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Oversize QC 990 P18 P35 1967 July

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 21

SATURDAY THE 1st JULY, 1967.

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

Yesterday's western disturbance now lies over Russian Turkistan north of Kashmir. Under its influence local rain/thundershowers have occured in Rawalpindi and Peshawar divisions and scattesed in D. I. Khan divisions.

A few dust/thunderstorms have also occured in Bahawalpur division.

The well marked low pressure area over northeast Arabian Sea persists.

The other well marked low pressure area over Orissa and neighbourhood also persists. It has caused widespread rain/thundershowers in Dacca division, local in Chittagong and Khulna divisions and scattered in Rajshahi division.

Chief amounts of rainfall are: Maijdee Court 2", Kakul 1", Cox's Bazar, Neryangang and Prachinar 3/4" each, Sylhet, Jessor, Islamabad, Murree, Cherat, Haripur and Wana (upto 1200 G.M.T.) ½" each.

Day temperatures: These were 3—8°F (2—4°C) above normal practically over to whole country.

Forecast valid until the evening of 2nd July 1967:- Fairly widespread rain/thundershowers are likely to occur in Khulna and Dacca divisions, local in Chittagong and Rajshahi divisions and scattered in Peshawar, Rawalpindi Lahore, Hyderabad divisions and in Kashmir. A few dust/thunderstorms may also occur in Sargodha, Multan and Karachi division.

Karachi-11
The 1st July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meterological Services.

DIVISIONS	STATIONS	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 f	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 [illegible]	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 f	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 1967 to-date	Departure from normal	Since 1st January 1967 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	Rangamati	023	2	6	18	05	96	01	6	894	85	3	/	5	?	3	79	92	024	9	3	18	05	98	01	6	998	90	1	?	7	0	1	76	79	—	—	9,3	—	20,8	—
	Cox's Bazar	031	9	7	18	14	96	02	6	970	92	6	4	4	3	1	79	//	074	9	8	13	10	96	20	6	987	79	7	4	3	0	1	29	77	/	0	26,3	— 5.9	35.3	140
	Chittagong	001	2	6	18	18	97	01	6	973	85	5	3	4	4	0	79	89	001	0	7	13	16	97	03	1	988	80	6	3	5	4	/	76	79	+ 3	+ 2	10,7	—11,8	32,6	108
	Maijdee Court	000	0	6	13	09	96	03	2	958	85	4	1	5	3	0	79	88	240	9	7	13	09	96	03	6	978	82	3	5	4	2	1	77	79	+ 2	0	18,3	— 3,0	40,0	115
	Comilla																																								94
	Brahmanbaria	000	0	5	30	05	97	03	1	//	85	1	5	5	0	5	79	92	000	0	5	13	07	97	03	1	002	86	1	5	5	0	5	77	81	/	—	10,3	—	33,1	78
	Sylhet	000	0	5	00	00	97	03	7	986	92	4	9	5	1	/	81	92	054	9	8	05	09	97	02	6	998	90	5	9	5	2	0	79	77	—	—	38,9	—	70,7	—
	Srimangal	000	2	7	00	00	96	77	9	971	89	3	9	5	3	1	79	94	008	9	5	09	03	96	02	9	001	86	2	8	8	6	2	77	77	+ 4	— 1				98
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		021	8	3	13	02	97	02	2	994	88	3	5	6	0	0	79	80		+ 2	10.7	— 7,5	24.3	91
	Narayanganj	070	3	3	13	07	96	03	4	958	93	3	3	4	3	/	//	96	003	0	3	13	01	96	00	0	953	88	3	/	6	0	0	81	78	+ 8	—	8.[illegible]	— [illegible]	18.0	74
	Dacca (Tezgaon)	010	2	4	13	05	97	01	6	952	85	1	:	5	4	:	79	88	013	9	5	09	05	97	01	6	981	84	4	8	4	4	1	79	81	—	+ 2	6,4	— 6,3	26,5	—
	Faridpur	015	0	4	16	01	92	02	6	961	82	4	5	5	0	0	79	88	015	3	6	16	07	97	02	2	975	84	5	4	5	1	0	79	79	+ 1	+ 1	15.7	+ 2,5	24,1	71
Khulna	Barisal																																								81
	Khulna	015	5	3	09	05	97	02	6	941	88	0	0	7	4	0	81	90	015	9	4	09	05	97	02	2	011	82	0	0	7	4	0	81	79	+ 2	+ 1	7,8	— 4.8	30,1	68
	Satkhira	003	0	6	00	00	96	00	6	924	86	6	8	4	0	0	81	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					65
	Jessore	022	7	6	13	05	97	03	9	939	82	2	1	5	3	8	79	90	041	9	7	13	12	97	03	6	968	82	6	6	3	4	0	79	79	+ 1	—	6.5	— 6.1	17.5	63
Rajshahi	Pubna	005	1	2	13	02	99	01	6	935	86	1	5	7	0	0	82	//	010	5	6	09	05	99	03	6	969	84	6	8	6	0	0	81	81	—	—	0,3	—	5,4	59
	Sirajganj	000	0	2	13	05	97	02	2	944	88	2	1	5	0	0	77	90	000	0	7	13	07	98	02	2	980	82	7	4	4	0	0	79	78	+ 3	0	6,1	— 6,5	25.7	64
	Rajshahi	007	4	3	09	02	98	03	6	941	85	3	5	6	0	0	79	92	009	9	6	09	09	96	03	6	972	84	6	5	6	/	/	79	80	—	+ 1	5.7	— 6,3	13,3	—
	Bogra	000	3	7	05	05	96	21	2	952	81	5	4	4	2	0	79	90	908	/	7	09	08	96	03	2	982	84	7	4	4	0	0	79	79	+ 2	+ 1	19.9	+ 6,4	38.5	69
	Dinajpur	000	0	3	13	03	96	07	0	983	90	1	2	6	:	0	77	96	000	2	0	09	02	96	01	1	998	79	4	0	9	/	/	77	81	+ 8	+ 3	8 8	— 5,3	22,7	72
	Rangpur	000	0	3	13	02	96	01	1	981	90	1	0	9	3	0	77	92	000	0	2	13	05	96	03	0	034	88	1	2	6	1	0	79	79	+ 3	+ 1	10.1	— 8,3	25,7	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	3	00	00	96	03	0	903	05	2	1	6	3	0	70	07	000	0	0	13	02	94	07	0	949	86	0	0	9	0	0	69	80	+ 3	0	0 1	— 1,7	4.3	19
	Sialkot	000	0	0	23	01	96	00	0	987	10	0	0	9	0	0	69	//	000	0	0	00	00	99	00	0	949	87	0	0	9	0	0	67	72	/	— 0	0,3	— 2,3	4,3	37
Rawalpindi	Jhelum	008	0	5	13	02	97	02	5	982	06	1	1	6	7	1	74	06	002	1	6	13	02	96	29	9	953	82	4	9	6	7	0	74	78	—	—	0.8	—	6.8	—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		043	2	6	09	07	96	80	2	[illegible]	82	6	2	6	0	0	77	75	—	—	0.5	—	5,6	—
	Rawalpindi	000	0	7	27	02	98	02	2	897	97	0	0	9	9	8	74	00	000	1	7	05	03	99	03	9	957	80	7	6	6	0	0	71	78	— 2	+ 1	0:6	— 1.9	11.5	36
	Campbellpur																																								—
Sargodha	Khushab	000	0	0	00	00	98	00	0	901	07	0	0	9	0	0	75	07	000	0	6	09	07	96	05	4	939	92	0	0	7	0	0	76	83	+ 2	— 1	0,3	— 1,1	6,7	19
	Sargodha	000	0	3	09	02	97	03	0	910	05	3	8	6	0	1	74	07	000	0	1	09	05	94	07	0	940	89	1	0	9	3	0	67	87	—	—	0	—	3.0	—
	Lyallpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	2	4	07	03	95	06	3	936	89	4	0	9	4	0	76	89	0	+ 6	0	— 1,2	4,3	12
Multan	Sahiwal	000	0	0	18	02	96	02	0	905	05	0	0	9	0	0	68	06	000	0	2	18	02	96	03	0	935	93	2	0	9	3	0	63	86	0	+ 4	0.7	— 0.3	4.5	10
	Multan	000	0	3	00	00	97	02	0	891	07	2	2	6	3	0	68	10	000	0	0	18	02	96	01	0	915	91	0	0	9	0	0	75	89	+ 6	+ 3	0.0	— 0,5	2.3	7
	Leiah	000	0	0	18	03	98	00	0	901	11	0	0	9	0	0	33	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					8
Bahawalpur	Khanpur	000	0	5	00	00	86	17	1	890	09	5	9	6	0	0	70	11	000	0	0	23	05	96	01	0	917	93	0	0	9	0	0	74	87	+ 3	+ 4	0	— 0,3	1,6	5
	Bahawalpur	000	0	0	00	00	96	00	0	935	10	0	0	9	0	0	61	11	000	0	2	23	02	96	00	0	926	95	0	0	9	0	0	72	83	+ 7	+ 1	0	— 0,3	1,7	6
	Fort Abbas	000	0	0	09	02	98	00	0	982	09	0	0	9	0	0	75	10	000	0	0	23	05	98	00	0	926	97	0	0	9	0	0	76	90	—	—	0	—	0,5	8
Peshawar	Chakdara	000	0	3	27	03	97	01	1	877	00	3	2	7	0	0	75	00	000	0	3	05	03	97	03	0	917	83	3	1	7	0	0	65	78	—	—	0,1	—	17,1	—
	Peshawar	008	3	4	13	03	95	39	9	896	99	3	3	6	0	1	73	02	000	0	7	31	03	96	05	1	923	72	1	3	6	7	2	73	86	— 3	+ 6	0	— 0,3	13,4	11
	Haripur	013	8	8	13	02	97	03	6	896	99	8	0	9	7	0	71	01	068	2	8	05	03	97	03	6	951	77	8	7	6	0	0	70	74	—	—	2.1	—	13,8	—
D. I. Khan	Bannu	000	0	3	00	00	99	03	0	908	30	0	0	9	/	/	77	05	000	0	3	00	00	99	03	0	808	88	0	0	9	/	/	79	82	—	—	0,0		3,0	11
	D. I. Khan	000	3	6	00	00	97	02	0	898	00	0	0	9	3	0	72	09	000	0	0	00	00	98	00	9	924	95	0	0	8	0	0	73	87	+ 2	+ 4	0	— 0,7	3.9	9
Quetta	Sibi	000	0	2	13	03	97	03	1	886	16	2	2	9	2	0	50	17	000	0	2	13	03	97	03	1	926	97	0	2	9	2	0	41	96	—	—	0	—	4.3	5
	Nokkundi	000	0	0	31	17	95	05	0	962	05	0	0	9	0	0	46	08	000	0	0	05	08	94	07	0	940	87	0	0	9	0	0	39	80	—	—	0	—	0.9	2
Kalat	Turbat	000	0	0	27	02	98	02	0	989	14	0	0	9	0	0	99	14	000	0	0	00	00	98	02	0	947	94	0	0	9	0	0	81	90	—	—	0	—	0.3	—
	Jiwani	000	0	6	23	09	96	01	2	915	93	6	0	9	3	0	75	97	000	0	6	18	03	96	02	2	955	85	6	8	9	7	0	83	83	—	—	0	—	1.1	5
	Pasni	000	0	5	23	21	97	02	1	904	96	0	0	9	0	2	75	99	000	0	3	27	02	97	01	1	939	88	0	0	9	0	2	83	86	+ 8	+ 7	0	— 0,3	0,0	6
Karachi Division	Ormara																																								6
	Lasbela																																								8
	Karachi (Manora)	000	0	1	27	03	96	02	0	916	92	0	0	9	0	0	86	96	000	0	0	25	05	97	03	0	924	89	0	0	9	0	0	82	87	+ 6	+ 5	1,1	— 0,3	—	8
	Karachi (Airport)	000	0	2	23	02	96	01	1	915	96	2	9	6	0	0	82	99	000	0	0	31	05	96	02	0	925	91	0	0	9	0	0	83	86	—	—	0,4	—	4,5	—
Hyderabad	Nagarparkar	000	0	8	31	13	97	03	1	901	00	4	5	7	0	0	80	00	030	0	8	11	13	93	38	4	957	00	4	5	7	0	0	80	82	—	—	0	—	0	—
	Chore	000	0	4	13	09	97	03	0	903	03	4	5	6	0	0	73	03	000	0	0	13	05	97	02	0	950	90	0	0	9	0	0	77	85	—	—	0.0	—	0,0	7
	Hyderabad	000	0	2	36	03	97	03	0	914	01	2	5	6	0	0	76	00	000	0	1	13	05	97	03	0	928	91	1	0	9	3	0	83	86	/	+ 4	0,5	—10,0	2,5	9
	Badin	000	0	6	23	07	98	01	0	955	02	0	0	9	0	4	74	05	000	0	3	23	03	98	03	0	958	92	3	5	6	0	0	84	83	+ 7	+ 1	0	— 1.3	1,7	
Khairpur	Padidan	000	0	4	09	02	96	06	1	902	07	1	1	7	0	0	69	08	000	0	2	13	07	96	02	0	920	93	1	5	7	0	1	77	89	—	—	0	—	1,7	—
	Nawabshah	000	0	3	13	05	96	03	0	913	04	1	1	6	0	0	74	05	000	0	0	13	14	96	01	0	930	92	0	0	9	0	0	79	88	—	—	0	—	1,1	—
	Sukkur	000	0	8	31	03	96	03	2	921	08	8	0	9	9	0	78	09	000	0	8	23	05	96	03	2	923	92	8	0	9	9	0	78	//	—	—	0	—	0,7	4
	Kashmore	000	0	0	23	02	98	02	0	917	09	0	0	9	0	0	72	10	000	0	0	[illegible]	[illegible]	[illegible]	[illegible]	0	957	92	0	0	9	0	0	73	93	—	—	0.1	—	0.9	—
	Jacobabad	000	0	1	16	09	96	05	0	893	08	1	0	9	1	0	78	09	000	0	5	[illegible]	[illegible]	96	03	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	0	79	91	— 3	+ 6	0	— 0,3	1,4	4
Junagadh	Veraval																																								
	HILL STATIONS																																								
Kashmir	Srinagar																																								28
	Gulmarg																																								28
	Sonamarg																																								—
	Dras																																								71
	Leh																																								26
	Skardu																																								3
	Misgar																																								6
	Aliabad																																								—
	Gilghit																																								5
Rawalpindi	Murree	000	0	6	27	02	97	02	1	390	75	6	5	3	0	0	63	79	043	2	8	09	[illegible]	[illegible]	90	3	413	61	8	9	3	/	/	56	59	+ 3	0	2.1	— 2,1	29.5	59
Peshawar	Drosh	000	0	1	23	07	99	01	0	351	97	1	1	7	0	0	44	02	000	8	3	00	00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	7	0	0	39	74	+ 8	+ 3	0,6	—	17.1	18
	Cherat	000	0	/	/	//	98	03	0	387	85	6	0	7	2	0	49	90	043	5	7	30	15	97	[illegible]	[illegible]	[illegible]	70	7	9	5	0	0	67	67	+ 9	— 5	0.7	— 0,5	14,2	29
	Kakul	057	3	3	23	03	95	05	6	390	87	3	9	0	8	7	65	90	103	5	7	30	15	97	17	9	402	70	7	9	5	0	0	67	67	+ 8	—	2,2	—	23,9	—
	Landikotal	000	8	4	09	08	97	03	0	370	93	0	0	1	3	0	76	97	000	0	6	00	00	96	03	0	385	83	0	0	9	3	0	74	75	—	—	0.1	—	18,0	—
	Parachinar	000	0	5	16	07	96	17	1	380	89	4	3	7	3	0	100	80	079	9	0	27	03	97	01	9	398	72	0	0	9	0	0	60	61	+ 1	— 5	1.5	—	17.0	20
D.I. Khan	Miranshah	000	0	0	05	05	99	02	0	373	96	0	0	9	0	0	67	98	000	0	0	05	05	89	00	0	386	90	0	0	9	0	0	66	85	—	—	0,3	— 0,7	3,2	13
	Wana	044	3	3	00	00	98	01	7	438	81	3	0	8	1	2	71	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						11
Quetta	Fort Sandeman	000	0	0	05	19	99	03	0	376	95	0	5	6	0	0	53	08	000	0	0	00	00	97	02	0	408	79	0	0	9	0	0	64	78	+ 1	+ 2	0,1	— 0,3	10,7	13
	Hindubag	000	0	0	00	00	98	02	0	364	98	0	0	9	0	0	51	01	000	0	0	00	00	98	02	0	434	84	0	0	9	0	0	49	69	/	—	0	—	5,8	—
	Loralai	000	0	5	13	04	97	01	1	356	97	0	0	9	2	2	65	99	000	0	0	27	02	98	00	0	269	78	0	0	9	0	0	63	72	—	—	0,1	—	4 9	9
	Barkhan	000	0	0	31	02	97	02	0	460	65	0	0	9	0	0	22	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Harnai	000	0	0	00	00	96	02	0	364	02	0	0	9	0	0	87	04	000	0	0	00	00	97	02	0	375	93	0	0	9	0	0	91	83	—	—	0	— 0.2	8,7	14
	Samungli (Quetta)	000	0	0	00	00	97	02	0	417	95	0	0	9	0	0	36	60	000	0	0	00	00	96	04	0	393	79	0	0	9	0	0	55	68	+ 2	—	0	— 0,1	7,5	8
	Chaman	[illegible]	0	0	27	00	98	00	0	385	02	0	0	9	0	0	07	03	000	0	0	18	00	98	00	0	395	86	0	0	9	0	0	73	78	+ 2	+ 2	0	— 0.0	4,3	8
	Nushki	006	0	0	34	00	98	00	0	421	04	0	0	9	0	0	53	08	000	0	0	05	02	98	00	0	404	82	0	0	9	0	0	44	80	—	—	0	—	2,8	—
	Dalbandin	000	0	0	03	03	95	05	0	379	08	0	0	9	0	0	64	10	000	0	0	00	00	94	05	0	289	87	0	0	9	0	0	48	76	+ 3	+ 1	0	— 0,0	1,0	4
Kalat	Kalat	000	0	0	00	00	98	00	0	355	90	0	0	9	0	0	45	93	000	0	0	05	02	98	00	0	405	73	3	4	9	0	0	30	63	+ 2	+ 1	0	— 0,2	6,7	7
	Khuzdar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	03	02	96	02	1	376	84	0	0	9	0	0	42	78				—	0,7	—
	Panjgur																																								5

† 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. is rainfall since 0000 hrs. G.M.T. of the same day

Whenever given for RRR [illegible] the summary above is for the actual amounts of rainfall.

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March 28, 2002

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 1st JULY, 1967.

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 NC_h h_s	0 $_s$TT T_dT	$I_dw_dwP_wH_w$
1				2	3	4	5	6	7	8	9	10	11
ARABIAN SEA													
Anwar Yohomarn	...	...	...	63 210	[illegible]	8 26 18	96 21 2	1 966 30	87 5 //	35 2 00	...	...	...
BAY OF BENGAL													
Anwar Baksh	...	...	...	63 067	820 00	2 31 02	98 01 1	076 28	21 5 47	14 0 06	...	...	...
Anwar Baksh	...	...	...	63 067	826 06	5 99 02	98 02 1	077 29	1/ 4 02	15 1 02	...	...	...
Anwar B.ksh	...	...	...	63 086	820 12	4 18 02	98 01 0	052 29	47 5 21	14 0 02	...	...	...
Anwar Baksh	...	...	...	63 098	861 8	1 25 02	98 01	055 29	00 0 //	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isoboric Levels: Surface PPPT I TT$_d$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
			HHH TTT T_d T $_d$T^d								HHH TTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	—													
Chittagong	00 00	995 258 245	...	...	139 215 215	...	305 155 155	...	584 095 035	762 545 999	984 660	...	...	...
Dacca	00 00	...	...	...	138 205 999	...	302 102 999	...	515 515 999	750 305 999	964 768	245 975	432 092	...
Jiwani	00 00	986 282 272	...	...	137 325 999	...	308 170 999	...	585 522 999		...	...	...	...
Karachi	00 00	990 305 282	...	...	140 238 999	...	304 162 999	...	571 535 999	747 572 999	967 685	260 200	448 002	...
Lahore	00 00	971 330 210	...	...	140 302 185	...	312 290 120	...	593 020 999	769 520 999	...	...	...	...
Multan	00 00	973 222 215	—	...	143 275 178	...	355 135 545	..	578 540 999	750 999 999		...	...	...
Peshawar	00 00	953 312 248	...	...	140 282 999	...	307 195 999	...	587 032 999	587 088 999	766 552	987 662	...	...
Quetta	...		—	...		...		...					...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TTT T_dT T_d									Max Height Reached PPPTTT $T_dT^dT^d$	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	...												
Chittagong	00 00	900 232 232	800 185 185	600 095 095	450 00/ ///	...	...	...	...	—	300 660 999	...	—
Dacca	00 00	...	...	...	...	...	...	—	...	...	150 092 999	...	...
Jiwani	00 00	900 23/ ///	800 27/ ///	600 09/ ///	...	...	...	...	...	...	500 522 999	...	...
Karachi	00 00	900 28/ ///	800 21/ ///	600 10/ ///	350 61/ ///	250 76/ ///	—	...	...	—	...	...	...
Lahore	00 00	900 32 195	800 275 165	350 632 999	250 735 999	...	...	...	...	...	150 002 999	...	...
Multan	00 00	950 345 252	900 312 999	800 232 102	600 03/ ///	550 00/ ///	350 66/ ///	250 79/ ///	...	...	250 735 999	—	—
Peshawar	00 00	900 308 295	800 26/ ///	600 12/ ///	350 60/ ///	250 74/ ///	...	...	...	...	250 799 999	...	...
Quetta	...										200 662 999	...	...

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.→ / 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	At 0000 hrs. G.M.T. of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra	12 13	13 18	13 19	13 21	...	...	...	...	—	—	...	—	...	...	...
Chaklala	...	...	...	...	...	...	...	...	...	...	14 11	16 10	18 11	02 13	—
Chhor	13 12	13 10	12 09	10 12	...	...	...	...	...	15 13	18 11	14 07	07 08	08 16	06 18
Chittagong	17 29	17 33	17 36	...	...	...	...	...	...	...	...	—	...	—	...
Cox's Bazar	20 28	19 19	20 17	20 16	...	...	...	...	...	No	...	...	Ascent	—	...
Dacca	15 23	15 23	15 28	15 31	15 27	14 31	16 23	12 33	14 19	11 13	12 11	...	...	...	...
Dalbandin	...	...	12 01	08 04	05 04	04 05	04 05	36 03	33 16	—	...	28 04	20 05	18 06	19 07
D. I. Khan	...	...	—	...	...	...	...	...	...	...	...	—	...	...	...
Drosh	...	...	...	...	24 13	17 03	18 03	34 07	31 13	...	...	...	13 01	24 03	30 06
Fort Sandeman	...	...	...	05 06	11 03	34 13	27 35	...	...	...	...	...	23 06	31 03	03 06
Jacobabad	16 08	16 06	13 06	09 07	36 09	30 07	27 06	31 12	27 17	19 19	19 19	20 10	26 06	24 08	...
Jessore	16 10	15 13	13 14	15 11	19 12	15 14	13 13	14 15	13 17	12 19	12 15	11 12	13 13	12 14	12 18
Jhelum	15 06	24 05	27 03	30 05	35 08	38 08	33 12	29 16	29 24	12 12	13 23	16 12	19 05	23 05	31 09
Jiwani	26 10	29 17	31 10	03 14	02 21	04 22	04 21	...	...	...	...	...	—	...	...
Karachi	18 15	17 12	13 10	07 21	07 33	07 38	...	...	...	...	...	...	...	...	...
Khanpur	31 02	24 03	34 04	04 01	13 04	08 13	05 13	03 14	03 18	...	...	...	...	...	...
Lahore	15 03	15 02	16 02	23 03	30 04	01 11	36 17	35 08	33 10	09 17	11 25	13 12	20 12	22 04	30 01
Multan	07 08	08 11	07 10	09 10	11 05	04 05	01 10	01 15	35 23	22 13	18 12	16 09	26 07	28 04	29 04
Nawab Shah	17 05	12 05	12 06	07 13	05 18	06 20	05 22	06 19	09 13	16 12	18 08	19 06	04 07	06 14	06 15
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar		11 05	17 08	19 11	22 10	33 15	32 20	28 23	27 17	...	33 09	29 03	25 08	27 04	28 10
Samungli	...	...	...	...	32 13	33 08	30 08	28 06	28 06	...	...	...	...	30 14	32 09
Sargodha	...	...	...	...	...	...	...	...	...	17 06	19 07	13 04	29 04	37 03	—
Sylhet	10 02	18 13	18 06	17 08	18 10	16 09	16 10	—	...	13 03	14 06	17 13	...	...	—
Vrawale	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in Kms a.s.l.→ / STATION	At 0600 G.M.T. of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	[illegible]	5.4	6.0	7.2	8.9
	17	18	19	20	21	22	23	24	25	26	27
Bogra	10 13	21 15	...	...	...	...	...	...	...	...	...
Chaklala	...	06 08	03 04	29 06	29 15	30 14	...	...	...	—	...
Chhor	14 06	09 04	09 17	07 20	07 25	07 25	24 21	06 13	...	...	...
Chittagong	15 10	15 10	15 11	...	...	...	...	...	...	...	...
Cox's Bazar	15 15	15 20	15 19	18 23	...	...	...	...	...	...	...
Dacca	12 20	12 25	12 23	...	...	...	...	...	...	...	...
Dalbandin	...	...	24 08	30 03	26 10	26 11	...	...	...	...	...
D. I. Khan	...	...	—	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	29 20	29 08	19 23	...	...	...	...
Fort Sandeman	...	...	...	12 01	02 06	28 05	...	—	—	...	...
Jacobabad	18 12	19 09	19 09	19 08	13 04	02 05	02 15	03 25	05 27	05 14	10 07
Jessore	07 12	...	...	...	...	...	...	...	...	—	...
Jhelum	11 12	07 11	06 11	03 12	02 03	...	...	...	...	—	...
Jiwani	12 20	12 25	12 23	29 04	...	...	...	...	...	...	...
Karachi	28 05	29 04	03 03	05 10	05 19	06 19	05 31	06 23	06 10	02 06	...
Khanpur	32 08	31 05	31 02	06 07	07 05	36 09	02 12	07 01	14 05	17 04	...
Lahore	11 08	13 13	13 13	15 10	08 03	02 09	01 12	34 14	33 10	...	—
Multan	...	...	...	...	...	...	...	...	...	—	...
Nawab Shah	16 10	10 07	06 09	06 10	07 14	05 17	06 29	05 16	...	...	—
Panjgur	...	...	...	...	...	...	...	...	—	...	...
Peshawar	...	14 11	13 08	34 07	30 10	28 15	27 28	27 25	27 38	...	...
Samungli	...	...	...	...	35 05	30 09	99 09	29 08	27 06	27 05	17 03
Sargodha	10 12	10 18	10 15	15 10	1 11	23 05	...	...	—	...	...
Sylhet	11 02	15 01	15 04	...	—	...	...	...	...	...	...
Vrawale	...	...	...	...	...	...	...	...	...	...	...

* The actual time of observation may vary within half an hours of the specified time.

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

Height in gp. 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	20 17	29 10	01 09	04 10	03 16	05 34	03 36	06 27	08 21	09 13	35 04	...	06 10	05 09	...	...	...	...
Peshawar	...	—	...	...	—	...	...	...	...	...	...		...	...		...	...	—
Quetta	—																	

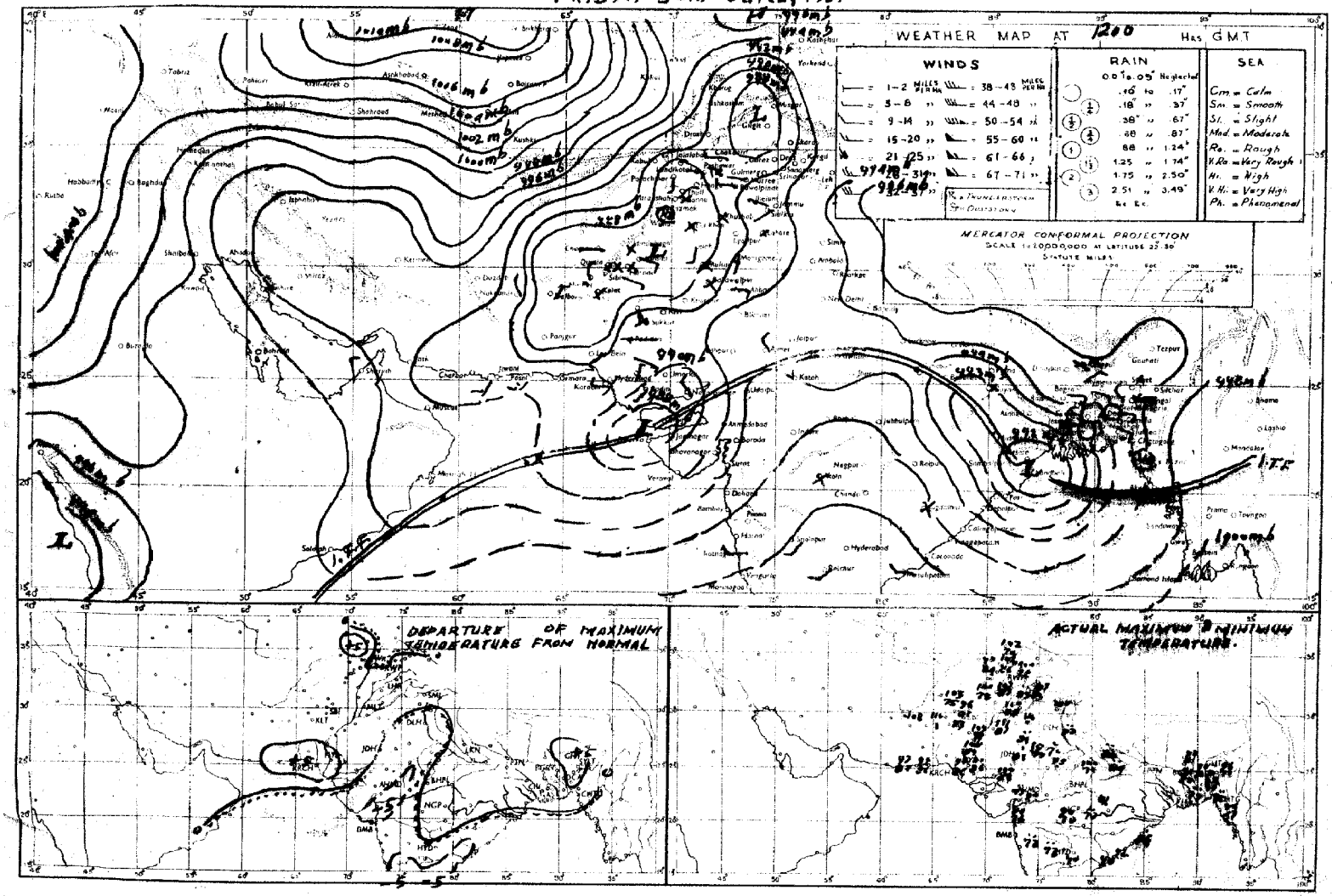
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr etc.)

The accuracy of individual [illegible] reports cannot be guaranteed. [illegible] can be obtained if necessary on application to the Meteorological Weather Centre, Air Port, KARACHI—8.

PAKISTAN DAILY WEATHER MAP

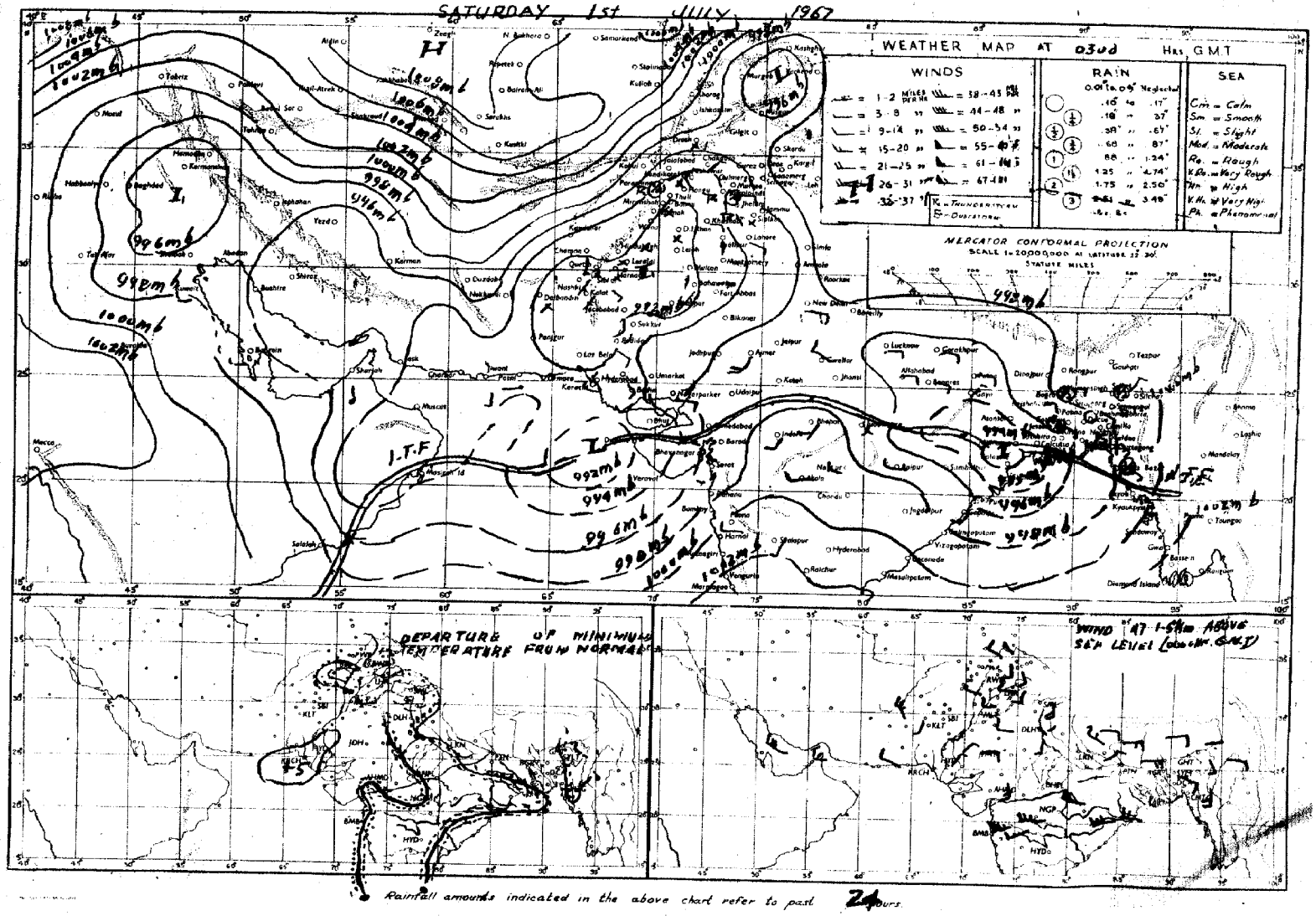
FRIDAY 30th JUNE, 1967



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 1st JULY 1967



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

Pgees 1—2 Rs. 3/-
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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 21

SUNDAY THE 2nd JULY, 1967.

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

Yesterday's western disturbance north of Kashmir has moved away northeastwards.

The low pressure area in the northeast Arabian Sea now lies over the northern sector North Arabian Sea. A low pressure area has developed over West Rajasthan and adjoining West Pakistan. Under their combined influence scattered thunderstorms/showers have occured in D. I. Khan, Quetta, Kalat and Hyderabad divisions and local elsewhere in west Pakistan outside Karachi division.

Observations are lacking but believe yesterday's well marked low pressure area over Orissa has slightly moved west north westwards, and now lies over Chota Nagpur and Orissa. It has caused local rain/thundershowers in Dacca division and scattered in Chittagong and Khulna divisions.

Chief amounts of rainfall are: Multan and Harnai 1½" each. Jhelum, Rawalpindi, Cherat and Prachinar 1" each, Paddin 3/4", Sylhet, Sialkot, Kakul, D. I. Khan, Chhor and Dadu ½" each and Bahawalpur and Sibi ¼" each.

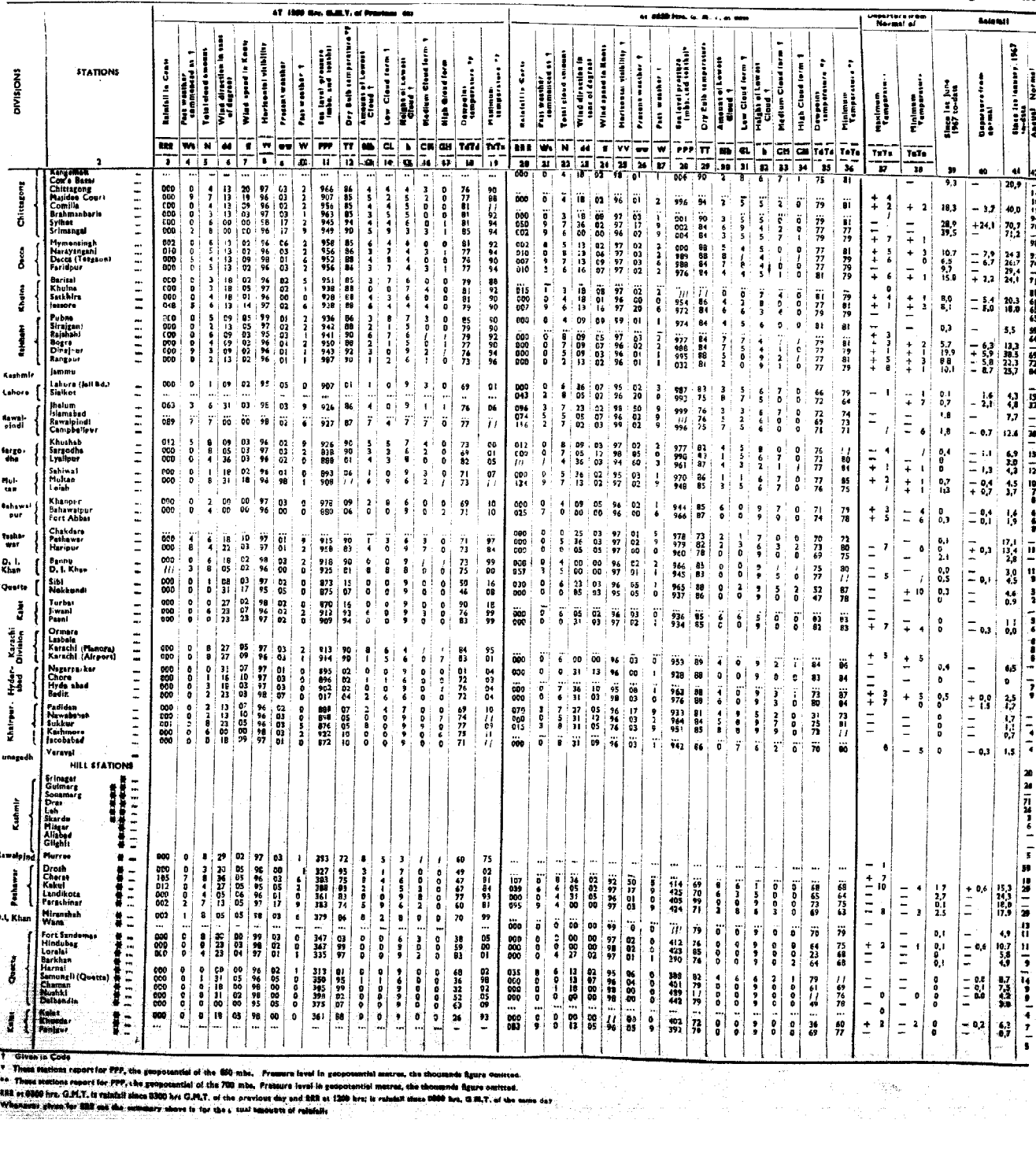
Day temperatures: These were 3—7°F (2—4°C) above normal in East Pakistan and in Kalat, Karachi and Hyderabad divisions and were to the same extent below normal in D.I. Khan, Sargodha and Peshawar divisions.

Forecast valid until the evening of 3rd July 1967:- Thunderstorms/showers will be fairly widespread in Rajshahi division, local elsewhere in East Pakistan and in Khairpur, Lahore, Rawalpindi and Sargodha divisions and scattered in Kashmir and elsewhere in West Pakistan.

Karachi-11
The 2nd July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meterological Services.



† 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; is rainfall since 0300 hrs. G.M.T. of the same day

Whenever given for RRR not the summary shows is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 2nd JULY, 1967.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_oL_oL_o$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D,V, a PP	8 $N_sCh_sh_s$	O,T T, T_dT	Id,,d,,P,,H,,
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Shams	73 241	668 12	8 27 12	98 02 2	014 32	67 2	36 5 26	—	00 1 27	12 7 44
BAY OF BENGAL										
Anwar Baksh	73 106	840 00	7 26 04	98 03 2	028 22	92 6 56	14 1 09	...	...	...
Anwar Baksh	73 129	849 18	6 26 02	98 02 2	030 30	00 0 18	13 4 01	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isoboric Levels: Surface PPPTTTdTdTd	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 Td								HHH TTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong ...	00 00													
Dacca ...	00 00	996 272 252	...	...	149 232 215	...	307 148 145	...	586 045 045	762 552 999	983 662	222 888	392 975	...
Jiwani ...	00 00	997 275 265	...	...	136 172 999	...	300 095 999	...	477 520 999	754 600 999	968 738	253 970	438 095	671 202
Karachi ...	00 00	986 302 288	...	...	140 295 999	...	307 172 999	...	582 352 999	755 618 999	970 722	255 912	445 090	...
Lahore ...	00 00	MISDA	...	...		...		...			...	...	...	...
Multan ...	00 00	973 352 215	...	...	149 265 143	...	310 155 065	...	588 505 999	762 610 999	979 692	...	...	...
Peshawar ...	00 00	981 272 238	...	...	137 248 283	...	308 162 102	...	585 520 999	760 590 999	980 658	282 710	500 770	...
Quetta ...	00 00	957 275 245	...	...	140 212 999	...	305 128 999	...	579 005 942	755 592 999	972 722	...	...	...
		813 232 122			...		307 192 602	...	586 981 648	765 585 999	981 718	269 900	462 152	727 020

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TTT TdT Td								Max Height Reached PPPTTT TdTTd	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong ...	00 00												
Dacca ...	00 00	900 245 232	800 205 192	600 098 098	350 641 ///	250 741 ///	...	...	...	...	150 975 999	...	...
Jiwani ...	00 00	900 219 ///	800 159 ///	600 065 ///	350 601 ///	250 661 ///	250 831 ///	...	...	...	100 202 999	...	...
Karachi ...	00 00	900 30 ///	800 271 ///	600 071 ///	350 681 ///	250 941 ///	209 311 ///	...	...	...	150 040 999	...	...
Lahore ...	00 00	MISDA						...	...	...		...	...
Multan ...	00 00	980 302 185	800 232 125	600 085 505	350 610 999	...	...	...	...	...	300 692 999	...	...
Peshawar ...	00 00	950 282 242	800 275 238	600 262 212	600 092 032	250 621 ///	250 691 ///	...	...	...	150 770 999	...	...
Quetta ...	00 00	900 241 ///	800 191 ///	600 067 ///	350 661 ///	250 811 ///	230 851 ///	...	...	...	330 851 ///	...	...
		800 235 125	785 242 125	600 098 518	482 001 ///	350 651 ///	250 891 ///	170 581 ///	...	...	100 020 999	...	...

P, P—Pressure in hundreds and units of millibars.

TT, 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 (date ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 G.M.T. of date (dd ff): 0.3	0.6	0.9	1.8	2.1	3.0	5.4	5.4	6.0	7.2	9.0
STATION	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra																										
Chaklala	11 17	11 17	12 81							11 20	12 23	12 21	...	...	...	11 19	12 15		...	...	...					
Chhor	24 00	10 03	09 08	19 07	20 12	28 12	30 37	// //	15 12	...	...	...	...	...	...	...	...	// //	...	...	...	...	...	...	...	...
Chittgong	14 03	14 04	10 07	09 10	07 09	06 17	08 05	33 03	11 03	20 02	24 03	08 03	07 16	07 19	08 15	04 06	// //	// //	10 17	// //	21 08	30 09	...	33 17	26 12	...
Cox's Bazar	15 33	15 38	15 29	...	...	...	...	...	...	15 31	16 37	16 47	15 42	...	...	15 21	15 17	06 17	05 17	15 25	06 17	07 15	03 21	...	...	...
Dacca	16 25	16 27	16 28	17 27	...	...	...	...	...	15 23	15 25	17 25	17 25	16 20	16 19	...	...	...	17 25	...	...	...	...	...	...	...
Dalbandin	18 15	18 25	15 25	14 30	14 33	14 31	13 39	12 30	12 25	13 19	14 22	15 25	16 13	...	...	13 13	12 17	12 18	15 22	18 26	13 25	13 25	15 23	13 29	13 31	13 25
D. I. Khan	...	...	09 03	08 01	09 04	20 04	23 11	29 09	33 04	...	...	04 02	35 05	01 09	34 22	...	...	08 01	20 03	23 06	26 12	28 14	31 33	34 45	35 64	04 80
Drosh	...	...	...	...	...	// //	// //	// //	// //	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	...	23 10	33 02	33 02	// //	29 39	...	...	...	02 01	25 02	20 05	...	...		...	21 05	18 09	22 07	27 10	39 99	// //	27 34
Jacobabad	18 08	18 06	18 06	26 03	22 05	21 04	26 14	// //	...	...	...	...	26 04	19 03	28 15	...	...		35 01	30 03	29 09	28 14	...	...	...	...
Jessore	14 18	14 23	14 26	14 27	14 22	13 23	34 15	28 23	25 31	12 27	09 31	09 34	15 17	18 13	21 12	34 04	31 04	29 09	24 05	09 13	06 10	31 31	...	...	...	...
Jhelum	02 07	01 06	34 03	23 07	24 05	29 09	25 09	25 13	12 31	11 18	12 21	12 22	...	...	...	13 15	14 18	14 19	14 20	14 26	13 25	...	...	...	...	...
Kwan	20 10	20 10	19 07	12 09	03 05	...	...	...	...	06 09	06 13	05 08	07 03	29 07	28 15	04 01	02 04	05 05	05 07	03 10	34 13	32 11	...	...	...	...
Karachi	21 29	22 17	17 06	10 09	...	...	...	...	...	...	...	...	...	...	...	11 01	01 01	33 04	33 09	33 10	35 08	02 10	02 10	20 03	13 07	33 05
Khanpur	19 08	21 07	22 07	21 07	20 07	34 01	05 11	02 15	36 07	34 10	35 11	01 15	06 19	07 21	04 18	09 07	07 09	08 08	06 14	05 18	...	...	...	...	...	...
Lahore	03 05	06 06	09 06	04 03	04 04	04 06	35 12	34 13	30 13	24 21	25 23	26 25	28 22	...	...	13 08	13 08	21 07	07 04	13 02	05 03	03 09	06 04	...	...	...
Multan										10 07	// //	09 09	15 08	12 08	08 11	05 04	05 10	05 16	04 19	03 20	06 29	...	...	...	...	...
Nawab Shah	17 05	04 15	10 05	05 06	05 13	05 14	03 12	04 15	63 09	24 16	23 27	21 40	20 09	36 17	...	07 05	07 05	36 10	11 05	07 10	09 05	...	...	...	...	...
Panjgur										15 12	13 13	14 13	08 16	06 17	...	15 12	13 13	14 13	08 16	08 17	07 14	...	...	...	...	...
Peshawar	...	17 35	17 29	15 19	14 21	20 15	30 65	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Samungli				...	33 23	33 43	30 83			...	11 08	17 05	17 05	...	...	...	28 03	21 04	15 06	05 04	26 03	...	...	...	...
Sargodha	06 12	01 15	13 15	...	35 04	28 04	30 17	81 23	97 53	...	...	...	...	...	...	...	...		...	35 05	30 09	...	...	...	...	...
Sylhet	16 01	10 02	12 06	13 10	14 13	14 13	14 18	15 13	13 13	14 30	15 09	16 15	12 13	10 09	09 13	06 06	10 10	11 17	12 15	12 09	28 08	28 07	29 09	29 08	27 06	27 05
Vravale	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	04 01	11 02	11 03	10 10	12 14	11 17	13 18	11 15	13 24	05 18	17 03
																									14 —	

* The exact time of observation 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 ...																		

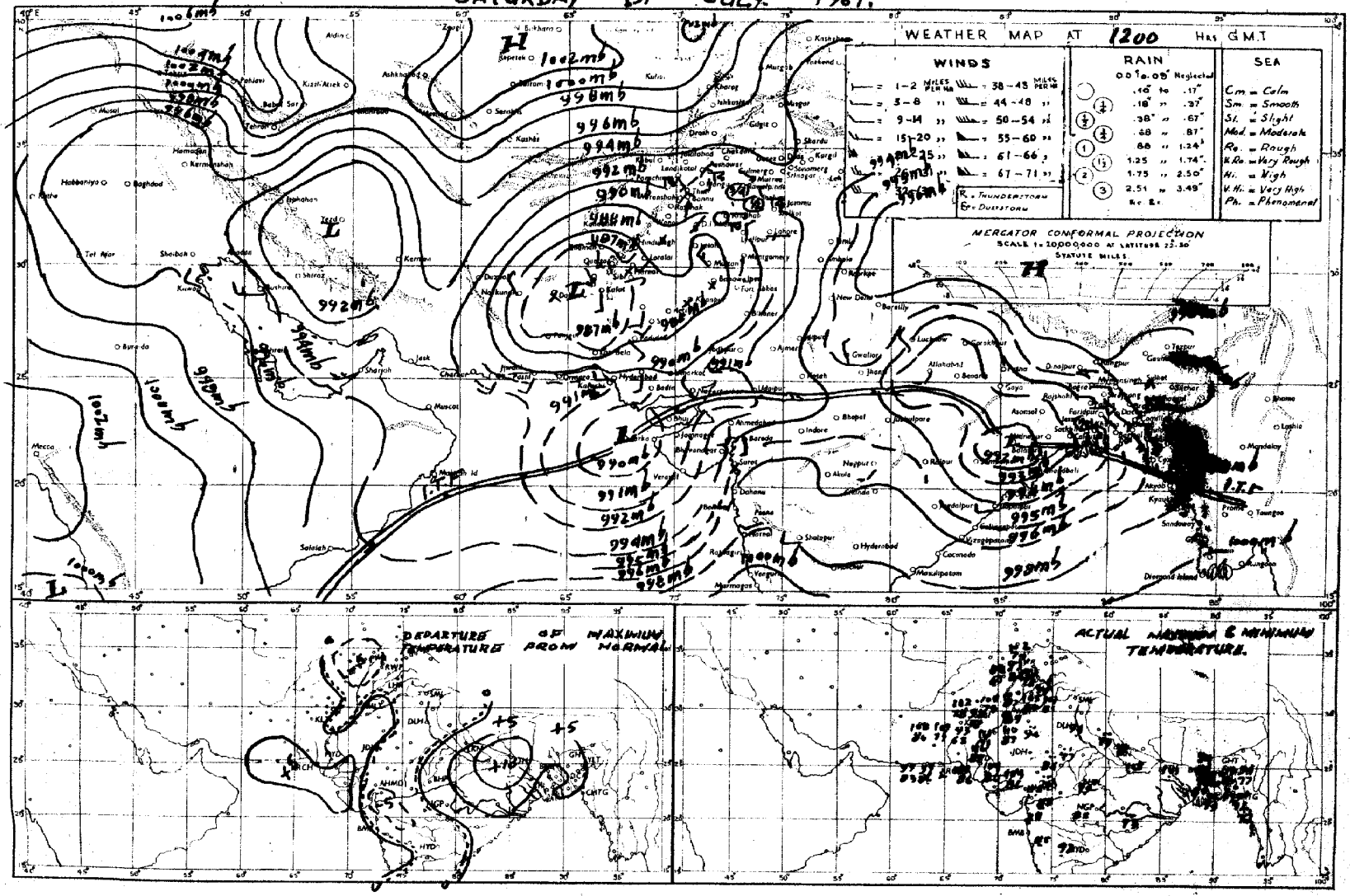
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North throughout East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vryr etc.)

The answers of individual meteorologists cannot be summarised. Corrections can be obtained if necessary on application to the Meteorologist, Weather General, Air Force, KARACHI—9)

PAKISTAN DAILY WEATHER MAP

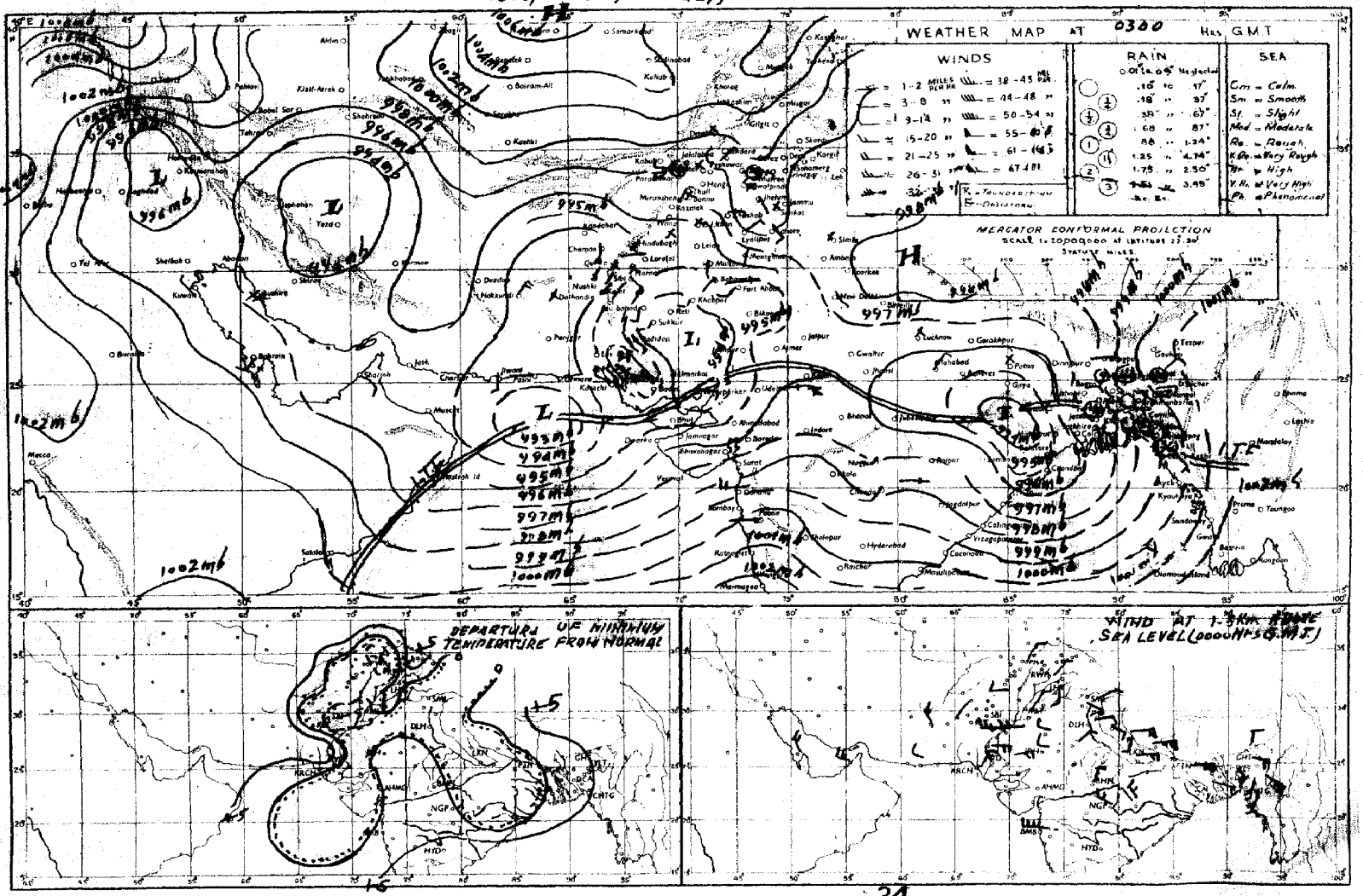
SATURDAY 1st JULY 1967.



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

SUNDAY 2nd JULY, 1967.



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

Pgees 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. 1467
Vol. & No. 21

MONDAY THE 3rd JULY, 1967.

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

A western disturbance is moving across north of Afghanistan.

The low pressure area over Saurashtra and adjoining north af Arabian Sea persists.

Rain/thundershowers have been fairiy widespread in Hyderabad division, local in Karachi division and scattered in Bahawalpur, Peshawar, D.I. Khan and Khairpur divisions. A few thunderstorms/light shawers have also occured in Rawalpindi and Quetta divisions.

Observations are lacking but believe the low pressur area over Chota Nagpur now lies over Vindhya Pradesh and neigbourhood.

Monsoon is moderate in East Pakistan.

Widespread rain/thundershowers have occured in Khulna division. Fairly widespread in Chattigong and Dacca divisions and local in Rajshahi division.

Chief amounts of rainfall are: Cox's Bazar and Parachinar 2" each, Nagarparker and Chooharo 1½" each, Khulna, Satkhira and Rajshabi 1" each, Brahmanbaria, Mymensingh, Jessore, Pabna, Karachi (Airport) and Hyderabad ½" each and Majdee Court, Faridpur, Rangpur, Wana, Karachi (Monora) and Badin ¼" each.

Day temperatures: These were generally 6—8°F (2—4°C) above normal in Karachi division and 3—5°F (2—3°C) so in East Pakistan and 3—8°F (2—4°C) below normal in Peshawar, D.I. Khan, Khairpur and Sargodha divisions.

Forecast valid until the evening of 4th July 1967:- Fairly widespread rain/thundershowers are likely to occur in East Pakistan and local in Karachi, Hyderabad, Khairpur and Rawalpindi divisions and scattered elsewhere over West Pakistan outside Karachi divisions.

Mansoon Rainfall Forecast for June to September 1967. There is four to one chance that the total rainfall over West Pakistan during the mansoon period June to September 1967 will be moderately above normal.

(MOHAMMAD SMIULLAH)
Director, Metroligical Service,

Karachi-11
The 3rd July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meterological Services.

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

DIVISIONS	STATIONS 2	Rainfall in Cents RRR 3	Past weather commenced at † Wh 4	Total cloud amount N 5	Wind direction in tens of degrees dd 6	Wind speed in Knots f 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	Rangamati	000	0	7	18	13	98	03	1	995	86	3	7	4	2	/	77	95
	Cox's Bazar	100	9	8	18	10	97	60	6	986	79	8	7	3	2	/	79	//
	Chittagong	002	1	8	13	12	97	60	2	989	83	6	3	3	2	0	79	90
	Maijdee Court	000	9	7	15	25	96	03	2	97/	83	5	5	4	2	1	80	90
	Comilla	000	0	4	13	09	96	02	1	974	90	4	4	7	0	0	80	//
	Brahmanbaria	400	1	4	18	03	97	03	9	976	83	4	5	5	0	0	80	93
	Sylhet	000	0	7	18	05	97	03	2	965	93	5	9	5	2	1	80	93
	Srimangal	010	9	8	00	00	96	17	9	980	83	7	9	3	3	1	79	93
Dacca	Mymensingh	000	0	6	13	02	96	02	2	984	84	6	4	5	0	0	79	92
	Narayanganj	000	0	7	13	02	96	03	2	968	87	5	7	4	3	1	79	92
	Dacca (Tejgaon)	010	2	7	13	05	97	03	6	971	85	4	8	4	3	1	79	92
	Faridpur	025	0	5	16	02	97	02	6	950	83	3	5	5	1	0	80	90
Khulna	Barisal																	
	Khulna	087	5	3	00	00	97	02	6	959	83	0	0	7	4	0	80	98
	Satkhira	124	0	4	13	01	96	00	6	942	83	4	3	5	0	0	79	83
	Jessore	062	6	6	13	07	97	20	9	958	80	2	6	3	0	5	79	90
Rajshahi	Pabna	036	5	5	09	05	99	[illegible]	6	956	55	5	5	6	0	0	83	50
	Sirajganj	000	0	9	13	03	97	00	[illegible]	958	98	4	2	5	0	0	86	92
	Rajshahi	112	2	6	00	00	97	03	[illegible]	967	80	5	4	4	3	0	86	90
	Bogra	000	0	3	13	03	96	02	[illegible]	[illegible]	80	3	8	5	3	0	79	92
	Dinajpur	000	0	0	09	02	96	00	0	[illegible]	90	0	0	9	0	0	77	93
	Rangpur	000	0	1	00	00	96	01	0	[illegible]	[illegible]	1	0	9	1	0	73	95
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	3	36	03	96	03	0	925	[illegible]	[illegible]	0	9	3	2	61	00
	Sialkot	000	6	0	31	01	98	[illegible]	0	933	96	[illegible]	0	9	0	0	77	02
Rawalpindi	Jhelum	005	8	0	00	00	96	02	8	934	94	[illegible]	0	9	0	0	77	94
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi	000	0	1	00	00	98	00	9	934	82	0	0	7	0	3	60	93
	Campbellpur																	
Sargodha	Khushab	000	0	4	05	02	97	02	2	929	99	2	2	7	4	0	74	01
	Sargodha	000	0	2	05	03	98	02	1	947	00	2	4	6	3	0	73	02
	Lyallpur	000	0	4	36	07	96	02	0	919	00	0	0	9	0	4	76	03
Multan	Sahiwal	000	0	1	20	00	96	02	8	920	01	1	0	9	3	0	72	03
	Multan	000	0	3	00	00	97	02	2	925	98	2	0	9	1	7	75	00
	Leiah	000	0	0	36	02	98	90	0	901	10	9	0	9	0	0	73	16
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur	000	0	0	36	02	98	00	0	913	00	0	0	9	0	0	73	02
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chakdara	000	0	3	27	04	97	03	0	915	92	1	1	7	7	0	71	94
	Peshawar	000	0	6	26	02	97	01	1	938	93	4	6	5	3	0	71	95
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Bannu	000	0	6	13	02	58	03	2	950	93	6	9	9	/	/	74	94
	D. I. Khan	000	0	0	00	06	98	00	0	945	96	0	0	9	0	0	76	99
Quetta	Sibi	000	0	4	13	03	97	03	1	914	08	4	2	9	4	2	56	10
	Nokkundi	000	0	0	31	14	95	05	0	890	07	0	0	9	0	0	37	09
Kalat	Turbat	000	0	0	18	05	98	02	0	913	08	0	0	9	0	0	67	13
	Jiwani	000	0	0	13	09	96	03	3	936	90	0	0	9	0	0	83	96
	Pasni	000	0	0	10	25	97	02	0	931	93	0	0	9	0	0	83	95
Karachi Division	Ormara																	
	Lasbela																	
	Karachi (Manora)	000	0	7	23	07	98	03	2	913	90	0	0	9	7	0	84	98
	Karachi (Airport)	000	0	8	36	05	94	65	2	955	79	4	7	4	3	0	79	97
Hyderabad	Nagarparkar	080	0	8	31	05	97	03	1	905	83	4	5	7	0	0	79	00
	Chore	000	0	8	16	09	96	03	9	168	90	4	6	9	6	7	75	05
	Hyderabad	051	3	8	18	09	97	02	6	924	84	8	0	9	4	0	78	02
	Badin	018	3	9	18	05	98	01	5	940	83	9	6	6	0	0	76	97
Khairpur	Padidan	000	8	6	31	07	96	61	9	920	99	1	2	7	5	0	71	99
	Nawabshah	000	0	6	36	05	96	06	2	918	06	2	2	6	0	8	73	05
	Sukkur	000	9	8	16	05	96	03	2	964	96	0	0	0	0	0	73	00
	Kashmore	000	0	0	05	02	98	02	2	945	00	0	0	9	0	0	74	07
	Jacobabad	000	0	0	09	09	97	01	1	924	90	0	0	9	0	0	78	01
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Allabad																	
	Gilgit																	
Rawalpindi	Murree	000	0	6	27	03	98	02	1	350	73	4	1	4	5	0	59	70
Peshawar	Drosh	000	0	3	23	10	96	06	1	369	72	3	2	7	6	0	53	97
	Cherat	000	0	4	36	02	97	01	2	414	82	4	4	6	0	0	74	95
	Kakul	008	8	3	13	05	97	01	1	402	93	3	4	6	0	0		
	Landikotal	000	0	4	09	15	96	01	6	388	85	0	0	9	7	0	63	87
	Parachinar	199	9	0	05	02	95	95	9	425	63	6	9	6	5	/	60	86
D.I. Khan	Miranshah	000	0	6	85	05	98	03	2	393	87	6	0	9	0	0	70	89
	Wana	000	0	3	10	20	98	01	0	469	85	3	0	8	2	1	71	86
Quetta	Fort Sandeman	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hindubag	000	0	0	28	03	98	03	0	363	99	0	0	9	0	0	52	02
	Loralai	000	0	6	18	04	97	02	1	369	93	0	0	9	3	0	78	93
	Barkhan	000	0	0	31	02	91	02	0	466	//	0	0	9	0	0	32	99
	Harnai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Samungli (Quetta)	000	0	1	27	09	97	01	0	368	95	1	2	6	9	0	30	96
	Chaman	000	0	0	27	00	98	00	0	387	88	0	0	9	0	0	67	99
	Nushki	000	0	0	31	02	98	00	0	465	97	0	0	9	0	0	50	02
	Dalbandin	000	0	0	23	07	95	05	0	381	05	0	0	9	0	0	38	00
Kalat	Kalat	000	0	0	18	02	90	00	0	367	88	0	0	9	0	0	26	89
	Khuzdar																	
	Panjgur																	

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

STATIONS	Rainfall in Cents RRR 20	Past weather commenced at † Wh 21	Total cloud amount N 22	Wind direction in tens of degrees dd 23	Wind speed in Knots f 24	Horizontal visibility † VV 25	Present weather † ww 26	Past weather † W 27	Sea level pressure (mbs. and tenths)* PPP 28	Dry Bulb temperature 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 1967 to-date 39	Departure from normal 40	Since 1st January 1967 to date 41	Annual Normal 42
Rangamati	000	0	3	18	02	98	03	1	042	90	1	8	7	7	1	79	80	—	—	9,3	—	20,9	—
Cox's Bazar	176	1	7	13	12	97	21	6	080	80	3	9	4	8	0	79	77	/	0	—	—	—	140
Chittagong	002	9	5	13	07	97	02	6	035	86	3	8	4	3	1	77	79	+ 4	+ 2	—	—	—	100
Maijdee Court	020	9	6	16	05	96	03	2	019	85	4	5	5	2	1	76	79	+ 4	0	18,5	— 4,1	40,2	115
Comilla	010	0	4	13	05	96	02	2	034	85	4	4	7	0	0	78	89	/	+ 3	—		—	94
Brahmanbaria	040	0	3	18	02	97	03	1	033	85	3	5	5	0	0	79	79	—	—	29,3	— 23,0	71,4	78
Sylhet	016	9	8	05	05	96	95	9	///	87	7	7	3	2	/	79	79	—	—	39,6		71,3	—
Srimangal	010	9	4	00	00	96	02	9	034	86	0	0	9	7	2	79	79	+ 6	+ 1	—	—		98
Mymensingh	056	8	0	13	02	97	02	3	034	85	6	4	5	2	0	79	79	+ 5	+ 1	11,2	— 7,9	24,9	91
Narayanganj	007	0	8	13	04	97	03	2	024	85	8	7	5	/	/	79	79	+ 4	+ 1	6,6	— 7,0	23,7	74
Dacca (Tejgaon)	010	9	7	13	02	97	03	6	024	83	6	6	3	2	0	79	80	—	97	—	— 9,5		—
Faridpur	025	3	6	16	02	96	02	2	025	80	3	4	5	1	0	79	//	+ 2	/	16,0	+ 2,1	24,3	71
Barisal																				—	—		81
Khulna	101	2	3	00	00	97	02	2	010	80	0	0	7	4	0	79	79	+ 10	+ 1	9,0	— 4,9	21,3	68
Satkhira	124	0	4	13	01	96	00	0	000	83	4	2	6	0	0	79	77	+ 4	— 1	9,3	— 4,2	19,3	68
Jessore	062	3	7	16	07	97	02	6	013	83	3	4	4	4	0	79	79	—	—	—		—	45
Pabna	047	2	7	50	05	90	01	6	012	85	7	7	6	0	0	79	80	—	—	0,8	—	5,9	99
Sirajganj	000	0	6	13	05	98	02	2	010	85	6	9	5	0	0	79	80	+ 5	+ 2	—	—	—	64
Rajshahi	112	9	8	13	09	97	60	9	018	85	8	7	4	/	/	79	60	+ 1	+ 9	6,8	— 8,7	14,4	—
Bogra	000	0	7	13	07	96	02	2	017	85	4	8	4	3	1	79	79	+ 3	+ 1	19,9	+ 5,3	38,5	69
Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4		—			72
Rangpur	024	7	7	09	02	96	21	1	036	85	7	0	9	2	0	80	79	+ 7	+ 1	10,3	— 9,1	25,9	84
Jammu																							
Lahore (Jail Rd.)	000	0	0	15	03	96	02	0	978	91	0	0	9	0	0	74	83	— 2	+ 3	0 1	+ 1,9	4,3	19
Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					32
Jhelum	009	0	1	00	00	97	01	0	983	90	0	0	9	0	1	78	79	—	—	1,9	—	7,9	—
Islamabad	000	0	1	00	00	97	01	0	///	88	1	1	5	0	0	74	76	—	—	—	—		
Rawalpindi	000	0	1	05	02	98	00	1	979	89	0	0	9	0	8	73	74	— 7	— 3	1,7	— 1,1	12,6	38
Campbellpur																		—					—
Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3					19
Sargodha	000	0	0	09	05	97	01	0	986	90	0	0	9	0	0	73	92	—	—	0	—	3,0	—
Lyallpur	000	0	8	00	00	96	00	0	956	88	0	0	9	0	0	78	84	— 1	+ 1	0	— 1,4	4,3	15
Sahiwal	000	0	0	18	02	96	07	0	949	93	0	0	9	0	0	73	84	— 2	0	0,6	— 0,3	4,5	18
Multan	000	8	/	00	00	97	00	0	959	91	0	0	9	0	1	75	85	— 3	— 1	1,5	+ 0,7	3,7	7
Leiah	000	0	0	31	03	97	00	0	981	98	0	0	9	0	0	74	83	—		—			8
Khanpur	000	0	0	09	05	96	05	0	960	91	0	0	9	0	0	70	85	—	+ 2	0	— 0,5	1,6	8
Bahawalpur	000	0	0	00	00	96	00	0	959	93	0	0	9	0	0	74	83	—	— 1	0,3	— 0,1	1,9	8
Fort Abbas	013	2	2	13	02	98	21	9	970	91	0	0	9	2	0	75	81	—					8
Chakdara	000	0	3	05	00	97	01	1	973	80	3	1	7	0	0	68	73	—	—	0,1	—	17,1	—
Peshawar	000	0	4	36	03	96	85	1	980	82	1	5	6	3	0	70	83	— 9	+ 3	0	— 0,3	13,4	19
Haripur	000	0	0	00	01	98	80	0	982	82	0	0	9	0	0	71	74	—		2,1		12,0	—
Bannu	000	0	1	00	00	99	03	9	962	82	0	0	9	/	/	71	83	—	—	0,0	—	3,0	11
D. I. Khan	000	5	0	05	02	//	//	/	975	88	0	0	9	0	0	78	82	— 6	[illegible]	0,3	— 0,1	4,5	9
Sibi	000	0	2	00	00	97	03	0	962	92	0	2	9	2	2	48	86	—	—	0,2	—	4,6	8
Nokkundi	000	0	0	31	12	95	05	0	941	90	0	0	9	0	0	47	79	—	—	0	—	0,9	3
Turbat	000	0	0	23	02	98	02	0	967	90	0	0	9	0	0	77	78	—	—	—	—	—	—
Jiwani	000	0	3	13	06	96	91	1	969	87	3	6	5	0	0	80	84	—	0	0	—	1,1	5
Pasni	000	0	0	00	00	97	02	0	957	75	0	0	9	0	0	82	86	+ 3	+ 7	0	— 0,3	8,0	6
Ormara																							6
Lasbela																							8
Karachi (Manora)	033	9	6	27	03	98	02	2	945	88	0	0	9	7	0	82	75	— 8	— 7	—	—	—	8
Karachi (Airport)	046	9	6	00	00	94	03	9	950	88	6	0	9	3	0	84	74	—	—	0,9	—	6,0	—
Nagarparkar	125	0	8	31	09	96	03	1	941	84	4	5	7	8	0	80	//	—	—	12,5	—	12,5	—
Chore	030	0	6	16	02	97	03	1	951	89	6	0	9	5	0	77	63	—	—	—	—	—	7
Hyderabad	051	9	0	00	00	97	01	6	949	87	0	0	9	0	0	81	83	+ 1	+ 1	0,9	+ 0,3	2,9	9
Badin	018	0	6	36	02	98	03	0	957	86	6	0	9	6	0	78	83	0	+ 1	0,1	— 1,5	1,9	
Padidan	000	0	2	00	00	97	02	1	953	90	0	0	9	0	1	77	81	—	—	0	—	1,7	—
Nawabshah	000	0	4	23	03	96	01	1	953	89	0	0	9	0	1	76	85	—	—	0	—	1,1	
Sukkur	000	9	0	25	05	74	03	2	952	91	0	0	9	9	0	77	83	—	—	0	—	0,7	4
Kashmore	000	0	6	00	00	98	02	2	971	90	0	0	9	0	0	73	86	—	—				—
Jacobabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 10					4
Veraval																							
Srinagar																							20
Gulmarg																							20
Sonamarg																							—
Dras																							71
Leh																							20
Skardu																							3
Misgar																							6
Allabad																							—
Gilgit																							— 5
Murree	000	8	2	27	02	98	01	1	437	72	0	0	9	0	0	58	58	— 2	— 1	—	—	—	30
Drosh	000	8	6	09	08	97	02	1	439	78	3	8	5	8	0	43	76	+ 2	+ 5	—	—	—	18
Cherat	000	0	0	36	02	98	00	0	436	77	0	0	9	0	0	67	69	— 6	— 3	1 7	+ 0,5	15,3	20
Kakul	003	0	1	23	02	97	01	1	438	79	1	4	6	0	0	65	68	—	—	2,6	—	24,3	—
Landikotal	000	0	6	00	00	96	03	8	430	79	0	0	9	3	0	62	74	—	—	0.1	—	18,0	—
Parachinar	214	9	1	00	00	96	02	9	437	72	1	1	7	0	0	60	61	— 3	— 5	4.5	—	20.1	20
Miranshah	000	0	0	05	05	99	00	0	400	87	0	0	9	0	0	71	83	—	—	—	—	—	19
Wana	030	7	0	00	00	98	01	0	477	71	0	0	8	0	0	59	70	—	—	—	—	—	11
Fort Sandeman	000	9	0	02	05	97	05	9	428	77	0	5	5	0	0	65	72	—	— 4	0,1	— 0,7	10,7	11
Hindubag	000	0	0	13	02	08	02	0	435	75	0	0	9	0	0	43	66	—	—	0	—	3,8	—
Loralai	000	0	0	89	02	98	00	0	410	77	0	0	9	0	0	68	68	—	—	01,8	—	4,9	9
Barkhan	000	0	0	13	02	98	02	0	477	52	0	0	9	0	0	14	38	—	—	0	—	0	—
Harnai	000	0	0	00	00	97	30	0	393	86	0	0	9	0	0	72	80	—	—	0	— 0,9	8,7	14
Samungli (Quetta)	000	0	0	13	07	96	05	0	411	77	1	5	6	0	0	42	//	—	—	0	— 0,1	7,3	9
Chaman	000	0	1	13	00	98	00	0	469	84	0	0	9	0	0	39	79	— 3	+ 3	0	— 0,0	4,3	8
Nushki	000	0	0	00	00	98	00	0	466	85	0	0	9	0	0	41	80	—	—	0	—	3,8	—
Dalbandin	000	0	5	00	00	95	05	0	389	81	0	0	9	0	0	42	69	— 1	— 6	0	—	—	4
Kalat	000	0	0	00	00	98	00	0	389	88	3	0	9	0	0	//	61	— 2	— 1	0	— 0,3	6,8	9
Khuzdar																							—
Panjgur																							5

† 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. is rainfall since 0300 hrs. G.M.T. of the same day

Whenever given for RRR see the summary above is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 3rd JULY, 1967.

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 $N_sCh_sh_s$	O $T_sT_sT_dT$	$I_dwd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Anwar Baksh	13 138	854 00	8 26 04	98 02 2	008 30	42 5 13	13 6 22	—	12 0 21	12 0 32
Shama	13 218	690 00	8 27 15	97 50 5	931 30	//////	36 4 16	...	//////	12 7 45
BAY OF BENGAL										
Sagar	11 650	820 12	9 70 22	/////	/////	26 9 09	71 2 27	...	12 0 21	12 0 32
Anwar Baksh	13 153	862 12	8 26 03	98 02 2	999 29	43 5 92	13 6 09	...	—	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPT TT$_d$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
			HHH TTT T$_d$ T $_d$T^d								HHH TTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...	—													
Chittagong ...	00 00	989 268 255	—	...	137 205 295	...	300 145 999	...	578 035 999	575 540 999	979 655 ///	277 850 ///	488 971 ///	...
Dacca ...														
Jiwani ...	00 00	989 282 262	...	...	140 280 999	...	308 185 999	...	583 555 999	856 648 999	971 745 ///	298 938 ///	446 038 ///	—
Karachi ...	00 00	991 292 255	...	...	140 255 295	...	304 145 138	...	576 562 999	749 620 999	964 742 ///	248 948 ///	154 078 ///	...
Lahore ...	00 00	973 325 225	—	...	140 268 168	...	309 180 090	...	588 010 999	772 570 999	...	...	...	...
Multan ...	00 03	981 302 228	...	...	142 285 175	...	309 205 135	...	593 075 999	773 515 999	994 625 ///	298 830 ///	...	...
Peshawar ...														
Quetta	00 00	813 222 138	—	...	139 30 8032	...	358 005 218	...	585 078 802	760 578 999	980 670 ///	269 940 ///	—	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT T$_d$T T$_d$									Max Height Reached PPPTTT T$_d$T^{d}T^d	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca —													
Jiwani ...	00 80	900 29 ///	800 28/ ///	600 06/ ///	350 65/ ///	250 83/ ///	...	...	—	—	250 83/ ///	...	...
Karachi ...	00 08	900 279 252	800 208 885	600 018 015	300 18/ ///	250 33/ ///	—	...	...	—	...	...	...
Lahore ...	00 00	900 285 195	800 245 135	600 105 045	350 610 999	...	—	...	...	—	300 610 999	—	...
Multan ...	00 00	900 305 208	800 262 155	600 150 100	411 00/ ///	250 67/ ///	250 78/ ///	...	...	...	250 70/ ///	...	—
Peshawar ...													
Quetta ...													

P; P—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 G.M.T. of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	5.4	5.4	6.0	7.2	0.9
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	10 13	12 13	14 21	14 28	13 24	...	...	...	—	16 18	17 18	17 18	17 15	17 16	...	11 15	12 14	13 18	13 18	14 14	—	...		...	...	...
Chaklala	...	24 71	28 08	// //	29 04	20 04	30 15	27 27	27 31	...	07 07	10 09	10 08	34 05	29 05	...	13 05	13 04	03 03	01 05	35 03	33 07	31 04	26 09	24 11	26 12
Chhor	14 21	12 13	09 11	04 13	...	...	...	...		16 04	18 02	06 02	04 18	04 25	04 23	09 08	09 10	60 13	05 21	04 23	06 17	07 17	...	...	...	...
Chittgong	No	Ascent	...	...	...	...	...	...		17 18	18 15	18 12	19 18	18 12	—	19 12	20 18	21 17	...	...	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	—	...	...	...	...	17 12	19 13	20 12	20 13	20 13	21 17	No	...	...	Ascent	...	...	...	...	...	...	...
Dacca	15 19	15 23	15 21	...	...	...	...	...	...	14 13	17 18	17 17	18 15	...		14 10	15 09	...	...	...	...	...	...	...	...	...
Dalbandin	...	—	—	25 13	25 18	27 19	34 17	29 16	26 09	—	...	20 07	23 05	26 03	29 03	...	...	15 01	27 02	// //	28 09	39 12	24 07	...	...	...
D. I. Khan	...	...	—	...	...	...	...	...	...	...	...	—	...	...	...	...	...	—	...	...	...	...	...	...	...	—
Drosh	...	..	—	...	22 10	12 03	33 02	...	...	...	—	...	19 04	24 04	29 01	—	...	...	...	15 01	31 01	25 02	05 07	—	...	—
Fort Sandeman	...	—	...	06 06	10 05	01 02	...	...	...	...	...	...	27 04	34 03	08 02	...	...	—	04 05	11 04	11 06	...	...		...	...
Jacobabad	09 11	08 08	09 04	13 01	21 04	24 04	...	...	...	34 04	32 02	29 02	23 03	26 01	27 07	07 15	09 15	08 16	08 19	07 23	07 23	06 19	05 13	02 17	03 15	08 17
Jessore	15 13	18 10	15 16	...	...	...	...	...	...	16 20	17 02	// //	18 20	18 19	...	12 05	14 11	17 11	17 13	17 12	...	...	...	...	—	...
Jhelum	14 00	32 08	32 10	30 13	30 10	31 06	// //	31 17	29 20	06 06	07 06	11 07	01 06	02 06	19 01	13 04	12 06	10 09	11 08	36 03	35 03	03 05	22 03	22 08	26 20	24 31
Jiwani	15 12	14 12	14 09	05 02	20 10	19 12	35 16	34 12	33 14	—	—	—	—	...	...		...	...	...	...		...		...	...	...
Karachi	21 11	16 12	12 12	10 03	05 15	...	...	...	...	...	...	...	...	...		05 08	05 12	04 15	04 13	03 12	20 19	02 21	01 22	04 21	06 18	05 19
Khanpur	...	...	...	...	...	...	...	...	...	14 04	14 11	14 03	13 14	11 07	10 08	07 12	07 10	07 12	06 13	06 19	06 19	05 20	11 13	19 04	27 06	23 21
Lahore	01 05	36 04	35 04	36 04	35 10	34 11	36 10	01 13	—	11 10	14 12	18 07	02 06	01 04	29 04	18 01	21 04	18 06	15 05	09 05	06 06	06 08	05 07	01 09	06 10	25 06
Multan	04 05	04 07	04 11	04 10	08 07	07 06	06 05	...	...	07 06	06 05	05 05	03 02	03 03	05 03	12 07	02 13	10 15	09 20	09 27	68 25	08 25	06 19	05 18	06 22	05 29
Nawab Shah	04 07	05 06	06 06	08 13	05 11	02 29	...	...	...	...	...	...	...	...	...	07 06	06 06	07 09	09 20	04 16	04 17	04 22	05 26	07 18	07 15	—
Panjgur		...	...	...	...	...	...	...	...	—	...			...	...	...	...	...	...	...	...	...	...	—	...	...
Peshawar	...	06 06	10 03	18 11	19 10	24 08	36 07	...	...	...	31 01	01 03	01 03	01 05	02 03	...	08 06	11 02	14 03	05 04	02 09	36 03	28 13	20 13	23 12	29 19
Samungli	...	...	...	...	21 08	18 02	29 06	30 13	30 17	...	...	...	...	...	—	...	...	...	...	15 03	20 04	16 16	23 17	23 13	25 17	32 09
Sargodha	04 04	32 03	28 03	24 05	27 03	35 06	38 11	28 15	28 17	06 06	06 10	04 07	05 02	19 04	31 04	...	...	...	...	...	...	...	...	.	...	...
Sylhet	21 06	43 06	21 06	20 07	...	—	—	—	...	51 17	16 18	17 17	19 17	19 14	...	// //	12 03	15 03	17 07	—	...	...	...	...	...	...
Vravale	...	...	...	—	...	—	—	...	—	...	...	...	...	—	...	—	—	...	...	...	...	...	...	...	...	...

* The actual time of observation may vary within half an hours 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	10.8	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 17	01 15	02 14	03 15	02 13	03 27	02 26	03 33	04 27	04 27	...	...	06 10	05 09	...	...	..	...
Peshawar —		—	...	...	...	—	...	...	...	...	...	—	...	...	—	...	...	—
Quetta ...																		

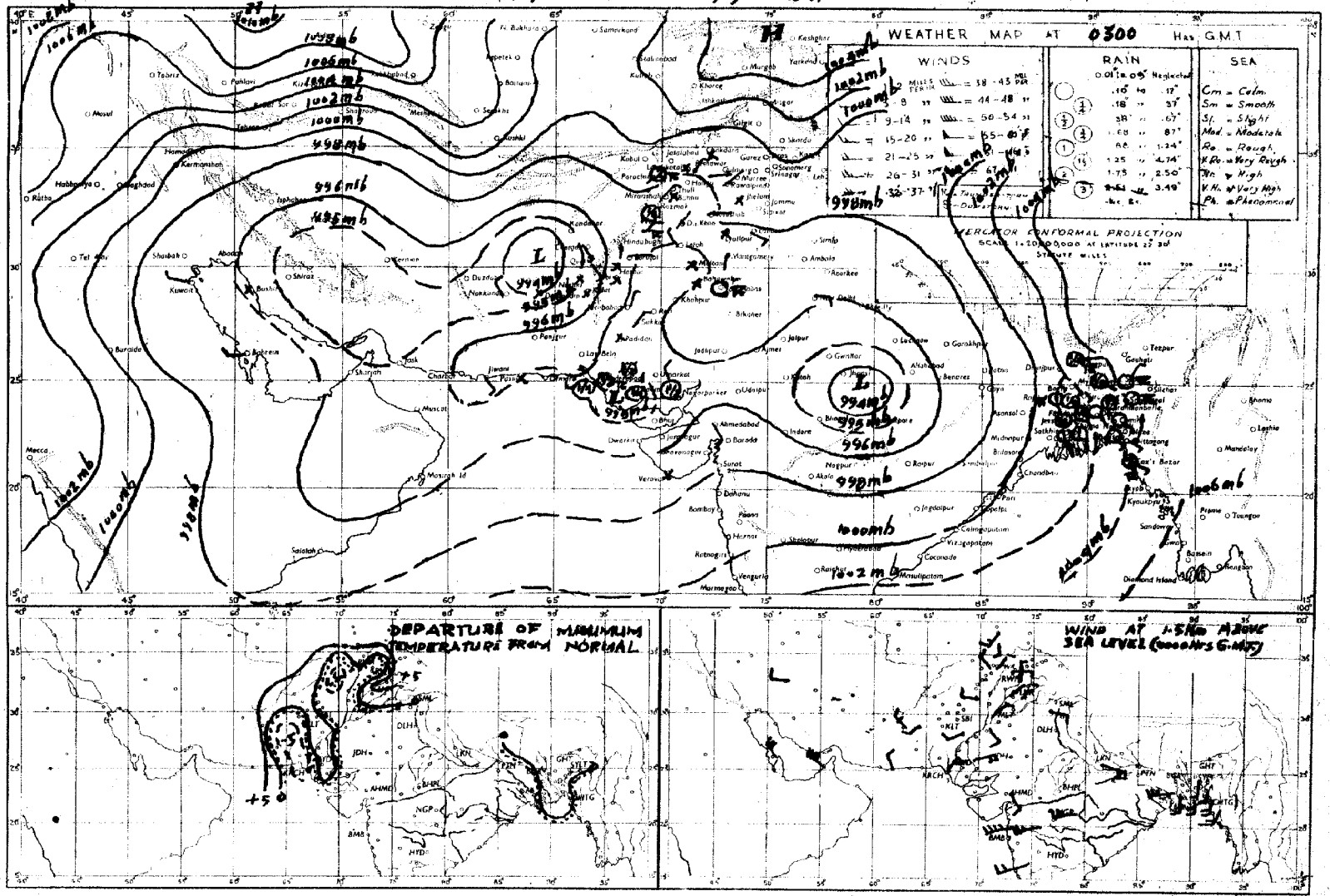
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr etc.)

The accuracy of individual ... cannot be guaranteed. Corrections can be obtained if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—

PAKISTAN DAILY WEATHER MAP

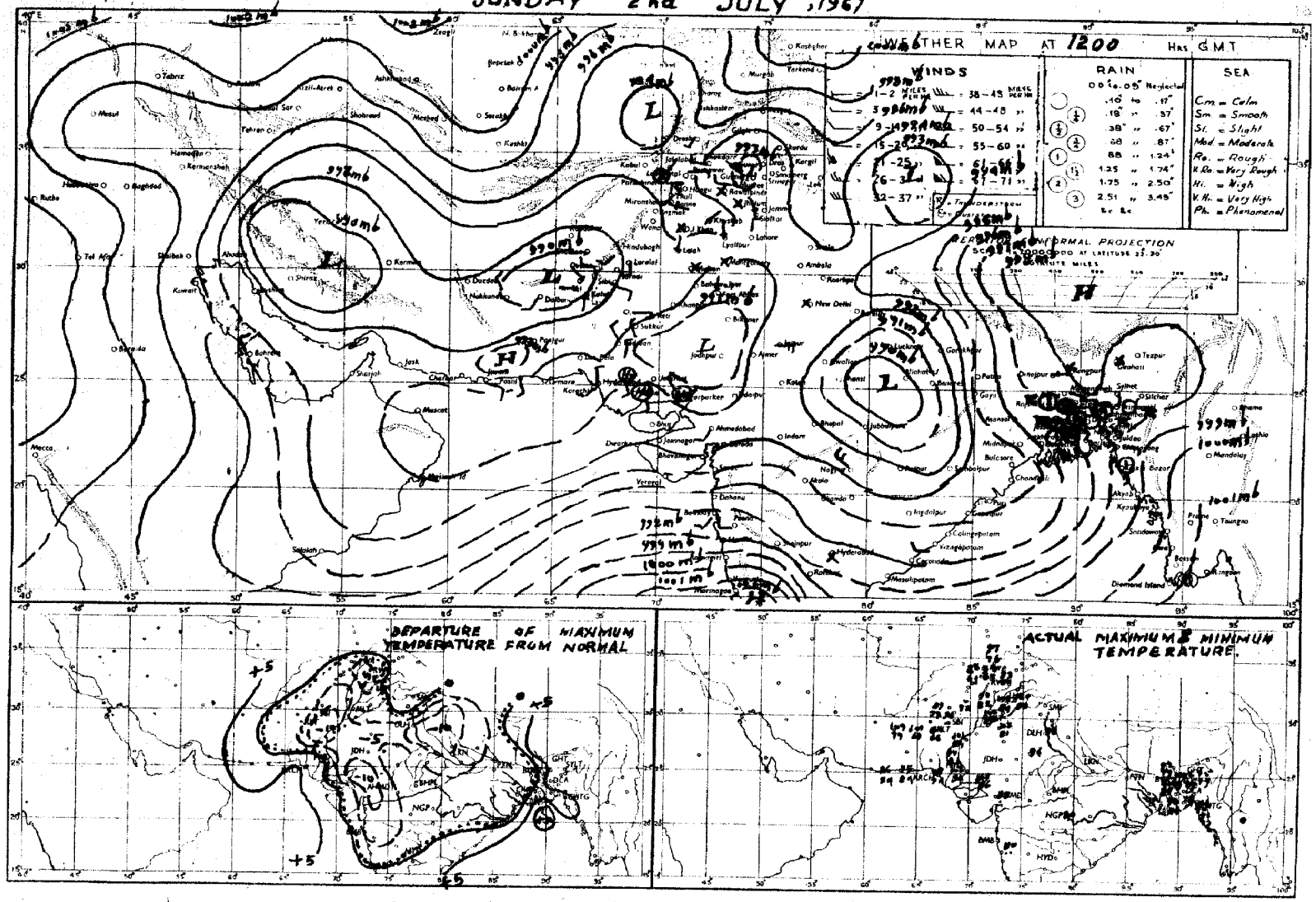
MONDAY 3rd JULY, 1967



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 2nd JULY, 1967



* Rainfall amounts indicated in the above chart refer to past 12 hours.

Pgees 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

Reg. No.S-1467
Volume No. 21

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 4th JULY, 1967.

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

Yesterday's western disturbance is now moving away across north of Kashmir.

The low pressure area over north Arabian Sea and Saurashtra persists.

Observations are meagre but believe yesterdays low pressur over Vindhya Pradesh now lies over south Utter Pradesh and East Rajasthan.

Under their combined influence local rain/thundershowers have occured in Lahore, D.I. Khan, Karachi and Hyderabad divisions and scattered in Peshawar, Quetta and Khairpur divisions. A few falls of light rain or thunderstorms have also occured in Rawalpindi, Sargodha, Multan and Bahawalpur divisions.

Monsoon continues to be moderate in East Pakistan. In its association fairly widespread rain/thundershowers have occured in Khulna, Rajshahi divisions and local elsewhere in East Pakistan.

Chief amounts of rainfall are: Karachi (Airport) 2", Pabna and Rajshahi 3/4" each, Maijdee Court, Dacca, Rangpur, Landikotal, Wana, Chhor ½" each and Rangamati, Cox's Bazar, Sylhet Srimangal, Faridpur, Jessore, Dinajpur, Lahore, Cherat and Miranshah ¼" each.

Day temperatures: These were 3—4°F (2°C) above normal in East Pakistan and in Lahore and Karachi division.

Forecast valid until the evening of 5th July 1967:- Rain/thundershowers will be fairly widespread in Khulna and Rajshahi divisions, local elsewhere in East Pakistan and in Hyderabad, Lahore Multan divisions and in Kashmir and scattered elsewhere in West Pakistan.

Karachi-11
The 4th July, 1967.

(N. A. QURESHI)
for Director, Meterological Services.

OBSERVATIONS

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

DIVISIONS	STATIONS	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	Maximum temperature °F TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	025	3	7	18	02	98	02	1	022	81	5	7	5	7	1	77	95
	Cox's Bazar	025	3	7	16	70	96	01	6	018	81	5	4	4	2	0	79	82
	Chittagong	002	6	8	13	10	97	21	6	020	82	5	3	4	2	7	79	88
	Maijdee Court	000	0	7	18	21	96	02	2	997	85	5	4	4	1	0	79	86
	Comilla	000	0	7	13	13	96	03	2	010	85	4	4	7	0	0	82	xx
	Brahmanbaria	000	0	8	18	05	96	03	1	008	85	3	4	5	2	/	79	92
	Sylhet	000	0	6	00	00	97	.7	7	001	88	9	9	5	2	1	79	103
	Srimangal	031	2	8	00	00	96	95	9	020	81	7	7	3	1	1	79	91
Dacca	Mymensingh	000	0	6	10	32	97	02	2	013	82	6	4	6	0	0	79	90
	Narayanganj	000	0	9	13	04	96	02	2	006	85	8	7	4	/	/	78	92
	Dacca (Tejgaon)	000	0	7	13	04	97	02	2	997	85	5	3	4	2	0	77	90
	Faridpur	035	0	5	16	02	97	02	6	961	81	5	5	5	0	0	79	88
Khulna	Barisal	...																
	Khulna	000	0	5	15	09	97	02	2	996	85	0	0	7	3	0	79	88
	Satkhira	010	0	4	13	01	96	00	6	984	82	4	3	6	0	0	79	88
	Jessore	000	0	6	17	09	97	02	2	994	85	5	4	4	0	8	79	90
Rajshahi	Pabna	076	7	5	13	03	98	01	6	981	89	5	8	6	0	0	79	90
	Sirajganj	010	7	6	09	03	97	02	3	984	86	6	2	/	0	0	81	90
	Rajshahi	035	4	6	13	03	97	03	9	982	81	5	7	4	1	7	81	92
	Bogra	009	7	6	13	03	96	21	6	988	85	6	4	5	3	0	81	90
	Dinajpur	010	3	4	09	02	96	02	5	984	88	4	0	9	2	/	81	90
	Rangpur	000	0	1	09	02	96	01	1	989	88	1	0	9	1	0	76	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	007	2	6	18	07	96	29	9	946	04	2	4	6	7	1	71	106
	Sialkot	000	0	0	23	01	98	00	0	925	01	0	0	9	0	0	72	103
Rawalpindi	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Islamabad																	
	Rawalpindi	000	0	7	00	00	98	03	2	932	96	0	0	9	7	0	51	98
	Campbellpur																	
Sargodha	Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sargodha	000	0	4	09	03	97	03	0	938	03	3	8	6	3	0	68	106
	Lyallpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan	Sahiwal	000	0	2	18	05	95	07	0	931	96	2	0	9	3	0	69	106
	Multan	000	0	5	02	03	97	02	1	924	98	3	2	3	6	1	75	103
	Leiah	000	0	0	05	02	98	00	0	915	08	0	0	9	0	0	73	116
Bahawalpur	Khanpur	000	0	4	05	10	96	01	2	918	03	4	2	6	0	0	66	196
	Bahawalpur	000	0	0	00	00	96	00	0	935	01	0	0	9	0	0	70	103
	Fort Abbas	...	...	...	...			...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chakdara																	
	Peshawar	000	2	7	23	26	97	17	9	954	85	3	3	6	1	2	65	101
	Haripur	000	0	6	10	00	97	01	2	927	96	6	0	9	7	0	74	100
D. I. Khan	Bannu	003	1	6	31	02	99	20	6	943	95	0	0	9	/	/	73	95
	D. I. Khan	000	0	0	00	00	98	00	0	936	08	0	0	9	0	0	72	106
Quetta	Sibi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nokkundi	000	0	0	31	17	95	05	0	891	06	0	0	9	0	0	33	07
Kalat	Turbat	000	0	0	23	03	98	02	0	908	14	0	0	9	0	0	55	16
	Jiwani	000	0	2	18	07	96	03	0	939	95	0	0	9	0	1	75	98
	Pasni	...	...	...	...	...	...	—	—	...	...	...	...	...			...	...
Karachi Division	Ormara																	
	Lasbela																	
	Karachi (Manora)	000	0	7	25	03	98	02	2	909	89	0	0	9	0	0	85	94
	Karachi (Airport)	013	3	6	73	09	95	95	9	921	90	3	7	6	2	0	85	05
Hyderabad	Nagarparkar																	
	Chore	000	0	8	23	07	96	17	6	935	80	0	0	9	0	0	79	11
	Hyderabad	004	1	0	36	03	97	50	2	928	89	8	0	9	2	0	75	99
	Badin	000	0	9	07	05	98	01	0	934	98	0	0	9	0	4	79	99
Khairpur	Padidan	069	4	7	23	03	96	17	9	918	83	2	2	6	2	0	79	03
	Nawabshah	002	1	7	27	05	96	03	2	919	82	5	0	9	6	5	67	05
	Sukkur	///	0	8	31	05	96	03	2	928	03	8	0	9	9	0	79	07
	Kashmore	000	0	0	05	02	98	02	0	927	09	0	0	9	0	0	75	10
	Jacobabad	000	0	5	05	10	96	05	0	922	02	5	5	6	0	0	84	03
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar **																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu **																	
	Misgar *																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	/	29	02	98	02	1	413	74	3	1	4	5	0	62	75
Peshawar	Drosh *	000	6	5	08	02	98	17	8	397	86	5	9	7	3	0	47	97
	Cherat *	036	5	/	//	//	96	03	9	421	73	6	4	6	0	0	55	88
	Kakul *	000	0	9	23	15	//	17	1	408	85	7	4	5	0	0	65	89
	Landikotal *	000	2	8	09	05	96	01	9	405	80	8	7	6	/	/	59	94
	Parachinar *	...	...	...	...	...	—	...	...		...	...	...	...	...	...	...	...
D.I. Khan	Miranshah *	020	1	8	05	05	97	01	2	409	xx	8	2	9	0	0	73	90
	Wana *	000	0	9	01	02	96	65	2	489	83	9	9	7	9	9	65	87
Quetta	Fort Sandeman *	000	1	8	00	00	96	05	9	427	81	8	5	5	9	0	59	92
	Hindubag *	000	0	7	05	05	95	03	03	410	80	7	3	5	0	0	61	92
	Loralai *	000	0	5	05	04	97	02	2	400	81	0	0	9	2	2	68	91
	Barkhan *	000	9	0	13	02	97	02	2	466	65	2	0	9	0	0		
	Harnai *	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...
	Samungli (Quetta) *	000	0	8	18	10	97	01	0	372	91	3	4	6	3	0	52	94
	Chaman *	000	0	0	23	00	98	00	0	385	98	0	0	9	0	0	66	99
	Nushki *	000	0	0	31	02	98	00	0	490	89	0	0	9	0	0	59	00
	Dalbandin *	000	0	0	23	09	95	05	0	384	06	0	0	9	0	0	59	08
Kalat	Kalat *	000	0	0	18	02	98	00	0	354	88	0	0	9	0	0	26	99
	Khuzdar *																	
	Panjgur *																	

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

DIVISIONS	STATIONS	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 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 1967 to-date	Rainfall Departure from normal	Rainfall Since 1st January 1967 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	Rangamati	025	0	4	18	02	93	03	1	059	90	2	8	7	/	1	78	79	—	—	9,5	—	21,2	—
	Cox's Bazar	025	9	7	13	10	97	03	6	046	82	7	7	6	3	1	77	77	— 4	0	—	—	—	149
	Chittagong	002	9	4	13	09	97	01	6	048	88	2	8	5	4	1	77	79	+ 2	+ 2	—	—	—	108
	Maijdee Court	060	9	5	16	09	96	01	6	034	84	2	5	5	2	1	77	79	0	0	19,1	— 04,3	40,8	115
	Comilla	000	0	4	18	05	96	02	1	036	84	4	4	5	0	0	81	79	/	+ 2	—	—	—	94
	Brahmanbaria	000	0	6	13	07	97	03	1	043	84	6	5	4	0	0	76	79	—	—	29,3	—	71,4	78
	Sylhet	023	9	8	00	00	96	17	9	048	84	6	9	4	2	/	76	81	—	—	39,8		71,6	—
	Srimangal	037	9	3	00	00	96	01	9	983	88	0	0	9	7	2	77	77	+ 4	— 1	—	—	—	98
Dacca	Mymensingh	000	8	7	13	02	97	50	2	043	85	7	5	5	0	0	79	79		+ 1	11,2	— 8,4	24 9	91
	Narayanganj	009	1	8	13	00	97	03	6	031	82	6	7	4	3	/	79	70	+ 3	—	6 7	— 7,3	22.9	74
	Dacca (Tejgaon)	040	9	8	13	05	97	61	6	032	79	7	6	3	2	/	79	79	+ 4	—	10 1	—	29,9	—
	Faridpur	035	0	8	16	02	97	02	2	015	85	7	3	5	1	0	79	79	0	+ 1	16.4	+ 2,0	24,7	71
Khulna	Barisal	000	0	8	18	02	96	02	5	056	85	8	7	6	0	0	79	81		+ 2	—	—	—	81
	Khulna	000	0	6	00	00	97	02	2	017	84	0	0	7	4	0	79	79	0	+ 1	9,01	— 5 3	21.3	68
	Satkhira	010	0	4	18	01	95	00	0	106	81	4	4	4	0	0	81	79	— 1	— 1	9,4	— 4.6	19.3	65
	Jessore	023	9	7	13	10	97	02	6	020	83	6	4	4	4	8	79	79	—	—	—	—	—	65
Rajshahi	Pabna	088	6	8	11	05	59	01	6	021	85	6	8	6	0	0	81	81	—	—	1,7	—	6,8	59
	Sirajganj	010	9	6	09	07	98	02	2	019	82	6	4	5	0	0	79	79	+ 3	+ 1	—	—	—	64
	Rajshahi	071	9	0	09	03	97	03	9	002	82	8	4	4	.	/	81	79	+ 3	0	7.5	— 5,3	15,1	—
	Bogra	009	/	8	09	08	96	50	2	029	81	6	5	3	2	/	79	79	+ 1	+ 1	200.1	+ 04,9	38.5	69
	Dinajpur	029	3	6	09	01	96	03	2	025	84	4	5	6	2		79	79	+ 1	+ 1	—	—	—	72
	Rangpur	040	9	5	13	05	96	03	6	041	84	5	0	9	2	0	79	79	+ 2	+ 1	10,7	+ 9.3	26.35	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	023	1	8	13	07	96	63	6	981	83	3	5	6	7	/	77	82	+ 4	+ 2	0 3	— 1,7	4,6	19
	Sialkot	000	2	8	00	00	96	02	0	965	86	8	6	8	0	0	77	79	+ 3	— 2	—	—	—	32
Rawalpindi	Jhelum	000	0	7	31	05	96	12	1	961	88	3	5	6	1	0	73	94	—	—	1,9	—	7,9	—
	Islamabad																							—
	Rawalpindi	000	0	6	00	00	98	01	2	966	82	6	0	9	7	0	67	79	— 2	+ 2	1,7	— 1.3	12.6	36
	Campbellpur																							—
Sargodha	Khushab	000	0	5	18	03	97	03	2	967	88	0	0	9	4	0	75	//	/	/	0,4	— 1.3	6.9	19
	Sargodha	000	9	7	18	05	96	06	2	973	86	6	2	6	3	0	69	80	—	—	0	—	0	—
	Lyallpur	000	9	5	34	02	96	50	9	976	85	5	9	8	0	0	73	81		— 2	0	— 1,5	4,3	12
Multan	Sahiwal	002	0	6	36	03	96	02	2	967	86	5	5	6	3	0	71	81	— 1	— 3	0.7	— 0,6	4.5	10
	Multan	005	9	6	05	02	97	01	9	967	88	3	4	6	7	0	79	81	0	— 5	1:4	+ 0,7	3,7	7
	Leiah	000	0	0	19	00	96	00	0	989	99	0	0	9	0	0	74	72	—	—	0	—	0	8
Bahawalpur	Khanpur	000	0	7	05	99	96	02	2	956	88	3	5	6	3	0	73	84	— 1	+ 1	0	— 0,5	1,6	6
	Bahawalpur	000	9	5	00	00	94	05	5	974	85	0	0	9	0	0	76	82	— 2	— 2	0.3	+ 0,2	1,9	6
	Fort Abbas	000	2	5	36	05	97	35	2	958	91	0	5	7	2	0	74	83	—	—	0	—	0 5	8
Peshawar	Chakdara																							—
	Peshawar	000	9	6	23	02	97	19	0	961	90	3	5	6	3	0	64	78	— 3	— 2	0	— 0,3	13,4	11
	Haripur	000	0	7	36	01	97	03	2	961	87	7	0	9	7	0	64	77	—	—	2.1	—	12,8	—
D. I. Khan	Bannu	001	0	6	20	01	99	03	2	969	81	0	/	9	/	1	75	73	—	—	0,2	—	3,0	11
	D. I. Khan	000	0	0	00	00	98	00	0	963	88	0	0	9	0	0	72	82	+ 1	— 1	0.5	— 0,2	4.5	9
Quetta	Sibi	000	0	2	00	00	97	03	0	959	90	0	2	9	2	0	52	87	—	—	0.3	—	4,6	5
	Nokkundi	000	0	2	31	76	95	05	0	940	87	2	5	7	0	0	46	88	—	—	0	—	0.9	2
Kalat	Turbat	000	0	2	23	02	98	02	0	976	90	0	0	9	0	0	78	87	—	—	—	—	0.3	—
	Jiwani	000	0	2	13	03	96	02	0	963	07	2	6	5	0	0	81	84	—	—	0	—	1 1	5
	Pasni	000	0	0	00	00	97	02	0	067	77	1	6	5	0	0	80	84		+ 5	0	— 0,3	0,0	6
Karachi Division	Ormara																							6
	Lasbela																							8
	Karachi (Manora)																		+ 4					8
	Karachi (Airport)	176	9	6	13	03	96	02	9	953	88	6	0	9	2	0	85	78	—	—	2,7	—	8,7	—
Hyderabad	Nagarparkar																							—
	Chore	064	9	8	00	00	96	02	9	948	88	8	0	9	7	0	31	79	—	—	0,7	—	0.7	7
	Hyderabad	004	9	8	36	03	97	02	5	956	86	8	0	9	3	0	77	83	— 2	+ 1	10,1	+ 0,3	3,0	9
	Badin	014	0	8	36	02	98	03	0	957	86	8	6	6	0	0	[illegible]	79	81	+ 2	0,3	— 1.5	2,1	
Khairpur	Padidan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Nawabshah	002	9	6	05	02	96	03	2	955	87	3	0	9	2	7	79	84	—	—	0 0	—	1,1	—
	Sukkur	009	9	8	13	03	96	03	2	955	89	8	0	9	9	0	76	86	—	—	0	—	0,7	4
	Kashmore																		—					—
	Jacobabad																							4
Junagadh	Veraval	000	0	3	07	12	96	02	9	964	93	1	0	9	3	1	79	87	— 8	+ 2	0	— 0,3	1,5	
	HILL STATIONS																							
Kashmir	Srinagar **																							30
	Gulmarg **																							28
	Sonamarg **																							—
	Dras **																							71
	Leh **																							28
	Skardu **																							3
	Misgar *																							6
	Aliabad *																							—
	Gilgit *																							—
Rawalpindi	Murree *	002	9	5	27	02	97	02	9	456	69	5	5	4	0	0	52	61	— 1	+ 2	—	—	—	5
Peshawar	Drosh *	...																						59
	Cherat *	036	0	3	36	12	97	03	1	416	74	3	2	7	0	0	54	70	— 3	— 2	2 1	+ 0,9	15,7	18
	Kakul *	009	4	7	36	02	97	03	9	437	76	7	4	6	0	0	58	70	—	—	2,7	—	24,4	29
	Landikotal *	060	0	8	36	03	96	51	0	377	76	8	7	6	/	/	50	67	—	—	0.7	—	12,6	—
	Parachinar *	006	9	5	31	02	97	29	9	427	66	2	2	6	7	0	54	64	—	— 2	4.6	—	20.1	—
D.I. Khan	Miranshah *	025	2	6	05	05	98	03	6	407	78	6	0	9	0	0	61	75	—	—	0,5	— 0,5	2.5	29
	Wana *	027	5	0	00	00	99	00	6	477	71	0	0	9	0	0	56	71	—	—	0,5	—	5.4	13
Quetta	Fort Sandeman *	014	0	0	36	05	97	02	9	426	72	0	0	9	0	0	64	79	— 11	— 6	0,2	— 0,5	10.9	11
	Hindubag *	000	0	0	00	00	98	02		430	81	0	0	9	0	0	42	64	—	—	0	—	5,8	11
	Loralai *	000	0	6	27	02	97	02	2	410	73	0	0	9	3	2	62	65	—	—	0,1	—	4,97	—
	Barkhan *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						9
	Harnai *	000	0	0	00	00	97	02	0	395	89	0	0	9	0	0	85	80	—	—	0	— 0.9	8.7	—
	Samungli (Quetta) *	000	0	0	00	00	96	05	0	410	77	0	0	9	0	0	60	69		—	0	— 0,1	7,5	14
	Chaman *	000	0	0	36	00	98	00	0	395	82	0	0	9	0	0	58	77	— 3	+ 1	0	— 0.0	4.2	9
	Nushki *	000	0	0	09	02	98	00	0	470	89	0	0	9	0	0	48	79	—	—	0	—	3 8	8
	Dalbandin *	000	0	0	00	00	95	05	0	402	89	0	0	9	0	0	54	73	— 1	— 2	0	— 0 0	1,8	—
Kalat	Kalat *	000	0	0	00	00	98	00	0	416	72	0	0	9	0	0	38	62	— 1	0	0	— 0,2	6.3	4
	Khuzdar *																							7
	Panjgur *																							5

† 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. is rainfall since 0000 hrs. G.M.T. of the same day

Whenever given for RRR see the summary above it for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 4th JULY, 1967.

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 $N_sCh_sh_s$	O $_sT_T_sT_dT$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Zafara	23 167	574 36	8 22 24	97 /2 2	025 28	88 4 2/	00 2 25	12 1 23	12 2 35	...
Avidrecht	23 032	502 06	5 22 13	98 02 1	100 26	58 4 00	16 / //	11 3 23	12 0 22	11 5 33
Asia	23 227	681 12	7 32 12	97 01 2	888 79	75 1 70	75 7 00	05 1 26	12 2 42	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPT TT$_d$T$_d$T$_d$	1000 mb (HHH TTT $T_dT_dT_d$)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb (HHH TTT)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	/// //, ///	-	...	140 222 222	...	311 155 355	...	590 015 999	766 565 999	986 688 ///	284 878 ///	496 010 ///	785 118 ///
Dacca ...	00 00	/// /// ///	...	...	140 168 999	...	304 090 999	...	57/ 525 999	752 603 999	968 745 ///	251 960 ///	436 108 ///	...
Jiwani ...														...
Karachi ...		MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	00 00	972 352 225	-	...	193 350 170	...	314 175 125	...	601 515 999	775 630 999	988 255 ///	...	...	...
Multan ...	00 00	982 312 262	...	...	140 308 218	...	310 168 052	...	584 525 999	759 605 999	977 698 ///	276 790 ///	...	...
Peshawar ...	00 00	959 282 209	—	...	145 265 218	...	310 172 999	—	589 032 999	767 555 999	986 702 ///	...	...	...
Quetta														

STATION	Time of ascent in G.M.T.	At Significant Levels (PPP TTT $T_dT_dT_d$)									Max Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 245 245	800 018 198	600 10/ ///	480 00/ ///	250 61/ ///	250 76/ ///	...	—	...	250 76/ ///	...	...
Dacca ...	00 00	900 21/ ///	800 15/ ///	600 03/ ///	500 00/ ///	250 67/ ///	250 84/ ///	...	...	...	250 84/ ///	—	—
Jiwani ...													
Karachi ...	00 00	MISDA	...	...	...	...	—	...	...	—	...	...	...
Lahore ...	00 00	900 332 205	800 252 158	600 085 999	350 695 999	...		...	...	-	300 988 255	—	—
Multan ...	00 00	900 312 202	800 282 205	600 05/ ///	530 00/ ///	350 64/ ///	250 72/ ///	...	...	—	200 276 790	...	...
Peshawar ...	00 00	900 288 235	800 252 202	600 10/ ///	350 62/ ///	250 79/ ///	...	...	—	...	250 79/ ///	...	...
Quetta ...													

P P—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	13 14	13 18	13 18	14 17	15 15	...	...	...	—
Chaklala	...	12 03	14 04	15 03	14 02	19 03	36 02	// //	016 15
Chhor	16 29	...	...	...	...	...	...	—	...
Chittagong	14 15	18 43	18 43	17 19	—	...	...	...	...
Cox's Bazar	17 13	17 23	18 28	18 30	19 28	...	...	...	...
Dacca	...	15 22	17 22	14 12	16 19	16 11	...	—	...
Dalbandin	...	...	23 13	25 17	26 09	30 14	32 19	32 25	63 55
D. I. Khan	...	...	—	...	...	...	...	...	...
Drosh	...	...	—	...	25 07	08 06	...	...	...
Fort Sandeman	...	...	...	...	23 06	20 09	21 14	29 23	...
Jacobabad	13 04	11 08	11 06	04 04	33 04	06 12	02 12	02 12	03 13
Jessore	15 14	15 22	15 23	15 18	15 19	...	...	...	...
Jhelum	14 04	07 05	08 07	16 06	18 00	36 02	14 03	15 04	32 04
Jiwani	17 05	13 05	// //	11 05	// //	29 11	01 15	// //	03 04
Karachi	21 11	16 12	12 12	03 16	05 15	...	...	...	...
Khanpur	08 10	08 12	07 14	09 14	07 18	05 18	05 13	05 05	34 05
Lahore	19 11	19 09	18 10	14 06	12 04	03 04	08 06	// //	06 12
Multan	...	...	...	...	...	...	...	...	...
Nawab Shah	32 14	36 15	01 15	02 19	12 21	04 29	...	...	...
Panjgur		...	...	...	...	...	...	—	...
Peshawar	...	19 17	18 21	30 81	18 32	// //	05 08	—	28 02
Samungli	...	...	...	...	18 10	21 06	25 08	26 04	...
Sargodha	30 07	32 13	34 09	26 04	07 02	17 04	17 11	// //	01 28
Sylhet	13 00	15 08	19 07	18 10	18 13	...	...	...	...
Vravale	...	...	...	...	...	—	—	...	—

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	17 08	18 15	18 19	...	...	...
Chaklala	...	30 02	24 05	28 05	31 07	35 13
Chhor	03 09	03 09	05 11	04 19	09 33	04 33
Chittagong	16 35	17 46	15 48	14 27	...	.
Cox's Bazar		...	...	...	...	...
Dacca	13 16	...	...	...	...	
Dalbandin	..	...	29 05	26 03	25 03	23 03
D. I. Khan	...	...	—	...	...	...
Drosh	...	...	...	...	...	...
Fort Sandeman	...	...	...	30 06	35 04	06 02
Jacobabad	05 12	07 19	08 21	06 12	04 08	15 10
Jessore	13 12	14 08	15 05		...	...
Jhelum	22 10	34 06	34 03	29 05	31 08	31 06
Jiwani		...	...	...	...	...
Karachi	33 17	34 15	03 13	04 17	04 23	..
Khanpur	62 13	04 17	07 15	06 08	03 10	...
Lahore	04 02	31 03	38 08	// //	17 02	...
Multan	26 23	03 0/	06 07	10 06	14 06	...
Nawab Shah	35 08	04 06	01 07	05 22	04 32	02 33
Panjgur	...	...		...	...	...
Peshawar	...	01 07	35 05	31 04	33 08	32 14
Samungli	...	...	...	...	22 36	24 06
Sargodha	31 15	33 12	34 08	05 04	01 07	08 03
Sylhet	11 17	12 15	12 13	...	...	...
Vravale	...	...	...	...	...	...

At 0600 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	5.4	5.4	6.0	7.2	0.9
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	13 22	13 18		...	...	—	...	...	...	...	...
Chaklala	...	// //	13 03	07 04	30 04	—	...	...	...	...	...
Chhor	03 08	03 11	04 16	05 21	05 21	03 11	...	...	...	...	...
Chittagong	17 35	15 30	18 19	19 22	...	...	...	...	...	...	...
Cox's Bazar	19 16	19 20	20 21	20 29	21 28	...	...	...	...	...	...
Dacca	14 21	16 17	...	...	...					...	...
Dalbandin	...	...	10 01	02 04	03 17	02 14	34 27	// //	34 14	...	...
D. I. Khan	...	...	—	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	...			...	...	...	...
Fort Sandeman	...	...		25 04	24 07	28 12	29 16			...	...
Jacobabad	08 04	09 31	08 29	08 22	04 16	04 18	03 24	01 26	02 29	07 12	16 06
Jessore	14 08	15 13	16 14	22 20	22 30	21 29			...	...	...
Jhelum	13 03	23 02	16 02	14 07	11 02	35 15	36 07	36 09	...	...	...
Jiwani	12 12	14 04	34 05	36 26	...	...	...	..	...	...	...
Karachi	30 08	35 10	01 10	...	...	...	...	...	...	...	...
Khanpur	06 07	07 11	08 15	07 15	07 18		—	...	...	...	...
Lahore	17 12	17 15	17 17	19 07	21 06	21 07	...	...	...	...	...
Multan	09 10	10 10	09 07	34 03	01 06	36 12	...	...	...	...	...
Nawab Shah	03 05	03 13	04 16	03 15	03 25	03 26	...	...	...	...	...
Panjgur	...	...	...	...	...			...	...	...	...
Peshawar	...	13 04	20 02	30 11	33 17	34 11	31 20	...	—	...	...
Samungli	...	...	...	...	01 02	34 12	34 10	33 10	33 12	32 16	32 13
Sargodha	19 03	09 04	08 03	29 01	35 03	01 05	02 07	29 07	21 13	16 59	...
Sylhet	...	...	...	...	...	...	...	...	...	...	...
Vravale	...	...	...	...	...	...	...	...	...	...	...

* The ctutl time of observation may vary within half an hours 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 ...	...	36 05	35 02	34 04	99 03	28 01	33 08	33 12	...	.	...	...	...	...	...	...	..	...

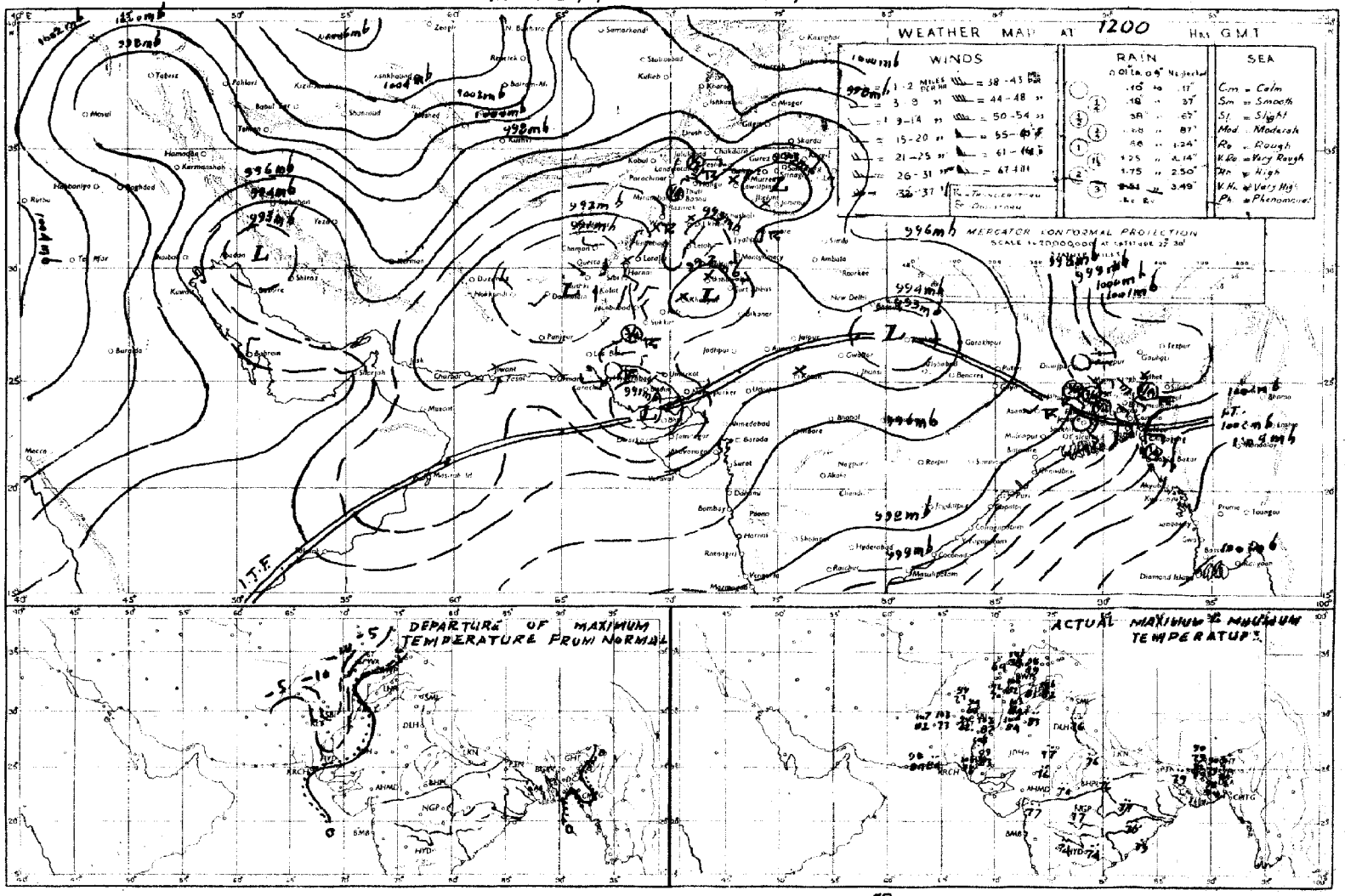
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hunbred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr etc.)

The accuracy of individual and/or foreign reports cannot be guaranteed. Corrections can be obtained if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—8.

PAKISTAN DAILY WEATHER MAP

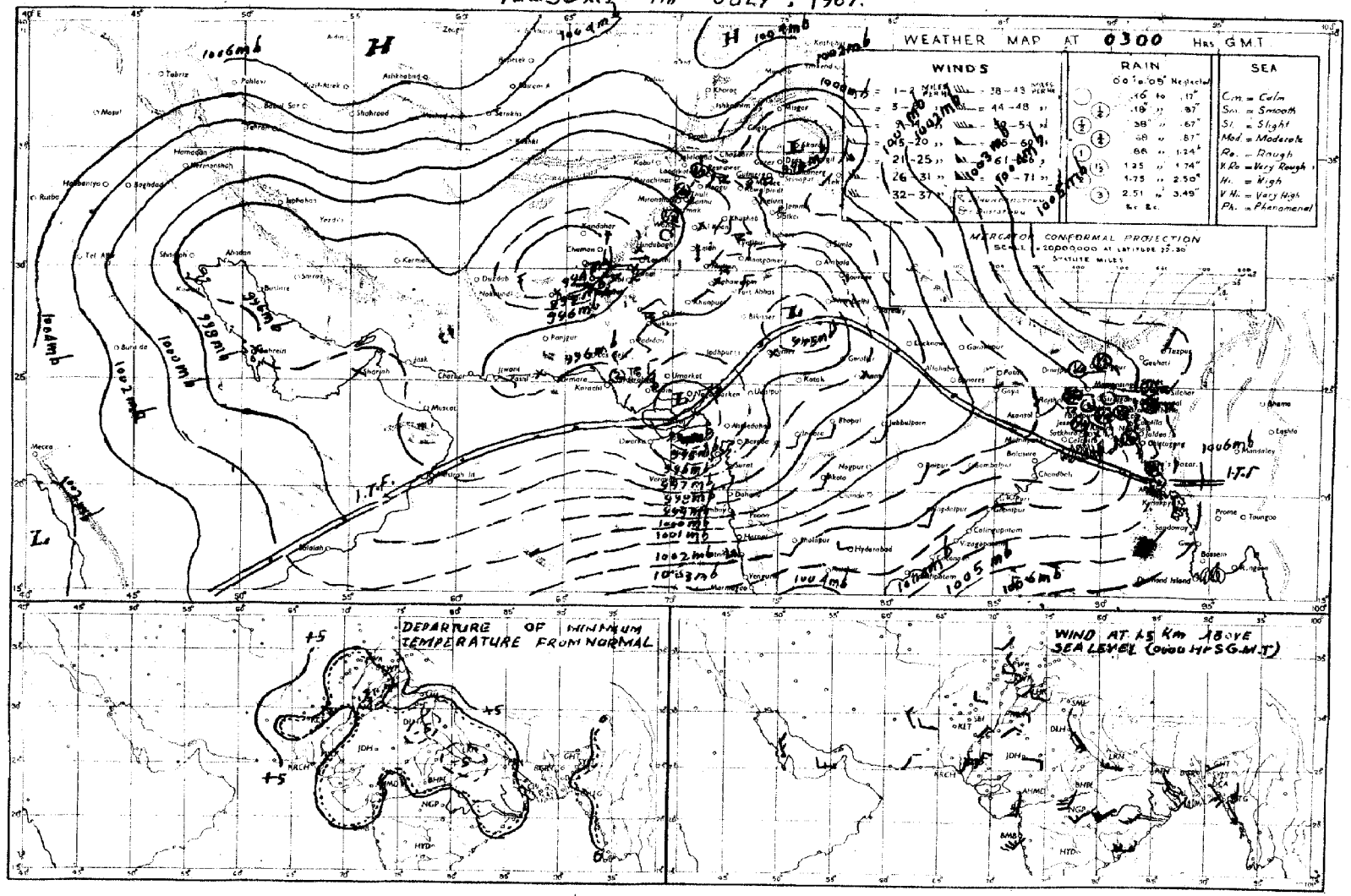
MONDAY 3rd JULY 1967



Rainfall amounts indicated in the above chart refer to past 12 hours

PAKISTAN DAILY WEATHER MAP

TUESDAY 4th JULY, 1967.



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

Pgees 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

WEDNESDAY THE 5th JULY, 1967.

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

Yesterday's western disturbance is moving away across East Russian Turkistan.

The low pressure area over Saurashtra and adjoining Hyderabad division is weakening.

The low pressure area over West Uttar Pradesh and East Rajasthan now lies over Punjab India.

Under their combined influence fairly widespread rain/thundershowers have occured in Lahore division, local in Hyderabad division and scattered in Multan, Bahawalpur, Peshawar, Quetta, Karachi and Khairpur divisions. A few falls of light rain or thunderstorms have also occured in Rawalpindi and D.I. Khan divisions.

Monsoon is moderate over East Pakistan. It has caused fairly widespread rain/thundershowers in Chittagong, Dacca and Rajshahi divisions and local in Khulna division.

Chief amounts of rainfall are: Fort Abbas 4", Dacca and Rajshahi 3" each, Barisal and Lahore 1½" each, Cox's Bazar, Comilla, Faridpur and Nawabshah 1" each, Srimangal and Sialkot 3/4" each and Maijdee Court, Narayanganj, Satkhira, Bogra, Dinajpur, Rangpur, Chakdara (upto 05,0000Z) Sibi, Harrai, Karachi (Airport) Nagarparkar and Chahchro ½" each.

Day temperatures: were 11—16°F (6—9°C) below normal in Lahore, Sargodha, Multan and Bahawalpur divisions and 3—6°F (2—3°C) so in Rawalpindi, Peshawar, Quetta, Khairpur and Hyderabad divisions.

Forecast valid until the evening of 6th July, 1967:- Rain/thundershowers will be fairly widespread in East Pakistan, local in Lahore and Hyderabad divisions and scattered elsewhere in West Pakistan outside Kalat division.

Karachi-11
The 5th July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meterological Services.

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

Divisions	Stations (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 f (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	Rangamati	026	3	6	18	09	97	01	9	046	82	4	7	4	7	3	82	92
	Cox's Bazar	013	5	7	18	10	97	21	6	031	80	3	4	4	7	0	77	85
	Chittagong	000	3	7	18	14	97	01	6	034	82	6	8	3	3	0	77	89
	Maijdee Court	035	6	7	16	15	96	03	6	009	85	4	4	3	0	0	70	84
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sylhet	010	3	5	05	02	97	01	6	017	85	3	4	5	1	0	79	90
	Srimangal	000	7	8	00	00	96	03	9	023	85	4	5	3	3	2	77	90
Dacca	Mymensingh	008	3	4	13	02	97	02	2	023	82	4	5	7	0	0	79	91
	Narayanganj	000	0	3	13	02	96	02	1	009	86	2	7	4	3	1	77	90
	Dacca (Tejgaon)	003	6	5	13	13	97	01	6	004	85	3	8	4	4	1	79	88
	Faridpur	015	0	4	16	02	97	02	6	959	85	3	5	5	1	/	79	88
Khulna	Barisal	008	4	8	18	02	56	02	5	015	85	8	7	6	/	/	79	88
	Khulna	000	0	5	09	05	97	02	2	999	88	0	0	7	4	0	79	92
	Satkhira	030	0	6	18	01	96	5:	0	996	84	6	5	4	0	/	81	//
	Jessore	003	6	5	18	08	97	03	2	003	88	4	4	4	3	0	79	88
Rajshahi	Pubna	000	0	6	18	05	97	02	2	990	86	6	2	6	0	0	86	88
	Sirajganj	022	5	7	09	02	96	03	6	997	//	7	4	/	/	/	79	88
	Rajshahi	000	2	6	09	03	96	01	6	999	85	4	5	5	3	9	79	98
	Bogra	000	9	6	09	02	96	03	2	991	85	4	5	6	2	/	81	90
	Dinajpur	000	0	4	09	02	96	03	1	987	88	4	0	9	2	0	76	92
	Rangpur																	
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	014	9	7	09	03	96	02	6	971	85	3	4	6	7	0	75	86
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	2	7	13	03	98	02	6	971	87	4	6	6	7	0	68	94
	Islamabad																	
	Rawalpindi	000	0	6	13	07	98	03	2	958	90	0	0	9	9	0	67	98
	Campbellpur																	
Sargodha	Khushab	000	0	6	09	03	98	03	2	953	96	4	2	9	4	0	73	99
	Sargodha	000	0	3	09	15	97	02	1	967	92	/	/	6	3	0	71	9/
	Lyallpur	000	3	5	36	02	66	02	5	960	88	4	3	8	0	0	73	91
Multan	Sahiwal	018	6	4	18	02	96	01	6	955	87	2	1	6	3	0	75	89
	Multan	000	0	5	13	05	97	02	2	943	91	5	0	9	7	0	70	92
	Leiah	000	0	0	36	01	98	00	0	921	12	0	0	9	0	0	73	15
Bahawalpur	Khanpur	000	0	7	05	10	95	05	2	940	91	3	5	6	2	0	73	96
	Bahawalpur	000	6	0	00	00	95	01	6	955	89	0	0	9	0	0	76	89
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chakdara	000	0	1	09	02	97	02	1	925	01	1	1	6	3	0	61	02
	Peshawar	000	4	4	13	10	97	01	1	931	98	0	0	9	0	0	//	00
	Haripur																	
D. I. Khan	Bannu	000	0	0	18	01	99	00	0	927	00	0	0	9	0	0	67	00
	D. I. Khan	000	0	0	00	00	98	00	0	935	96	0	0	9	0	0	73	05
Quetta	Sibi	000	0	4	18	03	97	03	1	915	10	2	2	9	2	2	48	12
	Nokkundi	000	0	0	31	19	93	07	0	900	06	0	0	9	0	0	34	07
Kalat	Turbat	000	0	0	23	02	98	02	0	911	13	0	/	9	0	0	63	14
	Jiwani	000	0	0	23	07	97	02	0	935	91	0	0	9	0	0	63	94
	Pasni	000	0	0	23	23	97	02	8	921	93	0	0	9	0	0	77	98
Karachi Division	Ormara																	
	Lasbela																	
	Karachi (Manora)	000	0	7	27	07	96	03	2	921	90	0	0	9	3	0	85	93
	Karachi (Airport)	054	3	7	27	07	96	29	9	920	93	4	5	6	3	0	88	97
Hyderabad	Nagarparkar	000	0	8	31	05	97	03	1	906	91	4	5	7	0	0	88	95
	Chore	000	0	6	02	14	97	02	2	924	89	2	1	6	7	0	78	97
	Hyderabad	002	1	8	18	03	97	20	5	927	89	8	0	9	2	0	79	98
	Badin	000	0	9	36	09	97	50	0	929	95	9	6	5	0	0	78	96
Khairpur	Padidan	000	0	7	13	14	94	07	2	936	90	5	4	7	2	0	76	92
	Nawabshah	000	0	7	09	16	96	07	2	933	89	4	5	6	2	0	78	04
	Sukkur	000	3	8	16	05	96	03	2	940	95	8	0	9	9	0	75	04
	Kashmore	000	0	8	05	06	95	03	2	923	01	2	2	8	0	6	76	01
	Jacobabad	000	0	2	09	12	96	05	0	915	05	2	2	6	0	0	75	06
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu **																	
	Misgar *																	
	Aliabad *																	
	Gilghit *																	
Rawalpindi	Murree *	000	0	8	09	02	96	17	1	401	69	8	9	3	/	/	60	71
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cherat *	000	0	0	36	02	98	00	1	421	88	0	0	9	0	0	61	90
	Kakul *	000	0	5	18	17	95	17	1	411	82	6	4	5	0	0	66	87
	Landikotal *	000	0	0	05	05	93	02	0	390	93	0	0	9	0	0		95
	Parachinar *	000	0	2	09	02	97	02	0	339	83	2	2	7	0	0	52	85
D.I. Khan	Miranshah *	005	0	0	05	05	99	00	0	390	81	0	0	9	0	0	71	89
	Wana *	000	0	3	01	03	97	50	1	451	87	9	9	7	9	9	68	90
Quetta	Fort Sandeman *	000	0	8	09	13	98	17	0	399	88	2	7	5	3	0	51	96
	Hindubag *	000	0	0	05	03	98	02	0	376	84	0	0	5	0	0	33	94
	Loralai *	000	0	2	23	02	97	01	1	367	94	0	0	9	2	0	79	95
	Barkhan *	000	0	0	13	03	97	03	0	466		0	0	9	0	0	22	99
	Harnai *	000	0	0	00	00	96	02	0	375	98	0	0	0	0	0	62	99
	Samungli (Quetta) *	000	0	2	31	07	97	03	0	370	93	1	5	6	0	0	41	96
	Chaman *	000	0	0	31	00	98	00	0	389	98	0	0	9	0	0	73	00
	Nushki *	000	0	0	31	02	98	00	0	434	95	0	0	9	0	0	59	02
	Dalbandin *	000	0	1	31	10	95	05	0	383	07	1	5	9	0	0	65	10
Kalat	Kalat *	000	0	0	18	02	98	00	1	365	88	0	0	9	0	0	26	90
	Khuzdar *																	
	Panjgur *																	

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

Divisions	Stations (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 f (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths) PPP (28)	Dry Bulb temperature 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 1967 to-date (39)	Departure from normal (40)	Since 1st January, 1967 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	036	4	7	18	02	98	20	6	092	81	5	7	5	/	/	77	77	—	—	9,9	—	21,6	—
	Cox's Bazar	119	2	6	18	06	97	21	6	073	82	4	9	4	3	0	79	79	— 1	+ 2	—	—	—	143
	Chittagong	015	9	8	13	09	97	61	6	077	81	1	2	4	2	0	79	77	+ 2	0	—	—	—	108
	Maijdee Court	055	9	8	18	02	95	61	6	067	86	8	5	4	1	1	79	76	0	— 3	19,6	— 4,5	41,4	115
	Comilla	057	3	8	18	05	96	02	0	066	79	8	4	4	/	/	77	77		0	—	—	—	94
	Brahmanbaria	013	0	7	23	05	96	03	!	064	81	3	5	5	2	0	77	79		—	29,5	—	71,5	78
	Sylhet	033	9	1	30	60	96	60	6	062	79	7	7	3	2	/	79	79	—	—	40,1	—	71,8	—
	Srimangal	075	9	8	09	03	96	95	9	066	79	7	7	3	1	/	77	77	+ 3	— 1	—	—	—	98
Dacca	Mymensingh	002	8	7	00	00	96	03	2	057	82	7	5	5	0	0	79	79	+ 4	+ 1	11,3	— 9,0	25 0	91
	Narayanganj	045	0	8	23	03	37	03	2	056	82	8	7	4	/	/	79	79	+ 2	0	7 1	— 7,3	23,3	74
	Dacca (Tejgaon)	126	7	8	18	02	57	21	6	057	81	7	7	3	2	/	79	77	—		11 4	—	31,2	—
	Faridpur	096	3	0	16	02	97	60	6	991	81	7	4	5	1	0	79	79	0	+ 1	17,4	+ 2,5	25,7	71
Khulna	Barisal	152	4	6	18	02	96	02	6	057	81	6	6	6	0	0	77	74	0	— 5	—	—	—	81
	Khulna	000	0	0	00	00	97	02	2	063	82	0	0	7	4	0	79	81	+ 4	+ 3	9,0	— 5 8	21,3	69
	Satkhira	045	0	4	18	01	96	00	0	044	82	5	2	6	0	0	79	79	—	+ 1	9,9	— 4.5	19.9	65
	Jessore	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	—	—					65
Rajshahi	Pubna	007	9	8	13	05	98	02	2	047	83	8	0	8	2	0	79	79	+ 1	— 1	—	—	—	59
	Sirajganj	322	9	7	00	00	97	03	2	043	84	7	7	4	5	0	81	81	— 1	+ 2	10,8	— 2,5	18,4	64
	Rajshahi	049	2	8	13	03	96	21	6	040	82	8	4	4	3	0	81	77	— 1	1	20,6	+ 4,9	39,1	—
	Bogra	052	3	6	09	02	96	03	2	037	84	3	5	6	2	/	81	79	+ 1	+ 1	—			69
	Dinajpur	040	9	7	09	02	96	61	6	039	82	7	0	9	2	0	81	79	+ 4	+ 1	11,2	— 9,6	26,8	72
	Rangpur																							84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	137	9	8	05	07	95	61	6	984	73	3	3	5	1	0	71	73	+ 6	— 7	1.7	— 0,6	6,0	19
	Sialkot	073	2	8	00	00	95	21	6	996	75	8	6	7	0	0	73	67		— 14	—	—	—	32
Rawalpindi	Jhelum	000	0	7	13	03	96	02	1	952	79	5	5	6	1	0	73	78	—	—	1,9	—	7,9	—
	Islamabad																							
	Rawalpindi	000	0	1	13	02	99	00	2	973	84	1	0	9	7	0	69	76	— 2	— 1	1,8	— 1,5	12,6	36
	Campbellpur																							
Sargodha	Khushab	000	0	0	09	02	98	00	0	986	85	0	0	9	0	0	79	//	— 5	—	0,4	— 1 4	6,9	15
	Sargodha	00?	0	4	09	05	97	03	0	982	83	4	5	6	0	0	74	78	—	—	0	—	3 0	—
	Lyallpur	000	0	4	07	03	96	02	0	973	79	4	7	8	0	0	75	79	+ 3	— 5	0	— 1,6	4,3	13
Multan	Sahiwal	018	0	6	05	03	96	01	1	973	80	6	5	6	0	0	73	76	+ 6	— 8	0,9	— 0,6	4,7	10
	Multan	006	0	1	00	00	97	03	0	970	87	0	0	9	0	1	74	80	— 1	— 6	1,4	+ 0,6	3,7	7
	Leiah	000	0	2	36	01	57	33	2	056	96	0	0	9	0	2	72	77	—	—	0		0	8
Bahawalpur	Khanpur	000	0	?	05	07	96	02	0	971	86	0	9	2	2	0	76	79	+ 1	— 4	0	— 0,6	1,6	6
	Bahawalpur	400	0	3	00	00	96	00	0	988	85	0	0	9	0	1	76	73	+ 6	+ 1	0,3	— 0,3	2,0	6
	Fort Abbas	425	5	2	05	05	98	21	9	959	82	0	0	9	2	0	79	90		—	4 3	—	4,9	8
Peshawar	Chakdara	000	0	0	27	01	98	01	0	973	85	0	0	9	0	0	69	79	— 2	— 1	0	— 0,4	13,4	11
	Peshawar	000	0	0	05	01	97	00	0	//	//	0	0	9	0	0	73	77	—	—	2.1	—	12,8	—
	Haripur																							
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	973	92	0	0	9	0	0	73	78	—	—	0	—	3,0	11
	D. I. Khan	000	0	0	00	00	98	00	0	973	86	0	0	9	0	0	76	81	0	— 2	0,6	— 0,3	4,5	9
Quetta	Sibi	040	0	6	27	03	97	30	1	977	86	6	2	9	6	2	48	82	—	—	0,7	—	5 0	5
	Nokkundi	000	0	0	36	05	95	05	0	945	95	0	0	7	0	0	36	//	—	—	0	—	0.9	2
Kalat	Turbat	000	0	0	23	02	98	02	0	976	90	0	0	9	0	0	80	82	—	—	0	—	0,3	—
	Jiwani	000	0	4	18	05	96	01	1	963	89	0	6	5	0	1	83	85	—	—	0	—	1 1	5
	Pasni	000	0	2	18	05	97	01	0	067	88	0	6	5	0	0	81	86	+ 6	+ 7	0	— 0,4	0	6
Karachi Division	Ormara																							6
	Lasbela																							8
	Karachi (Manora)	//	...			...	...	...	...						...	...		...	+ 3					8
	Karachi (Airport)	054	9	7	00	00	96	01	5	979	83	4	6	5	7	0	81	67	—	—	3,2	—	9,3	—
Hyderabad	Nagarparkar	055	0	8	3/	/3	96	03	1	//	//	4	5	7	0	0	78	81	—	—	0,6	—	0,6	—
	Chore	000	0	6	05	05	96	02	2	969	87	6	0	6	0	9	80	//	—	—	0,7	—	0,7	7
	Hyderabad	032	9	8	36	03	97	02	5	983	85	8	0	9	3	0	77	77	— 3	— 5	1,3	+ 0,7	3,4	9
	Badin	000	0	3	36	07	98	01	0	982	83	0	0	9	0	2	79	82	— 1	0	0,3	— 1.6	2,1	
Khairpur	Padidan	000	0	6	05	02	96	03	2	976	87	2	0	9	3	5	39	81	—	—	—	—	—	—
	Nawabshah	106	9	7	00	00	96	03	9	985	84	7	0	9	1	0	78	75	—	—	1 1	—	2,1	—
	Sukkur	000	9	8	13	02	96	03	2	968	89	8	0	9	9	0	75	85	—	—	0	—	0,7	4
	Kashmore	000	0	2	05	02	98	03	2	961	90	0	0	9	0	2	73	85	—	—	—	—	—	—
	Jacobabad	000	0	2	10	47	96	01	1	974	87	0	0	9	0	1	73	82	— 5	— 3	0	— 0,4	1,5	4
Junagadh	Veraval																							20
	HILL STATIONS																							
Kashmir	Srinagar *																							24
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu **																							6
	Misgar *																							—
	Aliabad *																							—
	Gilghit *																							5
Rawalpindi	Murree *	008	9	2	27	02	98	01	9	414	64	2	1	3	0	0	59	59	— 5	0	—	—	—	58
Peshawar	Drosh *	000	9	0	00	00	99	02	9	435	78	8	0	9	0	0	54	69		— 2	—	—	—	18
	Cherat *	000	0	0	36	03	98	00	0	414	74	0	0	9	0	0	67	70	—	— 2	2 1	+ 0,8	15,7	29
	Kakul *	000	0	1	00	00	96	01	1	420	76	1	4	6	0	0	67	69	—	—	2,8	—	24,4	—
	Landikotal *	000	0	0	09	03	95	02	0	409	81	0	0	9	0	0	66	72	—	—	0.7	—	18,6	—
	Parachinar *	000	0	0	00	00	96	25	0	425	73	0	0	9	0	0	59	64	— 4	— 2	4.6	—	20.2	28
D.I. Khan	Miranshah *	005	0	0	05	05	99	00	0	407	82	0	0	9	0	0	70	78	—	—	0,6	— 0,5	2,6	13
	Wana *	000	0	0	00	00	99	08	0	468	74	0	0	9	0	0	63	74	—	—	0,6	—	5.4	11
Quetta	Fort Sandeman *	000	0	0	00	00	96	02	0	429	73	0	0	9	0	0	67	71	— 7	— 5	0,2	— 0,6	10.9	11
	Hindubag *	000	0	0	00	00	98	02	0	419	71	0	0	9	0	0	60	64	—	—	0	—	5,8	—
	Loralai *	000	0	0	27	02	98	00	2	410	72	0	0	9	0	0	64	64	—	—	0,2	—	5.0	9
	Barkhan *	000	0	0	13	02	98	02	0	477	52	0	0	9	0	0	//	//	—	—	0	—	0	—
	Harnai *	038	6	6	00	00	95	03	6	403	82	4	6	6	2	1	79	74	—	—	0 4	— 0.6	9.1	14
	Samungli (Quetta) *	000	0	1	00	00	96	05	0	423	76	0	0	9	0	1	63	70	—	—	0	— 0,2	7,5	9
	Chaman *	000	0	0	23	00	98	00	0	413	82	0	0	9	0	0	67	78	— 2	+ 2	0	0	4.2	8
	Nushki *	000	0	0	36	02	98	00	0	457	87	0	0	9	0	0	52	81	—	—	0	—	3.8	—
	Dalbandin *	000	0	?	09	02	95	05	0	422	90	0	0	9	0	0	59	75	+ 1	0	0	0	1,8	4
Kalat	Kalat *	000	0	0	00	00	98	00	0	426	72	0	0	9	0	0	38	62	— 1	0	0	— 0,2	6,3	7
	Khuzdar *																							—
	Panjgur *																							5

† 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. is rainfall since 0300 hrs. G.M.T. of the same day

Whenever given for RRR see the summary above is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 5th JULY, 1967.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_oL_o$	$L_oL_oL_o$ GG	N dd ff	VV ₋₋ W	PPP TT	$N_hC_LhC_MC_H$	D_AV_A a PP	8 $N_sCh_sh_s$	O, T T, T_d T	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Iqbal Baksh	33 229	67 606	8 31 05	97 02 2	003 29	8// 7 7/	...	...	...	...
BAY OF BENGAL										
Shred	38 161	879 06	6 20 13	58 02 2	03/ 33	...	...	...	...	...
Shred	23 171	885 12	8 20 13	97 25 0	02/ 34	...	...	...	...	...
Ocean Energy	32 205	908 12	4 28 09	98 01 0	001 30	1/ 1 1/	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isoboric Levels: Surface PPPT I $TT_dT_dT_d$	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
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Begra ...														
Chittagong ...	00 00	003 250 250	...	...	140 185 185	...	310 028 119	...	584 510 999	759 595 999	977 732	270 850	480 972	
Dacca ...	00 00	004 272 298	...	...	147 178 999	...	309 122 999	...	581 545 999	754 635 999	967 768	249 962	435 065	681 232
Jiwani ...	00 00	989 302 209			140 285 999	...	309 162 999	...	591 162 999	758 575 999	975 732	261 938	449 065	
Karachi ...	00 00	993 278 272	...	...	135 195 195	...	302 095 095	...	573 565 999	745 648 999	966 785	242 012	432 150	...
Lahore ...	00 00	MISDA												
Multan ...	00 01	983 272 238	...	...	140 265 192	...	309 155 082	...	585 005 999	742 560 999	984 625	...	...	...
Peshawar ...	00 00	959 292 232	...	...	148 222 999	...	306 135 999	...	582 002 249	757 592 999	975 712	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TTT T_dT T_d							Max Height Reached PPPTTT $T_dT^dT^d$	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Begra ...													
Chittagong ...	00 00	980 198 198	800 165 165	600 06/ ///	519 00/ ///	350 64/ ///	250 77/ ///	117 04/ ///	...	...	117 04/ ///	...	...
Dacca ...	00 00	980 22 ///	800 17/ ///	600 03/ ///	560 09/ ///	350 70/ ///	250 85/ ///	...	...	...	100 233 999	...	...
Jiwani ...	00 00	980 32/ ///	800 27 ///	600 05/ ///	429 51/ ///	350 65/ ///	260 82/ ///	130 14/ ///	...	...	130 14/ ///	...	...
Karachi ...	00 00	980 228 228	800 162 168	600 022 028	350 21/ ///	250 40/ ///	...	...	...	...	150 158 999	...	...
Lahore ...	00 00	MISDA											
Multan ...	00 00	980 295 228	800 228 172	600 08/ ///	490 03/ ///	350 60/ ///	...	...	...	...	300 625 999	...	...
Peshawar ...	00 00	980 26/ ///	800 19/ ///	600 07/ ///	350 64/ ///	250 79/ ///	...	...	...	...	250 79/ ///	...	...
Quetta ...													

P P—Pressure in hundreds tens and units of millibars.

T, T: TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)

St—Character of tropopause.

HHH,HHHH (heights)—Tens of geopotential metres.

TT—Dry Bulbtemperatures 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 (date ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 G.M.T of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	5.4	5.4	6.0	7.2	9.9
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
Begra ...																										
Chaklala ...	14 14	16 21	16 20	16 19	...	...	...	...	...	18 09	19 10					19 12	19 11	20 09	...	...	...	...	...	...	...	...
Chhor ...	04 19	04 23	05 23	05 27	04 23	...	...	...	...	...	34 02	12 01	31 03	34 07	33 10	...	15 06	14 05	17 03	...	...	...	...	...	...	...
Chittgong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	07 16	06 10	05 18	05 17	05 21	06 23	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	17 24	17 24	17 24	17 21	18 12	...	...	...	...	17 12	19 15	// //	20 19	20 20	24 20	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	35 10	35 23	35 25	36 14	02 04	36 10	36 11	19 13	...	...	...	30 06	31 12	17 10	13 13	18 15	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	21 07	20 09	...	...	...	...	...	...	...	...	08 04	...	...	00 00	28 26	33 16	27 17	28 22	// //	35 25	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	03 09	04 05	33 07	30 14	27 14	...	...	...	...	...	03 04	03 05	...	...	...	...	02 07	01 09	02 08	34 10	34 11	34 15	30 20
Jacobabad ...	08 12	08 15	09 16	09 15	09 17	03 11	35 08	29 13	31 13	30 13	32 19	30 10	25 06	29 05	28 04	...	...	...	...	34 05	34 06	34 15	33 20	29 12	05 95	03 13
Jessore ...	18 09	17 17	17 17	16 16	16 18	10 21	09 20	08 20	18 19	27	...	...	...	...	...	21 16	21 16	21 11	33 02	34 03	34 06	34 15	33 20	29 12	05 95	03 13
Jhelum ...	12 14	09 13	09 16	09 18	09 17	04 12	...	...	...	14 05	15 08	17 06	34 03	35 08	28 10	13 08	11 14	10 18	07 09	03 11	04 11	...	...	...	...	...
Jiwani ...	21 09	15 07	08 03	09 09	06 08	35 11	01 27	36 27	07 21	...	...	...	...	...	...	17 04	...	...	...	...	...	...	...	...	...	...
Karachi ...	26 20	28 14	26 11	...	...	...	...	...	...	...	...	...	...	...	...	14 06	04 08	02 12	04 18	04 23	04 31	...	...	...	...	...
Khanpur ...	09 17	07 15	04 15	04 17	...	...	...	...	...	03 06	05 12	07 12	08 12	07 12	...	06 04	04 04	04 07	03 12	02 12	03 12	27 04	24 07	21 07	22 03	...
Lahore ...	09 13	09 16	09 19	09 28	08 15	...	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Multan ...	12 13	11 10	10 13	02 12	04 18	03 25	01 35	...	...	36 06	33 17	33 17	32 06	31 10	09 12	06 09	03 09	03 09	02 15	02 24	01 26	01 33	36 40	31 37	28 17	...
Nawab Shah ...	11 19	02 05	33 09	36 13	36 21	...	...	...	...	01 19	05 14	04 14	04 21	04 23	03 24	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	09 06	15 09	17 07	24 04	33 06	34 14	30 19	27 25	...	05 14	04 14	04 21	04 23	03 02	...	08 03	09 03	32 03	32 05	35 06	33 08	35 04	01 09	01 17	34 19
Samungli ...	...	...	...	...	30 04	29 07	29 06	29 11	...	...	...	...	...	...	...	...	...	...	...	09 02	2 9 06	07 05	29 05	29 04	07 10	09 11
[redacted] ...	10 12	01 08	10 06	05 06	03 07	35 09	03 08	35 16	22 22	10 10	03 10	83 08	01 01	02 09	19 19	07 07	08 09	07 08	...	...	...	...	...	...	...	...
[redacted] ...	16 03	19 08	18 14	19 21	...	...	...	...	...	18 18	18 23	32 02	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wasak ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The exact time of observation may vary within half an hours 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 ...	33 05	33 08	33 14	03 23	03 28	04 31	02 37	04 27	08 21	09 16	12 19	12 22	...	...	...	...	...	...
Peshawar ...	...	36 04	36 01	36 04	29 01	23 03	33 06	30 09	30 09	28 17	25 28	...	...	...	...	...	...	...
Quetta ...																		

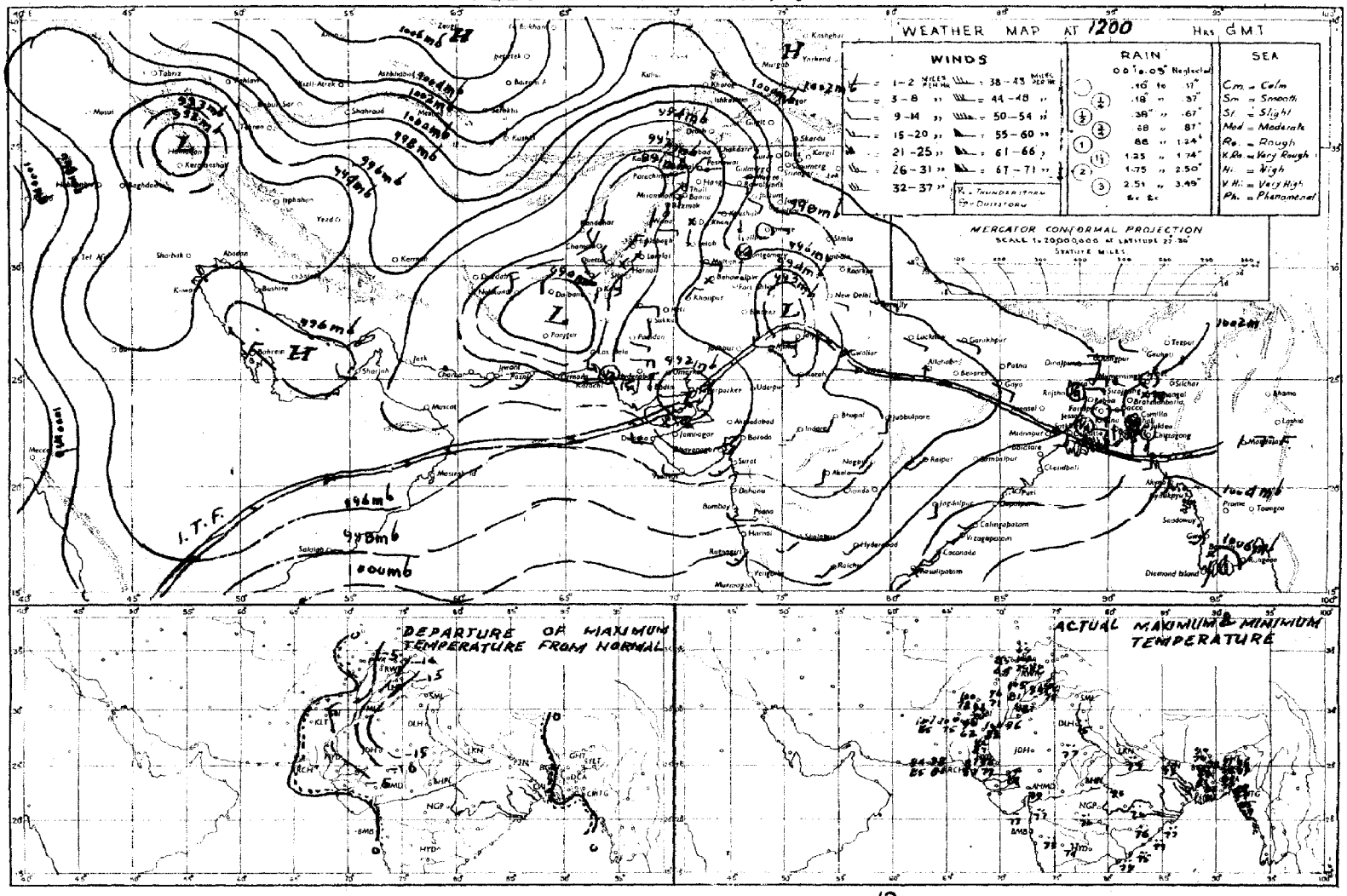
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North throughout East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd VVVV etc.)

The source of individual meteorological report cannot be guaranteed. Corrections are to be obtained if necessary on application to the Meteorological Weather Bureau, Air Port, KARACHI—9

PAKISTAN DAILY WEATHER MAP

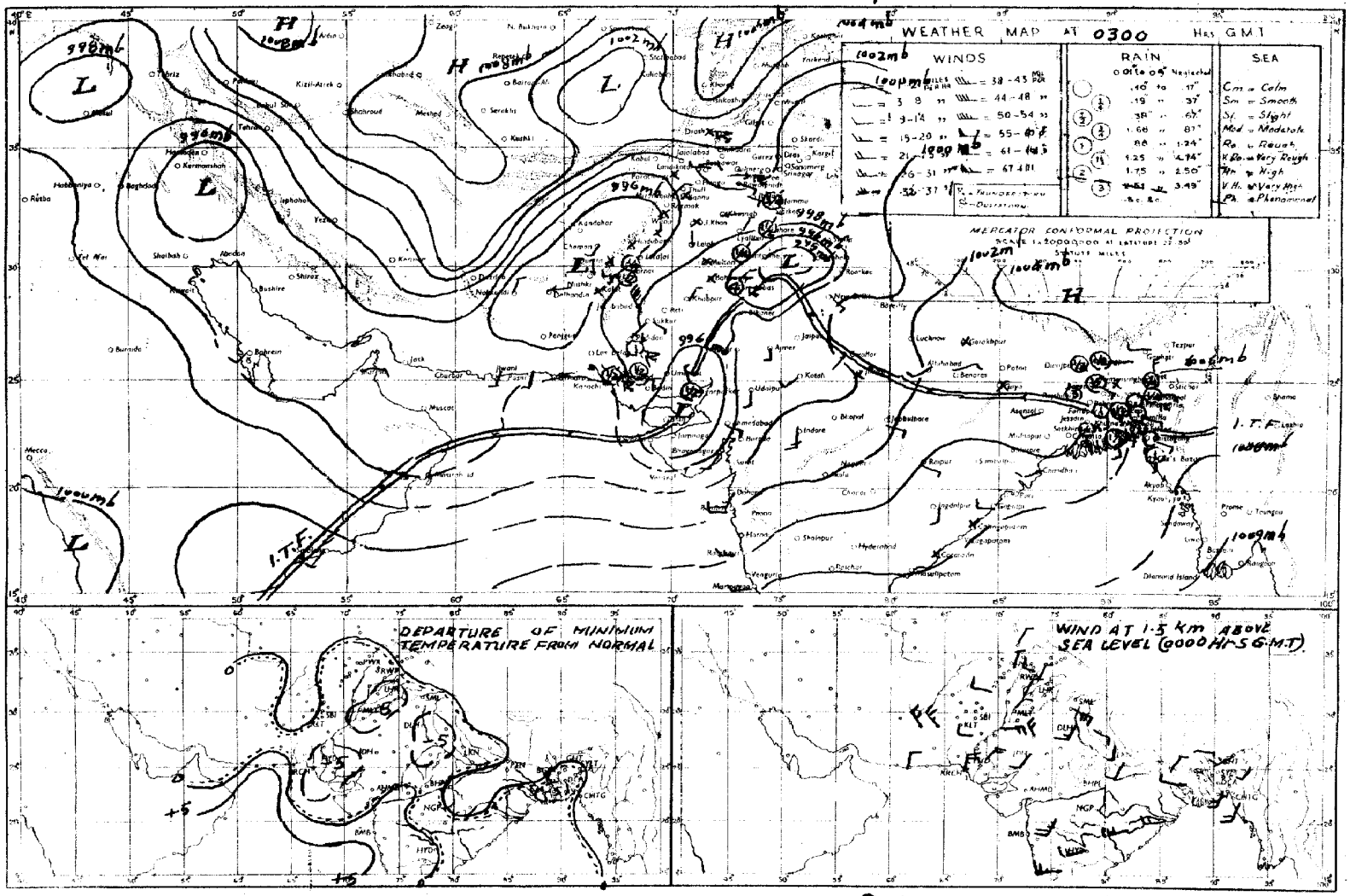
TUESDAY 4th JULY, 1967



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 5th JULY , 1967



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

Pgees 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

THURSDAY THE 6th JULY, 1967.

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

Yesterday's low pressure area over Punjab India to-day lies over Lahore division and neighbourhood.

The low pressure area over Saurashtra and neighbourhood has weakened and now lies as a trough over there.

Under their combined influence fairly widespread rain/thundershowers have occurred in Lahore division and scattered in Multan division and a few falls of light rain or thunderstorms in Sargodha, Bahawalpur and Peshawar divisions.

Monsoon is moderate over East Pakistan and has caused fairly widespread rain/thundershowers in Dacca division, local in Chittagong division and scattered elsewhere in East Pakistan.

Chief amounts of rainfall are: Rangamati 3" Dinajpur 2" Maijdee Court and Sialkot 1¼" each, Rangpur 1" and Sahiwal 3/4" each, Sylhet ½", Cox's Bazar, Faridpur and Barisal 1/4" each.

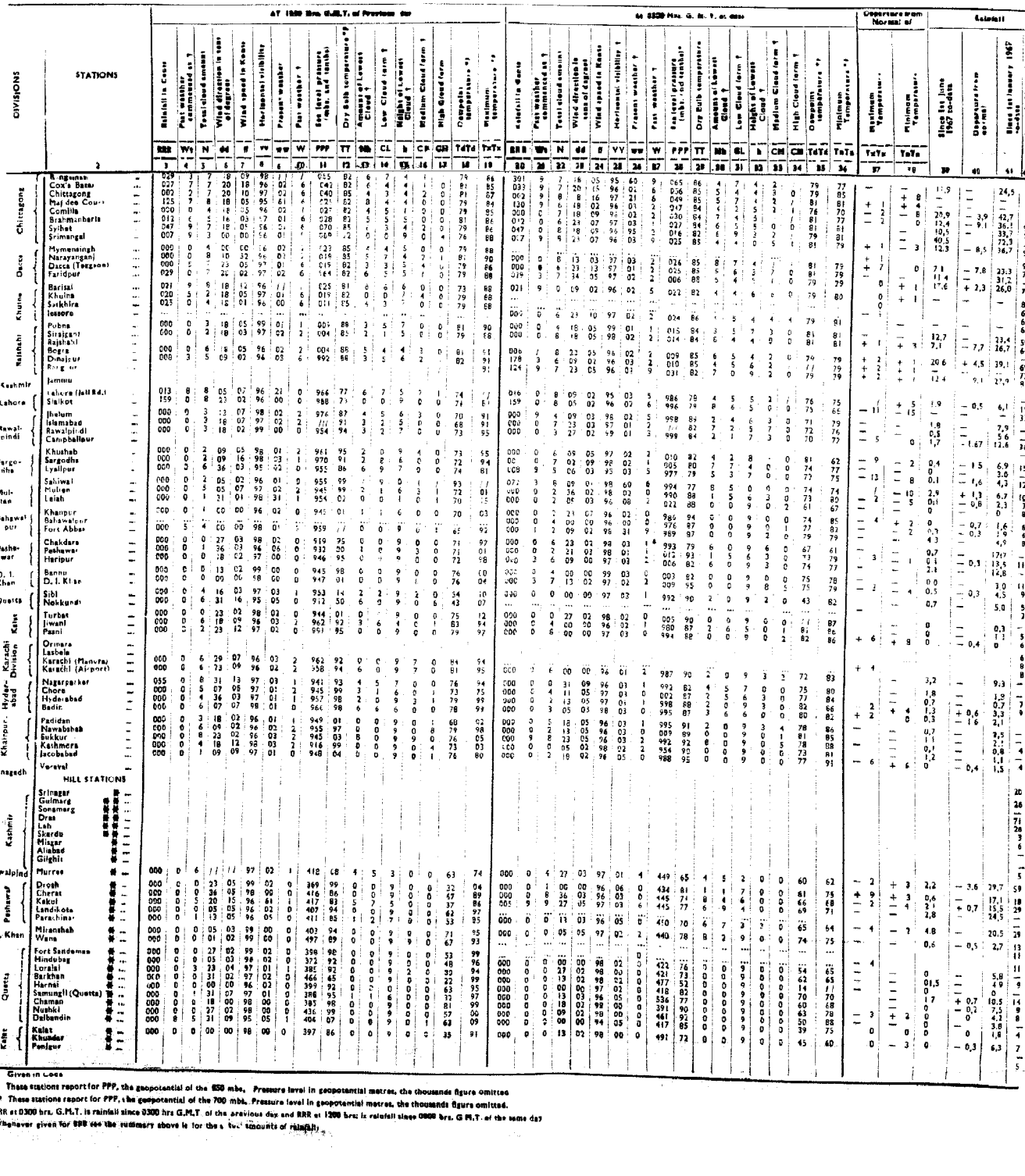
Day temperatures: These were 10—13°F (6—7°C) below normal in Lahore and Sargodha divisions and 3—9°F (2—5°C) so in Rawalpindi, Peshawar, Bahawalpur, D. I. Khan, Quetta and Khairpur divisions and 3—5°F (2—3°C) above normal in Kalat and Karachi divisions.

Forecast valid until the evening of 7th July, 1967:- Rain/thundershowers will be fairly widespread in Chittagong and Lahore divisions, local elsswhere in East Pakistan, Kashmir and in Rawalpindi divisions and scattered in Peshawar, D.I. Khan, Sargodha, Multan, Bahawalpur, Karachi and Hyderabad divisions.

Karachi-11
The 6th July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meterological Services.



PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 6th JULY, 1967.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ₋₋ W	PPP TT	$N_hC_LhC_MC_H$	D.V. a PP	8 $N_sCh_sh_s$	O T T, T_dT	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Iqbal Baksh										
Rondo	43 195	69 912	7 24 16	98 03 2	974 26	44 / /8				
	43 136	74 318	6 14 10	96 25 8	072 36	67 3 00	76 2 05	05 4 24	11 4 24	12 6 33
BAY OF BENGAL										
Ocanaw·gy										
Iqbal Baksh	43 185	85 //	8 95 00	52 70 0	990 21	03 5 29				
Ocanaw·gy	42 201	906 06	4 20 13	98 07 1	850 93		36 2 11	...	...	...
	43 177	888 06	4 26 09	98 02 0	839 30	42 4 00	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isoboric Levels: Surface PPPT TTdTdTd	1000 mb HHH TTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHH TTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra —														
Chittagong ...	00 00	001 282 275			143 215 999	...	310 138 999	...	587 000 999	713 572 999	982 678	271 898	473 038	...
Dacca ...	00 00	001 302 275			140 205 999	...	308 125 999	...	583 515 999	758 610 999	974 725	258 930		
Jiwani ...	00 00	991 292 272	...	...	140 290 999	...	311 145 999	...	584 560 999	758 602 499	974 742	259 925	448 045	...
Karachi ...	00 00	995 302 278			MISDA	...	...	...	...	...	...	...	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	578 522 999	753 595 999	963 693	264 840	...	...
Multan ...	00 00	985 275 232	...	...	140 202 202	...	304 115 115	...	587 012 999	743 582 999	981 702	...	...	...
Peshawar ...	00 00	960 302 242	...	...	140 242 232	...	309 158 999	...	594 028 582	768 580 998	985 708	275 890	467 000	...
Quetta ...	00 00	815 208 122	...	...	130 702 108	...	310 175 045	...						

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TTT $T_dT \cdot T_d$								Max Height Reached PPPTTT $T_dT^dT^d$	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra —													
Chittagong ...	00 00	980 235 239	800 197 ///	600 800 ///	350 631 ///	250 771 ///	...	...	...	...	250 771 ///	...	...
Dacca ...	00 00	900 23 ///	800 177 ///	600 071 ///	350 661 ///	250 841 ///	...	...	...	...	250 841 ///	...	...
Jiwani ...	00 00	991 292 272	800 30 ///	600 251 ///	690 041 ///	411 581 ///	350 671 ///	250 831 ///	...	...	150 448 045	...	...
Karachi ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	900 235 235	800 162 162	600 061 ///	350 641 ///	250 761 ///	...	...	...	...	200 264 840	...	...
Peshawar ...	00 00	900 272 255	800 221 ///	600 091 ///	350 641 ///	250 791 ///	...	...	...	...	250 791 ///	...	...
Quetta ...	00 00	900 282 122											

P, P—Pressure in hundreds cons and units of millibars.

T T: TdTdTd; Dry Bulb; Dew Point temperatures (in tenths of °C.)

Sc—Character of tropopause.

HHH,HHHH (heights)—Tens of geopotential metres.

TT—Dry Bulbtemperatures 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	At 0000 hrs. G.M.T. of date (date ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0000 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
Bogra																										
Chaklala	21 10	20 12	20 13	23 17	23 17	23 23	...	...	...	23 14	...	...	...	...	...	24 17	24 17	27 15	...	...	...	...	...	...	...	...
Chhor	...	15 19	18 09	16 08	07 97	...	...	...	...	...	...	...	...	...	...	...	25 05	26 03	28 01	26 03	01 07	01 11	02 10	03 12	69 20	33 06
Chittgong	18 13	07 11	07 10	05 11	05 17	04 15	15 02	// //	17 06	17 19	07 26	10 06	12 15	08 07	...	11 09	10 99	08 14	06 21	08 21	38 24	06 07	18 10	18 08	18 10	22 07
Cox's Bazar	23 19	23 19	22 19	24 18	24 18	...	...	...	...	...	17 12	16 09	...	...	...	16 15	18 13	17 15	...	...	...	...	...	...	...	...
Dacca	20 18	20 21	12 28	...	...	...	...	...	...	...	...	...	...	...	...	12 19	22 24	22 26	23 30	...	...	...	...	...	...	...
Dalbandin	20 08	21 14	23 21	23 18	23 15	24 10	...	...	...	21 12	22 21	...	...	...	...	...	23 15	23 15	25 17	26 20	26 22	...	...	...	...	...
D. I. Khan	...	...	33 13	33 11	31 17	29 07	31 14	32 11	32 11	...	...	23 06	24 11	26 13	28 18	...	...	24 05	23 17	21 19	20 15	22 19	24 12	...	...	...
Drosh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	...	23 10	21 05	04 06	36 12	36 21	...	...	...	20 01	22 04	21 04	...	...	...	...	...	...	...	...	...	...	...
Jacobabad	15 15	14 10	14 14	16 05	18 02	33 04	30 11	32 14	35 19	...	...	...	02 03	30 03	30 16	...	...	...	06 01	35 06	01 08	03 06	35 14	32 17	...	...
Jessore	...	...	14 11	14 12	09 08	...	02 08	07 08	07 12	22 09	32 09	16 06	19 05	27 03	32 01	20 19	21 15	20 15	20 01	29 04	27 07	25 16	28 17	...	...	...
Jhelum	13 12	11 15	11 24	11 25	...	...	...	...	...	25 22	26 21	25 20	24 20	25 23	25 20	21 16	21 16	21 11	...	18 06	20 04	28 09	31 06	02 06	32 06	25 17
Jwani	17 12	19 07	15 08	10 03	31 07	...	...	...	...	10 12	10 23	10 29	18 26	...	...	11 16	10 15	10 17	10 19	10 12	07 10	...	...	...	...	...
Karachi	24 16	// //	07 07	06 16	04 20	03 21	...	...	...	...	...	...	...	...	...	11 03	18 03	22 01	...	...	...	...	...	...	...	...
Khanpur	06 05	08 04	09 05	11 03	02 07	03 49	35 16	29 07	31 99	20 13	21 16	23 19	26 19	28 15	...	34 08	02 08	05 10	65 12	05 13	08 17	07 19	07 16	12 12	13 17	...
Lahore	05 13	06 28	06 29	...	...	...	...	...	...	19 05	20 02	20 03	...	...	...	// //	25 08	25 08	26 07	28 08	...	...	...	...	...	...
Multan	11 04	06 04	05 04	33 02	36 10	35 17	33 27	...	...	06 02	15 06	23 13	27 13	31 03	33 12	03 04	09 06	10 10	12 16	...	...	...	...	...	...	...
Nawab Shah	02 02	07 07	07 10	04 11	04 14	02 28	06 07	17 08	16 07	18 14	19 09	23 05	09 11	08 18	08 20	13 07	07 08	06	08 05	08 15	05 09	09 11	06 17	17 06	31 27	07 04
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	...	...	...	18 10	27 05	21 06	25 08	...	...	34 04	20 17	...	...	...	...	11 06	12 03	20 03	30 18	// //	34 07	02 06	36 13	35 15	38 15
Samungli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	06 20	08 01	07 01	05 01	28 02	28 05	33 13
Sargodha	08 12	08 13	07 15	02 16	33 21	...	06 12	04 17	04 21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	20 11	20 05	...	...	...	...	21 20	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Vrevale	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The exact time of observation 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 —																		
Peshawar —																		
Quetta ...	...	36 08	35 04	34 02	33 02	34 04	34 09	30 06	...	...	...	...	...	...	...	...	...	...

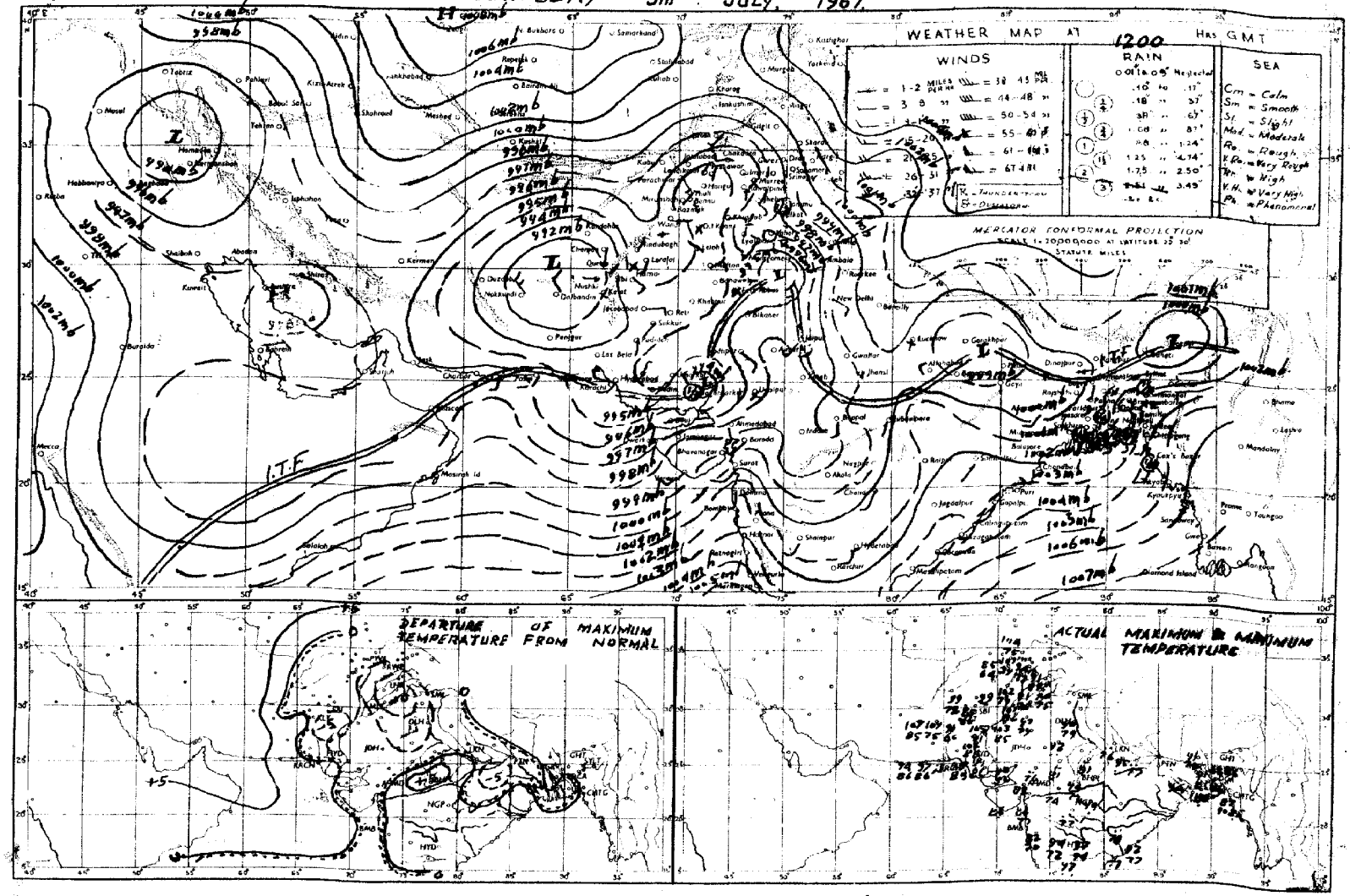
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North throughou Basic The next two figures give the wind speed "ff" in knots. If wind speeb "ff" exceeds 99 knots. 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGIii Cdd vrvr etc.)

The accuracy of individual meteorological reports cannot be guaranteed. Corrections can be obtained if necessary on application to the Meteorologist, Weather Central, Air Force HEADQUARTERS

PAKISTAN DAILY WEATHER MAP

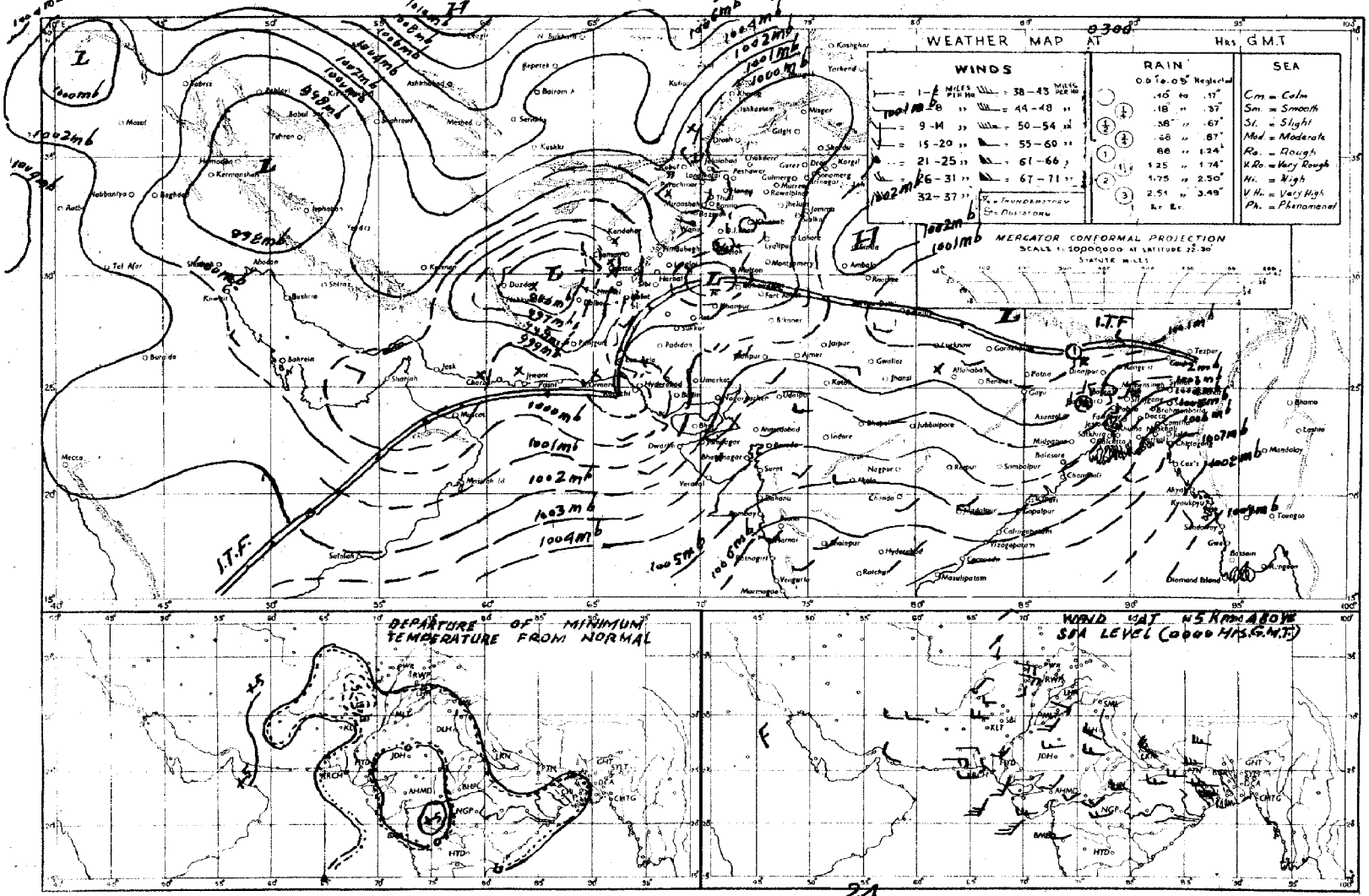
WEDNESDAY 5th JULY, 1967



Rainfall amounts indicated in the above chart refer to past 12 hours

PAKISTAN DAILY WEATHER MAP

THURSDAY 6th JULY 1967.



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

Pgees 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

FRIDAY THE 7th JULY, 1967.

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

Yesterday's low pressure area over Lahore division and neighbourhood has become unimportant after causing a few falls of light rain in Lahore division.
The trough of low pressure over Saurashtra and adjoining area has filled up.
The seasonal trough of low pressure is extending from Kalat to D.I. Khan division.
Monsoon is active over East Pakistan and has caused fairly widespread rain/thuudershowers in Khulna division and widespread with locally heavy to very heavy falls elsewhere in the province.
Chief amounts of rainfall are: Brahmanbaria 6", Rangamati 5". Sirajgang 4", Maijdee Court and Sylhet 3" each, Comilla, Srimangal and Mymensingh 2" each, Narayanganj, Jessore, Dinajpur and Rangpur 1½" each, Dacca and Pabna 1" each and Bogra 3/4".
Day temperatures: These were 10—18°F (6—10°C) below normal in Lahore, Sargodha and Multan divisions and 3—6°F (2—3°C) so in D. I. Khan, and Peshawar divisions and 3 - 5°F (2—3°C) above normal in Dacca, Khulna, Karachi and Hyderabad divisions.
Forecast valid until the evening of 8th July, 1967:- Rain/thundershowers will be fairly widespread in Chittagong, Dacca and Rajshahi divisions, local in Khulna division and scattered in Kashmir and in Peshawar, Rawalpindi, and Lahore divisions.
Heavy Rainfall Warning:- Locally heavy to very heavy rain may fall in Chittagong division during next 24 hours.

Karachi-11
The 7th July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meterological Services.

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

Divisions	Stations (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	Rangamati	067	3	7	18	02	94	61	6	020	79	3	7	4	2	/	77	82
	Cox's Bazar	053	2	6	27	18	97	01	6	015	85	3	9	3	:	0	81	86
	Chittagong	010	7	8	23	14	94	//	6	012	82	6	3	3	2	0	81	86
	Maijdee Court	001	7	8	18	10	96	03	6	//	83	3	5	4	1	0	81	86
	Comilla	020	5	6	18	05	96	02	1	993	81	6	4	5	0	0	77	95
	Brahmanbaria	000	0	6	18	05	97	02	1	987	85	2	2	5	2		81	90
	Sylhet	060	9	8	10	07	96	02	9	//	80	7	9	2	2		79	83
	Srimangal	030	5	8	00	00	96	17	9	962	81	7	9	3	1	/	79	68
Dacca	Mymensingh	020	0	8	00	00	96	62	2	962	81	8	7	5	1	/	81	88
	Narayanganj	000	0	8	13	02	96	02	2	987	86	5	7	4	3	1	81	92
	Dacca (Tejgaon)	025	6	7	18	09	97	61	6	980	82	4	3	4	7	0	81	90
	Faridpur	009	0	7	16	02	97	02	6	961	82	6	5	5	1	0	75	88
Khulna	Barisal	006	4	8	18	01	96	02	5	025	81	8	7	6	0	0	73	88
	Khulna	000	0	2	18	05	97	01	1	982	90	0	0	2	4	0	76	92
	Satkhira	000	0	8	23	01	96	30	0	966	88	8	7	4	0	0	81	97
	Jessore	028	2	7	18	05	97	95	9	981	79	2	9	6	2	8	77	92
Rajshahi	Pabna	000	0	8	18	05	97	03	1	968	86	3	3	6	6	/	81	92
	Sirajganj	000	0	8	13	03	96	17	9	968	88	8	6	5	0	0	81	90
	Rajshahi	036	5	8	18	03	96	03	9	970	81	8	7	4	/		81	90
	Bogra	015	1	8	00	00	96	01	9	969	81	8	4	4	1	0	79	90
	Dinajpur	000	9	7	09	02	96	03	2	968	86	4	5	6	2	0	82	88
	Rangpur	180	4	6	13	02	96	01	8	978	85	6	5	9	2	0	77	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	004	8	6	08	03	96	03	6	946	88	4	2	6	3	0	78	87
	Sialkot	000	4	0	31	01	98	00	0	961	90	0	0	9	0	0	75	96
Rawalpindi	Jhelum	000	0	1	13	02	98	01	0	946	95	/	/	6	0	0	73	97
	Islamabad																	
	Rawalpindi	000	0	2	27	02	98	00	0	935	97	7	1	8	0	0	72	98
	Campbellpur																	
Sargodha	Khushab	000	0	3	09	05	98	01	2	948	97	3	0	9	4	0	75	98
	Sargodha	000	0	1	05	05	98	01	1	957	94	1	0	9	3	0	74	95
	Lyallpur	000	0	4	36	07	96	02	0	939	89	4	4	9	0	0	72	91
Multan	Sahiwal	000	0	5	07	02	96	01	1	971	84	5	5	6	0	0	75	85
	Multan	000	0	1	00	00	97	02	0	938	00	1	2	6	0	0	39	91
	Leiah	000	0	2	36	02	98	30	1	950	00	9	0	9	0	2	71	14
Bahawalpur	Khanpur	000	0	1	00	00	96	02	0	936	05	1	1	6	0	0	72	06
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Abbas	002	5	4	22	02	98	00	5	941	87	0	0	9	0	4	77	98
Peshawar	Chakdara	000	0	1	27	02	97	01	1	901	96	1	1	7	0	0	75	98
	Peshawar	000	0	1	13	03	97	02	0	926	94	1	1	6	0	0	76	00
	Haripur	000	0	0	23	02	97	07	0	937	96	0	0	9	0	0	71	99
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	946	99	0	0	9	0	0	79	02
	D. I. Khan	000	0	0	09	00	98	00	0	952	01	0	0	9	0	0	72	01
Quetta	Sibi	000	0	2	27	03	97	03	1	934	10	0	2	9	2	0	69	12
	Nokkundi	000	0	4	23	05	95	05	0	898	09	4	0	9	0	6	49	07
Kalat	Turbat	000	0	0	18	05	96	02	0	959	04	0		9	0	0	82	11
	Jiwani	000	0	5	13	16	90	03	1	962	92	1	6	4	0	1	81	96
	Pasni	000	0	4	18	16	97	01	1	971	92	0	0	9	0	2	83	95
Karachi Division	Ormara																	
	Lasbela																	
	Karachi (Manora)	000	0	0	27	03	97	02	0	966	90	0	0	9	0	0	83	95
	Karachi (Airport)	000	0	4	23	07	96	01	1	966	92	3	5	5	0	/	82	02
Hyderabad	Nagarparkar	000	0	8	13	09	96	03	1	944	98	4	5	7	0	0	75	95
	Chore	000	0	5	13	09	97	02	1	965	97	5	5	6	0	0	74	98
	Hyderabad	000	0	4	18	03	97	03	0	960	99	4	5	6	0	0	77	00
	Badin	000	0	0	20	17	98	02	0	985	99	2	0	9	0	2	//	00
Khairpur	Padidan	000	0	1	18	07	96	01	1	954	01	1	1	7	0	0	73	04
	Nawabshah	000	0	3	13	07	96	02	0	966	01	3	1	6	0	0	74	02
	Sukkur	000	8	8	23	02	96	03	2	960	07	8	0	9	9	0	80	09
	Kashmore	000	0	0	18	02	98	02	0	936	05	0	0	9	0	0	71	07
	Jacobabad	000	0	2	18	03	97	01	0	941	06	0	0	9	0	1	47	57
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	0	5	13	03	99	02	1	411	73	5	5	3	0	0	64	74
Peshawar	Drosh	000	0	0	23	10	99	01	0	364	00	0	0	9	0	0	42	10
	Cherat	000	0	0	36	02	98	00	1	421	90	0	0	9	0	0	67	72
	Kakul	000	0	3	23	03	95	05	1	409	86	3	2	6	0	0	66	87
	Landikotal	000	0	0	02	07	96	02	0	394	93	0	0	9	0	0	64	97
	Parachinar	000	0	1	13	05	96	05	0	408	95	1	1	7	0	0	59	95
D.I. Khan	Miranshah	000	0	0	05	05	99	00	0	416	95	0	0	9	0	0	69	95
	Wana																	
Quetta	Fort Sandeman	000	0	0	00	00	99	02	0	397	99	0	0	9	0	0	57	00
	Hindubag	000	0	0	23	03	98	02	0	365	97	0	0	9	0	0	56	00
	Loralai	000	0	0	13	04	96	00	0	400	94	0	0	9	0	0	83	96
	Barkhan	000	0	0	31	02	97	02	0	466	65	0	0	9	0	0	72	99
	Harnai	000	0	0	00	00	96	02	0	406	98	0	0	9	0	0	62	99
	Samungli (Quetta)	000	0	1	13	05	97	01	0	393	96	1	2	6	0	0	36	98
	Chaman	000	0	0	27	00	98	00	0	385	02	0	0	9	0	0	49	04
	Nushki	000	0	0	31	02	98	00	0	450	04	0	0	9	0	0	58	07
	Dalbandin	000	8	2	31	03	94	05	0	417	06	0	0	9	0	1	41	09
Kalat	Kalat	000	0	0	18	05	98	00	0	415	90	0	0	9	0	0	47	93
	Khuzdar																	
	Panjgur																	

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

Divisions	Stations	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 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	Rangamati	897	9	7	23	02	94	95	9	057	76	6	7	4	2		76	75
	Cox's Bazar	053	9	8	23	22	96	01	2	029	84	5	0	9	2	9	77	82
	Chittagong	026	9	8	23	18	93	95	0	0 3	62	8	5	2	2	0	81	82
	Maijdee Court	285	9	8	80	00	94	63	6	013	79	8	5	4	/	/	79	77
	Comilla	226	3	5	00	00	96	02	6	//	/	8	4	4		/	79	77
	Brahmanbaria	643	3	8	23	03	95	62	6	010	81	8	5	3		/	//	75
	Sylhet	331	9	8	23	05	95	95	9	991	77	8	7		2		76	76
	Srimangal	245	9	5	00	00	96	61	9	004	79	7	7	3	1	/	77	75
Dacca	Mymensingh	2:3	8	8	00	00	76	60	6	99:	11	8	6	5	/		90	76
	Narayanganj	137	3	8	23	02	97	61	6	006	81	8	7	3			81	79
	Dacca (Tejgaon)	091	9	8	23	05	96	61	6	000	81	9	5	4	/	/	79	79
	Faridpur	...		...	...	...	...	...	...		...						...	...
Khulna	Barisal	016	4	6	18	02	96	02	2	324	82	6	/	6	0	0	79	77
	Khulna	040	9	7	//	05	97	02	2	039	76	0	0	7	4	0	//	//
	Satkhira	000	0	4	23	01	96	00	0	995	82	4	5	5	0	0	79	82
	Jessore	147	9	8	27	05	97	61	9	003	81	3	5	4	2		79	76
Rajshahi	Pabna	09·	5	8	23	05	97	60	6	990	82	8	7	6	/	/	81	81
	Sirajganj	370	9	8	00	00	97	02	9	986	81	6	7	6	0	0	81	76
	Rajshahi	...																
	Bogra	023	9	8	32	03	96	61	9	982	81	4	5	5	2		79	77
	Dinajpur	142	3	8	09	02	96	66	6	975	82	8	9	6	/		79	79
	Rangpur	132	/	7	27	05	96	21	6	032	82	7	0	4	2	0	79	79
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	004	0	8	00	00	95	05	0	[illegible]	81	4	4	6	1	0	77	78
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	0	3	13	02	98	03	0	959	87	1	2	7	3	0	76	81
	Islamabad																	
	Rawalpindi	000	0	2	09	02	99	02	0	963	88	2	1	7	0	0	74	96
	Campbellpur																	
Sargodha	Khushab	000	0	0	09	03	98	00	0	957	90	0	0	9	0	0	82	74
	Sargodha	00	0	0	08	05	97	01	0	961	87	0	0	9	0	0	77	81
	Lyallpur	000	0	0	07	02	95	00	0	961	86	0	0	4	0	0	76	78
Multan	Sahiwal	000	0	0	00	00	98	02	0	959	90	0	0	9	0	0	77	75
	Multan	000	0	0	23	05	97	02	0	940	93	0	0	9	0	0	75	86
	Leiah	000	0	7	18	01	96	31	0	110	77	0	9	0	2	0	68	//
Bahawalpur	Khanpur	...																
	Bahawalpur	000	0	0	20	04	96	00	0	//	//	0	0	9	0	0	75	86
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chakdara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Peshawar	000	0	0	31	05	98	02	0	945	89	0	0	9	0	0	80	82
	Haripur	000	4	3	13	01	97	03	2	945	89	0	0	9	3	0	77	82
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	951	95	0	0	9	0	0	76	79
	D. I. Khan	000	3	7	13	02	97	02	1	953	97	4	4	8	3	0	77	83
Quetta	Sibi	0 0	0	2	23	03	97	03	1	956	92	0	2	9	2	0	46	90
	Nokkundi	000	0	0	00	00	95	05	0	960	80	0	0	9	0	0	50	81
Kalat	Turbat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jiwani	000	..	3	18	05	96	02	0	993	87	3	6	4	0	0	79	15
	Pasni	000	0	0	00	00	97	02	0	994	87	0	0	9	0	0	79	83
Karachi Division	Ormara																	
	Lasbela																	
	Karachi (Manora)	..																
	Karachi (Airport)	000	..	4	23	05	96	03	0	995	88	4	6	4	0	0	81	85
Hyderabad	Nagarparkar	000	0	8	31	13	96	03	1	987	85	4	5	7	0	0	78	82
	Chore	000	0	2	23	14	96	01	0	985	87	2	6	4	0	9	79	85
	Hyderabad	000	0	0	23	07	97	02	0	987	89	0	0	9	0	0	80	66
	Badin	000	0	3	23	07	98	02	0	991	86	3	6	6	0	0	82	85
Khairpur	Padidan	000	0	0	18	07	96	02	0	959	90	0	0	9	0	0	77	86
	Nawabshah	000	0	0	16	17	96	02	0	963	89	0	0	9	0	0	67	84
	Sukkur	000	9	0	30	05	96	02	0	952	92	0	0	9	0	0	78	89
	Kashmore	000	0	0	00	00	08	02	0	971	90	0	0	9	0	0	74	//
	Jacobabad	000	0	2	13	03	96	03	0	954	93	0	0	9	0	1	78	88
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	0	6	07	05	96	02	7	410	77	6	5	3	0	0	63	62
Peshawar	Drosh	...	...	...	...	...	...	...	...	...	...	...					...	...
	Cherat	000	0	0	00	00	98	00	0	403	76	0	0	9	0	0	69	71
	Kakul	000	0	3	13	02	97	01	1	404	80	3	2	5	0	0	68	75
	Landikotal	000	0	0	31	05	96	02	0	399	87	0	0	9	0	0	41	76
	Parachinar	000	0	0	00	00	97	02	0	411	76	0	0	9	0	0	59	66
D.I. Khan	Miranshah	000	0	0	05	05	99	00	0	393	83	0	0	9	0	0	73	80
	Wana																	
Quetta	Fort Sandeman	000	0	0	00	00	97	02	0	442	78	0	0	9	0	0	66	76
	Hindubag	000	0	0	23	03	98	02	0	417	82	0	0	9	0	0	53	66
	Loralai	000	0	0	27	02	97	00	0	401	72	0	0	9	0	0	62	68
	Barkhan	000	0	..	13	02	98	02	0	477	52	0	0	9	0	0	14	//
	Harnai	000	0	0	00	00	97	02	0	405	88	0	0	9	0	0	49	69
	Samungli (Quetta)	000	0	0	13	05	96	05	0	420	77	0	0	9	0	0	57	67
	Chaman	000	0	0	18	00	98	00	0	426	87	0	0	9	0	0	41	82
	Nushki	000	0	0	18	02	98	00	0	461	92	0	0	9	0	0	53	88
	Dalbandin	000	0	0	00	00	94	05	0	420	87	0	0	9	0	0	44	74
Kalat	Kalat	000	0	0	00	00	98	00	0	437	75	0	0	9	0	0	40	64
	Khuzdar																	
	Panjgur																	

Departure from Normal of / Rainfall

Divisions	Stations	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall since 1st June 1967 to-date (39)	Departure from normal (40)	Since 1st January, 1967 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	0	—	21,9	—	33,3	—
	Cox's Bazar	0	+ 5	30,4	— 3,5	39,4	142
	Chittagong	0	+ 5	//	— 15,1	24,1	108
	Maijdee Court	0	—	23,9	— 16,?	45,5	115
	Comilla	— 2	0	14,7	— 7,3	38,3	94
	Brahmanbaria	—	—	17,3	—	40,2	78
	Sylhet	—	—	43,8		45,5	—
	Srimangal	— 2	— 1	15,7	— 6,6	38,1	98
Dacca	Mymensingh	+ 1	— 2	—	—	—	91
	Narayanganj	+ 4	0	8.5	— 6.9	28.7	74
	Dacca (Tejgaon)	—	—	12,3	—	32,1	—
	Faridpur	0					71
Khulna	Barisal	0	— 3	11 5	— 7,3	26,2	81
	Khulna	+ 4	/				68
	Satkhira	+ 8	+ 4	9,9	— 5,4	19,8	65
	Jessore	—	—	8,9	— 6,1	19,9	65
Rajshahi	Pabna	—	—	13,7	—	24,3	59
	Sirajganj	— 13	+ 2	10 7	— 4,4	28,1	64
	Rajshahi	+					—
	Bogra	+ 1	—	21.5	— 4,9	39.9	69
	Dinajpur	— 1	+	13,9	— 5,?	26,7	72
	Rangpur	0	+ 1	13.7	— 8.5	29,3	84
Kashmir	Jammu						
Lahore	Lahore (Jail Rd.)	— 12	— 2	1,9	— 0,7	6,1	19
	Sialkot	— 3					32
Rawalpindi	Jhelum	—	—	1,9	—	7,9	—
	Islamabad						
	Rawalpindi	— 1	+ 4	1,7	— 1,9	12,6	34
	Campbellpur						—
Sargodha	Khushab	— 6	— 9	0,4	— 1 7	6.9	—
	Sargodha	—	—	0		3,0	15
	Lyallpur	— 12	— 5	0,1	— 1,7	4,3	12
Multan	Sahiwal	— 18	— 9	2,9	+ 1,2	6,7	10
	Multan	— 2	+ 1	0,1	— 0,9	2,3	7
	Leiah	—	—	0	—	0	8
Bahawalpur	Khanpur	— 1					6
	Bahawalpur		+ 2	0,3	— 0,5	1,9	6
	Fort Abbas						8
Peshawar	Chakdara						—
	Peshawar	— 3	+ 2	0,1	— 0,3	13,5	11
	Haripur	—	—	2,1	—	11,8	—
D. I. Khan	Bannu	— 3	—	0,0	—	3,0	11
	D. I. Khan	—	0	0,5	— 0,4	4.5	9
Quetta	Sibi	—	—	0,7	—	5,0	5
	Nokkundi	—	—	0	—	0,9	2
Kalat	Turbat	—					—
	Jiwani	—	—	0	—	1 1	5
	Pasni	—	+ 5	0	— 0,3	0.0	6
Karachi Division	Ormara						6
	Lasbela						8
	Karachi (Manora)	—					8
	Karachi (Airport)	— 14	—	3,2	—	3,3	—
Hyderabad	Nagarparkar	—	—	1,8	—	1,8	—
	Chore	—	—	0,7	—	0,7	7
	Hyderabad	0	+ 4	1,3	+ 0,5	3,3	
	Badin	+ 4	+ 3	0,3	— 1,7	2,1	
Khairpur	Padidan	—	—	0,7	—	2,5	—
	Nawabshah	—	—	1,1	—	2,1	
	Sukkur	—	—	0,1	—	0,8	4
	Kashmore	—	—	12,3	—	1.1	—
	Jacobabad	— 2	+ 3	0	— 0,4	1,5	4
Junagadh	Veraval						
	HILL STATIONS						
Kashmir	Srinagar						20
	Gulmarg						28
	Sonamarg						71
	Dras						26
	Leh						3
	Skardu						6
	Misgar						—
	Aliabad						—
	Gilgit						5
Rawalpindi	Murree	— 1	+ 3	2,3	— 4.0	29,7	59
Peshawar	Drosh	+ 14					18
	Cherat	+ 2	— 1	2.1	+ 0,7	15,5	29
	Kakul	—	—	2,8	—	24,5	—
	Landikotal	—	—	0,7	—	18.6	—
	Parachinar	+ 7	0	4.8	—	20.5	29
D.I. Khan	Miranshah	—	—	0,6	— 0,5	2,7	13
	Wana						11
Quetta	Fort Sandeman	— 1	+ 1	0,2	— 0.7	10.9	11
	Hindubag	—	—	0	—	5.8	—
	Loralai	—	—	0,1	—	4 9	9
	Barkhan	—	—	0		0	—
	Harnai	—	—	1,7	+ 0,6	10.5	14
	Samungli (Quetta)	—	—	0	— 0,1	7,5	9
	Chaman	+ 2	+ 6	0	— 0.0	4.2	8
	Nushki	—	—	0	—	3 8	—
	Dalbandin	0	— 1	0	— 0,0	1,8	4
Kalat	Kalat	+ 2	+ 2	0	— 0,3	6,3	7
	Khuzdar						—
	Panjgur						5

† 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. is rainfall since 0300 hrs. G.M.T. of the same day

Whenever given for RRR see the summary above is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 7th JULY, 1967.

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 $N_sCh_sh_s$	$O_sT T_s T_dT$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Fatehabbad Agem	53 171	72 100	7 25 09	97 02 0	038 91	53 1 20	73 6 09	9/ 1 //	12 5 33	
Dumra Gmlm	53 249	61 906	4 17 02	98 03 0	985 31	40 6 10	15 4 00	95 6 80	11 8 28	12 0 54
ships in BAY OF BENGAL										
Shams	53 060	813 00	6 // 12	98 03 2	078 26	24 3 30	16 1 01	00 0 23	12 1 34	12 0 45
Oceanindkarance	51 372	888 00	1 23 10	98 02 0	/// 26	56 / //	-	...	...	...
Ocedurance	53 67/	870 06	2 23 10	98 01 0	101 32	56 / //	...	—	...	...
Oedurance	53 142	869 12	5 21 10	98 03 0	8/ 29	56 / //	..	...	...	...

UPPER AIR DATA

At surface and Standard Isoboric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTITTdTdTd	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 $T_dT_dT_d$								HHH TTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	998 288 282	—	...	140 228 228	...	311 155 155	...	590 188 999	767 565 915	988 648	820 852	490 948	773 055
Dacca ...	00 00	998 272 262	...	...	135 212 999	...	308 152 999	...	584 000 999		...	...	...	—
Jiwani ...	00 00	992 282 268		...	140 255 999	...	300 922 999	...	584 555 999	575 615 999	972 765	254 952	154 072	...
Karachi ...	00 00	996 302 268		...	MISDA	...	...	...	...	...	...	...	...	...
Lahore ...	00 00	972 275 195	...	...	139 202 125	...	306 130 070	...	572 510 999	756 610 999	...	...	...	...
Multan ...	00 00	980 212 252	—	...	140 235 205	...	303 105 045	...	578 020 999	756 550 900	979 615	285 715	493 802	790 850
Peshawar ...	00 00	956 312 232	...	...	145 298 278	...	310 202 999	...	591 048 918	769 542 592	989 678	...	...	...
Quetta			...	...										

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...	...												
Chittagong ...	00 00	900 225 248	800 502 202	484 00/ ///	350 61/ ///	250 75/ ///	...	...	...	...	100 773 055	...	...
Dacca ...	00 06	900 250 822	600 06/ ///	...	...	...	...	...	...	...	584 000 999		...
Jiwani ...	00 00		...	...	...	...	...	...	...	...	...	...	...
Karachi ...	00 00	900 261 ///	800 25· ///	600 06/ ///	350 67/ ///	...	...	...	...	...	150 154 072	...	...
Lahore ...	00 00	909 242 165	800 182 135	600 052 032	350 165 999	250 785 999	—	...	...	—	250 785 999	...	...
Multan ...	00 00	900 275 255	800 192 162	470 00/ ///	350 58/ ///	250 66/ ///	—	...	...	—	100 790 850	—	—
Peshawar ...	00 00	909 322 285	800 27/ ///	600 12/ ///	350 61/ ///	252 76/ ///	...	...	...	...	252 76/ ///	...	...
Quetta ...												...	...

P. P.—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 Bulbtemperatures 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
Bogra	...	...	...			...	...	...	...
Chaklala	...	23 04	20 08	23 09	25 03	07 02	05 05	...	...
Chhor	15 16	15 21	16 17	15 12	14 15	...	...	...	...
Chittagong	No	...	...	...	...	...	...	...	—
Cox's Bazar	24 23	24 28	24 25	25 21	25 21	27 17	...	...	...
Dacca	21 22	23 25	39 22	...	...	...	...	...	...
Dalbandin	...	...	22 09	25 08	25 07	25 08	15 03	20 04	17 05
D. I. Khan	...	...	...	...	...	...	...	...	...
Drosh	...	.		...	23 10	19 03	35 11	33 16	31 17
Fort Sandeman	...		...	06 03	05 04	03 10	30 12	35 20	36 20
Jacobabad	14 05	17 06	17 06	13 01	01 04	03 70	// //	01 09	01 202
Jessore	Raini-	ng	...	...	...	...	...	...	...
Jhelum	16 06	15 08	15 08	05 04	07 09	13 04	01 08	01 10	01 13
Jiwani	17 08	20 03	21 02	28 03	32 04	33 07	20 19	03 16	06 08
Karachi	24 09	23 06	14 06	...	...	...	...	...	
Khanpur	35 02	35 02	35 03	30 02	28 06	30 08	36 13	35 12	33 09
Lahore	07 06	08 08	08 08	08 15	06 13	04 15	05 13	...	—
Multan	05 05	02 03	02 03	33 08	34 18	33 13	31 21	32 17	...
Nawab Shah	17 09	14 06	13 06	04 06	02 05	02 12	35 07	35 01	36 01
Panjgur	...	...	...	...	...	...	...	...	...
Peshawar	...	.	...	..	// //	32 12	35 15	33 10	33 21
Samungli	...	...	...	...	21 04	29 02	22 05	31 07	29 10
Sargodha	09 13	09 11	07 09	05 16	03 17	01 13	36 18	01 18	01 21
Sylhet	22 16	23 21	32 23	...	...	...	...	...	...
Vrawala	...	...	...	...	...	—	...	...	...

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
Bogra	No	Ascent			...	
Chaklala	...	00 09	12 10	09 03	// //	33 13
Chhor	23 18	24 21	24 1	...	...	
Chittagong	...	...	..	..	...	...
Cox's Bazar	24 14	...	...	...	...	...
Dacca	...	..	...	...	...	
Dalbandin	...	...	18 02	19 03	20 02	20 07
D. I. Khan	...	...			...	
Drosh	22 02	22 46	23 09	23 11	27 03	31 07
Fort Sandeman	...	.	...	30 06	01 04	07 04
Jacobabad	...	..	...	...	.	...
Jessore	Raini-	ng	...	...	...	...
Jhelum	17 05	16 02	19 04	32 08	35 13	35 15
Jiwani	..	...	—	..	...	...
Karachi	...	...		...		
Khanpur	22 13	22 15	23 19	23 29	26 14	36 21
Lahore	20 02	23 02	34 03	...		...
Multan	19 11	19 09	21 08	25 08	30 15	29 14
Nawab Shah	21 17	23 15	23 10	35 06	35 08	06 07
Panjgur	...	...		...	...	
Peshawar	...	36 05	02 05	31 08	30 15	23 06
Samungli	..	...	...	...	...	...
Sargodha	14 03	14 13	07 02	30 10	35 10	32 25
Sylhet	...	...	...	...	...	...
Vrawala	No	Ascent	...	...	...	...

At 0600 G.M.T of date (dd ff)

Height in Kms a.s.l.→ STATION	0.3	0.6	0.9	1.8	2.1	3.0	5.4	5.4	6.0	7.2	0.9
	17	18	19	20	21	22	23	24	25	26	27
Bogra	...		...	...	..	—	...		...	...	...
Chaklala	...	...	..	...	...	...	...	...	...	...	...
Chhor	21 19	22 20	...	..	...	...	...	...	...	...	...
Chittagong	No	Ascent	...	...	...	...	...	...	...	...	...
Cox's Bazar	23 20	24 21	24 19	...	...	...	...	...	...	...	...
Dacca	23 12	25 10	26 19	26 26	27 21	27 20	27 21	27 26	...	...	...
Dalbandin	...	...	24 05	27 10	29 13	27 10	30 09	03 04	19 03	13 03	18 02
D. I. Khan	...	...	—	...	...	...	...	...	...	...	...
Drosh		...	...								
Fort Sandeman	...	...	...	25 05	24 05	31 09	31 14	31 16	30 13	24 12	21 06
Jacobabad	...	...	...	...	...	...	...	...	...	...	...
Jessore	22 19	25 22	36 25	// //	27 19	...	...	...	...	...	...
Jhelum	13 03	15 03	18 03	30 12	30 15	33 13	31 15	31 10	31 22	31 32	...
Jiwani	14 03	14 03	21 05	27 05	30 05	36 05	35 05	12 05	...	...	...
Karachi	24 12	26 11	28 11	31 10	31 06					...	...
Khanpur	22 05	// //	23 15	27 10	27 10	31 10	33 15	36 10	34 10	34 10	...
Lahore	14 06	14 07	14 06	29 05	...						
Multan	22 13	23 13	21 08	21 10	21 07	24 11	27 11	31 18	33 11	34 13	33 21
Nawab Shah	25 05	23 05	25 03	29 05	30 05	36 05	05 05	07 05	35 05	07 05	07 10
Panjgur	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	05 03	09 05	28 14	29 19	// //	33 12	33 17	31 27	32 20	31 27
Samungli	...	...	...	...	...	...	...	...	...	...	...
Sargodha	05 02	17 02	18 08	30 10	36 15	29 20	32 20	32 20	29 20	33 20	33 20
Sylhet	No	Ascent	...	...	...	...	...	...	...	...	...
Vrawala	...	...	...	...	...	...	...	...	...	...	...

* The actual time of observation 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 ...	26 15	25 15	25 13	// //	03 04													
Peshawar ...	...	27 08	29 03	20 25	28 07	30 09	33 12	31 15	...	...	...	...	...	...	...	...	..	...
Quetta ...																		

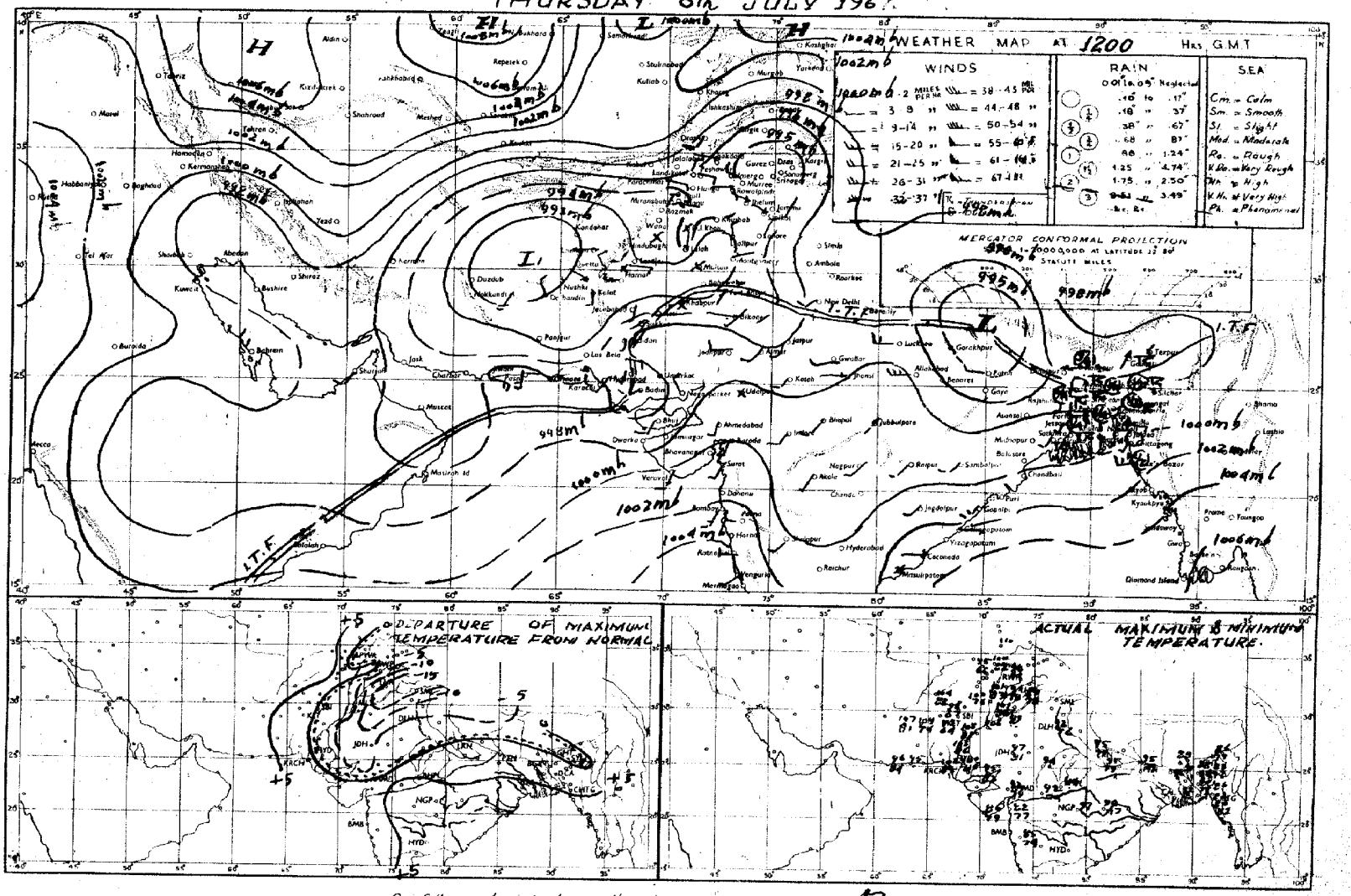
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North throughou East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots. 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr etc.)

The accuracy of individual contributing reports cannot be guaranteed. Corrections can be obtained if necessary on application to the Meteorologist, Weather Central, Air Port, KARACHI—8

PAKISTAN DAILY WEATHER MAP

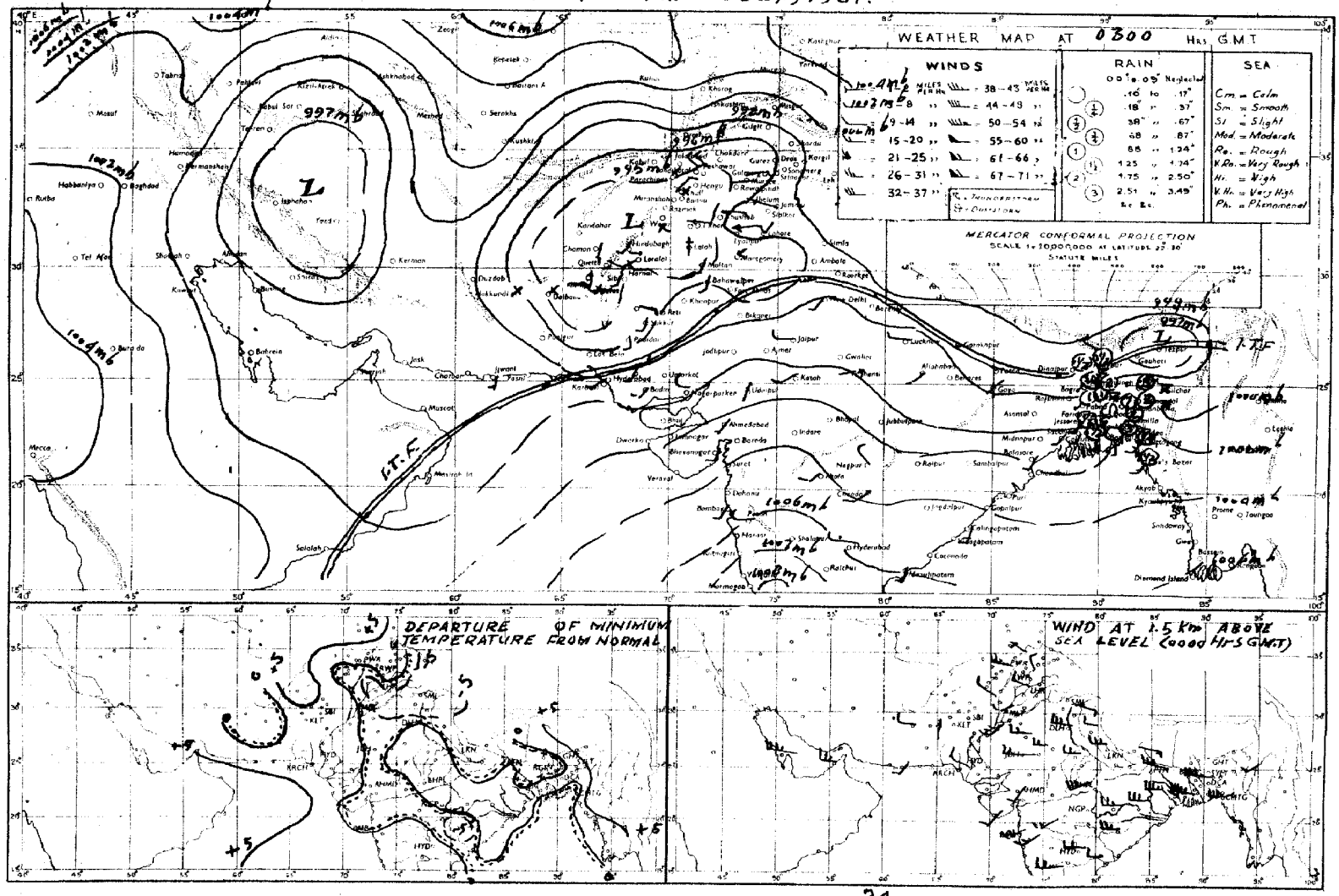
THURSDAY 6th JULY 1967.



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

FRIDAY 7th JULY, 1967.



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

Pgees 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 21

SATURDAY THE 8th JULY, 1967.

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

The seasonal trough of low pressure extending from Kalat division to Sergodha division is well marked. A few falls of light rain or drizzle have been reported from Karachi division.

The axis of Mansoon trough runs along the foot of the Himalayas.

Mansoon is active over East Pakistan and has caused widespread rain/thuudershowers in Dacca and Rajshahi divisions and fairly widespread elsewhere in the province. Locally heavy to very heavy falls have also occured over the province.

Chief amounts of rainfall are: Chittagong 10" Rangamati (upto 08,0000 G.M.T.) and Bogra 6" each, Sylhet 5", Cox's Bazar, Maijdee Court 4" each, Srimangal, Dacca and Comilla (upto 08,0000 G.M.T.) 3" each, Mymensingh Narayanganj and Dinajpur 2" each, Barisal 1½", Brahmanbaria and Sirajgang 1" each, Jessore and Pabna 3/4" each and Rangpur ½".

Day temperatures: These were 3—7°F (2—4°C) below normal in East Pakistan and in Lahore divisions and were to the same extert above normal elsewhere in West Pakistan outside Karachi and Khairpur divisions.

Forecast valid until the evening of 9th July, 1967:- Fairly widespread rain/thundershowers with locally heavy to very heavy falls will occur in East Pakistan. A few falls of light rain or drizzle may also occur in Karachi and Hy derabad divisions.

Karachi-11
The 8th July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meterological Services.

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

Divisions	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wb (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	Rangamati	376	8	7	18	02	96	29	9	013	75	5	7	5	/	/	75	75
	Cox's Bazar	024	1	8	23	16	96	21	6	999	80	8	4	3	2	/	77	85
	Chittagong	378	9	7	09	07	97	22	9	999	77	6	3	4	3	0	75	82
	Majidee Court	...	..	..								...		..	..	...	...	...
	Comilla	243	6	7	18	03	96	02	6	//	80	7	4	4	/	/	77	87
	Brahmanbaria	...	..	..	..	...	..	..			..	...	..	..	...			..
	Sylhet	510	9	8	13	05	96	95	9	976	79	9	9	2	2	/	79	79
	Srimangal	245	9	8	00	10	96	95	9	991	79	7	7	3	1	1	75	80
Dacca	Mymensingh	020	3	7	00	00	96	03	3	965	80	7	5	5	0	0	70	80
	Narayanganj	027	1	6	13	02	96	03	6	972	85	8	7	2	/	/	83	88
	Dacca (Tejgaon)	026	9	7	23	02	97	01	6	970	83	4	8	5	7	0	79	88
	Faridpur	008	0	6	16	02	97	02	6	956	83	5	5	5	1	0	83	85
Khulna	Barisal	...		..	..	...	...	...		..	..	..	...	...	...	...	...	
	Khulna	020	0	3	18	05	97	02	1	972	87	0	0	7	4	0	80	87
	Satkhira	000	0	4	23	01	96	00	0	958	87	4	3	6	0	0	85	90
	Jessore	005	9	7	16	09	97	02	2	970	87	2	5	4	3	8	80	90
Rajshahi	Pabna	...			...	...	...	...				...	...	...	...			...
	Sirajganj	024	8	8	15	05	96	02	2	955	83	8	6	6	0	0	79	83
	Rajshahi	056	1	8	13	02	95	61	9	960	77	8	7	4	/	/	75	87
	Bogra	224	6	8	18	05	96	97	9	962	75	6	9	3	2	/	75	83
	Dinajpur	073	2	8	18	02	95	66	6	939	79	8	0	7	7	/	75	90
	Rangpur	...	...	...	...	—	...	...	...	...	...		...	...	...	—	...	...
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	02	1	918	96	1	0	9	3	0	76	97
	Sialkot	...		...	...	...	—	...	..	—	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	0	2	13	03	98	01	0	912	97	2	2	6	0	0	76	99
	Islamabad																	
	Rawalpindi	000	0	1	27	03	99	00	0	888	02	/	2	7	/	/	66	03
	Campbellpur																	
Sargodha	Khushab	000	0	0	27	02	98	00	0	929	99	0	0	9	0	0	74	00
	Sargodha	000	0	1	20	05	98	01	0	913	05	1	1	6	0	0	67	06
	Lyallpur	000	0	4	00	00	96	02	0	901	01	0	0	9	4	0	97	03
Multan	Sahiwal	000	0	1	18	02	96	05	0	909	02	1	0	9	3	0	76	03
	Multan	000	0	2	18	02	97	02	0	898	06	1	2	7	0	1	41	07
	Leiah	000	0	2	26	01	98	07	0	954	02	9	0	9	0	8	72	14
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	900	07	0	0	9	0	0	68	08
	Bahawalpur	000	0	0	23	02	96	00	0	716	06	0	0	9	0	1	68	07
	Fort Abbas	000	0	4	23	03	98	00	5	910	05	0	0	9	0	4	72	06
Peshawar	Chakdara	000	0	1	17	07	97	01	0	876	98	1	1	7	0	0	76	00
	Peshawar	000	0	1	05	02	97	02	0	881	03	1	1	6	0	0	73	5
	Haripur	000	0	0	09	03	97	00	0	883	03	0	0	9	0	0	67	04
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	891	03	0	0	9	0	0	73	04
	D. I. Khan	000	0	0	00	00	98	00	0	907	07	0	0	9	0	0	76	07
Quetta	Sibi	000	0	2	18	03	97	03	1	896	11	0	2	9	2	0	72	14
	Nokkundi	000	0	0	23	03	95	05	0	882	12	0	9	9	0	0	42	13
Kalat	Turbat	000	0	0	23	03	98	02	0	965	03	0	/	9	0	0	78	08
	Jiwani	000	0	2	18	09	96	03	0	971	19	2	6	5	0	0	79	92
	Pasni	000	0	3	18	14	97	03	0	978	97	3	6	5	0	0	78	95
Karachi Division	Ormara																	
	Lasbela																	
	Karachi (Manora)	000	0	5	25	05	96	03	0	977	88	0	0	9	0	0	79	91
	Karachi (Airport)	000	0	7	25	14	96	02	0	979	90	7	6	5	0	0	77	93
Hyderabad	Nagarparkar	000	0	8	31	21	97	03	1	964	95	4	5	7	0	0	73	96
	Chore	000	0	3	23	28	96	07	1	953	95	3	5	6	0	0	77	99
	Hyderabad	000	0	2	23	12	97	31	2	976	20	2	5	6	0	0	78	00
	Badin	000	0	5	23	10	98	02	0	980	98	5	6	6	0	0	75	99
Khairpur	Padidan	000	0	0	18	07	96	02	0	910	10	0	0	9	0	0	65	11
	Nawabshah	000	0	0	23	21	96	07	0	928	05	0	0	9	0	0	73	09
	Sukkur	000	0	0	36	07	96	02	0	902	07	0	0	9	0	0	78	07
	Kashmore	000	0	0	23	04	98	01	0	938	07	0	0	9	0	0	71	08
	Jacobabad	000	0	0	18	09	97	02	0	895	11	0	0	9	0	0	65	11
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu **																	
	Misgar *																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	4	27	05	98	01	1	332	76	4	5	3	0	0	62	77
Peshawar	Drosh *	000	0	0	23	05	99	02	0	346	02	0	0	9	0	0	34	03
	Cherat *	000	0	0	36	02	98	00	0	392	97	0	0	9	0	0	57	79
	Kakul *	000	0	3	23	05	95	05	1	393	89	3	2	6	0	0	63	90
	Landikotal *																	
	Parachinar *	000	0	1	13	08	97	02	0	379	98	1	2	7	0	0	52	98
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	350	99	0	0	9	0	0	46	00
	Wana *	000	0	0	03	02	99	00	0	450	90	0	0	9	0	0	75	92
Quetta	Fort Sandeman *	...	—	—	...	...	...	...	...			...		...	—	...	...	...
	Hindubag *	030	0	0	33	02	98	02	0	385	97	0	0	9	0	0	56	97
	Loralai *	000	0	0	13	04	98	00	0	///	99	0	0	9	0	0	93	05
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	367	01	0	0	9	0	0	66	01
	Samungli (Quetta) *	000	0	0	31	07	97	02	0	378	99	0	0	9	0	0	35	00
	Chaman *	000	0	0	31	00	98	00	0	405	04	0	0	9	0	0	73	08
	Nushki *	000	0	0	13	02	98	00	0	452	05	0	0	9	0	0	59	09
	Dalbandin *	000	0	0	23	05	94	04	0	404	09	0	0	9	0	0	54	11
Kalat	Kalat *	000	0	0	27	05	98	00	1	390	88	0	0	9	0	0	70	93
	Khuzdar *																	
	Panjgur *																	

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

Divisions	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † W1 (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 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 1967 to-date (39)	Departure from normal (40)	Since 1st January, 1967 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	...	...	...	...	...	...	...		...	...	...	...	...	...		...	...	—					—
	Cox's Bazar	419	4	8	09	08	96	95	9	021	76	6	9	4	2	/	76	76	− 5	− 1	34,6	− 5,6	43.6	142
	Chittagong	999	9	8	13	14	92	61	6	017	76	8	7	3	2	/	76	77	− 4	− /	21,1	− 5.9	34,1	108
	Majidee Court	395	7	8	80	00	96	09	6	012	76	6	5	5	2	1	73	76	—	− 2	27,8	− 1.6	49,5	115
	Comilla	...		..		...	...	...								...			0			—		94
	Brahmanbaria	089	9	7	18	05	96	02	6	996	81	7	5	5	0	0	77	76		—	18,3	+ 1.1	41,1	78
	Sylhet	510	9	8	00	00	96	95	9	993	77	7	9	4	2	/	76	77	—	—	48,9		80,7	—
	Srimangal	257	9	7	09	03	96	03	9	996	80	3	5	4	3	1	77	77	− 0	+ 1	18.3	− 4,5	40.7	98
Dacca	Mymensingh	229	9	7	00	00	96	03	6	987	81	7	5	5	0	0	81	76	− 7	− 2	—	—		91
	Narayanganj	232	0	8	13	03	97	03	2	990	80	8	7	4	0	0	80	77	− 3	− 2	10 8	− 5.0	30.9	74
	Dacca (Tejgaon)	360	9	7	18	05	97	01	9	980	83	4	5	4	7	0	80	77	—	—	14,9	—	34,7	—
	Faridpur	133	3	8	20	05	97	02	3	983	83	6	5	4	1	0	79	79	− 2	+ 1	18,7	+ 2,5	26.1	71
Khulna	Barisal	143	9	4	18	02	96	02	6	065	81	4	7	6	0	0	77	76		− 3	13 0	− 6,5	27,7	81
	Khulna	097	9	3	00	00	97	02	2	003	//	0	0	7	4	0	//	//	− 1	/				68
	Satkhira	000	0	4	23	01	96	00	0	981	85	4	5	7	0	0	79	86	+ 1	+ 2	9,9	− 5,9	19,8	65
	Jessore	078	9	7	21	14	97	02	9	987	85	2	5	4	3	1	78	79	—	—	9,7	− 5,8	20.6	65
Rajshahi	Pabna	085	9	7	23	05	97	01	9	985	86	3	7	6	6	0	80	77	—	—	14,5	—	15,1	59
	Sirajganj	097	9	8	33	03	98	02	9	980	83	4	4	4	2	0	79	77	− 4	− 1	11,7	− 3,8	19,4	64
	Rajshahi	...	...	...	...	...	...	...		...	...	...	...	...	...				− 2					—
	Bogra	618	1	8	18	03	96	21	9	971	/	8	4	4	2	0	79	73	− 6	− 5	22,5	+ 5,4	40.9	69
	Dinajpur	195	/	7	18	02	96	03	6	968	83	7	7	6	/	/	79	77	+ 1	− 1	14,7	− 6 0	28,7	72
	Rangpur	068	8	7	23	05	96	61	6	016	79	7	0	9	2	0	75	79	—	+ 1	14,4	− 8,6	29,7	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	8	00	00	96	03	1	912	90	8	0	9	2	1	79	81	− 4	− 1	1,9	− 1,0	6,1	19
	Sialkot	000	0	0	31	00	98	00	0	911	88	0	0	9	0	0	80	73		− 8	—	—	—	32
Rawalpindi	Jhelum	000	0	0	00	00	98	02	0	909	92	0	0	9	0	0	76	85	—	—	1,9	—	7,9	—
	Islamabad																							
	Rawalpindi	000	0	0	09	02	99	00	0	901	91	0	0	9	0	0	77	83	− 4	+ 6	1,8	− 2.1	12,6	36
	Campbellpur																							
Sargodha	Khushab	000	0	0	09	02	93	00	0	959	90	0	0	9	0	0	76	75	− 4	− 8	0,4	− 1 7	6,9	15
	Sargodha	000	0	0	09	02	96	06	0	912	90	0	0	9	0	0	80	86	—	—	0	—	3,0	—
	Lyallpur	000	0	4	16	02	95	02	0	905	91	/	/	/	/	/	81	86	0	+ 3	0.1	− 1,8	4,3	13
Multan	Sahiwal	000	0	0	18	02	96	05	0	917	88	0	0	9	0	0	75	86	− 1	+ 2	2.9	+ 1,1	6,7	10
	Multan	000	0	0	18	14	96	07	0	911	88	0	0	9	0	0	79	86	+ 4	+ 1	0.1	− 0,9	2,3	7
	Leiah	...	..		...		..	...	..	...	...	...	...	..	...	...	...	...						8
Bahawalpur	Khanpur	000	0	0	23	07	96	05	0	914	87	0	0	9	0	0	76	84	—	+ 1	—	—	—	6
	Bahawalpur	...	...	...					...			...			...			...	+ 2					6
	Fort Abbas	000	0	2	13	02	98	21	9	958	94	0	0	9	2	0	74	87	—	—	4.3	—	4,3	8
Peshawar	Chakdara	000	0	0	05	03	98	04	0	885	86	0	0	9	0	0	70	76	—	—	—	—	—	—
	Peshawar	000	0	0	00	00	97	02	0	897	91	0	0	9	0	0	79	81	− 2	+ /	0,1	− 0,3	13,5	11
	Haripur	000	0	0	36	00	97	00	0	897	95	0	0	9	9	0	80	83	—	—	2.1	—	12,8	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	898	//	0	0	9	0	0	67	79	—	—	0,0	—	3,0	11
	D. I. Khan	000	0	0	00	00	97	00	0	951	92	0	0	9	0	0	79	85	+ 7	+ 2	0,5	− 0,5	4,5	9
Quetta	Sibi	000	0	2	00	00	97	03	0	922	92	0	2	9	2	2	60	91	—	—	0,7	—	5,0	5
	Nokkundi	000	0	0	05	05	95	05	0	913	99	0	0	9	0	0	40	87	—	—	0	—	0,9	2
Kalat	Turbat	000	0	0	23	02	98	02	0	006	87	0	0	9	0	0	79	84	—	—	0	—	0,3	—
	Jiwani	000	0	3	00	00	96	02	0	988	86	3	6	4	0	0	77	83	—	—	0	—	1 1	5
	Pasni	000	0	1	00	00	97	03	0	989	86	1	6	5	0	0	77	82	+ 3	+ 4	0	− 0,3	0 0	6
Karachi Division	Ormara																							6
	Lasbela																							8
	Karachi (Manora)	...	..	..					...			...			...	...		...	0					8
	Karachi (Airport)	003	9	7	23	07	96	03	5	981	87	7	6	5	0	0	78	80	—	—	3,1	—	9,3	—
Hyderabad	Nagarparkar	000	0	5	31	12	96	03	1	997	85	4	5	8	0	0	73	82	—	—	1,8	—	1,9	—
	Chore	000	0	7	23	24	96	02	0	959	85	7	6	4	0	0	77	11	—	—	0,7	—	0,7	7
	Hyderabad	000	0	2	23	12	96	06	0	953	88	2	5	6	0	0	79	85	0	+ 3	1,3	+ 0,5	3,3	9
	Badin	000	0	0	20	08	98	02	0	989	85	0	0	9	0	0	78	83	+ 3	+ 1	0,3	− 1.7	2,1	
Khairpur	Padidan	005	0	0	18	07	96	02	0	917	89	0	0	9	0	0	75	84	—	—	0,7	—	2,5	—
	Nawabshah	000	0	0	16	12	96	06	0	925	90	0	0	9	0	0	76	86	—	—	1,1	—	2,1	—
	Sukkur	000	0	0	20	07	96	02	0	918	90	0	0	9	0	0	76	00	—	—	0,1	—	0,9	4
	Kashmore	000	0	0	18	02	97	02	0	964	70	0	0	9	0	0	74	82	—	—	1,2	—	1,1	—
	Jacobabad	000	0	0	11	05	96	02	0	913	91	0	0	9	0	0	79	86	+ 1	+ 1	0	—	1,5	4
Junagadh	Veraval																							20
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu **																							6
	Misgar *																							—
	Aliabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	000	0	4	00	00	97	01	/	405	70	4	5	3	0	0	61	63	+ 2	+ 4	2,3	− 4.4	29,7	59
Peshawar	Drosh *	000	0	0	05	16	99	02	0	390	88	0	0	9	0	0	31	79	+ 4	+ 7				18
	Cherat *	000	0	0	00	00	98	00	0	379	83	0	0	9	0	0	53	76	+ 9	+ 4	2,1	+ 0,5	15,6	29
	Kakul *	000	0	1	09	00	95	05	0	472	82	1	2	6	0	0	65	75	—	—	2,8	—	24,5	—
	Landikotal *																							—
	Parachinar *	000	0	0	09	02	97	04	0	371	83	0	0	9	0	0	48	71	+ 7	+ 5	4 8	—	20.5	29
D.I. Khan	Miranshah *	000	0	0	05	02	99	00	0	369	87	0	0	9	0	0	68	83	—	—	0,6	− 0,6	2,7	13
	Wana *	...	..	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...						11
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	390	77	0	0	9	0	0	56	76	—	+ 1	0,2	− 0,8	10,9	11
	Hindubag *	000	0	0	00	00	98	02	0	422	76	0	0	9	0	0	53	68	—	—	0	—	5,8	—
	Loralai *	000	0	0	31	02	97	00	0	380	77	0	0	9	0	0	66	67	—	—	0,1	—	4 9	9
	Barkhan *																				0			—
	Harnai *	000	0	0	00	00	97	02	0	368	91	0	0	9	0	0	58	83	—	—	1,7	+ 0.5	10.5	14
	Samungli (Quetta) *	000	0	0	00	00	96	04	0	398	75	0	0	9	0	0	40	61	—	—	0	− 0,1	7,5	9
	Chaman *	000	0	0	18	00	99	00	0	462	87	0	0	9	0	0	41	80	+ 3	+ 4	0	− 0.0	4.2	8
	Nushki *	000	0	0	13	02	98	00	0	436	85	0	0	9	0	0	61	87	—	—	0	—	3.8	—
	Dalbandin *	000	0	0	00	00	94	05	0	392	88	0	0	9	0	0	52	74	+ 2	− 1	0	− 0,0	1,8	4
Kalat	Kalat *	000	0	0	00	00	98	00	0	414	76	0	0	9	0	0	42	68	+ 2	+ 3	0	− 0,3	6,3	7
	Khuzdar *																							—
	Panjgur *																							5

† 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. is rainfall since 0000 hrs. G.M.T. of the same day

Whenever given for RRR see the summary above is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 8th JULY, 1967.

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	8 $N_sCh_sh_s$	$0_sT_sT_sT_dT$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Fatehabad	73 225	680 00	4 25 09	98 03 1	996 83	44 3 00	74 6 //	00 / //	/ / 2 3	...
Deanmra	63 249	647 00	3 25 12	98 02 0	986 31	31 2 00	25 1 04	05 7 27	12 5 20	...
Asia	63 134	624 00	8 22 18	97 01 2	015 78	87 0 80	56 4 00	05 1 25	12 2 /5	...
British Sailor	63 147	671 00	3 27 20	89 02 1	038 82	37 2 00	75 7 05	00 0 76	12 7 23	...
Fatehabad	63 189	05 00	8 25 09	96 80 2	027 80	87 0 00	73 6 03	01 / //	12 5 33	...
Dumra	63 248	663 06	1 25 13	98 02 0	001 31	00 9 01	25 2 03	05 4 26	12 5 22	...
Kryptons	63 212	628 36	4 21 18	98 02 1	032 29	42 4 00	00 1 26	12 1 26	12 1 22	12 1 49
Rondo	63 216	694 06	2 24 19	98 01 6	032 30	21 3 00	77 4 00	02 9 26	12 4 23	24 4 73
Fatehabad	63 196	699 06	6 25 09	98 02 0	042 83	63 1 00	73 1 04	9/ / //	12 5 33	...
Fatehabad	63 207	693 12	6 25 09	98 02 0	113 84	63 1 00	76 3 25	9 / //	17 5 33	...
Krypois	63 201	645 42	4 21 18	98 02 0	029 28	42 4 00	05 1 25	12 1 24	17 2 52	...
British Ambassador	63 248	578 12	0 32 03	98 05 0	965 98	00 9 00	76 6 20	00 5 92	13 2 21	...
Sirdhana	63 214	695 06	6 21 12	97 01 2	638 29	52 5 20	75 1 02	00 1 27	12 1 21	
Sirdhans	63 223	687 12	6 23 14	97 01 1	996 29	54 4 00	75 7 18	00 0 27	12 3 33	12 5 45
British Sailor	63 186	643 18	0 23 26	97 01 1	024 82	00 9 00	75 4 00	05 1 76	12 3 23	12 3 56
Rondo	63 238	672 19	2 32 25	98 02 0	977 30	22 3 00	76 4 00	05 1 26	05 1 26	12 2 45
Ondina	63 085	542 48	1 23 25	98 02 1	084 35	11 5 00	05 / //	12 3 34	...	
Sirchana	63 322	678 18	3 23 18	97 01 1	004 29	32 4 02	75 4 00	05 1 27	12 2 22	13 5 24
BAY OF BENGAL	63 097	840 06	4 13 16	98 92 0	11/ 32	56 / //	...	...	...	...
Ocean indurance										
Oceandurance										

UPPER AIR DATA

At surface and Standard Isoboric Levels

STATION	Time of ascent in G.M.T.	Surface PPPT TTdTdTd	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 $T_dT_dT_d$								HHH TTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...														
Jiwani ...	00 00	592 282 252	...	...	190 280 999	...	310 170 999	...	586 512 999	760 618 835	976 740	261 922	154 035	...
Karachi ...	00 00	995 302 262	...	...	140 322 198	...	111 195 195	...	586 018 018	463 595 999	979 735	255 922	...	...
Lahore ...	00 00	970 298 215	...	...	139 250 170	...	307 155 065	...	584 505 999	759 608 999	975 718	270 835	...	...
Multan ...	00 00	976 312 212	...	...	140 325 255	...	306 208 172	...	589 085 075	771 870 999	...	...	...	...
Peshawar ...	00 00	951 352 065	...	...	115 262 225	...	302 168 999	...	581 032 999	750 562 999	958 692			...
Quetta ...	00 00	813 268 028	–	...	120 705 085	...	/// /// ///	...	590 020 999	765 612 999	979 758	263 925	442 030	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT T_dT T_d									Max Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...													
Jiwani ...	00 00	900 255 245	800 26/ ///	600 05/ ///	350 67/ ///	250 83/ ///	...	...	...	...	150 154 035	...	...
Karachi ...	00 00	900 265 215	800 253 325	600 072 078	350 66/ ///	250 81/ ///	...	...	...	–	250 81/ ///	...	...
Lahore ...	00 00	900 272 195	800 222 138	600 088 585	505 000 999	...	–	...	...	...	200 270 835	–	...
Multan ...	00 00	900 328 245	800 292 222	600 118 105	350 55/ ///	250 65/ ///	–	...	...	...	250 65/ ///	...	...
Peshawar ...	00 00	900 282 248	800 232 205	800 10/ ///	350 63/ ///	250 77/ ///	...	...	...	...	250 77/ ///	...	...
Quetta ...	00 00	800 262 028	600 132 565	350 63/ ///	250 83/ ///	152 35/ ///	...	...	...	...	109 90/ ///	...	...

P. P—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. → STATION	0.3	0,6	6,9	1.5	2.1	3.0	4.5	5.4	6.0
1	2	3	4	5	6	7	8	9	10
Bogra	...	...	...	–	–	...	...	...	
Chaklala	...	Raini-		...	...	...	...	...	...
Chhor	22 15	23 15	23 12	33 03	34 06	03 11	35 11	34 06	02 07
Chittagong	19 19	27 15	28 13	...	...	...	...	...	...
Cox's Bazar	23 17	23 16	25 20	26 17	...	...	...	...	...
Dacca	19 15	22 12	24 13	26 18	27 21	...	...	–	...
Dalbandin	...	...	26 03	22 03	// //	33 04	04 03	03 09	07 11
D. I. Khan	...	...	...	...	...	...	...	...	...
Drosh	...	...	–	...	25 04	34 05	33 13	35 17	33 27
Fort Sandeman	...	–	...	33 09	32 10	31 13	30 17	31 14	32 17
Jacobabad	17 07	20 09	19 19	22 10	28 07	34 10	33 19	32 14	33 16
Jessore	21 21	22 20	25 21	27 21	28 23	28 31	...	...	...
Jhelum	18 10	20 09	20 09	25 10	30 17	31 15	02 05	33 21	31 27
Jiwani	16 15	18 10	21 06	31 02	34 06	36 03	16 01	24 03	17 03
Karachi	24 22	24 26	24 22	...	...	...	...	...	...
Khanpur	24 08	24 10	24 10	23 23	26 06	27 18	32 15	// //	34 17
Lahore	23 01	28 01	26 01	25 08	29 13	31 15	31 25	31 20	29 21
Multan	18 13	20 15	24 12	23 13	29 10	32 15	31 37	30 23	33 25
Nawab Shah	20 17	21 16	23 12	30 04	01 09	02 09	62 09	02 03	95 06
Panjgur		...	...	...	...	...	...	...	...
Peshawar	...	05 09	14 04	15 08	// //	32 14	35 19	34 17	33 33
Samungli	...		...	...	30 04	29 09	35 14	35 13	01 17
Sargodha	22 05	22 05	21 03	31 05	29 09	31 13	34 20	35 22	35 26
Sylhet	No	...	...	...	...	...	...	...	...
Vravale	...	...	...	...	...	...	...	...	...

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
1	11	12	13	14	15	16
Bogra						
Chaklala	20 17	24 21	25 20	26 20	...	...
Chhor	...	12 08	13 10	27 93	31 03	21 07
Chittagong	24 2/	25 34	...	...	...	
Cox's Bazar	No	Ascent	...	...	...	...
Dacca	No	Ascent	...	...	...	...
Dalbandin	21 21	24 25	25 24	26 10	26 23	28 22
D. I. Khan	...	...	35 12	36 09	01 07	01 06
Drosh	...	...	...	...	...	...
Fort Sandeman	...	...	...	09 06	05 07	36 08
Jacobabad	...	...	...	04 01	35 10	33 24
Jessore	10 15	12 14	15 14	24 13	29 17	33 33
Jhelum	10 15	12 14	15 14	24 13	29 17	33 33
Jiwani	...	...	...	...	...	...
Karachi	...	...	...	...	...	...
Khanpur	...	...		...	...	...
Lahore	21 20	23 05	23 25	25 25	27 20	...
Multan	13 08	17 10	25 08	27 09	30 10	...
Nawab Shah	19 26	21 27	22 23	25 19		...
Panjgur	32 29	25 13	28 16	28 13	28 15	33 15
Peshawar	...				...	
Samungli	...	28 03	30 04	32 04	25 07	34 04
Sargodha	09 06	23 09	24 10	27 10	34 10	33 21
Sylhet	...	...	...	...	...	...
Vravale	No	Ascent	...	...	...	...

At 0600 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	5,4	5.4	6.0	7.2	0,9
1	17	18	19	20	21	22	23	24	25	26	27
Bogra											
Chaklala	21 13	24 19	27 21	...	...	–	...	...	...	...	...
Chhor	...	17 06	17 03	16 01	32 14	...	...	...	...	...	...
Chittagong	22 16	22 20	...	...	...	...	...	...	...	...	...
Cox's Bazar	No	Ascent	...	...	...	...	...	...	...	...	...
Dacca	...	...	...	...	...	...	...	...	...	...	...
Dalbandin	22 2!	24 22		...	...	...	...	...	...	...	...
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	–	...	...	...	...	...	...	...	...	...	...
Jacobabad		...		30 04	31 04	05 07	04 10	03 19	02 25	34 33	33 31
Jessore	11 08	35 08	31 17	31 27	33 29	35 26	35 22	29 15	23 25	22 12	31 12
Jhelum	29 25	22 25	26 29	29 29	28 25						
Jiwani	13 03	14 08	16 06	27 11	30 13	31 15	// //	31 10	29 10	30 18	31 33
Karachi	17 06	17 06	26 05	29 09							
Khanpur	25 23	26 24	26 21		...	...	...	...	...	...	...
Lahore	21 06	24 06	26 06	25 03	31 04	34 09	32 10	33 07	36 08	35 08	04 05
Multan	24 09	26 07	27 07								
Nawab Shah	19 15	20 13	26 06	31 04	01 07	26 09	26 15	29 21	31 17	33 17	33 22
Panjgur	22 08	28 10	35 09	32 12	34 16	35 14	34 08	08 22	32 11	07 35	10 16
Peshawar	...	...	...	...							
Samungli	...	31 08	31 06	31 19	35 17	32 17	33 20	31 12	29 15	27 29	30 49
Sargodha					33 11	34 23	32 27	32 25	35 23	35 18	36 11
Sylhet	25 06	24 03	24 05	28 07	32 07	33 07	33 09	35 09	// //	08 02	...
Vravale	...	...	...	...	...	...	...	...	...	...	...

* The actual time of observation 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
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong –																		
Dacca –																		
Karachi ...																		
Peshawar ...	12 67	27 29	27 29	27 25	29 15	35 01	36 11	08 06	08 03									
Quetta ...	...	36 08	35 08	35 02	31 02	33 01	34 06	33 11	33 12	...	...	...	...	...	...	...	...	...

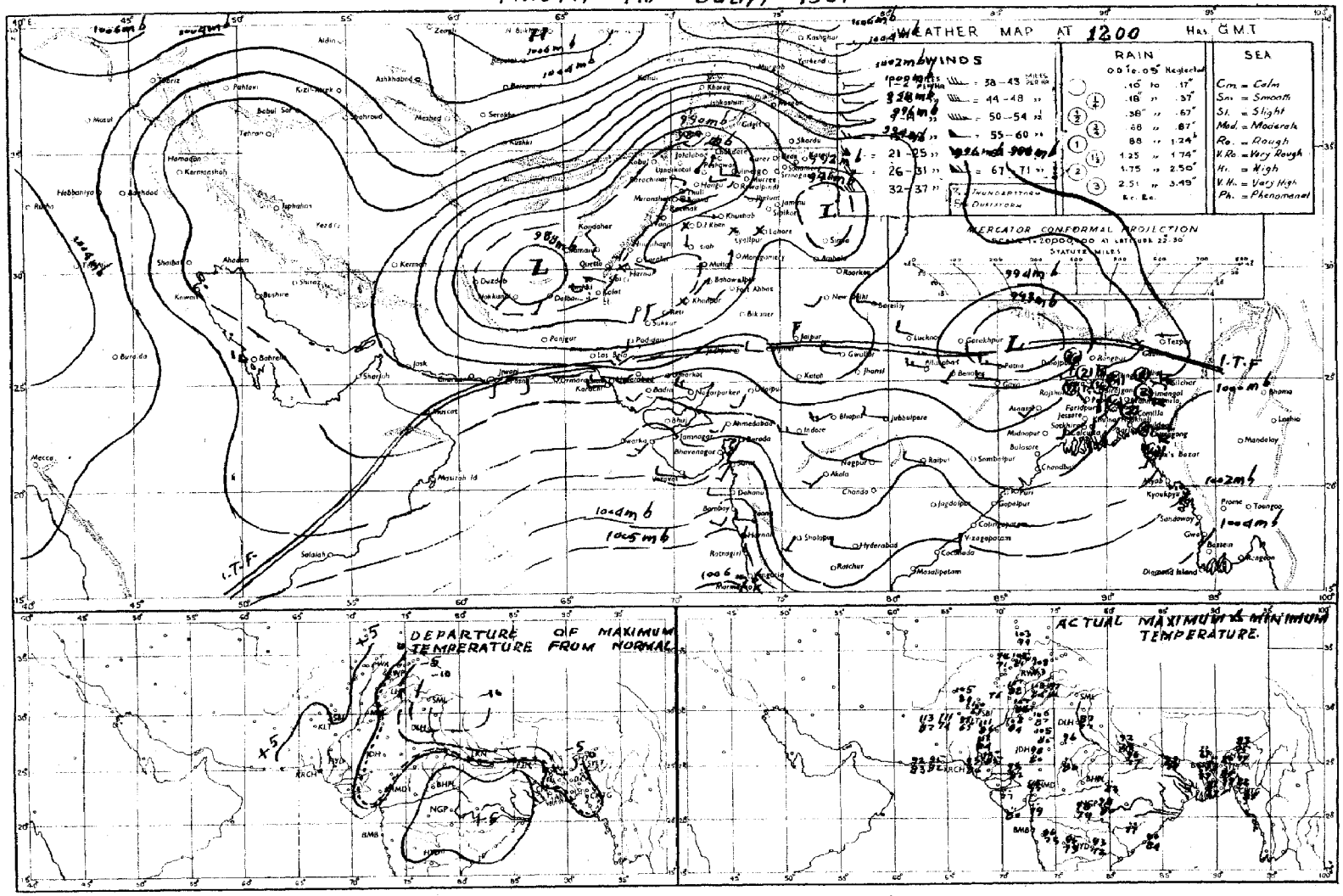
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North throughout East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr etc.)

The accuracy of individual portion of this report cannot be guaranteed. Corrections can be obtained if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—2.

PAKISTAN DAILY WEATHER MAP

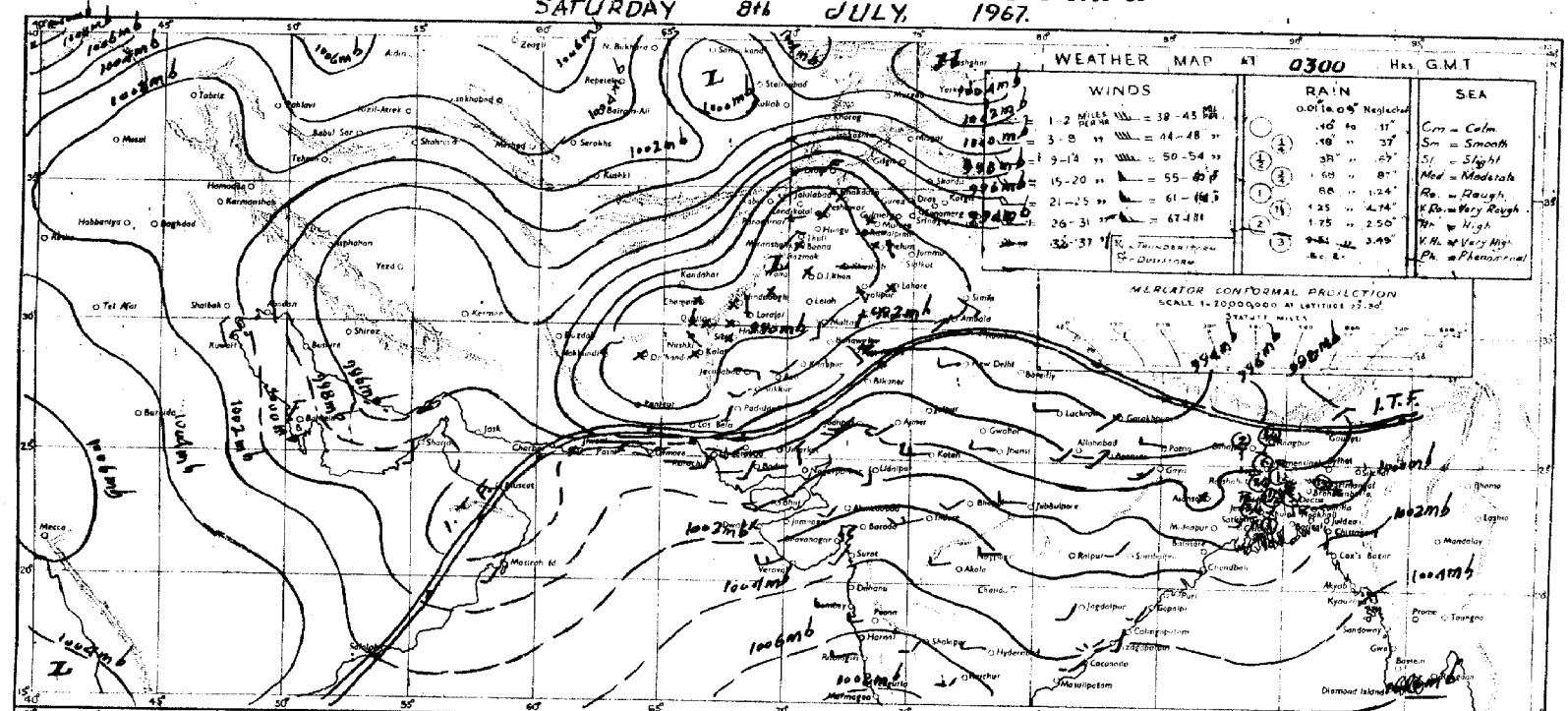
FRIDAY 7th JULY, 1967



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

SATURDAY 8th JULY, 1967.



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

Pgees 1—2 Rs. 3/-
Pages 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

SUNDAY THE 9th JULY, 1967.

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

Seasonal trough of low pressure extending from Kalat division to Sargodha division persists.

A few falls of light rain/drizzle have occured in Karachi division and a few thunderstorms in Hyderabad division.

The axis of Monsoon trough continues to run along the foot of Himalayas.

Monsoon continues to be active in East Pakistan and has caused widespread to widespread rain/thuudershowers in Dacca, Khulna, Rajshahi and Chittagong divisions.

Chief amounts of rainfall are: Chittagong 9", Cox's Bazar 6". Sirajgong 4", Mymensingh and Pabna 3" each, Rangamati, Comilla, Narayanganj, Dacca, Khulna, Jessore and Bogra 2" each, Faridpur and Rajshahi 1½" each, Sylhet, Barisal, Dinajpur and Rangpur 1" each, Brahmanbaria 3/4", Maijdee Court ½" and Srimangal ¼".

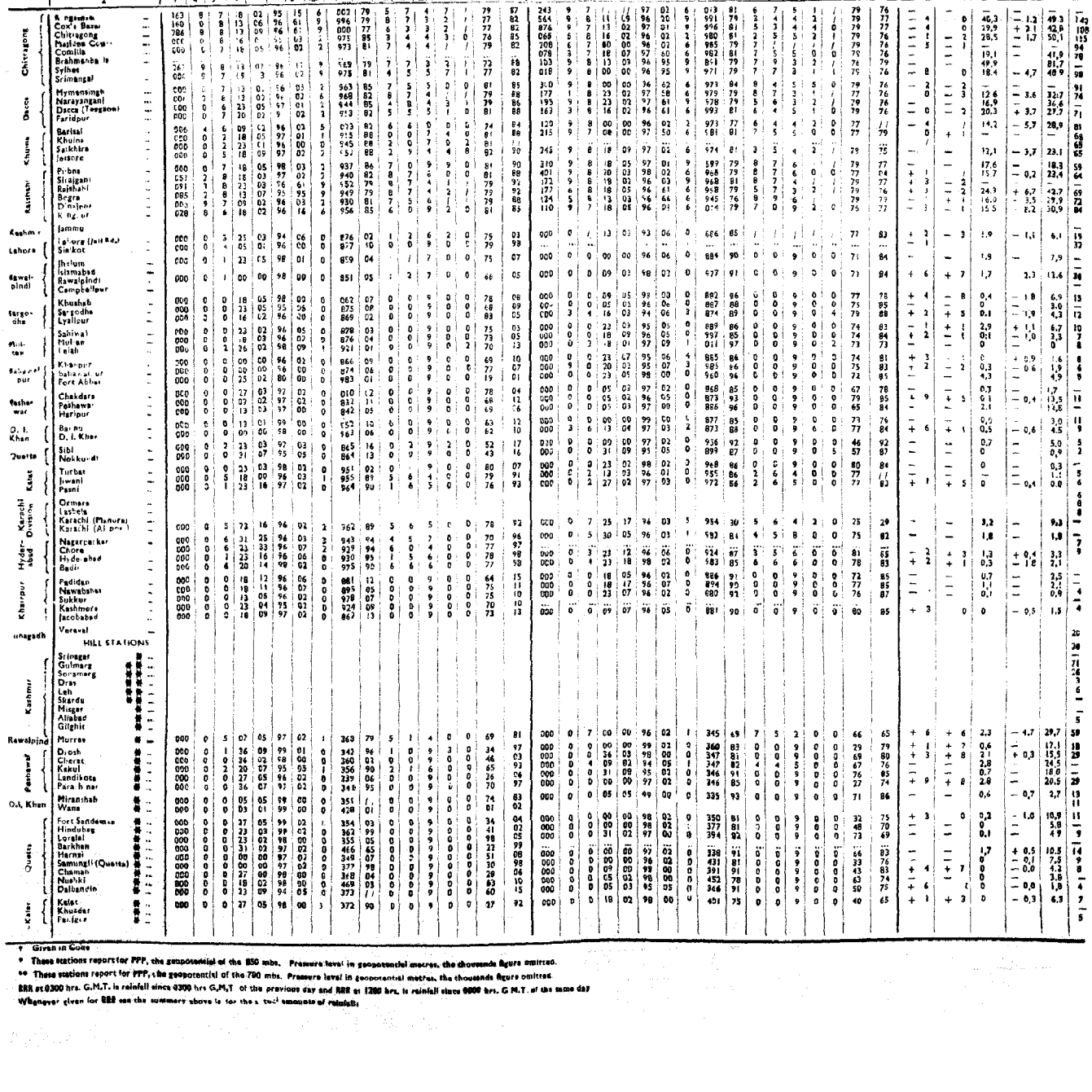
Day temperatures: These were 3—8°F (2—4°C) below normal in Chittagong division and were 3—9°F (2—5°C) above normal elsewhere over the country.

Forecast valid until the evening of 10th July, 1967:- Fairly widespread to widespread rain/thundershowers are likely to occur in East Pakistan. A few dust/thunderstorm may also occur in Sargodha, Lahore and Rawalpindi divisions and a few falls of light rain/drizzle in Karachi divisions.

Karachi-11
The 9th July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meterological Services.



* 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. is rainfall since 0600 hrs. G.M.T. of the same day

Wherever given for RRR see the summary above is for the last amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 9th JULY, 1967

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_{10}$ GG	N dd ff	VV ... W	PPP TT	$N_hC_LhC_MC_H$	D.V. a PP	8 $N_sC_sh_sh_s$	O, T T, T_d T	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Ismaeria	73 264	551 06	5 18 04	97 02 0	983 30	50 5 70	25 1 05	05 4 26	11 1 10	...
BAY OF BENGAL										
Gowe	72 038	555 06	7 18 11	15 91 2	971 26	36 5 61	47 7 10	06 4 23	13 6 11	...
Zeal	72 098	077 00	7 22 05	99 60 8	967 28	47 2 50	14 1 02	05 3 25	12 2 22	12 0 33
Escorts Ranger	71 182	913 12	7 25 09	99 03 1	998 29	68 3 31	75 6 22	00 2 26	12 4 23	12 6 24
Shanvi	72 912	907 12	8 27 12	92 79 5	980 32	00 2 30	32 4 74	16 6 33	00 1 29	12 7 34

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface PPPT TTdTdTd	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 TdTdTd					HHH TTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	536 150 480	...	...	140 315 205	...	306 132 112	...	/// 015 015	761 560 560	983 638 ///	278 778 ///	489 925 ///	760 075 ///
Dacca ...	00 00	997 262 252	...	...	135 792 999	...	302 088 999	...	...	...	...	...	...	...
Jiwani ...	00 00	989 262 238	...	...	138 272 999	...	308 158 999	...	844 518 999	759 612 999	974 755 ///	256 952 ///	443 062 ///	...
Karachi ...	00 00	992 292 248	...	...	140 198 999	...	301 082 998	...	670 571 999	739 668 999	953 895 ///	231 985 ///	415 125 ///	...
Lahore ...	00 00	965 333 245	...	...	134 278 218	...	304 175 098	...	582 090 999	759 595 999	976 705 ///	...	...	...
Multan ...	00 00	973 303 235	...	...	132 322 252	...	305 202 105	...	582 512 999	757 600 999	974 682 ///	...	...	...
Peshawar ...	00 00	949 305 218	...	...	134 295 235	...	303 292 132	...	853 028 999	760 572 999	979 788 999	...	...	...
Quetta ...	00 00	809 268 040	...	...	130 705 065	...	/// /// ///	...	587 022 999	764 568 999	984 692 ///	274 925 ///	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT TdT Td								Max Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 235 245	800 192 178	600 983 068	350 501 ///	250 701 ///	...	...	...	...	100 790 751	...	...
Dacca ...	00 00	900 237 ///	800 161 ///	...	...	...	...	...	...	...	302 086 999	...	...
Jiwani ...	00 00	900 287 ///	800 297 ///	600 077 ///	350 671 ///	/// /// ///	...	...	...	...	150 443 062	...	...
Karachi ...	00 00	900 281 ///	800 151 ///	600 001 ///	350 721 ///	250 871 ///	...	...	...	...	150 415 125	...	...
Lahore ...	00 00	900 302 235	800 245 165	600 100 215	505 650 999	250 760 999	...	...	...	...	250 760 999	...	...
Multan ...	00 00	900 322 245	800 302 208	600 095 ///	350 651 ///	250 721 ///	...	...	...	...	250 721 ///	...	...
Peshawar ...	00 00	900 322 252	800 265 215	210 /// ///	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	600 122 538	350 621 ///	250 781 ///	...	...	...	...	...	...	200 274 925	...	...

P P—Pressure in hundreds tens and units of millibars.

T1 T; TdTdTd; Dry Bulb; Dew Point temperatures (in tenths of °C.

St—Character of tropopause.

HHH,HHHH (heights)—Tens of geopotential metres.

FT—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 (date ff)						At 0600 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	5.4	5.4	6.0	7.2	0.9
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																										
Chaklala	No	Ascent								No	Ascent					No	Ascent									
Chhor	...	19 03	22 02	// //	29 10	32 15	36 10	...	...	...	14 09	13 13	12 07	04 01	22 07	...	16 08	13 06	08 03	13 06	...	31 25	33 16	...	...	...
Chittagong	22 26	21 25	20 22	...	...	...	...	...	...	22 31	22 32	...	...	...	...	...	21 92	31 53	...	...	...	...	...	...	...	...
Coal's Gate	No	Ascent		...	...	...	...	...	...	17 14	16 15	14 19	...	...	...	19 08	30 95	28 08	28 10	// //	...	...	...	...	...	...
Dacca	21 16	13 12	16 15	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin	19 13	20 21	21 25	...	...	...	...	...	...	25 17	26 22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	...	...	...	22 09	21 07	31 10	36 15	36 12	01 06	...	...	23 09	33 08	36 13	35 13	19 06	21 10	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	36 01	35 06	30 09	28 08	27 07	34 11	36 10	01 10	...
Fort Sandeman	...	...	...	...	02 06	01 11	33 10	36 25	02 31	...	...	...	...	05 08	01 09	...	...	...	...	...	...	...	...	...	...	...
Jacobabad	19 13	21 09	21 04	17 03	08 03	23 06	32 24	30 25	30 18	...	...	...	...	35 05	35 15	...	...	...	...	04 04	03 08	02 15	35 18	35 30	34 30	...
Jessore	20 23	21 22	23 23	28 03	32 03	34 04	34 07	35 07	36 09	12 12	19 09	25 11	30 10	31 17	32 2	...	...	...	35 05	35 15	34 23	33 23	...	...	...	...
Jhelum	4 05	19 07	19 08	25 23	25 25	26 29	24 30	...	...	...	...	...	...	...	...	09 08	04 10	33 18	33 23	35 20	35 15	35 12	33 12	32 11	32 19	33 12
Jiwani	19 12	23 11	25 12	26 05	30 12	34 11	31 13	30 23	30 25	14 05	14 10	16 09	28 07	30 16	32 27	20 25	22 25	26 29	29 29	28 25	...	...	...	...	...	...
Karachi	25 11	25 15	27 13	27 13	...	...	...	...	...	...	...	...	...	...	...	14 06	// //	15 08	17 08	...	...	...	...	...	...	...
Khanpur	23 08	22 08	32 08	25 04	29 06	// //	33 13	35 10	34 11	21 14	23 20	...	...	...	...	15 06	23 02	25 33	...	...	...	...	...	...	...	...
Lahore	24 08	24 09	24 06	24 10	26 12	...	...	...	...	14 07	22 12	23 14	26 16	...	...	35 22	25 38	25 31	...	...	...	...	...	...	...	...
Multan	20 04	21 08	20 09	21 07	20 04	31 09	33 20	32 25	30 29	19 19	21 19	23 24	27 23	...	...	21 17	21 15	22 13	...	...	...	...	...	...	...	...
Nawab Shah	21 19	23 18	22 16	30 12	33 15	34 12	27 13	09 11	25 11	28 15	25 18	29 19	30 14	31 09	...	30 05	22 04	23 07	...	...	...	...	...	...	...	...
Panjgur																21 10	09 09	06 02	02 07	...	...	...	...	...	...	...
Peshawar	...	16 10	17 15	16 21	25 11	27 13	28 21	35 21	01 22	...	01 09	04 07	35 09	29 09	33 19	22 14	27 14	30 17	31 17	31 12	30 07	33 04	31 08	32 09	// //	34 06
Samungli					33 06	23 08	34 12	30 10	30 12	...	...	...	...	...	...	...	06 10	35 13	31 20	31 25	32 23	33 19	36 04	06 13	35 27	31 29
Sargodha	20 05	22 05	23 05	28 09	31 14	34 21	36 20	...	...	10 09	09 07	21 06	25 06	27 07	33 11	20 05	20 03	23 05	24 07	17 02	34 12	// //	34 10	33 10	35 12	32 18
Sylhet	18 15	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Vravalo	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The exact time of observation may vary within six hours 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	10.8	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 45	27 33	28 30	28 33	30 06	34 14	02 14	09 08	10 09	07 07	...	...	...	...	...	...	...
Peshawar	...	...	34 04	35 03	33 04	33 05	33 06	31 08	30 10	30 10	...	...	...	...	...	...	...	...
Quetta	...																	

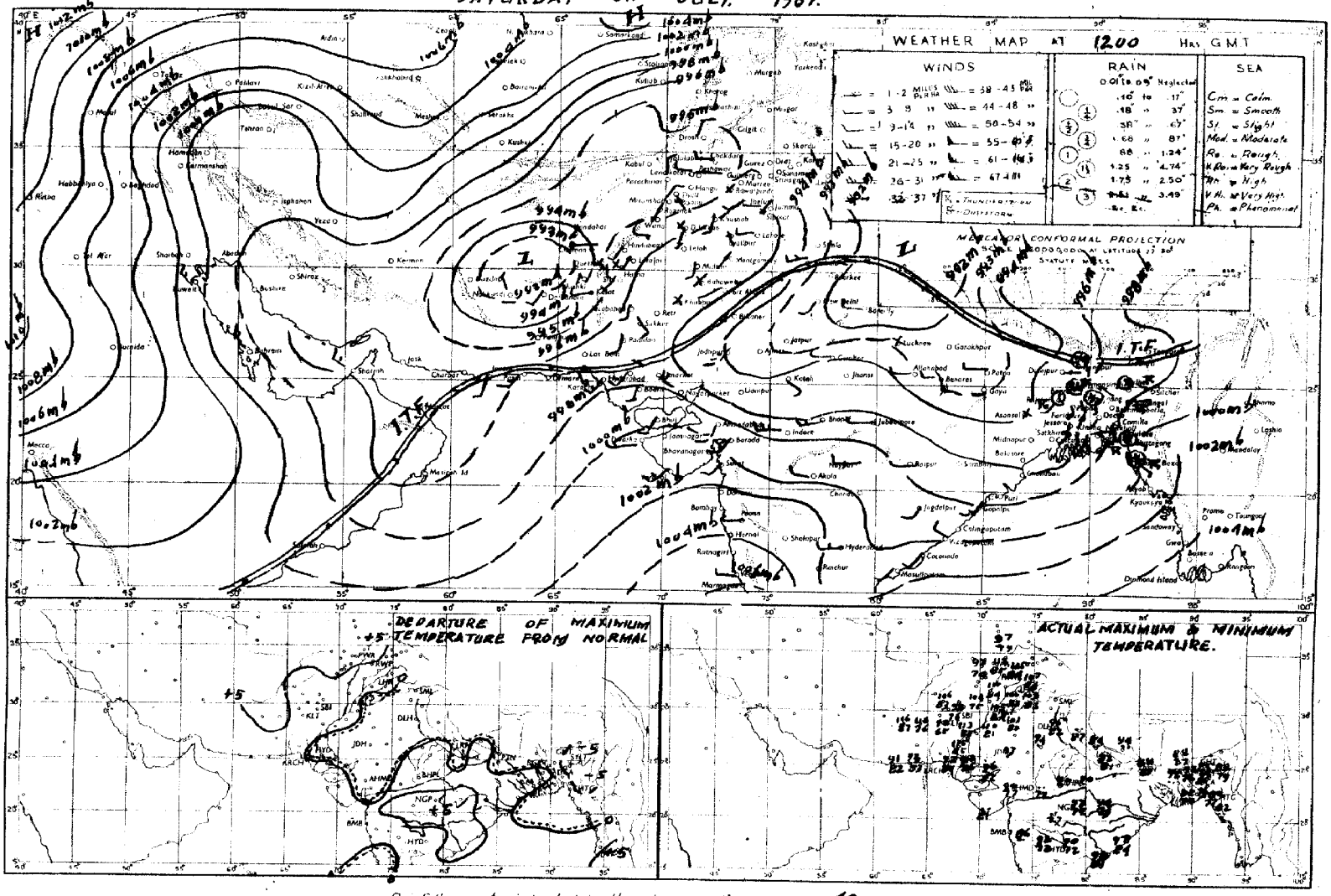
* The first two figures in each column give the wind direction in tens of degrees counting from North throughout. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "ff" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vvvv etc.)

The accuracy of individual weather report cannot be guaranteed. Corrections can be obtained if necessary on application to the Meteorological Weather Centre, Air Port KARACHI—5.

PAKISTAN DAILY WEATHER MAP

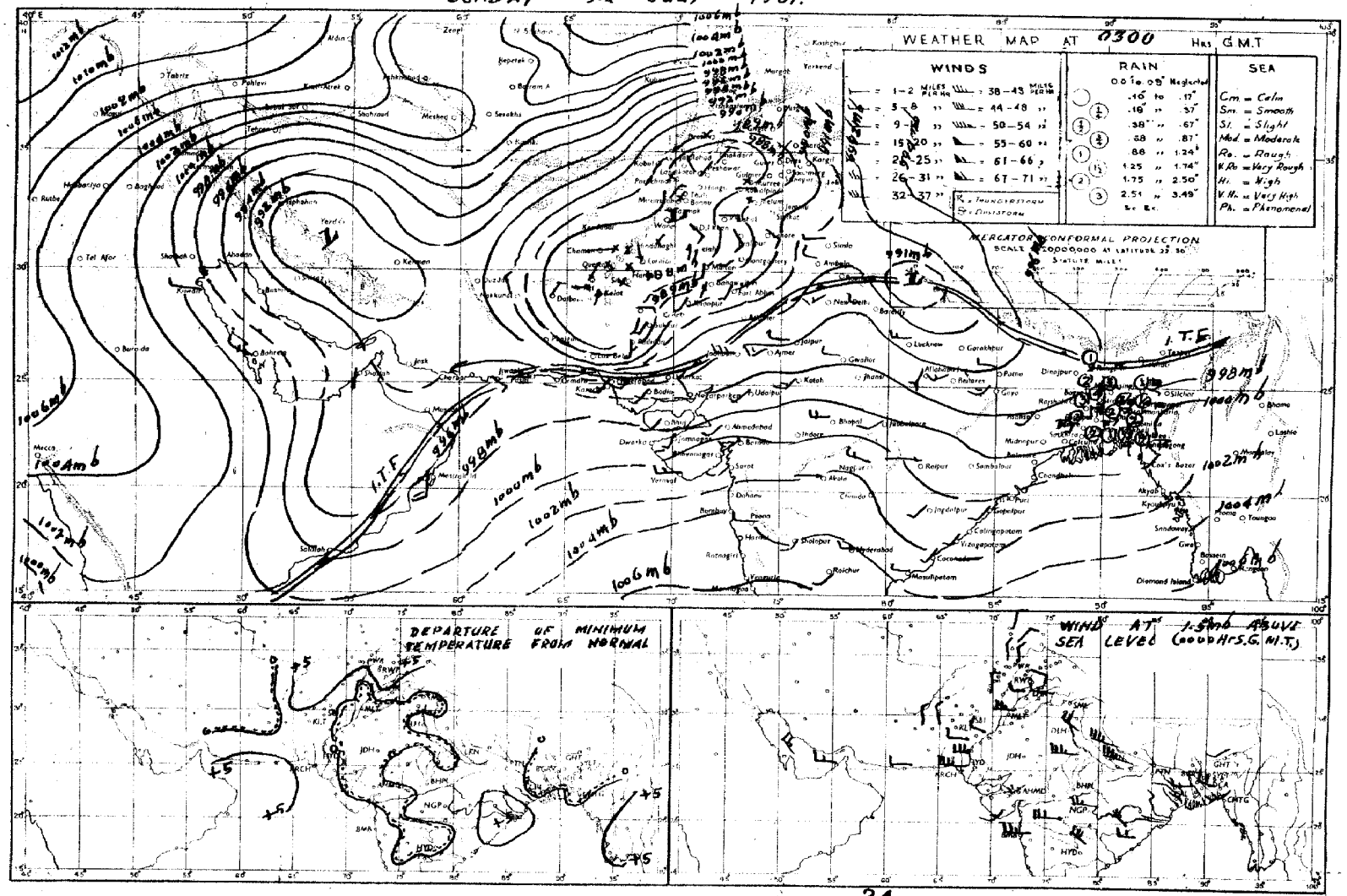
SATURDAY 8th JULY, 1967.



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

SUNDAY 9th JULY 1967.



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

Pgees 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

MONDAY THE 10th JULY, 1967.

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

A western disturbance is moving across Russian Turkistan north of Peshawar division.

The seasonal trough of low pressure extending from Kalat division to Sargodha division continues to be well marked. Under their combined influence scattered thunderstorm/showers have occured in Lahore, Rawalpindi, Peshawar and Bahawalpur divisions.

The axis of Monsoon trough runs along the foot of the Himalayas. The monsoon is active over East Pakistan and has caused local rain/thundershowers in Dacca division and widespread elsewhere in the province.

Chief amounts of rainfall are: Cox's Bazar 8". Maijdee Court 4", Chittagong and Dinajpur 3" each, Pabna 2" Barisal and Rangpur 1½" each, Rangamati 1", Satkhira and Bogra 3/4" each and Brehmanbaria, Dacca, Jessore, Murree and Kakul ½" each.

Day temperatures: These were 3—8°F (2—4°C) below normal in Rajshahi and Chittagong division and were to the same extent above normal in West Pakistan outside Lahore, Sargodha, Multan and Karachi divisions.

Forecast valid until the evening of 11th July, 1967:- Rain/thundershowers will be fairly widespread in East Pakistan and scattered in Peshawar division and in Kashmir. A few dust/thunderstorms may also occur in Rawalpindi, Lahore, Sargodha and Multan divisions and few falls of drizzle in Karachi divisions.

Karachi-11
The 10th July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meterological Services.

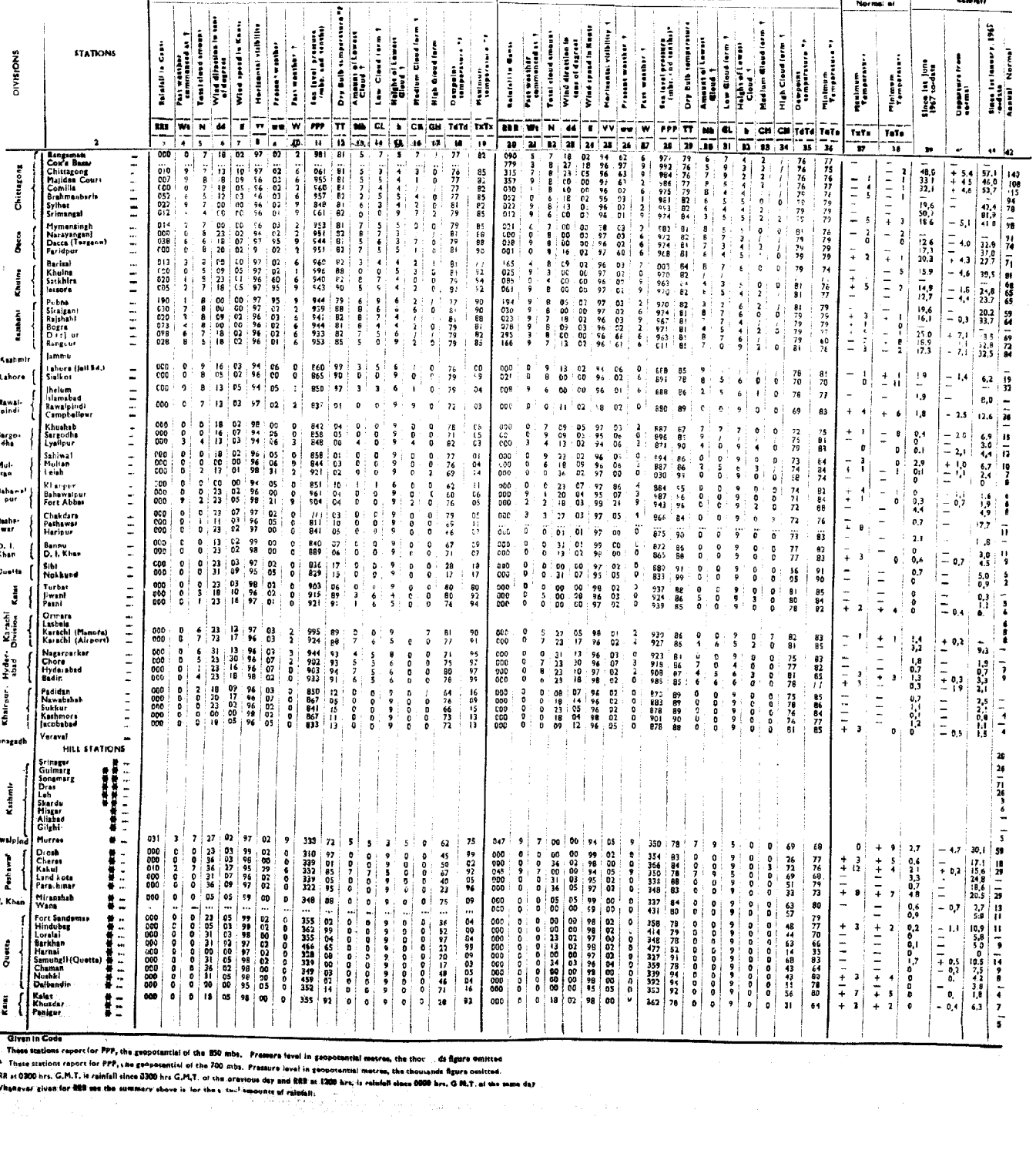
AT 1200 Hrs. G.M.T. of Previous day

DIVISIONS	STATIONS	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 *†	Maximum temperature *†
		RRR	Wa	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	000	0	7	18	02	97	02	2	981	81	5	7	5	7	1	77	82
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chittagong	010	9	7	13	10	97	02	6	061	81	5	3	4	3	0	76	85
	Majidee Court	007	9	8	18	09	96	02	6	955	81	5	5	4	1	0	77	82
	Comilla	000	0	7	18	05	96	02	2	960	81	7	4	4	1	1	77	82
	Brahmanbaria	052	6	5	12	03	96	03	6	957	82	2	5	5	4	0	77	85
	Sylhet	022	9	7	00	00	96	02	9	848	81	6	3	4	2	0	81	82
	Srimangal	012	[illegible]	4	00	00	96	01	9	061	82	0	0	9	7	2	79	85
Dacca	Mymensingh	014	2	7	00	00	96	03	2	953	81	7	5	5	0	0	79	85
	Narayanganj	000	0	8	23	02	96	02	2	951	82	8	7	3	1	1	81	88
	Dacca (Tangail)	038	6	6	18	07	97	95	9	944	81	5	6	3	7	0	79	88
	Faridpur	000	0	8	20	02	9	02	2	951	82	7	5	5	1	0	81	90
Khulna	Barisal	013	3	8	00	00	97	02	6	960	82	3	4	4	2	1	81	77
	Khulna	000	0	5	09	05	97	02	1	996	88	0	0	5	3	0	81	92
	Satkhira	020	1	5	23	01	96	60	6	940	82	8	7	4	0	0	79	94
	Jessore	005	2	7	18	05	97	95	9	943	90	5	5	4	2	0	81	92
Rajshahi	Pabna	190	1	8	00	00	97	95	9	944	79	6	9	6	2	1	77	90
	Sirajganj	030	7	8	00	00	97	02	2	959	88	8	6	6	6	0	81	90
	Rajshahi	020	3	8	09	02	96	03	6	941	82	8	7	4	1	1	81	88
	Bogra	033	4	8	00	00	96	02	6	944	81	8	4	4	2	0	79	81
	Dinajpur	098	6	7	18	02	96	02	6	933	82	7	5	6	1	1	79	82
	Rangpur	028	8	5	18	02	96	01	6	953	85	5	0	9	2	0	79	85
Kashmir	Jammu																	
Lahore	Lahore (Jail Sd.)	000	0	9	16	03	94	06	0	860	99	3	5	6	1	0	76	00
	Sialkot	000	0	8	05	02	96	00	0	865	90	0	0	9	0	0	79	89
Rawalpindi	Jhelum	000	0	8	13	05	94	05	1	850	97	3	3	6	1	0	79	04
	Islamabad																	
	Rawalpindi	000	0	7	13	03	97	02	2	837	01	0	0	9	9	0	72	03
	Campbellpur																	
Sargodha	Khushab	000	0	0	18	02	98	00	0	842	04	0	0	9	0	0	78	05
	Sargodha	000	0	0	16	07	94	06	0	858	05	0	0	9	0	0	71	05
	Lyallpur	000	3	4	13	03	94	06	3	848	00	4	0	9	4	0	82	03
Multan	Sahiwal	000	0	0	18	02	96	05	0	858	01	0	0	9	0	0	77	01
	Multan	000	0	0	00	00	96	06	9	844	03	0	0	9	0	0	76	04
	Leiah	000	0	2	13	01	98	31	2	921	02	9	0	9	0	2	69	14
Bahawalpur	Khanpur	000	0	0	00	00	94	05	0	851	10	1	1	6	0	0	62	11
	Bahawalpur	000	0	0	23	02	96	00	0	961	04	0	0	9	0	0	60	06
	Fort Abbas	000	9	2	23	05	98	21	9	904	04	0	0	9	2	0	76	05
Peshawar	Chakdara	000	0	0	23	07	97	02	0	111	03	0	0	9	0	0	79	05
	Peshawar	000	0	1	11	03	96	05	0	811	10	0	0	9	0	0	69	11
	Haripur	000	0	0	23	02	97	00	0	841	05	0	0	9	0	0	66	07
D. I. Khan	Bannu	000	0	0	13	02	99	00	0	840	07	0	0	9	0	0	67	09
	D. I. Khan	000	0	0	23	02	98	00	0	889	06	0	0	9	0	0	71	07
Quetta	Sibi	000	0	0	23	03	97	02	0	836	17	0	0	9	0	0	28	18
	Nokkund	000	0	0	31	09	95	05	0	829	15	0	0	9	0	0	17	17
Kalat	Turbat	000	0	0	23	03	98	02	0	903	06	0	0	9	0	0	80	80
	Jiwani	000	0	5	18	10	96	02	0	915	89	3	6	4	0	0	80	92
	Pasni	000	0	1	23	16	97	01	0	921	91	1	6	5	0	0	76	94
Karachi Division	Ormara																	
	Lasbela																	
	Karachi (Manora)	000	0	6	23	12	97	03	2	995	89	0	0	9		7	81	90
	Karachi (Airport)	000	0	7	23	17	96	03	2	924	88	7	6	5	0	0	77	91
Hyderabad	Nagarparkar	000	0	6	31	13	96	03	3	944	93	4	5	8	0	0	71	95
	Chore	000	0	5	23	30	96	07	2	992	93	5	5	6	0	0	75	97
	Hyderabad	000	0	1	23	16	96	07	0	903	94	7	5	6	0	0	80	97
	Badin	000	0	4	23	18	98	02	0	933	91	6	5	6	0	0	78	99
Khairpur	Padidan	000	0	2	18	09	96	03	0	850	12	0	0	9	0	1	64	16
	Nawabshah	000	0	0	20	17	96	07	0	867	05	0	0	9	0	0	76	09
	Sukkur	000	0	0	23	02	96	02	0	841	15	0	0	9	0	0	66	15
	Kashmore	000	0	0	00	00	98	02	0	867	11	0	0	9	0	0	73	13
	Jacobabad	000	0	0	18	05	96	05	0	833	13	0	0	9	0	0	72	13
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilghi																	
Rawalpindi	Murree	031	3	7	27	02	97	02	9	333	72	5	5	3	5	0	62	75
Peshawar	Drosh	000	0	0	23	03	99	02	0	310	97	0	0	9	0	0	45	99
	Cheras	000	0	0	36	03	98	00	0	339	01	0	0	9	0	0	50	02
	Kakul	010	2	7	36	27	95	29	6	332	85	7	7	5	0	0	67	92
	Land kota	000	0	0	31	07	96	02	0	339	05	0	0	9	0	0	40	05
	Parachinar	000	0	0	36	09	97	02	0	322	95	0	0	9	0	0	23	96
D.I. Khan	Miranshah	000	0	0	05	05	99	00	0	348	88	0	0	9	0	0	75	09
	Wana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman	000	0	0	23	05	99	02	0	355	02	0	0	9	0	0	36	04
	Hindubag	000	0	0	05	03	98	02	0	362	99	0	0	9	0	0	52	00
	Loralai	000	0	0	31	03	98	00	0	355	04	0	0	9	0	0	97	04
	Barkhan	000	0	0	31	02	97	02	0	466	65	0	0	9	0	0	22	99
	Harnai	000	0	0	00	00	97	02	0	328	08	0	0	9	0	0	70	09
	Samungli (Quetta)	000	0	0	31	05	98	02	0	329	00	0	0	9	0	0	17	03
	Chaman	000	0	0	36	02	98	00	0	349	03	0	0	9	0	0	48	05
	Nushki	000	0	0	31	05	98	00	0	459	02	0	0	9	0	0	46	04
	Dalbandin	000	0	0	00	00	95	05	0	352	14	0	0	9	0	0	71	16
Kalat	Kalat	000	0	0	18	05	98	00	0	355	92	0	0	9	0	0	28	93
	Khuzdar																	
	Panjgur																	

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

DIVISIONS	STATIONS	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 *†	Minimum Temperature *†
		RRR	Wa	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn
	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Chittagong	Rangamati	090	5	7	18	02	94	02	6	977	79	6	7	4	2	1	76	77
	Cox's Bazar	779	3	8	27	18	96	97	9	992	76	5	9	3	2	1	76	75
	Chittagong	315	7	8	23	05	96	63	9	984	76	7	9	2	2	1	76	76
	Majidee Court	357	9	8	00	00	95	61	2	986	77	8	5	4	2	1	76	77
	Comilla	030	1	8	00	00	96	02	6	975	79	8	4	4	1	1	79	78
	Brahmanbaria	052	0	6	18	02	96	03	1	981	82	6	5	5	0	0	79	79
	Sylhet	022	9	8	13	01	96	02	2	993	82	6	4	4	2	1	79	79
	Srimangal	012	9	6	00	00	96	01	9	974	84	3	5	5	2	2	79	79
Dacca	Mymensingh	021	6	7	00	00	98	03	2	982	81	8	5	5	0	0	81	76
	Narayanganj	000	0	8	00	00	97	03	6	972	82	8	7	3	1	1	79	79
	Dacca (Tangail)	038	9	8	00	00	96	02	6	974	81	7	3	4	2	1	79	79
	Faridpur	001	0	9	16	02	97	60	6	968	81	6	4	5	1	0	79	79
Khulna	Barisal	165	4	8	09	02	96	03	7	003	84	8	7	6	0	0	79	74
	Khulna	025	9	3	00	00	97	02	0	970	82	1	1	1	1	1	1	1
	Satkhira	085	0	4	00	00	96	05	9	963	84	4	3	5	0	0	81	76
	Jessore	061	9	8	00	00	97	02	9	970	82	8	5	4	2	1	81	77
Rajshahi	Pabna	194	9	8	05	02	97	03	2	970	82	3	2	6	2	1	81	79
	Sirajganj	030	9	8	00	00	97	02	6	974	81	8	7	6	0	0	79	79
	Rajshahi	023	9	7	18	02	96	03	9	967	81	7	7	4	1	1	79	79
	Bogra	078	9	8	09	03	96	02	2	971	81	4	5	4	2	0	79	77
	Dinajpur	295	3	8	00	00	96	66	6	963	81	8	7	6	1	1	79	60
	Rangpur	166	9	7	13	02	96	61	6	011	81	7	0	9	2	0	81	76
Kashmir	Jammu																	
Lahore	Lahore (Jail Sd.)	000	0	9	13	02	94	06	0	888	85	9	1	1	1	1	78	81
	Sialkot	021	0	8	00	00	96	02	6	891	78	8	5	6	0	0	70	70
Rawalpindi	Jhelum	008	9	6	00	00	96	01	6	888	86	2	5	6	1	0	78	77
	Islamabad																	
	Rawalpindi	000	0	0	11	02	98	02	0	880	89	0	0	9	0	0	69	83
	Campbellpur																	
Sargodha	Khushab	000	0	7	09	05	97	03	2	887	87	7	7	7	0	0	72	75
	Sargodha	00	0	9	09	05	95	06	0	896	85	9	7	7	1	1	75	81
	Lyallpur	000	3	4	13	02	94	06	3	871	90	4	0	9	4	0	79	83
Multan	Sahiwal	000	0	9	23	02	96	05	0	894	86	0	0	9	0	0	73	84
	Multan	000	0	6	18	09	96	06	2	887	86	2	5	6	3	1	74	84
	Leiah	000	0	0	36	02	97	00	0	030	93	0	0	9	0	0	58	74
Bahawalpur	Khanpur	000	0	0	23	07	97	86	4	884	95	0	0	9	0	0	74	82
	Bahawalpur	000	9	1	20	04	95	07	3	987	96	0	0	9	0	0	71	84
	Fort Abbas	000	2	2	18	03	99	21	9	943	96	0	0	9	2	0	72	88
Peshawar	Chakdara	000	3	3	27	03	97	05	1	966	84	0	0	9	0	3	72	76
	Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Haripur	000	0	0	01	01	97	00	0	875	90	0	0	9	0	0	73	83
D. I. Khan	Bannu	000	0	0	31	01	99	00	0	872	86	0	0	9	0	0	77	82
	D. I. Khan	000	0	0	13	02	98	00	0	865	88	0	0	9	0	0	77	83
Quetta	Sibi	000	0	0	00	00	97	02	0	880	91	0	0	9	0	0	56	91
	Nokkund	000	0	0	31	07	95	05	0	833	99	0	0	9	0	0	05	90
Kalat	Turbat	000	0	0	00	00	98	02	0	937	82	0	0	9	0	0	81	85
	Jiwani	000	0	5	00	00	96	03	0	924	86	5	0	9	3	0	80	84
	Pasni	000	0	0	00	00	97	02	0	939	85	0	0	9	0	0	78	82
Karachi Division	Ormara																	
	Lasbela																	
	Karachi (Manora)	000	0	5	27	05	98	01	2	939	86	0	0	9	0	7	82	83
	Karachi (Airport)	000	0	7	23	17	96	02	2	927	86	4	6	5	2	0	81	85
Hyderabad	Nagarparkar	000	0	0	31	13	96	03	0	923	81	0	0	9	0	0	75	83
	Chore	000	0	7	23	30	96	07	3	918	86	7	0	4	0	0	77	82
	Hyderabad	000	0	8	23	10	97	02	2	908	87	4	5	6	3	0	81	85
	Badin	000	0	6	23	18	98	02	0	985	85	6	6	6	0	0	78	77
Khairpur	Padidan	000	0	0	08	07	96	02	0	875	89	0	0	9	0	0	75	85
	Nawabshah	000	0	0	18	14	96	02	0	883	89	0	0	9	0	0	78	86
	Sukkur	000	0	0	23	05	96	02	0	878	89	0	0	9	0	0	76	84
	Kashmore	000	0	0	18	04	98	02	0	901	90	0	0	9	0	0	76	77
	Jacobabad	000	0	0	09	12	96	05	0	878	88	0	0	9	0	0	81	85
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilghi																	
Rawalpindi	Murree	047	9	7	00	00	94	05	9	350	78	7	9	5	0	0	69	68
Peshawar	Drosh	000	0	0	00	00	99	02	0	354	83	0	0	9	0	0	26	77
	Cheras	000	0	0	36	02	98	00	0	366	84	0	0	9	0	3	72	76
	Kakul	045	9	7	00	00	94	05	9	350	78	7	9	5	0	0	69	68
	Land kota	000	0	0	31	03	95	02	0	338	88	0	0	9	0	0	51	79
	Parachinar	000	0	0	36	05	97	02	0	348	83	0	0	9	0	0	33	73
D.I. Khan	Miranshah	000	0	0	05	05	99	00	0	337	84	0	0	9	0	0	63	80
	Wana	000	0	0	00	00	99	00	0	431	80	0	0	9	0	0	57	79
Quetta	Fort Sandeman	000	0	0	00	00	98	02	0	358	78	0	0	9	0	0	48	77
	Hindubag	000	0	0	00	00	98	02	0	414	79	0	0	9	0	0	44	70
	Loralai	000	0	0	23	02	97	00	0	348	78	0	0	9	0	0	63	66
	Barkhan	000	0	0	13	02	98	02	0	477	52	0	0	9	0	0	14	35
	Harnai	000	0	0	00	00	97	02	0	327	91	0	0	9	0	0	68	83
	Samungli (Quetta)	000	0	0	34	03	96	04	0	359	78	0	0	9	0	0	43	64
	Chaman	000	0	0	00	00	98	00	0	339	94	0	0	9	0	0	43	80
	Nushki	000	0	0	00	00	98	00	0	392	94	0	0	9	0	0	51	78
	Dalbandin	000	0	0	00	00	95	05	0	353	92	0	0	9	0	0	56	80
Kalat	Kalat	000	0	0	18	02	98	00	0	362	78	0	0	9	0	0	31	64
	Khuzdar																	
	Panjgur																	

DIVISIONS	STATIONS	Departure from Normal of: Maximum Temperature	Minimum Temperature	Rainfall: Since 1st June 1967 to date	Departure from normal	Since 1st January 1967 to date	Annual Normal
		TxTx	TnTn				
		37	38	39	40	41	42
Chittagong	Rangamati	—	—	—	—	—	—
	Cox's Bazar	—	—	48,0	+ 5,4	57,1	140
	Chittagong	—	—	33,1	+ 4,5	46,0	108
	Majidee Court	—	—	32,1	+ 4,6	53,7	115
	Comilla	—	—	—	—	—	94
	Brahmanbaria	—	—	19,6	—	42,4	78
	Sylhet	—	—	50,7	—	81,9	—
	Srimangal	—	—	18,6	— 5,1	41,8	98
Dacca	Mymensingh	—	—	—	—	—	—
	Narayanganj	—	—	12,6	— 4,0	32,9	91
	Dacca (Tangail)	—	—	17,3	—	37,0	74
	Faridpur	—	—	20,3	+ 4,3	27,7	—
Khulna	Barisal	—	—	15,9	— 4,6	39,5	71
	Khulna	—	—	—	—	—	81
	Satkhira	—	—	14,9	— 1,6	24,8	68
	Jessore	—	—	12,7	— 4,4	23,7	65
Rajshahi	Pabna	—	—	19,6	—	20,2	59
	Sirajganj	—	—	16,1	— 0,3	33,7	64
	Rajshahi	—	—	—	—	—	—
	Bogra	—	—	25,0	+ 7,1	38,5	69
	Dinajpur	—	—	16,9	— 1,1	32,8	72
	Rangpur	—	—	17,3	— 7,1	32,5	84
Kashmir	Jammu						
Lahore	Lahore (Jail Sd.)	—	—	1,9	— 1,4	6,2	19
	Sialkot	—	—	—	—	—	32
Rawalpindi	Jhelum	—	—	1,9	—	8,0	—
	Islamabad						—
	Rawalpindi	—	—	1,8	— 2,5	12,6	26
	Campbellpur						—
Sargodha	Khushab	—	—	0,4	— 2,0	6,9	18
	Sargodha	—	—	0,1	—	3,0	—
	Lyallpur	—	—	0,1	— 2,1	4,4	12
Multan	Sahiwal	—	—	2,9	+ 1,0	6,7	10
	Multan	—	—	0,1	— 1,1	2,4	7
	Leiah	—	—	0	—	0	8
Bahawalpur	Khanpur	—	—	0	— 1,1	1,6	6
	Bahawalpur	—	—	0,3	— 0,7	1,9	8
	Fort Abbas	—	—	4,4	—	4,9	8
Peshawar	Chakdara	—	—	0,7	—	17,7	—
	Peshawar	—	—	2,1	—	1,8	11
	Haripur	—	—	0	—	3,0	11
D. I. Khan	Bannu	—	—	0,6	— 0,7	4,5	9
	D. I. Khan	—	—	0,7	—	5,0	5
Quetta	Sibi	—	—	0	—	0,9	2
	Nokkund	—	—	0	—	0,3	—
Kalat	Turbat	—	—	0	—	1,1	5
	Jiwani	—	—	0	— 0,4	0	6
	Pasni	—	—	0	—	0	6
Karachi Division	Ormara	—	—	1,4	+ 0,2	—	8
	Lasbela	—	—	3,2	—	9,3	—
	Karachi (Manora)	—	—	1,8	—	1,9	—
	Karachi (Airport)	—	—	0,7	—	0,7	7
Hyderabad	Nagarparkar	—	—	1,3	+ 0,3	3,3	9
	Chore	—	—	0,3	— 1,9	2,1	—
	Hyderabad	—	—	0,7	—	2,5	—
	Badin	—	—	1,1	—	2,1	—
Khairpur	Padidan	—	—	0,1	—	0,8	4
	Nawabshah	—	—	1,2	—	1,1	—
	Sukkur	—	—	0	— 0,5	1,5	4
	Kashmore	—	—				
	Jacobabad	—	—				
Junagadh	Veraval						
	HILL STATIONS						
Kashmir	Srinagar						20
	Gulmarg						26
	Sonamarg						71
	Dras						26
	Leh						3
	Skardu						6
	Misgar						—
	Aliabad						—
	Gilghi						5
Rawalpindi	Murree	—	—	2,7	— 4,7	30,1	59
Peshawar	Drosh	—	—	0,6	—	17,1	18
	Cheras	—	—	2,1	+ 0,2	15,6	29
	Kakul	—	—	3,3	—	24,8	—
	Land kota	—	—	0,7	—	18,6	—
	Parachinar	—	—	4,8	—	20,5	29
D.I. Khan	Miranshah	—	—	0,6	— 0,7	2,7	13
	Wana	—	—	0,9	—	5,8	11
Quetta	Fort Sandeman	—	—	0,2	— 1,1	10,9	11
	Hindubag	—	—	0	—	5,8	—
	Loralai	—	—	0,1	—	5,0	9
	Barkhan	—	—	0	—	0	—
	Harnai	—	—	1,7	+ 0,5	10,5	14
	Samungli (Quetta)	—	—	0	— 0,2	7,5	9
	Chaman	—	—	0	—	4,2	8
	Nushki	—	—	0	—	3,8	—
	Dalbandin	—	—	0	—	1,8	4
Kalat	Kalat	—	—	0	— 0,4	6,3	7
	Khuzdar						—
	Panjgur						5



† 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. is rainfall since 0000 hrs. G.M.T. of the same day

Whenever given for RRR see the summary above is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 10th JULY, 1967.

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.V. a PP	8 $N_sC_hh_sh_s$	O, T T, T_dT	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Holland	13 235	589 06	0 15 02	97 02 0	945 12	00 9 00	/ / / /	/ / / /	05 2 29	11 2 50
Sirdhana	13 244	643 08	6 23 18	98 01 2	956 19	43 4 07	/ / / /	/ / / /	05 2 27	12 3 22
Ismoeria	13 232	602 06	2 18 12	98 02 0	934 32	00 9 04	35 6 04	/ / / /	05 2 30	11 8 22
Sirdhana	13 243	614 18	1 23 18	97 01 1	921 31	11 5 00	64 2 10	/ / / /	05 1 28	12 3 22
Holland	12 225	599 18	0 20 18	98 02 0	135 28	00 9 00	/ / / /	/ / / /	00 2 24	12 0 65

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isoboric Levels: Surface PPPTTTdTdTd	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 TdTdTd								HHH TTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	MISDA												
Dacca ...	00 00	995 275 262	...	...	138 218 999	...	304 128 999	...	580 538 999	751 638 999	965 748	247 955	335 085	760 252
Jiwani ...	00 00	998 352 268	...	...	138 305 999	...	307 188 999	...	585 545 999	758 615 999	972 765	253 932	440 045	...
Karachi ...	00 00	990 292 258	...	...	136 162 162	...	299 165 165	...	572 582 999	743 638 999	954 780	233 980	417 125	658 305
Lahore ...	00 00	964 325 222	...	...	135 265 175	...	303 182 095	...	582 010 999	758 598 999	975 775	...	...	...
Multan ...	00 00	973 015 812	...	...	140 328 183	...	316 272 108	...	601 045 999	782 015 999	012 575	318 740	318 790	835 955
Peshawar ...	00 00	949 320 410	...	...	135 305 215	...	304 242 999	...	568 052 999	765 538 999	987 662	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TTT TdT Td	Max Height Reached PPPTTT TdTdTd	TROPOPAUSE St HHHHTT	St. HHHHTT
16	17	18 19 20 21 22 23 24 25 26	27	28	29
Bogra ...					
Chittagong ...	00 00	MISDA			
Dacca ...	00 00	900 240 /// 800 190 /// 600 050 /// 350 690 /// 250 850 ///	100 251 ///	...	...
Jiwani ...	00 00	900 303 /// 800 300 /// 600 070 /// 350 690 /// 250 860 ///	150 045 ///	...	...
Karachi ...	00 00	900 192 168 800 242 232 600 055 055 350 740 /// 250 890 ///	100 305 ///	...	...
Lahore ...	00 00	909 288 202 800 235 145 600 112 055 350 655 999 218 795 999	250 795 999	...	...
Multan ...	00 00	900 335 255 800 312 158 600 175 022 350 000 /// 250 650 ///	100 855 ///	...	...
Peshawar ...	00 00	900 322 258 800 276 238 600 140 /// 350 100 /// 250 750 ///	250 750 ///	...	...
Quetta ...					

P, P—Pressure in hundreds tens and units of millibars.

TT, 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 gp. 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 (date ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 G.M.T. of date (dd ff): 0.3	0.6	0.9	1.8	2.1	3.0	5.4	5.4	6.0	7.	0.9
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	09 10	14 03	27 06	29 13	29 21	28 24	...	...	...	29 06	29 13	27 17	...	...	...	12 02	33 10	33 13	32 15	29 17	28 17	...	...	...	...	...
Chaklala	...	13 09	16 09	17 02	03 09	35 30	30 25	...	...	...	12 10	12 16	14 06	28 07	...	...	...	...	...	...	...	...	...	...	...	...
Chhor	22 22	22 25	23 26	...	...	...	...	...	...	21 22	22 14	...	...	...	...	23 24	24 28	25 32	...	...	...	...	...	...	...	...
Chittagong	18 12	22 11	23 09	...	...	...	...	...	...	No Ascent	...	...	...	...	...	23 07	23 09	...	...	// //	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	No Ascent	...	...	...	...	...	18 09	26 09	32 18	29 12	...	...	...	...	...	...	...
Dacca	16 13	18 09	20 09	30 08	...	...	...	...	...	24 08	28 12	29 15	27 10	...	...	No Ascent	...	...	...	...	...	...	...	...	...	...
Dalbandin	...	...	25 03	29 07	31 09	02 08	01 13	35 15	31 14	...	...	11 03	26 07	34 18	04 05	...	...	...	04 03	33 02	30 05	30 03	17 03	07 07	13 06	...
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	02 06	30 08	33 27	31 31	31 33	...	...	...	05 37	03 12	36 13	...	...	...	...	01 06	01 13	33 17	33 22	33 36	33 37	...
Fort Sandeman	...	...	...	34 04	31 04	30 05	34 18	33 29	33 37	...	...	...	30 02	01 11	36 23	...	...	...	32 02	33 05	01 08	34 20	34 30	34 25	32 17	01 19
Jacobabad	21 06	19 06	19 07	18 06	07 02	29 06	34 21	32 25	31 31	12 19	17 13	24 13	27 06	29 05	27 10	13 01	11 10	02 12	03 15	34 18	35 19	35 08	34 11	35 10	35 17	02 28
Jessore	22 07	24 07	29 04	35 24	27 10	30 15	...	...	...	29 17	30 23	29 25	31 25	...	...	35 03	34 10	34 13	...	...	...	...	...	...	...	...
Jhelum	13 10	13 08	14 11	15 10	...	...	...	...	...	02 06	10 11	16 06	24 02	32 05	22 07	16 07	16 12	14 15	11 23	...	...	...	...	...	...	...
Jiwani	19 08	26 10	26 14	29 16	29 15	28 09	02 12	02 21	01 16	...	...	...	...	...	...	18 05	29 09	29 14	29 18	29 18	...	...	...	...	...	...
Karachi	24 25	24 29	26 31	...	...	...	...	...	...	...	...	...	...	...	...	25 24	26 24	...	...	...	...	...	...	...	...	...
Khanpur	22 10	20 16	23 07	24 06	...	...	...	...	...	31 18	32 21	23 22	...	...	...	22 13	22 14	22 13	26 14	...	...	...	...	...	...	...
Lahore	16 07	18 08	18 08	...	...	...	...	...	...	07 14	15 09	21 13	...	...	...	22 04	23 10	23 12	...	...	...	...	...	...	...	...
Multan	12 01	14 04	14 05	10 06	04 06	32 11	33 17	32 24	...	21 09	20 14	21 20	...	...	...	20 07	19 09	20 12	13 17	12 11	09 05	27 07	29 07	...	...	...
Nawab Shah	21 19	23 16	23 16	30 12	33 15	34 12	27 13	01 13	05 11	20 25	23 14	28 19	29 17	29 09	36 13	21 14	25 11	31 11	33 12	34 20	34 14	34 07	35 50	36 10	04 12	05 17
Pangur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	07 07	16 09	20 08	28 11	30 15	31 14	35 16	36 13	...	34 10	35 08	32 10	29 23	29 09	...	04 04	04 06	31 10	00 18	34 16	33 13	...	...	...	...
Sanangh	...	...	...	...	29 05	31 06	33 12	31 18	31 27	...	...	...	...	...	...	...	...	...	...	34 05	34 06	33 03	32 18	32 21	31 26	31 25
Sargodha	...	...	...	...	...	...	...	...	...	07 09	08 10	08 12	12 17	19 31	25 34	16 03	15 02	19 01	21 01	...	...	...	...	...	...	...
Sylhet	21 10	23 17	23 19	...	...	...	...	...	...	19 08	20 15	14 13	...	...	...	13 03	14 06	...	...	...	...	...	...	...	...	...
Vravale	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The exact time of observation 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	10.8	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 31	25 31	27 33	27 33	31 31	32 31	01 12	01 12	04 15	32 12	08 17	08 11	08 31	07 16	08 25			
Peshawar ...	...	34 06	20 04	32 02	36 09	32 07	29 13	27 15	27 17	25 25	22 54	23 34	...	...	...	...	...	...
Quetta ...																		

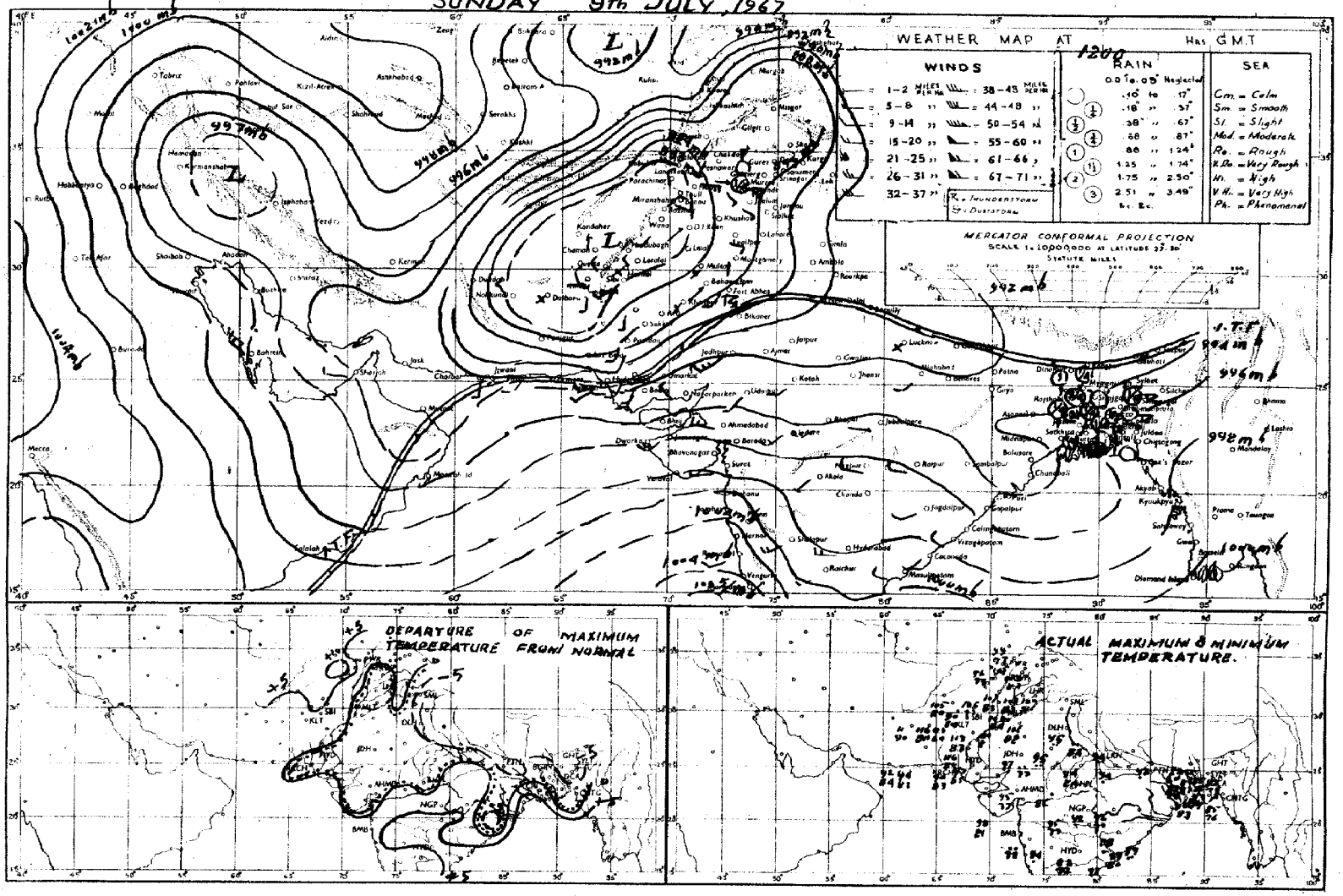
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North throughout East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr etc.)

The services of individual meteorologists cannot be guaranteed. Corrections can be obtained if necessary on application to the Meteorologist, Weather Central, Air Port, KARACHI—9

PAKISTAN DAILY WEATHER MAP

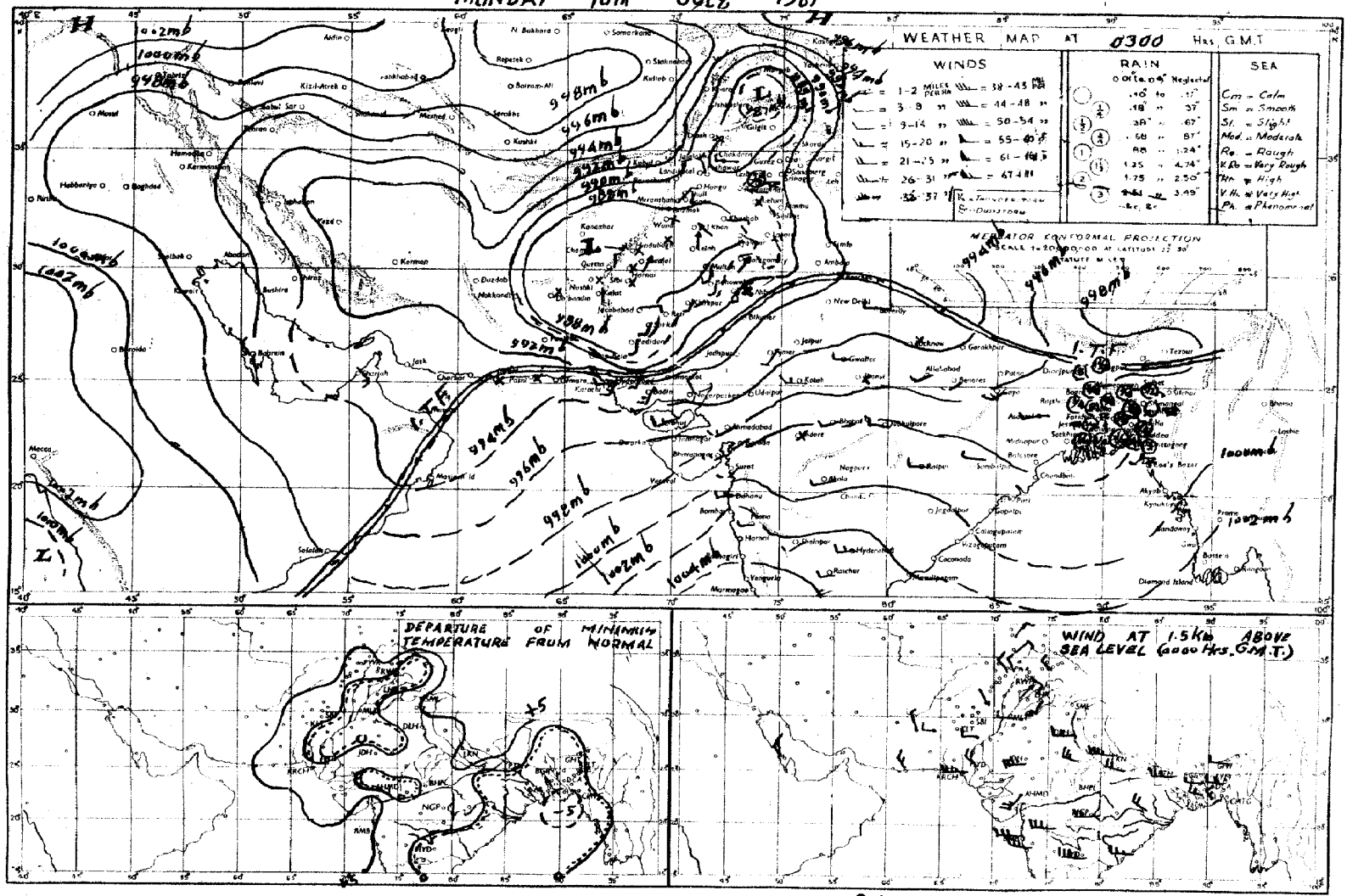
SUNDAY 9th JULY, 1967



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

MONDAY 10th JULY 1967



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

Pgees 1—2 Rs. 3/-
Pages 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

TUESDAY THE 11th JULY, 1967.

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

Yesterday's western disturbance is moving away across the north of Kashmir.

Seasonal trough of low pressure extending from Kalat division to Sargodha division continues to be well marked.

Axis of Monsoon trough is shifting southwards and is causing incorsion of monsoon into the northeastern division of west Pakistan. Under their influence scattered rain/thundershowers have occured in Lahore, Rawalpindi and Peshawar divisions.

Monsoon is active over East Pakistan and has caused widespread rain/thndershowers in Chittagong division, fairly widespread in Dacca division, scattered in Khulna division. A few falls of light rain have also been reported from Rajshahi division.

Chief amounts of rainfall are: Cox's Bazar and Narayangong 4" each, Rangamati and Comilla 2" each, Sialkot 1½", Brahmanbaria and Srin angal (upto 0000 G.M.T.) 1" each, Chittagong, Sylhet (upto 1200 G.M.T.) and Barisal 3/4" each, Maijdee Court and Kakul ¼" each.

Day temperatures: These were 3—6°F (2—3°C) below normal in East Pakistan and in Multan, Karachi, Hyderabad and Khairpur divisions and were 3—9°F (2—5°C) above normal in Peshawar, Quetta and Kalat divisions.

Forecast valid until the evening of 12th July, 1967:- Fairly widespread rain/thundershowers are likely to occur in East Pakistan, local in Kashmir, Rawalpindi and Lahore divisions and scattered in Peshawar division. A few dust/thunderstorms may also occur in Sargodha, Multan, Hyderabad and Khairpur divisions.

Karachi-11
The 11th July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meterological Services.

DIVISIONS	STATIONS	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 °F	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	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 1967 to-date	Departure from normal	Since 1st January 1967 to-date	Annual Normal
		RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
		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	Rangamati	225	5	7	18	02	96	02	6	979	99	6	7	5	1	/	79	82	225	0	7	18	02	98	03	2	014	86	6	7	5	1	/	79	79	—	—	52,1	+ 8,3	61,1	149
	Cox's Bazar	248	9	7	18	10	98	01	9	964	81	3	4	4	7	0	77	81	413	9	8	16	05	96	95	9	008	86	8	9	3	2	/	76	76	— 5	— 1	—	—	—	—
	Chittagong	074	9	7	16	04	97	02	6	970	81	5	3	4	4	0	79	81	074	0	7	16	09	97	02	2	036	82	3	8	5	4	0	79	79	— 5	+ 2	33,9	+ 4,5	46,7	108
	Majidee Court	060	6	6	18	03	96	03	6	952	81	5	3	3	3	0	77	82	060	9	4	00	00	99	04	6	996	84	1	2	5	3	0	79	77	— 4	— 1	32,7	+ 4,7	54,3	115
	Comilla	180	6	6	00	00	96	02	6	954	82	6	4	5	0	0	68	88	180	9	4	00	00	96	02	1	998	84	4	4	5	0	0	79	84	— 5	+ 8	—	—	—	94
	Brahmanbaria	116	8	6	18	02	96	01	6	963	82	4	5	5	0	7	79	82	115	0	7	13	03	97	03	1	002	84	3	5	5	2	0	79	81	— 3	—	28,7	—	43,5	78
	Sylhet	025	6	6	27	02	96	01	6	946	83	4	3	4	3	1	77	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Srimangal	000	6	7	00	00	96	01	9	960	82	4	5	5	2	2	79	89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	— 2	—	—	—	98
Dacca	Mymensingh	000	0	5	00	00	96	02	2	954	85	5	5	6	0	0	81	86	000	0	5	13	02	96	02	2	001	86	5	5	6	0	0	79	81	+ 1	+ 3	—	—	—	91
	Narayanganj	341	7	6	23	02	96	02	6	963	84	8	7	4	7	/	79	82	369	6	8	13	02	97	02	2	996	84	4	7	4	3	1	81	77	— 6	— 2	16,2	— 0,6	36,4	74
	Dacca (Tejgaon)	021	9	7	27	02	97	02	9	961	85	5	8	4	7	0	79	85	021	9	6	18	03	97	03	6	003	84	4	6	4	3	0	79	79	—	—	7,5	—	37,2	—
	Faridpur	025	0	8	00	00	96	02	6	944	81	7	3	5	1	0	81	86	025	3	8	16	02	90	20	0	983	82	5	4	5	2	0	81	79	— 2	+ 1	30,5	+ 3,2	27,9	71
Khulna	Barisal	080	0	6	18	02	96	02	7	022	82	7	6	7	6	0	73	86	082	0	4	18	02	96	02	2	026	86	5	7	6	0	0	79	76	— 2	— 3	16,7	— 4,1	31,3	81
	Khulna	000	0	3	02	00	97	02	1	958	82	0	0	7	4	0	79	85	000	0	5	00	00	97	01	2	958	88	0	0	7	4	0	81	79	— 3	+ 1	—	—	—	68
	Satkhira	000	0	4	00	00	96	00	0	944	88	4	3	5	0	0	81	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	000	0	8	13	07	97	02	2	957	85	4	4	5	2	1	79	88	000	0	7	16	05	97	03	2	985	84	3	5	4	4	0	81	79	—	—	12,7	— 3,7	23,7	65
Rajshahi	Pabna	000	0	6	00	00	97	01	2	953	82	0	0	9	8	8	77	88	000	0	7	00	00	98	03	1	985	82	2	5	7	6	0	81	79	—	—	19,5	—	20,2	59
	Sirajganj	000	0	8	23	02	97	03	2	948	82	8	0	8	1	0	81	86	000	0	8	00	00	98	03	2	981	82	8	0	8	2	0	81	79	— 1	+ 1	16,1	— 0,7	33,7	64
	Rajshahi	000	0	7	00	00	96	03	1	951	88	7	5	4	2	/	79	92	001	3	7	13	02	96	03	6	994	///	7	7	4	1	/	79	81	+ 3	+ 3	—	—	—	—
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	005	1	8	01	00	96	06	2	991	84	4	5	4	1	/	81	79	—	—	25,1	+ 6,8	43,5	69
	Dinajpur	000	9	5	00	00	96	01	2	946	86	5	0	9	7	/	79	88	000	3	7	09	02	96	02	2	968	84	7	5	6	1	/	81	81	— 1	+ 3	18,9	— 1,1	32,8	73
	Rangpur	008	8	6	18	02	96	01	2	943	84	5	0	9	1	0	76	84	008	0	6	13	02	96	01	2	006	84	6	0	9	2	0	81	77	—	—	17,3	— 7,5	32,6	84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore	Lahore (Jallbd.)	000	0	9	13	07	93	06	0	898	93	/	/	/	/	/	77	96	000	0	9	00	00	94	06	0	952	89	2	5	6	/	/	79	81	— 5	+ 1	1,9	— 1,6	6,1	19
	Sialkot	000	0	8	05	01	96	00	0	910	86	0	0	9	0	0	71	//	130	0	6	31	00	96	02	6	851	83	8	5	6	0	0	79	68	+ 3	—	—	—	—	32
Rawal-pindi	Jhelum	050	0	8	13	04	95	05	1	844	91	3	3	6	/	/	80	97	002	9	7	00	00	96	01	9	953	82	2	5	7	7	0	75	76	—	—	1,9	—	7,9	—
	Islamabad	003	2	1	05	07	96	06	9	///	89	2	2	4	0	0	77	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi	000	0	7	09	03	98	03	2	873	96	0	0	9	0	0	73	96	010	6	8	09	02	96	03	7	956	83	9	9	9	2	0	75	77	— 1	0	1,8	— 2,6	12,7	26
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargo-dha	Khushab	000	0	7	18	03	97	02	2	876	04	7	7	7	7	0	78	04	000	0	6	09	05	98	00	0	949	87	9	0	9	9	0	77	74	+ 1	—	0,4	— 2,0	6,9	18
	Sargodha	000	0	9	13	10	94	05	0	881	02	9	/	/	/	0	73	04	000	0	0	07	07	95	06	0	951	85	0	0	9	0	0	76	83	—	—	0	—	3,0	—
	Lyallpur	000	3	4	13	03	94	06	3	870	00	4	0	9	4	0	82	02	000	9	4	36	03	96	02	3	833	88	4	3	8	0	0	84	85	— 1	+ 2	0,1	— 2,1	4,3	12
Multan	Sahiwal	000	0	0	00	00	96	05	0	886	00	0	0	9	0	0	76	00	000	0	0	25	02	96	05	0	945	90	0	0	9	0	0	75	85	— 4	+ 1	2,9	+ 0,8	6,7	10
	Multan	000	0	0	18	02	96	06	9	871	02	0	0	9	0	0	73	03	000	0	0	18	09	96	05	0	994	89	0	0	9	0	0	75	87	0	+ 2	0,1	— 1,1	2,3	7
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawal-pur	Khanpur	000	0	0	00	00	96	05	0	865	06	0	0	9	0	0	//	07	000	0	6	23	05	95	05	0	945	87	6	0	9	7	0	75	83	0	—	0	—	1,6	6
	Bahawalpur	000	0	1	23	02	96	00	0	991	04	0	0	9	0	0	69	07	000	0	0	20	02	96	00	6	950	88	0	0	9	0	0	75	86	+ 2	+ 2	0,3	— 0,7	1,9	6
	Fort Abbas	000	9	3	23	05	98	31	9	904	05	0	0	9	2	0	75	06	000	0	0	23	03	98	00	0	958	98	0	0	9	0	0	75	87	—	—	4,3	—	4,9	8
Peshawar	Chakdara	000	8	3	23	05	92	05	4	835	98	0	0	9	0	3	75	99	000	3	5	00	00	93	05	4	933	84	5	0	9	0	7	77	76	—	—	0,7	—	17,7	—
	Peshawar	000	0	0	09	03	95	06	0	848	00	0	0	9	0	0	77	00	003	0	2	31	03	94	06	1	952	84	1	0	9	3	0	75	81	+ 2	+ 1	—	—	—	17
	Risalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	3	6	09	00	96	03	2	955	85	6	0	9	3	0	72	80	—	—	2,1	—	12,8	—
D. I. Khan	Bannu	000	0	0	13	01	99	07	0	864	03	0	0	9	0	0	79	05	000	0	0	09	01	99	07	0	953	89	0	0	9	0	0	79	83	—	—	0,0	—	3,0	11
	D. I. Khan	000	0	0	09	00	98	00	0	878	03	0	0	9	0	0	71	03	000	0	0	13	02	98	00	0	953	88	0	0	9	0	0	77	83	—	1	0,5	— 0,8	4,5	9
Quetta	Sibi	000	0	0	22	03	97	02	0	841	10	0	0	9	0	0	05	12	030	0	2	31	03	97	03	1	942	90	0	2	9	0	2	54	90	—	—	0,7	—	5,0	9
	Nokkundi	000	0	0	31	12	95	05	0	817	16	0	0	9	0	0	37	//	000	0	0	23	03	95	05	0	874	99	0	0	9	0	0	39	94	0	—	0	—	0,9	2
Kalat	Turbat	000	0	0	23	03	98	02	0	885	09	0	0	9	0	0	82	11	000	0	0	18	02	98	02	2	951	89	0	0	9	0	0	82	86	—	—	0	—	0,3	—
	Jiwani	000	0	1	16	09	96	03	0	962	90	1	6	5	0	0	83	93	000	0	2	18	09	96	01	0	938	86	2	0	9	3	0	82	84	—	—	0	—	0,0	5
	Pasni	000	0	1	23	09	97	03	0	989	91	1	4	5	0	0	78	94	000	0	0	09	03	97	03	0	942	87	6	6	5	0	0	84	84	+ 2	+ 6	0	— 0,4	0,0	6
Karachi Division	Ormara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lasbela	///	0	0	09	02	97	00	0	973	94	0	0	7	0	0	86	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Manora)	000	0	4	23	12	97	03	2	919	82	4	2	4	0	0	81	89	000	0	6	23	05	97	02	2	948	83	0	0	9	0	0	81	85	— 2	—	1,4	+ 0,0	—	—
	Karachi (Airport)	000	0	5	23	17	96	01	2	916	89	5	6	5	0	0	79	92	000	0	7	22	05	96	02	2	950	87	7	0	9	3	0	79	84	—	—	3,2	—	9,3	—
Hyder-abad	Nagarparkar	000	0	7	31	17	96	03	1	912	94	4	5	7	0	0	70	95	000	0	8	31	07	96	03	1	955	85	4	5	7	0	0	68	83	—	—	0,7	—	—	—
	Chore	000	0	4	23	08	96	07	1	903	92	4	3	9	0	0	76	25	000	0	6	20	21	96	02	2	951	84	6	3	8	0	0	76	83	—	—	0,7	—	0,7	9
	Hyderabad	000	0	0	23	12	//	//	0	901	93	0	0	9	0	0	78	00	000	7	8	23	05	97	02	3	947	87	8	0	9	2	0	79	88	0	+ 4	1,3	+ 0,1	3,3	8
	Badin	000	0	6	23	18	98	02	0	934	99	6	6	6	0	0	76	93	000	0	6	23	14	98	02	0	967	85	6	6	6	0	0	78	84	— 3	+ 3	0,3	— 1,9	2,1	—
Khairpur	Padidan	000	0	6	18	07	96	02	0	858	11	0	0	9	0	0	//	09	000	0	5	13	09	95	05	1	930	87	5	0	9	7	0	76	85	—	—	0,7	—	2,5	—
	Nawabshah	000	0	0	18	14	96	02	0	872	07	0	0	9	0	0	77	09	000	0	7	18	14	96	03	1	935	87	7	0	9	7	0	80	85	—	—	1,1	—	2,1	—
	Sukkur	000	0	0	13	02	98	02	0	869	12	0	0	9	0	0	76	13	000	0	6	18	05	96	03	1	933	88	6	0	9	3	0	78	84	—	—	0,1	—	0,8	9
	Kashmore	000	0	0	18	02	97	02	0	879	06	0	0	9	0	0	73	07	000	0	0	18	04	98	02	2	913	88	6	0	9	0	0	75	84	—	—	1,2	—	1,1	—
	Jacobabad	000	0	0	18	05	96	05	0	858	06	0	0	9	0	0	77	07	000	0	1	03	14	96	05	0	937	89	0	0	9	0	0	79	86	— 3	+ 1	0	— 0,5	1,5	—
Junagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30
	HILL STATIONS																																								
Kashmir	Srinagar																																								71
	Gulmarg																																								28
	Sonamarg																																								3
	Dras																																								6
	Leh																																								—
	Skardu																																								5
	Mirpur																																								
	Allabad																																								
	Gilgit																																								
Rawalpind	Murree	013	2	8	00	00	95	02	9	353	71	8	5	3	/	/	68	75	025	9	9	09	03	92	49	4	409	66	9	/	0	/	/	63	63	—	0	2,9	— 4,9	30,7	59
Peshawar	Dir	000	0	1	07	09	99	03	0	381	87	1	0	7	1	0	15	05	000	0	0	00	00	95	06	0	398	81	0	0	9	0	0	46	77	+ 9	+ 4	0,7	—	17,1	19
	Chitral	000	0	0	36	02	98	00	0	360	95	0	0	9	0	0	59	98	000	0	0	36	03	97	01	1	397	73	5	4	6	0	0	57	70	+ 9	— 1	2,1	— 0,0	15,5	29
	Kakul	000	0	7	18	05	94	05	2	359	85	9	0	7	8	0	49	90	005	9	8	31	04	93	05	6	401	78	8	4	5	/	0	70	76	—	—	3,3	—	14,8	—
	Land kota	000	0	1	09	03	96	05	0	328	99	1	0	9	3	0	65	05	000	0	4	13	02	96	03	0	394	89	0	0	9	0	0	67	74	—	—	0,7	—	18,6	—
	Parachinar	000	0	1	09	03	96	05	0	346	89	1	0	9	3	0	52	93	000	0	4	13	02	96	05	0	401	77	2	5	7	3	2	62	72	+ 5	+ 6	4,8	—	20,5	29
D.I. Khan	Mianwali	000	0	0	05	05	99	00	0	347	00	0	0	9	0	0	72	07	000	0	0	05	05	99	00	0	382	85	0	0	9	0	0	51	73	—	—	0,6	— 0,8	2,7	13
	Wana	000	0	0	03	01	99	00	0	431	95	0	0	9	0	0	76	00	000	0	0	00	00	99	00	0	489	80	0	0	9	0	0	63	80	—	—	0,9	—	5,7	11
Quetta	Fort Sandeman	000	0	0	07	02	99	02	0	937	03	0	0	9	0	0	42	//	000	0	0	36	02	97	02	0	370	82	0	0	9	0	0	65	76	—	/	0,3	— 1,0	10,9	11
	Hindubagh	000	0	0	05	03	98	02	0	389	98	0	0	9	0	0	53	00	000	0	0	00	00	98	02	0	435	76	0	0	9	0	0	53	70	—	—	0	—	5,8	—
	Loralai	000	0	0	31	02	98	00	0	322	05	0	0	9	0	0	98	05	000	0	0	00	00	97	00	0	379	80	0	0	9	0	0	78	71	—	—	0,1	—	4,9	9
	Barkhan	000	0	0	31	02	97	20	0	464	65	0	0	9	0	0	22	99	000	0	0	00	00	98	02	0	477	52	0	0	9	0	0	14	35	—	—	0	—	0	—
	Harnai	000	0	0	00	00	96	02	0	397	02	1	0	9	0	0	59	04	000	0	0	00	00	97	02	0	376	88	0	0	9	0	0	77	84	—	—	1,7	+ 0,3	10,5	14
	Samungli (Quetta)	000	0	0	13	07	98	02	0	324	01	1	0	9	0	0	36	02	000	0	0	13	05	96	06	0	385	82	0	0	9	0	0	63	79	—	—	0	— 0,7	7,5	9
	Chaman	000	0	0	27	00	98	00	0	337	06	0	0	9	0	0	56	07	000	0	0	09	00	98	00	0	351	92	0	0	9	0	0	63	85	— 5	+ 8	0	— 0,0	4,4	8
	Nushki	000	0	0	13	02	98	00	0	405	13	0	0	9	0	0	67	14	000	0	0	12	05	98	00	0	392	94	0	0	9	0	0	60	85	—	—	0	—	3,8	—
	Dalbandin	000	0	0	00	00	95	05	0	248	13	0	0	9	0	0	72	16	000	0	0	05	03	95	05	0	364	91	0	0	9	0	0	55	81	+ 1	+ 3	0	— 0,0	1,8	4
Kalat	Kalat	000	0	0	18	05	98	00	0	343	94	0	0	9	0	0	29	97	000	0	0	00	00	98	00	0	387	79	0	0	9	0	0	33	65	+ 6	+ 3	0	— 0,4	6,3	7
	Khuzdar																																								5
	Panjgur																																								

† Given in Code

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thou ..nds 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 is rainfall since 0900 hrs. G.M.T. of the same day

Whenever given for RRR see the summary above is for the actual amounts of rainfall)

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 11th JULY, 1967.

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 $N_sCh_sh_s$	O T_sT_s T_dT	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Alnitak Pcne	23 225	256 06	7 24 29	96 02 2	980 30	75 4 //	55 2 10	05 2 25	12 4 38	...
Faristan	23 144	572 06	5 23 30	97 05 1	051 80	00 9 02	15 0 00	00 2 72	12 3 47	12 4 57
Venssa	23 196	659 12	4 24 30	97 02 0	941 83	48 3 00	75 7 19	12 4 27	12 5 37	...
Faristan	23 152	580 12	8 23 30	97 05 2	115 80	00 9 07	15 7 24	00 2 74	12 3 47	12 3 57
Dacca City Aqeo	23 162	721 12	7 27 22	97 02 2	045 82	72 5 10	.	...	...	...
Ocean Endurance	23 147	729 12	7 29 20	98 02 8	07/ 30	76 / //	...	...	..	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isoboric 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
		PPPT TT$_d$T$_d$T$_d$	HHH TTT $T_dT_dT_d$								HHH TTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra —														
Chittagong ...	00 00	996 015 405	...	...	140 158 999	...	307 082 999	...	475 595 999	743 628 999	946 918	...	...	...
Dacca ...	00 00	997 275 928	...	..	140 205 999	...	305 118 999	...	// 518 999	755 618 999	970 745	53/ 943	441 075	...
Jiwani ...	00 00	906 282 252		...	135 302 999	...	307 190 999	...	583 555 999	758 605 999	974 742	257 932	446 045	...
Karachi ...	00 00	991 295 245	...	...	140 212 068	...	303 165 088	...	577 595 625	759 618 999	961 788	238 005	...	...
Lahore ...													...	...
Multan ...	00 00	979 312 238	..	...	140 242 208	...	305 182 155	...	// 505 999	760 555 999	983 618	285 750	..	...
Peshawar ...	00 00	754 312 238		...	135 265 255	...	316 172 999	...	685 018 999	762 565 999	981 675	...	...	...
Quetta		No	Ascent											

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT $T_dT T_d$									Max Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 21/ ///	800 15/ ///	600 00/ ///	350 82/ ///	250 94/ ///	...	—	...	...	250 94/ ///	...	...
Dacca —	00 00	900 23/ ///	800 17/ ///	600 05/ ///	350 69/ ///	250 13/ ///	...	...	...	...	150 441 075	...	...
Jiwani ...	00 00	900 3/ ///	800 29/ ///	600 06/ ///	461 89/ ///	350 67/ ///	750 84/ ///	...	...	...	150 446 045	...	...
Karachi ...	00 00	900 208 /02	800 235 108	600 062 002	350 ?/ ///	250 88/ ///	...	...	...	—	...	...	...
Lahore ...													
Multan ...	00 00	900 252 225	800 235 205	350 59/ ///	250 68/ ///	--	—	...	...	—	300 286 075	—	—
Peshawar ...	00 00	800 24/ ///	601 10/ ///	350 62/ ///	...	...	—	...	...	...	300 981 675	...	...
Quetta ...		No	Ascent				...	...	..	...		...	...

P/ P—Pressure in hundreds tens and units of millibars.

TT T; TdTdTd; Dry Bulb; Dew Point temperatures (in tenths 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 G.M.T. of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	5.4	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	24 06	27 08	30 10	32 11	31 13	...	...	—	21 12	20 08	23 06	31 04	32 10	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala	...	14 12	14 11	16 07	21 02	...	...	—	...	...	13 09	09 11	12 06	29 05	...	...	...	...	...	...	...	...	...	...	...	...
Chhor	22 20	21 28	...	...	...	...	...	...	...	21 21	22 14	22 14	...	...	.	20 23	21 18	...	...	...	...	...	...	...	...	...
Chittgong	17 16	19 18	23 05	32 14	33 20	...	...	...	...	...	...	...	...	...	...	18 17	18 19	18 17	...	—	...	...	...	...	...	...
Cox's Bazar	21 10	22 07	36 07	30 17	...	...	...	...	...	No	Ascent	...	...	...	...	19 06	20 05	21 04	...	...	...	...	...	...	...	...
Dacca	27 06	25 07	02 07	36 07	...	...	...	—	...	18 06	22 05	24 05	32 05	33 09	07 04	13 06	14 05		30 08	32 10	35 10	...	...	...	...	...
Dalbandin	...	...	00 00	07 02	33 07	33 08	01 04	05 11	07 11	—	...	04 04	01 16	04 11	07 05	...	...	17 01	11 07	04 10	03 05	30 03	31 03	09 08	08 11	...
D. I. Khan	...	...	—	...	...	...	...	...	...	...	...	—	...	...	...	...	...	—	...	...	...	...	...	...	...	...
Drosh	...	..	—	...	03 10	01 02	36 23	// //	35 26	...	...	—	11 02	22 01	22 04	—	...	...	...	95 02	02 09	10 16	02 22	36 20	04 33	...
Fort Sandeman	...	—	...	27 04	36 04	24 07	30 02	34 04	30 12	...	...	...	03 06	30 02	32 04	...	...	—	// //	02 06	04 04	06 09	08 16	...	...	...
Jacobabad	11 10	12 12	13 09	07 06	05 06	36 09	30 06	27 06	28 07	14 12	16 11	17 11	19 08	25 12	29 11	16 09	12 06	10 07	10 07	04 07	08 07	31 10	35 10	01 10	34 10	07 21
Jessore	14 04	14 06	15 07	...	...	...	...	...	...	24 09	21 12	// //	32 05	35 08	36 06	03 03	...	...	—	...	...	...	—	...	...	...
Jhelum	11 13	13 15	14 22	13 23	...	...	...	...	...	12 12	23 07	14 08	27 03	// //	...	20 01	13 03	13 05	29 04	29 10	31 10	25 10	—	...	...	...
Jiwani	21 09	28 17	28 21	29 19	29 19	31 07	07 07	04 06	13 02	...	—	—	—	...	—	19 05	25 04	25 05	33 04	04 06	10 08	11 14	/ //	09 66	...	...
Karachi	23 19	24 21	...	...	...	...	...	...	...	...	...	—	...	...	..	25 15	24 15	...	...	...	...	...	...	—	...	...
Khanpur	18 05	18 07	18 07	14 03	31 06	34 10	35 17	36 18	36 22	22 15	22 11	34 18	27 17	...	—	19 11	20 08	23 07	06 10	05 11	...	...	...	...	...	...
Lahore	14 14	17 14	17 13	...	...	...	...	...	...	// //	24 10	24 10	27 11	...	...	23 06	25 09	28 10	...	...	—	...	...	...	...	...
Multan	19 13	19 15	19 12	14 16	13 17	19 13	22 14	...	...	19 13	19 23	20 23	33 10	28 06	36 11	20 03	19 08	19 08	15 09	13 06	// //	36 20	35 19	35 23	...	...
Nawab Shah	20 18	21 12	22 09	02 23	01 09	23 09	31 11	34 16	31 20	19 23	19 18	10 99	// //	01 06	30 02	19 10	22 05	36 06	04 10	03 08	35 05	33 05	35 05	// //	01 06	...
Panjgur	..	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...
Peshawar	...	07 08	12 08	17 11	18 07	22 04	-	...	...	...	02 04	31 03	25 05	29 08	32 15	...	04 04	10 04	25 04	33 02	34 05	14 50	34 07	// //	07 02	...
Samungli	...	—	...	...	33 04	35 08	21 04	33 12	35 17	...	...	...	...	28 10	29 17	...	...	...	...	33 11	34 23	32 25	35 23	35 18	36 71	35 10
Sargodha	...	...	...	...	...	...	...	—	—	08 05	14 11	16 09	22 07	23 03	...	16 03	16 04	21 04	20 74	27 04	...	...	—	...	...	...
Sylhet	34 06	01 06	02 08	23 03	...	...	...	...	...	14 03	19 05	24 04	...	...	...	27 01	27 02	26 04	...	...	...	...	...	...	...	...
Vravale	...	...	...	—	—	—	—	...	—	...	...	...	...	—	—	...	—	...	...	—	...	...	...	...	...	...

* The actual time of observation may vary within half an hours 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 23	26 19	26 12	31 18	31 14	33 06	04 19	04 25	05 24	33 06	08 27	...	...	...			
Peshawar ...	...	...	...	...	...	...	...	...	—	...	—	...	...	...	...	...	..	...
Quetta ...																		

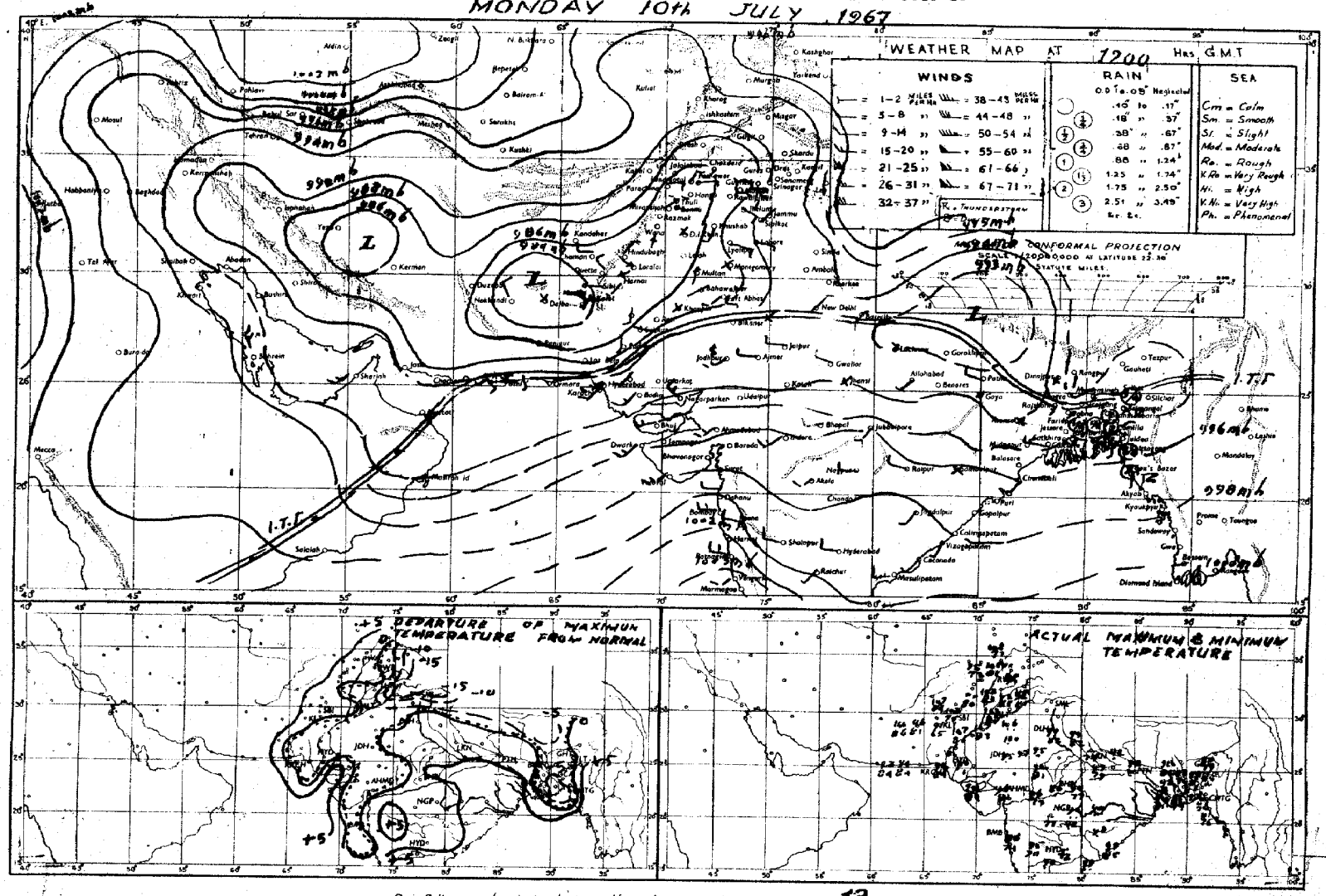
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North throughout East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr etc.)

The accuracy of individual station/isolated reports cannot be guaranteed. Corrections can be obtained if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI.

PAKISTAN DAILY WEATHER MAP

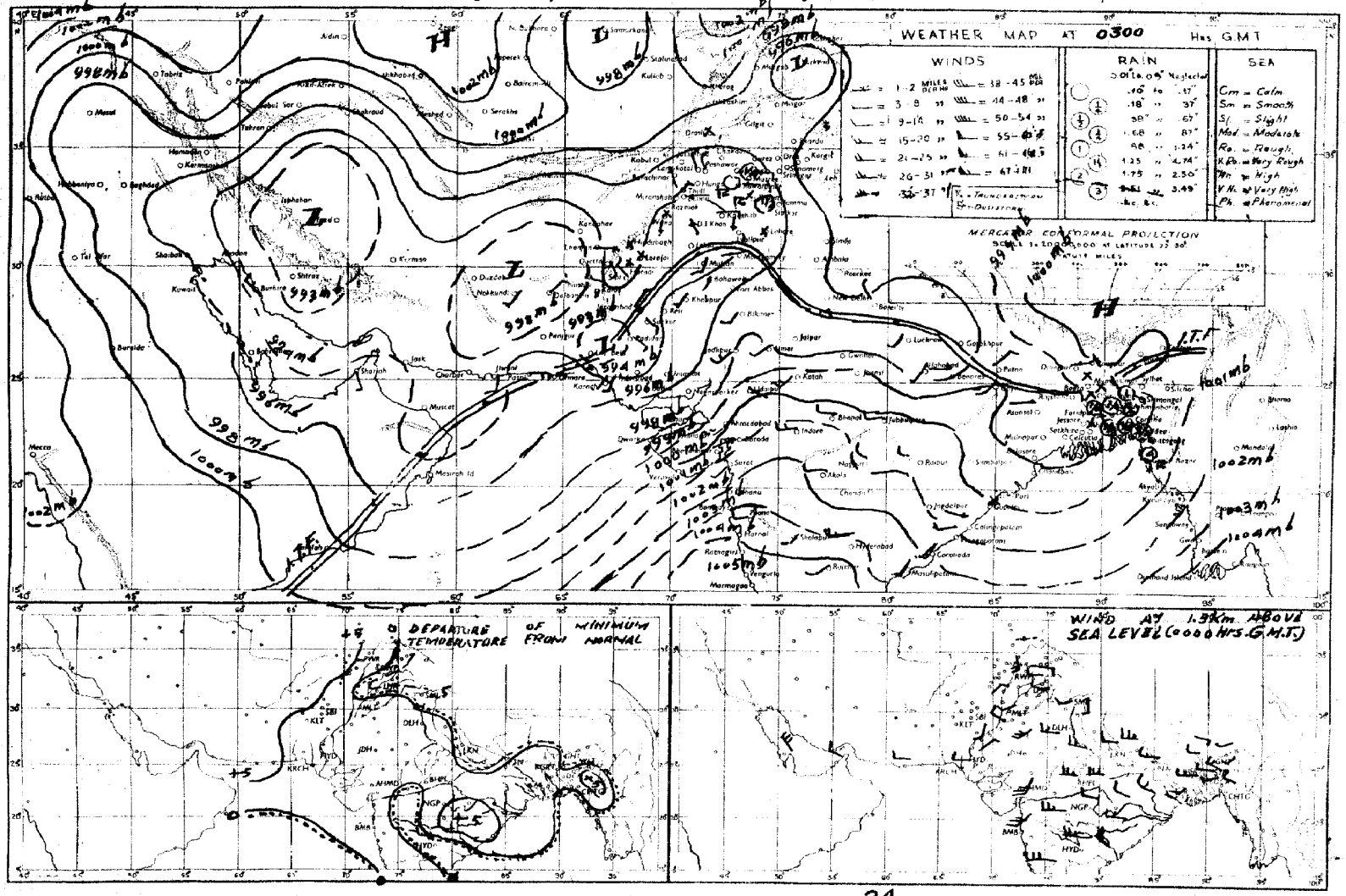
MONDAY 10th JULY 1967



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

TUESDAY 11th JUNE 1967



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

Pgees 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

WEDNESDAY THE 12th JULY, 1967.

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

Yesterday's western disturbance is moving away across East Russian Turkistan. Under its influence scattered rain/thundershowers have occured in Peshawar division.

Seasonal trough of low pressure continues to extend from Kalat division to Sargodha division.

Observations are lacking but believe an easterly low pressure wave has entered into the head By of Bangal.

Axis of Monsoon trough runs across Utter Pradesh to Assam.

Monsoon is moderate over East Pakistan and has caused widespread rain/thundershowers in Khulna division, local in Chittagong and Rajshabi division and scattered in Dacca division.

Chief amounts of rainfall are: Cox's Bazar 3/4" Satkhira ½", Paridpur, Rajshahi and Haripur 1/4" each.

Day temperatures were 3—6°F (2—3°C) above normal in Chittagong, Dacca, Khulna, Peshawar, Quetta, Kalat and Hyderaband divisions and were to the same extent below normal in Lahore and Khairpur divisions.

Forecast valid until the evening of 13th July, 1967:- Fairly widespread rain/thundershowers are likely to occur in Chittagong division, local elsewhere in East Pakistan, scattered in Peshawar, Rawalpindi and Lahore divisions and in Kashmir. A few dust/thunderstorms may also occur in Sargodha and Hyderabad divisions.

Karachi-11
The 12th July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meterological Services.

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

Divisions	Stations (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	Rangamati	000	0	7	18	03	97	03	2	990	85	4	7	4	7	1	79	92
	Cox's Bazar	232	0	7	23	15	97	03	2	981	81	5	9	5	3	/	77	85
	Chittagong	000	0	7	20	08	97	03	2	984	85	6	3	3	2	0	79	85
	Majidee Court	020	4	7	16	05	96	02	6	962	11	3	5	4	3	0	81	88
	Comilla	000	0	6	16	05	96	02	2	966	86	6	4	5	0	0	81	93
	Brahmanbaria	000	0	4	00	00	97	03	1	973	90	4	5	5	0	0	79	97
	Sylhet	000	0	4	31	02	97	02	0	960	90	3	2	5	0	1	81	88
	Srimangal	000	0	5	00	00	96	02	0	970	90	3	3	5	2	0	81	92
Dacca	Mymensingh	000	0	4	00	00	96	01	2	964	86	4	4	6	0	0	79	92
	Narayanganj	000	0	6	23	02	96	50	2	969	85	8	7	3	/	/	79	84
	Dacca (Tezgaon)	000	0	5	23	02	97	01	2	962	86	2	4	4	3	1	81	92
	Faridpur	016	0	8	00	00	97	02	6	940	81	7	5	5	/	0	79	88
Khulna	Barisal	092	4	8	18	03	96	02	6	978	87	8	7	6	/	/	77	88
	Khulna	175	3	6	00	00	97	02	6	976	81	0	0	7	3	0	77	90
	Satkhira	050	0	4	27	01	96	00	6	963	79	4	4	6	0	0	76	94
	Jessore	045	6	9	23	07	96	95	9	979	79	7	9	2	2	/	77	98
Rajshahi	Pabna	000	0	5	23	02	98	01	1	961	86	5	0	9	3	0	81	90
	Sirajganj	000	0	2	00	00	97	01	0	956	85	2	0	8	4	0	79	88
	Rajshahi	021	7	6	18	02	97	03	6	969	86	4	7	4	3	0	81	88
	Bogra	012	7	7	27	03	96	03	0	965	88	5	4	4	2	0	81	98
	Dinajpur	000	9	6	09	03	96	02	0	952	89	4	5	6	/	/	81	90
	Rangpur	005	6	3	11	02	96	01	6	939	85	3	0	9	/	0	76	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Road)	000	0	6	23	07	94	06	1	944	88	4	5	6	2	0	74	88
	Sialkot	000	0	4	23	01	96	00		935	92	0	0	9	0	0	73	92
Rawalpindi	Jhelum	000	0	6	18	03	95	05	2	928	96	2	5	7	7	1	77	97
	Islamabad																	
	Rawalpindi	000	0	3	13	02	98	03	0	914	97	0	0	9	6	0	76	98
	Campbellpur																	
Sargodha	Khushab	000	0	0	09	02	98	00	0	914	04	0	0	9	0	0	79	05
	Sargodha	000	0	6	11	09	95	06	1	926	01	6	9	6	0	0	75	03
	Lyallpur	000	0	4	13	02	96	02	0	819	00	4	3	8	0	0	84	00
Multan	Sahiwal	000	0	0	00	00	96	05	0	932	00	0	0	9	0	0	74	01
	Multan	000	0	3	18	03	96	05	0	924	02	/	5	6	3	0	73	03
	Leiah	000	0	0	06	01	98	00	0	920	00	0	0	9	0	0	73	13
Bahawalpur	Khanpur	000	0	0	00	00	94	06	4	921	03	0	0	9	0	0	70	03
	Bahawalpur	000	0	0	23	02	96	00	0	958	03	0	0	9	0	0	64	05
	Fort Abbas	000	0	0	00	00	98	00	0	903	05	0	0	9	0	0	75	07
Peshawar	Chakdara	000	8	2	27	03	97	05	4	890	96	0	0	9	0	4	79	97
	Peshawar	000	0	0	09	02	96	06	0	901	00	0	0	9	0	0	83	//
	Haripur	000	0	0	13	02	96	00	0	907	88	0	0	9	0	0	74	00
D. I. Khan	Bannu	000	0	0	13	01	99	07	0	910	01	0	0	9	0	0	77	02
	D. I. Khan	000	3	6	00	00	97	03	2	913	03	0	0	8	8	8	80	05
Quetta	Sibi	000	0	6	23	03	97	03	1	910	08	6	2	9	6	2	51	10
	Nokkundi	000	0	0	31	09	95	05	0	840	15	0	0	9	0	0	46	18
Kalat	Turbat	000	0	0	23	03	98	02	0	927	06	0	0	9	0	0	79	07
	Jiwani	000	0	0	18	09	96	06	0	932	89	0	0	9	0	0	81	92
	Pasni	000	0	2	18	10	97	01	1	939	93	2	6	5	0	0	83	98
Karachi Division	Ormara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Airport)	000	0	1	23	14	96	01	2	905	90	0	6	5	2	0	79	92
Hyderabad	Nagarparkar	000	0	8	31	03	96	03	1	951	91	4	5	7	0	0	72	92
	Chore	000	0	5	20	22	96	07	2	940	92	5	5	5	0	0	77	95
	Hyderabad	000	0	2	23	05	97	01	1	932	97	0	0	9	0	1	77	02
	Badin	000	0	6	23	14	98	02	0	957	98	6	6	6	0	0	75	99
Khairpur	Padidan	000	0	0	13	05	96	02	1	913	03	0	0	9	0	0	72	07
	Nawabshah	000	0	0	09	03	96	02	0	911	05	0	0	9	0	0	75	06
	Sukkur	000	0	6	13	02	96	02	0	905	06	6	0	9	4	0	80	08
	Kashmore	000	0	0	18	02	98	07	0	907	02	0	0	9	0	0	75	03
	Jacobabad	000	0	0	18	07	96	05	0	912	03	0	0	9	0	0	77	03
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar **																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar *																	
	Aliabad *																	
	Gilghit *																	
Rawalpindi	Murree *	000	0	6	27	03	97	02	1	399	77	6	5	3	0	0	69	//
Peshawar	Drosh *	000	0	0	23	09	96	06	0	348	91	0	0	9	0	0	41	04
	Cherat *	000	0	0	36	03	98	00	1	402	90	0	0	9	0	0	71	91
	Kakul *	000	0	0	23	05	93	05	2	395	86	6	4	5	0	0	68	88
	Landi Kotal *	000	0	0	05	05	95	02	0	272	95	0	0	9	0	0	75	97
	Parachinar *	000	0	4	13	03	96	05	1	387	87	2	5	6	7	0	59	89
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	384	98	0	0	9	0	0	73	00
	Wana *	000	0	3	03	01	98	01	0	474	94	3	0	8	/	2	75	96
Quetta	Fort Sandeman *	000	0	0	13	05	97	02	0	400	00	0	0	9	0	0	56	04
	Hindubag *	000	0	0	05	03	98	02	0	359	02	0	0	9	0	0	65	04
	Loralai *	000	0	4	13	04	96	01	1	369	96	0	0	9	0	2	88	04
	Barkhan *	000	0	0	31	02	97	02	0	466	65	0	0	9	0	0	22	99
	Harnai *	000	0	0	00	00	96	03	0	378	95	0	0	9	0	0	67	98
	Samungli (Quetta) *	000	0	5	18	05	97	02	1	359	99	1	1	6	3	0	41	02
	Chaman *	000	0	0	27	00	98	00	0	358	07	0	0	9	0	0	77	09
	Nushki *	000	0	0	13	05	98	00	0	374	15	0	0	9	0	0	72	16
	Dalbandin *	000	0	1	09	03	95	05	0	362	15	1	8	9	3	0	73	17
Kalat	Kalat *	000	0	0	18	05	98	00	0	357	94	0	0	9	0	0	29	98
	Khuzdar *																	
	Panjgur *																	

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

Divisions	Stations (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 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 1967 to-date (39)	Departure from normal (40)	Since 1st January 1967 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	5	18	02	98	03	2	110	90	2	9	5	0	3	//	79	—	—	—	—	—	—
	Cox's Bazar	399	9	8	18	09	97	03	9	003	81	8	7	3	2	/	77	74	— 1	— 3	55,1	+ 10.3	66.3	142
	Chittagong	000	0	4	16	07	97	02	1	003	84	3	8	5	7	0	79	79	— 1	+ 2	33.9	+ 3.7	46,7	108
	Majidee Court	000	0	6	13	05	96	03	2	995	85	4	5	5	2	1	72	79	+ 2	+ 1	32,7	+ 4.1	5,4	115
	Comilla	000	6	6	00	00	96	02	0	995	83	6	4	4	6	0	80	79	+ 4	+ 1	—	—	—	94
	Brahmanbaria	000	0	6	15	03	96	03	1	999	85	2	6	5	0	0	79	79	—	—	21,7	+ 3,2	43,5	78
	Sylhet	002	4	3	00	00	96	95	9	997	51	7	9	4	2	/	79	79						
	Srimangal	000	0	7	00	00	96	03	9	///	80	3	8	4	/	0	79	79						
Dacca	Mymensingh	000	0	5	00	00	97	02	2	996	84	5	4	5	0	0	81	76	+ 2	+ 3	19,8	— 4.7	42,3	98
	Narayanganj	000	0	8	13	20	97	02	2	994	85	8	7	3	/	/	79	79	+ 4	+ 2	—	—	—	91
	Dacca (Tezgaon)	000	6	6	20	12	96	01	2	995	82	4	8	4	7	0	79	79	+ 5	0				74
	Faridpur	018	3	8	16	03	97	02	2	991	84	6	4	5	/	0	79	79	—	—	7,5	—	37,2	—
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	+ 1	20,7	+ 3.5	28.1	71
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					81
	Satkhira	150	0	2	00	00	96	00	0	985	82	4	0	7	2	2	79	77	+ 2					68
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6	— 1	—	—	—	65
Rajshahi	Pabna	000	0	0	23	02	99	02	1	989	84	0	0	9	0	0	79	//	—	—	19,5	—	20.2	65
	Sirajganj	000	0	8	00	00	98	02	2	996	83	8	0	8	2	0	79	79	—					59
	Rajshahi	021	9	1	31	02	97	01	1	989	86	0	0	9	0	0	79	79	0	+ 1	16.1	— 0,9	33,7	64
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—		—
	Dinajpur	000	2	3	09	02	96	01	1	968	88	3	0	9	2	/	79	81	+	+ 3	18.9	— 1,6	32,8	69
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					72
Kashmir	Jammu																							84
Lahore	Lahore (Jail Road)	000	0	2	18	03	95	05	1	951	87	0	0	9	0	4	77	81	— 2	+ 1	1.9	— 1,8	6,1	—
	Sialkot	005	0	8	00	00	96	02	5	458	81	8	0	6	0	0	79	73	— 6	— 7	—	—	—	19
Rawalpindi	Jhelum	000	0	8	13	03	96	20	2	937	85	4	5	6	1	/	78	85	—	—		—		32
	Islamabad																		—		1,9		7,9	—
	Rawalpindi	000	3	8	09	02	97	03	0	951	85	8	5	6	0	0	76	88	0	+ 3	1,9	— 2.9	12.7	38
	Campbellpur																							
Sargodha	Khushab	000	0	0	00	00	98	00	0	949	90	0	0	9	0	0	76	75	+ 2	— 7	0,4	— 2.2	6.9	15
	Sargodha	000	0	3	05	02	96	06	0	954	89	3	0	9	3	0	79	85	—	—	0		3.6	—
	Lyallpur	000	0	0	16	02	96	00	0	943	91	0	3	9	0	0	81	85	— 2	+ 3	0.1	— 2,3	4,3	12
Multan	Sahiwal	000	0	0	18	02	96	05	0	949	90	0	0	9	0	0	73	84	— 2	0	2.9	+ 0,7	6.7	10
	Multan	000	0	0	23	05	97	02	0	945	91	0	0	9	0	0	76	87	+ 1	+ 2	0,1	— 1,1	2,3	7
	Leiah	000	0	0	27	02	97	00	0	025	99	0	0	9	0	0	65	72			0		0	8
Bahawalpur	Khanpur	000	0	0	23	02	95	05	0	958	93	0	0	9	0	0	77	86	— 2	+ 3	0	— 1,2	1.6	6
	Bahawalpur	000	0	0	23	02	96	00	0	962	91	0	0	9	0	0	78	87	+ 2	+ 3	0,3	— 0.8	1,9	6
	Fort Abbas	000	0	0	33	02	98	00	0	958	94	0	0	9	0	0	75	88	—	—	—			8
Peshawar	Chakdara	000	3	4	27	02	92	05	4	929	84	4	1	7	0	0	77	80	—	—	0.7	—	17,7	—
	Peshawar	000	0	1	31	05	96	06	0	944	87	1	0	9	3	1	82	86	/	+ 6	—	—	—	11
	Haripur	000	4	5	13	01	97	03	6	956	87	5	0	9	3	0	78	76	—	—	2.3	—	13,1	—
D. I. Khan	Bannu	000	0	0	18	04	98	00	0	949	91	0	0	9	0	0	80	75	—	—	0,0	—	3,0	11
	D. I. Khan	000	0	0	13	02	98	00	0	939	92	0	0	9	0	0	76	86	+ 1	+ 3	0,5	— 0,9	4.5	9
Quetta	Sibi	000	0	8	23	03	97	03	0	949	95	0	2	9	2	0	51	91	—	—	0,7	—	5,0	5
	Nokkundi	000	0	0	05	02	95	05	0	517	96	0	0	9	0	0	61	90	—	—	0	—	0,9	2
Kalat	Turbat	000	0	0	00	00	98	02	3	975	88	0	0	9	0	0	82	85	—	—	0	—	0,3	—
	Jiwani	000	0	6	18	07	95	05	1	966	85	6	0	9	7	0	77	84	—	—	0	—	1.1	5
	Pasni	000	0	4	23	03	97	02	0	971	86	2	6	5	0	2	77	84	+ 3	+ 6	0	— 0.3	0.0	6
Karachi Division	Ormara	000	0	6	37	09	96	02	2	947	87	4	0	6	3	0	80	//	—	—	0	— 0.1	0,7	6
	Lasbela	//	0	0	00	00	97	03	0	965	86	0	0	7	0	0	77	50	—	—				8
	Karachi (Manora)	000	0	7	27	10	96	03	2	972	85	0	0	9	6	0	80	85	—	+ 4	1,4	— 0,1	—	8
	Karachi (Airport)	000	0	7	27	07	96	01	1	970	80	7	6	5	0	0	79	84	—	—	3,2	—	9,3	—
Hyderabad	Nagarparkar	000	0	8	31	07	96	03	1	973	85	4	5	7	0	0	76	83						—
	Chore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					7
	Hyderabad	000	0	3	23	05	97	01	1	960	87	1	0	9	3	1	79	65	+ 3	+ 4	1,3	+ 0,0	3,3	9
	Badin	000	0	6	23	10	98	02	0	989	85	6	6	6	0	0	78	63	+ 4	+ 2	0,3	— 1 9	2,1	
Khairpur	Padidan	000	0	1	13	07	96	01	0	950	88	1	0	9	3	0	77	85	—	—	0,7	—	2,5	—
	Nawabshah	000	0	6	13	07	96	03	1	952	89	0	0	9	0	8	78	85	—	—	1,1	—	2,1	—
	Sukkur	000	0	0	23	07	95	02	0	952	87	0	0	9	0	0	87	85	—	—	0,1	—	0,8	4
	Kashmore	000	0	0	18	02	98	02	0	963	88	0	0	9	0	0	75	85	—	—	1,2	—	1,1	—
	Jacobabad	000	0	0	13	07	96	05	1	953	89	0	0	9	0	0	79	87	— 6	+ 2	0	— 5,5	1,5	4
Junagadh	Veraval																							
	HILL STATIONS																							
Kashmir	Srinagar **																							20
	Gulmarg **																							24
	Sonamarg **																							—
	Dras **																							71
	Leh **																							26
	Skardu *																							3
	Misgar *																							6
	Aliabad *																							—
	Gilghit *																							5
Rawalpindi	Murree *	000	0	8	13	02	93	03	1	411	69	8	5	2	/	0	63	65	/	+ 6	2,9	— 5.3	30,3	58
Peshawar	Drosh *	000	0	0	00	00	95	06	0	405	82	0	0	9	0	0	52	79	+ 9	+ 6	0,6	—	17.1	18
	Cherat *	000	0	0	36	02	98	80	1	403	75	0	0	9	0	0	11	72	+ 2	+ 1	2 1	— 0,1	15,5	28
	Kakul *	000	9	7	18	02	93	05	4	407	79	7	4	5	0	0	72	75	—	—	3,3	—	24,8	—
	Landi Kotal *	000	0	0	05	03	94	02	0	399	85	0	0	9	0	0	74	80	—		0.7	—	18,6	—
	Parachinar *	000	0	2	13	02	96	05	0	409	78	2	5	6	0	0	66	74	+ 2	+ 8	4.8	—	20.5	29
D.I. Khan	Miranshah *	000	0	4	05	05	98	03	0	404	85	4	0	9	0	0	70	83	—	—	0.6	— 0,9	2,7	13
	Wana *	000	0	0	00	00	99	00	0	489	80	0	0	9	0	0	68	73	—	—	0,9	—	5:7	11
Quetta	Fort Sandeman *	000	0	0	00	00	96	20	2	412	82	0	0	9	0	0	64	81	+ 4	+ 6	0,2	— 1.1	10,9	11
	Hindubag *	000	0	0	00	00	98	02	0	421	76	0	0	9	0	0	53	70	—	—	0	—	5,8	—
	Loralai *	000	0	0	18	02	97	00	0	400	78	0	0	9	0	0	71	70	—	—	0,1	—	4 9	9
	Barkhan *	000	0	0	13	03	98	02	0	477	82	0	0	9	0	0	14	35	—	—	0		0	—
	Harnai *	000	0	0	00	00	97	02	0	397	90	0	0	9	0	0	73	85	—	—	1,7	+ 0.3	10.5	14
	Samungli (Quetta) *	000	0	0	13	05	96	06	1	401	82	0	0	9	0	0	65	73	—	—	0	— 0,1	7,5	9
	Chaman *	000	0	0	36	00	98	00	0	406	90	0	0	9	0	0	63	86	+ 7	+ 10	0	— 0.0	4.2	8
	Nushki *	000	0	0	16	02	98	00	0	385	93	0	0	9	0	0	60	93	—	—	0	—	3.8	—
	Dalbandin *	000	0	0	00	00	94	05	0	394	96	0	0	9	0	0	55	89	+ 8	+ 11	0	— 0,0	1,8	4
Kalat	Kalat *	000	0	0	18	02	//	00	0	411	76	0	0	9	0	0	33	63	+ 7	+ 1	0	— 0.4	6.3	7
	Khuzdar *																							—
	Panjgur *																							5

† 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. is rainfall since 0000 hrs. G.M.T of the same day

Whenever given for RRR see the summary above is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 12th JULY, 1967.

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 $N_sCh_sh_s$	$O_sT T_s T_d T$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Vanesa Gdzh	33 216	635 00	5 24 30	97 02 1	938 82	56 3 00	75 5 02	05 1 80	12 4 27	12 4 37
Hollanddiep Post	33 172	603 36	4 23 30	98 02 0	010 28	32 4 00	00 1 25	12 3 25	10 0 //	...
Vanssa Gdzh	33 226	624 06	4 23 32	97 02 0	941 82	26 3 08	75 5 02	05 1 81	12 3 27	12 1 37
Ocean Energy	33 146	730 06	7 25 18	97 02 2	019 28	73 4 40	...	...	...	...
Oceanedurance	33 186	705 06	5 25 25	97 02 1	061 30	76 / //	—	...	...	...
BAY OF BENGAL										
Oceanedurance	33 200	696 12	4 25 25	97 02 1	041 29	90 / //	...	...	—	...

UPPER AIR DATA

At surface and Standard Isoboric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTT$T_dT_dT_d$	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 $T_dT_dT_d$								HHH TTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	80 00	996 262 252	...	...	140 228 228	...	309 152 152	...	586 035 999	764 542 999	983 655	280 842	490 935	...
Dacca ...	00 00	997 272 262	...	...	141 160 999	...	301 085 999	...	573 558 999	745 650 999	952 790	231 015	415 115	660 238
Jiwani ...	00 00	980 285 255	...	...	140 290 999	...	310 170 999	...	585 555 999	757 035 999	971 770	250 955	...	...
Karachi ...	00 00	994 322 212	...	...	140 270 999	...	310 220 999	...	592 502 999	767 595 999	984 745	...	—	—
Lahore ...	00 00	971 300 240	...	...	139 205 185	...	303 100 999	...	576 535 999	759 635 999	964 710	260 830	...	—
Multan ...	00 00	980 312 215	...	...	140 295 218	...	301 242 152	...	951 129 999	784 055 999	906 540	327 672	560 740	—
Peshawar ...	00 00	/// // ///	...	...	140 312 022	...	310 212 999	...	592 045 999	770 512 999	272 032	...	—	...
Quetta ...	00 00	813 328 132	...	...	140 702 092	...	/// /// ///	...	950 043 999	769 568 999	987 712	276 872	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT $T_dT T_d$									Max Height Reached PPPTTT $T_dT^dT^d$	TROPOPAUSE St HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 C0	900 252 242	800 195 195	600 11/ ///	460 00/ ///	350 61/ ///	250 4/ ///	—	...	...	150 935 999	...	...
Dacca ...	00 00	900 19/ ///	800 14/ ///	600 02/ ///	350 71/ ///	250 81/ ///	...	...	...	...	150 115 999	...	...
Jiwani ...	00 00	900 26/ ///	800 27/ ///	600 06/ ///	350 64/ ///	250 86/ ///	...	...	...	...	250 955 999	...	...
Karachi ...	00 00	900 30 ///	800 25/ ///	600 14/ ///	350 64/ ///	250 /// ///	...	...	...	—	250 /// ///	...	...
Lahore ...	00 00	800 178 174	600 459 999	...	...	...	—	...	...	...	200 830 999	...	...
Multan ...	00 00	900 302 242	800 285 235	600 192 125	350 0// ///	250 61/ ///	—	...	...	...	...	...	...
Peshawar ...	00 00	900 338 232	800 28/ 29/	600 13/ ///	...	...	...	...	—	...	300 032 999	...	...
Quetta ...	00 00	800 242 122	600 128 525	455 00/ ///	350 64/ ///	250 76/ ///	—	...	...	...	200 872 999	...	...

P. P—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 G.M.T. of date (dd ff) 0.3	0.6	0.9	1.8	2.1	3.0	5.4	5.4	6.0	7.2	0.9
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 03	19 03	24 05	26 02	...	...	...	...	—	22 09	21 04	20 02	...	...	...	19 04	15 05	22 06	...	...	...	...	...	...	...	...
Chaklala	...	15 10	15 10	17 05	...	...	...	...	...	...	17 07	08 04	07 04	26 11	...	...	...	...	...	...	...	...	...	...	...	...
Chhor	21 15	22 15	21 14	...	...	...	...	...	...	22 23	23 21	23 20	...	...	.	21 19	22 16	...	...	...	...	...	...	...	...	...
Chittagong	20 15	20 20	18 25	...	...	...	...	...	...	18 13	18 09	18 09	14 06	21 05	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	19 17	18 18	17 13	20 12	23 15	24 10	...	...	...	19 08	20 07	20 07	...	...	...	...	...	...	...	...	...	...	—	...	...	...
Dacca	24 02	22 02	30 01	10 02	08 07	07 04	15 13	14 16	14 17	18 05	18 04	18 03	27 04	29 04	19 05	21 08	18 07	18 06	...	...	...	...	...	...	...	...
Dalbandin	...	...	17 03	18 06	25 07	28 06	03 03	05 06	04 09	—	...	25 04	05 01	31 04	01 11	...	...	25 05	26 11	26 10	04 16	04 14	35 09	34 03	35 07	13 10
D. I. Khan	...	...	—	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	—	...	24 10	23 04	34 09	34 13	34 17	...	—	—	...	...	...	...	...	...	...	05 05	// //	// //	28 15	32 18	28 09	27 19
Fort Sandeman	...	—	...	09 01	24 01	07 01	30 12	36 50	30 05	—	—	...	25 04	...	...	...	...	...	23 04	22 07	29 04	28 05	27 14	...	...	...
Jacobabad	14 07	13 09	14 07	11 07	02 02	35 10	34 15	// //	47 18	16 10	13 05	09 02	33 08	36 11	32 11	16 12	16 10	13 11	13 09	// //	03 05	20 60	20 09	05 12	05 16	03 42
Jessore	No	...	Ascent	...	...	...	...	...	...	26 12	26 11	28 07	35 13	34 15	33 21	20 03	23 06	27 05	...	...	...	...	...	...	...	...
Jhelum	17 05	15 06	15 05	30 07	31 11	31 10	33 13	...	...	13 05	14 08	15 05	25 11	30 13	...	16 02	20 02	23 04	28 13	29 15	31 08	35 07	—	...	...	...
Jiwani	16 11	17 09	19 09	24 06	25 10	34 09	10 14	—	...	...	...	—	—	...	...	14 09	...	—	...	...	...	...	...	...	...	...
Karachi	24 12	26 15	28 15	...	...	...	...	...	-	...	...	—	...	...	...	26 24	26 21	...	—	...	...	...	...	—	...	...
Khanpur	20 04	15 05	16 01	12 08	...	...	...	—	...	23 13	23 19	24 13	24 17	21 13	17 15	21 08	18 08	12 05	07 40	03 10	03 23	02 25	/ //	07 18	08 19	07 08
Lahore	22 08	19 11	15 08	07 03	31 10	...	—	...	...	15 08	23 12	24 13	25 10	// //	33 08	33 01	24 03	27 08	28 07	25 09	27 10	...	...	...	...	...
Multan	21 17	19 21	19 21	17 12	13 13	05 13	...	...	...	20 16	21 18	22 18	36 04	09 05	36 09	20 15	19 17	17 16	17 09	17 03	// //	36 11	35 25	34 18	36 26	02 13
Nawab Shah	15 03	14 04	04 03	01 05	04 05	01 09	66 14	06 25	06 29	23 15	23 05	06 05	35 15	34 05	34 05	13 07	13 03	01 05	35 09	35 09	05 11	05 19	03 26	05 15	10 23	10 22
Panjgur		...	...	...	...	...	...	—	—	...	...	—	...	...	...	...	...	...	...	...	...	...	...	—	...	...
Peshawar	...	05 01	06 05	17 08	22 09	20 06	25 13	...	...	...	25 51	35 07	27 06	30 18	32 09	...	04 06	36 03	27 04	31 06	32 07	34 09	35 10	...	...	...
Samungli	...	...	...	...	32 11	30 15	23 22	34 15	35 31	...	...	...	...	...	...	...	...	...	...	06 02	08 01	07 01	// //	28 02	28 05	32 10
Sargodha	...	..	...	...	...	...	...	—	—	18 09	23 12	24 10	20 40	04 03	01 12	34 03	23 03	22 06	21 07	24 12	...	...	—	...	...	...
Sylhet	28 01	25 01	26 01	12 03	11 03	12 06	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Vravale	...	...	...	...	...	...	—	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The actual time of observation may vary within half an hours 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 22	29 19	29 19	29 17	30 17	36 09	05 14	05 19	04 25	07 28	09 25	...	...	...	...			
Peshawar ...	...	35 11	33 10	33 11	32 13	32 15	32 18	31 23	31 23	30 31	27 05	...	...	...	...	...	..	...
Quetta ...																		

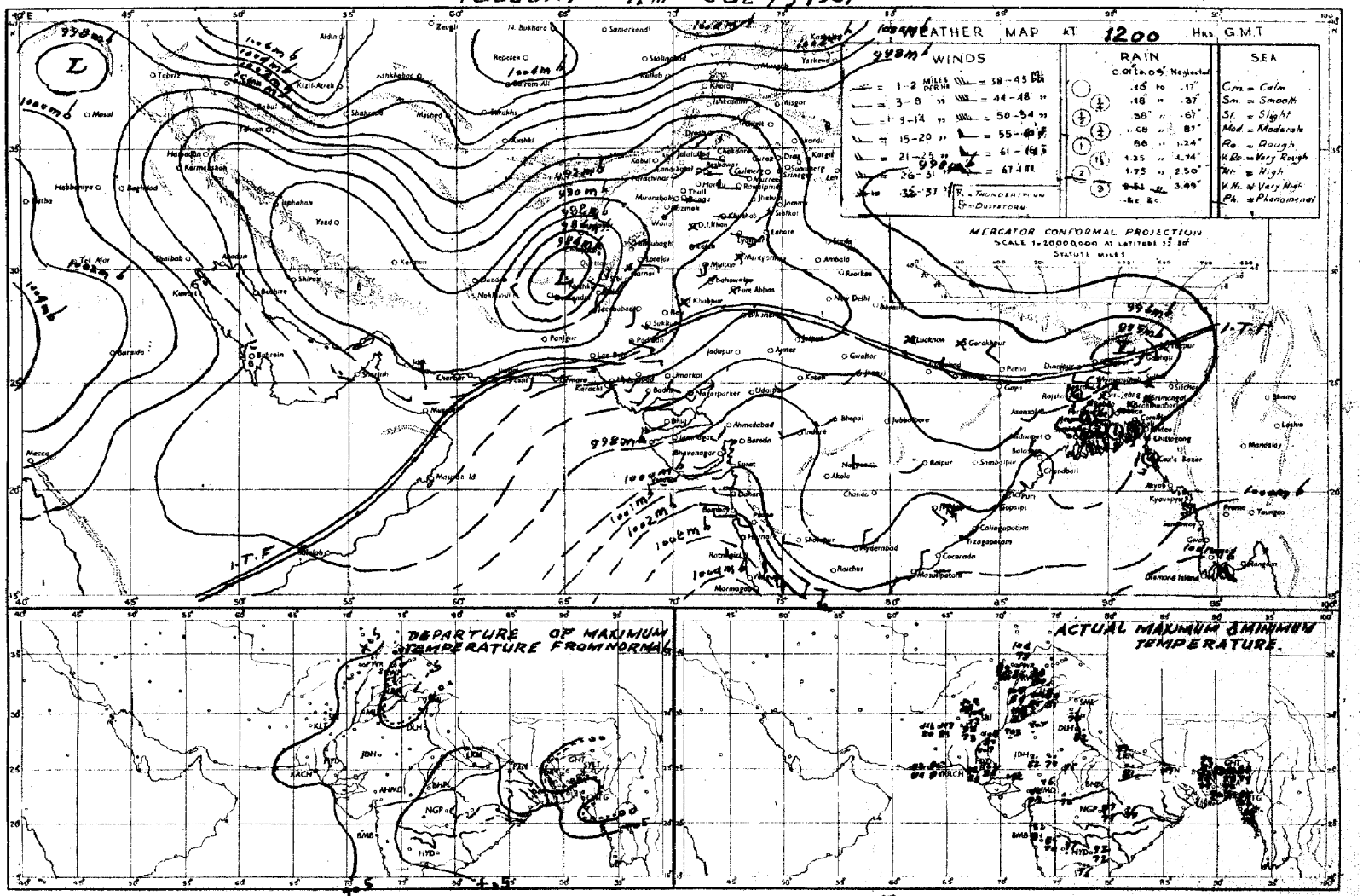
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North throughou East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr 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.

PAKISTAN DAILY WEATHER MAP

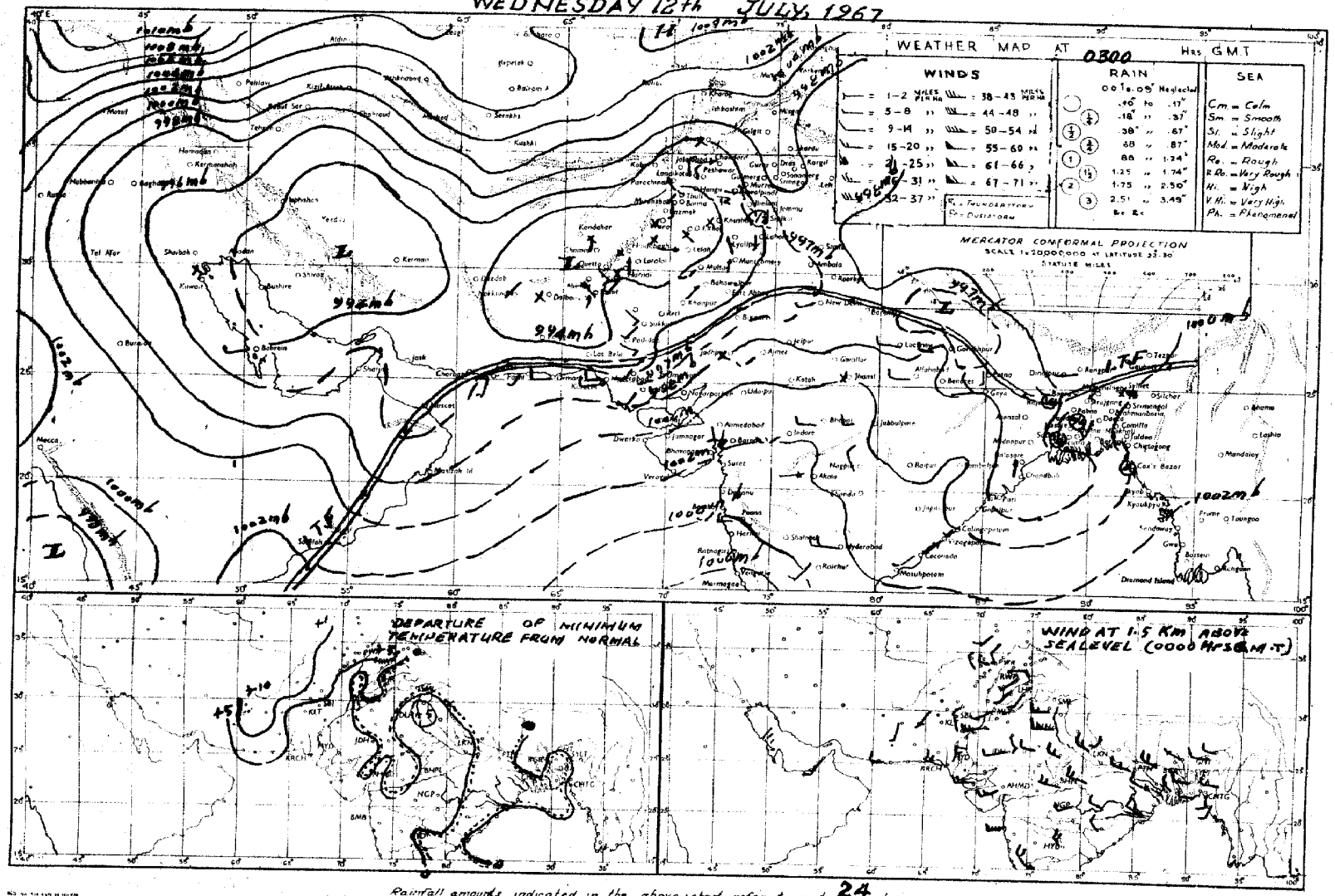
TUESDAY 11th JULY, 1967



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 12th JULY, 1967



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

Pgees 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 21

THURSDAY THE 13th JULY, 1967.

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

A westerly wave is passing across northeast Afghanistan adjoining Peshawar division.

Seasonal trough of low pressure extends from Kalat division to D.I. Khan division. Under their influence local rain/thundershowers have occured in Rawalpindi division, scattered in Lahore, Peshawar and Quetta divisions.

Axis of Monsoon trough runs across Indian Punjab to northweast Bay of Bangal and has caused fairly widespread rain/thundershowers in Chittagong division, scattered in Rajshahi division. A few falls of light rain and a few thunderstorms have also occured in Dacca and Khulna divisions.

Chief amounts of rainfall are: Rangpur 2", (upto 12,000 G.M.T.) Kakul 1½", Brahmanbaria and Rawalpindi 1" each, Rangamati 3/4", Maijdee Court and Murree 1/2" each, Comilla and Sylhet ¼" each.

Day temperatures were 3—6°F (2—3°C) above normal in the country outside Khairpur division.

Forecast valid until the evening of 14th July, 1967:- Fairly widespread rain/thundershowers are likely to occur in Chittagong division, local in Dacca, Rawalpindi divisions and Kashmir, scattered in Quetta. D.I. Khan, Peshawar, Sargodha and Lahore divisions.

Karachi-11
The 13th July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meteorological Services.

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

Divisions	Stations (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 f (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	Rangamati	025	6	7	18	02	96	61		999	85	4	7	5	1	/	79	92
	Cox's Bazar	017	6	6	19	15	97	02	6	985	83	4	4	4	3	2	77	83
	Chittagong	000	0	6	18	14	97	03	2	992	85	5	3	4	3	0	79	88
	Majidee Court	000	0	6	20	05	96	02	2	968	85	4	1	5	1	0	80	87
	Comilla	000	0	6	18	05	96	02	1	976	85	4	4	5	0	0	80	87
	Brahmanbaria	068	1	4	13	02	97	03	6	976	85	5	5	5	0	0	80	90
	Sylhet	011	7	5	00	00	97	09	0	971	85	4	3	5	1	0	77	85
	Srimangal	015	3	6	00	00	96	07	9	977	83	3	5	5	7	2	80	90
Dacca	Mymensingh	000	0	3	00	00	97	01	2	976	87	3	5	6	0	0	79	90
	Narayanganj	000	0	2	13	00	96	01	1	972	87	2	7	4	0	0	80	92
	Dacca (Tejgaon)	000	0	2	00	00	97	01	1	966	87	2	4	4	0	0	79	92
	Faridpur	000	0	5	16	02	97	02	2	947	86	4	3	5	1	0	80	[illegible]
Khulna	Barisal	000	0	3	00	00	96	02	2	029	85	3	7	6	0	0	79	90
	Khulna	000	0	2	01	11	97	01	1	960	90	0	0	7	4	0	77	93
	Satkhira	001	0	4	00	00	96	00	0	955	90	4	0	7	3	0	80	92
	Jessore	000	0	2	18	05	97	01	1	965	90	1	1	5	3	1	79	90
Rajshahi	Pabna	000	0	1	00	00	99	03	0	969	90	1	2	7	0	0	80	90
	Sirajganj	000	0	0	13	03	97	00	2	960	86	0	0	9	0	0	79	87
	Rajshahi	000	0	2	13	02	97	01	1	954	92	1	2	4	0	2	83	92
	Bogra	000	0	3	13	05	96	02	2	965	90	3	5	4	0	1	80	93
	Dinajpur	000	9	6	09	02	96	02	1	954	87	6	5	6	2	/	80	93
	Rangpur	210	6	4	18	02	96	01	8	937	85	4	0	9	1	0	80	87
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	7	00	00	95	06	0	997	00	1	1	6	0	0	71	01
	Sialkot	000	0	8	31	00	96	02	0	993	92	8	5	6	0	0	83	00
Rawalpindi	Jhelum	000	0	7	13	02	96	03	2	932	95	3	0	9	1	6	77	96
	Islamabad																	
	Rawalpindi	000	0	5	13	02	98	02	2	914	96	0	0	9	4	0	78	97
	Campbellpur																	
Sargodha	Khushab	000	0	0	09	02	98	00	0	916	05	0	0	9	0	0	74	05
	Sargodha	000	0	3	16	05	96	95	0	916	00	/	/		/	/	70	07
	Lyallpur	000	0	4	16	02	96	02	0	920	02	4	0	9	4	0	86	06
Multan	Sahiwal	000	0	0	00	00	96	05	0	935	03	0	0	9	0	0	73	04
	Multan	000	0	0	18	10	96	05	0	913	04	0	0	9	0	0	72	05
	Leiah	000	0	0	36	00	98	00	0	990	02	0	0	9	0	0	71	15
Bahawalpur	Khanpur	000	0	0	23	03	96	05	0	919	04	0	0	9	0	0	70	05
	Bahawalpur	000	0	0	00	00	96	00	0	936	03	0	0	9	0	0	75	05
	Fort Abbas	000	0	0	23	05	98	00	0	899	06	0	0	9	0	0	73	07
Peshawar	Chakdara	000	8	1	27	03	91	05	4	883	98	1	1	7	0	0	79	99
	Peshawar	000	0	0	31	03	96	06	0	894	02	0	0	9	0	0	85	03
	Haripur	000	0	0	15	03	97	00	0	969	99	0	0	9	0	0	79	00
D. I. Khan	Bannu	000	0	0	13	01	99	07	0	901	04	0	0	9	0	0	75	05
	D. I. Khan	000	0	6	05	02	97	00	0	917	04	0	0	9	4	0	78	05
Quetta	Sibi	000	0	2	18	03	97	03	1	909	10	6	2	9	2	0	46	12
	Nokkundi	000	0	0	31	07	95	05	0	857	14	0	9	9	0	0	39	16
Kalat	Turbat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jiwani	000	0	6	13	09	95	05	1	945	88	6	0	9	1	0	77	90
	Pasni	000	0	5	18	10	97	03	0	953	91	2	6	5	0	0	76	93
Karachi Division	Ormara	000	0	6	18	05	96	01	2	960	90	2	0	6	3	2	83	92
	Lasbela																	
	Karachi (Manora)	000	0	2	23	05	98	13	0	953	88	0	0	9	0	7	8	91
	Karachi (Airport)	000	0	5	25	12	96	01	1	963	92	5	6	5	0	0	80	93
Hyderabad	Nagarparkar	000	0	0	31	13	96	01	0	951	92	0	0	9	0	0	71	95
	Chore	000	0	5	18	19	96	07	2	949	92	5	5	6	0	0	76	99
	Hyderabad	000	0	4	25	07	97	02	0	934	00	0	0	9	0	2	76	02
	Badin	000	0	4	23	10	98	02	0	975	95	4	4	6	0	0	75	96
Khairpur	Padidan	000	0	1	00	00	96	02	0	914	07	1	0	9	3	0	73	09
	Nawabshah	000	0	0	00	00	96	02	0	925	06	0	0	9	0	0	75	07
	Sukkur	000	0	0	13	02	96	02	0	917	08	0	0	9	0	0	79	09
	Kashmore	000	0	0	18	02	98	02	0	943	07	0	0	9	0	0	73	08
	Jacobabad	000	0	3	18	09	96	05	1	918	05	0	0	9	0	1	79	83
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar **																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu **																	
	Misgar *																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	6	27	03	95	01	1	404	72	6	5	2	0	0	68	77
Peshawar	Drosh *	000	0	0	23	07	96	06	0	397	02	0	0	9	0	0	34	06
	Cherat *	000	0	0	36	03	98	00	0	401	93	0	0	9	0	0	69	95
	Kakul *	000	0	5	16	00	96	06	0	///	92	5	2	5	0	0	87	93
	Landi Kotal *	000	0	0	05	07	96	02	0	387	96	0	0	9	0	0	73	00
	Parachinar *	000	0	1	13	05	96	05	0	389	80	1	1	7	0	0	61	91
D.I. Khan	Miranshah *	000	0	0	07	05	99	00	0	376	01	0	0	9	0	0	76	02
	Wana *	000	0	4	04	04	98	01	0	452	95	4	0	8	2	2	71	98
Quetta	Fort Sandeman *	000	0	4	09	03	97	03	1	382	00	4	1	6	0	0	56	05
	Hindubagh *	000	0	7	05	03	98	03	0	370	00	7	1	5	0	0	70	02
	Loralai *	000	0	6	23	04	96	02	1	366	97	0	0	9	2	0	87	03
	Barkhan *	000	0	0	13	02	97	02	0	466	65	0	0	9	0	0	22	99
	Harnai *	000	0	0	00	00	96	02	0	382	96	0	0	9	0	0	69	99
	Samungli (Quetta) *	000	0	3	31	09	96	07	0	363	00	3	5	6	3	0	54	04
	Chaman *	000	0	0	27	00	98	00	0	385	07	0	0	9	0	0	62	07
	Nushki *	000	0	0	16	05	98	00	0	384	13	0	0	9	0	0	73	15
	Dalbandin *	000	3	5	23	03	94	05	1	363	51	7	5	7	4	0	75	15
Kalat	Kalat *	000	0	6	18	05	98	00	0	384	88	6	5	7	0	0	26	97
	Khuzdar *																	
	Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

At 0300 Hrs. G.M.T. of date (columns 20–36)

Stations	Rainfall in Cents RRR (20)	Past weather commenced at † W1 (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots f (24)	Horizontal visibility VV (25)	Present weather ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths) PPP (28)	Dry Bulb temperature 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)
Rangamati	082	9	7	18	02	96	02	6	047	85	5	7	5	7	/	79	79
Cox's Bazar	016	9	4	18	10	97	03	0	038	85	3	4	4	1	0	79	79
Chittagong	000	0	7	18	05	97	03	1	038	85	3	6	5	4	0	77	79
Majidee Court	050	9	7	13	05	96	03	6	//	82	5	5	5	2	1	81	81
Comilla	020	4	6	18	05	96	02	6	031	80	6	4	4	0	0	80	79
Brahmanbaria	093	3	7	18	05	96	93	6	028	80	7	5	5	0	0	80	80
Sylhet	021	5	8	18	07	96	95	9	027	80	7	9	3	2	/	79	80
Srimangal	015	9	7	18	03	96	03	9	028	83	3	8	5	1	1	79	79
Mymensingh	000	0	7	10	00	97	03	2	022	85	7	5	5	0	0	83	83
Narayanganj	000	0	8	21	04	97	02	2	021	85	8	7	4			80	83
Dacca (Tejgaon)	000	0	8	23	05	97	02	9	025	83	5	5	4	2		80	82
Faridpur	000	0	9	16	02	97	02	2	011	85	6	4	5	1	0	82	77
Barisal	000	0	5	18	07	97	02	2	027	85	5	7	6	0	0	79	73
Khulna	000	0	2	18	05	97	02	2	017	86	0	0	7	4	0	79	77
Satkhira	000	0	2	18	01	96	00	0	012	86	2	2	6	0	0	80	80
Jessore	000	0	7	18	09	97	03	2	021	85	5	4	4	2	0	80	80
Pabna	000	0	7	13	02	98	03	1	013	86	3	4	7	2	0	80	//
Sirajganj	000	0	8	18	03	98	02	2	018	85	8	4	5	0	0	81	80
Rajshahi	000	0	7	36	02	97	03	1	022	86	4	2	4	3		80	80
Bogra	000	0	7	18	05	96	02	2	016	86	4	8	5	3	0	80	80
Dinajpur	000	3	8	00	00	96	02	1	008	87	8	0	7	2		80	82
Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu																	
Lahore (Jail Rd.)	000	0	4	07	03	95	05	0	981	90	1	5	6	7	0	79	87
Sialkot	014	0	8	00	00	96	02	5	975	80	8	5	6	0	0	76	69
Jhelum	002	4	8	00	00	97	03	3	978	81	3	5	6	0		71	74
Islamabad																	
Rawalpindi	100	6	8	05	02	99	01	2	975	79	8	0	9	1	0	73	74
Campbellpur																	
Khushab	000	0	9	09	03	98	00	0	972	89	0	0	9	0	0	76	75
Sargodha	000	0	0	16	03	96	06	0	962	93	0	0	9	0	0	73	84
Lyallpur	000	0	0	16	02	96	00	0	955	93	0	0	9	0	0	81	89
Sahiwal	000	0	0	18	02	96	02	0	971	91	0	0	9	0	0	73	86
Multan	000	0	0	18	12	96	05	0	964	91	0	0	9	0	0	75	87
Leiah	000	0	1	16	02	97	31	0	891	//	1	0	9	0	0	32	80
Khanpur	000	0	0	23	05	96	05	0	972	87	0	0	9	0	0	74	84
Bahawalpur	000	0	0	23	02	96	00	6	982	83	0	0	9	0	0	75	86
Fort Abbas	000	0	4	33	02	98	00	05	943	96	0	0	9	0	4	72	87
Chakdara	000	0	5	05	03	97	01	1	873	76	5	0	9	7	0	71	73
Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bannu	000	0	0	00	00	99	07	0	954	88	0	0	9	0	0	81	84
D. I. Khan	000	0	0	13	02	98	00	0	954	91	0	0	9	0	0	77	85
Sibi	000	0	4	23	03	97	03	1	971	94	4	2	9	4	2	44	92
Nokkundi	000	0	0	05	03	95	05	0	917	00	0	0	9	0	0	47	94
Turbat	000	0	0	00	00	98	02	0	997	87	0	0	9	0	0	80	85
Jiwani	000	0	7	13	03	96	01	2	997	85	3	6	4	7	0	78	83
Pasni	000	0	6	00	00	97	02	1	988	85	0	0	9	0	7	78	83
Ormara	000	0	7	27	02	96	02	2	[illegible]	86	4	2	5	3	0	92	//
Lasbela																	
Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi (Airport)	000	0	7	27	16	96	03	1	989	86	7	6	4	0	0	80	84
Nagarparkar	000	0	0	31	03	96	01	0	989	85	0	0	9	0	0	78	83
Chore	000	[illegible]	6	20	12	11	01	0	977	87	1	5	6	0	0	76	//
Hyderabad	000	0	3	23	07	97	03	0	982	87	3	5	6	0	0	80	62
Badin	000	0	6	18	14	98	02	0	996	84	6	6	6	0	0	78	63
Padidan	000	0	2	13	07	96	03	0	970	87	2	0	9	7	0	75	85
Nawabshah	000	0	1	13	12	96	01	0	972	88	1	0	9	3	0	77	85
Sukkur	000	0	0	13	05	95	02	0	970	87	0	0	9	0	0	77	84
Kashmore	000	0	0	50	00	98	02	0	974	87	0	0	9	0	0	75	86
Jacobabad	000	0	2	13	05	96	05	0	948	89	3	0	9	3	0	77	86
Veraval																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	055	9	7	27	01	97	02	9	430	67	7	5	9	0	0	63	60
Drosh	000	0	0	00	00	96	06	0	411	86	0	0	9	0	0	43	81
Cherat	000	0	2	36	02	98	01	0	432	75	3	0	7	1	0	61	72
Kakul	160	7	8	31	05	97	21	9	476	71	8	4	6	/	/	65	64
Landi Kotal	000	0	0	34	03	94	02	0	416	83	0	0	9	0	0	70	76
Parachinar	000	0	0	13	02	96	05	0	422	81	0	0	9	0	0	63	73
Miranshah	000	0	0	05	05	99	00	0	416	88	0	0	9	0	0	69	83
Wana	000	0	0	00	00	99	00	0	478	81	0	0	9	0	0	//	81
Fort Sandeman	005	9	8	00	00	98	03	9	415	79	0	0	6	3	0	69	78
Hindubagh	000	0	0	00	00	98	02		476	78	0	0	9	0	0	67	76
Loralai	000	0	0	09	02	97	00	0	410	79	0	0	9	0	0	70	71
Barkhan	000	0	0	13	02	98	02	0	477	52	0	0	9	0	0	14	35
Harnai	000	0	0	00	00	97	02	0	406	90	0	0	9	0	0	71	86
Samungli (Quetta)	000	0	2	13	05	96	06	1	415	82	1	5	6	3	0	62	76
Chaman	000	0	4	23	00	98	02	0	407	91	0	0	9	0	4	69	86
Nushki	000	0	0	31	05	98	00	0	385	99	0	0	9	0	0	67	97
Dalbandin	000	0	0	23	02	94	05	1	404	93	0	0	9	0	0	70	82
Kalat	000	0	0	18	02	98	00		436	78	0	0	9	0	0	31	64
Khuzdar																	
Panjgur	000	0	4	00	00	95	05	0	407	86	2	5	7	3	0		82

Departure from Normal of / Rainfall (columns 37–42)

Stations	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1967 to-date (39)	Departure from normal (40)	Since 1st January 1967 to-date (41)	Annual Normal (42)
Rangamati	—	—	—	—	—	—
Cox's Bazar	— 3	+ 2	55,3	+ 9.4	66.4	140
Chittagong	— 1					108
Majidee Court	+ 1	+ 3	33 1	+ 3.9	51,8	115
Comilla	— 1	+ 7				94
Brahmanbaria		—	22,7	+ 3,7	44,5	78
Sylhet	—	—				
Srimangal	0	+ 3	19.9	— 4.9	43,4	98
Mymensingh	+ 2	+ 5	—	—	—	
Narayanganj	+ 3	+ 4	—	—	—	91
Dacca (Tejgaon)	—	—	7,5	—	37,2	74
Faridpur	+ 6	— 1	30.7	+ 2.7	28.1	71
Barisal	+ 3					81
Khulna	+ 5	—	—	—	—	68
Satkhira	+ 2	+ 2	—	—	—	65
Jessore						65
Pabna	— 1	— 2	19,5	—	2,2	59
Sirajganj	+ 3	+ 2	16.1	— 1,3	33,7	64
Rajshahi	— 3	+ 1	—	..	—	—
Bogra	+ 3	+ 4	18.9	— 2.1	32,8	69
Dinajpur						72
Rangpur						84
Jammu						
Lahore (Jail Rd.)	+ 1	+ 7	1.9	— 2,0	6,1	—
Sialkot	+ 2	— 1	—	—	—	19
Jhelum	—	—	1,9	—	8,0	32
Islamabad						
Rawalpindi	— 1	— 3	2,9	— 2.1	13.7	—
Campbellpur	+ 2					38
Khushab	—	— 7	0,4	— 2.3	6.9	15
Sargodha	—	—	0	—	3.0	—
Lyallpur	+ 4	+ 7	0.1	— 2,3	4,3	12
Sahiwal	+ 1	+ 2	2.9	+ 0,6	6.7	10
Multan	+ 3	+ 2	0:1	— 1,2	2,3	7
Leiah	0	—	0	—	0	8
Khanpur	—	+ 1	0	— 1,3	1.6	8
Bahawalpur	+ 2	+ 2	0,3	— 0,9	1,9	6
Fort Abbas	—	—	—	—	—	8
Chakdara	—	—	0.7	—	17,7	—
Peshawar	+ 1					11
Haripur	—					—
Bannu	—	—	0,0		3.0	11
D. I. Khan	+ 1	+ 2	0.5	— 0,9	4.5	9
Sibi	—	—	0.7	—	5.0	5
Nokkundi	—	—	0	—	0,9	2
Turbat	—	—	—	—	— 1	—
Jiwani	—	—	0	—	1.1	5
Pasni	+ 1	+ 5	0	— 0,4	0.0	6
Ormara	—	—	0	— 0,1	0,7	6
Lasbela	—					8
Karachi (Manora)	+ 2					8
Karachi (Airport)	—					
Nagarparkar	—	—	3,2	—	9,3	—
Chore	—	—	—	—	—	—
Hyderabad	+ 3	+ 3	1,3	— 0,1	3,3	7
Badin	+ 1	+ 2	0,3	— 2 0	2,1	9
Padidan	—	—	0,7	—	7,5	—
Nawabshah	—	—	1,1	—	2,1	—
Sukkur	—	—	0,1	—	0,8	4
Kashmore	—	—	1,2	—	1,1	—
Jacobabad	— 3	+ 1	0	— 5.6	1.5	4
Veraval						
Srinagar						20
Gulmarg						24
Sonamarg						—
Dras						71
Leh						28
Skardu						3
Misgar						6
Aliabad						—
Gilgit						5
Murree	+ 3	+ 1	3.5	— 5.1	30.9	59
Drosh	+ 9	+ 8	0,6	—	17.1	18
Cherat	+ 6	+ 1	2 1	0,3	15,5	29
Kakul	—	—	4,9		26,4	—
Landi Kotal	—	—	0.7	—	18,6	—
Parachinar	+ 4	+ 7	4.8	—	20.5	29
Miranshah	—	—	0,6	—	2,7	13
Wana	—	—	0,9	—	5:7	11
Fort Sandeman	+ 5	—	0,3	— 1,1	10.9	11
Hindubagh	—	—	0	—	5,8	—
Loralai	—	—	0,1	—	4 9	9
Barkhan	—	—	0	—	0	—
Harnai	—	—	1,7	+ 0.2	10.5	14
Samungli (Quetta)	—	—	0	— 0,1	7,5	9
Chaman	+ 5	+ 1	0	— 0.0	4.2	8
Nushki	—	—	0	—	3.8	—
Dalbandin	+ 6	+ 4	0	— 0,0	1,8	4
Kalat	+ 6	+ 2	0	— 0.5	6.3	7
Khuzdar						
Panjgur	—	—		—	—	5

† 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. is rainfall since 0000 hrs. G.M.T. of the same day

Whenever given for RRR see the summary above is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 13th JULY, 1967.

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 $T_sT_sT_dT$	$I d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Ocean Energy	43 175	112 00	5 25 12	97 02 1	034 28	34 / 3/	...	...	...	...
Ocean Energy	43 185	706 06	5 25 13	96 05 2	002 29	53 3 40	...	...	...	...
Dacca City	43 214	687 06	7 27 32	97 03 2	044 88	72 6 1		...	...	...
Avedrcht	43 189	602 12	8 23 25	97 02 2	950 28	87 4 //	45 / //	00 8 25	12 3 33	12 3 46
BAY OF BENGAL										
H.k..mar..	43 569	570 36	7 21 21	97 02 1	028 27	78 4 0/	05 1 25	12 1 3		...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isoboric Levels: Surface PPPT TT_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 $T_dT_dT_d$								HHH TTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...	—													
Chittagong ...	00 00	999 255 252	...	...	140 208 208	...	309 125 999	...	580 /// ///	...	...	...	...	...
Dacca ...	00 00	999 285 272	...	.	140 175 999	...	304 080 999	...	576 105 999	...				
Jiwani ...	00 00	990 272 155		...	140 258 999	...	309 168 999	...	572 565 999	753 675 999	964 768	247 9o8	440 002	...
Karachi ...	00 00	995 292 245		...	140 225 999	...	306 145 999	...	580 575 999	751 648 999	963 788	230 020	421 155	...
Lahore ...	00 00	970 335 275	...	...	141 265 232	...	309 158 135	...	584 520 999	759 598 999			...	...
Multan ...	00 00	981 318 232	...	...	140 292 158	...	310 222 108	...	591 039 999	772 530 999	994 650	295 670	...	...
Peshawar ...	00 00	095 312 272	...	...	140 292 278	...	309 192 999	...	589 042 999	768 542 999	999 665		...	—
Quetta ...	00 00	813 245 215	—	...	/// /// ///	...	310 225 999	...	594 075 999	774 535 999	997 650	299 918	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 830 230	800 162 162	600 70/ ///		...	...	—	...	...	500 /// ///	...	...
Dacca ...	00 00	900 200 ///	600 170 ///	600 30/ ///	350 710 ///	250 880 ///	...	...	...	...	250 880 ///	...	...
Jiwani ...	00 00	900 250 ///	800 240 ///	600 60/ ///	350 710 ///	250 830 ///	...	...	...	...	150 002 ///	...	...
Karachi ...	00 00	900 210 ///	800 220 ///	600 60/ ///	350 720 ///	250 880 ///	—	...	...	—	150 155 ///	...	...
Lahore ...	00 00	900 292 225	800 238 208	600 062 999	350 640 999			...	...	...	350 640 999	...	...
Multan ...	00 00	900 302 175	800 275 142	600 172 035	350 600 ///	250 710 ///	185 780 ///	...	...	...	185 780 ///	—	...
Peshawar ...	00 00	900 315 285	800 260 ///	600 720 ///	350 600 ///			...	...	...	300 665 ///	...	...
Quetta ...	00 00	/// /// ///	800 250 ///	790 260 ///	600 160 ///	428 000 ///	850 559 ///	250 770 ///	..	...	200 918 ///	...	...

P P—Pressure in hundreds tens and units of millibars.

TT T; 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. → 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
Bogra	18 07	29 02	29 04	30 08	32 08	32 09	16 05	16 08	09 03
Chaklala	...	14 06	15 05	26 06	26 11	27 10	...	—	...
Chhor	19 22	20 15	23 13	...	...	...	...	...	...
Chittagong	...	...	...	...	...	...	...	...	...
Cox's Bazar	16 15	17 11	27 08	23 07	21 09	19 14	...	...	...
Dacca	23 04	24 03	21 03	32 01	15 02	14 06	07 06	11 13	09 17
Dalbandin	...	...	25 03	22 06	28 07	29 06	30 06	35 09	35 16
D. I. Khan	...	...	—	...	...	...	...	—	...
Drosh	...	..	..	...	21 05	19 04	05 05	31 10	31 17
Fort Sandeman	...		...	14 05	13 03	30 03	...	...	...
Jacobabad	15 11	15 08	14 08	14 05	07 05	08 06	04 10	36 21	36 25
Jessore	18 08	19 07	24 04	32 10	35 07	...	...	...	
Jhelum	14 06	14 08	14 08	23 06	28 12	32 10	35 14	...	
Jiwani	16 10	17 08	18 07	25 03	32 07	02 09	05 11	32 22	35 17
Karachi	24 25	25 29	28 27	...	...	...	...	...	—
Khanpur	19 05	21 04	21 04	04 04	06 10	03 04	01 19	03 14	03 23
Lahore	07 01	08 04	10 04	17 03	24 08	...	...	...	...
Multan	20 14	49 17	18 15	16 13	12 06	02 14	36 27	35 34	01 17
Nawab Shah	34 03	08 04	15 03	15 23	04 06	05 16	05 25	06 17	06 19
Panjgur		...	...	...	...	...	...		
Peshawar	...	05 10	09 07	17 13	19 12	30 19	34 15	31 09	07 02
Samungli	...	...	...	...	08 09	22 04	28 08	27 06	27 13
Sargodha	15 04	18 06	18 06	21 10	22 12	...	...	—	...
Sylhet	34 03	28 06	27 06	22 07	22 12	...	...	...	...
Vravale	...	...	...	...	...	—	...	—	..

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
Bogra	20 10	21 11	22 10	25 08	31 08	32 08
Chaklala	...	47 10	09 17	32 05	09 03	...
Chhor	21 24	23 24	23 09	18 18	18 16	
Chittagong	18 17	18 11	18 09	21 09		
Cox's Bazar	17 18	17 15	17 13	20 12	27 12	25 09
Dacca	21 10	22 07	27 06	27 03	33 06	...
Dalbandin	...	...	17 09	02 03	03 09	01 21
D. I. Khan	...	...	...	...	...	...
Drosh	...		..	...	...	...
Fort Sandeman	...	...	..	07 04	15 03	13 05
Jacobabad	16 14	17 10	14 07	05 04	31 03	23 02
Jessore	22 12	22 09	23 07	19 01	35 07	03 07
Jhelum	02 07	36 10	01 03	27 16	...	...
Jiwani		...	..	.	...	...
Karachi	...	...		...	...	..
Khanpur	21 17	21 18	20 19	20 19	22 14	
Lahore	18 09	23 13	25 13	27 12	30 10	
Multan	19 20	19 17	20 16	20 13	04 07	02 06
Nawab Shah	20 10	20 07	14 03	02 09	01 10	23 16
Panjgur	...	...		...	...	
Peshawar	...	20 07	08 03	22 09	31 03	33 16
Samungli		...	...	...	...	
Sargodha	22 07	23 10	23 13	23 10	14 03	06 07
Sylhet	29 13	21 07	21 04	21 13	...	—
Vravale	...	...	...		...	...

At 0600 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	5.4	5.4	6.0	7.2	0.9
	17	18	19	20	21	22	23	24	25	26	27
Bogra	20 09	21 13	22 12	24 08	28 08	30 12					
Chaklala	...	14 04	14 05	24 07	24 09	...	...	—	...	...	...
Chhor	21 12	...	...	...	...	...	...	...	...	...	...
Chittagong				...	...	...	...	...	...	...	...
Cox's Bazar	18 13	18 15	19 14	20 13	31 13	18 12	...	...	...	...	...
Dacca	19 13	18 13	19 09	...	...	...	...	...	...	...	...
Dalbandin	...	...	24 05	25 05	04 04	01 17	36 13	34 07	34 07	30 03	—
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...			...	—	...	—	...
Fort Sandeman		...		28 08	27 07	23 09	...			...	...
Jacobabad	13 12	15 08	15 07	15 07	04 04	36 03	04 18	05 21	04 27	04 18	06 15
Jessore	20 11	20 11	22 10	25 09	26 07	07 10	08 09	10 13	09 12	11 15	...
Jhelum	08 05	17 04	19 05	25 10	27 13	30 13	33 18	32 22	...	...	...
Jiwani	12 07	18 02	11 03	17 56	...	...	...	...	...	...	...
Karachi	36 12	27 14	...	...	...	...	...	...	...	...	
Khanpur	19 09	20 08	19 10	14 04	15 09	03 11	// //	04 30	05 26	07 23	
Lahore	12 12	17 06	24 05	27 07	24 08		...	...		...	..
Multan	18 23	19 12	19 17	16 26	15 14	10 07	04 20	03 27	00 28	36 23	27 16
Nawab Shah	17 06	06 04	06 04	01 30	02 13	03 19	02 29	03 39	01 36	...	...
Panjgur	...	...	...	31 09	35 13	36 19	05 21	...	—	...	..
Peshawar	...	07 03	// //	// //	23 07	36 10		..	—	...	...
Samungli		...	...	...	25 05	24 17	31 21	...	...	...	...
Sargodha	23 03	21 04	20 06	20 09	29 03	33 09	...	—	...	...	...
Sylhet	...	...	...	...	...	...	...	...	...	...	...
Vravale	...	...	...	...	...	...	...	...	...	...	...

* The actual time of observation may vary within half an hours of the specified time.

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

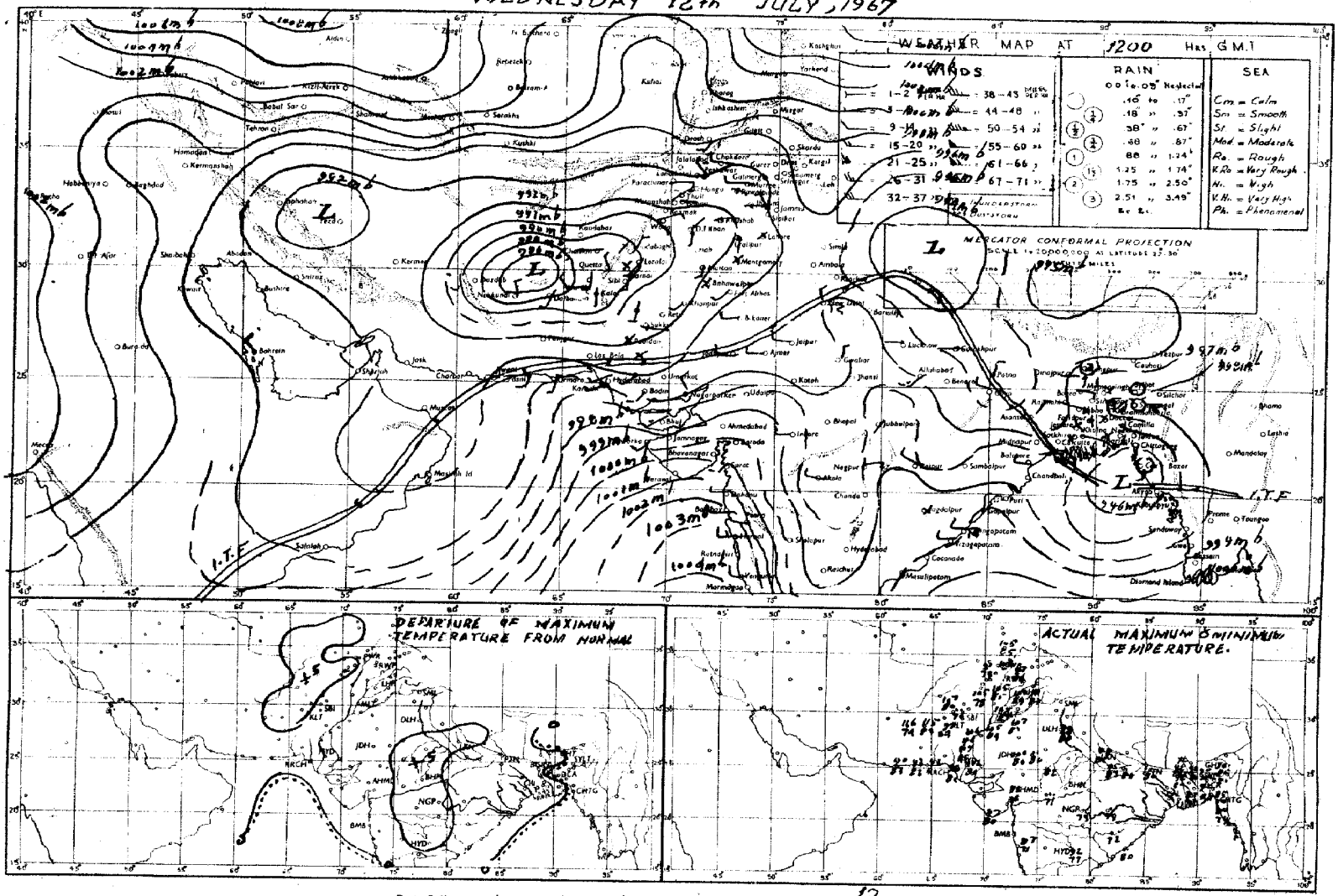
Height in g.p. Kms a.s.l. → STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong —																		
Dacca —																		
Karachi —	25 29	27 21	29 20	30 15	06 07	06 14	04 22	04 29	05 27	08 48	11 19	11 25	07 32	...	...			
Peshawar ...	...	05 07	34 06	33 03	33 01	30 02	29 03	33 04	33 08	35 15	28 27	...	...		...	...	...	...
Quetta ...																		

* The first two figures in each column give the wind direction "dd" in tens in 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 Cdd vrvr etc.)

PAKISTAN DAILY WEATHER MAP

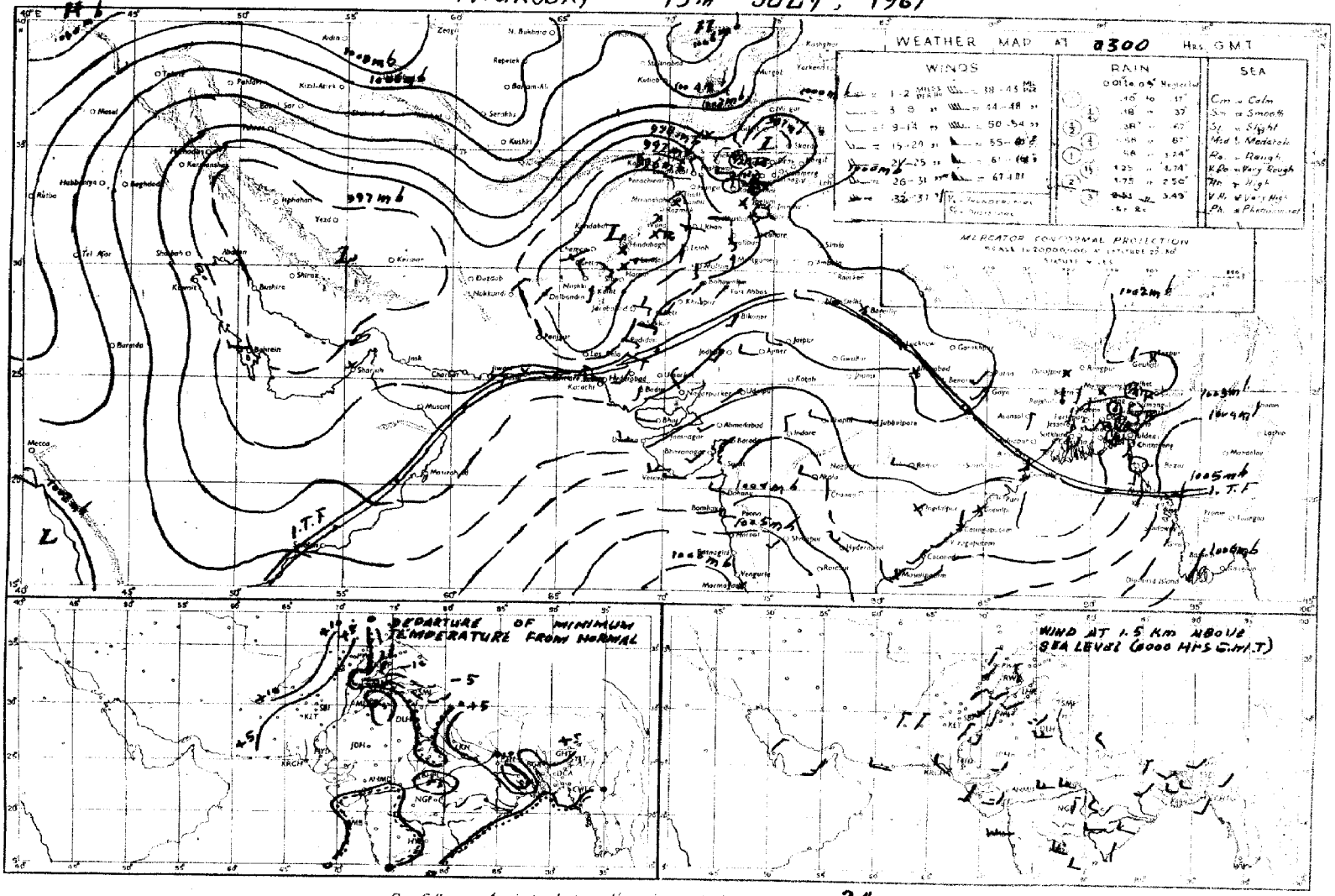
WEDNESDAY 12th JULY, 1967



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

THURSDAY 13th JULY, 1967



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

Pgees 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

FRIDAY THE 14th JULY, 1967.

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

Yesterday's westerly wave is moving away across north of of Kashmir.

Another lies north of Afghanistan. Seasonal trough of low pressure continues to extend from Kalat division to D. I. Khan division. Under their combined influence scattered rain/thundershowers have been reported from Peshawar division. A few falls of light rain and a few thunderstorms have also occured in Rawalpindi, Sargodha, Multan, D. I. Khan and Quetta divisions.

Axis of monsoon trough runs across Uttar Pradesh to north west Bay of Bengal. It has caused local rain/thundershowers in Chittagong division and scattered in Dacca and Rajshahi divisions.

Chief amounts of rainfall are Mymensingh 3", Sylhet ½", Rangamati, Comilla and Dinajpur ½" each.
Day temperatures were 3—8 °F (2—4 °C) above normal practically in whole country.

Forecast valid until the evening of 15th July, 1967:- Fairly widespread rain/thundershowers are likely to occur in Chittagong division, local in Dacca division and scattered elsewhere over East Pakistan, Kashmir, Quetta, Peshawar, Rawalpindi, Lahore and Multan divisions.

Karachi-11
The 14th July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meteorological Services.

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

DIVISIONS	STATIONS (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 f (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	Rangamati	000	0	7	18	09	97	03	1	019	88	6	7	5	7	9	81	54
	Cox's Bazar	002	0	7	19	08	96	03	2	007	85	3	4	4	2	1	81	86
	Chittagong	000	0	7	18	10	97	02	2	014	85	5	3	5	4	/	81	90
	Majidee Court	000	0	8	00	00	95	03	2	993	85	4	4	4	1	0	81	85
	Comilla	020	0	6	00	00	96	02	6	009	85	6	4	5	8	0	79	//
	Brahmanbaria	000	0	7	18	02	97	02	1	002	85	2	5	5	2	0	79	88
	Sylhet	045	9	6	00	00	96	17	9	999	82	7	9	4	2	/	79	88
	Srimangal	000	0	7	00	00	96	07	0	004	82	0	0	9	2	2	79	88
Dacca	Mymensingh	290	1	8	00	00	94	81	6	013	79	7	9			/	79	90
	Narayanganj	000	0	7	23	02	96	02	2	995	85	4	7	4	3	1	79	90
	Dacca (Tejgaon)	000	0	6	18	05	97	02	3	994	86	1	1	5	4	1	79	90
	Faridpur	000	0	1	16	02	97	02	2	958	86	4	5	5	1	0	81	90
Khulna	Barisal	000	0	3	18	02	96	02	2	994	88	3	7	6	0	0	77	92
	Khulna	000	0	2	18	05	97	02	1	989	90	0	0	7	4	0	81	95
	Satkhira	000	0	2	00	00	96	00	0	956	92	2	0	7	2	0	81	9[illegible]
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi	Pabna	000	0	4	18	05	98	02	0	989	88	4	0	9	3	0	81	92
	Sirajganj	000	0	8	18	03	97	02	2	985	86	8	0	8	1	0	81	90
	Rajshahi	000	0	7	13	02	97	03	1	986	90	3	2	4	7	4	85	94
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinajpur	000	9	8	00	00	96	02	2	987	90	8	0	7	2	.	82	92
	Rangpur	016	8	7	23	02	96	03	6	936	82	7	0	9	2	0	79	84
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	9	13	03	95	06	1	959	97	4	0	9	2		77	99
	Sialkot	000	0	8	31	01	96	00	0	959	92	0	0	9	0		81	11
Rawalpindi	Jhelum	002	9	7	13	02	96	01	3	959	95	6	0	9	1	1	75	8
	Islamabad																	
	Rawalpindi	000	0	8	13	02	98	02	2	951	93	0	0	9	9	0	76	96
	Campbellpur																	
Sargodha	Khushab	000	0	0	09	02	97	08	3	///	93	0	0	9	0	0	79	06
	Sargodha	000	1	8	36	24	93	98	1	/	95	4	9	6	2	1	70	0[illegible]
	Lyallpur	000	0	0	16	03	97	00	0	959	02	0	0	9	0	0	79	05
Multan	Sahiwal	000	0	0	18	02	96	02	0	951	04	0	0	9	0	0	71	04
	Multan	000	0	0	18	09	96	06	0	944	03	0	0	9	0	0	66	06
	Leiah	000	0	1	18	02	98	30	0	893	13	1	0	9	0	0	32	17
Bahawalpur	Khanpur	000	0	0	00	00	96	05	0	943	05	0	0	9	0	0	67	05
	Bahawalpur	000	0	0	00	00	96	00	0	955	01	0	0	9	0	0	69	03
	Fort Abbas	000	0	0	23	03	98	00	0	892	07	0	0	9	0	0	75	08
Peshawar	Chakdara	000	0	6	27	03	97	03	1	629	96	9	6	0	7	0	78	99
	Peshawar	000	0	7	23	10	96	05	1	944	97	2	9	6	1	0	71	..
	Haripur	000	0	0	23	02	97	00	0	946	99	0	0	9	0	0	72	01
D. I. Khan	Bannu	005	0	1	23	02	99	07	0	927	04	0	0	9		/	74	04
	D. I. Khan	000	2	4	13	05	98	02	0	933	00	0	0	9	3	0	8[illegible]	04
Quetta	Sibi	000	0	4	13	03	97	03	1	937	04	4	2	9	4	2	39	12
	Nokkundi	000	0	0	31	26	93	07	0	888	13	0	0	9	0	0	43	14
Kalat	Turbat	000	0	0	23	03	98	02	0	950	07	0	0	9	0	0	82	37
	Jiwani	000	0	0	18	09	96	05	0	963	88	0	0	9	0	0	79	90
	Pasni	000	0	6	18	18	97	02	1	973	91	1	6	5	0	2	77	93
Karachi Division	Ormara	000	0	5	23	16	96	03	0	977	90	3	0	9	6	3	85	94
	Lasbela	//	0	1	16	02	97	00	0	962	98	0	0	7	0	0	84	10
	Karachi (Manora)	000	0	6	23	09	97	03	2	951	89	0	0	9	0	7	81	9[illegible]
	Karachi (Airport)	000	0	7	25	12	96	03	2	978	89	7	6	4	0	0	81	92
Hyderabad	Nagarparkar	000	0	0	31	11	97	03	1	967	99	0	0	9	0	0	64	92
	Chore	000	0	3	23	12	96	07	0	974	94	3	0	6	0	0	75	97
	Hyderabad	000	0	0	23	07	97	01	0	966	97	0	0	9	0	0	83	00
	Badin	000	0	5	23	18	98	02	0	004	91	5	6	6	0	0	78	94
Khairpur	Padidan	000	0	[illegible]	13	07	96	01	0	940	05	1	0	9	3	0	68	08
	Nawabshah	000	0	0	13	21	96	07	0	953	01	0	0	9	0	0	77	0[illegible]
	Sukkur	000	0	0	13	02	96	02	0	931	06	0	0	9	0	0	77	06
	Kashmore	000	0	0	18	02	98	02	0	940	04	0	0	9	0	0	71	05
	Jacobabad	000	0	0	18	07	97	05	0	945	05	0	0	9	0	0	76	05
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu **																	
	Misgar *																	
	Aliabad *																	
	Gilghit *																	
Rawalpindi	Murree *	000	0	8	29	03	96	03	1	436	73	8	5	3	1	1	69	78
Peshawar	Drosh *	000	0	1	23	12	98	02	0	380	99	1	/	7	0	0	45	06
	Cherat **	000	0	8	36	03	96	03	1	319	89	8	4	5	0	0	73	93
	Kakul **	003	0	8	18	02	95	21	2	422	80	7	9	5	6	/	70	87
	Land-kotal **	000	0	8	09	05	94	01	8	409	88	8	7	6	/	/	69	97
	Parachinar *	000	0	6	13	03	96	17	9	415	87	4	9	6	7	0	57	90
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	376	01	0	0	9	0	0	76	02
	Wana *	000	2	5	03	01	98	01	5	489	97	5	0	8	2	3	74	97
Quetta	Fort Sandeman *	000	0	8	13	13	98	03	0	427	88	8	3	5	0	0	56	01
	Hindubag *	000	0	7	13	03	89	03	0	384	01	7	8	5	0	0	69	00
	Loralai **	000	0	6	31	02	96	17	1	399	95	4	2	8	2	0	83	97
	Barkhan **	000	0	0	13	02	97	02	0	466	65	0	0	9	0	0	22	99
	Harnai **	000	0	0	00	00	96	02	0	403	97	0	0	9	0	0	79	98
	Samungli (Quetta) **	000	1	7	13	03	96	21	6	387	95	7	3	6	0	0	53	03
	Chaman *	000	0	4	27	00	98	02	0	385	07	0	0	9	0	5	67	08
	Nushki *	000	0	0	00	00	98	00	0	374	15	0	0	9	0	0	72	16
	Dalbandin *	000	3	5	23	03	95	05	1	397	13	3	5	7	3	0	77	19
Kalat	Kalat *	000	0	6	18	09	98	00	0	444	86	6	6	7	0	9	35	94
	Khuzdar **																	
	Panjgur *	000	0	2	00	00	95	05	0	399	11	2	0	9	5	0	47	16

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

DIVISIONS	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † W1 (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots f (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths) PPP (28)	Dry Bulb temperature 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 1967 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1967 to-date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	000	0	6	18	02	58	03	/	052	88	3	8	6	7	/	81	81	—	—	—	—	—	—
	Cox's Bazar	028	9	6	18	12	97	03	6	040	84	3	9	4	3		79	79	0	+ 7	55,6	+ 6,9	66.7	149
	Chittagong	000	0	6	13	12	97	02	2	041	84	3	8	4			79	81	+ 4	+ 4	33,9	+ 2,5	46.7	108
	Majidee Court	010	9	8	10	03	96	03	2	035	82	4	5	5	2	1	81	81	— 1	+ 3	33 1	+ 3.3	54,8	115
	Comilla	020	9	0	18	05	96	02	1	030	85	5	4	5	0	0	79	81	—	+ 3	—	—	—	94
	Brahmanbaria	000	0	6	1[illegible]	03	97	03	1	033	85	4	5	5	0	8	79	70	—	—	72,7	+ 3,3	44,5	78
	Sylhet	045	0	8	18	09	96	03	2	029	85	6	5	9	3	/	79	81	—	—	—	—	—	—
	Srimangal	000	0	0	00	00	//	//	/	035	8[illegible]	5	5	5	3	2	79	79	— 2	+ 3	19,9	— 5.4	47,4	98
Dacca	Mymensingh	3[illegible]0	9	4	00	00	97	02	3	031	85	4	4	6	0	0	82	79	+ 2	+ 1	—	—	—	91
	Narayanganj	000	0	5	13	02	97	02	3	030	86	4	7	4	3		79	81	+ 1	+ 7	—	—	—	74
	Dacca (Tejgaon)	000	0	6	13	02	97	02	2	027	84	5	8	4	3	0	79	81		—	7,5	—	37,2	—
	Faridpur	000	0	3	16	02	97	01	1	021	86	2	4	5		0	82	79	+ 2	+ 1	20.7	+ 2.3	28,1	71
Khulna	Barisal	000	0	7	19	02	97	03	2	027	90	5	4	4	2	0	80	//	+ 5	/	—	—	—	81
	Khulna	000	0	2	09	00	97	01	1	027	88	0	0	7	4	0	81	82	+ 7	+ 4	—	—	—	68
	Satkhira	000	2	0	00	00	96	00	0	011	81	2	0	9	2	0	81	81	+ 7	+ 3	—	—	—	65
	Jessore	000	0	6	36	15	97	01	2	024	88	4	6	3	0	9	81	81	—	—	—	—	—	65
Rajshahi	Pabna	000	0	4	13	05	98	00	1	035	86	4	4	7	0	0	81	81	—	—	19,5	—	20,2	59
	Sirajganj	000	0	5	18	03	98	02	2	025	84	4	4	5	3	0	81	81	— 2	+ 3	16.1	— 1,6	33,7	64
	Rajshahi	000	0	7	23	03	97	03	2	017	85	7	7	4			81	81	+ 5	+ 3	—		—	—
	Bogra	000	0	6	13	05	96	02	2	024	86	4	5	4	2	0	81	81	—	+ 2		—	—	69
	Dinajpur	216	3	7	00	00	96	02	2	012	85	7	5	6	/		81	89	+ 3	+ 3	20,8	— 0.5	34,7	72
	Rangpur	016	0	6	23	02	96	01	4	993	84	6	0	9	2	0	81	79	— 5			—	—	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	3	23	03	95	05	0	984	90	3	0	9	3	0	77	84	— 1	+ 4	1.9	— 2,1	6,1	19
	Sialkot	000	0	4	00	00	97	01	1	985	83	6	4	3	0	0	80	76	+ 13	— 4	3,0	— 4.1	7,1	33
Rawalpindi	Jhelum	002	9	3	00	00	96	00	2	985	90	0	0	9	0	1	77	81	—	—	1,9	—	8,0	—
	Islamabad																							
	Rawalpindi	000	5	6	00	00	98	01	5	982	89	0	0	9	0	7	74	79	— 2	+ 2	2,9	— 2.4	13.7	34
	Campbellpur																							—
Sargodha	Khushab	000	0	0	05	03	98	00	1	988	90	0	0	9	0	0	83	73	+ 3	— 9	0,4	— 2 4	6,9	15
	Sargodha	000	9	0	05	03	96	05	9	997	88	0	0	9	0	0	80	83	—	—	0	—	3.6	—
	Lyallpur	000	0	0	00	00	96	00	0	975	92	0	0	9	0	0	79	86	+ 3	+ 4	0.1	— 2,5	4,3	12
Multan	Sahiwal	000	0	0	18	02	96	02	0	984	91	0	0	9	0	0	79	85	+ 1	— 1	2,9	+ 0,5	6.7	10
	Multan	003	0	6	18	02	//	02		977	92	3	0	9	3	1	73	87	+ 4	+ 2	0:1	— 1,1	2,5	7
	Leiah	000	0	3	16	01	97	07	0	979	92	0	0	9	0	3	74	79			0		0	8
Bahawalpur	Khanpur	000	0	2	23	05	95	00	0	994	88	2	0	9	1	0	72	85	0	+ 2	0	— 1,3	1.6	6
	Bahawalpur	000	0	0	20	02	96	00	0	999	87	0	0	9	0	0	73	85	0	+ 1	0,3	— 0,9	1,9	6
	Fort Abbas	000	0	0	27	02	98	00	0	942	99	0	0	9	0	0	79	88	—	—	4.3	—	4 9	8
Peshawar	Chakdara	000	0	0	05	03	96	82	0	975	81	0	0	9	0	0	74	75	—	—	0.7	—	17,7	—
	Peshawar	000	0	0	13	06	95	01	0	984	86	0	0	9	0	0	78	83	—	+ 3	1.1	— 0,7	13.5	11
	Haripur	010	6	3	05	01	97	02	6	982	88	3	0	9	2	0	77	80	—	—	0,4	—	13,1	—
D. I. Khan	Bannu	000	0	0	00	00	99	07	0	976	87	0	0	9	0	0	77	83	—	—	0,0	—	3,0	11
	D. I. Khan	005	3	3	13	02	98	01	2	979	89	0	0	9	3	0	76	84	0	0	0.6	— 0,9	4.5	9
Quetta	Sibi	030	0	6	10	30	97	03	1	992	91	6	2	9	6	2	52	91	—	—	0,7	—	5,0	5
	Nokkundi	000	0	0	36	18	95	05	0	952	93	0	0	9	0	0	40	69	—	—	0	—	0,9	2
Kalat	Turbat	000	0	2	00	00	98	02	3	009	88	2	5	5	0	0	81	85	—	—	0	—	0 3	—
	Jiwani	000	0	8	13	03	96	05	2	995	85	8	0	9	7	0	78	83	—	—	0	—	1 1	5
	Pasni	000	0	6	07	02	97	02	1	997	86	0	0	9	0	2	77	84	+ 1	+ 6	0	— 0,5	0 0	6
Karachi Division	Ormara	000	0	6	00	00	96	02	2	003	86	0	0	9	0	2	82	//	—	—	0	— 0.1	0,7	6
	Lasbela	//	0	1	00	00	97	00	0	019	85	0	0	6	0	0	79	//	—	—	0	—	0	8
	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					8
	Karachi (Airport)	000	0	8	23	07	96	03	0	006	86	5	6	5	0	1	81	84	—	—	3,2	—	9,3	—
Hyderabad	Nagarparkar	000	0	0	31	05	96	01	0	007	85	0	0	9	0	0	82	83	—	—	1.8	—	1,8	—
	Chore	000	0	1	20	14	96	03	0	013	84	1	6	4	0	0	77	80	—	—	0,7	—	0,7	7
	Hyderabad	000	0	6	23	07	97	03	2	008	85	6	6	5	0	0	81	63	+ 1	+ 2	1,3	— 0,3	3,3	8
	Badin	000	0	4	23	10	98	02	0	078	83	4	4	6	0	0	77	82	— 1	+ 1	0,3	— 1 0	2,1	
Khairpur	Padidan	000	0	3	13	09	95	06	0	989	87	0	0	9	0	1	75	84	—	—	0,7	—	2,5	—
	Nawabshah	000	0	3	18	14	96	03	0	997	87	3	0	9	5	0	77	84	—	—	1,1	—	2,1	
	Sukkur	000	0	4	13	10	96	01	0	991	80	4	0	9	6	0	76	85	—	—	0,1	—	0,8	4
	Kashmore	000	0	4	18	02	97	03	2	994	89	4	0	9	3	0	75	89	—	—	1,2	—	1,1	—
	Jacobabad	000	0	6	13	10	96	02	1	928	85	6	0	9	4	0	77	87	— 4	+ 2	0	— 0,6	1,5	4
Junagadh	Veraval																							
	HILL STATIONS																							
Kashmir	Srinagar *																							30
	Gulmarg **																							24
	Sonamarg **																							—
	Dras **																							71
	Leh **																							26
	Skardu **																							3
	Misgar *																							6
	Aliabad *																							—
	Gilghit *																							5
Rawalpindi	Murree *	008	2	8	29	02	96	03	8	442	87	8	5	2	/	/	63	62	+ 4	+ 3	3.6	— 5.5	30,9	59
Peshawar	Drosh *	000	0	1	00	00	/	06	0	439	85	1	1	7	8	0	//	78	+ 10	+ 5	0.6	—	17.1	18
	Cherat **	000	0	0	36	02	98	00	0	436	78	9	0	9	0	0	66	75	—	+ 4	2 1	— 0,6	15,5	29
	Kakul **	003	0	5	13	02	95	05	2	441	75	6	4	6	0	0	69	71	+ 4	—	4,9		26,5	—
	Land-kotal **	200	0	0	05	00	94	02	0	432	88	0	0	9	0	0	61	75	—	—	0,7	—	18,6	—
	Parachinar *	000	9	2	00	00	96	05	9	439	74	0	0	9	0	3	55	69	+ 3	+ 3	4.8	—	20.5	29
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	431	86	0	0	9	0	0	70	81		—	0,6	— 1,0	2,7	13
	Wana *	000	0	0	00	00	99	00	0	522	79	0	0	9	0	0	75	80	—	—	0,9	—	5:7	11
Quetta	Fort Sandeman *	000	0	0	00	00	97	02	0	442	75	0	0	9	0	0	63	74	+ 1	— 1	0,3	— 1,2	10,9	11
	Hindubag *	000	0	0	00	00	98	02		444	73	0	0	9	0	0	61	70	—	—	0		5,8	—
	Loralai **	000	0	8	13	02	96	01	2	441	78	0	0	9	0	3	63	71	—	—	0,1	—	4.9	9
	Barkhan **	000	0	0	31	02	98	00	0	477	52	0	6	9	0	0	14	35	—	—	0	—	0	—
	Harnai **	000	0	0	00	00	97	02	0	410	84	0	0	9	0	0	73	80	—	—	1,7	+ 0,1	10,5	14
	Samungli (Quetta) **	000	0	1	09	05	96	06	1	426	80	1	5	6	0	0	69	76	—	—	0	— 0,1	7,5	9
	Chaman *	000	0	2	31	00	98	02	0	422	86	0	0	9	0	3	70	86	+ 6	+ 10	0	— 0,1	4.2	8
	Nushki *	000	0	0	00	00	97	05	0	402	93	0	0	9	0	0	61	80	—	—	0	—	3:8	—
	Dalbandin *	000	0	0	00	00	94	05	0	424	97	0	0	9	0	0	71	89	+ 8	+ 11	0	— 0,0	1,8	4
Kalat	Kalat *	000	0	0	18	02	98	00	0	435	76	0	0	9	0	0	42	62	+ 3	0	—	— 0,5	6,3	7
	Khuzdar **																							—
	Panjgur *	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 8					5

† 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. is rainfall since 0000 hrs. G.M.T. of the same day

Whenever given for RRR see the summary above is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 14th JULY, 1967.

WIRELESS REPORTS FROM SHIPS.

SHIPS IN	YQ L$_a$L$_a$L$_a$	L$_o$L$_o$L$_o$ GG	N dd ff	VV ... W	PPP TT	N$_h$C$_L$hC$_M$C$_H$	D$_s$V$_s$ a PP	8 N$_s$Ch$_s$h$_s$	O$_s$T T$_s$ T$_s$ T	Id$_w$d$_w$P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Ocean Energy	53 213	606 00	8 24 10	96 05 2	985 29	53 3 41		...	...	...
British Ambassador	52 198	592 00	8 20 25	96 05 2	994 88	00 9 10	42 5 15	00 0 75	12 0 46	...
Caltex Naples	53 193	582 06	5 07 12	97 03 2	028 26	55 2 00	16 1 11	00 5 24	12 2 23	12 2 33
British Ambassador	53 185	588 06	2 21 25	98 01 1	041 84	00 9 10	45 1 15	95 6 77	12 1 46	...
British Ambassador	43 235	590 06	7 20 05	95 65 4	977 92	75 6 00	36 2 15	00 8 9	12 0 21	
Avedrecht	53 143	601 12	6 22 36	98 02 2	000 27	62 / 00	45 / //	00 4 23	12 2 34	17 1 41
Caltex Naples	53 210	594 42	8 21 18	92 11 8	960 22	99 1 26	80 / 10	00 3 23	12 1 23	11 9 24
Ocean Energy	53 234	671 12	5 24 12	96 05 2	963 31	53 4 41	...	...	...	...
British Ambassador	53 173	581 12	6 02 26	97 03 2	01/ 83	55 6 00	45 4 00	00 0 86	12 0 46	...
Abida	32 271	609 12	7 16 21	97 01 4	978 26	00 6 11	05 1 25	// 6 22	/7 9 29	...
British Sailor	53 261	567 18	0 99 02	96 05 0	977 91	00 9 00	35 2 11	05 0 82	10 0 20	...
BAY OF BENGAL										
Machihariomaru	52 123	112 12	/ // //	90 70 4	6 6 27	00 0 18	56 1 03	...	...	...
Anis Baksh	52 219	715 12	7 18 13	98 02 8	01/ 85		...	...	...	...
Syryamaru	58 041	821 12	7 27 19	98 01 2	075 28	55 5 3/	57 2 06	...	...	...
Japan Lily	53 058	839 12	7 24 25	98 02 2	085 28	75 4 4	26 6 15	00 3 26	12 4 47	17 5 60
Joseph	52 042	992 12	8 11 03	90 02 2	669 29	88 5 //	37 3 09	...	.	...
Innyomano	58 041	/// //	7 27 19	98 01 2	075 28	5/ 5 3/	55 1 05	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPT$_i$TT$_d$T$_d$T$_d$	1000 mb	900 mb	850 mb HHH TTT T$_d$T$_d$T$_d$	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHH TTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	999 265 255	...	...	140 212 22	...	302 136 999	...	587 030 999	765 550 999	917 662	470 810	...	...
Dacca ...														
Jiwani ...	00 00	992 282 252	...	...	140 292 999	...	312 195 999	...	// 535 999	763 638 999	976 775	285 968	453 095	...
Karachi ...	00 00	999 305 265	...	...	142 252 999	..	313 185 999	...	591 595 999	767 585 999	984 735	247 955	453 095	...
Lahore ...	00 00													...
Multan ...		983 315 205	..	...	143 725 225	...	311 192 148	...	588 000 999	/// 508 585	/// 700	278 789	490 870	-
Peshawar ...	00 00	999 028 818	...	...	140 245 999	...	308 162 999	..	596 032 999	764 562 999	/// 692	...		...
Quetta ...	00 00													...

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT T$_d$T T$_d$									Max Height Reached PPPTTT T$_d$T$_d$T$_d$	TROPOPAUSE St HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 235 225	800 19/ ///	600 09/ ///	462 00/ ///	350 59/ ///	250 72/ ///	-	...	...	200 810 999	...	...
Dacca ...													
Jiwani ...	00 00	900 02/ ///	800 27 ///	600 07/ ///	350 69/ ///	250 86/ ///	154 05/ ///	...	...	...	150 095 999	...	...
Karachi ...	00 00	900 25/ ///	800 23/ ///	600 19/ ///	350 65/ ///	250 83/ ///	...	...	...	-	150 095 999	...	...
Lahore ...													
Multan ...	00 00	900 022 427	806 062 015	600 06/ ///	350 67/ ///	250 73/ ///	-	...	...	...	150 870 999	..	...
Peshawar ...	00 00	900 27/ ///	800 22/ ///	600 10/ ///	350 62/ ///	250 74/ ///	-	...	..	...	250 741 999	...	...
Quetta ...													

P. P—Pressure in hundreds tens and units of millibars.

TiT; 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	18 11	20 08	...	...	...	...	...	...
Chaklala	24 31	14 06	15 05	26 06	26 11	27 10	...	—	...
Chhor	22 10	21 09	17 07	08 05	07 06	09 07	06 13	...	...
Chittagong	19 17	18 14	19 17	19 13	...	...	...	...	...
Cox's Bazar	18 15	19 13	20 12	20 13	20 15	21 19	...	...	...
Dacca	17 10	17 11	19 29	20 03	22 02	...	...	...	...
Dalbandin	...	...	23 01	22 06	25 01	34 03	...	...	—
D. I. Khan	...	...	—	...	...	...	...	...	...
Drosh	...	.	—	...	01 10	36 06	02 05	30 04	03 27
Fort Sandeman			...	12 08	17 09	11 07	...	...	—
Jacobabad	17 04	15 06	13 09	12 12	09 13	02 09	20 00	27 08	..
Jessore	15 08	16 12	19 13	19 05	29 03	06 09	11 09	09 11	11 11
Jhelum	13 08	14 07	15 07	82 70	24 05	22 12	...	...	...
Jiwani	16 08	26 06	26 06	05 07	05 15	04 16	04 23	...	...
Karachi	26 12	27 14	...	...	...	...	...	...	...
Khanpur	19 06	19 07	19 07	16 05	07 09	08 16	03 09	36 08	01 08
Lahore	11 09	11 13	11 12	15 26	18 07	...	...	...	...
Multan	17 15	17 11	17 14	14 12	13 05	01 13	04 14	36 17	35 20
Nawab Shah	18 12	17 07	26 03	06 27	05 11	04 18	04 35	// //	02 52
Panjgur		...	...	33 05	33 11	34 11	01 20	02 25	03 31
Peshawar	...	36 05	03 02	15 06	17 07	30 06	...		...
Samungli	...	...	...	...	33 02	33 12	...	...	...
Sargodha	16 16	10 15	13 12	17 17	...	...	...	—	—
Sylhet	23 06	22 08	21 10	18 17	...	...	—	...	...
Vravale	...	...	...	—	—	—	—	...	—

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	20 17	21 18	23 18	..	...	...
Chaklala	...	08 08	10 07	16 04	27 14	33 17
Chhor	23 23	22 25	21 23	17 22	17 19	14 13
Chittagong	17 23	17 21	19 17	18 13	20 12	23 08
Cox's Bazar	77 19	77 77	77 77	29 17	19 15	19 12
Dacca	02 88	01 87	09 84	08 01	79 83	16 80
Dalbandin	—	...	16 15	16 12	17 03	10 04
D. I. Khan	...	...	...	...	...	...
Drosh	...	...	...	...	23 04	22 03
Fort Sandeman	...	...	...	30 12	21 07	20 04
Jacobabad	17 07	16 04	15 06	13 02	05 05	03 10
Jessore	21 14	21 14	20 10	15 06	...	...
Jhelum	...	...	...	...	...	...
Jiwani	...	...	...	...	...	...
Karachi	...	...	...	...	...	..
Khanpur	22 10	22 14	23 20	//	25 25	...
Lahore	15 08	22 07	26 10	27 12	29 12	32 15
Multan	20 22	22 30	21 14	16 04	18 07	10 07
Nawab Shah	19 27	20 25	17 19	03 07	03 16	07 13
Panjgur	...	...	-	22 17	24 20	25 25
Peshawar	...	...	...	...	...	...
Samungli	...	...	...	...	21 03	27 07
Sargodha	10 03	20 07	22 06	24 08	28 04	29 12
Sylhet	// //	22 10	23 07	24 15	...	...
Vravale	...	...	—	...	...	...

At 0600 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	5.4	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	18 11	17 13	21 15	23 11	25 11	...				...	...
Chaklala	...	14 01	19 04	29 05	29 08	29 07	...	—	...	...	...
Chhor	21 15	21 17	30 17	20 20	...	...	...	...	...	...	...
Chittagong	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...
Dacca	18 04	17 05	18 06	19 06	...	...	...	...	...	...	...
Dalbandin	...	...	08 01	11 02	11 06	14 10	15 17	...	...	...	...
D. I. Khan	...	...	—	...	...	...	—	...	...	...	...
Drosh	..	...	...	...	36 01	36 09	36 13	31 20	29 22	24 23	...
Fort Sandeman	...	...	...	32 03	36 03	17 07	32 11	32 15	31 21	30 15	30 12
Jacobabad	17 05	16 05	18 03	07 01	31 05	03 07	03 04	03 04	35 08	36 12	34 21
Jessore	18 03	20 03	21 08	20 03	14 03	02 04	03 04	13 09	12 13	13 15	13 19
Jhelum	18 02	18 02	23 02	30 07	30 10	31 04	30 24	31 19	30 06	27 26	28 15
Jiwani	12 08	10 14	06 06	...	...	...	...	..	...	...	...
Karachi	25 08	24 11	23 14	...	...	...	...	...	...	...	—
Khanpur	21 11	21 08	18 08	// //	11 01	.	...	-	...	...	...
Lahore	28 13	27 07	27 09	26 11	...	...	...	...	...	...	...
Multan	21 19	31 25	21 31	18 17	18 16	17 06	14 07	13 11	...	...	...
Nawab Shah	18 05	18 10	18 11	// //	03 05	09 05	05 05	06 05	03 20	05 15	08 25
Panjgur	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	07 04	01 09	32 16	30 20	28 11	30 12	30 07	35 15	03 05	28 11
Samungli	...	...	...	...	35 05	34 08	34 10	33 13	32 18	32 21	31 26
Sargodha	30 04	23 04	30 30	21 04	25 03	29 12	31 16	31 23	...	...	...
Sylhet	19 13	28 11	...	...	...	...	...	...	...	...	...
Vravale	...	...	...	...	...	...	...	...	...	...	...

† The actual time of observation may vary within half an hours 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 16	26 14	26 17	06 16	05 32	09 26	06 30	05 32	10 25	10 49	...	..	...	...	...	...	...
Peshawar ...	...	36 09	31 06	31 07	32 02	00 03	21 05	29 13	20 03	26 25	25 29	...	...	—	...			
Quetta ...																		

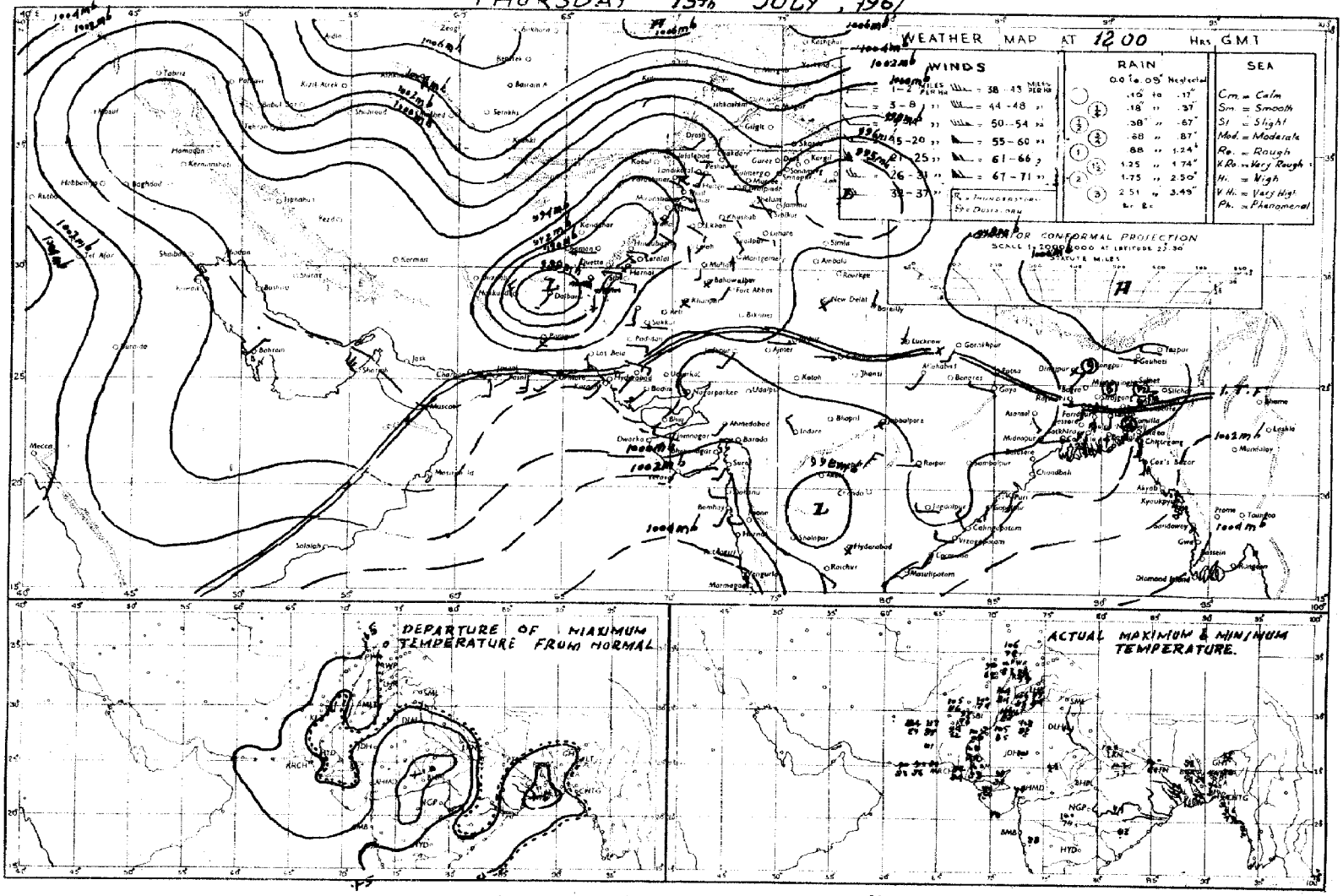
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr etc.)

The accuracy of individual observations cannot be guaranteed. Corrections can be obtained if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI.

PAKISTAN DAILY WEATHER MAP

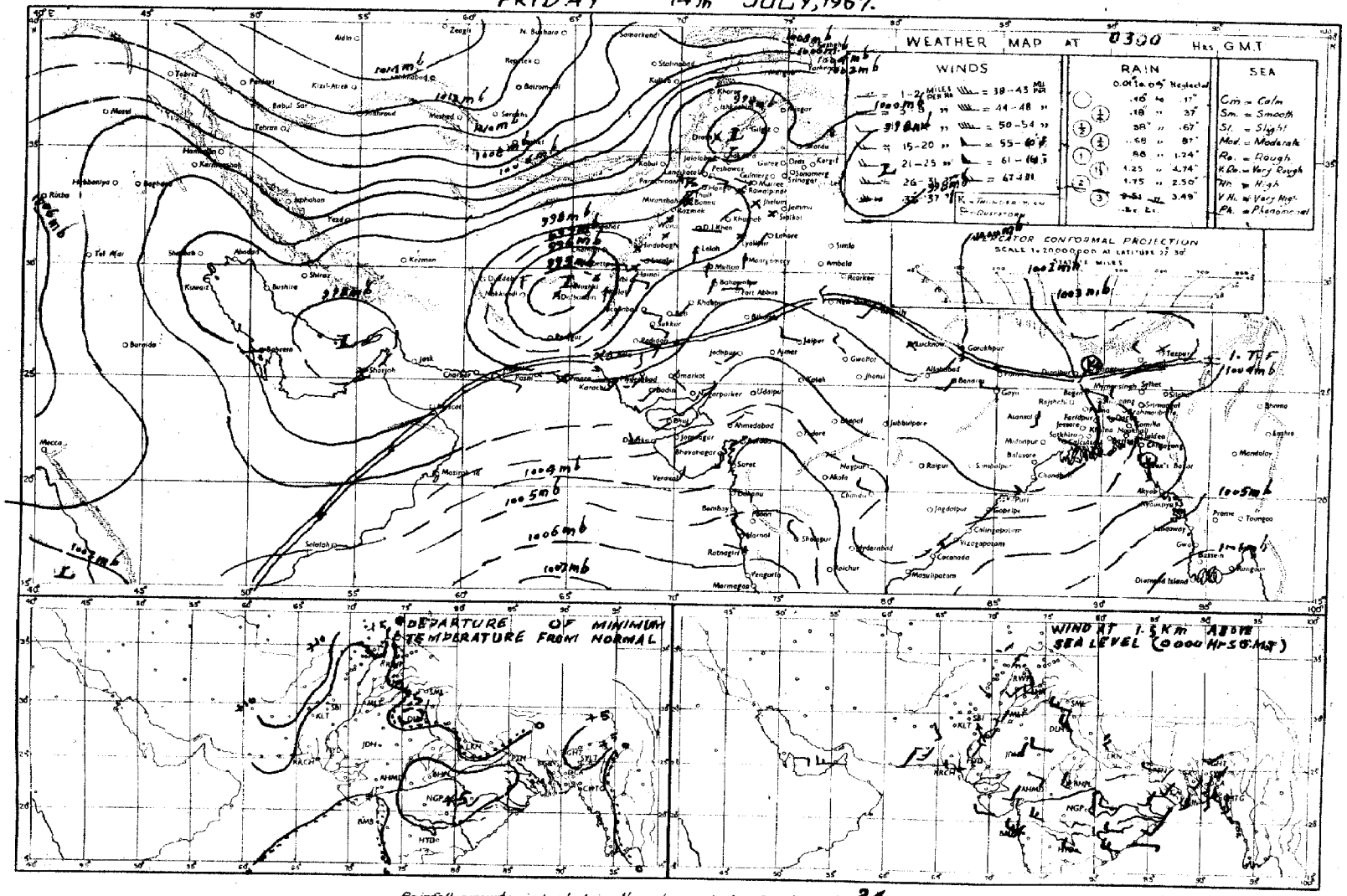
THURSDAY 13th JULY, 1967



Rainfall amounts indicated in the above chart refer to past 12 hours

PAKISTAN DAILY WEATHER MAP

FRIDAY 14th JULY, 1967.



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

Pgees 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

SATURDAY THE 15th JULY, 1967.

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

Yesterday's westerly low pressure wave over north of Afghanistan is to-day moving away across north of Kashmir.

The seasonal trough of low pressure extending from Kalat division to Sargohda division is becoming well marked. Under their combined influence scattered thundershowers have occurred in Quetta division and few falls of light rain or thunderstorms in Rawalpindi, Multan, Peshawar and Karachi divisions.

The axis of monsoon trough runs across Uttar Pradesh, Chota, Nagpur and Assam. Rain/thundershowers have been local in Chittagong, Dacca and Khulna divisions and scattered in Rajshahi division.

Chief amounts of rainfall are: Cox's Bazar and Maijdee Court 4" each, Comilla 2", Brahmanbaria and Rangpur 1" each, Rangamati, Sylhet, Barisal and Fort Sandeman ½" each.

Day temperatures were 3—6 °F (2—3 °C) above normal in East Pakistan and in Lahore, Rawalpindi, Peshawar, D. I. Khan, Sargodha and Multan divisions and were to the same extent below normal in Khairpur division.

Forecast valid until the evening of 16th July, 1967:- Fairly widespread rain/thundershowers will occur in East Pakistan and scattered in Kashmir and in Rawalpindi, Quetta, D.I. Khan and Peshawar divisions.

Karachi-11
The 15th July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meteorological Services.

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

DIVISIONS	STATIONS	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 °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	Rangamati	037	4	7	23	05	94	62	6	041	79	5	7	4	2		79	94
	Cox's Bazar	292	9	8	13	07	96	61	6	037	77	7	7	3	2		78	86
	Chittagong	000	0	8	16	09	97	02	2	026	67	5	3	3	2	/	79	88
	Majidee Court	...	..	...	—	...	...	...	..	...	...	..	..	...			...	...
	Comilla	000	0	4	18	05	96	02	1	009	86	4	4	5	0	0	79	90
	Brahmanbaria	000	0	7	18	05	97	02	1	012	85	4	4	5	2	0	79	90
	Sylhet	027	9	8	09	03	96	60	6	016	81	7	5	4	2	/	79	88
	Srimangal	000	0	8	00	00	96	03	0	004	92	0	0	9	7	2	79	88
Dacca	Mymensingh	030	3	4	00	00	96	02	2	013	88	4	4	6	2	0	81	92
	Narayanganj	000	0	8	13	02	96	03	2	000	88	5	7	4	3	1	79	92
	Dacca (Tejgaon)	005	5	7	18	05	97	02	9	///	86	3	2	5	7	5	79	93
	Faridpur	000	0	5	16	02	97	02	2	965	86	3	5	5	7	0	79	90
Khulna	Barisal	000	0	7	16	05	97	02	2	013	82	6	4	4	2	0	79	//
	Khulna	075	6	4	00	00	97	02	6	997	82	0	0	7	4	0	79	94
	Satkhira	000	0	3	18	01	96	00	6	989	85	3	2	6	0	0	73	92
	Jessore	000	0	6	13	07	97	03	2	001	86	1	5	5	3	0	79	94
Rajshahi	Pabna																	
	Sirajganj	000	0	8	18	03	97	02	2	989	86	8	0	8	4	0	65	90
	Rajshahi	000	0	6	13	03	97	02	2	984	90	6	2	4	0	0	82	94
	Bogra	000	0	7	13	05	96	02	2	992	90	3	4	4	2	0	79	92
	Dinajpur	000	5	2	00	00	96	00	9	987	85	2	0	9	0	1	81	88
	Rangpur	020	6	2	23	02	96	01	9	937	85	2	0	9	1	0	79	88
Kashmir	Jammu																	
Lahore	Lahore (Heli Ad.)	000	0	2	23	05	95	06	0	945	03	2	1	6	0	0	71	04
	Sialkot	000	6	0	05	01	96	00	0	932	92	0	0	9	0		87	—
Rawalpindi	Jhelum	000	0	3	23	03	96	01	0	936	04	3	3	6	0	0	73	05
	Islamabad	000	0	2	05	05	96	02	0	///	98	2	3	4		0	73	08
	Rawalpindi	000	0	4	00	00	98	02	2	930	00	4	1	8	0	0	74	01
	Campbellpur																	
Sargodha	Khushab	000	0	0	09	02	98	00	0	945	05	0	0	9	0	0	77	07
	Sargodha	000	0	0	18	07	96	05	0	947	06	0	9	5	0	0	65	07
	Lyallpur	000	0	0	16	03	96	00	0	947	02	0	0	9	0	0	77	05
Multan	Sahiwal	000	0	0	18	02	96	05	0	946	02	0	0	9	0	0	70	03
	Multan	000	0	0	23	05	96	07	0	939	00	0	0	9	0	0	71	05
	Leiah	000	0	0	23	02	98	00	0	915	15	0	0	9	0	0	73	15
Bahawalpur	Khanpur	000	0	0	23	02	96	05	0	943	03	0	0	9	0	0	65	04
	Bahawalpur	000	0	0	23	02	96	02	0	948	02	0	0	9	0	0	70	03
	Fort Abbas	000	0	0	00	00	98	00	0	504	06	0	0	9	0	0	73	07
Peshawar	Chakdara	000	0	1	27	03	96	01	0	906	98	1	1	7	0	0	76	00
	Peshawar	000	0	1	09	03	96	05	0	920	03	1	1	6	0	0	67	09
	Haripur	000	0	0	18	03	96	00	0	927	99	0	0	9	0	0	71	01
D. I. Khan	Bannu	000	0	0	13	02	99	07	0	936	02	0	0	9	0	0	73	02
	D. I. Khan	000	0	6	05	07	98	01	2	949	03	0	0	9	3	0	76	03
Quetta	Sibi	000	0	6	18	03	97	03	1	942	08	6	2	9	6	2	38	10
	Nokkundi	000	0	0	31	24	93	07	0	911	07	0	0	9	0	0	35	08
Kalat	Turbat	000	0	0	13	03	98	02	0	956	05	0	0	9	0	0	83	07
	Jiwani	000	0	5	18	09	95	05	2	965	88	4	6	4	3	0	79	91
	Pasni	000	0	0	13	12	97	02	1	975	91	0	0	9	0	0	77	93
Karachi Division	Ormara	000	0	6	23	07	96	03	2	977	90	0	0	9	0	2	85	93
	Lasbela	///	0	0	16	01	98	00	0	984	98	0	0	9	0	0	84	10
	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Airport)	000	0	7	23	09	96	02	2	982	89	7	6	5	0	0	78	92
Hyderabad	Nagarparkar	000	0	0	31	05	97	01	0	974	97	0	0	9	0	0	67	99
	Chore	000	0	1	23	10	96	02	0	975	97	1	5	6	0	0	71	98
	Hyderabad	000	0	3	23	07	97	01	1	975	96	3	5	6	0	0	82	99
	Badin	000	0	4	23	07	98	02	0	006	95	4	4	6	0	0	75	96
Khairpur	Padidan	000	0	3	13	05	95	06	0	948	03	0	0	9	0	1	72	04
	Nawabshah	000	0	0	19	21	96	07	0	961	99	0	0	9	0	0	77	03
	Sukkur	000	0	4	23	02	96	03	0	952	06	4	0	9	6	0	77	06
	Kashmore	000	0	0	18	04	98	01	0	951	02	0	0	9	0	0	72	03
	Jacobabad	000	0	2	09	03	96	01	2	950	03	2	0	9	3	0	76	03
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar **																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu **																	
	Misgar *																	
	Aliabad *																	
	Gilghit *																	
Rawalpindi	Murree *	000	0	8	27	05	96	03	1	414	75	8	5	2	/	/	70	77
Peshawar	Drosh *	000	0	1	23	09	98	02	0	379	99	1	/	7	0	0	46	03
	Cherat *	000	0	0	36	03	98	00	0	426	95	0	0	9	0	0	69	97
	Kakul *	000	0	3	23	05	93	05	2	418	86	8	8	9	5	4	88	89
	Landikotal *	000	0	0	05	07	94	02	0	398	98	0	0	9	0	0	60	02
	Parachinar *	000	0	2	13	03	96	05	0	412	98	2	2	7	0	0	59	90
D. I. Khan	Miranshah *	000	0	0	05	05	99	00	0	403	98	0	0	9	0	0	85	99
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	040	2	8	09	05	97	17	9	412	79	8	8	5	0	0	52	99
	Hindubag *	000	0	7	13	03	98	02	0	386	98	7	8	5	0	0	07	98
	Loralai *	000	1	8	13	02	96	02	5	400	90	6	3	8	2	0	73	96
	Barkhan *	000	0	0	31	02	97	02	0	466	65	0	0	9	0	0	22	99
	Harnai *	000	0	0	00	00	96	02	0	404	96	0	0	9	0	0	69	97
	Samungli (Quetta) *	000	0	4	31	09	97	03	0	394	96	1	4	6	3	1	41	01
	Chaman *	000	0	0	31	01	98	00	0	401	02	0	0	9	0	0	73	04
	Nushki *	000	0	0	00	00	97	05	0	382	09	0	0	9	0	0	75	10
	Dalbandin *	000	4	0	23	05	94	05	0	408	11	0	0	9	0	0	63	12
Kalat	Kalat *	000	0	6	18	09	98	00	0	407	86	6	6	7	0	0	35	93
	Khuzdar *																	
	Panjgur *																	

At 0300 Hrs. G.M.T. of to-day

STATIONS	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 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)
Rangamati	067	9	7	18	05	98	02	6	070	81	4	7	5	2	/	77	79
Cox's Bazar	362	9	8	18	15	97	50	6	063	79	8	7	3	2		79	76
Chittagong	004	3	8	13	07	97	02	2	061	82	7	3	3	2	0	79	76
Majidee Court	425	9	8	00	00	93	67	4	057	79	6	5	4	1	1	77	77
Comilla	207	3	8	18	05	96	02	6	049	79	5	4	4			77	77
Brahmanbaria	058	3	8	18	02	95	62	6	049	[illegible]	8	3	3	/	/	[illegible]	77
Sylhet	039	9	8	13	05	96	61	6	055	79	6	3	4	2	/	[illegible]	79
Srimangal	008	9	7	10	00	96	03	9	046	81			5	1	0	77	79
Mymensingh	03	[illegible]	3	00	00	75	50	6	03	88	3	6	5	/		[illegible]	81
Narayanganj	20	1	8	23	02	97	53	6	040	82	8	7	[illegible]	/		79	81
Dacca (Tejgaon)	017	7	8	18	02	97	61	6	035	82	[illegible]	6	[illegible]	1		81	81
Faridpur	00	3	8	16	02	97	60	2	027	8[illegible]	6	4	5		0	8[illegible]	8[illegible]
Barisal	046	9	8	28	02	96	02	2	009	[illegible]	8	7	5	0	0	79	72
Khulna	075	0	4	00	00	97	02	1	039	82	0	0	7	4	0	79	//
Satkhira	000	0	4	23	01	96	08	0	027	82	4	4	5	8	0	82	79
Jessore	000	0	7	18	09	97	02	2	034	84	2	5	4	5	7	79	82
Pabna																	
Sirajganj	000	0	8	18	03	98	02	2	029	84	8	4	8	0	0	81	82
Rajshahi	000	0	8	13	03	97	02	2	023	86	9	7	4	/		81	82
Bogra	000	0	7	23	03	96	01	2	025	84	5	5	5	7	0	81	81
Dinajpur	031	3	8	09	02	96	02	2	02[illegible]	84	8	5	7	0	0	81	89
Rangpur	112	8	7	00	00	96	21	6	017	82	7	0	9	2	0	91	79
Jammu																	
Lahore (Heli Ad.)	000	0	0	23	02	95	05	0	978	92	0	0	9	0	0	71	87
Sialkot	000	0	0	00	00	96	00	0	977	85	0	0	9	0	0	77	75
Jhelum	000	0	1	13	02	96	01	9	973	90	0	0	9	0		74	85
Islamabad	000	0	0	13	05	96	01	0	///	89	0	0	9	0	0	75	79
Rawalpindi	000	0	0	11	02	98	00	0	969	90	0	0	9	0	0	75	84
Campbellpur																	
Khushab	000	0	0	05	02	97	00	0	968	90	0	0	9	9	0	81	74
Sargodha	00	0	0	20	05	96	05	0	997	91	0	0	9	0	0	72	86
Lyallpur	000	0	0	13	03	96	00	0	963	91	0	0	5	0	0	78	89
Sahiwal	000	0	0	18	02	96	02	0	974	90	0	0	9	0	0	69	65
Multan	008	0	2	23	14	95	07	0	966	90	1	0	9	3	0	72	87
Leiah	000	0	0	09	01	97	00	0	969	92	0	0	9	0	0	74	89
Khanpur	000	0	3	23	05	95	05	1	981	87	2	0	9	1	1	71	84
Bahawalpur	000	0	0	20	02	96	00	0	976	90	0	0	9	0	0	74	86
Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chakdara	000	0	4	00	00	97	03	0	937	83	4	1	7	0	0	71	75
Peshawar	000	0	0	36	03	96	05	0	961	92	0	0	9	0	0	73	83
Haripur	000	0	0	05	01	96	00	0	957	94	0	0	9	0	0	77	80
Bannu	000	0	0	00	00	99	07	0	953	86	0	0	9	0	0	78	83
D. I. Khan	000	0	0	09	02	98	00	0	958	92	0	0	9	0	0	76	85
Sibi	000	0	6	23	03	97	03	1	902	92	6	2	9	6	2	38	91
Nokkundi	000	0	1	31	28	94	07	0	957	88	0	0	9	0	1	37	64
Turbat	000	0	0	00	00	98	02	0	008	88	0	0	9	0	0	81	84
Jiwani	000	0	6	09	95	96	05	1	989	85	2	6	5	0	1	76	83
Pasni	000	0	2	00	00	97	03	0	999	85	2	6	5	0	0	76	82
Ormara	000	0	7	27	07	96	02	2	997	86	3	0	5	3	0	82	//
Lasbela	///	0	/	00	00	97	00	0	067	85	0	0	7	0	0	78	//
Karachi (Manora)	000	0	4	23	05	97	01	2	997	85	0	0	9	0	1	80	83
Karachi (Airport)	002	7	6	23	05	96	01	5	999	87	3	6	5	2	1	80	83
Nagarparkar	...	..	...	...	...	...	...	...	...	...	...	..	..	...	...	...	...
Chore	000	0	2	23	05	96	02	0	905	84	2	0	3	0	0	75	80
Hyderabad	000	0	4	23	05	99	28	5	993	85	0	0	9	0	1	18	63
Badin	000	0	0	23	10	98	02	0	005	85	0	0	9	0	0	77	63
Padidan	000	0	5	13	09	95	06	1	975	83	0	0	9	0	5	76	84
Nawabshah	000	0	0	18	19	96	01	0	979	87	0	0	9	0	0	78	84
Sukkur	000	0	0	23	10	96	02	0	977	86	0	0	9	0	0	77	84
Kashmore	000	0	0	15	06	98	02	0	990	86	0	0	9	0	0	76	86
Jacobabad	000	0	6	13	07	96	03	1	970	87	1	0	9	3	4	78	86
Veraval																	
Srinagar **																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu **																	
Misgar *																	
Aliabad *																	
Gilghit *																	
Murree *	010	0	6	27	03	97	02	1	433	68	4	5	4	5	0	60	65
Drosh *	000	0	0	09	02	99	02	0	426	80	0	0	9	0	0	39	72
Cherat *	000	0	0	36	05	98	00	0	430	81	0	0	9	0	0	58	78
Kakul *	005	2	7	18	02	95	05	6	422	76	7	4	5	0	0	72	73
Landikotal *	000	0	0	31	09	94	02	0	423	87	0	0	9	0	0	38	79
Parachinar *	000	0	1	09	02	96	05	6	426	79	1	2	7	0	0	56	72
Miranshah *	000	0	0	05	05	99	00	0	416	89	0	0	9	0	0	69	84
Wana *	000	0	0	00	00	99	00	0	498	80	0	0	9	0	0	63	80
Fort Sandeman *	000	0	0	00	00	97	02	0	437	73	0	0	9	0	0	69	72
Hindubag *	000	0	0	00	00	98	02		437	80	0	0	9	0	0	55	70
Loralai *	000	0	0	00	00	96	00	2	410	73	0	0	9	0	0	67	66
Barkhan *	000	0	0	13	03	98	02	0	477	52	0	0	9	0	0	14	35
Harnai *	000	0	4	00	00	95	03	2	400	84	0	0	9	0	0	71	//
Samungli (Quetta) *	000	0	0	00	00	96	06	1	415	78	0	0	9	0	0	55	78
Chaman *	000	0	0	13	02	98	00	0	425	83	0	0	7	0	0	63	83
Nushki *	000	0	0	00	00	98	00	0	384	96	0	0	9	0	0	54	85
Dalbandin *	000	0	0	02	00	94	05	0	417	92	0	0	9	0	0	42	82
Kalat *	000	0	0	13	02	98	00	0	435	74	0	0	9	0	0	41	63
Khuzdar *																	
Panjgur *																	

Departure from Normal of / Rainfall

STATIONS	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Rainfall since 1st June 1967 to-date (39)	Departure from normal (40)	Since 1st January, 1967 to-date (41)	Annual Normal (42)
Rangamati	—	—	—	—	—	—
Cox's Bazar	0	— 1	59,3	+ 11.6	70.5	140
Chittagong	+ 2	1	33,9	+ 8.9	46.8	108
Majidee Court		— 1	37.4	+ 6.9	59,1	115
Comilla	+ 2	— 1	—	—	—	94
Brahmanbaria	—	—	23,6	+ 4.0	45,5	78
Sylhet	—	—	—	—	—	—
Srimangal	— 2	+ 3	20.0	—57.6	47,5	98
Mymensingh	+ 4	+ 3	—	—	—	91
Narayanganj	+ 3	+ 2	—	—	—	74
Dacca (Tejgaon)	—	—	7,7	—	37,3	—
Faridpur	+ 2	+ 3	30,8	+ 3.0	28.2	71
Barisal	—	— 7	—	—	—	81
Khulna	+ 6	-	—	—	—	68
Satkhira	+ 4	+ 1	—	—	—	65
Jessore	—	—	—	—	—	65
Pabna						59
Sirajganj	— 2	+ 4	16.1	— 1,9	33,7	64
Rajshahi	+ 5	+ 4	—	—	—	—
Bogra	— 3	+ 2	..	—	—	69
Dinajpur	— 1	+ 1	19.4	— 2,4	33,3	72
Rangpur	— 1	+ 1	—	—	—	84
Jammu						
Lahore (Heli Ad.)	+ 4	+ 7	1.9	— 2,3	6.2	19
Sialkot	—	— 5	3,0	— 4,4	7,1	32
Jhelum	—	—	1,9	—	8,0	—
Islamabad	—	—	—		—	—
Rawalpindi	+ 3	+ 7	2,9	— 2.7	13.7	36
Campbellpur						—
Khushab	+ 4	— 8	0,4	— 2.5	6.9	15
Sargodha	—		0	—	3.6	—
Lyallpur	+ 3	+ 7	0.1	— 2,5	4,4	12
Sahiwal	0	+ 7	2,9	+ 0,5	6,7	10
Multan	+ 3	+ 2	0:2	— 2,8	2,5	7
Leiah	—	—	0	—	0	8
Khanpur	— 1	+ 1	0	— 1,3	1.6	6
Bahawalpur	0	+ 2	0,3	— 1,0	1,9	6
Fort Abbas	—					8
Chakdara	—	—	0.7	—	17,7	—
Peshawar	+ 7	+ 5	0.1	— 0,7	13.5	11
Haripur	—	—	2,4	—	13.1	—
Bannu	—	—	0,0	—	3,0	11
D. I. Khan	— 1	+ 2	0,6	— 1,0	4.5	9
Sibi	—	—	0,7	—	5.0	5
Nokkundi	0	—	0	—	0,9	2
Turbat	—	—	0	—	8 3	—
Jiwani	—	—	0	—	1:1	5
Pasni	+ 1	+ 4	0	— 0,5	0.0	6
Ormara	—	—	0	— 0,2	0,7	6
Lasbela	—	—	0	—	0	8
Karachi (Manora)	—	+ 2	1.4	— 0 8	—	8
Karachi (Airport)	—	—	3,2	—	9,3	—
Nagarparkar	—					—
Chore	—	—	0,7	—	0,9	7
Hyderabad	0	+ 2	1,3	— 0,5	3,3	9
Badin	+ 1	+ 1	0,3	— 2.1	2,1	
Padidan	—	—	0,7	—	2,5	—
Nawabshah	—	—	1,1	—	2,1	—
Sukkur	—	—	0,1	—	0,8	4
Kashmore	—	—	1,2	—	1,1	—
Jacobabad	— 6	+ 1	0	— 0,7	1,5	4
Veraval						20
Srinagar **						24
Gulmarg **						—
Sonamarg **						71
Dras **						26
Leh **						3
Skardu **						6
Misgar *						—
Aliabad *						—
Gilghit *						5
Murree *	+ 3	+ 6	3,6	— 5,9	31,0	59
Drosh *	+ 7	+ 4	0,6	—	17.1	18
Cherat *	+ 8	+ 7	2 1	— 0,9	15,6	29
Kakul *	—	—	5,0	—	26,5	—
Landikotal *	—	—	0.7	—	18,6	—
Parachinar *	+ 3	+ 6	4.8	—	20.5	29
Miranshah *	—	—	0,6	— 1,1	20,1	13
Wana *		—	0,9	—	5:8	11
Fort Sandeman *	— 1	— 3	0,9	— 7.0	11,5	11
Hindubag *	—	—	0	—	5,8	—
Loralai *	—	—	0,1	—	5.0	9
Barkhan *	—	—	0	—	0	—
Harnai *	—	—	1,7	+ 0.0	10.5	14
Samungli (Quetta) *	—	—	0	— 0,2	7,5	9
Chaman *	+ 2	+ 7	0	— 0,1	4.2	8
Nushki *	—	—	0	—	3.8	—
Dalbandin *	+ 3	+ 4	0	— 0,0	1,8	4
Kalat *	+ 2	+ 1	0	— 0,5	6,3	7
Khuzdar *						—
Panjgur *						5

† 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. is rainfall since 0300 hrs. G.M.T. of the same day

Whenever given for RRR see the summary above is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 15th JULY, 1967.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhCLhCMCH	DsVs a PP	8 NsChshs	0 TsTs TdTd	Idwdw PwHw
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Welsh City	63 249	640 00	8 17 09	97 05 2	995 29	38 4 30	25 1 00	/////	05 2 26	11 7 22
British Sailor	63 249	578 00	0 90 02	96 05 0	077 32	00 9 00	35 4 00	/////	03 0 31	10 0 20
Welsh City	63 248	658 06	6 18 12	97 05 2	009 30	22 4 01	25 0 01	/////	05 1 27	11 3 23
Abida	63 200	548 06	3 23 15	97 01 1	038 28	34 4 00	/////	/////	00 1 23	12 5 36
Esmeralda	63 236	588 06	0 00 00	97 02 0	019 34	00 9 00	36 2 12	/////	00 8 30	10 0 10
Esmeralda	63 222	599 12	8 18 24	97 02 2	995 28	00 9 07	46 7 10	/////	06 0 25	11 8 23
Esmeralda	63 207	592 14	6 18 30	98 02 2	005 24	00 9 00	46 2 05	/////	00 1 23	11 8 24
Abida	63 181	676 18	6 24 15	97 91 2	039 13	62 3 //	00 0 00	12 4 46	/////	/////

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isoboric Levels: Surface PPPT TTdTdTd	1000 mb HHH TTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHH TTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra —														
Chittagong ...	00 00	001 252 224	042 248 242	...	141 188 188	...	309 115 115	...	583 522 999	757 600 999	976 730	253 932	441 078	698 328
Dacca ...	00 00	010 279 258	017 268 999	...	146 195 999	—	308 120 999	...	582 530 999	757 602 999	972 752	255 150	442 108	
Jiwani ...	00 00	992 272 255		...	140 245 999	...	309 145 999	...	585 528 999	759 610 999	973 775	255 960	...	...
Karachi ...	00 00	MISDA	...	...	...	...		...	...		...	...		...
Lahore ...	00 00	972 335 212	...	...	148 225 175	...	311 185 115	...	589 502 999	764 602 999	999 745	280 870	448 195	...
Multan ...	00 00	981 318 212	...	...	135 201 125	...	300 072 028	...	577 535 999	745 630 999	959 772	253 725	...	...
Peshawar ...	00 00	// /////	...	...	150 292 999		301 192 999	..	590 032 999	769 552 999	988 882	...	...	...
Quetta ...														..

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT TdTdTd									Max Height Reached PPPTTT TdTdTd	TROPOPAUSE St HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 215 212	800 162 162	600 050 ///	350 660 ///	250 520 ///	...	—	...	...	100 228 ///	...	...
Dacca -	00 00	900 260 ///	800 170 ///	600 050 ///	350 670 ///	250 820 ///	...	...	...	...	150 108 ///	—	...
Jiwani ...	00 00	900 265 255	/// /// ///	600 950 ///	350 650 ///	250 550 ///	...	...	...	...	200 960 ///	...	...
Karachi ...	00 00	MISDA	...	...	...	...	...	...	...	—		...	...
Lahore ...	00 00	900 305 195	800 245 152	600 095 068	250 675 999		...	...	...	...	150 295 ///	...	...
Multan ...	00 00	900 265 165	800 155 078	600 030 ///	350 680 ///	250 760 ///	...	...	...	..	200 785 ///	...	...
Peshawar ...	00 00	/// /// ///	800 260 ///	600 120 ///	350 610 ///	250 760 ///	—	...	..	...	250 760 ///	...	...
Quetta ..												...	...

P, P—Pressure in hundreds tens and units of millibars.

TT T; 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	16 15	17 13	20 12	20 07	20 04	31 06	...	...	...	20 09	22 12	23 10	...	...	...
Chaklala	...	...	...	...	...	...	...	...	...	...	12 11	15 12	17 03	24 09	29 11
Chhor	21 11	20 09	18 11	13 07	09 06	07 15	04 27	07 09	06 12	22 21	23 30	33 34	—	...	...
Chittagong	17 13	19 15	20 19	...	...	...	...	...	...	16 12	16 13	17 15	...	...	...
Cox's Bazar	No	...	...	...	...	...	...	...	...	15 15	16 16	17 26	21 23	20 20	21 18
Dacca	18 08	16 08	17 10	17 10	16 06	22 07	18 06	18 06	15 03	21 10	25 12	...	...	...	...
Dalbandin	...	...	27 09	27 08	26 08	10 05	25 04	34 06	36 10	—	...	09 04	07 09	05 14	03 21
D. I. Khan	...	...	—	...	...	...	...	—	...	—	...	—	...	...	...
Drosh	...	..	—	...	23 07	21 10	29 03	34 05	34 06	...	..	..	11 10	08 30	05 05
Fort Sandeman	...		...	18 10	32 13	20 26	...	...	—	—	...	...	18 03	09 02	03 02
Jacobabad	15 08	14 06	13 05	16 03	18 07	03 11	33 12	36 08	...	17 14	18 17	19 13	20 07	16 04	07 04
Jessore	14 06	14 10	15 10	12 05	14 07	11 03	15 09	15 13	...	23 19	23 21	24 20	...	...	...
Jhelum	22 06	22 07	18 04	26 04	30 10	21 15	34 09	31 12	32 08	12 08	16 07	24 09	27 07	31 05	34 09
Jiwani	15 17	14 09	11 06	01 05	...	...	...	...	...		...	...			
Karachi	26 16	22 17	22 14	...	...	...	...	...	...	26 15	26 15	25 15	24 08	01 15	06 13
Khanpur	20 08	19 08	19 08	20 05	13 04	34 05	34 12	31 09	36 04	22 17	22 22	22 21	24 19	29 16	
Lahore	24 04	24 18	25 09	26 09	...	...	...	...	...	26 09	26 18	27 11	28 06	27 04	27 06
Multan	18 17	18 15	18 13	20 14	24 07	20 05	30 15	31 18	29 17	18 30	20 24	12 26	24 12	29 15	34 15
Nawab Shah	18 19	20 20	20 16	31 04	32 01	05 09	05 15	02 25	04 00	20 20	22 23	22 19	05 06	24 10	01 09
Panjgur		...	...	...	...	...	...	—	...	...	...	...	...	...	...
Peshawar	...	06 07	13 09	20 06	28 11	32 10	33 15	32 23	00 17	...	35 04	31 13	31 19	30 10	30 06
Samungli	...	—	...	...	32 05	30 06	29 13	...	...	...	...	...	...	...	...
Sargodha	...	...	...	...	...	...	...	—	—	22 12	24 13	24 11	21 05	19 03	03 05
Sylhet	No	Ascent	...	...	...	...	...	...	...	19 12	19 17	...	—	...	—
Vravale	...	...	...	...	...	...	...	...	—	...	...	...	...	—	...

Height in Kms a.s.l. →	At 0600 G.M.T of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	5.4	5.4	6.0	7.2	0:9
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	21 10	21 12	21 12								
Chaklala	...	34 04	15 05	22 13	30 08	...	...	—	...	...	...
Chhor	21 12	20 08	..	...	...	...	...	...	...	...	...
Chittagong	No	Ascent	...	...	...	...	...	...	...	...	...
Cox's Bazar	No	Ascent	..	...	...	...	...	...	...	...	...
Dacca	18 12	18 13	19 19	...	...	...	...	...	...	...	...
Dalbandin	...	...	32 01	36 05	36 08	36 15	07 07	07 01	09 02	14 05	—
D. I. Khan	...	...	—	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	01 03	36 04	30 07	31 20	30 30	30 33	...
Fort Sandeman	...	...	...	30 02	29 01	19 03	24 10	24 10	25 14	25 15	29 14
Jacobabad	15 10	18 10	17 10	17 07	21 02	36 07	08 18	36 27	35 27	32 35	32 33
Jessore	21 17	23 14	...								
Jhelum	15 13	16 13	15 06	34 04	29 06	31 14	24 07	28 10	30 21	28 15	32 37
Jiwani	11 08	06 39	05 06	36 07	03 05	...	...	...	...	...	...
Karachi	24 06	25 10	26 11	34 06	...				—	...	—
Khanpur	21 11	21 09	28 05	18 01	05 05	36 09	36 08	03 07	06 08	03 10	06 04
Lahore	27 07	25 06	24 06	24 07	...	...	—	...	—	...	...
Multan	20 17	31 19	21 19	20 19	20 11						...
Nawab Shah	// //	20 14	22 13	07 04	06 05	04 15	04 15	04 15	03 12	07 16	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	01 11	33 10	28 12	27 13	29 10	28 23	30 34	30 35	...	...
Samungli	...	...	...	...	30 05	29 07	...	...	...	...	...
Sargodha	21 03	16 06	01 06	16 06	01 05	31 06	32 27	30 07	33 13	...	...
Sylhet	19 20	19 20	...	...	...	...	...	...	...	...	...
Vravale	...	—	...	...	—	...	...	...	...	...	...

* The actual time of observation may vary within half an hours 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 —	...	34 06	33 06	34 07	34 09	33 09	32 09	32 12	32 12	32 33	29 39	29 48	...	...	...	...	..	...
Quetta ...																		

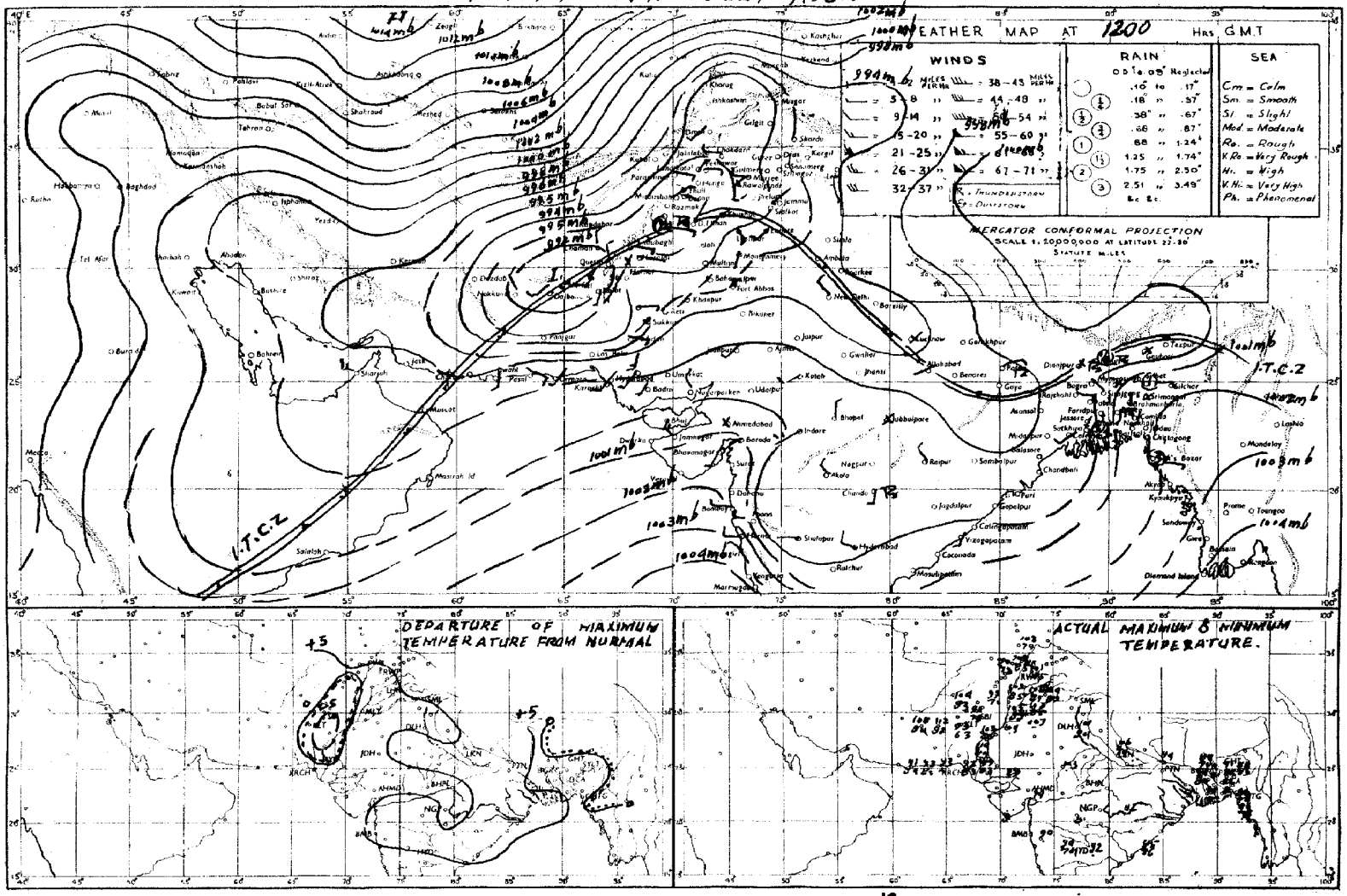
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr 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—8.

PAKISTAN DAILY WEATHER MAP

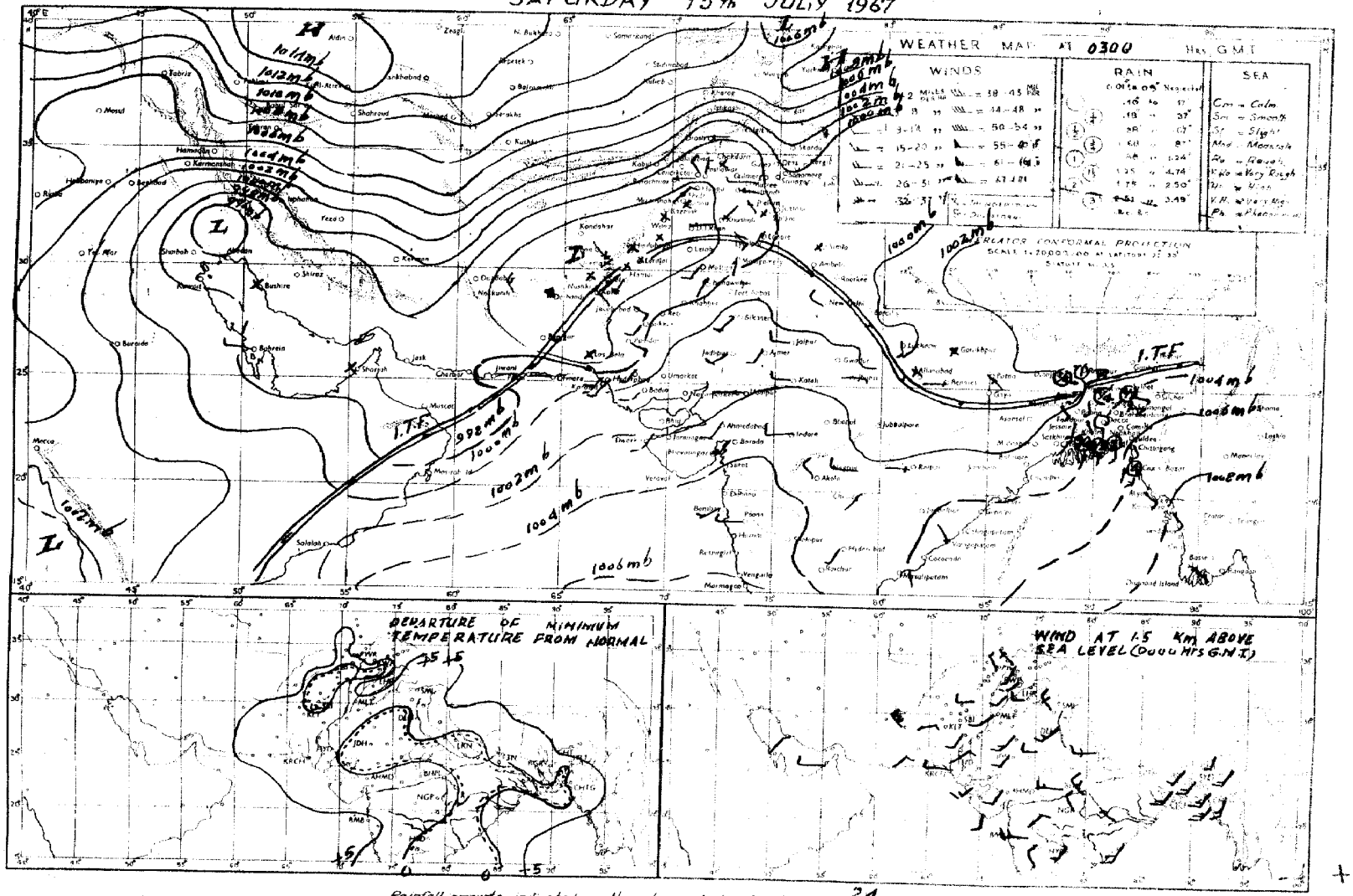
FRIDAY 14th JULY, 1967.



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

SATURDAY 15th JULY 1967



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

Pgees 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

SUNDAY THE 16th JULY, 1967.

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

The seasonal trough of low pressure extending from Kalat division to Sargodha division is well marked and has caused local rain/thundershowers in Rawalpindi division and scattered in Peshawar division.

Axis of monsoon trough runs across Uttar Pradesh to Assam. Monsoon is active over East Pakistan and has caused widespread rain/thundershowers in East Pakistan.

Chief amounts of rainfall are Chittagong 3", Maijdee Court and Bogra 2" each, Sylhet, Murree and Sirajganj 1½" each, Brahmanbaria, Mymensingh (upto 15,1200Z) Dacca and Dinajpur 1"each, Cox's Bazar, Barisal, Jhelum and Kakul 3/4" each and Narayanganj, Faridpur Khulna, Jessore, Pabna, Raishahi (upto 16,0000Z) and Rangpur ½" each.

Day temperatures were 3—6 °F (2—3 °C) below normal in East Pakistan and in Khairpur division and were to same extent above normal elsewhere in West Pakistan outside Karachi and Hyderabad divisions.

Forecastvalid until the evening of 17th July, 1967:- Rain/thundershowers will be fairly widespread in East Pakistan and scattered in Rawalpindi and Lahore divisions and in Kashmir.

Heavy rainfall warning: Locally heavy to very heavy falls may occur in Chittagong, Rajshahi and the northern districts of Dacca division during the next 48 hours.

Karachi-11
The 16th July, 1967.

O B S E R V A T I O N S

(N. A. QURESHI)
for Director, Meteorological Services.

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

Divisions	Stations (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 f (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	Rangamati	011	5	7	18	09	98	50	6	055	79	5	7	5	2	/	76	85
	Cox's Bazar	075	6	8	18	08	97	03	6	043	81	5	9	4	3	/	76	81
	Chittagong	255	9	8	00	00	94	63	6	095	76	8	3	2	2	0	73	83
	Majidee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria	095	5	6	00	00	96	01	6	026	79	6	5	5	0	0	79	85
	Sylhet	003	4	8	19	02	96	03	6	017	82	6	5	4	3	0	77	84
	Srimangal																	
Dacca	Mymensingh	110	4	7	00	00	96	02	6	996	81	7	5	5	0	0	79	81
	Narayanganj	038	6	7	18	02	96	03	6	018	81	4	7	3	3	1	77	86
	Dacca (Tejgaon)	027	1	7	18	02	97	21	6	017	79	1	9	5	2	0	79	85
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	Barisal	019	7	8	33	05	97	02	2	027	8[illegible]	3	3	4	6	0	79	//
	Khulna	007	6	4	18	09	97	02	6	009	85	0	0	9	4	0	75	86
	Satkhira	000	0	4	23	01	96	10	6	990	85	4	5	5	0	0	70	[illegible]
	Jessore	007	7	8	16	15	97	51	6	017	82	7	6	3	2	/	79	98
Rajshahi	Pabna	002	0	7	18	05	98	03	2	009	84	7	0	9	6	0	81	93
	Sirajganj	000	0	8	18	03	97	02	2	999	84	8	0	1	1	0	81	85
	Rajshahi																	
	Bogra	139	2	8	23	03	96	95	9	000	[illegible]	8	9	4	2	0	77	88
	Dinajpur	000	3	8	09	02	96	60	6	991	[illegible]	8	7	6	/	[illegible]	77	86
	Rangpur	050	8	7	18	02	96	01	6	946	85	3	5	6	2	0	67	86
Kashmir	Jammu																	
Lahore	Lahore (Walton)	000	0	1	25	05	94	05	0	932	03	1	0	9	3	0	70	04
	Sialkot	000	0	0	31	01	96	00	0	932	97	0	0	9	0	0	75	//
Rawalpindi	Jhelum	000	0	2	00	00	95	05	0	976	02	1	1	7	0	0	72	04
	Islamabad																	
	Rawalpindi	000	0	6	18	03	98	03	2	918	98	0	0	9	9	0	69	02
	Campbellpur																	
Sargodha	Khushab	000	0	0	09	02	98	00	0	///	05	8	0	9	0	0	80	07
	Sargodha	000	0	1	20	12	96	06	0	933	05	1	5	6	0	0	69	07
	Lyallpur	000	0	0	16	02	96	00	0	923	99	0	0	9	0	0	75	02
Multan	Sahiwal	000	0	1	08	02	96	05	0	933	02	0	0	9	0	0	68	03
	Multan	000	0	0	18	10	96	07	0	920	02	0	0	9	0	0	70	04
	Leiah	000	0	2	25	02	98	03	1	874	12	0	0	9	0	2	34	16
Bahawalpur	Khanpur	000	0	2	32	03	96	01	0	930	03	0	0	9	0	1	67	03
	Bahawalpur	000	0	0	00	00	96	00	0	909	03	0	0	9	0	6	63	04
	Fort Abbas	000	0	0	23	03	98	00	0	892	07	0	0	9	0	0	78	06
Peshawar	Chakdara	000	0	3	23	03	96	03	0	889	99	3	0	9	7	0	71	0[illegible]
	Peshawar	000	0	1	07	02	96	05	0	898	06	1	1	6	0	0	52	07
	Haripur	000	0	0	23	02	96	00	0	927	99	0	0	9	0	0	71	01
D. I. Khan	Bannu	000	0	0	30	02	97	02	0	908	04	0	0	9	0	0	73	04
	D. I. Khan	000	0	0	00	00	98	00	0	913	04	0	0	9	0	0	76	07
Quetta	Sibi	000	0	2	18	07	97	03	0	928	09	2	0	9	2	9	54	10
	Nokkundi	000	0	0	31	23	93	07	0	910	06	0	0	9	0	0	42	08
Kalat	Turbat	000	0	0	18	03	98	02	0	956	04	0	0	9	0	0	03	07
	Jiwani	000	0	7	13	12	96	05	1	964	87	4	6	5	0	1	78	91
	Pasni	000	0	2	18	12	97	02	0	976	90	2	6	5	0	0	76	92
Karachi Division	Ormara	000	0	5	18	14	96	01	2	979	89	3	0	6	3	2	85	92
	Lasbela	...	...	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Airport)	000	0	7	23	09	96	01	2	983	88	4	6	4	2	0	80	92
Hyderabad	Nagarparkar	000	0	0	31	19	97	10	0	968	96	0	0	9	0	0	68	98
	Chore	000	0	0	23	16	96	07	0	966	96	0	0	9	0	0	66	97
	Hyderabad	000	0	6	23	07	97	02	2	966	97	6	6	5	0	0	81	98
	Badin	000	0	4	23	10	98	02	0	993	94	0	0	9	0	0	74	95
Khairpur	Padidan	000	0	7	13	07	95	05	2	938	05	0	0	9	0	6	72	05
	Nawabshah	000	0	6	19	21	96	03	1	957	00	0	0	9	0	6	76	03
	Sukkur	000	0	0	16	05	96	02	0	944	02	0	0	9	0	0	80	04
	Kashmore	000	0	0	18	05	98	02	0	939	03	0	0	9	0	0	74	04
	Jacobabad	000	0	0	18	10	96	05	1	935	03	0	0	9	0	0	79	03
Junagadh	Veraval																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu **																	
	Misgar *																	
	Aliabad *																	
	Gilghit *																	
Rawalpindi	Murree *	046	2	8	13	05	96	95	6	430	64	8	9	3	/	/	59	75
Peshawar	Drosh *	000	0	1	25	09	99	03	0	366	98	/	7	7	0	0	41	04
	Cherat *																	
	Kakul *	035	2	3	36	02	94	05	0	409	79	2	0	9	3	3	67	89
	Landikota *	000	0	0	31	09	95	02	0	399	01	0	0	9	0	0	39	//
	Parachinar *	000	0	1	13	03	96	05	0	392	91	1	1	7	0	0	34	96
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	394	01	0	0	9	0	0	67	02
	Wana *	000	0	4	01	01	98	01	0	493	95	4	0	8	2	2	94	96
Quetta	Fort Sandeman *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hindubag *	000	0	0	13	03	96	02	0	367	97	0	0	9	0	0	33	96
	Loralai *	000	0	0	13	04	97	00	0	378	95	0	0	9	0	0	86	97
	Barkhan *	000	0	0	31	02	97	02	0	466	65	0	0	9	0	0	22	99
	Harnai *	000	0	0	00	00	96	02	0	491	98	0	0	9	0	0	67	99
	Samungli (Quetta) *	000	0	1	31	07	97	02	0	382	97	1	1	6	0	0	41	01
	Chaman *	000	0	0	00	00	98	00	0	401	02	0	0	9	0	0	73	04
	Nushki *	000	0	0	00	00	98	00	0	401	07	0	0	9	0	0	69	08
	Dalbandin *	000	0	0	13	05	94	05	0	405	10	0	0	9	0	0	48	13
Kalat	Kalat *	000	0	0	27	07	98	00	0	389	62	0	0	9	0	0	28	95
	Khuzdar *																	
	Panjgur *																	

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

Divisions	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † W1 (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots f (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature 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	Rangamati	016	9	7	18	09	98	07	6	062	83	4	7	6	7	/	79	7
	Cox's Bazar	075	0	7	18	08	96	//		057	81	5	4	4	3	0	76	77
	Chittagong	258	9	8	16	10	97	02	6	062	81	4	3	4	2	0	77	76
	Majidee Court	235	9	8	13	05	96	03	6	051	81	8	5	4	/	/	79	76
	Comilla	014	5	7	18	05	96	02	6	047	81	7	4	4	/	/	77	76
	Brahmanbaria	115	3	6	[illegible]	07	96	03	6	043	81	6	5	5	0	0	79	76
	Sylhet	128	9	5	18	05	96	61	6	043	77	7	3	4	2	/	76	7[illegible]
	Srimangal																	
Dacca	Mymensingh																	
	Narayanganj	042	0	8	23	03	97	02	2	[illegible]	84	5	7	4	3	1	79	77
	Dacca (Tejgaon)	119	9	7	08	05	97	01	6	033	82	3	4	4	7	0	91	82
	Faridpur	068	3	6	16	02	97	07	2	003	81	5	4	5	1	0	81	76
Khulna	Barisal																	
	Khulna	052	9	4	00	00	97	02	2	042	84	0	0	7	4	0	81	77
	Satkhira	[illegible]	0	4	8	01	96	[illegible]	0	021	88	9	3	6	0	0	43	73
	Jessore	[illegible]	9	7	18	09	97	02	6	031	85	6	6	5	0	8	81	76
Rajshahi	Pabna	[illegible]	9	5	23	09	99	01	6	02[illegible]	82	5	7	5	0	0	7[illegible]	79
	Sirajganj	150	8	8	23	02	98	07	2	027	81	8	4	4	0	0	79	7[illegible]
	Rajshahi																	
	Bogra	121	2	8	0	00	96	02	9	023	79	8	4	4	2	0	76	76
	Dinajpur	056	9	8	18	03	97	12	9	004	82	6	7	4	0	0	76	77
	Rangpur	050	0	6	13	12	96	01	2	02[illegible]	82	6	0	9	2	0	79	79
Kashmir	Jammu																	
Lahore	Lahore (Walton)	000	0	0	23	05	95	00	0	960	90	0	0	9	0	0	69	86
	Sialkot	000	4	0	23	01	96	00	0	951	85	0	0	9	0	0	75	77
Rawalpindi	Jhelum	075	9	4	00	00	96	01	9	956	88	2	0	9	1	1	73	77
	Islamabad																	
	Rawalpindi	000	0	0	09	02	98	00	0	949	88	0	0	9	0	0	72	79
	Campbellpur																	
Sargodha	Khushab	000	0	0	05	03	98	00	0	958	89	0	0	9	0	0	89	75
	Sargodha	000	0	1	20	05	96	06	0	954	91	1	0	9	3	0	69	84
	Lyallpur	000	0	0	16	02	96	00	0	955	88	0	0	9	0	0	73	87
Multan	Sahiwal	000	0	0	18	02	96	02	0	956	89	0	0	9	0	0	62	83
	Multan	000	0	5	18	12	96	02	1	948	88	2	5	6	7	0	71	87
	Leiah	000	0	2	36	03	97	07	0	059	90	0	0	9	0	2	65	79
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur	000	0	4	23	03	96	00	0	960	88	0	0	9	0	2	72	86
	Fort Abbas	000	0	0	27	05	98	00	0	943	99	0	0	9	0	0	75	83
Peshawar	Chakdara	000	0	1	05	02	97	01	0	945	80	1	1	7	0	0	70	74
	Peshawar	000	7	1	00	00	96	05	6	949	91	1	0	9	3	0	69	91
	Haripur	000	0	0	05	01	97	00	0	961	94	0	0	9	0	0	76	85
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	953	89	0	0	9	0	0	79	83
	D. I. Khan	000	0	0	05	02	98	00	0	946	90	0	0	9	0	0	77	//
Quetta	Sibi	000	0	2	23	03	97	03	0	987	92	0	0	9	2	0	39	91
	Nokkundi	000	0	0	31	23	94	07	0	958	86	0	0	9	0	0	36	61
Kalat	Turbat	000	0	2	00	00	97	02	3	992	88	2	5	5	0	0	82	85
	Jiwani	000	0	7	18	07	96	03	2	990	84	3	6	5	0	/	75	82
	Pasni	000	0	1	27	05	97	03	0	981	86	1	6	5	0	0	77	80
Karachi Division	Ormara	000	0	6	27	07	96	01	2	986	85	4	6	4	3	0	83	//
	Lasbela	//	0	1	00	00	97	00	0	001	87	0	0	9	0	0	77	//
	Karachi (Manora)	000	0	8	23	10	95	02	7	986	85	8	6	5	0	0	77	85
	Karachi (Airport)	000	3	8	37	05	96	02	5	985	83	5	0	4	2	1	78	83
Hyderabad	Nagarparkar	000	0	0	31	13	96	01	0	983	86	0	0	9	0	0	68	83
	Chore	000	0	1	20	23	96	07	0	979	85	1	0	4	0	0	77	80
	Hyderabad	000	0	4	23	05	97	03	0	974	87	0	0	9	0	1	80	63
	Badin	000	0	0	23	05	98	02	0	009	83	0	0	9	0	0	77	61
Khairpur	Padidan	000	0	5	13	09	95	05	2	952	80	0	0	9	0	5	75	84
	Nawabshah	000	0	3	18	14	96	03	0	960	87	0	0	9	0	7	77	84
	Sukkur	000	0	0	23	05	96	02	0	953	87	0	0	9	0	0	77	84
	Kashmore	000	0	0	18	05	98	01	0	958	87	0	0	9	0	0	75	84
	Jacobabad	000	0	0	09	03	96	50	5	949	87	0	0	9	0	0	78	85
Junagadh	Veraval																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu **																	
	Misgar *																	
	Aliabad *																	
	Gilghit *																	
Rawalpindi	Murree *	130	9	6	00	00	97	02	9	432	65	4	5	4	5	1	62	59
Peshawar	Drosh *	000	0	0	00	00	97	06	0	415	80	0	0	9	0	0	40	75
	Cherat *	000	0	0	36	01	98	00	0	408	79	0	0	5	0	0	65	76
	Kakul *	071	5	1	36	02	95	86	6	419	77	1	2	9	0	0	66	78
	Landikota *	000	0	0	31	07	94	02	0	405	85	0	0	9	0	0	37	80
	Parachinar *	000	0	0	00	00	56	05	0	414	77	0	0	9	8	0	45	71
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	395	87	0	0	9	0	0	71	80
	Wana *	000	0	0	00	00	99	00	0	485	88	0	0	9	0	0	77	80
Quetta	Fort Sandeman *	000	0	0	00	00	97	02	0	405	80	0	0	9	0	0	68	72
	Hindubag *	000	0	0	00	00	98	02	0	437	80	0	0	9	0	0	55	72
	Loralai *	000	0	0	31	02	98	00	0	390	74	0	0	9	0	0	60	65
	Barkhan *	000	0	0	15	02	98	02	0	479	52	0	0	9	0	0	14	//
	Harnai *	000	0	0	00	00	95	00	2	376	86	0	0	9	0	0	72	83
	Samungli (Quetta) *	000	0	0	00	00	96	04	0	410	75	0	0	9	0	0	54	64
	Chaman *	000	0	0	23	02	98	00	0	429	80	0	0	9	0	0	65	77
	Nushki *	000	0	0	31	03	98	00	0	402	93	0	0	9	0	0	61	84
	Dalbandin *	000	0	0	23	03	94	05	0	418	88	0	0	9	0	0	56	80
Kalat	Kalat *	000	0	0	13	02	98	00	0	431	75	0	0	9	0	0	40	63
	Khuzdar *																	
	Panjgur *																	

Departure from Normal of / Rainfall

Divisions	Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1967 to-date (39)	Departure from normal (40)	Since 1st January 1967 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	—	—	—	—
	Cox's Bazar	— 5	0	59,3	+ 10,6	70.5	143
	Chittagong	— 3	—	36,9	+ 4,3	49.7	108
	Majidee Court		2	39 8	+ 8.[illegible]	61,4	115
	Comilla	—	—	—	—	—	94
	Brahmanbaria	—	—	24,9	+ 5,8	16,6	78
	Sylhet	/	—	—	—	—	—
	Srimangal						98
Dacca	Mymensingh	— 6					97
	Narayanganj	— 3	— 2	—	—	—	74
	Dacca (Tejgaon)	—	—	2,9	—	38,5	—
	Faridpur		— 2	21,5	+ 2,3	28.9	71
Khulna	Barisal	/					81
	Khulna	—	1		—	—	68
	Satkhira	— 2	+ 1	—		—	65
	Jessore		—	—	—	—	65
Rajshahi	Pabna	—		—	—	—	59
	Sirajganj		2	17.5	— 0,7	35,2	64
	Rajshahi						—
	Bogra	— 1	— 3		—	—	69
	Dinajpur	— 3	— 2	20,4	— 2,2	34.3	72
	Rangpur	— 3	+	—	—	—	84
Kashmir	Jammu						
Lahore	Lahore (Walton)	+ 4	+ 7	1,9	— 2,5	6.2	19
	Sialkot	/	— 3	3,0	— 4.7	7,1	32
Rawalpindi	Jhelum	—	—	2 7	—	8,8	—
	Islamabad						
	Rawalpindi	+ 1	+ 2	2,9	— 2.9	13.7	38
	Campbellpur						
Sargodha	Khushab	+ 4	— 7	0,4	— 2 7	6.9	13
	Sargodha	—		0		3.0	—
	Lyallpur	0	+ 5	0.1	— 2,6	4,4	13
Multan	Sahiwal	0	— 1	2.9	+ 0,4	6.7	10
	Multan	+ 2	+ 2	0:2	— 1,2	2,5	7
	Leiah	/	—	0	—	0	8
Bahawalpur	Khanpur	— 2					—
	Bahawalpur	+ (	+ 2	0,3	1,0	1.9	6
	Fort Abbas	—		—	—	—	8
Peshawar	Chakdara	—	—	0.7	—	17,7	—
	Peshawar	+ 5	+ 1	0.1	— 0,8	13.5	11
	Haripur	—	—	2,4	—	13,2	
D. I. Khan	Bannu	—	—	0,0	—	3,0	11
	D. I. Khan	+ 3	/	0,6	— 1,1	4.5	9
Quetta	Sibi	—	—	0.7	—	5.0	5
	Nokkundi			0		0,9	2
Kalat	Turbat	—	—	0	—	0 3	—
	Jiwani	—	—	0	—	1 1	5
	Pasni	0	+ 2	0	— 0,5	0 0	6
Karachi Division	Ormara	—	—	0	— 0 3	0 8	6
	Lasbela		/	0		0	8
	Karachi (Manora)	—	+ 4	1,4	— 0 9	—	8
	Karachi (Airport)			3,2	—	9,3	—
Hyderabad	Nagarparkar	—	—	1.8	—	1,8	—
	Chore	—	—	0,7	—	0,7	7
	Hyderabad	—	+ 2	1,3	— 0,6	3,3	9
	Badin	0	— 1	0,3	— 2.1	2,1	
Khairpur	Padidan	—	—	0,7	—	2,5	—
	Nawabshah	—	—	1,1	—	2,1	—
	Sukkur	—	—	0,1	—	0,8	4
	Kashmore	—	—	1,2	—	1 1	—
	Jacobabad	— 6	0	0	— 0.7	1,5	4
Junagadh	Veraval						20
HILL STATIONS							
Kashmir	Srinagar *						24
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu **						6
	Misgar *						—
	Aliabad *						—
	Gilghit *						5
Rawalpindi	Murree *	+ 1	+ 1	4,9	—	41,3	59
Peshawar	Drosh *	+ 8	+ 2	0.6	—	17.1	18
	Cherat *		+ 5	2 1	— 1,1	15,6	29
	Kakul *	—	—	5,7	—	27,2	—
	Landikota *	—	—	0,7	—	18,6	—
	Parachinar *	+ 9	+ 5	4 8	—	20 5	29
D.I. Khan	Miranshah *	—	—	0,6	— 1,1	2.7	13
	Wana *	—	—	0 9	—	5 8	11
Quetta	Fort Sandeman *		+ 3	0,9	— 0,8	11,5	11
	Hindubag *	—	—	0	—	5,8	—
	Loralai *	—	—	0,1	—	5 0	9
	Barkhan *	—	—	0		0	—
	Harnai *	—	—	1,7	—	10.5	14
	Samungli (Quetta) *	—	—	0	— 0.1	7,5	9
	Chaman *	+ 2	+ 1	0	— 0,2	4.2	8
	Nushki *	—	—	0	— 0.1	3 8	—
	Dalbandin *	+ 4	+ 3	0	— 0,0	1,8	4
Kalat	Kalat *	+ 4	+ 1	0	— 0,5	6.3	7
	Khuzdar *						—
	Panjgur *						5

† 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. is rainfall since 0000 hrs. G.M.T. of the same day

Whenever given for RRR see the summary above is for the actual amounts of rainfall

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 16th JULY, 1967.

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 $N_sCh_sh_s$	O $_s$TT $_s$ T_d T	$Id_wd_wP_wH_w$
1		2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											
Esmaralda	... ...	73 178	578 06	2 18 42	98 02 1	025 27	22 5 00	56 2 14	/ / / / /	05 1 26	11 8 25
Rustom	... ...	73 223	682 12	5 18 09	98 03 1	991 31	34 / / /	...	...	...	...
Sadaqat	... ... —	73 155	719 12	7 29 13	97 02 2	025 32	72 7 32	...	...	...	...
Carpentaria	... ...	73 191	707 12	4 30 09	98 02 1	018 28	22 5 40	75 6 10	/ / / / /	05 2 24	13 0 22
Esmeralda	... ...	73 155	573 12	7 21 34	98 02 2	001 27	00 9 09	56 7 05	/ / / / /	05 2 24	12 1 26
Sadaqat	... ...	73 172	715 18	7 29 09	97 02 2	040 24	71 6 22	...	...	...	...
Esso Hampshire	... ...	73 192	585 18	9 22 16	96 05 4	995 26	/ / / / /	17 2 15	/ / / / /	02 0 24	/ / / / /
Carpentaria	... ...	73 204	700 18	8 30 09	98 02 1	027 28	6 / / / /	75 1 03	/ / / / /	0/ / 24	13 0 22

UPPER AIR DATA

STATION		Time of ascent in G.M.T.	At surface and Standard Isoboric 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
			$PPPTTTT_dT_dT_d$	HHH TTT $T_dT_dT_d$								HHH TTT			
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	—														
Chittagong	...														
Dacca	...	00 00	003 275 255	031 275 999	...	145 185 999	—	305 070 999	...	575 535 999	747 620 999	961 780	243 985	428 090	675 225
Jiwani	...	00 00	992 272 249	...	...	140 232 999	...	308 145 999	...	583 520 999	758 610 999	...	...	...	...
Karachi	...	00 00	995 302 262	...	...	140 222 152	...	307 142 138	...	585 805 805	761 575 575	979 712	267 915	456 075	...
Lahore	...	00 00	970 332 228	...	...	139 242 178	...	306 152 122	...	583 005 999	759 570 999	979 658	...	...	...
Multan	...	00 00	979 315 215	...	...	140 282 182	...	308 162 072	...	584 048 999	761 590 999	980 685	277 788	...	...
Peshawar	...	00 00	958 292 202	...	...	140 228 999	...	306 135 999	...	/// /// //	756 588 999	975 712	...	...	...
Quetta	...														

STATION		Time of ascent in G.M.T.	At Significant Levels: PPP TTT $T_dT_dT_d$									Max Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE St HHHHTT	St. HHHHTT
16		17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	...													
Chittagong	...													
Dacca	—	00 00	900 210 ///	800 130 ///	600 020 ///	350 680 ///	250 850 ///	...	...	...	...	150 225 ///	—	...
Jiwani	...	00 00	900 260 ///	800 210 ///	400 070 ///	...	...	...	...	...	...	400 610 999	...	...
Karachi	...	00 00	900 285 212	800 185 118	600 092 092	350 642 442	250 800 ///	...	...	...	—	150 075 ///	...	...
Lahore	...	00 00	900 285 192	800 205 165	600 070 999	350 618 999	...	...	...	...	...	300 658 ///	...	...
Multan	...	00 00	950 305 205	800 042 132	600 035 005	350 630 ///	250 740 ///	...	—	...	...	280 788 ///	...	...
Peshawar	...	00 00	900 280 ///	800 200 ///	600 070 ///	350 640 ///	250 790 ///	—	...	—	...	250 790 ///	...	...
Quetta	...													

P. P—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. → / 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
Bogra	No	Ascent	...	...	...	...	...	...	...
Chaklala	...	14 13	14 12	16 03	32 06	...	...	...	...
Chhor	22 15	21 16	20 06	20 09	02 02	22 09	10 16	26 08	24 12
Chittgong	No	Ascent	...	...	...	...	...	...	...
Cox's Bazar	...	—	...	...	...	...	...	...	...
Dacca	20 13	22 21	22 16	22 13	24 09	25 08	...	...	...
Dalbandin	...	...	10 05	09 12	10 09	03 05	33 06	34 05	33 05
D. I. Khan	...	...	—	...	...	...	...	...	...
Drosh	...	..	—	...	23 01	21 06	33 01	33 12	32 27
Fort Sandeman	...	...	...	27 03	27 03	31 11	32 11	24 15	...
Jacobabad	15 07	16 09	17 09	17 07	09 07	05 13	33 13	01 18	04 15
Jessore	...	...	...	...	...	...	...	...	...
Jhelum	19 07	17 07	17 09	15 11	20 04	28 14	31 18	30 24	29 27
Jiwani	17 15	14 13	09 06	03 07	35 09	—	...	...	...
Karachi	23 15	23 14	23 15	...	...	...	...	...	—
Khanpur	23 10	21 10	21 09	21 07	15 03	08 07	07 07	10 16	...
Lahore	25 07	22 11	22 11	22 10	22 10	32 08	31 08	30 12	32 22
Multan	20 18	19 17	19 14	17 10	26 03	28 06	34 23	35 23	35 31
Nawab Shah	19 17	20 15	20 09	01 03	04 08	03 10	04 19	03 21	03 15
Panjgur		...	...	...	...	...	...	...	...
Peshawar	...	10 05	17 06	21 07	24 10	28 13	30 23	33 27	...
Samungli	...	...	...	...	18 10	20 16	25 08	26 04	...
Sargodha	13 06	21 05	20 06	21 06	25 05	26 14	34 24	33 27	32 29
Sylhet	19 13	20 20	21 21	...	...	...	...	...	...
Vravale	...	...	...	—	...	—	—	...	—

At 0000 hrs. G.M.T. of date (dd ff)

STATION	0.3	0.6	0.9	1.5	2,1	3.0
	11	12	13	14	15	16
Bogra	23 07					
Chaklala	...	09 10	12 11	12 06	30 15	...
Chhor	22 25	22 20	23 20	22 19	22 05	05 12
Chittgong	19 19	19 27	21 34	22 34	...	...
Cox's Bazar	16 24	17 19	19 17	21 20	22 23	23 24
Dacca	22 13	22 02	22 29	33 35	—	...
Dalbandin	..	...	24 12	25 06	34 01	36 03
D. I. Khan	...	...	...	...	...	...
Drosh	...	...	...	05 01	01 06	35 09
Fort Sandeman	...	...	...	06 09	04 05	32 09
Jacobabad	15 13	17 17	21 17	22 08	22 05	12 07
Jessore	21 27	22 29	22 29	23 27	...	...
Jhelum	07 04	11 07	32 04	27 07	...	...
Jiwani	...	...	...	...	...	...
Karachi	—	...	...		...	...
Khanpur	22 17	22 37	22 19	22 15	24 10	...
Lahore	24 11	25 21	25 19	24 10	28 05	09 07
Multan	20 21	20 21	21 22	23 10	...	...
Nawab Shah	20 27	22 19	23 13	03 07	32 03	08 07
Panjgur	...	...	...	...	...	...
Peshawar	...	32 04	35 06	33 07	29 05	30 19
Samungli						
Sargodha	20 10	21 13	21 09	19 04	10 07	33 05
Sylhet	...	...	...	...	...	...
Vravale	...	...	...	...	...	...

At 0600 G.M.T of date (dd ff)

STATION	0 3	0.6	0.9	1.5	2.1	3.0	5.4	5.4	6.0	7.2	0.9
	17	18	19	20	21	22	23	24	25	26	27
Bogra	21 08	22 15	22 19								
Chaklala	...	14 04	17 04	34 01	02 02	27 10	32 04	01 02	32 06	31 15	...
Chhor	20 14	21 15	22 25	23 25							...
Chittgong	16 24	17 25	19 22	19 20	...	...	...	...	...	...	...
Cox's Bazar	17 15	17 17	19 16	21 17	21 17	22 17	...	...	...	...	...
Dacca	19 17	20 19					...	...	...	...	...
Dalbandin	...	...	25 03	26 09	28 12	29 15	33 11	01 06	36 07	02 05	...
D. I. Khan	...	...	...	...							...
Drosh	...	...	...	...	03 07	02 06	// //	32 19	30 24	30 35	...
Fort Sandeman	...	...	...	33 03	03 01	26 05	28 17				...
Jacobabad	16 14	14 07	18 08	18 07	18 05	34 15	36 37	36 23	01 13	07 04	04 27
Jessore	21 17	23 15	21 26	23 26	23 25				...	...	...
Jhelum	14 04	11 05	10 03	29 09	32 10	30 09	30 13	27 15	...	...	...
Jiwani	17 07	19 06							...	...	...
Karachi	24 16	25 18	25 17	...	...	...	...	...	...	...	...
Khanpur	21 12	21 12	22 10	25 04	25 07	21 06	01 07	04 09	04 23	04 13	...
Lahore	27 07	26 07	27 07	27 08	25 05	33 07	33 14	35 11	35 07	35 17	32 18
Multan	19 19	29 20	19 17	19 12	16 10	16 09	33 10	35 08	36 12	01 26	01 14
Nawab Shah	20 09	23 08	12 05	03 06	02 07	04 07	06 15	05 19	06 20	07 15	07 18
Panjgur	...										
Peshawar	...	06 07	34 08	32 09	29 08	28 10	31 15	35 25	31 29	30 23	29 33
Samungli					35 09	32 08	32 11	31 33	31 15	30 41	29 55
Sargodha	22 03	21 03	20 03	16 05	11 01	25 07	33 17	32 72	02 13	34 14	...
Sylhet	20 09	21 17	21 13	...	...	...	...	...	...	...	...
Vravale	...	—	...	...	...	...	...	...	...	...	...

* The ctual time of observation may vary within halfs an hours 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	—	25 16	25 21	25 17	32 13	32 12	02 16	07 25	07 25	09 19	07 15	06 23	07 38	—	...	...	...	..	...
Peshawar	—		35 03	34 03	33 03	30 04	33 05	31 08	31 15	31 12	29 15	26 15	26 37						
Quetta	...																		

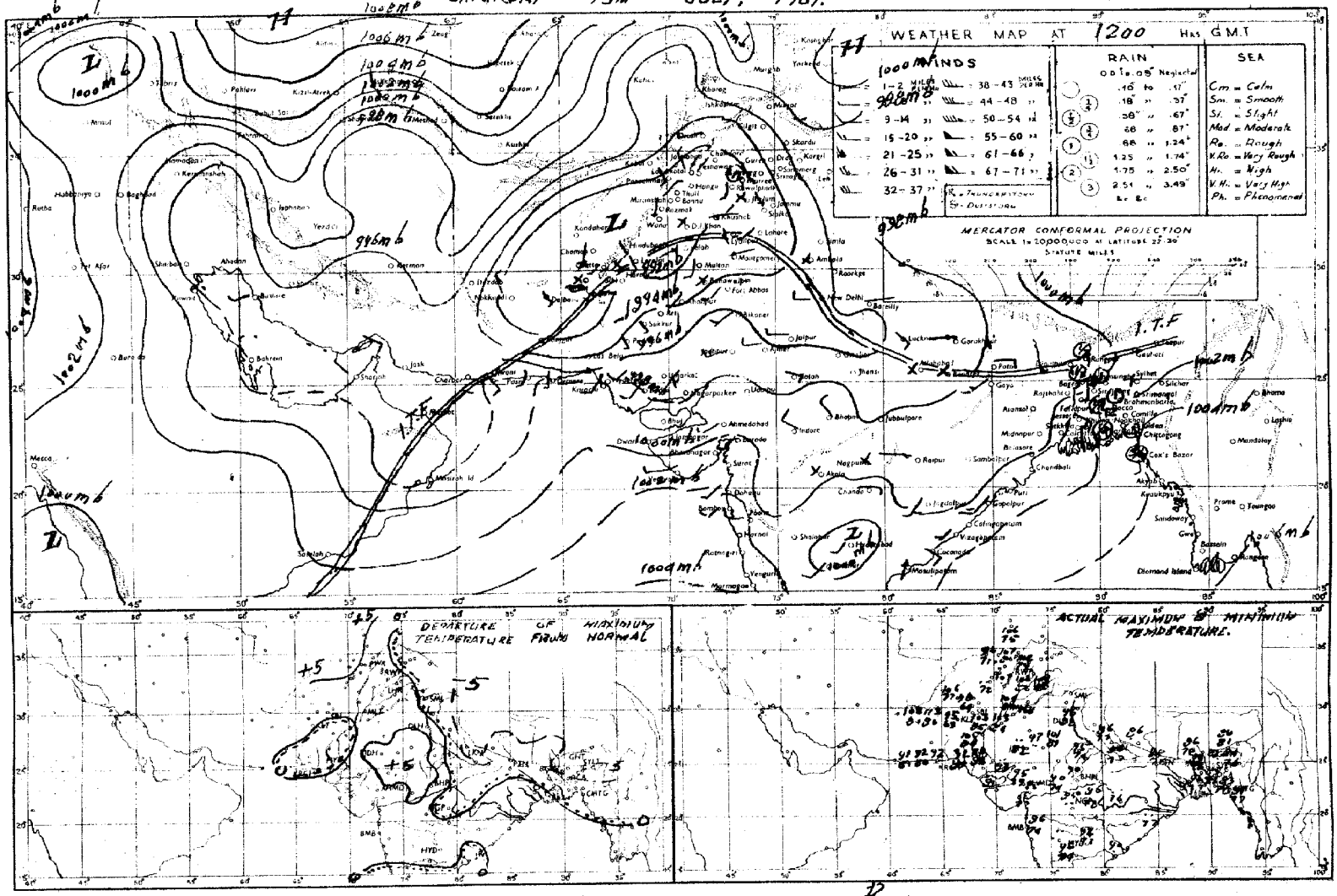
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North throughou East The next two figures give the wind speed "ff" in knots. If wind speeb "ff" exeeds 99 knots, 50 is added to "dd" and the hunbred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained if necessary on application to the Meteorological Weather Bureau, Air Port, KARACHI—8

PAKISTAN DAILY WEATHER MAP

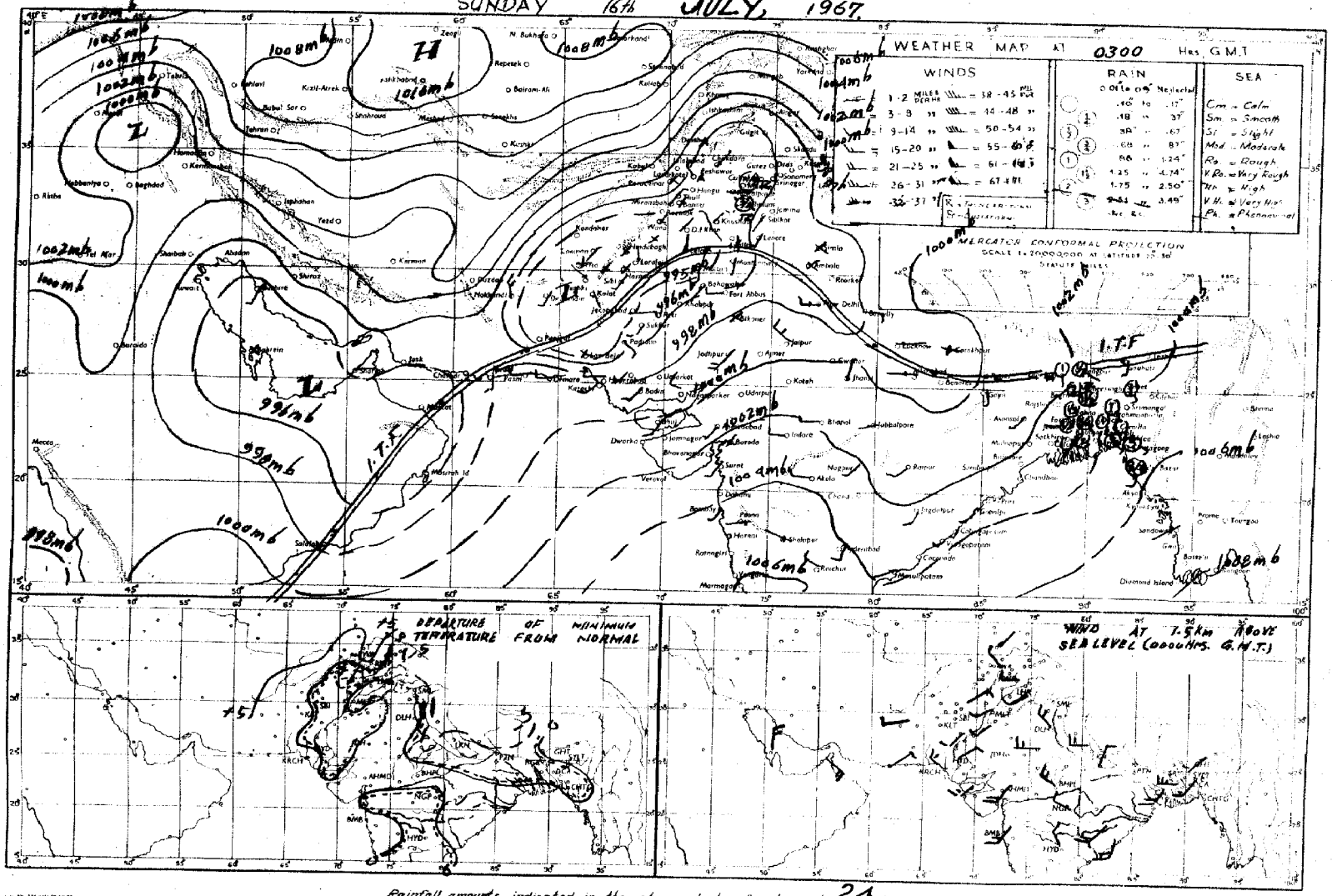
SATURDAY 15th JULY, 1967.



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

SUNDAY 16th JULY, 1967.



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

Pgees 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

MONDAY THE 17th JULY, 1967.

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

A westerly wave is passing north of Afghanistan adjoining Peshawar division. Seasonal trough of low pressure extends from Kalat division to D. I. Khan division and is well marked. Under their influence scattered rain/thundershowers have occured in Peshawar division. A few falls of drizzle have also occured in Karachi division.

Axis of monsoon trough continues to run across Uttar Pradesh to Assam. Monsoon is active over East Pakistan and has caused widespread rain/thundershowers in Dacca division, fairly widespread in Khulna and Rajshahi divisions and local in Chittagong division.

Chief amounts of rainfall are Rajshahi 3", Bogra 1¼", Comilla, Pabna, Barisal (upto 0002) 3/4" each, Sylhet, Narayanganj, Khulna and Rangpur ½" each.

Day temperatures were 3—5 °F (2—3 °C) below normal in Khulna Rajshahi and Khairpur divisions and 3—7°F (2—4°C) above normal in Multan Peshawar divisions

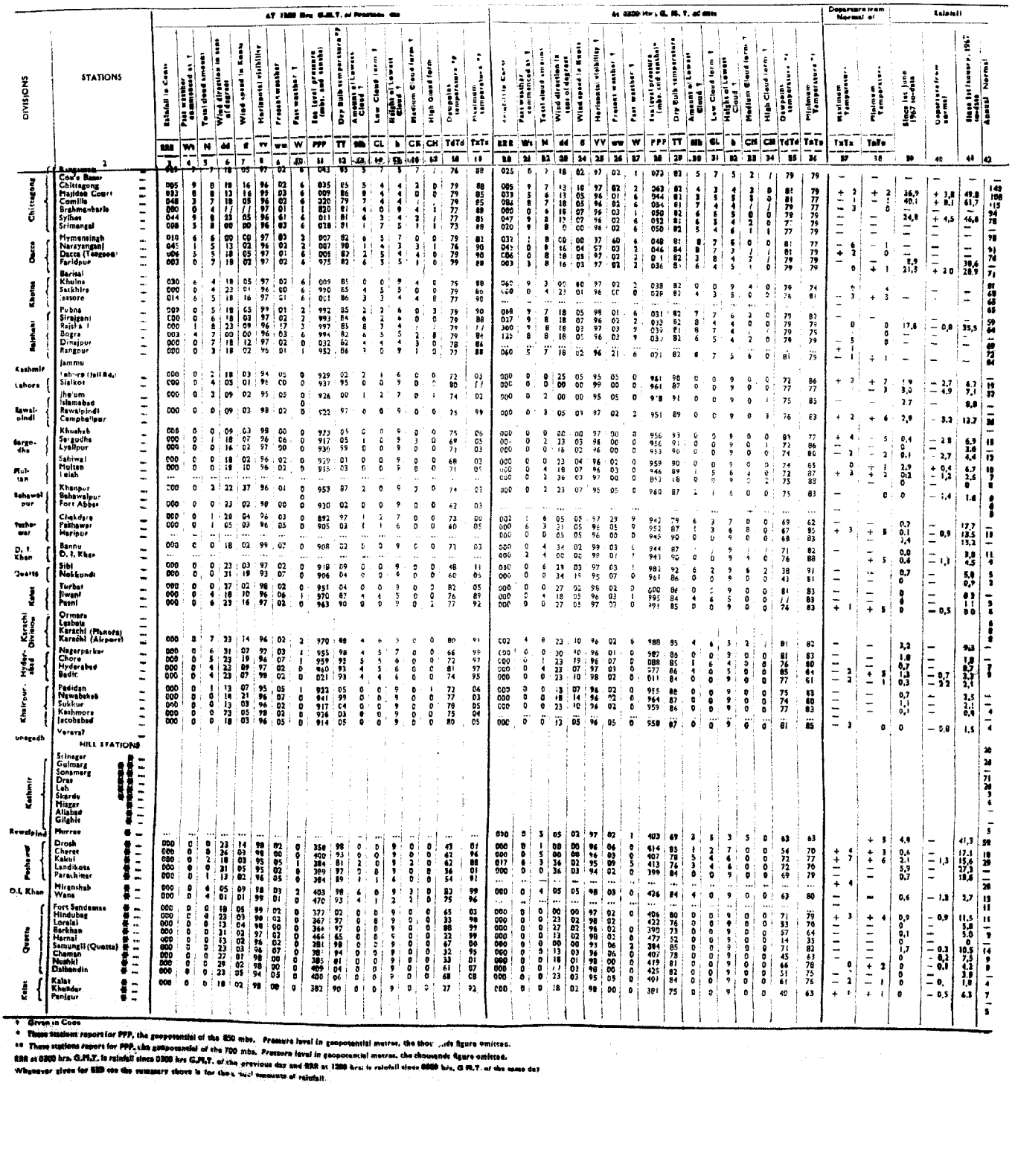
Forecast valid until the evening of 18th July, 1967:- Fairly widespread rain/thundershowers with locally heavy falls in East Pakistan, scattered in Peshawar, Rawalpindi and Lahore divisions and in Kashmir.

Heavy rainfall warning: Locally heavy falls may occur in Dacca, Rajshahi and Khulna divisions.

Karachi-11
The 17th July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meteorological Services.



* 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. is rainfall since 0000 hrs. G.M.T. of the same day

Whenever given for RRR on the summary sheet is for the last 3 hours of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 17th JULY, 1967.

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 $N_sCh_sh_s$	$O_sT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1				2	3	4	5	6	7	8	9	10	11
ARABIAN SEA													
Carpentaria	...	...	...	13 215	693 00	5 28 06	98 02 1	997 28	23 3 20	74 6 10	...	05 4 24	12 8 22
Esso Hampshire	...	...	...	13 212	595 00	3 22 12	97 05 4	979 24	00 9 //	17 5 06	...	00 2 24	// / //
Sadaqat	...	...	—	13 189	705 06	7 29 10	97 02 2	037 31	72 8 22	...	...	...	...
Carpentaria	...	...	...	13 225	685 06	7 25 13	97 25 2	009 28	52 6 1	74 4 00	...	0/ / 24	...
Rustom	...	...	...	13 194	705 06	7 23 05	98 03 1	03/ 30	34 / //	...	...	...	...
Esso Hampshire	...	...	...	13 243	584 12	9 13 09	97 05 4	962 32	00 9 //	77 7 16	...	05 1 28	11 3 21
Carpentaria	...	...	...	13 232	678 12	6 24 10	97 02 1	985 29	21 4 84	74 7 19	...	05 2 2/	12 4 23

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface PPPTTTTdTdTd	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 TdTdTd								HHH TTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	001 258 252	047 257 272	...	141 235 235	...	314 158 999	...	593 048 999	772 525 999	996 615	300 735	517 910	802 102
Dacca ...	00 00	001 280 260	017 275 999	...	140 210 999	—	310 112 999	...	585 575 999	759 620 999	976 725	261 952	448 085	695 220
Jiwani ...	00 00	992 285 252	...	...	138 230 999	...	307 140 999	...	581 520 999	755 632 999	968 740	248 958	440 038	690 235
Karachi ...	00 00	995 282 368	...	...	140 235 999	...	307 155 999	...	586 525 999	754 608 999	975 730	...	...	...
Lahore ...	00 00	971 335 215	...	...	142 262 145	...	310 172 072	...	587 005 582	763 575 999	982 680	117 785	505 825	805 875
Multan ...	00 00	980 310 220	...	...	139 258 185	...	305 162 098	...	587 520 999	756 630 999	970 750	...	...	...
Peshawar ...	00 00	// /// ///	...	...	135 232 999	...	304 132 999	—	578 525 999	752 632 999	965 762	...	...	...
Quetta ...														...

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT TdTdTd									Max Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 225 225	800 215 215	600 11/ ///	441 00/ ///	350 56/ ///	250 70/ ///	—	...	...	100 102 999		...
Dacca ...	00 00	900 25/ ///	800 18/ ///	600 04/ ///	532 00/ ///	350 66/ ///	250 82/ ///	...	...	...	190 220 999		...
Jiwani ...	00 00	900 27/ ///	800 21/ ///	600 04/ ///	350 070 ///	250 86/ ///	...	...	...	...	100 235 999		...
Karachi ...	00 00	900 28/ ///	900 21/ ///	600 11/ ///	350 69/ ///	250 81/ ///	...	...	...	—	250 81/ ///		...
Lahore ...	00 00	900 292 162	800 245 122	600 080 510	497 000 599	350 635 999	250 730 999	...	...	...	100 875 999		...
Multan ...	00 00	900 285 208	800 222 145	600 09/ 068	515 00/ ///	350 69/ ///	250 80/ ///	215 82/ ///	...	...	215 82/ ///		...
Peshawar ...	00 00	600 00/ ///	350 69/ ///	265 82/ ///	...	...	—	...	...	...	265 82/ ///		...
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 G.M.T. of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	5.4	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 22	22 30	22 31								
Chaklala	...	14 04	13 05	23 04	29 08	29 09	31 06	31 20	31 27	...	21 12	11 17	09 02	16 04	20 07	...	09 06	15 05	15 04	20 03	...	...	...	...	...	...
Chhor	22 19	22 20	23 19	23 20	...	...		—	...	22 27	23 30	24 28	23 20	17 06	10 06	20 21	20 10	..	...	...	...	...	...	...	...	...
Chittagong	19 31	20 29	20 29	22 27	23 21	...	...	...	...	11 16	19 20	20 23	...	...	...				...	...	...	...	...	...	...	...
Cox's Bazar	17 21	17 31	24 20	21 11	24 12	25 13	...	...	...	16 17	17 12	17 13	18 11	20 11	23 07	15 12	15 09	14 08	15 10	...	...	...	...	...	...	...
Dacca	18 21	21 31	00 31	23 25	23 31	23 33	...	...	...	19 15	20 02	...	...	...	...	...	...	...	...		...	...	...	...	...	...
Dalbandin	...	...	26 04	25 10	23 06	25 05	26 11	35 03	03 06	—	...	29 07	25 05	28 08	20 09	...	...	25 06	23 07	22 06	24 06	29 07	28 05	28 05	25 09	...
D. I. Khan	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	.	—	...	21 07	21 07	21 09	...	—	...	...	..	21 36	21 06	21 10	...	...	...								
Fort Sandeman	...		...	24 02	22 14	20 08	24 09	...	...	...	...		27 05	31 08	35 15	...	...		27 04	29 03	01 04	01 10	36 12	32 07	31 13	31 31
Jacobabad	15 09	15 09	17 08	04 07	12 14	32 12	35 09	04 19	05 19	16 13	18 12	21 10	30 02	09 02	09 06	13 09	17 07	22 08	22 08	30 07	35 15	02 12	07 08	09 07	01 09	34 13
Jessore	20 24	21 36	21 37	22 26	22 21	...	...	...	...	...						14 07	14 31	15 06	20 04	02 06	32 05	32 10	31 14	...	—	—
Jhelum	...	...	...	...	...	...	...	...	...	12 08	13 10	24 36	24 06	25 07	36 07	...	...									
Jiwani	19 12	19 10	14 05	02 07	...	—	...	...	...	...	...	...	...	...	...	21 09	19 08	...	...	...	...	...	...	...	...	...
Karachi	23 25	23 21	24 17	...	...		...	...								18 15	19 17	20 17	...	—	...	...	...	...	...	...
Khanpur	23 08	21 06	21 07	23 06	24 05	23 05	36 11	35 09	35 09	22 16	22 18	22 19	22 16	28 16	33 12	...	...	...	...	...	...	...	...	...	...	...
Lahore	15 06	20 04	21 03	23 04	31 04	32 10	...	...	...	22 13	24 27	25 21	27 15	30 08	...	27 04	25 04	26 05	24 05	29 08	36 04	33 15	28 15	29 16	...	...
Multan	18 11	19 12	19 15	28 18	17 10	21 12	33 17	35 18	01 22	18 10	19 12	19 13	...	...	...	19 13	19 16	19 16	18 17	17 07	29 13	...	..	...	...	...
Nawab Shah	19 25	21 21	24 15	01 05	04 08	02 07	04 10	05 17	05 19	20 26	22 24	24 16	31 05	27 05	04 07	...	...	...	...	...	...	...	...	—	...	...
Panjgur		...	...	...	...	...	...		...	...			...	...	...	...					...				...	...
Peshawar	...	08 10	10 10	15 11	18 07	20 09	29 25	31 18	30 25	...	02 10	06 06	23 04	11 06	24 10	...	08 06	08 05	17 04	21 08	25 11	—	..	...	...	...
Samungli	...	...	...	...	21 08	18 02	29 06	30 13	30 17				...	...	...					30 05	26 07	28 13	30 17	30 20	31 27	...
Sargodha	22 09	19 04	16 06	19 08	19 04	20 12	34 10	30 20	32 29	21 05	20 07	18 09	...	...	...	21 06	21 07	18 09	17 09	15 11	22 05	29 11	28 10	28 19	28 19	...
Sylhet	18 17	19 21	20 27	...	...	...	...	...	...	18 17	18 20	...	...	...	...	17 17	17 28	19 24	...	...	...	...	...	...	...	...
Vravale	...	...	...	...	...	—	...	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The actual time of observation may vary within half an hours 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 21	27 19	29 10	04 14	06 19	07 23	07 23	07 25	07 22	...	—	...	...	...		...
Peshawar ...																		
Quetta ...																		

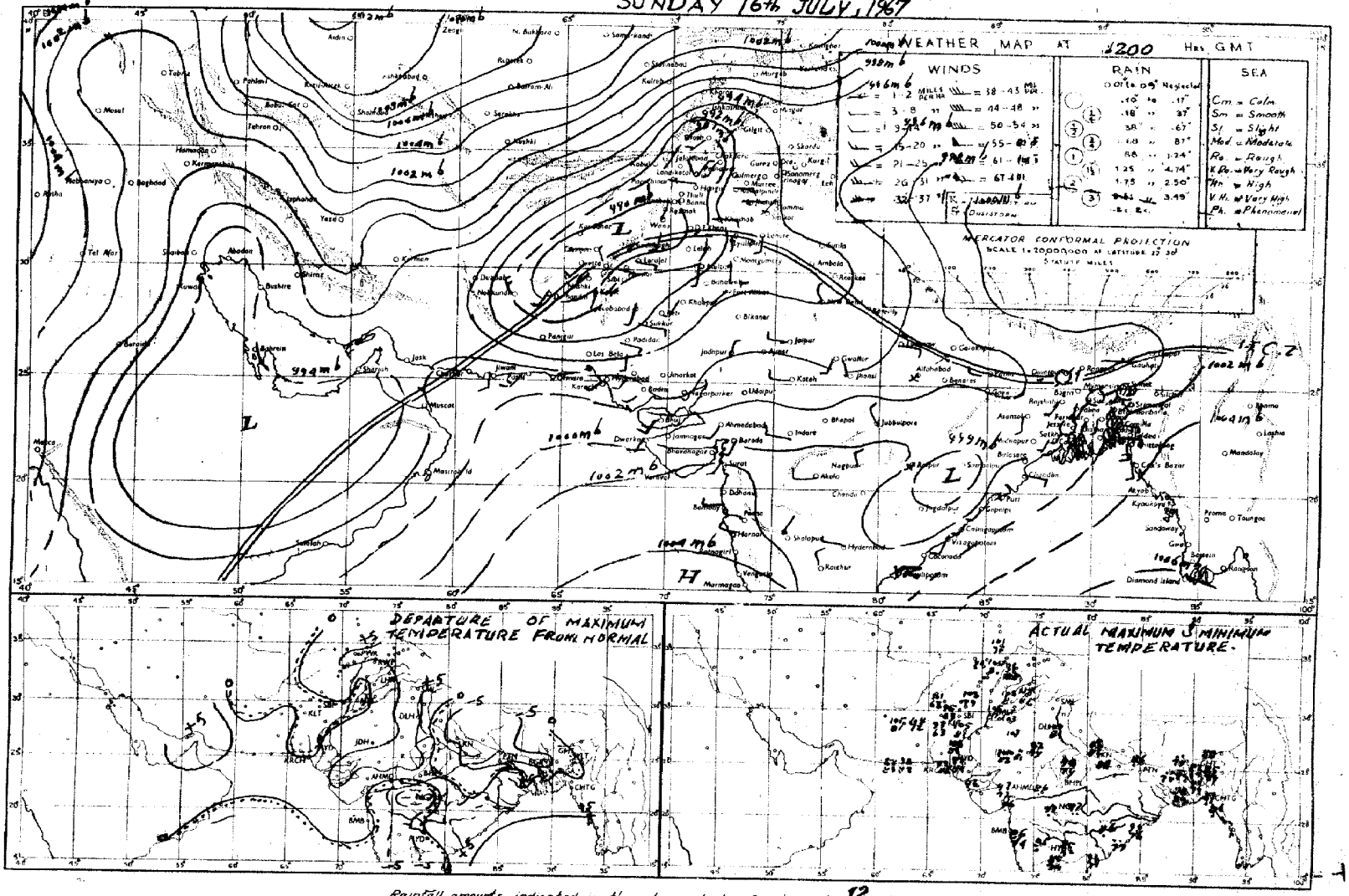
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North throughout East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr etc.)

The accuracy of individual unverifiable reports cannot be guaranteed. Corrections can be obtained if necessary on application to the Meteorological Weather Centre's Air Port, KARACHI—2.

PAKISTAN DAILY WEATHER MAP

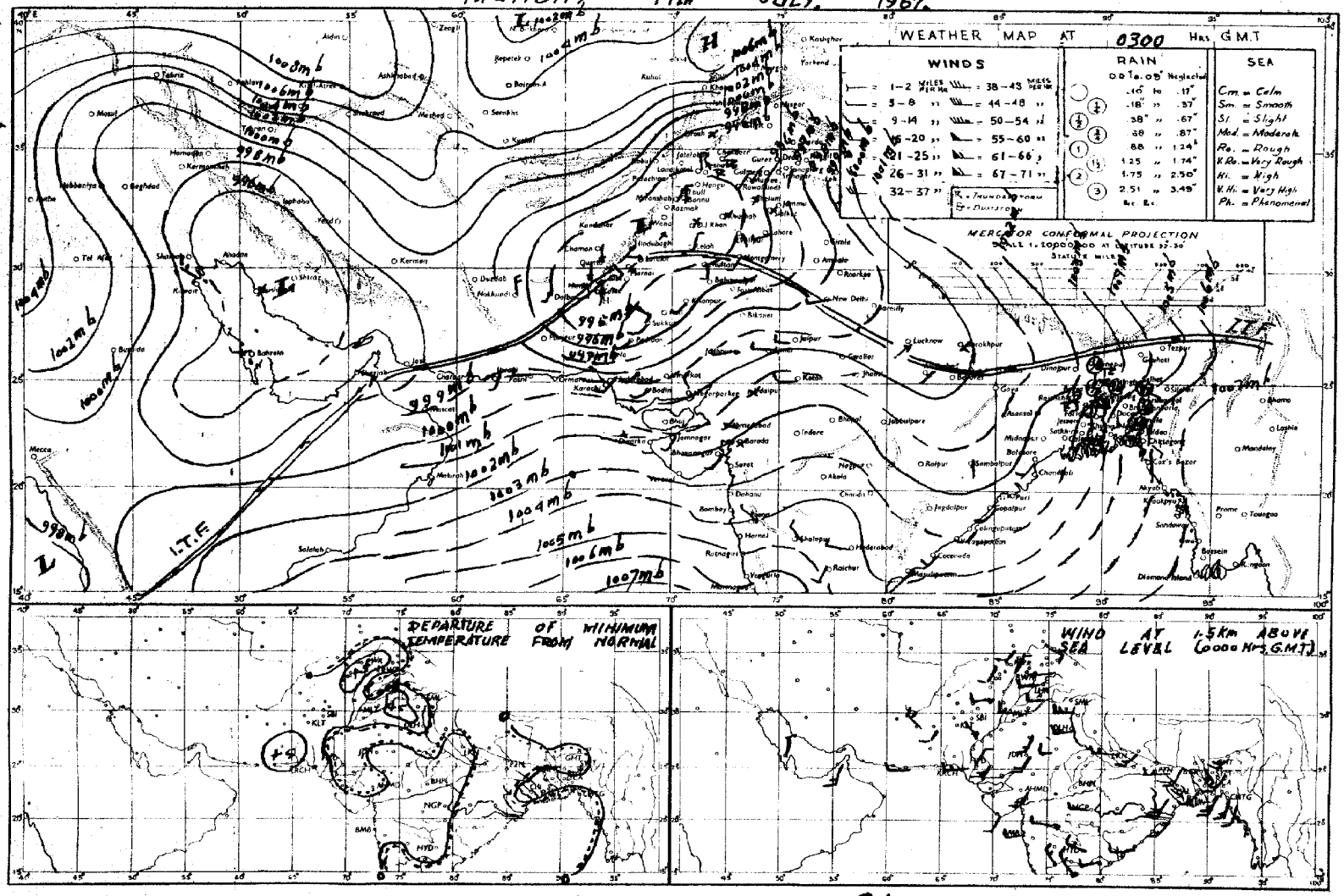
SUNDAY 16th JULY, 1967



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

MONDAY 17th JULY, 1967.



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

Pgees 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

TUESDAY THE 18th JULY, 1967.

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

Yesterday's westerly low pressure wave is moving away across north of Kashmir.

A feeble western disturbance lies over Russian Turkistan northeast of Afghanistan.

The axis of monsoon trough has shifted southwards and now runs across north Rajistan, south Uttar Pradesh and north east Bay of Bengal. In its association incursion of monsoon is occuring in the northern divisions of West Pakistan, and has caused local rain/thundershowers in Rawalpindi division scattered in D. I. Khan division and a few falls of light rain or thunderstorms in Sargodha, Multan, Bahawalpur and Peshawar divisions.

Monsoon is modrate over East Pakistan and has caused widespread rain/thundershowers in Dacca division, fairly widesdread in Khulna division, local in Rajshahi division and scattered in Chittagong division.

Chief amounts of rainfall are Rangpur 3" D.I. Khan 1½", Narayanganj, 1" Murree 3/4" and Dacca, Khulna and Bogra ½" each.

Day temperatures were 3—9 °F (2—5 °C) below normal in Rawalpindi, Bahawalpur, Khairpur and Rajshahi divisions.

Forecast valid until the evening of 19th July, 1967:- Rain/thundershowers will be fairly widespread in Lahore and Rawalpindi divisions, local in East Pakistan, Kashmir and in Sargodha divisions and scattered elsewhere in West Pakistan outside Karachi and Kalat divisions.

Karachi-11
The 18th July, 1967.

(N. A. QURESHI)
for Director, Meteorological Services.

OBSERVATIONS

AT 1200 Hrs. G.M.T. of previous day

DIVISIONS	STATIONS (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 f (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	Rangamati	009	2	7	18	02	96	60	6	954	82	5	7	5	2	/	79	90
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chittagong	053	2	8	18	16	94	61	6	045	83	6	3	3	2	0	69	85
	Majidee Court	000	0	8	18	12	95	03	0	024	85	5	4	5	/	0	80	85
	Comilla	000	0	8	18	82	//	//	/	//	//	/	/	/	/	/	//	//
	Brahmanbaria	018	5	8	18	02	97	03	6	039	80	5	5	2	/	/	77	86
	Sylhet	010	4	6	9	17	56	61	6	019	77	7	3	3	2	/	75	87
	Srimangal	000	4	6	0	0	96	17	0	038	85	5	9	3	3	/	79	87
Dacca	Mymensingh	015	2	5	00	00	97	0.	2	043	79	5	5	6	—	—	75	87
	Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dacca (Tejgaon)	045	6	7	18	05	18	02	6	035	80	3	8	4	7	1	77	87
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	Barisal	000	0	8	18	02	96	02	3	025	85	8	7	6	/	/	79	91
	Khulna	040	9	5	00	00	97	02	2	022	80	0	0	9	4	0	79	89
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	011	5	7	13	10	97	02	6	027	80	3	4	5	4	0	78	87
Rajshahi	Pabna																	
	Siraiganj																	
	Rajshahi	000	5	8	05	02	96	03	6	005	//	8	7	6	/	/	77	86
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinajpur	010	3	5	09	02	96	03	6	005	82	5	5	6	—	—	79	86
	Rangpur	310	5	6	18	02	96	91	8	953	80	6	0	9	2	0	79	85
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	9	36	13	94	07	0	954	90	9	/	/	/	.	71	03
	Sialkot	000	0	6	05	01	97	00	3	949	82	6	4	5	—	—	67	00
Rawalpindi	Jhelum	019	2	7	00	01	96	12	/	946	86	4	9	6	7	0	72	10
	Islamabad	—																
	Rawalpindi	003	6	7	00	00	98	02	9	556	80	0	0	9	9	0	71	83
	Campbellpur	—																
Sargodha	Khushab	000	0	6	14	07	97	03	3	947	89	6	7	7	0	0	78	05
	Sargodha	000	2	4	09	12	97	17	9	964	89	4	9	6	/	.	72	05
	Lyallpur	000	0	4	36	07	97	09	0	960	95	4	3	8	0	1	74	04
Multan	Sahiwal	000	0	0	23	02	96	05	0	935	00	0	0	9	0	0	70	03
	Multan	000	0	0	23	09	96	02	0	912	03	0	0	9	1	0	74	04
	Leiah	—																
Bahawalpur	Khanpur	001	0	1	21	03	96	02	0	916	03	0	0	9	0	0	71	04
	Bahawalpur	000	0	2	20	02	96	00	0	914	04	0	0	9	0	/	69	04
	Fort Abbas	000	0	0	23	02	98	00	0	926	04	0	0	9	0	0	55	05
Peshawar	Chakdara	000	0	3	27	07	97	03	1	010	91	0	0	9	0	0	79	92
	Peshawar	000	5	7	05	03	97	17	9	933	87	5	9	6	2	0	65	93
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. I. Khan	090	3	6	05	34	97	07	1	937	00	0	0	9	6	0	79	04
Quetta	Sibi	000	0	2	18	03	97	03	1	911	10	2	0	9	2	1	52	12
	Nokkundi	000	0	0	31	16	94	07	0	900	05	0	0	9	0	0	61	05
Kalat	Turbat	000	0	0	23	03	98	02	0	949	04	0	0	9	0	0	82	05
	Jiwani	000	0	5	23	10	97	02	1	970	89	5	4	6	0	0	76	91
	Pasni	000	0	0	23	27	96	02	0	965	89	0	0	9	0	0	75	94
Karachi Division	Ormara	000	0	2	27	16	96	03	0	964	89	2	0	9	3	0	82	92
	Lasbela	—																
	Karachi (Manora)	000	0	1	23	05	97	03	1	969	89	0	0	9	0	7	80	91
	Karachi (Airport)	000	0	4	25	17	96	01	1	964	90	4	6	5	0	0	80	96
Hyderabad	Nagarparkar	000	0	0	31	09	97	03	1	946	98	0	0	9	0	0	63	00
	Chore	000	0	3	20	19	96	07	1	949	96	3	5	6	0	0	73	08
	Hyderabad	000	0	3	23	07	97	01	0	949	96	3	5	6	8	0	82	00
	Badin	000	0	4	23	10	99	02	0	973	95	4	4	6	0	0	75	97
Khairpur	Padidan	000	0	0	13	05	96	02	0	915	07	0	0	9	0	0	69	08
	Nawabshah	000	0	0	19	14	96	02	0	925	04	0	0	9	0	0	73	07
	Sukkur	000	0	0	13	02	97	02	0	921	06	0	0	9	0	0	78	08
	Kashmore	—																
	Jacobabad	000	0	0	18	05	97	02	0	914	04	0	0	9	0	0	76	15
Junagadh	Veraval	—																
	HILL STATIONS																	
Kashmir	Srinagar *	—																
	Gulmarg **	—																
	Sonamarg **	—																
	Dras **	—																
	Leh **	—																
	Skardu **	—																
	Misgar *	—																
	Aliabad *	—																
	Gilgit *	—																
Rawalpindi	Murree *	075	3	6	29	05	97	02	0	416	78	6	5	3	.	.	51	70
Peshawar	Drosh *	000	1	6	31	05	96	17	0	352	91	6	9	7	—	.	39	98
	Cherat *	009	8	8	36	02	96	10	6	404	75	8	4	5	—	.	67	81
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Landi Kotal *	000	0	6	09	06	94	03	6	378	82	2	0	9	3	0	62	92
	Parachinar *	000	0	5	05	09	96	17	0	385	77	3	9	6	7	0	59	88
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	384	96	0	0	9	0	0	77	//
	Wana *	000	0	5	01	01	98	01	0	461	90	5	0	8	2	3	90	96
Quetta	Fort Sandeman *	000	0	8	18	05	09	03	—	375	01	0	0	8	0	4	44	02
	Hindubag *	000	0	0	23	03	98	02	0	365	97	0	0	9	0	0	66	00
	Loralai *	000	0	2	13	04	97	01	0	366	96	0	0	9	2	0	88	90
	Barkhan *	000	0	0	31	02	97	02	0	466	65	0	0	9	0	0	22	99
	Harnai *	000	0	0	00	00	96	02	0	381	99	0	2	9	0	0	60	00
	Samungli (Quetta) *	000	0	1	31	07	97	02	0	368	96	1	1	6	0	0	41	00
	Chaman *	000	0	0	23	01	98	00	0	385	99	0	0	9	0	0	63	01
	Nushki *	000	0	0	31	05	98	00	0	409	04	0	0	9	0	0	61	06
	Dalbandin *	000	0	0	00	00	95	05	0	395	03	0	0	9	0	0	70	05
Kalat	Kalat *	000	0	0	37	05	98	00	0	375	90	0	0	9	0	0	37	33
	Khuzdar *	—																
	Panjgur *	—																

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

STATIONS	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 f (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths) PPP (28)	Dry Bulb temperature 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)
Rangamati	009	0	2	27	02	58	01	0	086	85	1	8	7	3	1	73	75
Cox's Bazar	//	:	6	13	09	97	03	2	070	85	3	9	4	3	1	//	//
Chittagong	06	9	2	13	02	97	02	0	077	85	2	8	4	3	0	77	77
Majidee Court	006	9	2	13	05	97	02	0	062	85	2	2	4	/	/	85	79
Comilla	000	0	2	18	05	96	02	0	074	86	2	4	7	/	/	77	79
Brahmanbaria	018	0	4	05	02	97	03	1	081	85	2	4	5	4	0	78	77
Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Srimangal	003	0	2	00	10	96	01	0	077	85	0	0	9	0	1	73	75
Mymensingh	015	0	5	13	02	97	02	.	084	85	5	5	6	/	/	78	77
Narayanganj	128	0	5	13	02	97	02	1	072	87	3	7	5	3	/	//	79
Dacca (Tejgaon)	045	9	5	09	05	97	01	2	073	85	4	8	4	4	0	78	79
Faridpur	013	0	7	16	05	97	02	0	031	86	5	4	5	/	0	80	79
Barisal	003	0	6	09	02	96	02	2	052	86	6	6	6	-	-	77	73
Khulna	540	9	3	00	00	97	01	/	063	86	0	0	9	4	0	77	78
Satkhira	040	0	2	13	01	96	0.	0	053	86	2	0	9	1	/	79	77
Jessore	012	1	6	13	05	97	21	2	066	82	4	4	4	3	/	79	79
Pabna																	
Siraiganj	000	0	8	18	03	98	02	2	071	82	4	4	4	8	0	78	77
Rajshahi	003	3	8	13	03	97	03	6	068	82	8	7	4	/	/	78	79
Bogra	045	9	8	13	05	96	02	6	075	83	6	5	4	2	0	77	75
Dinajpur	010	3	7	19	02	96	03	2	070	80	7	5	6	/	/	78	73
Rangpur	334	6	7	00	00	96	51	6	995	79	7	5	6	/	/	79	77
Jammu																	
Lahore (Jail Rd.)	003	7	0	05	03	95	05	0	991	87	0	0	9	0	0	79	83
Sialkot	004	0	0	00	00	99	00	0	993	88	0	0	9	0	0	80	75
Jhelum	025	1	6	36	02	96	29	9	117	77	3	9	6	7	0	73	75
Islamabad																	
Rawalpindi	003	5	4	36	03	98	01	9	011	81	2	2	7	7	0	69	73
Campbellpur																	
Khushab	000	0	7	00	00	97	91	2	001	88	0	0	9	7	0	68	75
Sargodha	//	/	6	09	12	97	93	9	003	87	3	5	6	3	0	71	83
Lyallpur	000	0	4	00	00	96	02	3	977	86	4	0	9	4	0	74	83
Sahiwal	000	0	4	36	02	96	03	0	996	86	1	1	6	5	0	73	82
Multan	000	7	3	05	02	97	02	9	004	85	2	0	9	3	1	72	76
Leiah																	
Khanpur	000	0	0	00	00	94	06	4	599	85	0	0	9	0	0	72	81
Bahawalpur	000	6	2	23	02	96	00	3	012	88	0	0	9	0	0	73	84
Fort Abbas	000	0	0	18	02	98	00	0	992	95	0	0	9	0	0	70	85
Chakdara	003	0	4	05	05	97	03	1	000	79	4	0	9	3	0	78	69
Peshawar	000	9	6	00	00	97	02	9	011	84	2	5	7	3	1	81	//
Haripur	00.	3	4	05	01	97	03	2	018	83	4	9	3	—	.	73	72
Bannu	003	0	3	02	02	99	02	2	024	82	0	0	9	/	/	76	74
D. I. Khan	150	3	6	05	02	98	01	1	997	93	0	0	9	6	0	76	75
Sibi	000	0	2	23	03	97	03	1	994	92	2	0	9	2	0	51	90
Nokkundi	000	0	0	34	23	95	05	0	959	87	0	0	9	0	0	44	82
Turbat	000	0	0	00	00	98	02	0	013	85	0	0	9	0	0	82	82
Jiwani	000	0	1	23	05	97	01	0	005	84	1	6	5	0	0	75	82
Pasni	000	0	1	27	03	97	02	0	005	84	1	6	5	0	0	77	81
Ormara	000	0	5	27	07	96	02	2	998	85	2	0	6	3	2	79	//
Lasbela																	
Karachi (Manora)	000	0	6	27	07	96	0.	1	994	85	6	6	4	/	/	79	83
Karachi (Airport)	00.	0	5	25	10	96	01	5	992	86	5	6	4	/	/	81	80
Nagarparkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chore	000	0	2	23	12	96	03	0	00	85	2	6	5	0	0	78	84
Hyderabad	000	0	2	23	05	97	01	1	59	87	2	0	9	3	0	82	85
Badin	.00	0	3	23	07	98	03	0	007	85	3	4	6	0	0	76	81
Padidan	000	0	0	13	07	96	02	0	981	87	0	0	9	0	0	75	88
Nawabshah	000	0	0	18	14	96	0.	0	985	86	0	0	9	0	0	75	83
Sukkur	00	0	6	13	05	97	03	0	993	85	6	0	9	9	0	76	83
Kashmore																	
Jacobabad	000	0	0	11	07	96	05	0	994	88	0	0	9	0	0	80	86
Veraval																	
HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu **																	
Misgar *																	
Aliabad *																	
Gilgit *																	
Murree *	081	2	6	00	00	97	02	9	455	67	6	5	3	—	—	56	57
Drosh *	000	0	3	00	00	97	06	0	449	78	1	1	7	3	0	58	75
Cherat *	009	0	6	36	02	97	02	2	460	76	6	4	7	.	—	62	69
Kakul *	008	—	3	13	02	95	05	1	455	76	3	4	6	—	.	65	65
Landi Kotal *	000	0	4	36	03	94	03	0	451	80	0	0	9	2	0	65	73
Parachinar *	002	9	3	27	03	57	17	9	452	67	2	9	6	2	0	63	61
Miranshah *	000	0	4	04	05	97	02	2	443	80	4	0	9	4	0	71	76
Wana *	000	0	0	00	00	99	00	0	477	83	0	0	9	0	0	77	83
Fort Sandeman *	000	0	4	36	02	97	03	0	435	75	0	0	9	0	3	66	73
Hindubag *	000	0	0	00	00	98	02	.	427	76	0	0	9	0	0	53	70
Loralai *	000	0	4	13	02	97	01	0	421	79	0	0	9	0	2	67	67
Barkhan *	000	0	0	13	02	98	02	0	459	79	0	0	9	0	0	56	57
Harnai *	000	0	6	00	00	93	03	2	411	83	5	2	6	0	2	71	82
Samungli (Quetta) *	000	0	0	23	03	95	05	0	431	76	0	0	9	0	0	62	73
Chaman *	000	0	0	18	01	92	00	0	412	80	0	0	9	0	0	71	79
Nushki *	000	0	0	00	00	98	00	0	398	85	0	0	9	0	0	46	77
Dalbandin *	000	0	0	27	02	95	05	0	417	66	0	0	9	0	0	37	77
Kalat *	000	0	0	13	02	96	00	0	440	72	0	0	9	0	0	32	61
Khuzdar *																	
Panjgur *																	

Departure from Normal of / Rainfall

STATIONS	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1967 to-date (39)	Departure from normal (40)	Since 1st January, 1967 to-date (41)	Annual Normal (42)
Rangamati	—	—	—	—	—	—
Cox's Bazar		/	—	—	—	149
Chittagong	— 1	— 0	37,0	+ 3,2	10,0	108
Majidee Court	— 1	+ 1	40.1	+ 7,1	61,8	115
Comilla	/	+ 2	—	—	—	94
Brahmanbaria	—	—	25,0	+ 4,4	46,8	78
Sylhet	—					—
Srimangal	—	—	—	—	—	98
Mymensingh	— 1	— 1	—	—	—	91
Narayanganj		0	—	—	—	74
Dacca (Tejgaon)	—	0	9,4	—	39,1	—
Faridpur		+ 1	31.6	+ 1.8	29.0	71
Barisal	+ 4	— 6	—	—	—	81
Khulna	0	0	—	—	—	68
Satkhira		1	—	—	—	65
Jessore	—	—	—	—	—	65
Pabna						59
Siraiganj		— 2	17.8	— 1.1	35,5	84
Rajshahi	— 3	0	—	—		—
Bogra		4	—	—	—	69
Dinajpur	+ 7	0		—	—	72
Rangpur	— 4	1	—		—	84
Jammu						—
Lahore (Jail Rd.)	+ 3	+ 4	1.9	— 2.8	6.7	19
Sialkot	+ 3	— 5	3,0	— 5,1	7,1	32
Jhelum	—	—	3.0	—	9,0	—
Islamabad						—
Rawalpindi	— 11	— 4	2,9	3.5	13.7	34
Campbellpur						—
Khushab	+ 3	— 7	0.4	— 2.9	6.9	19
Sargodha	—	—	0	—	3.6	—
Lyallpur	+ 3	+ 1	0.1	— 2.8	4,4	12
Sahiwal	0	— 2	2.9	+ 0.3	6.7	10
Multan	+ 2	— 9	0.2	— 1,2	2,5	7
Leiah						8
Khanpur	— 3	— 2	0	— 1,5	1.6	6
Bahawalpur	— 1	0	—	—	—	6
Fort Abbas	—	—	—	—	—	8
Chakdara	—	—	0.7	—	17,7	—
Peshawar	— 9	/	0.1	— 0,9	13.5	11
Haripur		—	2,4	—	3.2	—
Bannu	—	—	0	—	3,0	11
D. I. Khan	+ 1	— 8	2,1	— 0,3	6.1	9
Sibi	—	—	0.7	—	5,0	5
Nokkundi	—	—	0	—	0,9	2
Turbat	—	—	0	—	0.3	—
Jiwani	—	—	0	—	1 ?	5
Pasni	+ 3	+ 3	0	— 0,5	0 0	6
Ormara	—	/	—	—	—	6
Lasbela						8
Karachi (Manora)	+ 3	+ 2	—	—	—	8
Karachi (Airport)		—	3,2	—	9,3	—
Nagarparkar	—					—
Chore	—	—	0,7		0,7	7
Hyderabad	+ 1	+ 2	1,3	— 0,9	3,3	9
Badin	0	— 1	0,3	— 2 2	2,1	
Padidan	—	—	0,7	—	2,5	—
Nawabshah	—	—	1,1	—	2,1	—
Sukkur	—	—	0,1	—	0.9	4
Kashmore						—
Jacobabad	— 3	+ 1	0	— 0,8	1,5	4
Veraval						20
HILL STATIONS						
Srinagar *						26
Gulmarg **						—
Sonamarg **						71
Dras **						26
Leh **						3
Skardu **						6
Misgar *						—
Aliabad *						—
Gilgit *						5
Murree *	— 3	— 1	5,7	—	42,1	59
Drosh *	+ 1	+ 2	0,6	—	17.1	18
Cherat *	— 8	— 2	2 2	— 1,3	15,7	29
Kakul *		—	6,0	—	27,4	—
Landi Kotal *	—	—	0,7	—	19,6	—
Parachinar *	+ 1	— 5	—	—	—	29
Miranshah *	/	—	0,6	— 1,3	2,7	13
Wana *	—	—	—	—	—	11
Fort Sandeman *	+ 2	— 2	0,9	— 0.9	11.5	11
Hindubag *	—	—	0	—	5,8	—
Loralai *	—	—	0,1	—	5 0	9
Barkhan *	—	—	0	—	—	—
Harnai *	—	—	1,7	— 0.3	10.5	14
Samungli (Quetta) *	—	—	—	—	—	9
Chaman *	—	+ 3	0	— 0.1	4.2	8
Nushki *	—	—	0	—	3.8	—
Dalbandin *	— 5	0	0	— 0	1,8	4
Kalat *	+ 2	— 1	0	— 0,6	4.3	7
Khuzdar *						—
Panjgur *						5

† [illegible] 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. is rainfall since 0300 hrs. G.M.T. of the same day

Whenever given for RRR see the summary above is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 18th JULY, 1967.

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_sCh h	O $T T_s T_d T$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Sadaqat	23 221	682 06	4.25 09	97 02 1	001 32	42 8 87	...	...	...	...
Fatehabad	23 224	476 13	5 23 09	98 02 2	983 29	44 2 00	33 6 18	/ / / / /	0 / / / /	12 3 82
Kamapala	23 105	666 18	8 22 08	98 02 2	087 28	/ / / / / /	16 2 11	88 4 / /	00 0 / /	12 2 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	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 $T_dT_dT_d$								HHH TTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra —														
Chittagong ...	00 00	000 252 242	058 252 238	...	140 008 208	...	311 122 122	...	587 015 999	463 575 999	481 702	269 892		
Dacca ...	00 00	004 272 255	047 268 959	...	140 195 999	—	312 115 999	...	586 518 999	761 621 999	975 752	255 965	476 042	685 250
Jiwani ...	00 00	992 282 238	...	...	140 232 999	...	308 165 999	...	585 505 999	758 645 999	971 765	252 970	440 095	...
Karachi ...	00 00	996 312 252	...	...	140 215 162	...	308 160 999	...	583 538 999	757 655 999	971 755	251 990	438 098	...
Lahore ...	00 00	974 322 245	...	...	140 272 115	...	311 185 135	...	583 800 999	759 595 999	977 690	...	434 145	...
Multan ...	00 00	984 265 215	...	...	140 235 198	...	309 132 108	...	580 610 999	749 675 999	961 755	251 850	...	—
Peshawar ...														
Quetta ...	00 00	814 235 162	...	...	/// /// ///	...	309 185 825	...	589 028 999	165 590 999	982 732	268 900	—	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 225 225	800 012 515	600 060 ///	350 640 ///	250 900 ///	...	...	...	...	150 042 ///	...	...
Dacca —	00 00	900 210 ///	800 180 ///	600 050 ///	350 695 ///	250 850 ///	...	...	...	...	100 250 ///	—	—
Jiwani ...	00 00	900 230 ///	800 240 ///	600 070 ///	350 700 ///	255 000 ///	...	...	...	...	150 098 ///	...	—
Karachi ...	00 00	900 225 172	800 200 ///	600 050 ///	350 690 ///	250 870 ///	...	...	...	—	150 145 ///	...	...
Lahore ...	00 00	900 292 225	800 242 185	600 095 999	350 630 999	250 730 999	...	...	...	...	250 730 999	...	...
Multan ...	00 00	900 228 212	800 215 182	600 035 015	350 710 ///	250 800 ///	...	—	...	...	200 850 ///	...	...
Peshawar ...													
Quetta ...	00 00	/// /// ///	800 232 158	600 118 062	350 310 ///	250 810 ///	—	...	—	...	200 900 ///	...	...

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 Bulbtemperatures 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	5.4	5.4	6.0	7.2	0r9
	At 1200 hrs G.M.T. * of Previous day (dd ff)									At 0000 hrs. G.M.T. of date (dd ff)						At 0600 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
Bogra	16 13	17 16	18 13	19 15	...	...	...	...	...	13 15	16 13	17 13	17 15	18 17	18 17	30 12	13 11	13 09	...	...	...	...	...	...	...	...
Chaklala	...	...	...	...	...	...	...	...	...	...	10 13	09 12	10 07	16 04	...	...	07 03	05 04	36 04	01 03	27 20	28 07	29 05	29 17	...	...
Chhor	22 14	23 15	23 16	21 11	...	...	...	...	...		...	...	...	...	...	22 10	23 09	23 08	...	...	...	...	...	...	...	...
Chittgong	No	Ascent	...	...	...	...	...	...	...	14 07	14 15	13 17	11 10	13 12	13 12	14 06	13 08	13 08	...	...	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	13 15	13 16	13 23	14 28	13 17	13 21	13 10	13 10	13 12	12 15	14 15	16 19	19 34	...	...	...	...
Dacca	18 10	18 24	18 29	20 27	...	...	...	...	...	13 09	14 15	...	...	—	...	13 06	13 05	15 04	...	...	...	...	...	...	...	...
Dalbandin	...	...	26 10	26 09	24 09	23 02	31 05	31 11	29 13	..	...	23 12	25 05	17 02	04 05	...	...	26 11	26 15	28 13	20 12	23 15	22 17	24 14	36 04	...
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	—	...	07 03	25 07	28 04	...	...	...	..	...	21 08	19 06	19 10	..	...	...	...	23 04	21 10	27 02	20 11	28 19	...	...
Fort Sandeman	...	..	—	21 10	21 18	23 25	23 26	26 23	26 20	...	..	...	06 05	30 11	29 15	...	...		35 05	27 09	27 10	...	...	...	...	...
Jacobabad	16 06	18 05	27 05	36 06	33 05	25 05	01 04	34 11	34 08	11 13	13 17	17 13	13 13	05 19	35 19	13 16	11 15	05 12	05 11	06 12	05 10	13 07	15 10	04 08	25 04	33 02
Jessore	16 21	18 24	18 24	19 19	...	...	...	...	...	16 13	17 19	16 16	16 11	13 12	...	10 10	10 11	11 14	11 17	10 17	11 19	...	...	...	...	...
Jhelum	10 04	04 16	03 20	35 14	30 04	24 08	...	...	...	06 07	11 15	13 12	16 04	12 07	...	34 09	01 07	09 04	06 06	03 07	20 05	28 07	31 09	31 01	27 12	...
Jiwani	19 12	19 10	14 05	02 07	...	...	...	...	...	...	...	...	...	...	...	20 06	17 06	16 05	...	...	...	...	...	...	...	...
Karachi	24 23	24 24	24 21	26 09	...	—	...	...	...	—	...	...	...	...	...	27 14	28 12	29 11	...	...	...	...	...	...	...	...
Khanpur	22 10	22 11	21 16	19 07	22 05	29 04	36 05	34 10	...	36 13	31 15	36 15	...	...	...	20 04	10 09	16 03	15 08	16 06	27 03	02 02	...	...	...	...
Lahore	19 22	19 33	19 28	18 23	35 12	32 07	32 10	36 08	35 12	15 11	21 10	28 03	26 05	26 10	31 10	04 03	36 03	34 03	06 03	10 03	13 05	25 13	31 11	31 10	36 07	...
Multan	...	...	...	...	...	...	...	...	...	33 08	35 07	23 07	22 10	19 09	...	07 02	04 03	15 01	20 05	25 13	12 07	25 08	32 09	32 14	30 03	...
Nawab Shah	19 23	20 25	20 21	28 07	04 07	02 12	06 12	05 14	05 16	20 23	22 14	34 11	20 15	14 11	07 14	18 06	05 02	07 03	04 03	05 05	08 13	11 19	09 11	07 12	09 11	16 15
Panjgur										...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	23 13	20 13	12 02	15 05	30 04	34 14	...	...	...	17 03	// //	12 04	...	...	...	06 06	01 04	14 02	06 06	21 05	...	...	...	...	...
Samungli	...	...	...	...	26 13	25 04	23 13	27 27	28 15	...	...	...	...	...	...	...	...	...	...	20 12	17 09	24 08	26 07	28 03	26 04	24 16
Sargodha	07 15	09 05	10 17	18 09	...	...	...	...	...	34 06	30 12	30 22	20 17	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	...	...	...	...	...	...	...	...	...	05 04	05 02	02 01	25 02	18 06	10 11	17 01	03 03	06 04	05 06	03 06	14 12	20 13	...	...	...	...
Vravalo	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The ctutl time of odservation may vary within halfa an hours 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 27	25 23	27 19	27 12	01 08	08 15	06 26	07 24	09 29	08 17	17 12	10 05	13 10	12 15	...			
Peshawar ...	...	...	..	...	...	...	...	...	...	...	...	...				...	...	...
Quetta ...																		

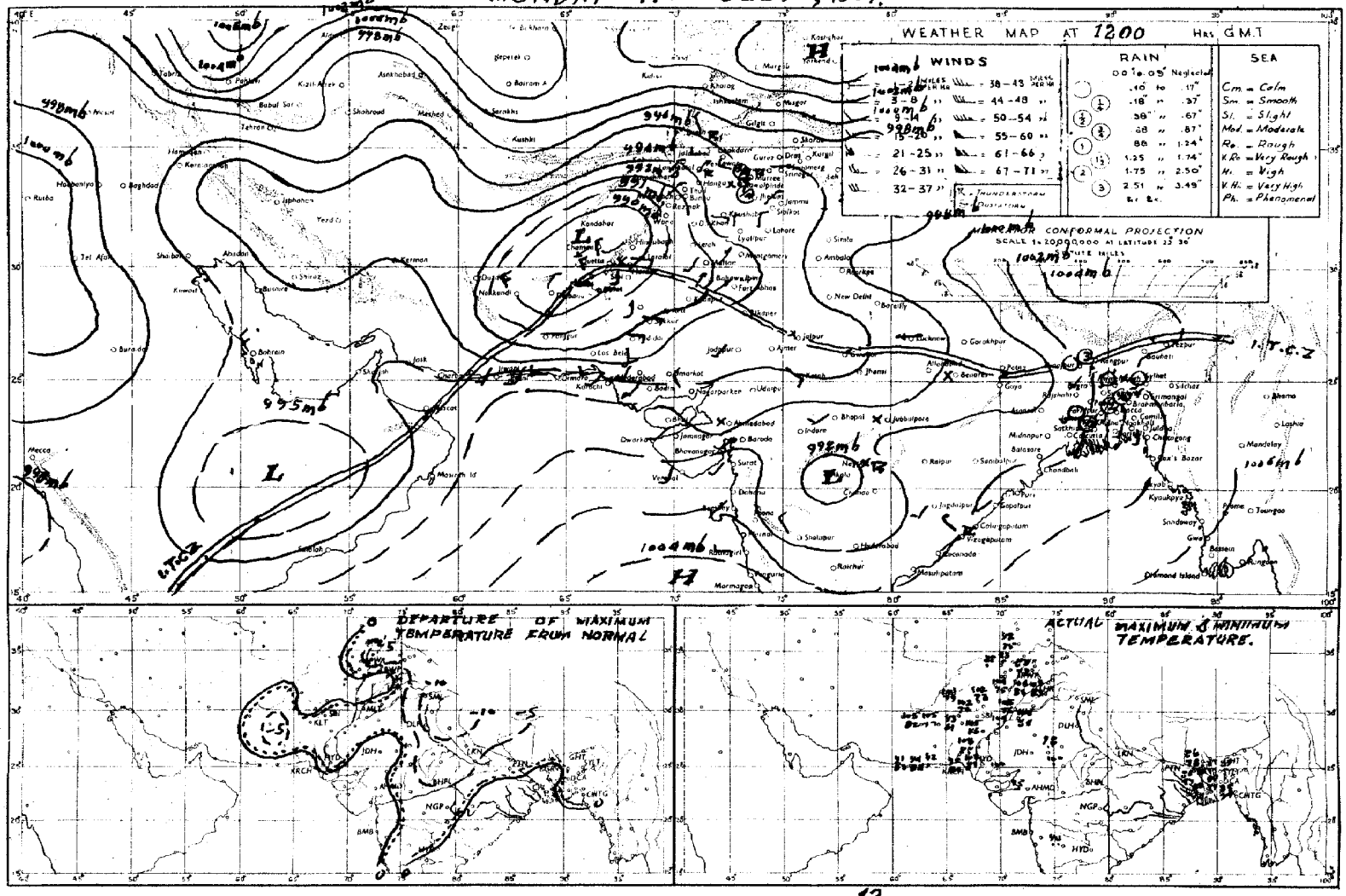
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North throughou East The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hunbrad figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr 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—8

PAKISTAN DAILY WEATHER MAP

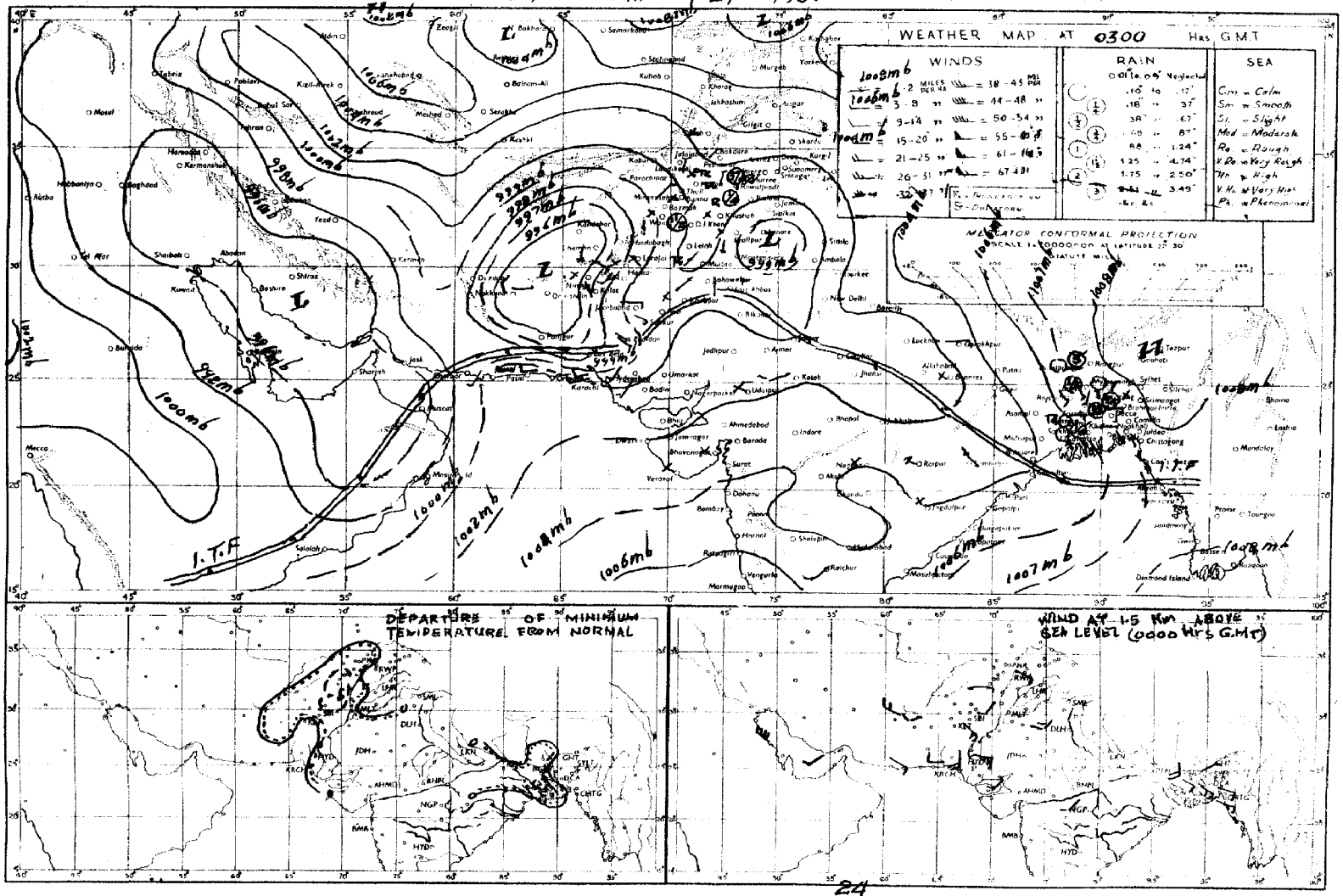
MONDAY 17th JULY, 1967.



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

TUESDAY 18th JULY 1967.



Rainfall amounts indicated in the above chart refer to past hours

Pgees 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

WEDNESDAY THE 19th JULY, 1967.

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

Yesterday's feeble western disturbance is now moving across north of Kashmir.

An easterly low pressure area lies over south west Madhya Predesh and neighbourhood. In its advance a trough of low pressure has developed over saurashtra and adjoining areas.

The shallow incursion of moist easterlies now extends to eastern divisions of West Pakistan.

Under their combined influence fairly widespread rair/thundershowers have occured in Lahore division, scattered in Peshawar, Quetta divisions and a few thunderstorms in Rawalpindi and Sargodha divisions.

Axis of monsoon trough extends from Saureshtra to west central Bay of Bengal.

Monsoon activity is decreasing over East Pakistan. It has caused fairly widespread rain/thundershowers in Khulna division and local in Chittagong division and a few falls of light rain in Dacca and Rajshahi divisions.

Chief amounts of rainfall are Comilla 2" Sialkot 1½", Lahore 1", Khulna 3/4" and Srimangal and Satkhira ¼" each.

Day temperatures were 3—6 °F (2—3 °C) below normal in D I. Khan, Quetta and Khairpur divisions.

Forecast valid until the evening of 20th July, 1967:- Thunderstorms/showers will be local in East Pakistan and in Lahore, Rawalpindi and Hyderabad divisions and scattered in Kashmir and elsewhere in West Pakistan.

Karachi-11
The 19th July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meteorological Services.

DIVISIONS	STATIONS	At 0300 Hrs. G.M.T. of Previous Day: Rainfall in Cases	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 °F	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 Cases	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 1967 (in cases)	Departure from normal	Since 1st January, 1967 (in cases)	Normal
		RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	GL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
		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	Sangu	011	1	7	18	02	98	02	6	062	82	5	7	6	7	/	79	91	030	9	2	18	02	98	03	6	090	88	1	1	7	3	/	77	79	—	—	—	—	—	—
	Cox's Bazar	022	1	4	18	20	97	02	4	016	82	2	1	6	1	0	77	85	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Chittagong	095	1	7	18	12	97	55	9	053	85	7	3	4	7	0	79	90	018	/	/	11	03	97	03	6	083	84	1	1	5	0	0	77	79	+ 0	—	—	—	—	—
	Maidee Court	000	0	6	20	15	96	02	0	031	86	3	1	5	1	0	79	89	000	0	3	00	00	96	03	0	068	84	1	1	5	0	0	77	79	+ 4	+ 3	37,2	+ 2,7	49,1	140
	Comilla	222	—	6	00	00	96	02	6	046	81	6	4	4	0	0	77	93	022	9	4	18	05	96	02	1	077	84	3	2	5	0	0	76	81	— 2	+ 3	40	+ 1,6	61,8	108
	Srahmanbaria	060	—	6	27	03	96	02	6	049	81	6	4	4	0	0	77	/	000	0	4	16	02	97	03	1	081	86	4	4	5	0	0	79	79	+ 5	+ 2	/	/	/	115
	ylhet	000	0	3	27	06	97	02	2	0 5	88	1	2	6	3	0	79	90	012	9	8	27	05	96	03	9	082	81	7	9	4	2	/	76	79	—	—	25,0	+ 4,7	46,8	94
	Srimangal	000	0	3	00	00	96	01	0	042	88	0	0	9	0	1	81	93	069	9	4	00	00	96	02	9	083	84	3	5	6	0	1	79	7	—	—	—	—	—	78
Dacca	Tymensingh	000	0	/	00	00	96	00	/	0 3	86	0	0	9	0	0	79	90	000	0	5	00	00	97	02	/	086	84	5	4	6	0	0	81	81	—	—	—	—	—	98
	Narayanganj	000	0	5	13	02	96	02	1	045	88	3	7	5	3	1	77	92	000	0	5	06	03	97	02	2	078	88	3	7	5	3	1	78	81	+ 2	+ 3	—	—	—	—
	Dacca (Tezgaon)	000	0	3	18	05	97	01	2	043	86	2	8	5	4	0	78	91	000	0	5	13	02	98	01	2	078	88	3	7	5	3	/	78	81	+ 4	+ 2	—	—	—	91
	Faridpur	000	0	2	11	02	97	01	1	/	85	2	5	6	0	0	78	88	005	3	4	16	03	97	03	6	072	84	4	8	4	3	0	79	81	—	—	—	—	—	74
Khulna	Barisal	000	0	6	18	02	96	02	4	024	85	6	6	6	0	0	76	92	000	0	7	09	00	98	02	2	072	84	2	1	6	3	0	79	81	0	+ 1	9,4	—	39,1	
	Khulna	075	9	2	06	00	97	01	/	081	82	0	0	9	4	0	79	86	015	9	3	00	00	97	01	2	078	84	0	0	9	4	0	79	/	31,7	+ 1,5	29,1	71
	Satkhira	040	0	4	13	01	96	00	6	074	85	4	0	9	2	2	76	92	040	0	4	13	02	97	00	0	079	88	4	3	5	0	0	77	74	+ 5	+ 2	—	—	—	
	Jessore	013	7	4	11	10	97	02	6	038	85	3	4	5	4	0	76	90	019	9	7	09	07	96	00	0	079	88	4	3	5	0	0	77	74	+ 1	/	—	—	—	88
Rajshahi	Pubna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	07	05	97	03	2	083	84	3	2	7	6	0	77	79	—	—	—	—	—	68
	Sirajganj	000	0	2	18	02	97	02	2	033	88	2	2	5	0	0	77	90	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	65
	Rajshahi	000	0	2	13	03	97	02	2	037	88	5	4	4	0	0	77	90	000	0	5	13	03	97	02	2	074	84	4	4	4	2	0	78	79	—	—	—	—	—	65
	Bogra	000	0	2	04	02	96	02	2	033	86	4	5	4	0	0	79	90	000	0	4	09	03	96	01	0	078	84	2	5	5	2	1	79	79	+ 1	—	—	—	—	59
	D.Naipur	000	9	6	09	02	96	02	2	041	82	4	5	6	2	/	79	85	000	2	2	00	00	96	00	1	073	88	2	0	9	1	0	77	77	+ 1	—	—	—	—	64
	Tangail	005	8	4	13	02	96	01	5	043	85	4	0	9	1	0	77	86	005	1	1	02	02	96	01	1	999	84	1	0	9	1	0	79	79	+ 4	—	—	—	—	69
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2	+ 1	—	—	—	72
Lahore	Lahore (Jail Rd.)	000	0	5	02	03	95	05	1	0 3	01	2	2	6	3	0	70	94	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	84
	Sialkot	000	0	0	31	01	98	00	0	970	97	0	0	9	0	0	81	/	108	7	6	09	05	96	02	9	039	81	3	5	6	3	1	77	76	+ 4	/	3,0	— 1,9	7,3	19
	Jhelum	000	0	1	13	02	97	02	0	970	99	1	1	7	0	0	71	01	136	2	8	05	01	96	01	6	049	82	8	6	5	0	0	77	74	—	—	4,4	— 4,0	8,5	32
Rawal-pindi	Islamabad																		000	0	4	13	03	97	03	0	046	87	1	1	6	3	0	72	77	—	—	3,0	—	9,0	—
	Rawalpindi	000	9	0	18	02	98	00	0	972	97	0	0	9	0	0	70	98	000	0	6	09	03	98	03	9	043	65	6	8	6	0	0	73	81	+ 1	+ 4	2,9	— 3,8	13,7	78
	Kohat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Sargo-dha	Sargodha	000	0	3	00	00	96	01	2	976	04	2	4	8	0	0	74	04	000	0	0	09	05	96	08	4	036	87	0	0	9	0	0	80	75	—	—	—	—	—	78
	Lyallpur	000	0	4	34	02	97	02	0	970	00	4	3	8	0	0	76	04	000	5	1	07	10	96	05	9	083	87	0	0	9	0	1	77	86	+ 2	— 7	0,4	— 3,0	6,9	19
																			000	0	4	07	02	96	02	0	087	88	4	0	9	4	0	77	86	+ 3	— 4	0,1	— 2,9	3,0	12
	Sahiwal	000	0	0	00	00	96	01	0	970	00	0	0	9	0	0	69	01	000	0	0	18	02	96	02	0	017	90	1	0	9	0	0	73	84	— 3	—	2,9	— 1,3	4,4	
Multan	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	01	0	009	93	0	0	9	0	0	73	86	—	0	0,2	— 1,3	2,5	7
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	00	0	009	95	0	0	9	0	0	70	80	—	—	0	—	0	8
Bahawal-pur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	05	02	96	02	0	001	95	0	0	9	0	2	74	84	—	+ 1	0	—	0	6
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	00	0	009	95	0	0	9	0	0	70	80	—	— 4	—	— 1,5	1,6	6
	Mirpur Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
Peshawar	Chakdara	000	0	1	23	03	97	03	0	950	96	1	1	7	0	0	74	97	000	0	1	00	00	97	01	0	022	89	1	0	9	3	0	67	76	—	—	—	—	—	8
	Peshawar	000	0	6	05	03	96	05	1	969	99	1	3	6	3	1	69	01	009	0	1	36	03	96	05	0	026	88	1	0	9	3	0	67	76	—	—	0,7	—	17,7	
	Kohat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	31	01	98	00	0	030	89	0	0	9	0	0	73	83	— 1	— 3	0,1	— 0,9	13,5	18
	Parachinar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,4	—	13,2	
D. I. Khan	Parezu	000	0	6	00	00	99	03	2	983	96	0	0	9	—	—	71	97	000	0	6	00	00	99	00	0	026	85	0	0	9	0	0	77	78	—	—	0	—	3,0	11
	D. I. Khan	000	3	6	00	00	98	03	1	993	94	0	0	9	6	0	75	96	000	0	0	05	02	98	00	0	020	97	0	0	9	0	0	77	81	— 7	—	4,1	+ 0,2	6,1	9
Quetta	Sibi	000	0	6	18	03	97	03	1	961	09	6	0	9	4	9	31	40	010	0	2	23	03	97	03	1	007	92	3	0	9	2	0	56	91	—	—	0,7	—	5,0	
	Nok-kundi	000	0	0	31	14	95	05	0	902	08	0	0	9	0	0	61	07	000	0	0	00	00	95	05	0	987	81	0	0	9	0	0	48	77	—	—	0	—	0,9	2
Kalat	Turbat	000	0	0	23	02	98	02	0	961	05	0	0	9	0	0	77	/	000	0	0	00	00	98	02	0	018	88	0	0	9	0	0	78	83	—	—	—	—	—	
	Jiwani	000	0	3	23	10	97	02	0	984	07	3	4	6	0	0	80	93	000	0	0	00	00	96	03	0	012	85	2	6	5	0	0	77	82	—	—	0	—	0,9	
	Pasni	000	0	2	23	23	97	02	0	975	89	0	0	9	0	0	76	93	000	0	0	27	03	97	02	0	007	84	0	0	9	0	0	77	81	—	—	0	—	0,9	
Karachi Division	Ormara	000	0	2	27	14	96	03	0	979	91	2	0	9	3	0	80	92	000	0	3	27	05	96	01	0	004	84	3	0	9	3	0	80	/	—	—	0	—	1,1	
	Iaskela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Karachi (Manora)	000	0	1	23	07	97	03	1	983	89	1	6	4	0	0	81	89	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	6
	Karachi (Airport)	000	7	0	25	10	96	01	5	980	91	0	0	9	0	0	81	93	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	8
Hydera-bad	Nagarparkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Chore	000	0	5	23	05	97	02	0	979	01	5	0	9	5	0	71	01	000	0	6	00	00	96	02	2	006	88	2	0	9	5	0	78	84	—	—	3,2	—	9,3	
	Hyderabad	000	0	2	23	07	97	01	0	971	98	4	5	6	0	0	77	00	000	0	7	23	02	97	03	1	006	88	7	0	9	5	0	79	85	—	—	0,7	—	0,7	7
	Badin	000	0	4	23	07	98	02	0	996	00	4	4	6	0	0	75	01	000	0	4	23	05	98	02	0	010	91	4	4	6	0	0	79	84	+ 1	—	1,3	— 0,9	3,3	9
Khairpur	Faridan	000	0	1	13	05	96	03	0	996	03	1	1	7	0	0	69	04	000	0	2	00	00	96	01	1	005	93	0	0	9	0	/	76	85	— 4	+ 2	0,3	— 2,3	2,1	
	Nawabshah	000	0	3	18	09	96	02	2	974	01	3	1	6	0	0	74	02	000	0	5	18	02	96	01	1	009	91	2	0	9	0	/	77	84	—	—	0,7	—	2,5	
	Sukkur	000	0	0	31	02	96	02	0	954	05	0	0	9	0	0	75	06	000	0	0	00	00	97	02	0	001	92	0	0	9	0	0	79	84	—	—	0,1	—	2,1	
	Kashmore																																								
	Jacobabad	000	0	0	18	03	97	02	0	974	01	0	0	9	0	0	61	02	000	0	1	00	00	98	01	0	004	95	0	0	9	0	/	82	90	— 6	+ 5	0	— 0,8	1,5	4
Kalat	Veraval																																								
	HILL STATIONS																																								
Kashmir	Srinagar																																								20
	Gulmarg																																								28
	Sonamarg																																								—
	Dras																																								71
	Leh																																								28
	Skardu																																								5
	Misgar																																								6
	Allabad																																								—
	Gilgbit																																								—
Rawalpind	Murree	000	0	5	27	03	97	02	1	450	75	3	5	4	5	0	61	71	000	0	9	00	00	97	01	1	485	66	9	/	/	/	/	63	62	— 2	+ 4	5,7	—	42,1	59
Peshawar	Drosh																																								5
	Chitral	000	0	5	36	03	96	50	9	454	85	6	4	6	0	0	64	91	000	0	0	00	00	97	01	1	475	80	1	1	7	0	0	57	75	—	+ 2	0,6	—	12,1	18
	Kakol	000	0	2	32	05	94	05	1	447	86	2	4	6	3	0	66	91	000	0	0	36	03	98	00	0	473	76	0	0	9	0	0	69	75	+ 2	+ 1	2,2	— 1,6	15,7	29
	Landikotal	000	0	6	09	01	94	07	0	439	89	2	0	9	2	0	61	95	000	0	0	31	05	94	02	0	466	85	0	0	9	0	0	67	73	—	—	6,0	—	27,5	
	Parachinar	031	5	7	00	10	97	17	9	455	72	4	9	6	2	0	61	81	031	9	0	09	07	96	05	9	476	77	6	0	9	0	0	65	73	— 6	—	0,7	—	18,6	
D.I. Khan	Mianwali	000	0	8	05	05	97	02	2	438	90	8	2	6	/	/	71	93	000	0	0	05	05	99	00	0	455	85	0	0	9	0	0	65	63	—	—	—	—	—	29
	Wana	000	0	5	01	01	98	58	2	498	85	5	0	8	2	3	67	99	000	0	0	00	00	99	00	0	455	85	0	0	9	0	0	65	81	—	—	—	—	—	
Quetta	Fort Sandeman	000	0	8	16	25	98	05	3	444	82	8	5	5	/	/	71	96	000	0	0	00	00	99	00	0	516	79	0	0	9	0	0	65	79	—	—	0,6	— 1,3	2,7	13
	Hindubag	000	0	7	13	03	96	03	3	444	82	8	5	5	/	/	71	96	000	0	0	00	00	96	02	0	472	75	0	0	9	0	0	61	74	—	—	—	—	—	11
	Loralai	000	0	4	13	04	96	02	2	366	98	7	3	5	0	0	87	98	000	0	0	00	00	98	02	0	430	74	0	0	9	0	0	55	70	— 4	— 1	0,9	— 1,0	11,5	11
	Barkhan	000	0	2	23	05	97	02	2	421	92	0	0	9	2	0	80	93	000	0	0	35	07	98	00	0	421	76	0	0	9	0	0	65	67	—	—	0	—	5,8	
	Harnai	025	8	0	13	02	97	02	0	453	01	0	0	9	0	0	39	01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0,1	—	3,8	
	Samungli (Quetta)									402	93	0	0	9	0	0	68	93																						5,0		9
	Chaman	000	0	4	29	01	98	02	0	421	00	0	0	9	0	0	55	02	025	0	0	00	00	95	03	0	432	85	0	0	9	0	0	69	78	—	—	2,0	— 0,3	10,7	14
	Mushkaf	000	0	0	00	00	98	05	0	408	02	0	0	9	0	0	59	04	000	0	4	18	01	98	02	0	445	87	0	0	9	0	0	64	83	—	—	0	— 0,3	7,5	9
	Dalbandin	000	0	0	23	09	95	05	0	411	03	0	0	9	0	0	68	05	000	0	0	00	02	98	00	0	493	95	0	0	9	0	0	57	83	+ 1	+ 7	0	— 0,1	4,3	8
	Kalat																		000	0	0	27	00	98	05	0	443	90	0	0	9	0	0	50	85					3,8	
Kalat	Khuzdar	000	0	6	11	07	98	00	0	406	86	6	6	7	9	0	35	90	000	0	0	18	02	98	00	0	455	71	0	0	9	0	0	60	77	— 5	— 0	—	— 0	1,8	4
	Panjgur																																			— 1	— 2	9	— 0,6	6,3	7

† 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. is rainfall since 0900 hrs. G.M.T. of the same day

Whenever given for RRR see the summary above is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 19th JULY, 1967.

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_aV_a a PP	8 $N_sCh_sh_s$	0 $T_wT_wT_dT$	Id$_w$d$_w$P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Choelmaru	33 231	605 00	5 19 20	98 02 1	980 27	41 4 10	76 4 00	00 0 26	11 9 22	12 2 33
Vanassa	33 227	641 16	5 18 09	98 01 1	022 03	12 3 08	35 2 14	05 2 29	12 0 56	12 0 56
Dumra	33 213	699 06	7 28 16	98 01 8	023 29	72 4 81	75 6 00	05 1 26	11 8 33	12 6 56
Dumra	33 221	689 12	7 26 15	97 80 8	003 28	77 2 //	75 4 00	05 6 27	12 4 33	12 5 56
Anwar Baksh	33 190	680 12	2 18 03	98 01 0	039 28	14 4 18	54 0 03	...	...	...
Zaphon	33 168	657 18	8 26 30	96 82 5	042 77	85 4 00	96 1 03	05 4 76	12 6 34	12 6 33
Sirgalahad	33 224	620 18	8 17 13	97 02 2	016 79	09 9 11	85 2 14	00 0 76	11 7 21	11 8 33
Dumra	33 232	679 18	7 26 15	97 80 8	009 28	77 2 //	77 2 //	75 4 00	04 6 27	12 6 56
Kampala	33 354	704 18	8 23 17	98 02 2	061 28	85 5 51	16 0 00	88 6 95	00 0 //	12 3 49

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPT TTdTdTd	1000 mb HHH TTT TdTdTd	900 mb HHH TTT TdTdTd	850 mb HHH TTT TdTdTd	800 mb HHH TTT TdTdTd	700 mb HHH TTT TdTdTd	600 mb HHH TTT TdTdTd	500 mb HHH TTT TdTdTd	400 mb HHH TTT TdTdTd	300 mb HHH TTT	200 mb HHH TTT	150 mb HHH TTT	100 mb HHH TTT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Begra ...														
Chittagong ...	00 00	004 255 248	068 255 248	...	140 315 215	...	315 142 142	...	591 015 999	747 085 999	985 718	273 868	470 995	745 130
Dacca ...	00 00	006 283 255	064 289 699	...	140 195 999	...	311 102 999	...	589 545 999	754 678 999	985 796	245 963	431 092	678 215
Jiwani ...	00 00	/// /// ///	...	...	140 215 208	...	308 118 999	...	579 590 999	752 645 999	964 000	...	...	...
Karachi ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	985 305 238	...	...	140 305 242	...	310 162 132	...	588 825 999	765 550 999	987 635	...	...	...
Peshawar ...	00 00	962 302 239	...	...	141 295 198	...	315 202 145	...	598 045 999	775 548 999	996 662	...	...	...
Quetta ...	00 00	816 232 145	...	...	/// /// ///	...	311 175 052	...	591 038 602	769 675 999	988 739	372 955	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT TdT To	Max Height Reached PPPTTT TdTdTd	TROPOPAUSE St HHHHTT	St. HHHHT1
16	17	18 19 20 21 22 23 24 25 26	27	28	29
Begra ...					
Chittagong ...	00 00	900 237 237 800 192 192 600 085 085 350 650 /// 250 900 ///	100 130 ///	...	...
Dacca ...	00 00	900 220 /// 800 160 /// 600 030 /// 350 720 /// 250 860 ///	100 215 ///	...	...
Jiwani ...	00 00	930 215 212 800 190 /// 600 030 /// 350 710 /// 250 840 ///	250 840 ///	...	...
Karachi ...	00 00	MISDA	...	...	...
Lahore ...	00 00	MISDA	...	...	...
Multan ...	00 00	900 305 225 900 252 202 600 095 065 350 590 /// 250 670 ///	350 670 ///	...	...
Peshawar ...		900 322 232 820 268 182 600 130 /// 350 610 /// 250 760 ///	250 760 ///	...	...
Quetta ...	00 00	/// /// /// 600 119 608 455 009 /// 350 640 /// 250 860 /// 164 990 ///	164 990 ///	...	...

P, P—Pressure in hundreds tens and units of millibars.

T, T; TdTdTd; Dry Bulb; Dew Point temperatures (in tenths of °C.

ix—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
Begra									
Chaklala	12 10	14 06	14 09						
Chhor	...	18 04	19 06	20 03	14 02	33 06	30 07	26 13	27 19
Chittgong	26 02	27 03	14 05	...	...	...	...	...	...
Cox's Bazar	18 28	19 12	19 12	...	...	...	...	...	...
Dacca	16 23	15 20	15 19	14 21	14 17	14 20	...	...	...
Dalbandin	18 12	18 10	12 09	13 13	14 15	15 14	13 19	13 22	13 23
D. I. Khan	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	23 28	// //	18 08	...	...
Fort Sandeman	...	...	...	...	...	...	...	...	...
Jacobabad	15 10	14 10	13 09	11 08	11 14	20 04	25 03	31 11	34 10
Jessore	11 15	11 18	11 23	11 23	11 14	...	...	...	...
Jhelum	04 03	05 09	11 03	15 06	35 01	36 03	29 04	27 10	47 14
Iwah	22 15	23 13	22 11	32 06	01 09	...	...	...	...
Karachi	23 11	20 07	14 06	05 17	06 19	08 17	08 22	09 15	07 ...
Khanpur	15 01	15 04	15 07	18 05	06 05	05 04	32 08	36 05	01 03
Lahore	03 08	04 06	05 06	04 06	33 03	29 05	...	...	...
Multan	30 04	31 04	29 02	26 03	29 01	03 01	01 10	28 05	31 10
Nawab Shah	16 01	15 08	16 08	09 26	09 04	06 05	35 05	...	...
Panjgur	...	...	...	...	...	...	...	...	...
Peshawar	...	06 10	10 08	18 13	19 13	21 06	32 05	...	...
Samungli	...	...	...	...	18 12	23 80	25 80	...	...
Sargodha	27 04	30 05	34 03	01 04	14 02	...	...	...	...
Sylhet	32 01	33 07	03 05	06 09	09 09	15 11	13 16	12 21	...
Vravale	...	...	...	...	...	...	...	...	...

Height in Kms a.s.l. → / STATION	At 0000 hrs G.M.T. of date (date ff) 0.3	0.6	0.9	1.5	2.1	3.0
11	12	13	14	15	16
Begra						
Chaklala	12 08	14 12	14 15	15 15	14 14	13 15
Chhor	...	12 12	13 14	13 05	09 02	01 04
Chittgong	26 13	27 10	20 05	10 09	09 20	11 26
Cox's Bazar	14 23	14 37	15 46	15 59	...	...
Dacca	13 17	15 18	16 22	16 22	16 27	17 26
Dalbandin	14 12	15 15	15 15	14 15	14 15	12 18
D. I. Khan	...	...	14 09	17 05	05 07	34 13
Drosh	...	...	...	...	...	...
Fort Sandeman	...	...	...	18 01	21 03	20 04
Jacobabad	...	...	...	08 01	22 03	23 06
Jessore	22 09	20 06	23 05	19 04	14 05	12 07
Jhelum	10 11	11 13	...	...	...	...
Iwah	12 13	14 45	16 2.	27 11	18 10	25 09
Karachi	...	...	...	...	...	...
Khanpur	32 10	33 06	30 08	11 08	...	...
Lahore	06 06	07 07	08 03	24 04	21 02	32 04
Multan	13 12	15 23	16 21	19 08	26 06	...
Nawab Shah	32 04	21 03	31 02	28 02	35 05	...
Panjgur	21 12	21 06	17 04	11 06	16 04	12 05
Peshawar	...	...	...	...	...	...
Samungli	...	32 02	15 02	39 05	36 05	92 14
Sargodha	...	...	...	...	...	...
Sylhet	10 15	10 10	10 08	04 03	...	...
Vravale	21 10	21 10	24 08	25 08	...	...

Height in Kms a.s.l. → / STATION	At 0600 C.M.T. of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	5.4	5.4	6.0	7..	0i9
17	18	19	20	21	22	23	24	25	26	27
Begra											
Chaklala	15 08	11 09	12 11	13 17	12 14						
Chhor	...	14 12	14 10	04 04	35 06	35 07	01 05	04 06	26 09	25 17	...
Chittgong	34 02	04 08	06 12	09 13	08 21	10 24	11 29	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...
Dacca	15 12	15 21	14 15	14 16	13 23	...	...	...	...	...	...
Dalbandin	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	...	...	20 02	36 04	26 04	16 05	10 08	11 04	13 07	19 05	20 11
Drosh	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	...	21 06	20 03	02 08	24 11	33 15	22 13	30 27
Jacobabad	...	...	...	14 05	16 09	30 03	29 10	...	...	...	...
Jessore	36 05	33 03	36 02	36 02	09 06	14 10	07 13	07 15	06 18	08 23	07 19
Jhelum	14 07	13 11	13 13	...	...	...	...	...	...	...	...
Iwah	12 09	13 08	14 10	12 06	35 04	35 07	02 07	15 09	23 02	21 18	21 26
Karachi	17 04	05 03	09 07	09 15	07 19	05 17	04 27	07 22	07 16	07 18	10 09
Khanpur	01 06	05 06	05 08	10 12	10 15	10 19	10 24	...	...	...	...
Lahore	04 07	05 05	03 08	04 06	04 05	03 10	04 08	08 17	06 18	...	...
Multan	12 05	13 17	13 23	13 22	12 15	...	...	...	...	...	...
Nawab Shah	05 13	05 13	05 13	05 13	05 12	04 17	03 21	04 18	03 19	04 20	07 19
Panjgur	09 05	09 03	09 04	09 11	12 16	12 19	13 18	11 27	11 25	...	...
Peshawar	...	...	...	...	...	...	...	...	...	...	...
Samungli	...	03 04	08 03	18 06	03 07	36 03	36 09	24 06	31 08	25 12	...
Sargodha	...	...	...	...	15 03	02 04	08 12	10 10	10 06	...	...
Sylhet	...	...	...	...	...	...	...	...	...	...	...
Vravale	...	...	...	...	...	...	...	...	...	...	...

* The exact time of observation may vary within half an hours 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																		
Peshawar																		
Quetta																		
	MISDA	31 06	29 06	24 02	24 01	28 06	27 11	26 16	26 16	27 02	23 43	13 47	...	...	...	...	...	...

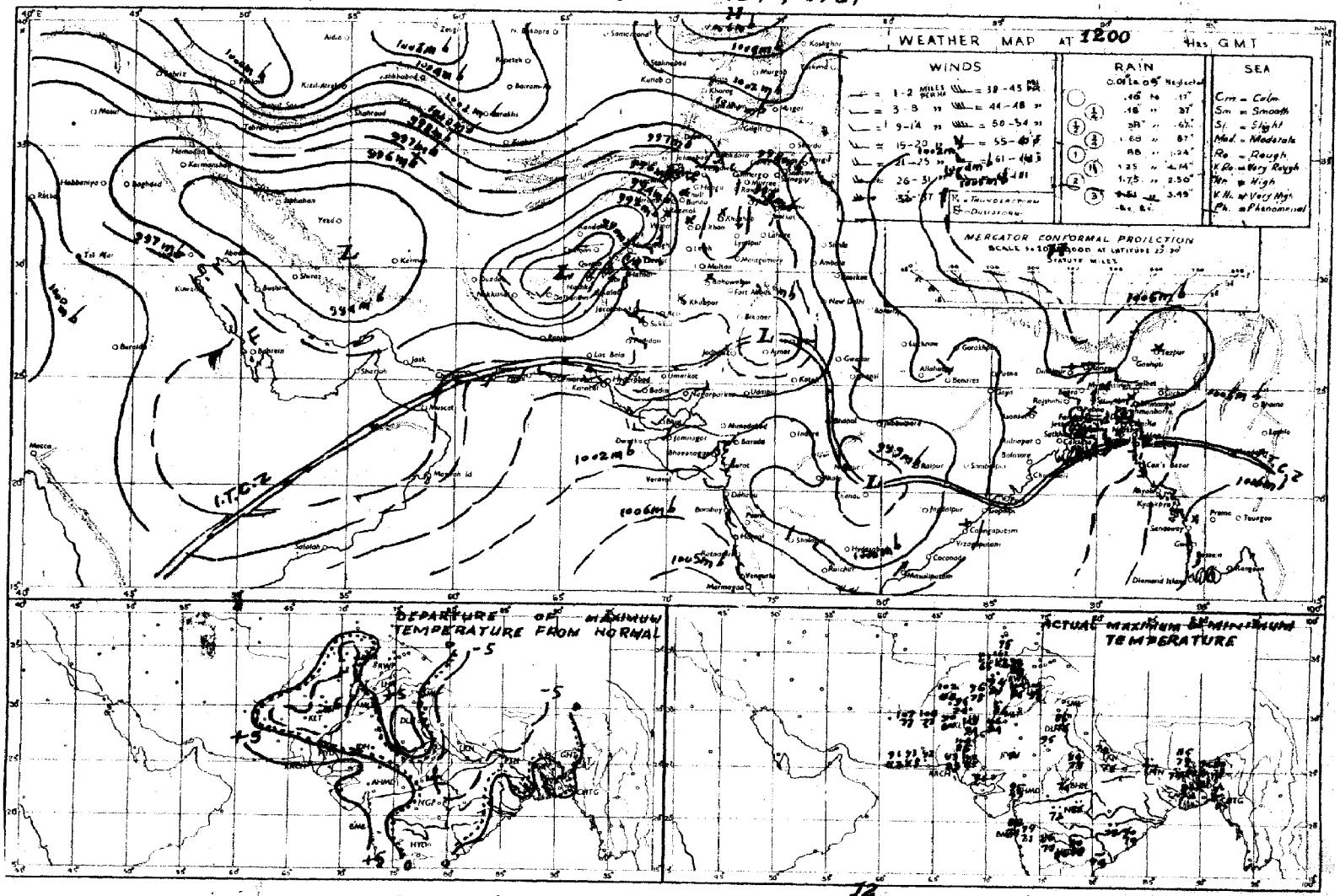
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North throughout East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained if necessary on application to the Meteorological Weather Central, Air Ports HARACHI—5.

PAKISTAN DAILY WEATHER MAP

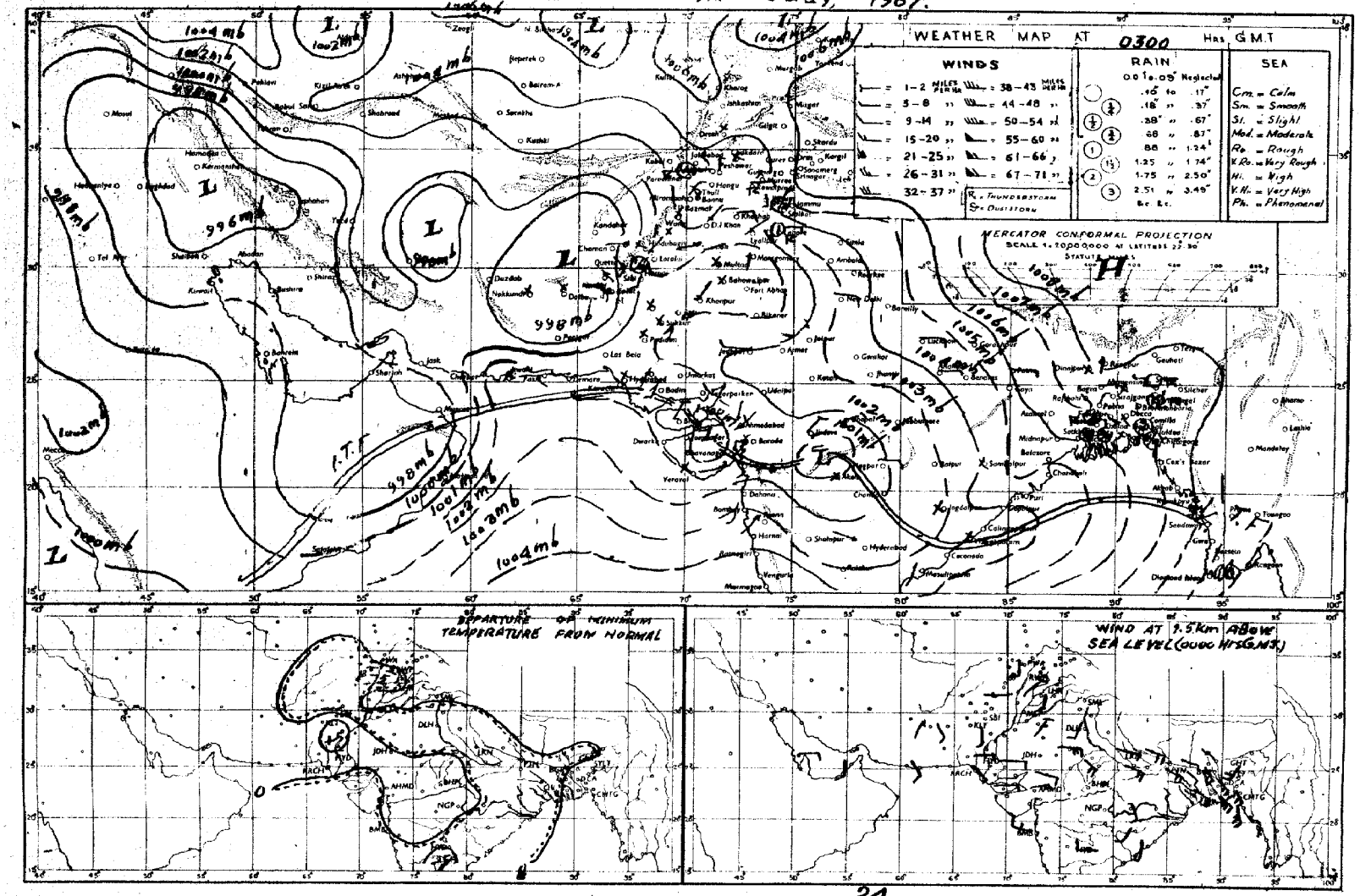
TUESDAY 18th JULY, 1967



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 19th JULY, 1967.



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

Pgees 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

THURSDAY THE 20th JULY, 1967.

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

Yesterday's easterly low pressure area moved northwestwards marked with the trough of low pressure over Sourashtra and now lies as a well marked low over there. It is likely to move in a westerly direction.

Shallow incursion of moist easterlies now extends practically over whole West Pakistan.

Under their combined influence fairly widespread rain/thundershowers have occured in Karachi and Hyderabad divisions, local in Lahore division and scattered in Quetta, Kalat, Rawalpindi, Multan and Peshawar divisions. A few falls of light rain and a few dust/thunderstorms have also occurred in Khairpur division.

The feeble western disturbance north of Kashmir moved away.

Axis of monsoon trough runs across north Arabian Sea, South Madhya Pradesh to north Bay of Bengal. It has caused fairly widespread rain/thundershowers in Khulna division, local in Chittagong division and scattered elsewhere in East Pakistan.

Chief amounts of rainfall are Kakul and Barkhan 2" each, Haripur 1½", Ormara and Karachi (Airport) 1", Lahore, Pasni, Hyderabad and Faridpur ¼" each, Sylhet, Srimangal, Satkhira, Murree and Badin ¼" each.

Day temperatures: were 3—7 °F (2—4 °C) below normal in Lahore, Multan, D I. Khan, Quetta and Kalat divisions and were 3—6 °F (2—3 °C) above normal in Peshawar, Karachi and Hyderabad divisions.

Forecast valid until the evening of 21st July, 1967:- Fairly widespread rain/thundershowers are likely to occur in Karachi and Hyderabad divisions, local in East-Pakistan, Lahore, Multan, Khairpur, Bahawalpur, Rawalpindi and Kalat divisions and scattered in Kashmir and elsewhere in West Pakistan.

Karachi-11
The 20th July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meteorological Services.

DIVISIONS	STATIONS	Departure from Normal at		Rainfall		
		Maximum Temperature	Minimum Temperature	Since 1st June 1967 Inches	Departure from normal	Since 1st January 1967 Inches	Annual Normal
	2	37	38	39	40	41	42
Chittagong	Bangamati			32.3	—	43.4	—
	Cox's Bazar	—	—				
	Chittagong		0				140
	Maidan Court		+ 2	39.8	+ 4.7	52.8	108
	Comilla			39.4	+ 5.8	41.1	113
	Brahmanbaria	+ 2	+ 2	28.4	+ 0.7	52.1	94
	Sylhet			24.0	+ 2.8	26.8	78
	Srimangal	—	—	55.4		87.7	
		—	—	2.1	— 6.9	43.5	98
Dacca	Mymensingh						
	Narayenganj	+ 2	+ 3	23.9	— 3.9	37.6	94
	Dacca (Tezgaon)	+ 4	+ 2	18.2	— 2.6	38.4	74
	Faridpur			19.3		39.1	
Khulna	Barisal						
	Khulna	+ 14					87
	Satkhira	+ 2	+ 1	17.7	— 4.3	30.1	68
	Jessore	+ 1	+ 1	12.5	— 8.6	25.5	65
			—	14.3	— 5.3	35.2	65
Rajshahi	Pubna						
	Sirajganj	+ 2	+ 2	17.8	— 1.9	37.5	59
	Rajshahi	+ 1	0	17.0	— 1.5	24.6	64
	Bogra	+ 1	—	29.7	+ 9.0	48.2	69
	Dinajpur	+ 1		20.6	— 2.5	34.5	72
	Rangpur	+ 1	+ 1	29.8	— 3.9	41.3	84
Kashmir	Jammu						
Lahore	Lahore (Jail Bd.)	— 7	+ 2	2.4	— 2.7	6.6	19
	Sialkot		+ 5	3.1	— 5.5	7.2	32
Rawal-pindi	Jhelum	—	—	3.0		9.0	
	Islamabad						
	Rawalpindi	0	+ 1	3.0	— 4.0	13.8	36
	Campbellpur						
Sargo-dha	Khushab	—	—	0.4	— 3.2	6.9	15
	Sargodha	—	— 7	0.1	— 3.0	4.4	12
	Lyallpur	—	+ 1				
Multan	Sahiwal	—	— 3	2.9	+ 0.2	6.7	10
	Multan	—	— 4	0.8	— 1.2	3.6	7
	Lodhi	—	—	0			8
Bahawal pur	Khanpur						
	Bahawalpur	+ 1	+ 1	0	— 1.5	1.6	6
	Fort Abbas	0					6
Peshawar	Chakdara	—	—	0.7	—	17.7	8
	Peshawar	— 1	—				18
	Haripur			3.7	—	14.5	
D. I. Khan	Bannu	—	—	0	—	3.0	11
	D. I. Khan	— 3	0	7.1	+ 0.2	6.1	9
Quetta	Sibi	—	—	0.7	—	5.0	5
	Nokkundi	—	—	0	—	0.9	2
Kalat	Turbat	—	—		—	—	
	Jiwani	—	—	0	—	—	
	Pasni	—	—	0	—	—	
Karachi Division	Ormara	—	—	0.5	0	0.5	6
	Lasbela			1.0	+ 0.6	1.8	6
	Karachi (Mauripur)						8
	Karachi (Airport)	+ 5					8
Hyder-abad	Nagarparkar			4.8	—	10.4	
	Chore	—	—	0	—	0	
	Hyderabad	—	— 4	1.7	— 0.5	2.7	7
	Badin	+ 6	— 1	0.7	— 2.2	2.7	9
Khairpur	Padidan	—	—	0.7	—	2.5	
	Nawabshah	—	—	1.1	—	2.1	
	Sukkur	—	—	0.4	—	0.8	4
	Kashmore	—	—	—	—	—	
	Jacobabad	— 1	+ 6	0	— 0.9	1.5	4
unagadh	Veraval						
	HILL STATIONS						
Kashmir	Srinagar						20
	Gulmarg						28
	Sonamarg						71
	Dras						26
	Leh						3
	Skardu						6
	Misgar						—
	Aliabad						—
	Gilgit						5
Rawalpindi	Murree						
Peshawar	Drosh						59
	Chitral	+ 1	+ 6	0.6	—	33.4	
	Kakul	+ 1	+ 1	2.2	— 1.8	17.1	18
	Landikotal	—	—	2.9		15.7	29
	Parachinar	—	—	0.7		29.4	
D.I. Khan	Miranshah	— 2	+ 3	5.2	—	18.6	
	Wana					20.9	29
Quetta	Fort Sandeman	—	—	0.6	— 1.3	2.8	13
	Hindubag			0.9		5.8	11
	Loralai	— 7	— 1	1.8	— 1.0	11.6	11
	Barkhan			0.5		5.8	
	Harnai	—	—	2.0		5.1	9
	Samungli (Quetta)			2.0		7.0	
	Chaman		— 0.2	2.0	— 0.4	10.7	14
	Nushki	+ 1	+ 9	0	— 0.1	7.5	9
	Dalbandin			0		4.2	8
Kalat	Kalat	— 1	+ 8	0	— 0	3.8	4
	Khuzdar	— 3	+ 2	0	— 0.6	1.8	7
	Panjgur					6.3	5

* 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. is rainfall since 0000 hrs. G.M.T. of the same day

Whenever given for RRR see the cemetary above is for the exact amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 20th JULY, 1967.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_aL_aL_a$ GG	N dd ff	VV ... W	PPP TT	$N_hC_lhC_MC_H$	D.V. a PP	8 $N_sC_hh_sh_s$	O.T T, T_dT	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Zaphos	43 178	647 00	8 26 30	97 02 9	999 27	45 4 10	75 6 13			12 6 45
Vanasa	43 221	656 00	2 19 02	98 02 1	008 28	25 3 00	35 6 10		00 0 24	11 9 20
Ondiana	43 210	618 06	6 18 02	98 02 2	003 29	24 5 41			05 3 25	11 8 20
Vanasa	43 214	672 06	7 31 09	98 02 0	016 29	78 3 03	36 0 06		00 1 //	11 9 20
Celtex Naples	43 237	598 12	7 09 13	97 03 2	991 27	00 9 04			05 2 26	13 1 21
Musali	43 180	707 18	8 26 22	98 00 5	013 24	82 5 22	72 1 02		00 1 25	10 9 22
BAY OF BENGAL									...	...
City of Alam	43 153	863 12	8 18 04	97 04 2	079 27	75 5 98	54 4 18			
Ulljell	42 058	634 06	6 19 07	98 02 2	214 41	99 1 25	11 9 20			12 1 41
Anwar Baksh	48 129	978 06	5 10 18	98 25 6	295 26	52 3 00	17 9 00			11 0 23
Yemaru	43 030	868 12	5 19 12	98 02 2	085 29	32 4 04	57 4 00		00 1 23	11 8 22
Ossack	42 095	027 13	8 31 10	98 02 3	047 28	44 3 77	86 5 05		05 0 25	11 8 22
Wamarm	43 025	838 18	2 19 10	09 52 9	214 13	24 1 15	...		0 1 26	11 9 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isoboric Levels: Surface PPPTTTdTdTd	1000 mb HHH TTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHH TTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	004 255 248	...	...	146 215 215	...	314 135 135	...	581 018 999	768 560 999	988 445	286 855	496 950	780 128
Dacca ...	00 00	005 282 258	...	...	140 200 999	—	312 128 999	-	585 540 999	757 652 999	969 784	249 978	435 085	682 225
Jiwani ...	00 00	991 281 255	...	...	140 225 225	...	305 102 999	...	577 540 999	751 622 999	966 748	249 952	426 068	...
Karachi ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	00 00	981 292 252	...	...	...	...	318 128 999	...	594 535 999	766 598 999	...	...	...	...
Multan ...	00 00	/// /// ///	...	...	...	308 125 125	...	585 510 999	761 540 999	...	...	...	...	
Peshawar ...	00 00	964 312 262	...	...	140 242 212	...	313 152 999	...	589 012 999	765 592 999	982 72	...	...	—
Quetta ...	00 00	MISDA	...	...	134 242 999	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TTT TdT Td							Max Height Reached PPPTTT TdTdTd	TROPOPAUSE St HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 235 235	800 195 195	600 09/ ///	480 00/ ///	350 61/ ///	250 75/ ///	...	...	...	100 128 999	...	...
Dacca ...	00 00	900 221 ///	800 19/ ///	600 04/ ///	528 00/ ///	350 72/ ///	250 84/ ///	...	...	...	100 335 999	...	...
Jiwani ...	00 00	900 265 265	800 19/ ///	600 03/ ///	350 68/ ///	250 84/ ///	...	...	...	...	150 068 999	...	...
Karachi ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	00 00	900 250 200	800 192 110	600 050 999	532 000 999	350 640 999	...	...	...	...	...	...	...
Multan ...	00 00	900 262 295	800 203 188	600 060 060	515 00/ ///	350 59/ ///	250 68/ ///	...	...	...	350 640 999	...	...
Peshawar ...		900 281 ///	800 211 ///	600 088 ///	350 65/ ///	...	...	...	...	...	250 681 ///	...	...
Quetta ...	00 00	MISDA	...	...	—	...	...	...	...	...	300 372 999	...	...

P, P—Pressure in hundreds tens and units of millibars.

T| T; TdTdTd; Dry Bulb; Dew Point temperatures (in tenths 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. → / STATION	At 1800 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 (date ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 G.M.T. of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	5.4	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
Bogra																									
Chaklala	17 12	17 11	16 13	15 17	13 14	15 17	12 10	11 10	10 10	19 09	20 08	19 08	17 08	18 08	19 07	17 07	17 07	16 13	13 11	...	...	...	...	...	...
Chhor	...	16 08	14 08	15 12	16 05	...	...	...	...	...	07 10	13 12	15 15	19 10	...	...	05 09	11 11	14 12	...	...	...	...	...	...
Chittagong	34 04	04 05	09 09	07 15	06 24	05 27	...	...	...	22 03	12 07	11 11	19 19	...	...	11 15	10 12	12 11	08 13	08 21	11 19	11 19	11 23	11 31	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	15 15	16 12	18 11	17 09	...	...	19 06	16 08	16 09	18 10	21 12	23 16	...	...	...	...
Dacca	18 33	17 32	16 27	15 20	15 27	15 55	11 20	09 19	...	...	...	...	...	...	...	18 09	15 07	14 08	18 08	23 06	22 09	11 21	10 12	11 12	09 16
Dalbandin	17 09	16 09	16 13	15 16	15 16	13 14	12 12	08 14	08 12	16 06	18 07	18 09	18 10	19 11	19 07	// //	// //	17 12	19 05	17 04	20 15	...	...	...	...
D. I. Khan	...	...	...	...	09 07	11 10	12 07	12 12	—	...	...	17 07	12 11	15 08	...	...	...	18 04	12 08	14 08	09 05	06 29	...	...	...
Drosh	...	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	—	...	23 15	20 09	06 05	01 12	35 18	...	...	...	22 05	23 09	18 02	...	...	...	...	20 03	24 03	01 09	12 01	15 01	...
Jacobabad	18 13	17 10	21 08	09 09	05 11	04 13	01 15	01 21	...	...	...	...	05 05	02 05	06 15	...	...	...	07 07	02 06	32 11	...	...	...	...
Jessore	12 15	14 12	15 17	24 05	28 06	03 16	06 27	16 28	06 24	08 27	03 32	10 30	10 26	10 18	...	07 29	08 39	06 35	06 34	03 37	04 33	03 18	—	...	...
Jhelum	15 09	14 09	14 08	19 05	01 09	02 12	03 07	31 04	34 03	16 06	12 09	18 08	17 09	17 11	17 10	...	...	...	...	...	...	...	...	...	...
Jiwani	15 10	13 12	09 17	08 22	07 24	05 23	06 21	06 15	16 15	10 09	15 09	16 10	14 11	16 14	31 01	14 19	12 19	12 12	15 09	18 09	04 06	09 04	16 07	07 05	16 07
Karachi	23 06	13 08	07 14	07 21	06 24	03 30	02 43	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...
Khanpur	04 12	03 12	03 13	02 15	04 17	01 05	10 05	09 14	36 15	05 15	06 23	07 14	...	...	...	06 15	08 17	08 17	07 28	...	...	...	...	...	...
Lahore	12 16	12 20	12 24	12 27	09 20	...	...	...	...	12 13	15 22	15 21	14 10	14 21	12 17	06 09	08 12	10 12	09 08	13 13	13 16	...	...	...	...
Multan	03 16	04 17	06 17	07 02	07 28	—	...	...	...	07 13	00 20	10 18	08 13	06 26	...	07 28	09 08	10 09	09 10	15 26	13 82	...	...	...	...
Nawab Shah	04 04	05 06	05 06	04 98	05 15	...	...	...	...	22 12	18 09	06 09	06 20	08 26	05 26	06 04	07 06	07 10	07 16	10 13	10 10	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	05 20	05 24	09 18	10 20	12 27	11 31
Peshawar	...	xx xx	12 09	16 11	21 10	26 03	32 11	31 11	33 12	...	12 03	16 03	17 04	18 06	...	...	09 10	11 07	...	...	...	...	...	...	...
Samungli	...	...	...	...	16 09	05 09	...	...	...	...	...	...	...	...	...	...	...	...	...	14 06	09 10	05 25	07 25	07 24	09 30
Sargodha	// //	// //	// //	11 01	...	...	...	...	...	// //	// //	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	28 07	19 08	28 09	24 04	28 04	09 06	08 05	10 09	05 09	22 08	23 08	23 11	...	...	...	22 03	23 07	...	...	...	...	...	...	...	...
Yravale	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The exact time of observation 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 ...	MISDA																	
Peshawar ...	...	08 06	10 05	17 04	11 06	12 07	14 12	16 18	16 20	17 30	19 53	...	...	...	...	...	...	...
Quetta ...																		

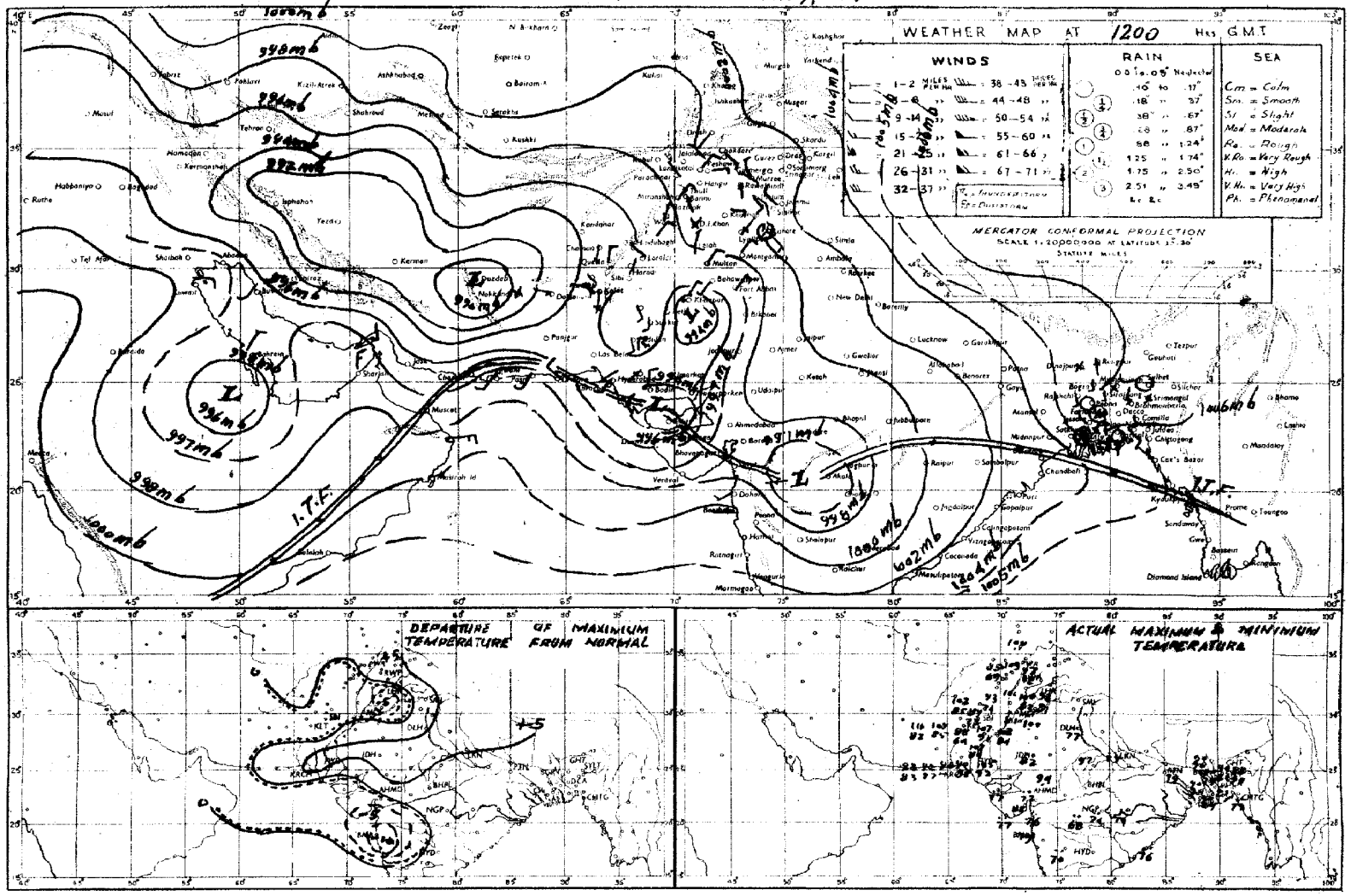
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North throughout East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr etc.)

The accuracy of individual reports in this report cannot be guaranteed. Corrections can be obtained if necessary on application to the Meteorologists Weather Centres, Air Force KARACHI—6.

PAKISTAN DAILY WEATHER MAP

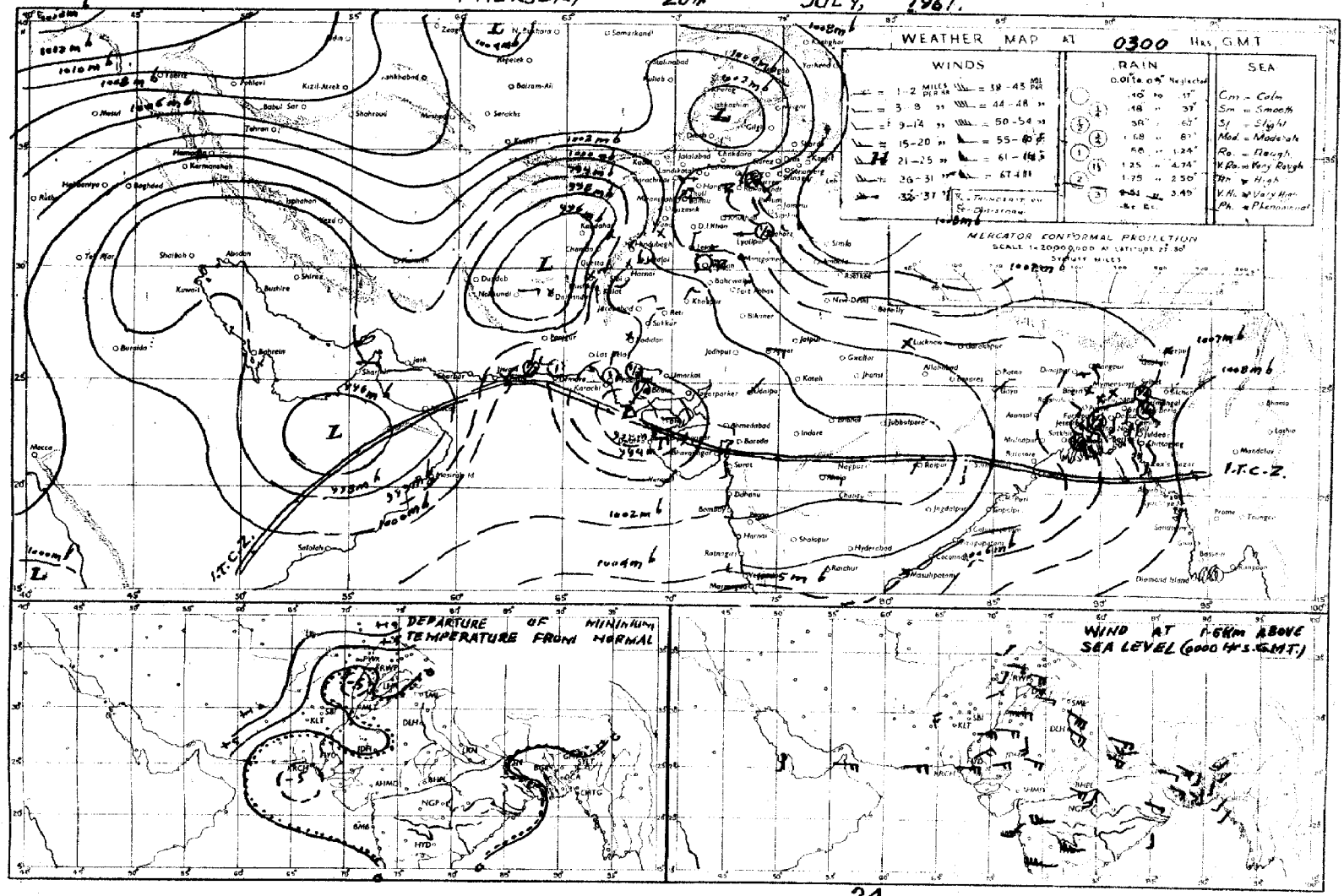
WEDNESDAY 19th JULY, 1967



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

THURSDAY 20th JULY, 1967.



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

Pgees 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

Reg. No.S-1467
Volume No. 21

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 21st JULY, 1967.

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

Yesterday's well marked low pressure area over Sourashtra moved westwards and now lies over the western sector of north Arabian Sea. Shallow incursion of moist easterlies continues over West Pakistan.

Rain/thundershowers have been local in Peshawar division and scattered in Kalat, Karachi, Hyderabad and Khairpur divisions. A few thunderstorms or light showers have also occured in Rawalpindi, Multan, Bahawalpur and Quetta divisions.

Axis of monsoon trough has shifted northwards and extends across south Rajastan to Aassam. Monsoon activity is likely to increase over East Pakistan. Local rain/thundershowers have occured in Chittagong and Dacca divisions.

Chief amounts of rainfall are Cherat 2", Kakul 1", Chakdara 3/4" Sylhet, Srimangal, Pasni, Chhor and Padidan ½" each and Cox's Bazar and Narayanganj ¼" each.

Day temperatures: were 3—8 °F (2—4 °C) below normal over West Pakistan out side Hyderabad, Karachi and Quetta divisions and 2—4 °F (1—2 °C) above normal in East Pakistan.

Forecast valid until the evening of 22nd July, 1967:- Fairly widespread rain/thundershowers are likely to occur in Dacca and Chittagong divisions, local in Rajshahi, Khulna, Peshawar, Rawalpindi, Kalat and Quetta divisions and in Kashmir and scattered elsewhere over West Pakistan.

Karachi-11
The 21st July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meteorological Services.

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

Divisions	Stations	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 f (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	Rangamati	000	0	2	27	05	98	02	0	045	86	1	2	7	0	0	77	94
	Cox's Bazar	000	0	5	//	//	97	03	2	029	82	2	4	4	3	2	77	86
	Chittagong	000	0	5	23	08	97	02	2	034	86	5	4	4	1	/	79	90
	Majidee Court	000	9	3	18	07	96	03	0	018	85	3	1	5	0	0	76	86
	Comilla	000	0	7	18	05	96	02	2	027	82	7	4	5	/	/	76	90
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sylhet	014	9	6	00	00	97	03	6	014	85	4	4	5	2	0	77	88
	Srimangal	006	3	7	09	00	//	//	/	960	85	3	5	5	7	1	79	91
Dacca	Mymensingh	000	0	3	00	00	97	01	1	020	86	3	5	6	0	0	73	90
	Narayanganj	020	1	8	00	00	96	03	6	019	83	8	7	3	/	/	79	92
	Dacca (Tejgaon)	010	1	7	00	00	97	21	6	018	82	5	9	4	2	0	79	90
	Faridpur	000	0	0	00	00	97	02	1	974	85	6	5	5	1	0	79	90
Khulna	Barisal	000	0	4	18	02	96	02	2	026	88	4	7	6	0	0	79	92
	Khulna	000	0	4	18	05	97	02	2	014	85	/	/	/	/	/	76	93
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi	Pabna	000	0	4	09	02	98	03	1	009	90	4	2	7	0	0	79	93
	Sirajganj	000	0	6	18	02	97	02	2	008	86	6	4	6	0	0	77	90
	Rajshahi	000	0	6	00	00	97	02	2	011	88	6	4	4	2		79	90
	Bogra	000	0	6	18	02	96	02	2	009	88	6	4	5	0	1	79	90
	Dinajpur	000	9	3	09	02	96	00	1	005	90	3	0	9	2	/	79	92
	Rangpur	000	0	1	13	02	96	01	0	941	96	1	0	9	1	0	77	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	3	09	03	96	01	1	995	96	3	0	9	7	0	72	98
	Sialkot	000	0	0	23	01	96	00	0	///	94	0	0	9	0	0	72	//
Rawalpindi	Jhelum	000	0	1	27	02	98	02	1	993	99	1	1	7	0	0	69	00
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi	000	0	2	00	00	98	00	0	992	94	2	2	7	9	0	75	95
	Campbellpur																	
Sargodha	Khushab	000	0	3	09	05	98	01	2	997	99	3	1	7	0	1	96	00
	Sargodha																	
	Lyallpur	000	0	0	00	00	97	00	0	990	99	0	0	9	0	0	75	00
Multan	Sahiwal	000	0	1	08	02	96	01	2	985	99	4	0	9	3	0	74	//
	Multan	000	0	6	00	00	97	59	2	989	93	5	5	2	0	/	79	99
	Leiah	000	0	0	36	04	98	00	0	996	99	0	0	9	0	0	87	07
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur	000	0	3	00	00	96	00	0	006	96	0	0	9	0	0	79	97
	Fort Abbas	000	2	5	05	02	98	35	1	971	99	0	5	8	0	0	73	00
Peshawar	Chakdara	075	7	2	27	03	98	01	9	987	90	1	2	9	0	4	76	91
	Peshawar	000	0	6	05	03	97	02	2	003	92	1	1	6	3	0	76	03
	Haripur	000	0	0	18	02	98	00	0	999	94	0	0	9	0	0	74	95
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	026	94	0	0	9	0	0	77	95
	D. I. Khan	000	3	0	00	30	98	00	0	993	00	0	0	9	0	0	74	00
Quetta	Sibi	000	0	6	23	03	97	03	1	974	08	6	2	9	6	2	54	//
	Nokkundi	000	9	6	13	05	95	09	1	883	10	6	5	7	0	0	56	12
Kalat	Turbat	///	0	8	23	10	96	02	0	974	78	4	4	5	6	0	78	02
	Jiwani	000	0	4	27	07	96	02	5	949	91	4	0	9	7	0	77	95
	Pasni	000	0	0	09	07	97	02	6	945	92	0	0	9	0	0	78	93
Karachi Division	Ormara	000	0	0	18	19	96	01	0	945	72	0	0	9	0	0	84	93
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Manora)	064	8	4	09	05	98	03	1	945	95	4	6	4	0	0	82	96
	Karachi (Air port)	000	8	4	09	12	96	01	5	945	98	4	5	5	0	0	75	99
Hyderabad	Nagarparkar	000	0	6	31	13	97	03	1	947	94	4	5	7	0	0	//	95
	Chhor	016	5	4	13	10	97	12	6	948	96	1	1	6	2	0	64	00
	Hyderabad	000	0	3	09	05	97	02	0	956	99	3	5	6	0	0	77	00
	Badin	000	0	6	05	11	90	02	0	958	99	6	6	9	0	0	75	99
Khairpur	Padidan	000	0	5	31	07	96	01	2	961	95	5	4	7	0	0	75	03
	Nawabshah	000	0	3	11	05	96	02	0	962	00	2	2	6	0	1	73	//
	Sukkur	000	8	8	02	09	94	03	2	950	95	8	0	9	9	0	77	99
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jacobabad	000	0	6	09	30	96	05	2	983	97	4	4	9	2	0	77	01
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu **																	
	Misgar *																	
	Aliabad *																	
	Gilghit *																	
Rawalpindi	Murree *	002	9	8	27	03	96	03	5	458	67	8	5	2	1	1	64	68
Peshawar	Drosh *	000	0	4	23	12	97	06	0	410	95	2	1	7	0	/	56	00
	Cherat *	230	7	5	36	03	97	03	9	459	79	5	2	6	0	0	79	81
	Kakul *	090	0	4	23	03	95	05	2	453	80	4	4	5	5	4	44	94
	Land Kotal *	000	0	3	05	05	95	01	0	446	89	0	0	9	0	5	69	90
	Parachinar *	000	0	7	13	03	96	17	9	468	77	5	9	4	2	0	69	80
D.I. Khan	Miranshah *	000	0	4	00	00	98	03	2	453	92	4	8	9	0	0	69	94
	Wana *	000	0	7	05	01	98	00	1	517	87	7	0	8	4	3	73	89
Quetta	Fort Sandeman *	000	0	8	05	25	98	03	2	453	87	8	5	5	0	0	59	89
	Hindubag *	000	0	7	13	03	92	03	0	400	84	7	8	5	0	0	32	92
	Loralai *	000	0	8	13	03	96	02	2	431	85	8	2	8	0	0	74	87
	Barkhan *	000	0	0	23	05	98	03	0	486	89	0	0	9	0	0	57	95
	Harnai *	000	0	6	23	02	96	03	2	418	90	0	4	6	1	0	63	96
	Samungli (Quetta) *	000	4	7	13	16	97	17	9	423	79	7	9	6	3	0	49	94
	Chaman *	000	0	4	13	19	98	09	3	421	00	0	0	9	2	5	61	03
	Nushki *	000	0	0	13	09	97	05	0	406	98	0	0	9	0	0	41	03
	Dalbandin *	000	8	6	05	17	94	07	2	398	06	1	5	7	3	1	63	10
Kalat	Kalat *	000	0	6	18	07	98	00	0	421	78	6	6	7	0	0	31	83
	Khuzdar *																	
	Panjgur *																	

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

Divisions	Stations	Rainfall in Cents RRR (20)	Past weather commenced at † W1 (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots f (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature 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)	Since 1st June 1967 to-date (39)	Departure from normal (40)	Since 1st January, 1967 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	6	3	18	05	98	02	1	089	88	3	2	6	0	0	81	79	—	—	32.3	—	43.9	—
	Cox's Bazar	018	2	6	16	04	97	02	6	054	84	5	9	4	2	1	77	77	+ 1	+ 1	61.3	+ 8.2	71.3	140
	Chittagong	005	9	7	13	03	97	02	6	039	84	5	3	4	7	0	77	77	+ 4	0	39.9	+ 4.0	52.8	108
	Majidee Court	000	9	6	18	09	97	02	0	047	84	3	1	5	1	0	77	81	0	+ 3	39.4	+ 4.4	61.1	115
	Comilla	000	0	4	18	05	96	02	1	049	84	4	4	5	0	0	77	79	+ 2	+ 2	28.4	+ 0.2	52.1	94
	Brahmanbaria	003	0	5	18	05	97	03	1	052	84	5	4	5	0	0	77	81		—	24.0	+ 2.5	76.8	78
	Sylhet	060	9	8	18	05	96	03	6	049	82	6	3	2	/	/	79	76	—	—	56.0	—	87.8	—
	Srimangal	046	9	6	09	03	96	02	9	050	82	3	5	6	7	1	77	77	—	+ 1	24.5	— 4.4	44.0	98
Dacca	Mymensingh	003	0	5	13	02	97	02	2	048	84	5	5	6	0	0	77	81	+ 2	+ 3	23.9	— 5.3	37.6	91
	Narayanganj	020	0	6	13	02	97	03	2	043	84	4	7	4	3	1	79	81	+ 4	+ 2	18.4	— 2.8	39.6	74
	Dacca (Tejgaon)	010	9	6	13	05	97	01	2	041	84	4	4	4	0	1	79	81	—	—	19.4	—	39.1	—
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					71
Khulna	Barisal	000	0	6	18	02	96	02	2	042	84	6	6	6	0	0	79	79	+ 5	0	21.2	— 4.7	35.8	81
	Khulna	000	0	2	00	00	97	01	1	052	88	0	0	9	7	0	79	81	+ 2	+ 3	17.7	— 4.6	30.1	68
	Satkhira	000	0	6	19	08	96	00	0	003	77	2	6	5	3	0	77	//		/	12.5	— 9.0	22.5	65
	Jessore	000	9	1	18	02	97	02	6	040	84	5	4	5	4	1	77	79		—	14.3	— 5.6	25.2	65
Rajshahi	Pabna	000	0	6	18	05	99	03	1	038	84	6	0	7	0	1	79	79	—	—	20.3	—	30.9	59
	Sirajganj	000	0	6	18	02	98	02	2	040	79	2	1	6	0	8	79	81	+ 2	+ 2	17.8	— 2.2	37.5	64
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					—
	Bogra	000	0	7	23	03	96	02	2	039	82	7	4	5	0	1	77	79	+ 1	0	29.7	— 8.7	46.2	69
	Dinajpur	000	3	5	23	02	96	01	1	032	84	5	0	9	2	0	74	79	+ 3	0	20.6	— 3.9	24.5	72
	Rangpur	000	0	4	18	02	96	02	0	005	84	4	0	9	4	0	79	78	+ 1	— 1	25.6	+ 0.3	41.3	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	1	23	02	96	01	0	028	89	1	0	9	3	1	76	83	— 2	+ 4	3.4	— 2.9	6.6	19
	Sialkot	000	0	6	00	00	97	02	0	021	88	6	4	5	0	0	77	78	—	— 1	3.1	— 5.0	7.2	32
Rawalpindi	Jhelum	000	0	7	13	03	97	02	1	026	89	2	5	7	7	0	75	85	—	—	3.0	—	9.1	—
	Islamabad	000	0	6	00	00	97	03	0	///	85	6	2	5	0	0	79	76		—	0.5	—	5.6	—
	Rawalpindi	000	0	7	09	02	98	02	2	023	85	6	5	6	3	0	74	78	— 2	+ 1	3.0	— 4.3	13.8	38
	Campbellpur																							—
Sargodha	Khushab	000	0	5	13	02	97	03	2	069	85	/	/	/	/	/	//	75	— 2	— 7	0.4	— 3.3	6.9	13
	Sargodha																							—
	Lyallpur	000	0	0	00	00	96	00	0	019	88	0	0	9	0	0	78	83	— 1	+ 3	0.1	— 3.1	4.4	12
Multan	Sahiwal	000	0	0	00	00	96	02	0	018	92	0	0	9	0	0	75	81	—	— 2	2.9	+ 0.3	6.7	10
	Multan	000	9	6	09	02	96	02	9	010	91	1	5	6	3	0	77	85	— 3	0	0.3	— 1.3	2.6	7
	Leiah	000	0	2	25	02	97	02	0	055	89	0	0	9	0	2	74	79	—	—	0	—	0	8
Bahawalpur	Khanpur	000	0	2	00	00	96	01	0	005	93	2	0	9	2	0	76	83		0	0	— 1.6	1.6	6
	Bahawalpur	000	0	5	13	02	96	03	0	009	89	0	0	9	0	2	79	82	— 8	— 1	0.3	— 1.3	1.9	6
	Fort Abbas	000	2	7	13	02	98	20	9	012	93	0	0	9	0	7	74	83	—	—	4.4	—	4.9	8
Peshawar	Chakdara	075	0	7	09	02	97	02	2	007	80	7	0	9	7	0	76	76	—	—	1.5	—	18.5	—
	Peshawar	000	0	6	31	03	97	03	2	017	88	1	8	6	3	0	77	75	— 9	— 5	0.1	— 1.0	13.5	11
	Haripur	000	4	7	31	03	97	03	2	030	86	7	0	9	7	0	79	76	—	—	3.7	—	14.4	—
D. I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
	D. I. Khan	000	3	4	05	02	98	01	1	013	98	0	0	9	0	4	80	84	— 3	+ 1	2.1	+ 0.1	6.1	9
Quetta	Sibi	000	0	4	23	03	97	03	1	007	92	4	3	5	0	0	//	//	—	/	0.7	—	5.0	5
	Nokkundi	000	9	0	13	03	95	05	3	946	91	0	0	9	0	0	40	88	—	—	0	—	0.9	2
Kalat	Turbat	000	0	0	09	03	98	02	0	000	88	9	0	9	0	0	79	73	—	—	0	—	0.3	—
	Jiwani	000	0	2	05	09	96	02	1	974	90	2	0	9	4	0	73	83	—	—	0	—	1.1	5
	Pasni	053	9	6	05	03	97	68	2	///	//	6	6	4	0	0	81	76	+ 2	— 2	1.1	+ 0.5	1.1	6
Karachi Division	Ormara	000	0	6	09	14	96	03	2	934	84	5	2	5	3	0	80	//	—	—	1.0	+ 0.5	1.0	6
	Lasbela	///	0	2	00	00	97	00	0	011	88	0	0	9	0	0	82	//	—	—	0	—	0	8
	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 8					8
	Karachi (Air port)	000	0	4	09	07	96	03	9	014	84	6	0	4	0	0	78	81	—	—	4.3	—	10.4	—
Hyderabad	Nagarparkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Chhor	047	0	3	23	07	96	03	0	027	85	3	5	6	0	0	76	80	—	—	1.1	—	1.1	7
	Hyderabad	000	0	3	13	03	97	02	0	025	85	3	5	6	0	0	79	82	+ 1	+ 1	1.7	— 0.6	3.7	9
	Badin	000	0	2	23	05	98	02	0	014	88	0	0	9	0	2	77	81	+ 2	4	0.7	— 2.4	2.4	
Khairpur	Padidan	039	9	1	00	00	96	00	9	020	84	1	1	7	0	0	80	80	—	—	1.1	—	2.9	—
	Nawabshah	000	8	4	00	00	96	03	0	022	85	3	4	6	0	8	78	78	—	—	1.1	—	2.1	—
	Sukkur	000	9	4	13	02	97	03	5	014	91	4	0	9	3	0	80	83	—	—	0.1	—	0.6	4
	Kashmore	000	0	0	00	00	98	02	0	008	90	0	0	9	0	0	74	86		—	1.2	—	1.1	—
	Jacobabad	000	9	3	00	00	97	03	5	018	91	3	0	9	7	0	81	83	— 7	— 1	0	— 0.9	1.5	4
Junagadh	Veraval																							20
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							28
	Leh **																							3
	Skardu **																							6
	Misgar *																							—
	Aliabad *																							—
	Gilghit *																							5
Rawalpindi	Murree *	002	9	8	00	00	92	49	1	474	64	9	/	/	/	/	63	61	— 5	+ 3	6.1	—	33.4	59
Peshawar	Drosh *	000	0	3	00	00	97	06	0	475	81	3	2	6	0	0	66	77	+ 3	+ 4	0.6	—	17.1	18
	Cherat *	230	0	5	36	02	97	03	2	464	77	3	2	6	0	0	70	71	— 8	0	4.5	+ 0.5	17.9	29
	Kakul *	090	0	8	09	02	97	03	2	469	75	8	7	5	0	0	71	68	—	—	8.7	—	30.3	—
	Land Kotal *	000	0	0	36	03	96	02	0	456	83	0	0	9	0	0	70	77	—	—	0.7	—	18.6	—
	Parachinar *	000	9	6	13	02	97	17	9	472	74	4	9	6	7	0	66	71	— 7	+ 5	5.2	—	20.9	29
D.I. Khan	Miranshah *	000	0	6	05	05	98	03	2	356	85	6	0	9	3	0	69	80	—	—	0.6	— 1.3	2.7	13
	Wana *	000	0	0	00	00	99	00	0	513	77	0	0	9	0	0	74	78	—	—	0.9	—	5.8	11
Quetta	Fort Sandeman *	000	0	2	00	00	98	01	1	466	75	0	0	9	0	4	66	74	— 11	0	0.9	— 1.0	11.6	11
	Hindubag *	000	0	0	00	00	98	02	0	452	74	0	0	9	0	0	41	70	—	—	0	—	5.8	—
	Loralai *	000	0	3	00	00	97	01	0	410	75	0	0	9	0	2	67	64	—	—	0.3	—	5.1	9
	Barkhan *	000	0	6	18	09	97	03	0	449	78	0	0	9	0	0	78	69	—	—	2.0	—	3.0	—
	Harnai *	000	0	0	00	00	97	02	0	432	84	0	0	9	0	0	71	78	—	—	2.0	— 0.3	10.7	14
	Samungli (Quetta) *	000	0	1	13	03	97	02	9	457	77	1	5	6	0	1	61	71	—	—	0	— 0.4	7.5	9
	Chaman *	000	0	5	18	01	98	00	0	459	83	0	0	9	0	0	63	80	+ 2	+ 5	0	— 0.1	4.2	8
	Nushki *	000	0	0	00	00	98	00	0	394	97	0	0	9	0	0	58	84	—	—	0	—	3.8	—
	Dalbandin *	000	0	1	00	00	95	05	4	445	90	0	0	9	0	0	69	84	0	+ 8	0	— 0.0	1.8	4
Kalat	Kalat *	000	0	0	18	02	98	00	0	454	70	0	0	9	0	0	20	60	— 8	— 2	0	— 0.6	6.3	7
	Khuzdar *																							—
	Panjgur *																							5

† 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. is rainfall since 0300 hrs. G.M.T of the same day
Whenever given for RRR see the summary above is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FIRDAY THE 21st JULY, 1967.

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 $N_sCh_sh_s$	$O_sTT_sT_dT$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Zaphon	53 228	599 00	8 00 00	98 02 2	978 27	55 5 10	76 7 12	// / //	05 3 26	10 0 /0
Baghe Karachi	53 082	828 06	8 22 09	98 02 2	031 25	96 2 //	...	...	...	...
Caltex Naples	53 183	589 06	8 20 12	97 02 2	975 25	85 4 //	56 / //	// / //	05 1 23	12 0 32
Mustali	53 196	698 12	8 26 28	97 03 5	980 25	82 5 22	72 3 03	...	...	...
Caltex Naples	53 169	572 42	8 24 13	97 10 2	962 25	9/ 4 2/	// / //	// / //	00 2 23	12 4 32
Mustali	53 199	696 18	7 22 22	98 02 2	997 26	71 6 //	72 1 03	...	...	...
Baghe	53 065	819 18	5 21 13	97 03 1	013 24	77 1 4/	...	...	...	...
BAY OF BENGAL										
Baghe Karachi	58 092	828 06	8 22 09	98 02 2	032 25	86 2 //	...	...	...	...
Arimanvia	52 025	901 13	1 17 08	98 01 0	878 28	11 4 00	55 6 02	// / //	05 1 23	...
Siranda	52 059	858 42	5 19 16	99 02 2	080 29	42 4 10	/////	// / //	00 0 24	11 9 22
City of Oxford	53 035	871 13	2 17 10	99 03 0	065 29	25 //	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isoboric Levels: Surface PPPTITT$_d$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
			HHH TTT T_d T $_d$T^d								HHH TTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra —														
Chittagong ...	80 00	001 262 999	046 260 999	...	140 205 999	...	310 122 999	...	596 008 999	773 578 999	991 698	282 878	482 068	...
Dacca ...	00 00	003 238 262	...	...	140 195 999	—	311 138 999	...	587 510 999	762 603 999	977 732	262 940	450 062	694 1
Jiwani ...	00 00	990 262 245	...	...	138 235 228	...	305 148 999	...	583 010 999	760 555 999	980 692	...	...	...
Karachi ...	00 00	997 275 248	...	...	140 168 999	...	304 100 999	...	575 542 999	746 665 999	957 798	...	...	...
Lahore ...	00 00	997 302 225	...	...	142 252 202	...	313 180 140	...	592 502 999	767 615 999	984 698	283 775	...	...
Multan ...	00 00	986 298 272	...	...	140 275 182	...	313 095 125	...	596 075 015	777 515 552	...	309 725	520 740	...
Peshawar ...	00 00	800 24/ ///	...	...	140 265 255	...	313 022 412	...	591 012 999	756 592 999	972 950	...	...	...
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	—	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT T_dT T_d									Max Height Reached PPPTTT T_dT^{d}T^d	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 22/ ///	350 63/ ///	250 78/ ///	...	...	...	...	...	...	150 008 999	...	...
Dacca ...	00 00	900 22/ ///	800 20/ ///	600 06/ ///	525 00/ ///	350 67/ ///	250 82/ ///	...	...	...	190 230 999	—	...
Jiwani ...	00 00	930 252 245	800 222 212	600 08/ ///	350 61/ ///	250 75/ ///	...	...	...	...	250 75/ ///	...	...
Karachi ...	00 00	900 19/ //	800 16/ ///	600 02/ ///	350 73/ ///	250 88/ ///	...	...	...	—	250 88/ ///	...	...
Lahore ...	00 00	900 275 215	800 235 198	600 102 072	350 658 999			...	...	...	200 775 999	...	...
Multan ...	00 00	930 315 235	900 302 195	800 248 185	600 138 062	350 56/ //	250 66/ ///	...	...	...	150 740 999	...	...
Peshawar ...	00 00	600 09/ ///	350 66/ ///	284 76/ ///	...	...	...	...	...	...	284 76/ ///	...	...
Quetta ...	00 00	MISDA	...	...	...	...	—	...	...	...	...	...	...

P P—Pressure in hundreds tens and units of millibars.

T T: 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. → / 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	At 0000 hrs. G.M.T. of date (date ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 G.M.T of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	5.4	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
Bogra	20 12	20 12	29 13	20 13	30 10	23 07	27 08	29 04	09 08	22 14	22 21	22 21	19 12	23 15	...	21 06	21 05	19 07	...	...	...	...	...	...	...	...
Chaklala	...	10 03	36 01	34 05	33 04	33 06	34 09	33 02	22 04	...	11 12	14 14	18 06	18 06	30 07	...	10 05	11 03	30 06	27 07	26 06	...	...	...	...	...
Chhor	14 13	12 10	10 13	07 17	07 19	09 20	...	...	...	20 12	21 10	17 15	13 19	11 20	10 21	20 09	19 09	17 13	...	...	...	...	...	...	...	...
Chittagong	...	...	...	...	...	...	...	...	...	15 15	16 12	18 11	17 09	...	...	18 13	19 13	20 19	21 13	...	...	...	...	...	...	...
Cox's Bazar	20 17	20 17	19 15	15 04	14 07	13 03	03 02	07 04	24 04	16 08	16 06	25 08	22 12	24 07	25 06	20 06	21 08	22 05	22 03	25 08	...	...	...	...	...	...
Dacca	18 08	18 08	21 10	21 10	21 19	21 13	...	...	...	20 10	20 13	21 13	...	...	...	20 05	21 11	21 14	20 12	20 17	...	...	...	...	...	—
Dalbandin	...	...	13 14	09 08	05 08	...	...	...	...	...	...	17 10	16 14	16 14	...	...	...	18 04	13 10	13 09	12 17	08 16	07 26	11 20	11 23	...
D. I. Khan	...	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	..	—	...	22 12	17 05	35 09	35 10	31 03	...	...	...	18 02	21 06	20 06	...	...	...	...	22 03	30 20	01 10	01 10	01 11	—	...
Fort Sandeman	...	—	...	09 13	09 15	06 12	05 12	...	...	...	...	...	20 05	23 07	26 03	...	...	...	05 01	34 01	23 10	05 06	14 07	...	...	...
Jacobabad	09 14	09 17	10 17	10 20	11 24	12 35	...	...	...	03 09	04 06	07 03	12 21	16 15	14 17	15 03	14 02	19 02	19 03	19 03	15 11	10 15	10 19	13 26	13 32	13 35
Jessore	...	...	...	...	...	...	...	...	...	21 12	21 16	18 16	21 17	20 14	29 10	20 09	20 08	22 13	22 16	...	...	...	...	...	...	—
Jhelum	23 01	21 02	17 02	18 02	33 05	34 12	29 05	33 06	30 04	13 05	15 05	21 07	25 04	30 06	34 07	20 02	23 05	24 04	28 05	31 09	35 13	34 11	20 03	30 02	36 10	33 07
Jiwani	31 11	35 10	03 11	07 25	09 32	...	—	...	...	.	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Karachi	07 18	08 12	08 17	...	...	...	...	...	...	...	..	...	.	...	...	15 17	13 16	14 12	18 16	...	...	...	...	...	...	—
Khanpur	04 21	04 23	08 19	11 12	13 08	...	...	...	...	02 14	09 16	04 19	06 11	...	...	25 04	27 03	25 03	35 01	04 05	05 07	...	...	...	...	...
Lahore	09 10	09 08	10 07	11 07	14 08	16 04	...	...	...	19 06	18 11	17 10	16 05	01 04	34 06	16 02	18 03	12 03	06 04	34 07	35 14	34 08	04 05	07 08	06 13	06 15
Multan	03 10	05 09	06 09	07 13	09 12	...	...	...	...	07 08	12 07	15 06	17 02	14 07	10 08	17 07	17 11	17 09	22 04	31 06	33 05	29 10	...	...	...	...
Nawab Shah	...	...	...	...	...	...	...	...	...	03 05	17 04	17 04	14 25	11 21	10 25	16 08	14 07	12 07	12 15	11 19	...	...	...	—	...	...
Panjgur	.	...	...	19 01	05 01	34 02	34 15	31 05	31 01	...	...	—	...	...	...	...	...	...	...	...	...	...	...	—	...	...
Peshawar	...	05 07	08 02	17 08	21 12	01 04	02 12	—	...	...	...	—	...	...	...	...	04 05	00 05	31 04	29 08	30 05	34 16	35 14	31 15	31 13	...
Samungli	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	24 13	25 12	...	...	...	...	17 13	15 09	07 10	12 14	13 21	09 28	11 20
Sargodha	...	—	...	...	...	...	...	...	...	19 13	20 11	3 15	01 03	07 03	16 04	21 02	24 02	24 03	23 04	25 02	02 05	33 08	33 05	05 04	05 07	...
Sylhet	11 05	29 06	22 12	23 13	...	...	...	...	...	19 10	19 12	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
Vravale	...	...	...	...	...	—	...	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The actual time of observation may vary within half an hours 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 —																		
Peshawar —	11 21	10 15	18 16	11 28	10 30	11 29	11 29	11 29	11 33	11 42	11 27	...	...	...	...	...	...	...
Quetta —	...	01 08	30 09	25 10	24 10	24 11	21 15	20 17	20 17	19 15	17 38	...	—	...	...	...	. .	...

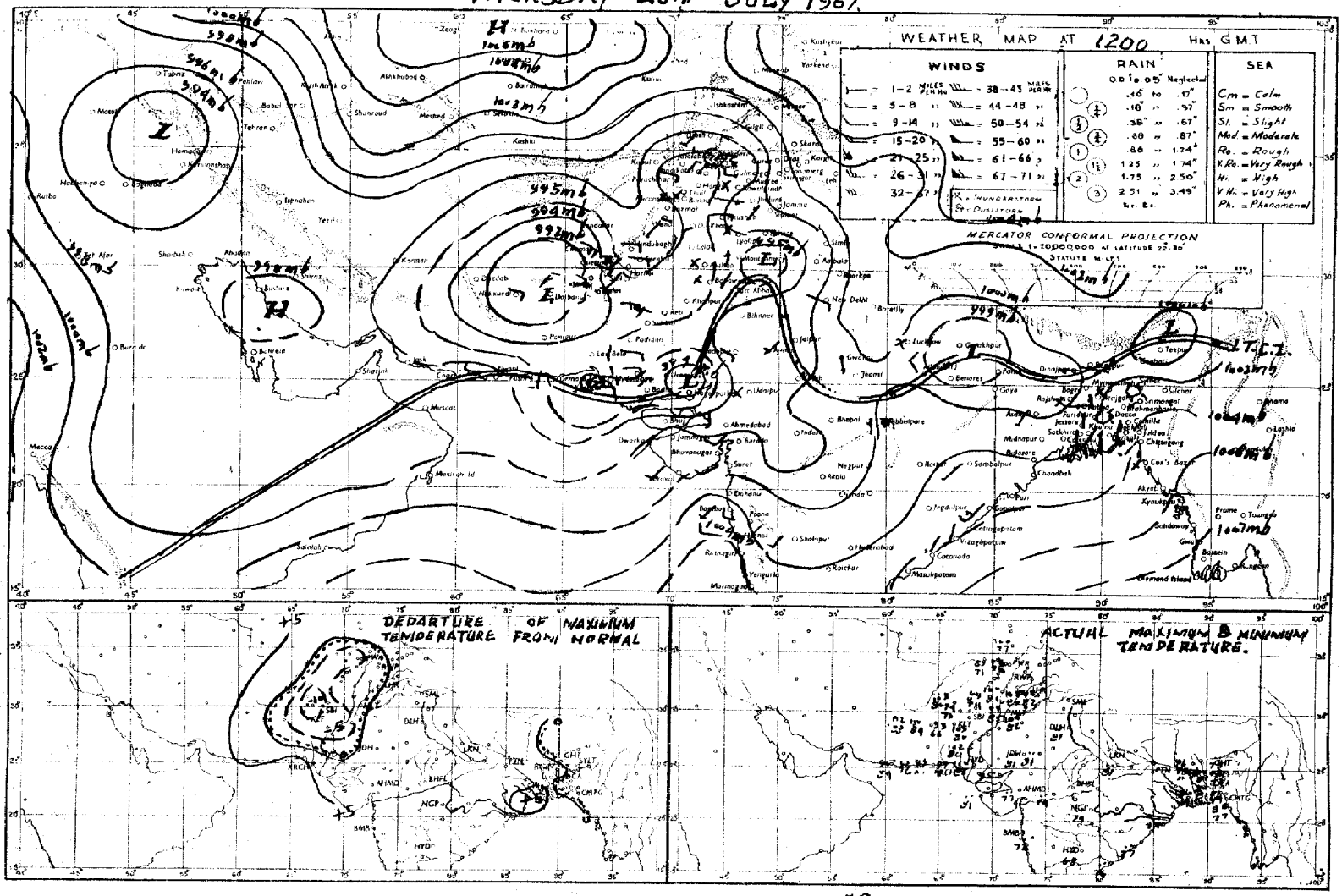
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North throughout East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections may be obtained if necessary on application to the Meteorologist, Weather Centre, Air Port, KARACHI—8.

PAKISTAN DAILY WEATHER MAP

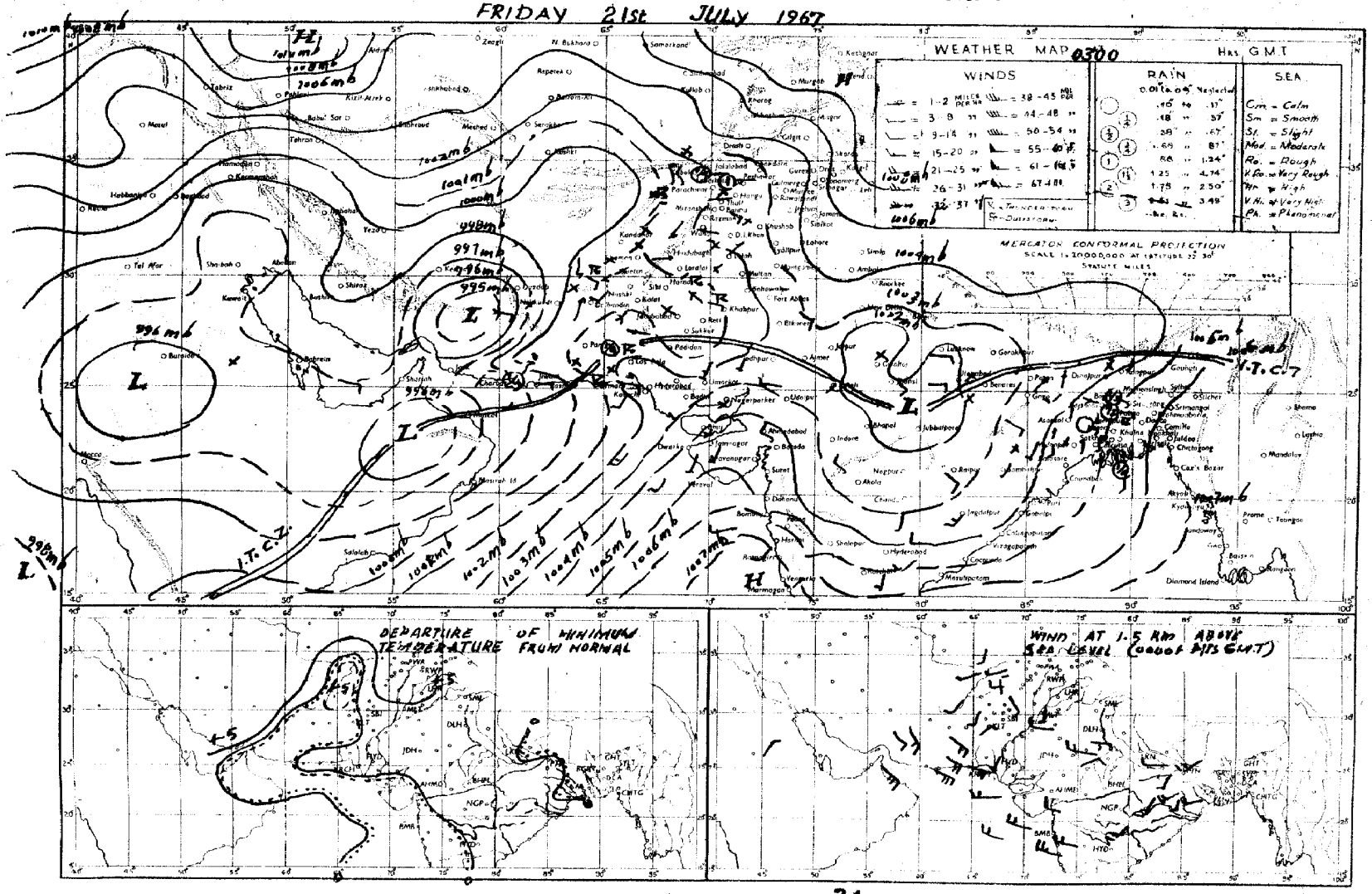
THURSDAY 20th JULY 1967



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

FRIDAY 21st JULY 1967



Rainfall amounts indicated in the above chart refer to 24 hours

Pgees 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

SATURDAY THE 22nd JULY, 1967.

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

Yesterday's low pressure area over western sector of north Arabian Sea has moved westwards and merged with seasonal low over Saudi Arabia.

The axis of monsoon trough has shifted further northwards and now extends from Lahore division and central Utter Pradesh to Assam.

Scattered rain/thundershowers have occured in Kalat and Karachi divisions and a few thunderstorms in Bahawalpur and Quetta divisions.

Observations are lacking but belive conditions are becoming unsettled over north west Bay of Bengal Rain/thundershowers have been local in Chittagong division and scattered in Khulna division.

Chief amounts of rainfall are: Sylhet 1½", Srimangal (upto 22,0000Z) 3/4", Chittagong and Brahamanbaria ½" each, Khulna 1/4".

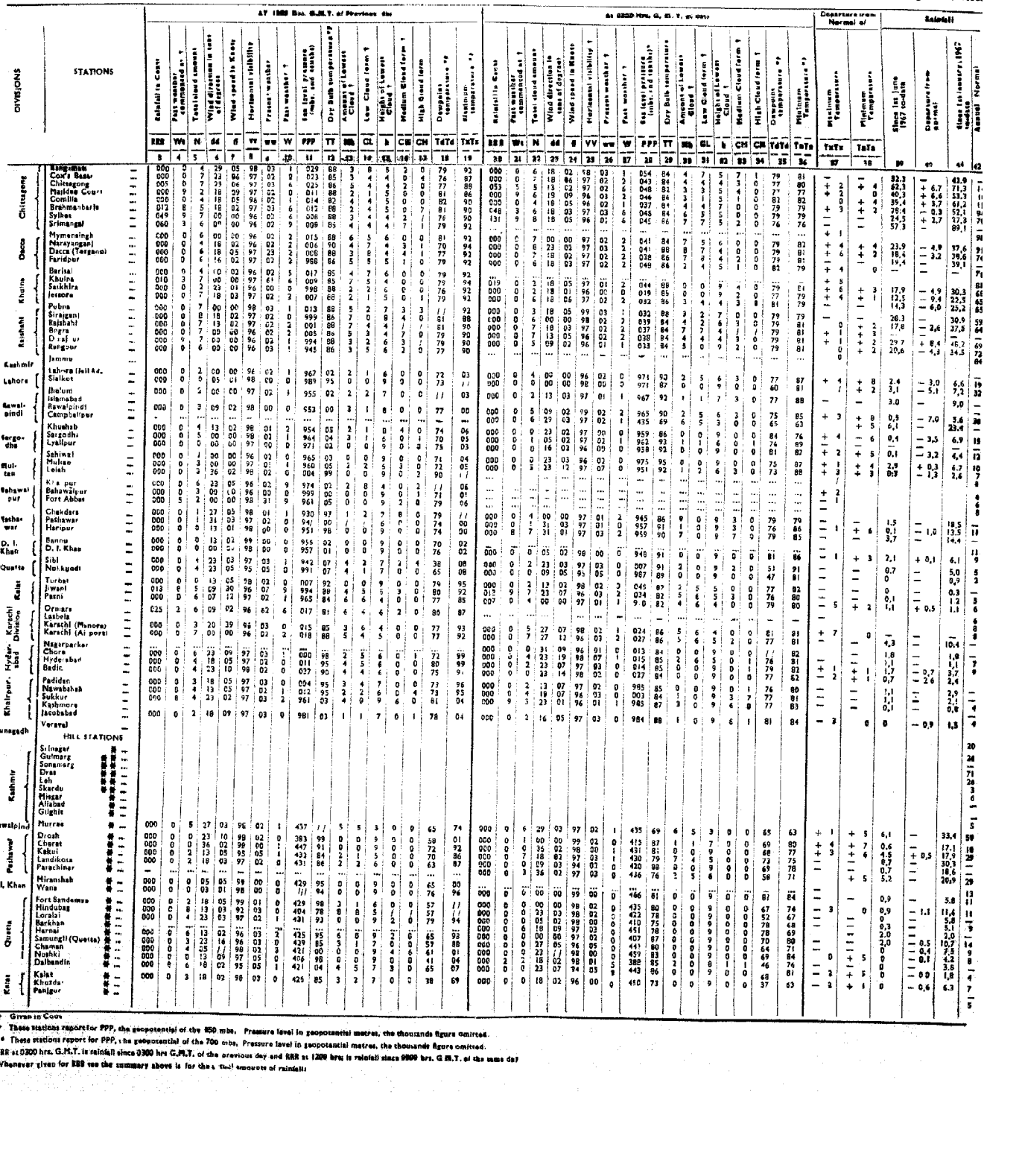
Day temperatures were 3—7 °F (2—4 °C) above normal in Dacca, Khulna, Lahore, Rawalpindi, Sargodha, Peshawar and Karachi divisions and 3—5 °F (2—3 °C) below normal in Quetta, Kalat and Kairpur divisions.

Forecast valid until the evening of 23rd July, 1967:- Rain/thundershowers will be fairly widespread in Chittagong division, local in Rajshahi and Dacca division and scattered in Khulna, Lahore, Rawalpindi, Peshawar and Quetta divisions and in Kashmir. A few falls of drizzle may also occure in Karachi and coastal Kala divisions.

Karachi-11
The 22nd July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meteorological Services



† 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 is rainfall since 0900 hrs. G.M.T. of the same day

Whenever given for RRR see the summary above is for the actual amounts of rainfall

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 22nd JULY, 1967.

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 $N_sCh_sh_s$	$O_sTT_sT_dT$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
x Bag'ie	68 059	807 00	6 12 09	97 01 2	020 23	57 2 /1	...	...	...	...
Dum a	63 239	539 04	3 02 00	96 23 0	/// //	22 5 02	65 6 03	61 2 56	...	...
Cal ex Naples	63 134	552 06	5 20 40	95 11 2	025 26	50 5 30	53 / //	// / //	00 0 22	...
Shams	63 168	724 06	8 27 13	97 15 2	068 28	57 3 7/	76 4 27	// / //	00 1 24	...
Mussali	63 214	683 12	4 22 11	93 01 1	010 29	43 6 10	7/ 1 02	...	...	...
altex Naples	63 125	649 42	7 21 22	97 03 2	022 25	00 9 07	/ / / / /	// / //	05 1 21	...
Shams	63 183	715 12	8 27 12	97 53 5	055 27	67 2 //	74 4 13	// / //	00 0 24	...
snana	63 195	706 18	6 28 11	98 01 5	057 29	47 3 39	74 4 89	// / //	00 2 25	...
Vnnarsa	63 197	708 18	6 26 17	98 02 0	051 28	12 3 79	75 3 04	// / //	05 0 24	...
M strali	63 219	685 18	5 22 07	99 03 1	020 25	51 6 10	72 1 03	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTT$T_dT_dT_d$	1000 mb HHH TTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHH TTT	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 ...	00 00	996 277 242	...	...	149 202 999	...	309 132 999	...	585 012 999	761 605 999	976 755	259 959	445 070	
Karachi ...	00 00	999 302 265	...	...	140 205 999	...	310 135 999	...	584 008 999	760 590 999	923 745	277 949	443 090	...
Lahore ...	00 09	973 312 228	...	...	145 245 195	...	310 170 083	...	587 508 999	762 615 999	979 795	278 820	...	...
Multan ...	00 00	982 332 /05	...	...	141 292 205	...	309 042 085	...	583 538 999	757 /15 999	974 730	269 790	...	—
Peshawar ...	00 00	956 322 218	...	...	140 /// ///	...	309 192 999	...	587 078 999	753 582 999	981 698	...	...	...
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	—	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT $T_dT_dT_d$									Max Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St HHHHTT	St. HHHHT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...													
Jiwani ...	00 00	900 24/ ///	800 18/ ///	600 09/ ///	350 68/ ///	250 84/ ///	...	...	...	...	150 070 999	...	...
Karachi ...	00 00	901 230 999	800 175 999	600 685 999	350 65/ ///	250 83/ ///	316 29/ ///	...	...	—	116 29/ ///	...	...
Lahore ...	00 09	900 275 205	800 225 175	600 062 052	506 000 999	350 652 999	250 762 999	...	...	—	200 920 999	...	...
Multan ...	00 00	990 330 240	800 222 172	600 060 999	533 000 999	350 660 999	250 750 999	—	...	—	200 790 999	...	...
Peshawar ...	00 00	900 315 782	800 24/ ///	608 10/ ///	...	...	...	...	...	...	300 658 999	...	...
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 °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 G.M.T. of date (dd ff) 0.3	0.4	0.9	1.5	2.1	3.0	5.4	5.4	6.0	7.2	0.9
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 11	18 99	21 08	22 14	22 13	...	...	...	...	21 11	21 20	21 21	19 17	18 13	...	22 09	22 12	21 13	20 13	20 15	...	...	...	...	...	...
Chaklala	24 20	08 03	05 02	28 05	29 11	33 08	32 12	31 13	...	...	11 06	13 0/	20 03	26 //	...	...	14 06	15 03	28 07	29 10	33 08	05 14	04 10	00 38	...	...
Chhor	23 14	25 10	24 12	21 06	17 12	10 12	...	...	...	23 20	24 20	24 23	21 15	09 16	...	22 30	23 22	24 21	...	...	...	...	...	...	...	...
Chittgong	25 12	24 19	24 25	...	...	...	...	...	...	21 08	22 11	22 09	23 05	...	...	21 12	21 13	21 11	...	...	...	...	...	...	...	...
Cox's Bazar	24 09	25 08	26 05	25 03	32 02	18 03	12 02	...	...	20 14	27 06	23 11	24 10	...	...	20 11	20 09	20 09	18 08	19 07	20 08	...	...	...	...	...
Dacca	18 07	19 10	21 12	23 10	24 14	26 04	24 12	20 06	29 02	20 10	20 13	21 13	...	...	...	18 04	21 07	21 10	// //	21 07	27 02	21 10	21 07	25 11	27 06	15 09
Dalbandin	...	...	24 02	17 04	16 03	...	...	...	...	—	...	24 10	26 15	28 14	33 03	...	...	24 08	24 17	25 17	27 13	30 10	28 14	29 20	30 31	...
D. I. Khan	...	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	—	...	21 10	22 06	29 18	39 29	30 29	...	...	...	18 02	21 06	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	26 05	25 04	07 05	33 10	...	...	...	...	...	34 03	26 11	32 27	...	...	...	27 01	14 03	29 03	31 06	04 07	08 13	01 10	32 33
Jacobabad	23 04	21 03	20 17	19 18	10 06	10 08	07 10	10 10	10 18	19 21	20 22	20 21	23 12	24 09	31 18	18 14	20 17	22 17	23 25	24 13	27 12	03 25	25 20	07 16	03 10	06 25
Jessore	20 11	// //	21 13	21 12	23 13	...	...	...	...	19 23	29 23	20 21	18 15	18 09	30 07	19 08	20 10	20 14	...	...	...	...	...	...	...	...
Jhelum	22 03	19 03	18 02	32 04	30 14	31 11	35 11	33 17	30 15	13 05	// //	21 07	25 04	30 06	34 07	...	...	...	...	...	...	...	...	...	...	...
Jiwani	No	Ascent	...	...	...	...	—	...	...	...	...	...	...	...	...	21 09	22 08	...	...	...	...	...	...	...	...	...
Karachi	19 13	18 11	17 07	...	...	...	...	...	...	...	...	...	...	...	...	28 19	27 15	...	...	...	...	...	...	...	...	...
Khanpur	21 07	25 06	26 05	34 02	...	...	...	...	...	23 15	24 18	24 17	17 16	24 11	...	22 10	23 12	23 15	24 16	25 10	...	...	...	...	...	...
Lahore	31 02	30 02	24 02	31 04	33 08	24 11	32 13	34 12	...	18 12	22 15	25 15	27 14	30 19	34 15	...	22 03	24 04	26 09	29 08	24 07	34 02	16 06	13 06	05 19	02 21
Multan	21 05	20 06	20 07	20 04	30 03	35 08	34 10	08 15	04 12	11 29	22 25	22 18	23 03	25 04	01 12	22 22	22 25	24 19	22 10	19 09	30 17	36 15	02 18	02 25	35 71	01 27
Nawab Shah	15 03	20 05	19 06	15 13	13 15	11 14	11 16	10 15	10 19	03 05	17 04	17 04	14 25	11 21	10 25	21 09	20 09	20 07	33 06	35 06	09 05	07 12	08 18	08 16	08 17	07 22
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	06 08	12 09	18 18	21 11	29 15	34 17	33 19	34 05	...	30 07	28 06	23 04	09 02	31 16	...	36 04	31 05	29 04	30 08	31 15	32 15	15 12	32 17	32 17	...
Samungli	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	18 06	29 09	...	...	...	...	30 15	35 13	35 04	31 07	31 11	31 19	...
Sargodha	18 04	21 02	20 02	22 06	24 07	30 12	...	...	...	20 10	21 10	// //	25 14	27 10	29 15	11 03	13 02	15 01	19 03	23 04	34 04	30 08	30 10	...	...	...
Sylhet	25 03	24 03	26 08	25 12	...	...	...	-	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Vravaie	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The actual time of observation may vary within half an hours 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	28 16	38 15	19 15	28 13	30 29	07 40	12 33	12 21	14 21	11 19	08 41	...	..	...	...	...	...
Peshawar —	...	30 14	29 13	27 06	27 05	27 04	24 04	26 12	26 13	25 21	23 36	...	—	...	...	...	...	...
Quetta —																		

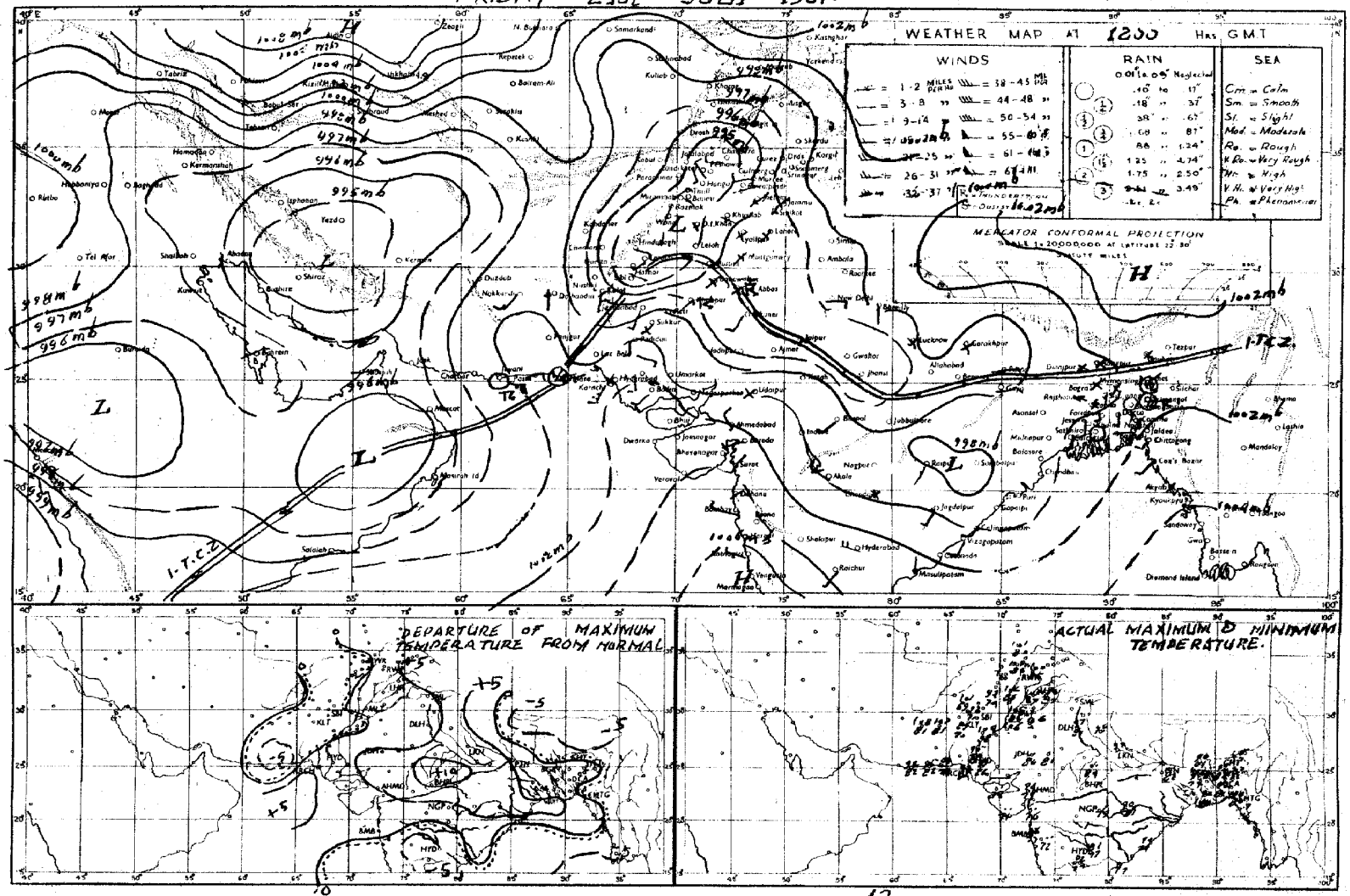
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr 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—8

PAKISTAN DAILY WEATHER MAP

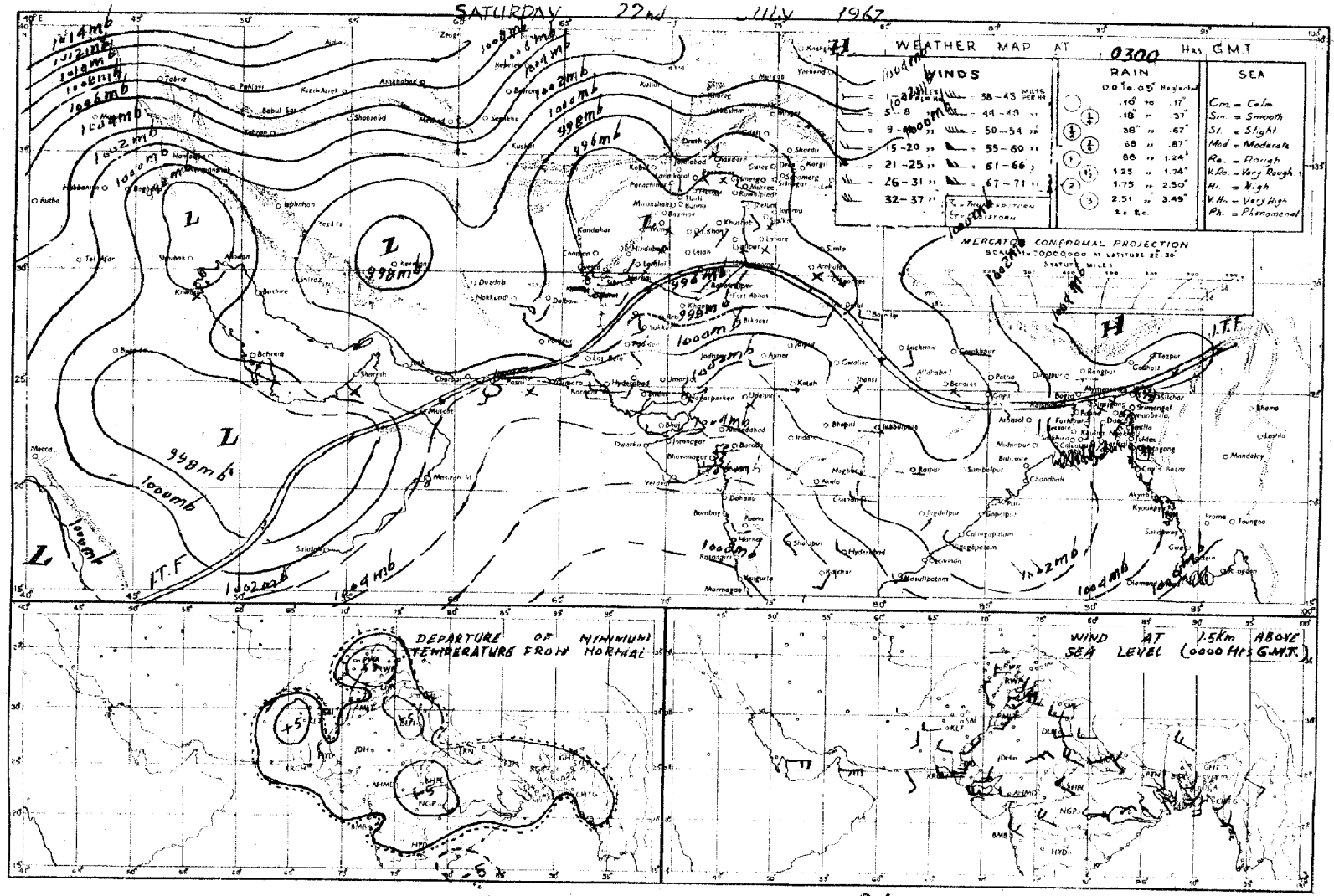
FRIDAY 21st JULY 1967.



Rainfall amounts indicated in the above chart refer to past 12 hours

PAKISTAN DAILY WEATHER MAP

SATURDAY 22nd JULY 1967



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

Pgees 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

SUNDAY THE 23rd JULY, 1967.

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

A western disturbance lies over Russian Turkistan north of Afghanistan.

The seasonal trough of low pressure extends from Kalat division to D.I. Khan division.

A few thunderstorms have occured in Khairpur division.

The axis of monsoon trough has shifted south-wards and now runs across Multan division, Vindhya Pradesh and northwest Bay of Bengal. In its association monsoon remained week and has caused local rain/thundershowers in Chittagong division and scattered in Rajshahi division.

Chief amounts of rainfall **are:** Sylhet and Rangpur 1½" each, and Srimangal ¼".

Day temperatures were 3—7°F (2—4 °C) above normal practically over the whole country.

Forecast valid until the evening of 24th July, 1967:- Rain/thundershowers will be local in Chittagong and Rawalpindi divisions and scattered elsewhere in East-Pakistan, Kashmir and in Peshawar, Lahore, Sargodha, Quetta, Kairpur, Hyderabad, Karachi and Bahawalpur divisions.

Earth quake report:- The seismograph at Geophysical institute at Quetta has recorded an earthquake of seaver intensity on the 22nd July 1967 at 22 hours 03 minutes W.P.S.T.

The epicentre lay about 1600 miles northnorth west of Quetta in eastern Turkey.

Karachi-11
The 23rd July, 1967.

O B S E R V A T I O N S

(N. A. QURESHI)
for Director, Meteorological Services.

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

DIVISIONS	STATIONS	Rainfall in Cents RRR (3)	Past weather W1 (4)	Total cloud amount N (5)	Wind direction dd (6)	Wind speed ff (7)	Horizontal visibility VV (8)	Present weather ww (9)	Past weather W (10)	Sea level pressure 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 TdTd (18)	Maximum temperature TxTx (19)
Chittagong	Rangamati	006	6	7	18	02	97	02	7	042	80	6	7	5	2	/	77	90
	Cox's Bazar																	
	Chittagong	010	3	8	18	08	96	03	6	023	85	6	3	3	2	/	75	96
	Majidee Court	000	9	7	18	55	96	03	2	006	85	3	1	5	1	0	77	87
	Comilla	000	0	5	00	00	96	02	1	015	75	5	4	5	—	.	77	50
	Brahmanbaria	000	0	5	18	02	97	03	1	021	82	4	3	5	—	—	77	90
	Sylhet	006	9	7	00	00	96	02	6	017	82	6	4	4	2	0	77	85
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...
Dacca	Mymensingh	000	0	7	13	02	96	01	2	028	86	7	5	6	0	0	80	90
	Narayanganj	000	0	6	23	02	96	03	2	015	87	4	7	4	3	1	79	91
	Dacca (Tejgaon)	000	0	7	18	02	97	21	2	010	87	4	9	5	3	1	77	91
	Faridpur	000	0	7	15	02	97	02	2	992	84	5	5	5	1	0	79	91
Khulna	Barisal	000	0	4	18	02	96	02	2	016	85	4	7	6	—	—	79	91
	Khulna	000	0	3	09	05	97	02	1	007	87	0	0	9	4	0	80	93
	Satkhira	000	0	4	18	01	96	00	0	007	75	2	4	5	2	0	//	//
	Jessore	000	0	7	18	05	97	02	2	005	85	6	3	5	7	0	75	91
Rajshahi	Pabna	000	0	6	27	02	99	03	2	999	87	4	8	7	4	0	79	91
	Sirajganj	000	0	6	00	00	97	02	2	001	87	6	0	9	4	0	80	87
	Rajshahi	003	3	6	00	00	97	02	6	000	90	4	4	4	2	/	80	91
	Bogra	000	0	6	05	02	96	01	2	005	//	1	1	4	3	0	79	90
	Dinajpur	005	9	7	23	06	96	02	6	030	82	7	9	4	3	0	77	86
	Rangpur	000	0	4	00	00	96	01	2	947	86	1	2	6	3	0	77	90
Kashmir	Jammu																	
Lahore	Lahore (Fall Rd.)	000	0	5	13	05	96	02	1	915	03	3	2	6	3	0	79	05
	Sialkot	000	0	0	34	01	98	00	0	939	00	0	0	9	0	0	79	//
Rawalpindi	Jhelum	000	0	2	13	02	98	02	0	910	01	2	2	7	—	—	77	04
	Islamabad	000	0	2	09	03	97	03	0	///	00	2	3	3	—	—	73	00
	Rawalpindi	000	0	2	00	00	98	00	0	898	01	3	2	7	0	0	74	03
	Campbellpur																	
Sargodha	Khushab	000	0	2	00	02	98	02	2	896	09	0	0	9	2	0	75	//
	Sargodha	000	0	3	13	02	97	02	0	912	08	2	2	6	0	0	71	08
	Lyallpur	000	0	0	00	00	97	00	0	907	06	0	0	9	0	0	79	08
Multan	Sahiwal	000	0	0	23	02	96	02	0	966	03	0	0	9	0	0	79	06
	Multan	000	0	0	37	05	97	02	0	906	04	2	0	9	0	0	73	06
	Leiah																	
Bahawalpur	Khanpur	000	0	1	23	05	96	03	0	912	05	0	0	9	0	1	70	05
	Bahawalpur	000	0	0	00	00	96	03	0	926	64	0	0	9	0	0	70	05
	Fort Abbas	000	0	2	03	05	98	30	0	910	06	0	0	9	0	0	79	08
Peshawar	Chakdara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Peshawar	000	0	1	05	05	97	02	0	899	05	1	.	6	—	...	74	06
	Haripur	...	...	...	...	...	—	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Bannu	000	0	1	13	02	99	07	0	896	05	0	0	9	0	0	71	07
	D. I. Khan	000	0	0	00	00	98	00	0	945	07	0	0	9	0	0	76	09
Quetta	Sibi	000	0	3	23	03	97	03	0	974	08	2	0	9	2	2	52	09
	Nokkundi	000	0	0	31	14	95	05	0	895	10	0	0	9	0	0	35	12
Kalat	Turbat	000	0	6	23	03	98	02	0	005	91	3	5	5	3	0	80	95
	Jiwani	000	0	7	23	09	97	03	1	014	86	6	4	6	0	1	75	89
	Pasni	000	0	4	29	21	96	02	0	963	87	4	6	5	0	0	77	88
Karachi Division	Ormara																	
	Lasbela																	
	Karachi (Manora)	000	0	5	27	17	97	03	1	994	87	3	2	4	0	4	79	89
	Karachi (Airport)	000	0	6	25	16	96	01	2	989	88	6	6	4	—	—	77	90
Hyderabad	Nagarparkar	000	0	0	31	25	97	01	0	967	94	0	0	9	0	0	//	96
	Chore	000	0	6	22	24	96	01	9	945	//	4	5	4	6	0	77	97
	Hyderabad	000	0	4	23	16	97	02	0	961	95	0	0	9	0	1	81	99
	Badin	000	0	8	23	15	98	03	0	005	90	8	6	6	0	0	77	92
Khairpur	Padidan	000	0	2	13	05	97	02	0	925	07	0	0	9	0	1	65	09
	Nawabshah	000	0	3	18	09	97	01	0	928	13	0	0	9	0	2	70	04
	Sukkur	000	8	3	16	05	96	01	1	945	01	3	0	9	6	0	//	//
	Kashmore	000	0	0	23	03	98	02	0	973	02	0	0	9	0	0	70	03
	Jacobabad	000	0	0	18	07	97	01	0	913	04	0	0	9	0	0	76	05
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu **																	
	Misgar *																	
	Aliabad *																	
	Gilghit *																	
Rawalpindi	Murree *	000	0	6	27	03	97	02	1	391	75	6	5	5	—	—	66	77
Peshawar	Drosh *	000	0	0	23	09	99	02	0	366	83	0	0	9	0	0	56	//
	Cherat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kakul *	000	0	4	18	03	95	05	1	395	88	4	2	6	0	0	71	90
	Land kotal *	000	0	0	05	05	95	02	0	374	98	0	0	9	0	0	//	05
	Parachinar *	000	0	1	09	02	97	02	0	388	90	1	1	7	0	0	58	97
D.I. Khan	Miranshah *	000	0	0	05	04	99	00	0	375	99	0	0	9	0	0	70	05
	Wana *	000	0	0	00	00	99	00	0	455	97	0	0	9	0	0	75	00
Quetta	Fort Sandeman *	000	0	6	36	02	99	03	0	378	03	0	0	9	3	0	56	04
	Hindubag *	000	0	7	13	03	92	03	0	366	97	7	1	5	0	0	75	00
	Loralai *	000	0	6	13	04	96	02	2	367	95	0	0	9	3	0	83	99
	Barkhan *	000	0	0	23	05	98	03	0	486	89	0	0	9	0	0	57	95
	Harnai *	000	0	0	13	02	96	02	0	383	98	0	0	9	0	0	64	99
	Samungli (Quetta) *	000	0	3	27	05	95	05	0	416	92	3	1	2	0	0	59	95
	Chaman *	000	0	4	27	03	98	02	4	409	04	0	0	9	0	8	41	05
	Nushki *	000	0	0	00	00	99	00	0	410	05	0	0	9	0	0	63	07
	Dalbandin *	000	0	0	27	09	94	05	0	404	04	0	0	9	0	0	66	06
Kalat	Kalat *	000	0	0	27	07	98	00	0	388	88	0	0	9	0	0	21	92
	Khuzdar *	000	0	7	23	05	96	03	2	394	95	5	1	6	3	0	62	99
	Panjgur *																	

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

DIVISIONS	STATIONS	Rainfall in Cents RRR (20)	Past weather W1 (21)	Total cloud amount N (22)	Wind direction dd (23)	Wind speed ff (24)	Horizontal visibility VV (25)	Present weather ww (26)	Past weather W (27)	Sea level pressure PPP (28)	Dry Bulb temperature 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 TdTd (35)	Minimum Temperature TnTn (36)
Chittagong	Rangamati	006	0	5	18	02	98	01	1	061	85	/	/	/	/	/	77	77
	Cox's Bazar																	
	Chittagong	010	9	5	13	18	97	03	6	053	85	2	4	4	4	0	77	77
	Majidee Court	000	9	8	13	09	96	03	2	043	80	4	5	4	1	0	77	79
	Comilla	000	0	3	18	05	96	02	1	046	81	/	/	/	/	/	77	77
	Brahmanbaria	000	0	6	16	05	97	03	1	048	82	3	5	/	2	0	77	79
	Sylhet	172	3	8	00	00	96	95	9	047	77	7	9	4	2	/	75	75
	Srimangal	032	9	7	00	00	96	02	9	048	82	4	4	6	7	2	77	77
Dacca	Mymensingh	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narayanganj	000	0	6	23	02	97	03	8	039	87	5	7	4	3	1	79	80
	Dacca (Tejgaon)	000	0	6	18	05	97	01	2	036	85	4	8	4	4	0	79	80
	Faridpur	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna	000	0	2	00	00	97	01	2	044	90	0	0	9	4	0	79	80
	Satkhira	000	0	2	18	01	96	00	0	001	75	2	4	5	0	0	77	//
	Jessore	000	0	5	13	07	97	02	2	030	87	5	4	4	0	1	79	79
Rajshahi	Pabna	000	0	6	11	05	99	03	1	028	87	6	8	7	0	0	80	80
	Sirajganj	000	0	6	16	03	98	02	2	039	82	6	4	4	4	0	79	80
	Rajshahi	003	9	6	23	03	97	03	6	030	87	6	5	5	/	/	79	80
	Bogra	000	0	6	18	05	96	02	2	038	85	3	8	4	3	/	79	80
	Dinajpur	000	1	8	29	02	96	66	2	034	82	8	7	6	/	/	79	80
	Rangpur	150	8	8	13	02	96	63	6	002	62	8	6	6	/	/	62	79
Kashmir	Jammu																	
Lahore	Lahore (Fall Rd.)	000	0	9	13	02	95	06	1	966	87	4	0	9	2	/	78	66
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	7	8	13	07	97	02	2	970	88	4	5	6	1	/	78	88
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Campbellpur																	
Sargodha	Khushab	000	0	6	09	03	96	03	2	953	92	0	0	9	4	6	68	76
	Sargodha	000	0	7	23	03	95	06	1	956	93	4	0	9	3	/	71	89
	Lyallpur	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan	Sahiwal	000	0	2	18	02	96	02	0	953	91	2	0	9	3	0	75	67
	Multan	000	0	7	18	09	96	05	2	946	88	1	5	6	7	1	75	87
	Leiah																	
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur	000	0	0	23	02	96	00	0	952	88	0	0	9	0	0	74	85
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chakdara	000	0	4	27	07	98	01	2	920	86	4	0	9	3	0	78	85
	Peshawar	000	0	1	36	05	97	01	0	941	92	1	0	9	3	0	79	88
	Haripur	000	3	6	05	91	97	03	2	948	90	6	0	9	7	0	82	87
D. I. Khan	Bannu	000	0	7	00	00	99	03	0	940	90	0	0	/	/	/	79	85
	D. I. Khan	000	2	5	05	02	98	01	1	942	91	0	0	9	0	5	83	86
Quetta	Sibi	000	0	2	23	03	97	03	0	001	92	2	0	9	2	0	36	91
	Nokkundi	000	5	0	31	24	93	07	3	936	98	0	0	9	0	0	45	87
Kalat	Turbat	000	0	6	27	03	97	02	2	002	83	3	5	5	3	0	77	81
	Jiwani	000	0	3	23	03	96	01	1	893	84	3	6	4	/	/	78	82
	Pasni	000	0	7	27	05	97	07	0	994	81	7	6	5	0	0	77	80
Karachi Division	Ormara																	
	Lasbela																	
	Karachi (Manora)	000	0	6	17	21	96	02	2	979	85	3	2	4	0	4	80	83
	Karachi (Airport)	000	0	6	27	21	96	02	2	978	85	6	6	5	0	0	79	82
Hyderabad	Nagarparkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chore	000	0	7	23	19	96	07	1	956	85	7	6	5	0	0	74	83
	Hyderabad	000	0	5	23	17	96	05	2	946	86	0	0	9	0	1	75	84
	Badin	000	0	4	23	14	98	03	0	975	85	4	4	6	0	0	75	62
Khairpur	Padidan	000	4	6	18	02	97	01	9	930	91	3	4	7	2	0	77	84
	Nawabshah	001	.	7	31	02	96	17	9	933	85	3	3	6	2	0	78	82
	Sukkur	000	0	0	31	05	96	02	0	945	87	0	0	9	0	0	77	84
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jacobabad	000	0	3	09	14	96	03	1	934	89	1	0	9	3	0	79	87
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu **																	
	Misgar *																	
	Aliabad *																	
	Gilghit *																	
Rawalpindi	Murree *	000	0	0	27	02	90	49	1	425	70	9	/	/	/	/	67	67
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cherat *	000	0	0	23	03	98	20	1	432	79	0	0	9	0	0	73	78
	Kakul *	000	0	7	00	00	96	03	1	416	80	7	4	6	0	0	75	79
	Land kotal *	000	0	0	36	03	94	07	0	403	87	0	0	9	0	0	74	81
	Parachinar *	000	0	3	00	00	97	03	0	420	79	2	7	6	3	0	65	79
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	392	90	0	0	9	0	0	68	85
	Wana *	000	0	0	00	00	99	00	0	477	86	0	0	9	0	0	87	84
Quetta	Fort Sandeman *	000	0	0	00	00	97	02	0	414	84	0	0	9	0	0	68	79
	Hindubag *	000	0	0	23	03	98	02	.	422	78	0	0	9	0	0	52	68
	Loralai *	000	0	0	00	00	98	00	0	389	79	0	0	9	0	0	69	69
	Barkhan *	000	0	6	18	09	97	02	0	451	78	0	0	9	0	0	78	69
	Harnai *	000	0	0	00	00	93	03	2	411	83	0	0	9	0	0	71	82
	Samungli (Quetta) *	000	0	0	09	03	95	05	4	422	84	0	0	9	0	0	54	78
	Chaman *	000	0	0	00	00	98	00	0	426	88	0	0	9	0	0	46	83
	Nushki *	000	0	0	00	00	98	00	0	402	93	0	0	9	0	0	41	78
	Dalbandin *	000	0	0	23	05	94	05	0	390	88	0	0	9	0	0	51	79
Kalat	Kalat *	000	0	0	18	02	98	00	0	411	77	0	0	9	0	0	35	66
	Khuzdar *	...	—	...	...	—	...	...	...	...	...	—	...	...	...	...	—	...
	Panjgur *																	

Departure from Normal of / Rainfall

DIVISIONS	STATIONS	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1967 to-date (39)	Departure from normal (40)	Since 1st January, 1967 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	32.4	—	43.9	—
	Cox's Bazar						149
	Chittagong	0	0	40.4	+ 2.8	53.5	108
	Majidee Court	+ 1	+ 1	39.4	+ 3.0	61.1	115
	Comilla	+ 3	0	29.4	— 0.8	52.1	94
	Brahmanbaria	—	—	74.5	+ 2.4	27.3	78
	Sylhet	—	—	59.1	—	90.8	—
	Srimangal		+ 1	—	—	—	98
Dacca	Mymensingh	+ 2					91
	Narayanganj	+ 3	+ 1	18.4	— 3.6	38.6	74
	Dacca (Tejgaon)	—	—	19.4	—	39.1	—
	Faridpur	+ 3					71
Khulna	Barisal	+ 4					81
	Khulna	+ 5	+ 2	17.9	— 6.3	30.3	68
	Satkhira	/	/	12.5	— 9.8	22.5	65
	Jessore	—	—	14.3	— 6.4	25.2	65
Rajshahi	Pabna	—	—	20.3	—	30.9	59
	Sirajganj	— 1	+ 1	17.8	— 3.0	37.5	64
	Rajshahi	+ 2	+ 2	—	—	—	—
	Bogra	+ 1	+	29.7	+ 8.0	46.2	69
	Dinajpur	+ 1	+ 1	40.6	— 4.7	34.5	72
	Rangpur	0	0	—		—	84
Kashmir	Jammu						—
Lahore	Lahore (Fall Rd.)	+ 6	+ 7	2.4	— 3.2	6.6	19
	Sialkot						32
Rawalpindi	Jhelum	—	—	3.0	—	9.0	—
	Islamabad	—					—
	Rawalpindi	+ 6					36
	Campbellpur						—
Sargodha	Khushab	/	— 6	0.4	— 3.6	6.9	19
	Sargodha	—	—	—	—	—	—
	Lyallpur	+ 7					12
Multan	Sahiwal	+ 3	+ 4	2.9	+ 0.2	6.7	10
	Multan	+ 4	+ 2	0.3	— 1.3	2.6	7
	Leiah						8
Bahawalpur	Khanpur	+ 1					6
	Bahawalpur	+ 3	+ 2	—	—	—	6
	Fort Abbas	—					5
Peshawar	Chakdara		—	1.5	—	18.5	—
	Peshawar	+ 5	+ 8	0.1	— 1.0	13.5	11
	Haripur			3.7	—	14.4	—
D. I. Khan	Bannu	—	—	—	—	—	11
	D. I. Khan	+ 6	+ 3	2.1	+ 0.	6.1	9
Quetta	Sibi	—	—	0.7	—	5.0	5
	Nokkundi	—	—	0	—	0.9	2
Kalat	Turbat	—	—	0	—	0.3	—
	Jiwani	—	—	0.1	—	1.2	5
	Pasni	— 2	+ 2	1.1	+ 0.5	1.1	6
Karachi Division	Ormara						6
	Lasbela						8
	Karachi (Manora)	+ 3	+ 2	—	—	—	8
	Karachi (Airport)	—	—	4.3	—	10.4	—
Hyderabad	Nagarparkar	—					—
	Chore	—	—	1.1	—	1.1	7
	Hyderabad	+ 1	+ 3	1.7	— 0.8	3.7	8
	Badin	— 1	+ 1	0.7	— 2.7	2.4	
Khairpur	Padidan	—	—	1.1	—	2.9	—
	Nawabshah	—	—	1.1	—	2.1	—
	Sukkur	—	—	0.1	—	0.8	4
	Kashmore	—					—
	Jacobabad	— 2	+ 3	0	— 1.0	1.5	4
Junagadh	Veraval						20
	HILL STATIONS						
Kashmir	Srinagar *						20
	Gulmarg **						71
	Sonamarg **						28
	Dras **						3
	Leh **						6
	Skardu **						—
	Misgar *						—
	Aliabad *						5
	Gilghit *						
Rawalpindi	Murree *	+ 4	+ 9	6.1	— 6.7	33.4	59
Peshawar	Drosh *	—					18
	Cherat *		+ 7	4.5	+ 0.3	17.9	29
	Kakul *	—	—	8.7	—	30.3	—
	Land kotal *		—	0.7	—	18.6	—
	Parachinar *	+ 11	+ 13	5.2	—	20.9	29
D.I. Khan	Miranshah *	—	—	—	—	—	13
	Wana *	—	—	0.9	—	5.8	11
Quetta	Fort Sandeman *	+ 7	+ 5	1.0	— 1.1	11.6	11
	Hindubag *	—	—	0	—	5.8	—
	Loralai *	—	—	0.3	—	5.1	9
	Barkhan *	—	—	2.0	—	3.0	—
	Harnai *	—	—	2.0	— 0.7	10.7	14
	Samungli (Quetta) *	—	—	0	— 0.5	7.5	9
	Chaman *	+ 4	+ 8	0	— 0.1	4.2	8
	Nushki *	—	—	0	—	3.8	—
	Dalbandin *	— 3	+ 3	0	— 0.1	1.8	4
Kalat	Kalat *	+ 1	+ 4	0	— 0.7	6.3	7
	Khuzdar *	—					—
	Panjgur *						5

† 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; is rainfall since 0000 hrs, G.M.T. of the same day

Whenever given for RRR see the summary above is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 23rd JULY, 1967.

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 $N_sCh_sh_s$	0 $_sT_sT_s$ T_dT	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
BAY OF BENGAL										
Jopondok	73 043	075 00	2 21 13	95 01 1	084 28	11 5 01	65 5 04	// / //	05 0 22	12 1 22
Siramaru	73 022	050 12	7 10 08	97 02 2	070 26	68 4 10	56 4 00	// / //	05 4 22	11 8 21
Kirishimamaru	73 169	688 18	8 28 17	98 81 1	095 27	76 7 //	36 2 15	// / //	00 0 15	12 7 /1
R /adhimaru	73 039	897 18	4 21 19	98 01 2	103 28	11 4 31	65 2 16	// / //	05 3 25	12 1 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isoboric Levels: Surface PPPTTTT_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 HHH TTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra —														
Chittagong ...	00 00	000 252 242	...	...	140 258 999	...	313 160 999	...	587 013 999	787 545 999	989 660	280 820	...	
Dacca ...	00 00	002 280 260	037 280 999	...	146 185 999	...	307 125 999	...	580 520 999	755 608 999	969 785	248 980	433 095	690 220
Jiwani ...														
Karachi ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	00 00	971 325 268	...	...	143 250 210	...	308 135 115	...	583 520 999	758 595 999	975 685	...	...	...
Multan ...	00 00	979 312 232	...	...	135 015 405	...	307 185 132	...	588 032 999	766 548 999	987 672	...	...	...
Peshawar ...	00 00	954 352 275	...	...	140 292 999	...	309 288 999	...	586 032 999	765 565 999	995 685	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT T_dT_d									Max Height Reached PPPTTT T_dT_d	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 260 ///	800 230 ///	600 110 ///	350 600 ///	250 750 ///	...	...	...	...	200 830 ///	...	—
Dacca —	00 00	900 210 ///	800 160 ///	600 030 ///	350 690 ///	250 870 ///	...	...	...	—	100 220 ///	...	...
Jiwani ...													
Karachi ...	00 00	MISDA	...	...	...	...							
Lahore ...	00 00	900 280 230	800 222 188	600 070 999	350 642 999	...	...	...	...	...	300 685 ///	...	...
Multan ...	00 00	900 302 212	800 270 260	600 140 ///	350 511 ///	250 720 ///	...	—	...	...	250 720 ///	...	...
Peshawar ...	00 00	900 330 ///	600 110 ///	350 620 ///	280 710 ///	...	...	...	...	...	280 710 ///	...	...
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

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	09 12	13 10	16 10	21 13	22 10	23 05	...	...	...
Chaklala	...	08 02	15 02	18 05	25 07	36 05	02 14	11 07	03 05
Chhor	23 35	13 27	24 23	25 14	—	...	...	...	...
Chittgong	18 13	19 13	22 07	...	...	...	...	...	...
Cox's Bazar	19 09	16 09	18 09	21 12	21 11	21 12	...	...	...
Dacca	18 06	20 08	20 13	21 11	21 10	23 06	...	...	...
Dalbandin	...	...	25 11	23 18	26 17	35 17	01 15	36 12	35 17
D. I. Khan	...	...	...	...	...	...	...	...	...
Drosh	...	...	—	...	20 09	23 07	29 24	24 23	24 25
Fort Sandeman	...	...	...	03 05	03 10	02 09	02 30	35 27	36 34
Jacobabad	19 10	19 12	23 07	35 07	01 06	36 12	36 19	03 15	31 26
Jessore	19 12	20 15	19 19	// //	19 18	...	...	...	...
Jhelum	13 07	// //	15 07	27 08	33 07	31 04	13 10	06 05	10 02
Jiwani	21 15	21 15	22 12	...	...	...	—	...	...
Karachi	26 26	27 29	27 24	...	...	...	...	...	...
Khanpur	22 10	23 12	23 08	26 06	36 03	35 14	35 17	02 23	03 39
Lahore	11 09	12 08	14 04	22 06	27 06	29 12	...	...	...
Multan	20 10	20 11	21 06	25 06	25 04	32 04	33 23	36 15	...
Nawab Shah	21 16	22 12	24 14	30 09	33 05	01 12	08 09	03 15	05 18
Panjgur	...	...	...	...	...	...	...	...	...
Peshawar	...	05 08	11 05	18 10	26 10	34 13	01 11	01 15	35 11
Samungli	...	...	...	...	29 06	29 14	32 17	34 15	02 13
Sargodha	11 03	10 03	12 13	12 03	28 03	31 09	33 13	36 14	20 10
Sylhet	34 02	31 04	25 12	...	...	...	...	...	...
Vravale	...	...	...	—	...	—	...	...	—

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	20 17	20 18	20 17	19 12	19 11	19 07
Chaklala	...	10 11	17 17	12 16	25 06	...
Chhor	21 22	23 28	...	...	...	...
Chittgong	17 21	18 24	18 28	25 01	25 16	22 09
Cox's Bazar	17 18	17 15	19 14	20 12	20 07	26 02
Dacca	19 13	19 14	20 13	20 09	19 07	31 03
Dalbandin	—	...	23 05	26 09	27 13	29 20
D. I. Khan	...	...	...	...	...	...
Drosh	...	...	...	04 09	...	...
Fort Sandeman	...	...	...	17 04	10 06	17 06
Jacobabad	16 09	20 10	21 26	19 15	27 10	33 31
Jessore	19 12	19 17	19 18	24 06	17 11	18 07
Jhelum	10 12	11 18	12 13	...	30 06	...
Jiwani	...	...	...	...	...	...
Karachi	25 30	25 30	...	24 04	...	...
Khanpur	...	...	...	27 14	...	31 08
Lahore	13 09	21 03	19 13	35 04	29 17	34 18
Multan	18 17	20 25	21 28	...	31 14	02 15
Nawab Shah	35 15	25 06	19 05	25 05	26 10	...
Panjgur	...	...	...	...	...	03 06
Peshawar	...	01 02	30 02	...	32 07	...
Samungli	...	...	...	...	...	...
Sargodha	No	Ascent	...	...	...	...
Sylhet	...	...	...	...	...	...
Vravale	...	...	...	...	...	...

At 0600 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	5.4	5.4	6.0	7.?	9.9
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	17 04	19 05	18 08	...	...	...	...	...	...	...	...
Chaklala	...	13 08	13 14	13 15	10 10	31 11	04 05	17 07	...	...	...
Chhor	23 36	23 21	24 18	...	...	...	...	...	...	...	...
Chittgong	18 08	13 12	19 15	19 18	...	...	...	...	...	...	...
Cox's Bazar	16 15	16 15	16 13	18 15	19 03	19 17	20 13	21 12	33 12	21 12	15 13
Dacca	15 12	16 11	17 10	19 08	18 11	...	...	...	...	...	...
Dalbandin	...	...	25 15	26 06	28 06	...	...	...	...	...	...
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	01 02	04 02	...	...	...	...	...	...
Jacobabad	14 10	16 03	12 08	12 07	07 05	01 17	02 35	04 19	04 10	04 15	05 34
Jessore	15 08	15 09	15 10	...	...	...	...	...	...	—	—
Jhelum	13 12	12 16	13 21	14 14	20 12	35 07	...	...	...	...	...
Jiwani	35 13	26 14	27 15	...	...	...	...	...	...	...	...
Karachi	28 23	22 31	28 27	28 31	...	...	...	...	...	...	...
Khanpur	16 07	16 04	12 06	06 09	04 11	03 16	04 23	07 15	09 14	...	...
Lahore	11 17	15 17	19 04	29 03	...	...	...	...	...	...	...
Multan	17 15	17 07	15 10	14 18	14 20	12 15	09 15	...	...	...	...
Nawab Shah	03 08	01 11	04 11	36 08	36 09	20 18	—	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	—	...
Peshawar	...	12 02	28 01	16 02	27 09	30 17	20 09	03 06	05 04	15 07	...
Samungli	...	...	...	...	33 06	01 13	13 05	03 12	03 27	05 19	05 22
Sargodha	05 01	35 01	34 04	32 08	...	...	...	...	...	...	...
Sylhet	...	...	...	...	...	...	...	...	...	...	...
Vravale	...	...	...	...	...	...	...	...	...	...	...

* The actual time of observation may vary within half an hours 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 ...	...	35 12	33 07	32 04	23 05	16 02	13 04	30 10	27 10	31 15	33 22	...	...	...	...	...	...	...
Quetta ...																		

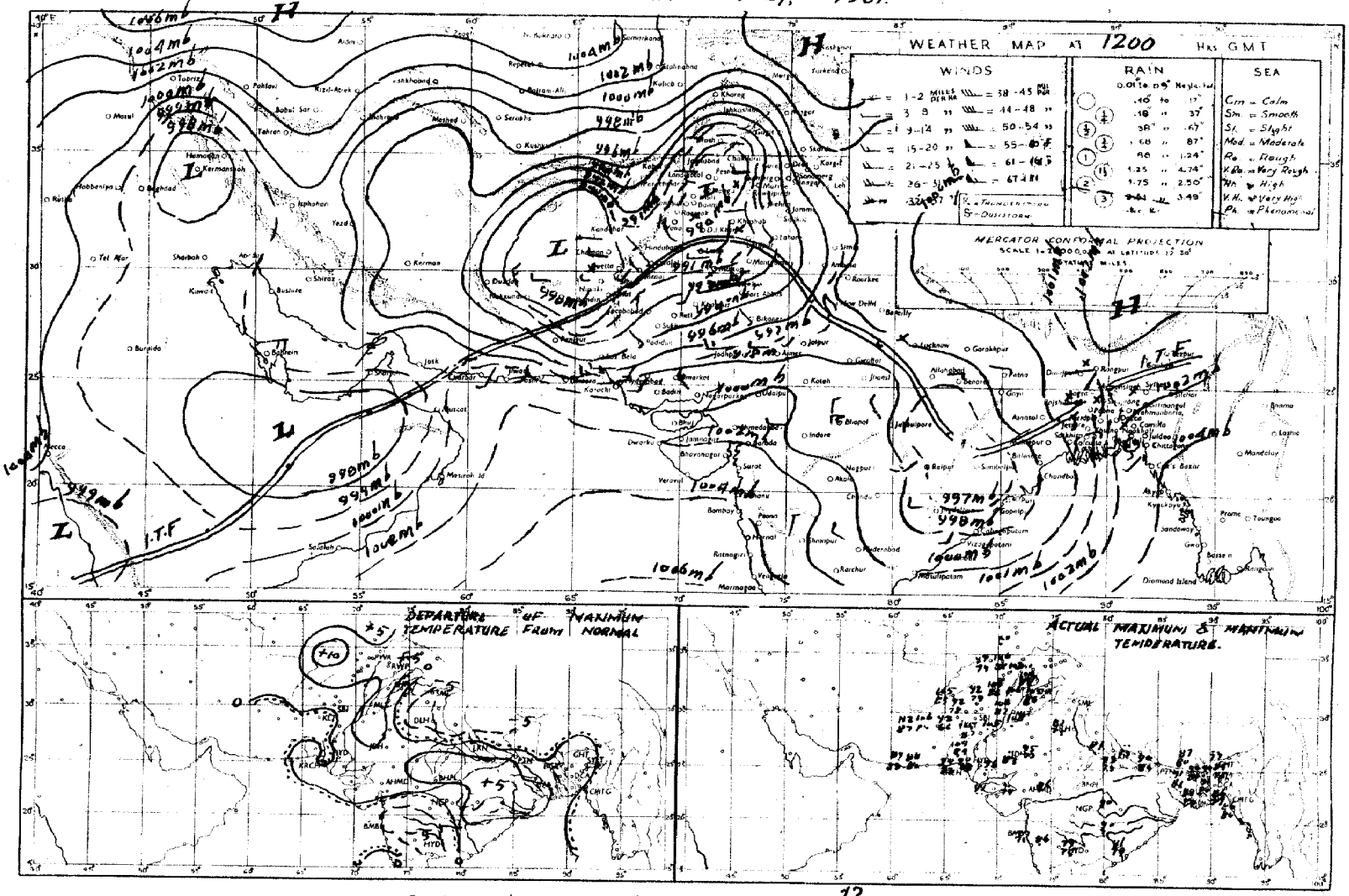
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr 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—II

PAKISTAN DAILY WEATHER MAP

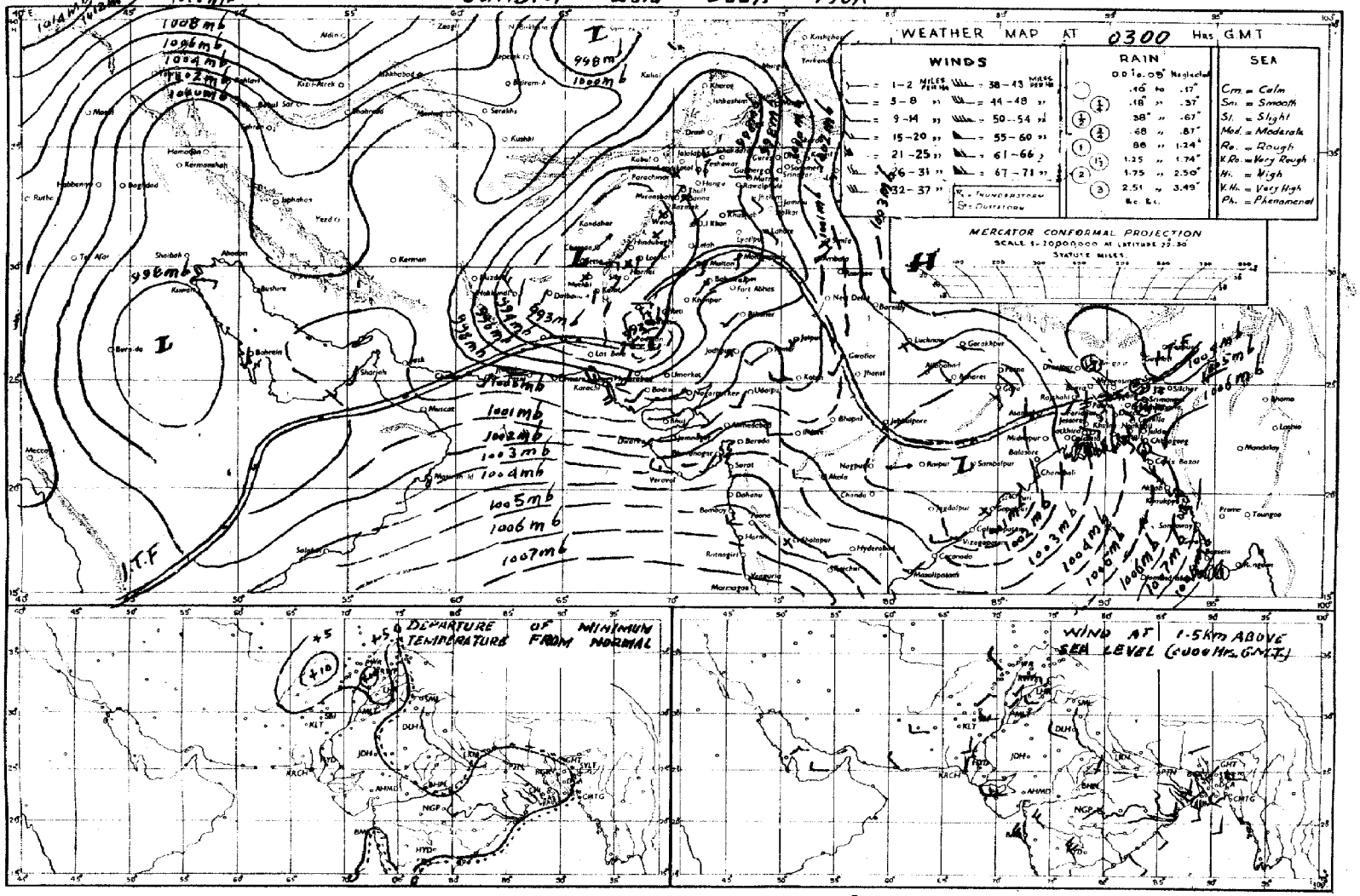
Saturday 22nd Dec, 1967.



Rainfall amounts indicated in the above chart refer to past 12 hours

PAKISTAN DAILY WEATHER MAP

SUNDAY 23rd JULY. 1967.



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

Pgees 1—2 Rs. 3/-
Pepes 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

MONDAY THE 24th JULY, 1967.

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

Yesterday's western disturbance is moving away across north of Peshawar division. An easterly low pressure area lies over Khairpur division and adjoining west Rajasthan.

The axis of monsoon trough has shifted further southwards and now runs across Khairpur division, Madhya Pradesh and northwest Bay of Bengal.

Monsoon has penetrated into West Pakistan and has caused fairly widespread rain/thundershowers in Sargodha division; local in Rawalpindi and Peshawar divisions; scattered in Quetta and Kalat divisions and a few falls of light rain or thundershowers in Lahore, Multan, D.I. Khan, Karachi and Khairpur divisions.

Another easterly low pressure area lies over Orissa and East Madhya Pradesh. Rain/thundershowers have been fairly widespread in Chittagong division, local in Rajshahi division and scattered elsewhere in East Pakistan.

Chief amounts of rainfall are: Cox's Bazar (upto 24,0000Z) 4", Murree and Khushab 3" each, Srimangal 1", Barisal, Pabna and Kakul 3/4" each and Chittagong, Sylhet, Sargodha, Chakdara, Cherat, Fortsandeman and Harnai 1/2" each.

Day temperatures were 3—6°F (2—3 °C) above normal in Peshawar, Sargodha and Quetta division and in East Pakistan.

Forecast valid until the evening of 25th July, 1967:- Rain/thundershowers will be fairly widespread in Karachi Hyderabad, Khairpur, Lahore, Rawalpindi and Peshawar divisions and local in Kashmir and elsewhere in the country.

Karachi-11
The 24th July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meteorological Services.

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

Divisions (1)	Stations (2)	Rainfall in Code 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 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 TdTd (18)	Maximum temperature TxTx (19)
Chittagong	Rangamati	009	1	4	18	05	98	01	6	034	81	4	8	6	0	0	77	92
	Cox's Bazar																	
	Chittagong	000	0	7	18	10	97	02	2	020	85	5	3	5	2	1	77	90
	Majidee Court	000	9	6	23	12	96	03	2	006	85	3	1	5	3	0	77	86
	Comilla	000	0	4	18	05	96	02	1	008	85	4	4	5	0	0	77	88
	Brahmanbaria	000	0	6	18	02	97	03	1	011	86	3	4	5	0	7	77	88
	Sylhet	007	2	7	12	05	96	02	6	310	82	6	9	4	2	0	79	85
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
Dacca	Mymensingh	000	0	5	90	00	96	02	2	003	82	5	4	6	0	0	82	90
	Narayanganj	000	0	8	27	02	96	03	2	003	88	5	7	4	3	1	79	92
	Dacca (Tejgaon)	003	0	6	18	05	97	02	2	003	85	2	3	5	4	0	77	90
	Faridpur	010	3	6	16	02	96	02	6	010	86	5	4	5	1	0	79	90
Khulna	Barisal	...	...	...	...	...	...	...	...						—	—		...
	Khulna	000	0	2	18	05	97	01	1	998	85	0	0	7	4	0	77	92
	Satkhira	000	0	4	18	01	96	00	0	007	76	2	4	0	0	0	76	//
	Jessore																	
Rajshahi	Pabna	083	4	6	13	09	98	01	6	999	85	4	8	6	0	0	81	94
	Sirajganj	000	0	4	00	00	98	02	1	000	85	1	1	6	0	1	79	90
	Rajshahi	000	0	6	13	03	97	02	2	992	86	5	7	4	2	/	81	92
	Bogra	000	0	7	09	05	96	02	2	999	84	5	4	4	2	0	79	90
	Dinajpur	015	7	5	09	02	96	01	6	991	88	3	1	6	3	/	81	88
	Rangpur	028	8	6	18	02	96	01	6	939	85	6	0	9	2	0	81	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	003	7	8	07	05	96	02	6	973	82	3	5	5	2	0	78	90
	Sialkot	002	0	8	30	11	96	00	0	977	79	0	0	9	0	0	//	//
Rawalpindi	Jhelum	000	2	8	13	12	96	02	6	975	83	4	5	6	1	/	76	92
	Islamabad	000	0	7	13	10	96	03	2	//	86	7	5	3	0	0	75	93
	Rawalpindi	000	3	8	13	03	98	02	2	956	88	8	4	7	0	0	75	96
	Campbellpur																	
Sargodha	Khushab	000	0	7	09	10	96	02	2	949	89	4	4	7	3	0	85	03
	Sargodha	000	3	8	05	16	96	95	9	964	84	5	9	6	2	1	78	00
	Lyallpur	000	0	5	05	03	96	02	0	946	97	5	4	8	0	0	82	04
Multan	Sahiwal	000	0	5	00	00	96	03	1	937	00	5	0	9	3	0	73	02
	Multan	000	0	6	18	03	97	02	2	923	02	3	0	9	7	2	69	03
	Leiah	000	0	2	36	01	98	01	0	000	00	0	0	9	0	2	00	08
Bahawalpur	Khanpur	000	0	4	23	02	96	02	0	915	05	4	0	9	7	0	66	05
	Bahawalpur	000	0	0	00	00	96	00	0	938	05	0	0	9	0	0	68	05
	Fort Abbas	000	0	0	00	00	98	00	0	931	00	0	0	9	0	0	79	02
Peshawar	Chakdara	000	0	4	27	07	97	02	0	859	95	4	3	7	0	0	79	95
	Peshawar	006	1	6	13	10	96	17	1	916	87	5	3	6	3	0	77	05
	Haripur	000	4	5	31	03	97	03	2	908	01	5	0	9	3	0	65	06
D. I. Khan	Bannu	000	0	9	09	02	97	03	0	912	96	0	0	9	/	/	75	04
	D. I. Khan	000	3	7	00	00	97	02	2	929	98	0	0	9	7	7	60	99
Quetta	Sibi	000	0	2	23	03	97	03	1	942	08	0	2	9	2	2	38	09
	Nokkundi	000	0	9	31	26	97	07	0	869	08	9	1	0	1	1	37	09
Kalat	Turbat	000	0	2	35	03	98	02	0	947	98	2	5	5	5	0	82	99
	Jiwani	000	0	5	23	12	96	01	2	954	87	5	6	4	0	0	79	90
	Pasni	000	0	6	23	23	97	01	1	958	85	0	0	9	0	2	76	87
Karachi Division	Ormara																	
	Lasbela																	
	Karachi (Manora)	000	0	8	27	10	97	02	2	954	85	6	9	9	9	1	81	86
	Karachi (Airport)	000	0	8	27	19	96	03	2	960	85	4	6	5	2	1	80	87
Hyderabad	Nagarparkar	000	0	8	31	13	97	03	1	994	92	4	5	7	0	0	//	95
	Chore	000	0	7	23	21	96	07	2	944	93	7	0	5	0	0	75	97
	Hyderabad	000	0	6	23	14	96	06	2	935	93	0	0	9	0	7	74	97
	Badin	000	0	6	23	10	98	02	0	968	90	6	6	6	0	0	75	93
Khairpur	Padidan	000	0	2	18	05	97	01	9	906	04	2	4	7	0	0	74	07
	Nawabshah	000	9	5	18	05	96	01	2	918	//	2	0	9	0	8	77	02
	Sukkur	000	0	0	36	03	96	02	0	929	07	0	0	9	0	0	75	08
	Kashmore	000	0	0	05	03	98	02	2	965	04	0	0	9	0	0	72	05
	Jacobabad	000	0	0	29	05	97	03	0	910	05	0	0	9	0	1	77	06
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu **																	
	Misgar *																	
	Aliabad *																	
	Gilghit *																	
Rawalpindi	Murree *	215	3	9	13	03	96	61	9	418	66	9	/	0	/	/	//	72
Peshawar	Drosh *	000	0	1	25	17	99	02	0	336	81	1	1	7	0	0	58	05
	Cherat *	000	0	3	36	12	98	01	0	386	79	3	4	7	0	0	66	91
	Kakul *	000	3	7	08	19	//	//	1	307	80	7	9	5	0	0	73	88
	Landikota *	000	0	0	05	05	95	02	0	373	96	0	0	9	0	0	72	00
	Parachinar *	000	0	7	13	07	97	17	2	408	82	5	9	6	2	0	66	92
D.I. Khan	Miranshah *	000	0	6	05	09	98	03	2	364	00	6	0	9	0	0	45	04
	Wana *	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	006	0	8	09	25	98	98	9	402	01	8	3	5	0	0	45	03
	Hindubag *	000	0	7	13	03	92	03	0	362	98	7	1	5	0	0	67	99
	Loralai *	023	4	8	13	04	96	02	6	389	80	8	3	8	0	0	65	96
	Barkhan *	000	0	0	23	05	98	03	0	486	89	0	0	9	0	0	57	95
	Harnai *	045	2	6	00	00	95	60	6	369	79	0	4	6	4	0	69	03
	Samungli (Quetta) *	000	0	7	13	19	96	07	0	360	96	5	9	6	0	2	55	03
	Chaman *	000	0	0	00	00	98	00	0	365	06	0	0	9	0	0	42	06
	Nushki *	000	0	0	00	00	98	00	0	410	05	0	0	9	0	0	63	08
	Dalbandin *	000	6	0	23	03	93	05	4	378	09	0	0	9	0	0	63	11
Kalat	Kalat *	000	0	6	27	09	98	02	0	375	88	6	6	9	0	0	21	95
	Khuzdar *																	
	Panjgur *																	

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

Divisions (1)	Stations (2)	Rainfall in Code 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 PPP (28)	Dry Bulb temperature 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 TdTd (35)	Minimum Temperature TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1967 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January 1967 to-date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	009	0	6	18	09	98	02	/	030	88	4	3	6	7	1	77	77	—	—	33.5	—	46.0	—
	Cox's Bazar																							140
	Chittagong	044	9	5	13	16	97	03	6	031	81	5	4	4	4	1	84	77	+ 4	0	40,8	+ 2,4	53.9	108
	Majidee Court	...	...	...	...	...	...	...	...	...	...	...	...			...		...	0					115
	Comilla	010	9	2	08	05	96	02	6	918	84	2	4	7	0	0	77	77	+ 1	0	29.5	— 1.3	52.2	94
	Brahmanbaria	000	0	4	18	05	97	03	1	0 6	84	4	4	5	0	0	77	81	—	—	24,5	+ 2,1	27.3	78
	Sylhet	041	9	7	09	03	97	17	2	014	81	6	9	4	2	0	77	76	—	—	59.5	—	91,2	—
	Srimangal	106	9	3	00	00	96	01	9	016	84	0	0	9	2	2	77	77		+ 1	—	—	—	98
Dacca	Mymensingh	008	0	4	00	00	97	11	2	016	84	4	5	6	0	0	79	81	+ 2	+ 3	—	—	—	91
	Narayanganj	000	0	8	13	02	97	03	5	009	82	8	7	4	/	/	77	81	+ 4	+ 2	18,6	— 4.0	39 6	74
	Dacca (Tejgaon)	007	4	5	18	05	98	01	6	005	84	4	8	4	3	1	79	81	—	—	19,5	—	39,1	—
	Faridpur	0·5	3	7	16	02	97	02	6	036	86	5	4	5	1	0	81	79	+ 2	0	—	—	—	71
Khulna	Barisal	070	0	6	16	02	96	02	2	040	88	6	6	6	0	0	77	74		— 5	—	—	—	81
	Khulna	000	0	2	00	02	97	01	1	012	86	0	0	7	4	0	79	81	+ 4	+ 3	17,9	— 5,8	30,3	68
	Satkhira	...	...	...	...	...	...	...	...	...	...						...	...	—					65
	Jessore																							65
Rajshahi	Pabna	063	0	6	18	05	98	03	1	004	89	6	2	7	0	0	81	79	—	—	21.2	—	31,8	59
	Sirajganj	000	0	6	18	03	98	02	2	006	84	6	4	4	0	0	79	81	+ 2	+ 2	17,8	— 3,3	37,5	64
	Rajshahi	001	9	7	13	02	97	03	6	007	85	7	5	4	/	/	77	81	+ 3	+ 3	—	—	—	—
	Bogra	012	3	6	13	03	96	01	6	009	82	3	5	4	7	/	79	81	+ 1	+ 2	29,8	+ 7,7	46,3	69
	Dinajpur	015	3	5	09	02	96	01	1	007	84	5	0	9	2	/	79	81	— 2	+ 2	20,8	— 5,0	34.7	72
	Rangpur	028	0	5	13	02	96	03	1	999	84	3	5	6	3	0	81	79	— 2	0	—	—	—	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	005	0	7	13	03	96	02	2	981	83	5	4	5	3	0	77	79	— 9	0	2.4	— 3,4	6,7	—
	Sialkot	002	0	8	00	00	96	02	0	979	81	8	5	6	0	0	76	72	—	— 7	—	—	—	19
Rawalpindi	Jhelum	005	8	8	13	02	98	02	6	981	83	3	5	7	1	0	76	79	—	—	3,1	—	9,1	32
	Islamabad	...		...					...									...	—					—
	Rawalpindi	034	6	8	03	02	98	02	6	987	77	8	5	6	0	0	74	76	— 1	— 1	0,9	— 7,3	6,0	—
	Campbellpur																							34
Sargodha	Khushab	267	9	8	09	03	96	29	0	970	78	5	5	9	4	3	75	75	+ 1	— 7	3,1	— 1.1	9,5	—
	Sargodha	045	9	6	05	05	96	61	9	982	78	4	7	3	2	/	78	77	—	—	—	—	—	19
	Lyallpur	000	0	4	34	03	95	50	9	///	//	4	3	8	0	0	77	81	+ 3	— 1	0,1	— 3,4	4,4	12
Multan	Sahiwal	000	0	6	18	02	96	02	2	965	85	5	5	6	3	0	76	83	— 1	— 1	2,9	+ 0,1	6,7	10
	Multan	000	0	7	00	00	90	22	0	948	91	2	5	6	7	0	57	87	+ 1	+ 2	0:3	— 1,5	2,6	7
	Leiah	...	...			...		...	...		...	...	...	...	...	...		...	—					8
Bahawalpur	Khanpur	000	0	7	23	02	96	03	2	938	90	7	0	9	7	0	79	85	+ 1	+ 2	0	— 1,9	1.6	4
	Bahawalpur	000	6	5	00	00	95	00	5	964	90	0	0	9	2	0	76	86	+ 3	+ 3	0.3	— 1,6	1.9	6
	Fort Abbas	...	...	...	...			...			...	...						...	—					8
Peshawar	Chakdara	049	0	8	00	00	96	61	6	951	73	8	5	6	/	/	71	72	—	—	2.0	—	19.0	—
	Peshawar	007	9	7	05	03	97	02	9	972	91	4	5	6	7	0	76	79	+ 4	— 1	0,2	— 1,0	13.5	11
	Haripur	020	9	8	18	05	96	60	6	930	78	8	7	5	0	0	75	77	—	—	3,9	—	14.6	—
D. I. Khan	Bannu	000	0	8	30	01	98	02	0	984	90	0	0	9	/	/	71	75	—	—	0	—	3.0	11
	D. I. Khan	000	3	8	05	04	97	02	5	976	79	8	8	7	0	0	74	78	— 4	— 5	2,1	— 0,1	6.1	9
Quetta	Sibi	040	0	2	23	03	99	03	0	001	92	0	2	9	2	0	36	91	—	—	0.7	—	5,0	5
	Nokkundi	003	0	8	31	21	94	07	0	931	85	0	0	9	0	0	41	83	—	—	0	—	0,9	2
Kalat	Turbat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Jiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					5
	Pasni	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 5					6
Karachi Division	Ormara																							6
	Lasbela																							8
	Karachi (Manora)	..																	0					8
	Karachi (Airport)	000	2	8	27	07	95	95	5	947	83	6	6	4	2	1	80	80	—	—	4,3	—	10,4	—
Hyderabad	Nagarparkar	...	...	...	...	...	...	...	...	...	...	...	...				...	...	—					—
	Chore	...	...	...				...	...								...	...	—					7
	Hyderabad	900	0	7	25	07	97	01	2	939	86	5	0	9	3	1	76	83	— 1	+ 2	1,7	— 0,9	3,7	9
	Badin	000	0	6	23	10	98	02	0	968	85	6	4	6	0	0	75	62	0	+ 1	0,7	— 2 9	2,4	
Khairpur	Padidan	000	0	5	13	03	96	03	1	931	87	5	4	7	0	0	77	85	—	—	1,1	—	2,9	—
	Nawabshah	000	0	6	09	02	96	03	2	933	87	0	0	9	0	5	81	83	—	—	1,1	—	2,1	—
	Sukkur	000	0	0	13	05	97	02	0	935	90	0	0	9	0	0	77	85	—	—	0,1	—	0,8	4
	Kashmore	000	0	6	00	00	98	03	2	994	89	0	0	6	9	0	75	85	—	—	—	—	—	—
	Jacobabad	000	0	3	09	09	96	03	0	935	01	3	0	9	3	1	82	89	— 1	+ 5	0	— 1,0	1,5	4
Junagadh	Veraval																							
	HILL STATIONS																							
Kashmir	Srinagar *																							30
	Gulmarg **																							34
	Sonamarg **																							—
	Dras **																							71
	Leh **																							26
	Skardu **																							3
	Misgar *																							6
	Aliabad *																							—
	Gilghit *																							—
Rawalpindi	Murree *	298	9	9	13	05	90	61	9	422	62	9	/	0	/	/	61	60	— 1	+ 2	9,0	— 4,2	36,4	5
Peshawar	Drosh *	...		...	...		...			...	...	...		...	...	...	...	...	— 2					59
	Cherat *	046	3	8	36	03	92	55	6	420	69	8	6	1	0	0	69	68	+ 2	+ 3	5 0	+ 0,7	18,4	18
	Kakul *	074	9	6	23	05	95	51	9	419	71	9	7	3	/	/	69	68	—	—	9,5	–	31,1	29
	Landikota *	000	0	6	36	03	97	03	0	357	75	0	0	9	3	0	73	74	—	—	0,7	—	18,6	—
	Parachinar *	c08	1	5	13	08	96	05	9	415	70	3	5	6	2	0	69	69	+ 6	+ 3	5.3	—	20,9	—
D.I. Khan	Miranshah *	000	0	8	05	09	98	03	2	385	78	8	2	8	0	0	72	80	—	—	0.6	— 1.4	2,7	29
	Wana *	000	0	9	00	00	97	05	0	438	77	9	9	8	9	9	76	77		—	0,9	—	5.8	13
Quetta	Fort Sandeman *	041	9	2	00	00	96	01	9	404	76	0	0	8	0	9	67	72	+ 6	— 2	1,4	— 0.8	12,0	11
	Hindubag *	000	0	0	00	00	98	02	0	415	76	0	0	9	0	0	64	70	—	—	0	—	5,8	11
	Loralai *	023	0	6	00	00	96	02	1	390	73	0	0	9	3	0	70	65	—	—	0,5	—	5.3	—
	Barkhan *	000	0	0	23	05	98	03	0	486	89	0	0	9	0	0	57	//	—	—	2 0	—	2,0	9
	Harnai *	045	0	6	00	00	95	03	2	363	82	0	4	6	4	0	73	78	—	—	2,4	— 0.3	1,2	—
	Samungli (Quetta) *	000	0	0	13	02	96	05	0	387	81	0	0	9	0	0	65	76	—	—	0	— 0,5	7,5	14
	Chaman *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	+ 5					9
	Nushki *	000	0	3	31	02	98	00	0	382	95	0	0	9	0	0	50	85	—	—	0	—	3.8	8
	Dalbandin *	000	0	1	23	05	92	05	4	383	91	1	1	9	1	1	58	88	+ 2	+ 12	0	— 0,1	1,8	—
Kalat	Kalat *	037	0	0	00	00	98	00	0	402	74	0	0	9	0	0	46	65	+ 4	+ 3	0.4	— 0,3	6,7	4
	Khuzdar *																							7
	Panjgur *																							— 5

† 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. is rainfall since 0000 hrs, G.M.T. of the same day

Whenever given for RRR see the summary above is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 24th JULY, 1967.

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 $N_sCh_sh_s$	$O_sT T_sT_dT$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
BAY OF BENGAL										
Venarssa	13 230	635 00	7 26 20	99 15 9	993 37					
Hampshire	13 208	594 06	6 23 23	98 03 1	030 25		75 7 07	...	01 5 19	12 6 23
Anis Baksh	13 214	686 06	7 27 24	98 02 3	027 29	00 9 20	46 0 08	...	00 1 24	12 3 35
Vanasha	13 236	621 06	4 23 20	97 02 0	095 27	...	...	...	...	...
Anis Baksh	13 205	692 03	7 27 24	98 02 2	047 29	46 3 00	75 8 82	...	05 1 25	13 3 23
Mre Baghe	13 171	717 12	7 32 18	98 15 2	993 26	43 3 27	...	...	...	...
Kohistan	13 179	581 12	7 23 24	97 02 2	029 27	78 4 17	85 7 23	...	00 1 25	12 3 31

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard isobaric Levels: Surface PPPTTT $T_dT_dT_d$	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 $T_dT_dT_d$								HHH TTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...	—													
Chittagong ...	00 00	999 262 242	...	...	142 225 225	...	310 140 140	...	587 000 900	762 582 999	980 712	226 930	455 069	702 215
Dacca ...	00 00	999 282 262		...	141 163 999	...	303 080 999	...	573 568 999	745 648 999	957 788	238 965	424 095	671 230
Jiwani ...														
Karachi ...	00 00	994 282 272	MISDA											
Lahore ...	00 00	960 268 205	...	..	/// /// ///	...	371 165 115	...	583 515 999	—	...	...	...	...
Multan ...	00 00	979 318 235	...	...	138 265 215	...	305 175 165	...	585 010 999	763 554 999	...	...	...	...
Peshawar ...	00 00	955 325 265	...	...	140 310 260	...	312 215 999	...	594 042 999	772 552 999	993 662	...	...	...
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. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26		27	28	29
Bogra ...														
Chittagong ...	00 00	900 245 245	800 205 205	—	...	...	...	...	...	...		702 215 999	...	...
Dacca ...	00 00	...	...	...	—	...	...	...	...	—		424 095 999	...	...
Jiwani ...														
Karachi ...	00 00	MISDA										MISDA		
Lahore ...	00 00	900 268 205	800 219 165	—	...	...	...	...	...	...		583 515 999	...	...
Multan ...	00 03	930 288 228	800 275 215	600 102 102	...	—	...	—	...	—		762 554 999	...	...
Peshawar ...	00 00	800 008 808	...	...	...	...	...	...	...	...		993 662 999	...	...
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
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra	10 17	13 19	14 17	19 07	18 08	21 05		...	...	13 08	14 12	12 13	...	...	...
Chaklala	24 32	13 25	13 36	14 21	20 01	...	...	...	..	...	07 09	12 07	13 13	...	...
Chhor	...	...	...	...	—	...	...	...	...	...	...	...	...	...	...
Chittgong	18 15	18 16	20 15	21 12	...	...	...	...	...	17 28	16 34	15 29	18 12	...	...
Cox's Bazar	18 12	13 13	20 12	21 10	...	...	...	...	...	16 23	16 17	15 15	14 19	14 36	...
Dacca	18 19	18 18	18 19	18 18	19 09	22 08	26 09	...	...	13 26	14 26	...	...	...	...
Dalbandin	...	...	19 05	25 06	—	...	—	—	...	—	...	25 08	23 04	20 03	—
D. I. Khan	...	...	—	...	...	...	...	...	...	...	...	—	...	...	...
Drosh	...	...	—	...	20 20	24 10	27 24	28 26	...	...	...	—	22 05	22 06	16 03
Fort Sandeman	...	...	...	20 24	14 14	04 09	35 15	...	...	...	...	...	28 04	06 06	09 05
Jacobabad	13 06	14 07	12 08	10 06	08 08	02 12	01 10	04 15	04 15	10 14	09 15	27 15	07 12	01 17	35 19
Jessore	...	...	...	...	—	...	...	...	...	13 15	14 11	12 17	13 11	13 11	13 06
Jhelum	12 12	15 15	16 16	19 12	15 11	05 10	...	...	...	13 04	12 10	13 09	...	...	...
Jiwani	32 24	24 19	25 15	...	...	...	...	...	...	...	...	...	...	...	...
Karachi	25 20	25 15	...	...	...	...	—	...	...	27 24	...	...	...	...	...
Khanpur	14 04	14 03	13 02	14 06	14 03	09 10	26 19	...	...	18 07	17 08	14 09	11 09	13 06	...
Lahore	09 14	13 17	12 13	09 02	...	...	...	...	...	12 06	14 15	15 11	15 13	19 12	06 06
Multan	15 10	16 10	15 09	14 10	14 07	05 09	11 07	...	...	20 17	21 17	23 13	14 03	04 06	06 12
Nawab Shah	17 03	01 03	02 08	36 07	36 08	01 18	01 15	03 18	05 14	21 01	32 06	33 06	02 15	01 16	08 10
Panjgur	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...
Peshawar	...	16 39	16 25	12 04	...	...	...	...	...	...	36 50	14 03	—	...	...
Samungli	...	...	...	...	...	...	...	...	...	...	...	...	...	21 06	08 10
Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	25 02	28 05	26 10	24 13	...	...	...	...	...	No	Ascent	...	...	...	...
Vravala	...	...	...	—	—	—	...	...	—	08 06	10 04	13 06	...	...	...

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

* The actual time of observation may vary within half an hours 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 —	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar —	...	...	...	...	...	...	...	...	—	...	...	...	—	...	...	...	...	...
Quetta —																		

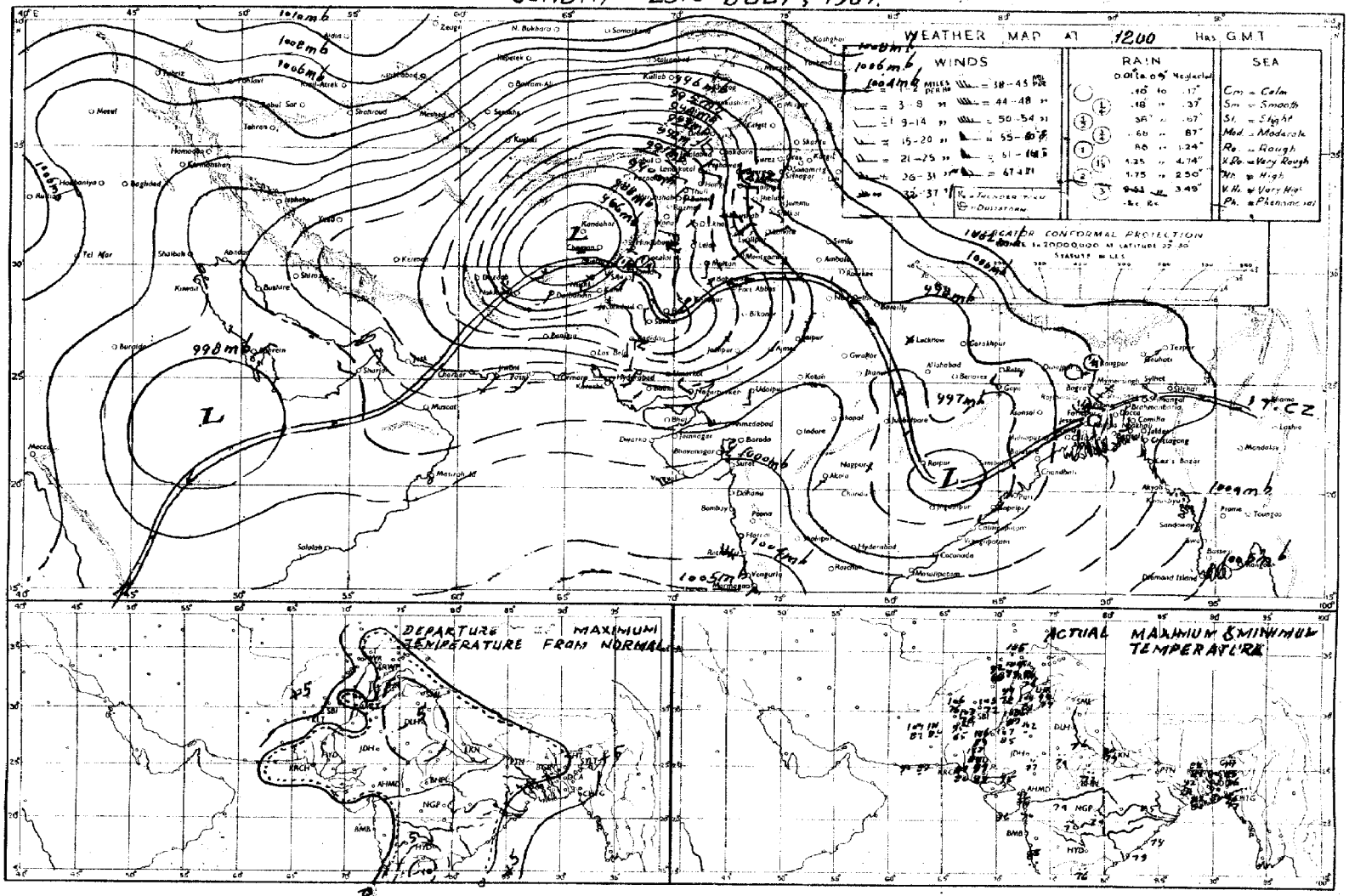
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North throughout East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr 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—8

PAKISTAN DAILY WEATHER MAP

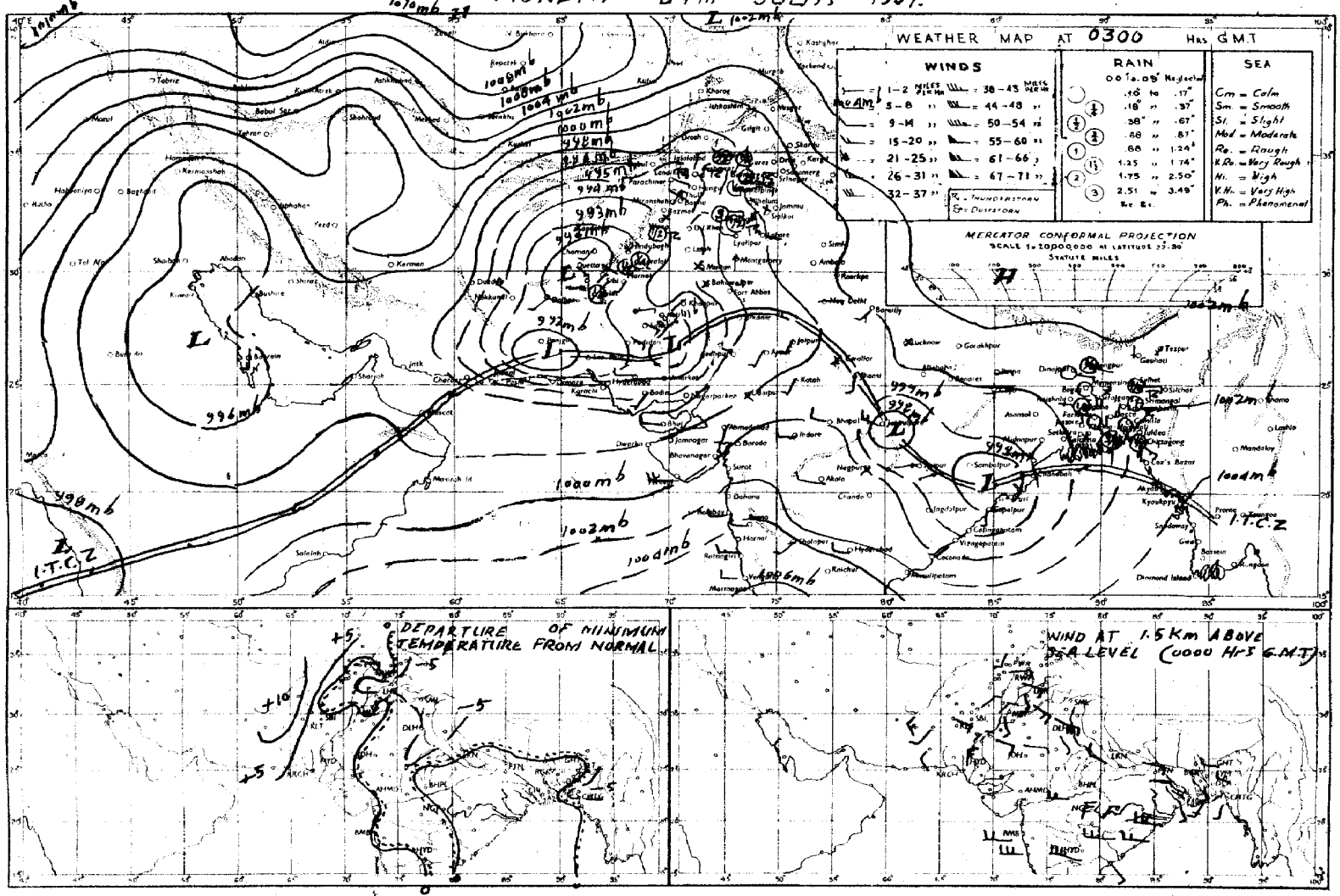
SUNDAY 23rd JULY, 1967.



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

MONDAY 24th JULY, 1967.



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

Pgees 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

TUESDAY THE 25th JULY. 1967.

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

Yesterday's easterly low pressure area over West Rajasthan and adjoining West Pakistan has concentrated into a depression and is centred at 25,0300 G.M.T. about 25 miles southeast of Chhor. It is likely to move in westerly direction. Under its influence fairly widespread rain/thundershowers have occurred in Hyderabad and Khairpur division, local in Karachi, Rawalpindi and Peshawar divisions and scattered in Quetta division. A few falls of light rain/drizzle also fell in Sargodha, Bahawalpur, Lahore and D.I. Khan, divisions.

The low pressure over Orissa and East Madhya Pradesh has weakened, and merged with the monsoon trough. A fresh easterly low pressure area has entered north Bay of Bengal. It has caused fairly widespread rain/thundershowers in Rajshahi division, local in Chittagong division and scattered in Dacca and Khulna divisions.

Chief amounts of rainfall are: Karachi (Airport) 5", Hyderabad 3", Badin 2", Rangamati, Sirajganj, Cherat, Paddidan and Chachro 1⅓" each, Maijdee Court, Satkhira, Kakul and Nawabshah 1" each and Chittagong, Mymensingh, Rajshahi, Dinajpur Murree, Hindu Bagh and Jacababad ½" each.

Day temperatures were 7—14°F (4—8 °C) below normal in Lahore, Rawalpindi, Peshawar, Sargodha, Multan and D.I. Khan divisions and 3—7 °F (2—4 °C) so elsewhere in West Pakistan.

Forecast valid until the evening of 26th July, 1967:- Rain/thundershowers will be fairly widespread in Karachi, Hyderabad, Khairpur divisions local in Khulna, Multan, Peshawar and Rawalpindi divisions and scattered in Kashmir and elsewhere in the country.

Heavy Rainfall Warning:- Locally heavy falls may occur in Karachi and Hyderabad divisions during the next 24 hours.

Karachi-11
The 25th July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meteorological Services.

At 1200 hrs. G.M.T. of previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wa (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots f (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	Rangamati	109	2	7	18	09	95	60	6	006	85	5	7	4	2	/	76	92
	Cox's Bazar	005	1	7	18	10	97	21	5	986	81	5	9	4	3	/	76	85
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Majidee Court	000	9	4	18	37	96	20	2	964	85	4	2	5	0	0	77	86
	Comilla																	
	Brahmanbaria	029	0	4	12	02	97	95	1	982	82	4	4	5	0	0	81	90
	Sylhet	000	0	5	00	00	97	03	1	977	88	4	3	5	3	0	77	90
	Srimangal	030	3	2	00	00	96	01	9	979	85	0	0	9	0	0	77	90
Dacca	Mymensingh																	
	Narayanganj	000	0	4	16	03	96	08	2	971	86	3	7	4	3	2	79	90
	Dacca (Tezgaon)	000	6	5	13	09	98	03	6	969	85	5	3	4	0	0	77	90
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira	097	0	4	00	00	96	00	0	984	//	4	3	5	0	0	61	//
	Jessore	004	6	6	13	05	97	01	9	963	82	3	3	6	7	8	76	90
Rajshahi	Pubna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj	077	7	6	09	02	97	02	6	866	85	6	4	6	0	0	71	89
	Rajshahi	042	2	6	05	02	97	03	6	962	81	5	4	4	2	/	79	90
	Bogra																	
	Dinajpur	065	2	4	09	02	96	01	6	963	85	4	0	9	2	1	79	92
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kashmir	Jammu	...																
Lahore	Lahore (Jallo)	000	0	6	00	00	96	01	2	936	86	1	1	6	2	2	75	92
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	009	8	7	13	02	98	01	6	951	96	1	1	7	3	0	76	90
	Islamabad																	
	Rawalpindi	034	5	5	00	00	99	02	6	945	86	2	2	8	6	0	77	86
	Campbellpur																	
Sargodha	Khushab	000	0	8	09	03	96	03	2	949	96	4	5	7	7	4	82	86
	Sargodha	043	9	7	05	03	97	02	1	951	86	2	5	3	0	1	76	87
	Lyallpur	000	3	4	36	02	96	02	5	974	90	4	9	8	0	0	79	92
Multan	Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Multan	000	0	6	36	07	97	02	2	931	88	5	9	6	2	0	75	95
	Leiah	000	0	2	31	02	98	01	0	004	99	0	0	9	0	2	91	06
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur	000	5	6	00	00	94	02	8	925	85	3	4	7	0	0	76	00
	Fort Abbas																	
Peshawar	Chakdara	011	8	8	00	00	97	02	6	939	82	8	5	6	/	/	75	82
	Peshawar	000	0	7	05	03	97	02	2	944	87	5	5	6	8	0	76	87
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Bannu	000	0	6	23	01	98	02	1	960	85	0	0	9	4	/	76	86
	D. I. Khan	003	3	4	05	03	98	02	5	939	89	0	0	9	4	0	69	89
Quetta	Sibi	000	0	6	23	03	97	03	1	974	08	6	2	9	0	2	54	10
	Nokkundi	000	0	0	36	09	94	05	0	849	05	0	0	9	0	0	19	07
Kalat	Turbat																	
	Jiwani	000	0	5	18	09	96	06	1	924	88	2	6	4	4	0	81	92
	Pasni																	
Karachi Division	Ormara																	
	Lasbela																	
	Karachi (Manora)																	
	Karachi (Airport)	391	6	7	27	14	96	02	9	927	84	7	6	5	0	0	81	84
Hyderabad	Nagarparkar																	
	Chore	069	1	7	23	09	96	17	9	902	79	2	5	6	3	0	78	96
	Hyderabad	000	0	8	20	-3	97	03	2	898	93	8	8	9	2	0	76	97
	Badin	000	0	8	23	18	98	02	0	923	89	8	8	6	0	0	76	91
Khairpur	Padidan	000	1	6	13	03	96	17	9	888	04	6	9	6	0	0	69	05
	Nawabshah	000	0	5	05	02	96	01	2	896	01	3	3	5	3	0	76	03
	Sukkur	000	0	6	31	09	95	03	2	904	04	6	0	9	9	0	76	05
	Kashmore																	
	Jacobabad	000	0	7	02	33	95	07	1	910	89	3	5	6	2	0	76	04
Junagadh	Veraval																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Soramarg **																	
	Dras **																	
	Leh **																	
	Skardu **																	
	Misgar *																	
	Aliabad *																	
	Gilghit *																	
Rawalpindi	Murree *	030	9	5	27	03	98	02	6	420	44	3	5	4	5	0	63	64
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cherat *	001	9	7	36	03	97	03	6	409	75	7	4	6	0	0	74	75
	Kakul *	083	5	6	36	02	95	05	6	400	77	6	4	5	0	0	70	78
	Landikotal *	000	0	6	09	07	93	17	0	383	81	0	7	9	7	0	71	84
	Parachinar *	000	0	6	13	02	96	05	2	392	78	3	3	6	7	0	66	79
D.I. Khan	Miranshah *	000	0	8	05	05	97	02	2	383	78	8	2	9	0	0	72	78
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	000	4	8	09	13	98	03	9	383	83	8	5	5	0	0	68	90
	Hindubag *	042	0	8	13	03	92	03	0	362	98	8	8	5	0	0	67	99
	Loralai *	000	0	8	05	03	96	02	2	359	72	4	2	8	2	0	72	90
	Barkhan *																	
	Harnai *	000	0	6	00	00	94	03	2	351	92	0	4	6	4	0	69	96
	Samungli (Quetta) *	000	0	1	13	07	95	06	0	342	95	1	2	6	0	0	45	99
	Chaman *	000	0	3	27	00	98	02	9	385	80	0	0	9	0	0	51	02
	Nushki *	000	0	0	00	00	97	05	0	391	07	0	0	9	0	0	76	10
	Dalbandin *	000	8	x	28	03	91	05	4	362	03	/	/	9	0	0	67	05
Kalat	Kalat *	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
	Khuzdar *																	
	Panjgur *																	

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

Stations	Rainfall in Cents RRR (20)	Past weather commenced at † Wa (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots f (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs and tenths) PPP (28)	Dry Bulb temperature 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)
Rangamati	156	9	3	18	05	98	02	6	999	86	2	8	7	7	0	77	77
Cox's Bazar	...																
Chittagong	006	9	5	11	07	97	01	6	987	85	2	4	4	4	0	75	77
Majidee Court	105	9	4	18	10	96	03	2	003	81	4	2	5	0	0	77	77
Comilla																	
Brahmanbaria	029	0	6	13	03	97	03	1	992	86	2	5	5	4	0	77	77
Sylhet	002	9	4	00	00	97	01	2	993	86	3	4	4	3	0	74	76
Srimangal	030	9	1	00	00	96	01	9	996	86	0	0	9	0	1	77	77
Mymensingh																	
Narayanganj	000	0	6	13	02	97	02	2	984	84	5	7	4	3	1	76	81
Dacca (Tezgaon)	000	0	7	13	05	97	02	2	988	85	7	8	4	4	0	75	90
Faridpur	003	3	4	16	05	97	06	2	967	84	3	4	5	1	0	77	79
Barisal	000	0	6	16	02	96	02	2	054	88	6	6	6	0	0	77	79
Khulna	000	0	2	00	00	97	07	2	985	86	0	0	7	4	0	81	81
Satkhira	101	2	4	23	01	96	00	0	063	84	4	2	6	0	0	79	77
Jessore	005	4	6	09	09	97	02	6	978	84	3	4	1	3	1	79	79
Pubna	000	0	4	09	05	99	03	0	950	88	4	2	7	0	0	77	79
Sirajganj	154	9	6	18	03	98	02	2	982	84	6	4	4	0	0	79	79
Rajshahi	042	9	7	09	02	97	03	6	029	86	7	4	5	/	/	77	79
Bogra																	
Dinajpur	060	0	4	09	02	96	01	1	998	87	4	0	9	2	/	79	79
Rangpur	000	0	1	18	02	94	01	0	004	86	1	0	9	1	0	79	81
Jammu																	
Lahore (Jallo)	000	6	3	13	05	96	01	5	974	87	3	0	9	3	0	76	77
Sialkot	000	0	0	13	00	98	00	0	982	84	0	0	9	0	0	79	75
Jhelum	009	0	2	09	02	97	02	0	974	88	1	1	7	3	0	74	79
Islamabad																	
Rawalpindi	034	0	4	03	02	99	01	2	973	86	2	2	7	7	0	73	77
Campbellpur																	
Khushab	000	0	5	09	02	97	02	2	970	85	0	0	9	5	0	81	70
Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lyallpur	000	9	4	13	02	96	02	5	961	86	4	0	9	4	0	80	81
Sahiwal	000	0	5	13	02	96	01	2	963	88	1	2	6	3	0	77	82
Multan	000	0	8	36	03	96	02	2	953	86	5	7	6	1	/	79	82
Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khanpur	000	0	6	05	03	96	03	6	935	81	3	5	6	7	0	79	77
Bahawalpur	000	5	3	00	00	96	01	8	955	85	0	0	9	2	0	76	81
Fort Abbas																	
Chakdara	011	0	3	27	05	98	01	2	970	7	3	2	6	0	0	32	73
Peshawar	000	7	7	36	03	97	02	6	974	83	5	3	6	3	0	77	79
Haripur	003	3	4	05	01	97	02	2	976	83	4	0	9	3	0	75	77
Bannu	000	0	0	00	00	99	00	0	967	80	0	0	9	0	0	74	75
D. I. Khan	003	3	5	05	02	98	01	1	972	83	5	5	8	0	0	79	77
Sibi	000	0	6	23	03	97	03	1	976	87	6	2	9	6	2	52	87
Nokkundi	000	0	2	00	00	95	05	0	921	87	0	0	9	0	1	41	81
Turbat																	
Jiwani	000	0	7	13	02	96	01	2	942	85	6	6	4	1	1	81	84
Pasni																	
Ormara																	
Lasbela																	
Karachi (Manora)																	
Karachi (Airport)	474	9	8	31	03	96	60	9	941	79	3	6	4	1	/	78	68
Nagarparkar																	
Chore	...		...				...	...		...	...	...	...	...	...	...	
Hyderabad	272	9	8	31	09	96	53	9	927	82	3	6	5	2	0	79	75
Badin	223	0	6	31	14	96	65	6	928	76	9	7	5	0	0	75	74
Padidan	135	9	7	31	03	97	02	9	944	83	5	6	6	2	0	79	76
Nawabshah	104	9	8	36	09	96	51	9	939	83	4	7	5	2	1	79	77
Sukkur	025	1	7	05	05	97	03	9	947	81	7	0	9	9	0	80	80
Kashmore																	
Jacobabad	067	9	8	00	00	96	50	5	955	78	4	5	6	2	1	77	77
Veraval																	
HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Soramarg **																	
Dras **																	
Leh **																	
Skardu **																	
Misgar *																	
Aliabad *																	
Gilghit *																	
Murree *	038	9	6	09	03	98	02	6	425	64	4	1	4	5	0	61	60
Drosh *	000	0	3	23	02	97	01	1	396	81	3	1	6	0	0	64	78
Cherat *	141	0	8	36	03	92	02	2	414	70	8	6	1	0	0	70	70
Kakul *	101	7	6	31	02	97	02	7	421	73	6	4	4	0	0	70	69
Landikotal *	000	0	6	36	06	92	03	0	430	72	6	2	6	0	0	65	74
Parachinar *	000	0	8	18	02	96	05	2	415	70	5	6	4	2	/	66	67
Miranshah *	000	0	8	05	05	96	02	2	400	77	8	2	9	0	0	70	73
Wana *	000	0	0	00	00	99	00	0	467	74	0	0	9	0	0	71	74
Fort Sandeman *	003	0	0	00	00	97	02	0	408	71	0	0	9	0	0	54	70
Hindubag *	042	0	7	00	00	95	03	0	422	72	7	7	6	0	0	54	65
Loralai *	000	0	6	05	02	97	02	2	391	76	0	0	9	3	2	67	67
Barkhan *																	
Harnai *	000	0	6	00	00	96	03	2	361	80	0	4	6	4	0	70	78
Samungli (Quetta) *	000	0	2	13	03	96	06	0	376	77	0	0	9	0	2	62	71
Chaman *	000	0	0	27	00	98	00	0	390	83	0	0	9	0	0	40	77
Nushki *	000	0	0	00	00	97	05	0	384	96	0	0	9	0	0	54	84
Dalbandin *	000	0	0	05	03	91	05	4	378	90	/	/	9	/	/	57	79
Kalat *	000	0	8	00	00	98	03	0	388	71	8	6	7	0	0	44	64
Khuzdar *																	
Panjgur *																	

Departure from Normal of / Rainfall

Stations	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1967 to-date (39)	Departure from normal (40)	Since 1st January, 1967 to-date (41)	Annual Normal (42)
Rangamati	—	—	34.1	—	45.6	—
Cox's Bazar	0					
Chittagong		0	—	—	—	142
Majidee Court	0	− 1	40,5	+ 2,5	82,2	108
Comilla						115
Brahmanbaria	—	—	34:0	+ 3,0	37,5	94
Sylhet	—	—	59 5	—	91,2	78
Srimangal	− 1	+ 1	—	—	—	—
Mymensingh						98
Narayanganj	+ 2	+ 2	18,4	− 4.5	38.6	91
Dacca (Tezgaon)	—	—				74
Faridpur		0	—	—	—	71
Barisal		0	—	—	—	81
Khulna		+ 3	17,9	− 6,3	30,3	68
Satkhira	—	1	13,5	− 9,7	33.5	65
Jessore	—	—	—	—	—	65
Pubna		—	21.2	—	31.8	59
Sirajganj	0	0	19,4	− 2,1	38,9	64
Rajshahi	+ 1	+ 1	—			—
Bogra						
Dinajpur	+ 2	0	—	—	—	69
Rangpur		+ 2	—			73
Jammu						84
Lahore (Jallo)	− 7	/	3.4	− 3,6	6,7	19
Sialkot	− 4	− 4	—	—	—	32
Jhelum	—	—	3.1	—	9,2	—
Islamabad						
Rawalpindi	− 11	0	1.2	− 7.3	6,3	34
Campbellpur						
Khushab	− 16	− 12	3,1	− 12	9,5	15
Sargodha	—	—		—		—
Lyallpur	− 9	− 1	0,1	− 3,5	4,4	12
Sahiwal		− 1	2,9	+ 0,1	6,7	10
Multan	− 7	− 3	0:3	− 1,6	2,6	7
Leiah	—					8
Khanpur		/	0	− 2,0	1.6	6
Bahawalpur	− 2	− 2	0.3	− 1,7	1,9	6
Fort Abbas						8
Chakdara	—	—	2.1	—	19.1	—
Peshawar	− 14	− 1	0,2	− 1,1	13.6	11
Haripur	—	—	3,9	—	14.6	—
Bannu	—	—	0	—	3,0	11
D. I. Khan	− 14	− 6	2,1	− 0,1	6,1	9
Sibi	—	—	0.7	—	5,0	9
Nokkundi	—	—	0	—	0,9	3
Turbat						—
Jiwani	—	—	0	—	1,1	5
Pasni						6
Ormara						6
Lasbela						8
Karachi (Manora)						8
Karachi (Airport)	—	—	9,0	—	15,1	—
Nagarparkar	—					—
Chore						7
Hyderabad	− 1	− 6	4,4	+ 0,7	6,5	9
Badin	− 2	− 7	2,9	− 0.9	4,7	
Padidan	—	—	2,5	—	4,3	—
Nawabshah	—	—	2,1	—	3,2	—
Sukkur	—	—	0,4	—	1,1	4
Kashmore						—
Jacobabad	− 3	− 7	0,7	− 0,4	2,1	4
Srinagar *						30
Gulmarg **						30
Soramarg **						—
Dras **						71
Leh **						70
Skardu **						3
Misgar *						6
Aliabad *						—
Gilghit *						— 5
Murree *	− 9	+ 2	9,4	− 4,3	36.8	58
Drosh *		+ 5	—	—	—	18
Cherat *	− 14	− 1	6.4	+ 2,0	1,98	28
Kakul *	—	—	10,5	—	32,1	—
Landikotal *	—	—	0.7	—	18,6	—
Parachinar *	− 7	+ 1	5.2	—	20,9	29
Miranshah *	—	—	0.6	− 1.5	2,7	13
Wana *		—	0,9	—	5.8	11
Fort Sandeman *	− 7	− 4	1,4	− 0.9	12,0	11
Hindubag *	—	—	0,4	—	6,3	—
Loralai *	—	—	0,5	—	5,3	9
Barkhan *						—
Harnai *	—	—	2,4	− 0.4	11,2	14
Samungli (Quetta) *	—	—	0	− 0,5	7,5	9
Chaman *	+ 1	+ 2	0	− 0.1	4,2	8
Nushki *	—	—	0	—	3,8	—
Dalbandin *	− 4	+ 3	0	− 0,1	1,8	4
Kalat *		+ 2	4.3	—	10.4	7
Khuzdar *						—
Panjgur *						5

† 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. is rainfall since 0300 hrs. G.M.T of the same day

Whenever given for RRR see the summary above is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 25th JULY, 1967.

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_sCh h_s	O $T_sT_sT_dT$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
BAY OF BENGAL										
Kunmaru	23 185	831 00	8 22 05	98 02 0	071 27	34 5 00	14 6 26	...	0/ / //	12 3 23
Katelysia	23 056	826 00	8 22 18	97 03 2	084 28	...	...	...	...	...
Orissa	22 095	950 00	8 24 24	96 65 2	094 22	...	...	...	...	—
Fatehabad	23 180	852 00	7 18 18	97 02 2	989 38	...	...	...	—	...
Fatehabad	22 202	913 00	8 02 02	97 26 8	00/ 25	14 / //	...	...	...	...
Raighamaru	22 151	130 00	8 22 13	59 02 2	044 19	11 3 79	14 4 01	...	05 2 26	12 2 11
Nimamriccar	22 180	675 18	8 23 19	98 30 1	019 28	9// / //	...	...	01 2 //	...
Talarashvi	23 058	664 18	2 21 09	97 02 0	063 25	11 4 /1	...	...	...	...
Rustom	23 192	839 06	3 21 3	95 02 0	092 29	34 5 00	14 1 01	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isoboric Levels: Surface PPPTTTTdTdTd	1000 mb HHH TTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHH TTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	996 252 232	...	...	143 220 220	...	311 165 999	...	592 072 999	771 520 999	995 625	296 800	512 900	808 188
Dacca ...	00 00	997 278 262	...	...	140 170 999	...	303 082 999	...	575 565 999	745 658 999	958 792	237 970	423 080	669 245
Jiwani ...	00 00	987 292 255	...	...	138 265 265	...	305 155 999	...	579 540 999	752 632 959	966 745	252 902	443 022	...
Karachi ...	00 00	MISDA	...	...	...	...	...	...	...	—	...	...	...	...
Lahore ...	00 00	...	...	...		...		...	...			...	...	...
Multan ...	00 00	980 288 268	...	...	140 245 212	...	304 142 132	...	581 010 010	758 560 999	978 670	/// ///	485 862	780 910
Peshawar ...														
Quetta ...	00 00	810 210 120	...	...	150 /// ///	...	304 135 215	...	590 018 522	767 592 999	983 725	270 910	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT TdTdTd									Max Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 240 240	800 205 205	600 11/ ///	430 00/ ///	350 57/ ///	250 71/ ///	...	...	...	100 188 999	...	—
Dacca —	00 00	900 21/ ///	800 16/ ///	600 02/ ///	570 50/ ///	350 71/ ///	250 87/ ///	...	...	—	102 245 999	...	...
Jiwani ...	00 00	900 278 255	800 24/ ///	600 05/ ///	350 68/ ///	250 82/ ///	..	...	...	—	150 022 999	...	...
Karachi ...	00 00	MISDA	...	-	...	...	...	...	...	...	—	...	...
Lahore ...	00 00			...	...		...	...	...	...	...	...	...
Multan ...	00 00	900 275 262	900 205 185	600 085 082	490 00/ ///	250 61/ ///	250 75/ ///	—	...	—	100 910 999	...	...
Peshawar ...													
Quetta ...	00 00	800 215 188	630 098 040	600 095 042	478 002 555	350 66/ ///	250 81/ ///	...	—	...	200 910 999	...	...

PP P—Pressure in hundreds tens and units of millibars.

TT T; 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. → / 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	At 0000 hrs. G.M.T. of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 G.M.T of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	5.4	5.4	6.0	7.2	0.9
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	12	19	20	21	22	23	24	25	26	27
Bogra	...	...	...	...	—	...	...	...	...	13 13	13 11	10 12	09 12	09 11	...	...	—	—	...	—	...	...	..	...	...	...
Chaklala	—	08 02	15 02	18 05	25 07	36 05	02 14	11 07	36 03	...	...	...	...	...	...	...	...	...	...	...	..	—	...	...	...	...
Chhor	22 10	15 08	06 12	04 21	04 21	01 25	...	...	...	06 16	06 24	07 33	...	...	...	03 23	05 13	—	...	...	...	...	...	...	...	...
Chittgong	19 17	19 13	20 12	...	...	...	...	...	...	14 09	14 18	14 15	16 11	15 09	13 09	...		—	...	...	...	...	...	...	...	...
Cox's Bazar	...		...	...	...	...	...	...	...	14 18	14 15	13 14	...	...	...	..	...	—	...	—	...	...	...	...	...	...
Dacca	16 12	17 10	17 12	14 09	14 06	11 02	...	...	...	10 10	12 12	12 12	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin	...	...	25 11	23 18	26 17	35 17	01 15	36 12	35 17	—	...	25 12	27 08	...	..	...	...	08 06	08 11	..	...	...	...	...	...	...
D. I. Khan	...	...	—	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...							
Drosh	...	..	...	...	...	...	...	...	...	...	—	...	21 04	21 05	19 04	...	...	...	...	21 06	20 08	25 04	30 10	30 14	26 18	29 27
Fort Sandeman	...		...	03 05	03 10	02 09	02 30	35 27	36 34	...	...	...	04 13	06 13	07 05				34 02	16 06	03 14	...	...	...	...	...
Jacobabad	19 10	19 12	23 07	35 07	01 06	36 12	36 19	03 13	41 26	34 10	36 10	30 13	07 19	26 13	...	32 04	03 13	06 20		...	...	...	..	—	—	...
Jessore	14 11	14 21	14 25	14 20	16 17	16 15	...	...		08 13						10 12	10 12	19 12		...		...	...	...	...	...
Jhelum	11 07	11 07	11 07	14 06	17 05	17 05	08 06	03 11	07 13	08 03	15 09	12 06	11 07	12 06	30 02	12 11	13 10	14 11	15 09	13 06	07 03	...	...	...	...	...
Jiwani	18 08	21 09	19 07	13 02	06 04	...	..	...				—	...	...	...	07 05	05 02	25 07	29 19	31 21	33 17	...	...	...	...	...
Karachi	04 61	27 32	28 20	...	...	...	...	...	...	13 17	30 17	30 18	...	...	...	29 23	30 21	32 15	32 15	—	...	...	...	...	...	...
Khanpur	25 20	25 15	...	...	—		...	...	...	04 15	05 20	05 20	06 16		...	07 10	07 12	07 17	...	...	...	...	...	...	...	...
Lahore	08 10	10 07	10 10	09 12	08 14	12 06	...	...	...	...	...		...	...	...	10 06	12 08	13 10	15 15	...	...	—	...	...	...	...
Multan	02 14	03 14	07 12	09 10	...		...	...	...	01 10	01 11	05 15	11 19	14 17	...	12 06	12 07	12 05	11 06	...	—	—	...	...	-	...
Nawab Shah	04 07	05 07	04 09	03 07	04 12	03 31	...	...	...	01 21	01 30	02 24	07 27	02 29	...	03 12	03 13	04 16	...	...	...	—	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	05 08	11 05	18 10	26 10	34 13	01 11	01 15	35 11	...	...	...	...	...	...	...	...	..	—	—	...	...	...	—	...	...
Samungli	...	...	...	...	29 06	29 14	32 17	34 15	02 13	...	...	...	-	..	...	...	...	...	...	18 19	11 05	01 08	...	—	—	...
Sargodha	11 03	10 03	12 03	12 03	25 03	31 09	33 13	36 14	20 10	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—
Sylhet	19 06	22 04	22 03	20 04	...	...	...	-	...	15 02	17 03	16 02	...	...	...	..	...	..	...	...	...	...	—	...	...	...
Vravale	...	...	...	...	—	—	—	...	—	...	...	...	—	...	...	...	—	...	...	...	...	...	...	...	...	...

* The actual time of observation 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 —	MISDA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar —																		
Quetta —	...	...	...	...	...	...	...	...	—	...	...	...	—	...	...	...	..	...

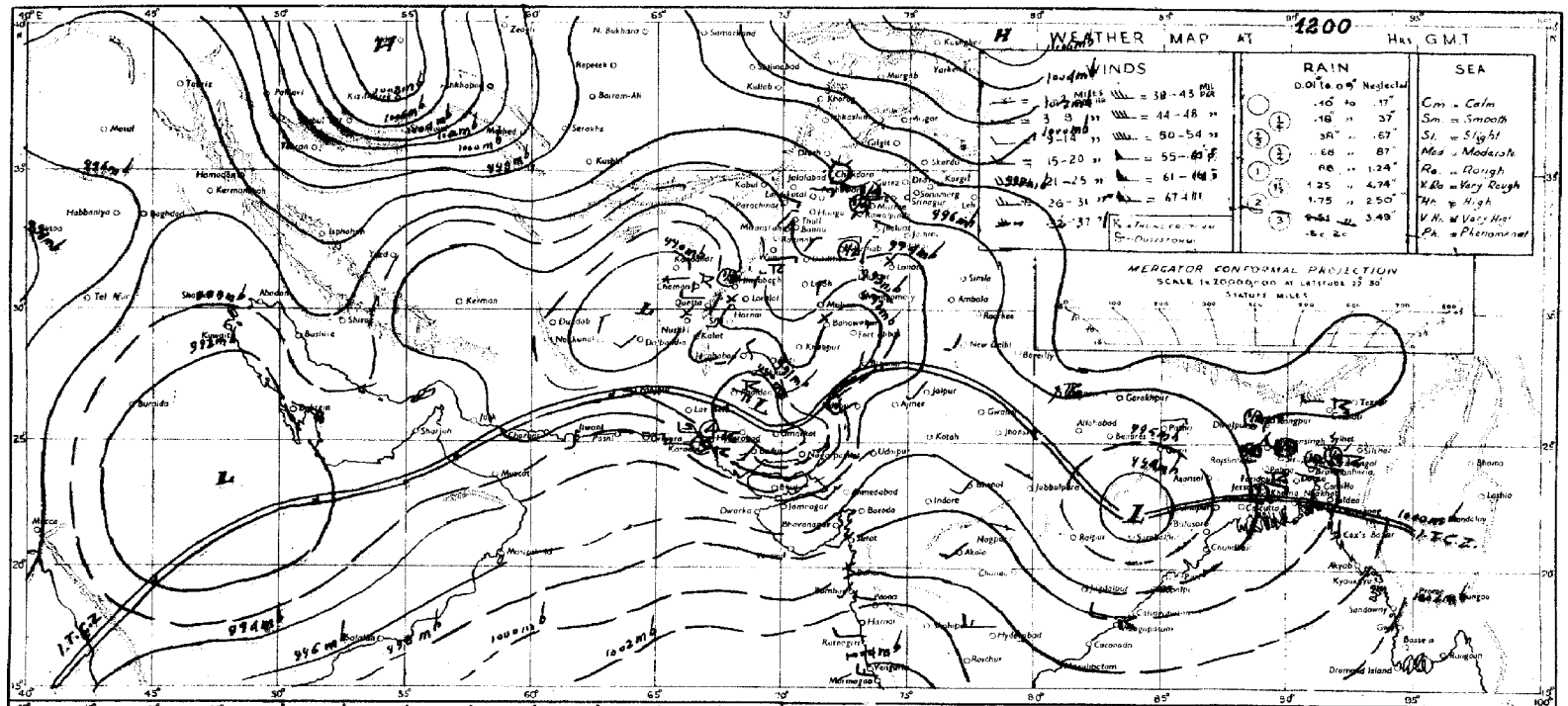
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North throughout East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

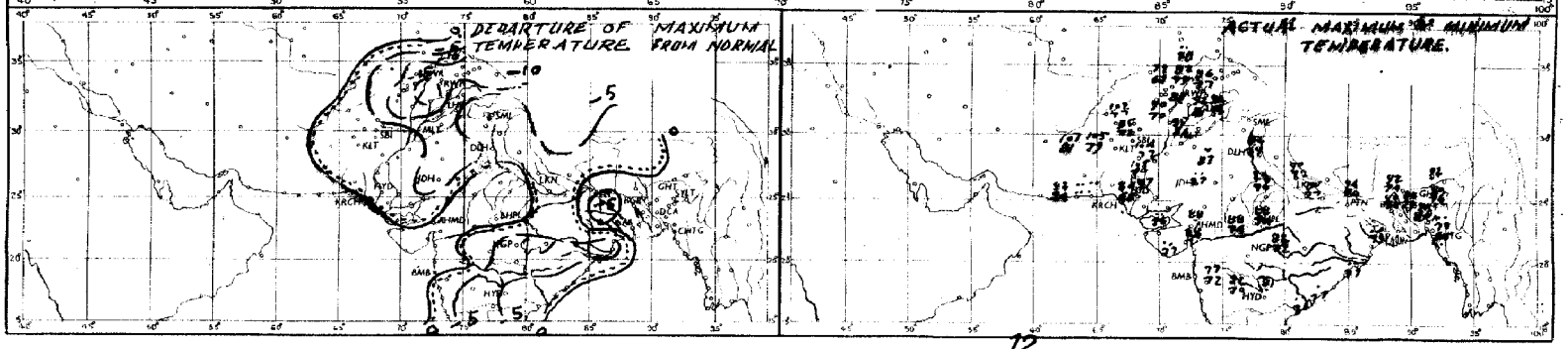
Cloud observation Data (GGiii Cdd vrvr etc.)

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—8.

PAKISTAN DAILY WEATHER MAP

MONDAY 24th JULY, 1967

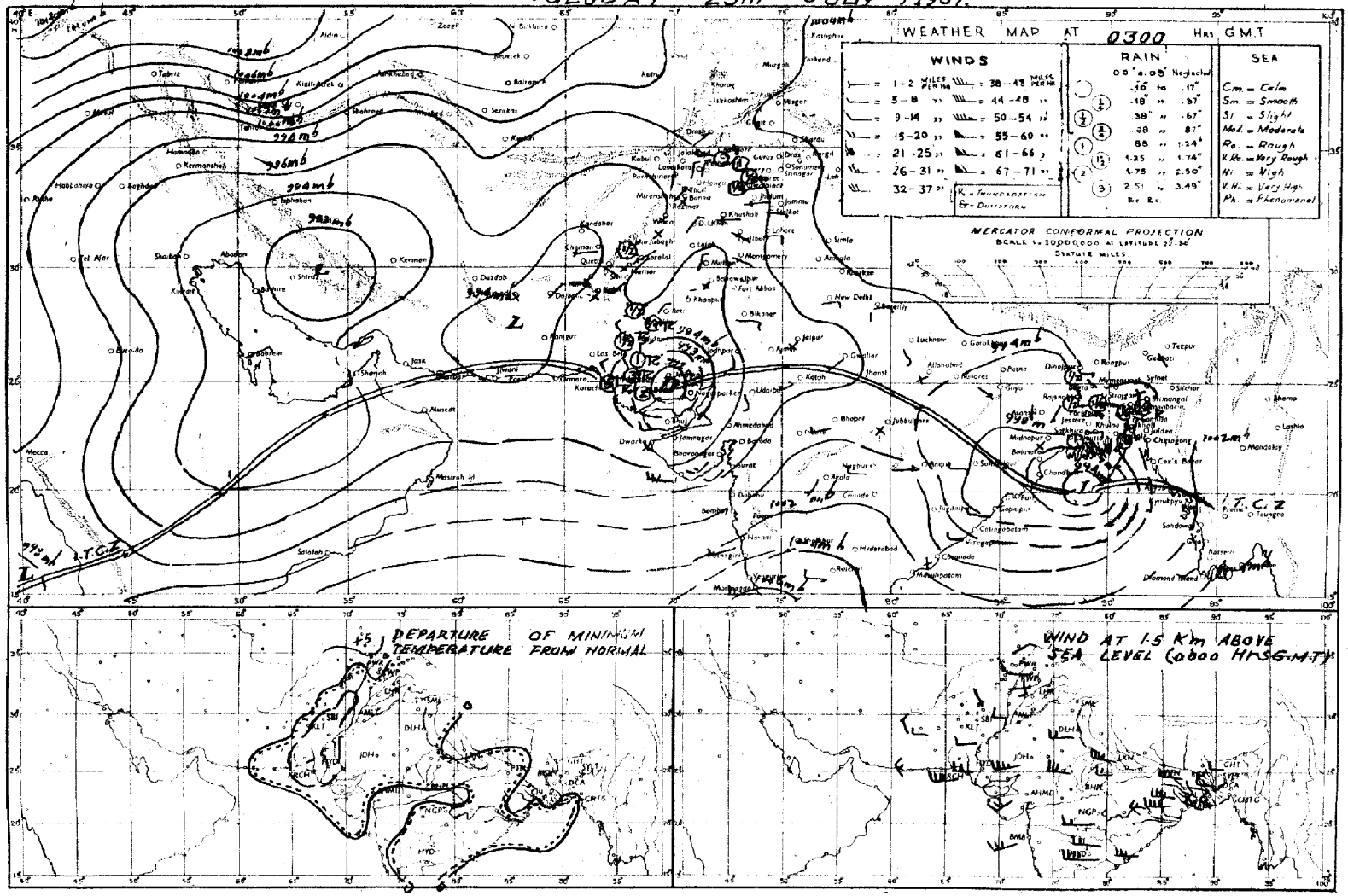




Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

TUESDAY 25th JULY, 1967.



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

Peges 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

WEDNESDAY THE 26th JULY, 1967.

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

Observations are lacking but believe yesterday's depression moved westwards and is centred at 26,0300 GMT about 20 miles to the south of Karachi. It is likely to move in the same direction and weaken.

The low pressure area over north Bay of Bengal has concentrated into a depression centred at 26,0300 GMT within one degree of Latitude 20.5°N and Longitude 88°E. It is likely to intensify and move westnorthwestwards.

Based on available data rain/thundershowers have been fairly widespread in Khairpur and Karachi divisions, local in Chittagong division and scattered elsewhere in East Pakistan and in Quetta division. No data is available from other diviosions of West Pakistan.

Chief amounts of rainfall are: Karachi Airport 4"; Nawabshah and Sylhet 1" each; Padidan and Jacobabad 3/4" each; Mymensingh 1/2" and Cox's Bazar, Barisal and Sirajganj 1/4" each.

Day temperatures were 10—20°F (6—11°C) below normal in Khairpur divivision, 3—6°F so in Quetta and Karachi divisions and 2—5°F (1—3°C) above normal in Chittagong, Dacca and Rajshahi divisions. No data is available form other divisions of West Pakistan.

Forecast valid until the evening of 27th July 1967:- Fairly widesprad rain/thundershowers are likely to occur in Khulna, Hyderabad and Kalat divisions; local in Karachi, Khairpur, Quetta, Lahore, Rawalpindi, Chittagong and Dacca divisions and scattered elsewhere over West Pakistan and in Kashmir.

Karachi-11
The 26th July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meteorological Services.

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

Divisions (1)	Stations (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 °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	Rangamati —	000	0	4	18	05	99	01	1	994	85	2	8	7	7	1	76	90
	Cox's Bazar —	015	9	7	16	08	97	02	6	954	82	5	4	4	3	2	73	85
	Chittagong —	000	0	6	13	12	97	02	2	960	85	4	3	4	4	1	76	88
	Majidee Court —	000	9	5	18	12	96	02	0	956	77	5	1	5	0	0	77	86
	Comilla —	016	4	4	18	05	—	—	—	957	82	4	4	5	0	0	77	92
	Brahmanbaria —	506	0	6	23	02	96	21	1	963	82	6	5	3	0	0	79	92
	Sylhet —	000	6	4	31	05	97	03	2	047	90	3	3	5	0	8	77	92
	Srimangal —	000	0	2	00	00	96	91	0	056	92	0	0	9	0	2	81	94
Dacca	Mymensingh —	000	0	2	00	00	96	01	2	565	85	2	5	6	0	0	79	90
	Narayanganj —	000	1	8	00	00	92	03	5	955	85	6	7	4	3	1	79	92
	Dacca (Tejgaon) —	000	0	7	13	15	97	03	2	951	88	5	9	4	2	0	77	89
	Faridpur —	000	0	6	16	32	97	02	2	951	86	5	5	5	1	0	77	90
Khulna	Barisal —	000	0	4	18	32	96	02	2	017	77	4	7	6	0	0	79	93
	Khulna —	000	0	3	09	05	97	02	1	947	85	0	0	7	4	0	75	88
	Satkhira —	000	0	4	23	01	96	00	0	944	85	4	3	6	0	0	79	90
	Jessore —	000	0	7	09	09	97	07	2	947	85	7	4	5	3	8	71	90
Rajshahi	Pabna —	000	0	2	09	02	99	01	1	943	88	8	0	9	0	1	73	90
	Sirajganj —	000	0	2	13	02	97	02	2	941	88	2	1	6	0	0	79	90
	Rajshahi —	000	9	3	23	02	97	01	6	948	88	1	6	5	2	0	76	90
	Bogra —	000	0	3	09	02	96	02	0	945	90	9	6	5	0	0	79	90
	Dinajpur —	000	0	2	19	02	96	01	1	939	90	2	0	5	2	0	77	90
	Rangpur —	000	0	3	13	02	96	01	1	949	88	1	2	6	2	0	76	92
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) —	005	1	8	36	05	94	97	9	937	88	5	3	6	7	0	80	00
	Sialkot —	006	4	8	15	03	96	17	9	399	75	6	9	6	2		66	82
Rawalpindi	Jhelum —	000	5	1	13	02	98	02	9	939	91	1	1	7	0	0	74	95
	Islamabad —																	
	Rawalpindi —	000	0	1	13	02	99	00	0	936	93	1	2	8	0	0	77	95
	Campbellpur —																	
Sargodha	Khushab —	000	0	3	18	05	97	02	2	941	91	0	0	9	0	3	66	99
	Sargodha —																	
	Lyallpur —	016	6	5	36	02	95	02	9	930	86	5	9	7	0	0	79	96
Multan	Sahiwal —	000	5	6	36	02	96	03	5	933	90	4	2	6	3	0	76	98
	Multan —	000	0	8	23	03	97	17	9	931	89	7	9	6	1	0	80	//
	Leiah —	000	0	2	31	03	98	00	0	012	99	0	0	9	0	2	87	07
Bahawalpur	Khanpur —	009	1	8	09	03	96	58	6	919	96	5	8	5	2	0	74	97
	Bahawalpur —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Abbas —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chakdara —	000	0	1	27	05	98	81	1	907	92	1	2	7	0	0	77	92
	Peshawar —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Haripur —																	
D. I. Khan	Bannu —	000	0	3	13	02	99	03	0	927	95	0	0	9	/	/	73	96
	D. I. Khan —	000	0	0	00	00	98	02	0	902	96	0	0	9	0	0	76	98
Quetta	Sibi —	000	0	6	13	03	97	03	1	538	89	6	2	9	6	2	48	04
	Nokkundi —	000	0	4	34	05	95	05	0	865	06	0	0	9	0	1	21	07
Kalat	Turbat —	000	0	6	13	03	97	02	0	921	00	3	5	5	3	0	84	00
	Jiwani —	000	0	6	18	12	96	02	2	970	89	2	0	5	3	0	82	91
	Pasni —	000	0	6	23	10	97	01	1	936	87	6	6	5	0	0	79	90
Karachi Division	Ormara —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lasbela —																	
	Karachi (Manora) —																	
	Karachi (Airport) —	286	8	8	36	03	96	62	6	012	77	3	6	4	2	1	77	85
Hyderabad	Nagarparkar —	...	...	...	...	...	—	...	—	...	...	...	...	...	...		...	...
	Chora —																	
	Hyderabad —	...	...	...	...			...	...	...	...	...	...				...	...
	Badin —	...	...	...	...	...	...		...	...	...	...					...	...
Khairpur	Padidan —	086	8	7	31	07	97	58	6	910	83	3	4	7	2	0	79	87
	Nawabshah —	025	1	8	36	14	96	02	2	901	86	2	2	6	2	0	82	88
	Sukkur —	000	0	7	30	05	95	03	2	926	92	7	0	9	9	0	78	94
	Kashmore —																	
	Jacobabad —	086	3	7	36	05	97	02	6	922	82	4	4	6	0	0	81	87
Junagadh	Veraval —																	
	HILL STATIONS																	
Kashmir	Srinagar * —																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** —																	
	Skardu ** —																	
	Misgar * —																	
	Aliabad * —																	
	Gilghit * —																	
Rawalpindi	Murree * —	0,0	6	6	29	07	90	22	6	406	68	6	5	3	0	0	63	68
Peshawar	Drosh * —	000	0	3	25	[illegible]	98	01	0	341	95	2	2	7	6	0	56	98
	Cherat * —	000	0	0	36	07	96	00	1	396	83	0	0	9	0	0	71	84
	Kakul * —	000	0	5	18	02	97	03	1	396	82	5	3	4	0	0	66	83
	Landikota * —	...	...	...				...	...	...	...	...	...	...	...	...	...	
	Parachinar * —	...	...	...	...		...	...		...	...	...	...	...	...	...	...	...
D.I. Khan	Miranshah * —	000	0	4	05	09	98	03	2	391	91	4	0	9	0	0	69	92
	Wana * —																	
Quetta	Fort Sandeman * —	000	0	8	02	05	98	03	9	390	86	8	5	5	0	0	61	91
	Hindubag * —	000	0	7	07	03	92	03	0	366	90	7	8	5	0	0	68	97
	Loralai * —	000	0	6	10	03	96	02	2	368	87	0	0	9	3	0	74	87
	Barkhan * —																	
	Harnai * —	030	2	6	00	00	95	03	6	363	80	0	4	6	4	0	71	91
	Samungli (Quetta) * —																	
	Chaman * —	000	0	4	27	00	98	02	0	385	00	0	0	9	0	6	51	00
	Nushki * —	000	0	0	00	00	97	05	0	419	04	0	0	9	0	0	53	06
	Dalbandin * —	000	8	—	05	12	91	07	5	379	06	0	0	9	0	0	36	08
Kalat	Kalat * —	000	0	8	31	02	98	03	0	377	77	8	6	7	0	0	41	82
	Khuzdar * —																	
	Panjgur * —																	

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

Divisions	Stations	Rainfall in Cents RRR (20)	Past weather commenced at † W1 (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 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	Rangamati	000	0	6	18	02	98	03	1	982	88	2	9	7	7	3	79	81
	Cox's Bazar	020	2	7	13	16	97	02	6	964	83	5	5	4	3	0	76	79
	Chittagong	000	0	6	09	05	97	02	2	971	84	2	3	5	4	1	76	77
	Majidee Court	000	9	6	18	10	96	02	2	999	82	4	2	5	8	2	77	77
	Comilla	016	9	3	18	05	96	02	0	973	84	0	0	9	0	3	76	76
	Brahmanbaria	016	0	3	05	02	97	03	1	975	88	0	0	5	5	0	79	79
	Sylhet	100	9	4	09	05	97	29	9	975	84	2	3	5	3	0	79	74
	Srimangal	106	8	1	00	00	96	01	9	976	88	0	9	9	0	1	77	73
Dacca	Mymensingh	051	0	5	00	00	96	02	2	978	88	5	5	5	0	0	77	79
	Narayanganj	000	0	7	05	04	97	02	2	969	90	4	7	9	8	9	79	81
	Dacca (Tejgaon)	000	0	6	09	05	97	01	2	967	84	2	5	4	4	0	79	81
	Faridpur	000	0	4	16	09	97	02	2	958	86	2	4	5	1	0	81	79
Khulna	Barisal	022	6	3	09	02	96	02	6	979	86	3	7	6	0	0	79	76
	Khulna	000	3	3	09	05	97	02	6	959	82	0	0	7	4	0	79	79
	Satkhira	025	0	8	05	01	96	00	6	943	82	8	5	5	0	0	74	79
	Jessore	004	4	4	06	14	97	20	5	958	82	5	7	3	3	0	77	79
Rajshahi	Pabna	000	0	6	05	05	99	01	2	964	84	5	3	7	4	0	79	81
	Sirajganj	024	9		09	03	98	02	2	974	84	7	0	8	2	0	79	79
	Rajshahi	000	[illegible]		05	03	97	60	1	971	83	6	7	4	0	0	79	81
	Bogra	000	0	6	05	03	96	02	2	974	88	6	4	5	2	0	79	81
	Dinajpur	000	3	4	03	02	96	01	1	975	86	4	0	9	2	0	77	79
	Rangpur	000	0	6	13	02	96	03	2	006	84	6	0	9	2	0	79	81
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	030	9	1	13	00	96	02	9	967	88	[illegible]	0	9	3	0	78	[illegible]
	Sialkot	000	0	0	00	00	99	00	0	965	84	0	0	9	0	0	79	74
Rawalpindi	Jhelum	000	0	3	13	03	97	01	1	969	00	1	1	7	1	0	76	79
	Islamabad																	
	Rawalpindi	000	6	7	09	07	99	02	5	967	88	4	5	6	0	0	74	77
	Campbellpur																	
Sargodha	Khushab	000	0	0	09	03	97	00	0	962	76	0	0	9	0	0	63	73
	Sargodha																	
	Lyallpur	016	9	4	13	02	96	02	9	939	88	4	0	9	4	0	77	80
Multan	Sahiwal	000	0	0	00	00	96	01	0	955	90	8	0	9	0	0	76	82
	Multan	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Leiah	000	0	3	18	02	97	02	0	955	90	0	8	3	0	0	79	54
Bahawalpur	Khanpur	000	0	3	09	03	97	02	0	952	89	2	2	6	3	[illegible]	76	81
	Bahawalpur	000	0	5	23	02	95	00	0	963	85	0	0	9	0	2	76	84
	Fort Abbas	000	2	0	03	03	98	21	9	961	85	0	0	9	2	0	71	82
Peshawar	Chakdara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Peshawar	079	3	6	31	05	98	01	0	973	62	6	5	6	0	0	71	[illegible]
	Haripur																	
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	959	84	0	0	9	0	0	77	77
	D. I. Khan	000	0	0	05	02	98	00	0	967	87	0	0	9	0	0	79	82
Quetta	Sibi	000	0	4	00	00	97	03	1	976	90	6	2	9	5	2	54	85
	Nokkundi	000	0	7	00	00	95	05	0	919	87	0	0	9	3	1	47	82
Kalat	Turbat	000	0	6	00	00	97	02	0	943	97	3	5	5	3	0	81	85
	Jiwani	000	0	6	09	05	96	02	2	929	93	6	0	9	3	0	79	82
	Pasni	000	0	8	27	05	97	02	1	935	83	8	6	5	0	0	79	80
Karachi Division	Ormara	000	0	7	27	10	96	02	2	919	81	7	7	4	0	0	80	[illegible]
	Lasbela																	
	Karachi (Manora)																	
	Karachi (Airport)	390	9	6	03	03	96	20	6	910	80	3	6	4	2	0	75	77
Hyderabad	Nagarparkar	010	0	8	36	07	96	03	1	943	78	4	5	7	0	0	77	75
	Chora																	
	Hyderabad	154	9	8	09	05	97	02	9	919	79	8	6	5	0	0	75	77
	Badin	000	0	8	23	11	98	02	0	092	78	8	5	6	0	0	77	75
Khairpur	Padidan	210	0	6	05	03	97	03	9	931	83	4	4	7	2	0	79	79
	Nawabshah	157	9	4	05	05	96	03	2	933	81	6	3	6	0	0	77	79
	Sukkur	000	0	3	05	03	97	01	9	942	84	3	0	9	9	0	77	81
	Kashmore																	
	Jacobabad	089	9	5	09	07	97	03	5	944	87	3	5	6	3	0	81	81
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilghit																	
Rawalpindi	Murree	067	9	9	00	00	90	49	6	416	63	9	/	0	/	/	61	60
Peshawar	Drosh	000	0	4	00	00	98	03	0	397	82	2	2	6	2	0	62	71
	Cherat	000	0	8	00	00	96	02	1	415	72	8	4	5	0	0	70	70
	Kakul	114	5	7	00	0	97	29	9	418	70	7	9	4	0	0	69	68
	Landikota	000	0	6	36	07	94	03	0	397	76	0	0	9	7	0	72	75
	Parachinar	013	8	7	13	03	96	17	9	414	71	5	9	3	7	0	76	70
D.I. Khan	Miranshah	000	0	4	05	05	97	03	0	387	80	4	0	9	0	0	73	76
	Wana																	
Quetta	Fort Sandeman	000	0	8	09	02	97	03	2	405	75	0	0	6	6	0	66	71
	Hindubag	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Loralai	000			13	02	96	01	1	390	75	0	9	9	2	2	66	65
	Barkhan																	
	Harnai	036	0	0	00	00	96	02	0	373	83	0	0	9	0	0	71	77
	Samungli (Quetta)																	
	Chaman	008	0	0	00	00	98	03	0	409	86	0	0	9	0	0	51	84
	Nushki	000	0	0	13	02	98	05	0	385	98	0	0	9	0	0	33	90
	Dalbandin	000	0	0	05	03	93	05	4	374	88	5	0	9	3	0	46	83
Kalat	Kalat	025	2	4	36	02	98	01	6	396	70	4	6	7	0	0	43	64
	Khuzdar																	
	Panjgur																	

Departure from Normal of / Rainfall

Divisions	Stations	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1967 to-date (39)	Departure from normal (40)	Since 1st January, 1967 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	34,1	—	45,6	—
	Cox's Bazar	0	+ 3	34.3	— 26.0	45.8	145
	Chittagong	+ 2	0	41.4	+ 1.1	54.3	108
	Majidee Court	0	— 1	40.5	+ 1.6	62.3	115
	Comilla	+ 5	— 1	26,7	— 2.4	52.4	94
	Brahmanbaria	—	—	24,9	— 1.8	47.8	78
	Sylhet	—	—	60,5	—	92.2	—
	Srimangal	+ 4	— 3	—	—	—	98
Dacca	Mymensingh	+ 2	+ 1	24.8	— 6.2	38.5	91
	Narayanganj	+ 4	+ 2	18.4	— 4.9	38.6	76
	Dacca (Tejgaon)	—	—	19.5	—	39.2	—
	Faridpur	+ 2	0	23.2	+ 0.4	31.7	75
Khulna	Barisal	+ 5	+ 2	22.4	— 5.2	37.1	81
	Khulna	0	+ 1	17.9	— 6.7	30.3	68
	Satkhira	+ 7	+ 1	13.8	— 9.9	24.7	65
	Jessore	—	—	14.3	— 7.8	[illegible]	65
Rajshahi	Pabna	—	—	23.3	—	33.9	59
	Sirajganj	+ 2	+ 0	[illegible]	— 2.3	39.3	64
	Rajshahi	+ 1	+ 3	17.4	— 2.9	25.1	—
	Bogra	+ 1	+ 3	30.2	+ 7.1	[illegible]	[illegible]
	Dinajpur	0	0	21.4	— 5.3	[illegible]	72
	Rangpur	+ 2	+ 3	27.6	— 4.0	[illegible]	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	+ 1	0	—	—	—	19
	Sialkot	— 14	— 5				37
Rawalpindi	Jhelum	—	—	—	—	—	—
	Islamabad						—
	Rawalpindi	— 1	—				35
	Campbellpur						—
Sargodha	Khushab	— 3	— 9				15
	Sargodha						—
	Lyallpur	— 5	— 2				12
Multan	Sahiwal	— 5	— 1				10
	Multan	—					7
	Leiah	—					8
Bahawalpur	Khanpur	— 6	—	—	—	—	6
	Bahawalpur		+ 1	—	—	—	6
	Fort Abbas		—	—	—	—	8
Peshawar	Chakdara						—
	Peshawar	—	—				11
	Haripur						—
D. I. Khan	Bannu	—	—				11
	D. I. Khan	—	—				9
Quetta	Sibi	—	—	—	—		5
	Nokkundi	—	—				2
Kalat	Turbat	—	—	0	—	0,3	—
	Jiwani	—	—	0	—	1,1	5
	Pasni	— 1	+ 2				6
Karachi Division	Ormara		—				6
	Lasbela						8
	Karachi (Manora)						8
	Karachi (Airport)	—	—	12,9	—	19,0	—
Hyderabad	Nagarparkar		—	—	—	—	—
	Chora						7
	Hyderabad		— 3				9
	Badin		— 6				
Khairpur	Padidan	—	—				—
	Nawabshah	—	—	2,1	—	3,2	—
	Sukkur	—	—				4
	Kashmore						—
	Jacobabad	— 20	— 4				4
Junagadh	Veraval						40
Kashmir	Srinagar						26
	Gulmarg						—
	Sonamarg						71
	Dras						26
	Leh						3
	Skardu						6
	Misgar						—
	Aliabad						—
	Gilghit						5
Rawalpindi	Murree	—	—				59
Peshawar	Drosh	+ 1	+ 4				18
	Cherat	— 4	— 1				29
	Kakul	—	—				—
	Landikota		—				—
	Parachinar		+ 4	—	—	—	29
D.I. Khan	Miranshah	—	—				13
	Wana						11
Quetta	Fort Sandeman	— 8	— 5				11
	Hindubag	—					—
	Loralai	—	—				9
	Barkhan						—
	Harnai	—	—				14
	Samungli (Quetta)						9
	Chaman	0	+ 9				—
	Nushki	—	—				4
	Dalbandin	— 1	+ 5				7
Kalat	Kalat	9	+ 3				—
	Khuzdar						
	Panjgur						

† 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 is rainfall since 0000 hrs. G.M.T of the same day

Whenever given for RRR see the summary above is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 26th JULY, 1967.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oI_o$ GG	N dd ff	VV ... W	PPP TT	$N_hC_LhC_MC_H$	D.V. a PP	8 $N_sC_sh_s$	O, T T, T_dT	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isoboric Levels: Surface PPPTTTdTdTd	1000 mb HHH TTTdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHH TTT	200 mb	150 mb	100 mb
1	3	4	5	6	7	8	9	10	11	12	13	14	15	
Bogra ...	00 00													
Chittagong ...	00 00	994 269 248	...	...	340 195 175	...	307 625 125	...	580 000 999	...	972 732	235 960	440 110	...
Dacca ...	00 00	995 280 269	...	...	136 190 100	...	304 112 999	...	576 540 999	...	961 772	241 ///	/// ///	...
Jiwani ...	00 00	986 282 262	...	...	145 265 999	...	305 152 999	...	578 540 999	752 612 999	966 736	250 945	487 077	...
Karachi ...	00 00	MISDA	...	...	..	...	..	...	582 520 999	...	...	...	///	...
Lahore ...	00 00	"	...	...	"	...	"	...	...	...	...	...	...	...
Multan ...	00 00	"	...	...	"	...	"	...	...	...	...	...	...	...
Peshawar ...														
Quetta ...	00 00	..	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TTT T_dT T_d	Max Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18 19 20 21 22 23 24 25 26	27	28	29
Bogra ...					
Chittagong ...	00 00		401 189 999	...	...
Dacca ...	00 00		241 /// ///	...	...
Jiwani ...	00 00	900 /// /// 800 /// /// 600 /// /// 550 /// /// 950 /// ///	437 077 999	...	...
Karachi ...	00 03	MISDA	...	...	...
Lahore ...	00 00	.. ..	...	...	...
Multan ...	00 00	"	...	...	...
Peshawar ...					
Quetta ...	00 00	.. ..	...	...	...

PPP—Pressure in hundreds tens and units of millibars.
TTT, TdTdTd; Dry Bulb; Dew Point temperature (in tenths 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. → / 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	At 0000 hrs. G.M.T. of date (date ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 G.M.T. of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	5.4	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	
Bogra ...	05 04	08 04	10 09	10 13	11 25	10 17	10 17	06 36	...	07 05	08 05	09 10	...	...	...	...	10 05	09 10	08 13	09 28	10 33	...	...	...	...	...	...
Chakiala ...	...	08 02	15 02	18 05	25 07	36 05	02 11	14 07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	20 18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittgong ...	16 35	16 38	17 25	...	...	...	...	...	...	14 23	14 37	14 35	13 22	13 35	13 31	14 17	14 19	14 19	15 33	14 47	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	14 23	15 29	15 26	16 19	17 16	20 18	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	15 09	13 10	13 13	13 14	...	...	...	...	...	10 09	10 09	10 09	...	...	...	08 12	09 17	09 19	11 19	11 33	11 32	/// ///	12 35	...	...	...	...
Dalbandin ...	...	...	07 06	07 07	07 10	05 66	...	...	...	...	...	09 10	21 18	10 08	...	...	...	07 11	06 16	05 19	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	21 08	19 07	34 07	28 08	...	...	...	...	02 07	20 07	...	...	...	...	...	34 06	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	10 03	10 12	02 11	...	...	...	...	...	...	26 07	34 05	08 04	...	...	...	05 05	09 08	07 07	32 21	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	03 08	03 10	04 08	06 07	07 11	09 17	09 11	04 19	04 28	...	...	...	...	...	...	...	...	...
Jessore ...	11 11	10 17	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	09 15	05 27	09 29	10 29	...	...	...	...	...	...	...	...
Jhelum ...	31 18	33 34	33 27	...	...	...	...	...	...	...	...	...	...	...	...	13 08	13 04	14 08	14 11	03 04	15 03	36 04	02 05	15 15	...	...	...
Jiwani ...	17 16	24 09	26 12	32 09	31 10	33 10	...	...	...	...	...	...	...	...	...	14 06	35 07	31 14	34 15	35 13	01 07	...	...	...	...	...	...
Karachi ...	No	Ascent	...	...	...	...	...	...	...	04 09	...	...	...	...	...	05 12	04 16	...	...	...	...	...	...	...	...	...	...
Khanpur ...	33 16	01 24	01 02	...	...	...	...	...	...	No	Ascent	...	...	...	...	10 04	09 09	28 08	09 21	12 25	...	...	...	...	...	...	...
Lahore ...	16 16	17 41	17 10	16 08	...	...	...	...	...	16 10	15 10	15 09	...	...	...	13 07	15 09	14 09	14 09	...	...	...	...	...	...	...	...
Multan ...	11 07	11 07	11 07	11 07	17 05	21 07	05 06	07 17	27 23	15 07	16 07	16 08	16 09	...	...	17 07	20 06	20 06	25 06	23 05	25 02	...	...	...	...	...	...
Nawab Shat ...	34 23	02 27	04 25	06 21	...	...	...	...	...	04 15	03 18	02 28	05 27	05 28	09 24	09 10	08 16	08 15	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	05 08	11 05	18 10	26 19	34 13	01 11	01 15	...	05 09	10 07	...	...	...	...	...	07 05	...	...	...	...	...	...	...	...	...	...
Salmungli ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21 05	19 07	12 02	31 07	26 32	...	...	...
Sargodha ...	10 03	12 03	12 03	28 03	28 03	...	...	...	...	36 05	07 05	09 05	10 11	...	...	11 12	08 16	10 14	10 24	...	10 22	...	...	...	...	...	...
Sylhet ...	31 06	10 03	09 09	10 12	10 15	08 18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The exact time of observation 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 ...	MISDA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

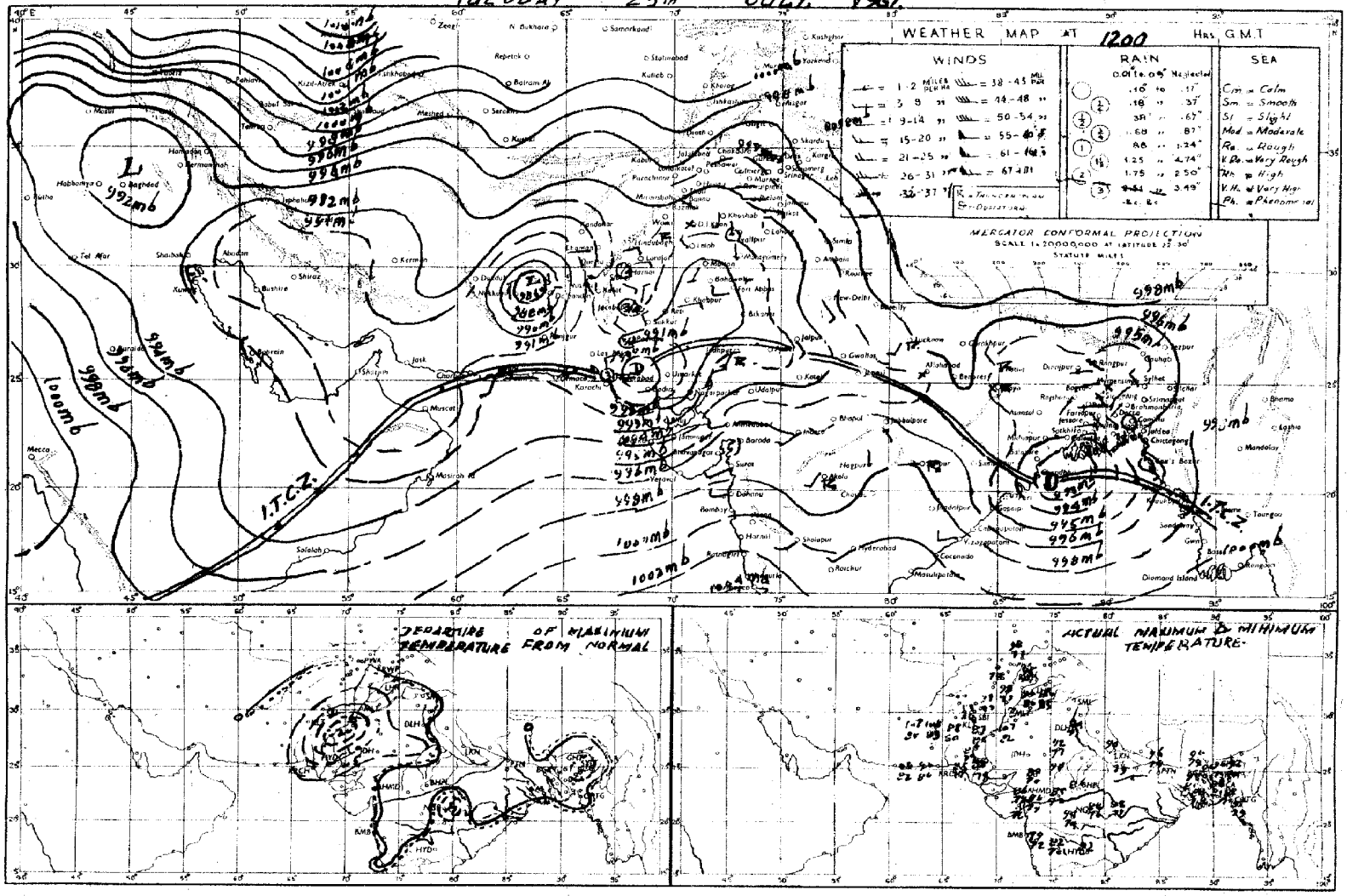
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North throughout East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots. 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained if necessary on application to the Meteorologists Weather Central Air Ports KARACHI-6.

PAKISTAN DAILY WEATHER MAP

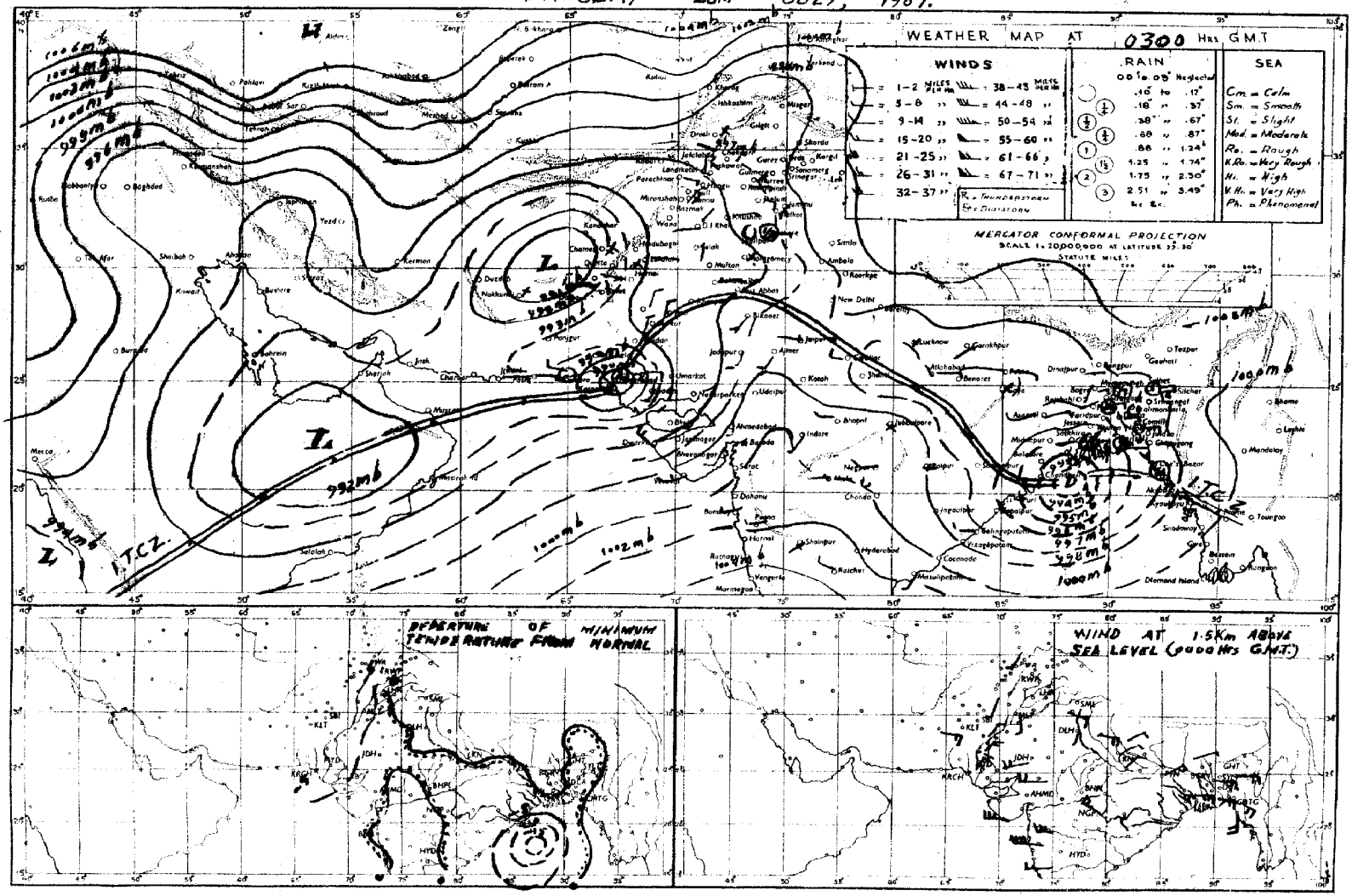
TUESDAY 25th JULY, 1967



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 26th JULY, 1967.



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

Pages 1—2 Rs. 3/-
Pages 1—4 Rs. 5/-

Reg. No. S-1467
Volume No. 21

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 27th JULY, 1967.

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

Yesterday's depression over North Bay of Bengal moved west northwestwards, intensified into a deep depression and was centred at 26,1200 GMT within one degree of Latitude 20.5 degrees North and Longitude 87.5 degree East. Observations are lacking but believe the depression moved further westnorthwest-wards and is centred at 27,0300 GMT about 80 miles north of Cuttack. It is likely to continue move same direction.

Yesterday's depression south of Karachi remained practically stationary weakened and lay at 26,1200 as a low pressure area over Karachi division and adjoining North Arabian Sea. It weakened further and now lies at 27,0300 GMT as a trough of low pressure over northern sector of Arabian Sea and adjoining areas.

Based on available data fairly widespread rain/thundershowers have occured in Khulna division, scattered elsewhere in East Pakistan and in Rawalpindi, Peshawar and Karachi divisions. A few falls of light rain have also occurred in Hyderabad and Khairpur divisions. No data is available from other diviosions of West Pakistan.

Chief amounts of rainfall are: Jhelum 1¼"; Srimangal, Khulna, Satkhira and Karachi 1" each; Dinajpur 3/4", Cox's Bazar and Peshawar ¼" each.

Day temperatures were 3—6°F (2—3°C) above normal in Dacca, Khulna and Rajshahi divisions. No data is available form Chittagong and other divisions of West Pakistan.

Forecast valid until the evening of 28th July 1967:- Fairly widesprad rain/thundershowers with locally moderate to heavy falls are likely to occur in Khulna, Rajshahi, Lahore and Rawalpindi divisions, local in Dacca, Chittagong, Peshawar and Sargodha divisions and in Kashmir and scattered elsewhere over West Pakistan.

Karachi-11
The 27th July, 1967.

(N. A. QURESHI)
for Director, Meteorological Services.

OBSERVATIONS

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

Divisions (1)	Stations (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 f (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	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx (16)
Chittagong	Rangamati	—	...	...	...	...	...	...	...	...	...	...							
	Cox's Bazar	—	004	6	7	17	10	97	03	6	952	82	4	4	4	8	0	76	88
	Chittagong	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Majidee Court	—																	
	Comilla	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sylhet	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Srimangal	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	...	000	0	5	13	02	97	02	2	959	90	5	4	7	0	0	79	92
	Narayanganj	...	000	0	8	12	05	96	03	2	949	88	8	7	2	/	/	79	94
	Dacca (Tejgaon)	—	002	4	2	09	05	97	04	6	947	68	4	3	8	2	0	77	96
	Faridpur	—	005	0	7	16	02	97	02	6	926	85	5	5	1	0	0	79	92
Khulna	Barisal	—	...							...						...			
	Khulna	—	100	4	3	69	05	97	02	6	933	82	0	0	7	4	0	76	93
	Satkhira	—	070	0	6	65	11	96	00	6	917	81	6	4	4	0	0	81	96
	Jessore	—	004	6	7	09	12	97	07	6	938	85	5	3	4	4	8	77	90
Rajshahi	Pabna	—	000	0	4	09	05	99	01	2	926	86	0	2	9	0	3	75	92
	Sirajganj	—	000	0	6	08	03	97	02	2	936	88	6	4	5	0	0	81	92
	Rajshahi	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bogra	—	...					...	...		...	...				...	...	...	...
	Dinajpur	—	000	9	2	9	02	96	01	1	938	90	2	0	9	2	0	81	92
	Rangpur	—																	
Kashmir	Jammu	...																	
Lahore	Lahore (Jail Rd.)	...	007	6	7	00	00	96	05	5	945	87	4	4	6	2	1	79	93
	Sialkot	—	057	4	0	01	30	98	00	0	944	89	0	8	7	0	0	87	xx
Rawalpindi	Jhelum	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Islamabad	—																	
	Rawalpindi	—	000	0	6	18	03	97	02	2	916	96	4	2	7	6	0	74	96
	Campbellpur	—																	
Sargodha	Khushab	—	000	0	2	09	07	97	02	2	931	92	5	5	7	0	0	75	99
	Sargodha	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lyallpur	—	000	2	5	36	02	96	02	9	925	90	5	9	8	8	2	77	98
Multan	Sahiwal	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Multan	—	000	0	7	27	02	97	02	2	882	95	2	6	6	7	0	76	97
	Leiah	—																	
Bahawalpur	Khanpur	—	000	0	7	00	00	96	05	2	919	00	7	8	5	8	0	73	00
	Bahawalpur	—	000	0	3	00	02	96	80	0	930	01	0	9	9	0	0	68	03
	Fort Abbas	—	000	0	2	33	02	98	21	9	919	10	0	0	9	2	0	70	02
Peshawar	Chakdara	—																	
	Peshawar	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Haripur	—																	
D. I. Khan	Bannu	—	000	0	9	02	08	97	83	0	937	88	0	0	9	x	x	67	93
	D. I. Khan	—	000	0	0	00	00	96	00	0	983	99	0	0	9	0	0	71	xx
Quetta	Sibi	—	000	0	6	13	08	97	03	1	944	52	6	2	9	6	5	48	05
	Nokkundi	—	000	0	2	31	09	96	05	0	893	05	2	7	9	6	6	51	07
Kalat	Turbat	—	000	0	6	27	03	97	01	0	885	02	5	5	5	3	0	72	02
	Jiwani	—	000	0	8	23	09	96	05	1	901	87	8	0	9	2	/	60	89
	Pasni	—	050	0	6	22	34	96	87	1	893	88	6	9	5	0	0	78	88
Karachi Division	Ormara	—	039	0	7	27	13	95	51	5	912	81	7	9	4	0	0	80	84
	Lasbela	—																	
	Karachi (Manora)	—																	
	Karachi (Airport)	—	015	3	9	23	06	96	68	5	909	80	4	7	4	2	0	79	85
Hyderabad	Nagarparkar	—	000	0	8	31	05	96	68	1	926	82	4	5	7	0	0	80	86
	Ghoro	—	001	3	7	18	09	97	02	5	924	87	7	5	6	0	0	75	89
	Hyderabad	—	000	0	8	13	09	97	02	2	913	89	8	6	5	0	0	77	84
	Badin	—	000	0	8	20	11	98	92	0	935	80	8	6	6	0	0	79	83
Khairpur	Padidan	—	000	0	7	13	07	97	08	2	922	87	4	4	7	2	0	77	88
	Nawabshah	—	004	8	7	19	07	96	50	2	927	85	7	6	3	0	0	79	85
	Sukkur	—	000	3	6	31	02	96	03	2	928	95	6	0	9	9	0	75	96
	Kashmore	—	000	0	4	06	05	98	03	2	921	93	1	1	6	0	8	76	94
	Jacobabad	—	000	0	7	09	10	97	02	2	939	93	3	0	6	2	0	80	97
Junagadh	Veraval	—																	
	HILL STATIONS																		
Kashmir	Srinagar	* —																	
	Gulmarg	** ...																	
	Sonamarg	** ...																	
	Dras	** —																	
	Leh	** —																	
	Skardu	** —																	
	Misgar	* —																	
	Aliabad	* —																	
	Gilgit	* —																	
Rawalpindi	Murree	* —	007	2	8	23	03	96	08	6	402	87	8	5	3	x	x	56	88
Peshawar	Drosh	* —	000	0	5	23	16	97	01	1	347	93	2	2	7	6	0	57	98
	Cherat	* —	000	0	8	36	62	96	82	2	395	80	8	4	6	0	0	70	84
	Kakul	* —	000	0	5	17	03	97	03	1	395	89	8	3	4	0	0	69	89
	Landikotal	* —	000	0	8	09	67	94	03	0	377	81	8	8	6	0	0	66	96
	Parachinar	* ...	00[illegible]	9	7	13	07	96	17	9	407	71	5	9	4	2	0	61	80
D.I. Khan	Miranshah	* —	001	1	8	05	05	98	03	6	xxx	xx	8	2	8	0	0	71	94
	Wana	* —																	
Quetta	Fort Sandeman	* —	015	2	8	18	02	xx	xx	x	399	69	8	5	5	0	0	64	71
	Hindubagh	* ...	000	0	8	07	03	92	03	0	380	62	8	8	5	0	0	78	90
	Loralai	* ...	000	0	4	13	04	96	02	2	268	84	0	0	9	2	0	62	91
	Barkhan	* ...	000	0	0	13	03	97	02	0	510	85	0	0	9	0	0	23	95
	Harnai	* ...	000	0	6	30	12	93	02	2	875	82	0	4	6	4	0	67	94
	Samungli (Quetta)	* —	000	0	4	23	10	96	03	0	408	95	4	1	7	0	0	56	87
	Chaman	* —	000	0	4	13	17	98	07	5	274	87	8	4	6	8	9	61	96
	Nushki	* —	000	3	3	13	05	97	01	2	401	07	3	0	8	1	1	58	09
	Dalbandin	* —	000	8	2	06	02	95	05	4	358	09	2	0	9	3	0	61	08
Kalat	Kalat	* —	000	0	5	31	02	98	01	0	374	18	5	6	7	0	0	45	80
	Khuzdar	* —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Panjgur	* —																	

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

Stations (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 f (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths) PPP (28)	Dry Bulb temperature 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)
Rangamati	000	0	3	18	05	98	01	1	010	88	1	8	7	2	1	76	81
Cox's Bazar	068	9	8	13	18	96	61	6	989	81	7	7	3	2	x	76	77
Chittagong	008	9	7	15	20	97	02	6	994	84	5	3	9	4	0	76	77
Majidee Court																	
Comilla	000	0	4	18	05	96	02	1	990	86	4	4	9	0	9	74	76
Brahmanbaria	000	0	6	09	07	97	05	1	999	86	0	0	9	0	6	76	81
Sylhet	000	0	8	09	06	97	02	2	003	86	6	9	4	2	x	81	81
Srimangal	109	9	6	12	03	56	02	9	008	84	5	5	9	3	0	77	77
Mymensingh	015	0	4	13	02	97	02	1	011	86	4	5	7	0	6	79	79
Narayanganj	000	0	5	13	04	97	02	0	xxx	xx	4	7	4	8	1	76	81
Dacca (Tejgaon)	002	9	7	13	05	97	02	2	991	86	3	8	5	3	1	74	81
Faridpur	005	0	6	11	11	97	02	2	973	84	4	4	5	1	0	70	xx
Barisal	012	4	5	09	05	xx	02	6	039	85	8	7	6	0	0	79	76
Khulna	117	6	3	05	05	97	02	2	070	82	0	9	7	4	0	79	79
Satkhira	111	0	5	05	01	96	00	0	948	82	4	3	1	2	0	79	79
Jessore	004	0	7	09	04	97	00	2	967	84	7	6	3	3	0	79	81
Pabna	000	0	4	09	13	99	01	2	977	86	4	8	7	0	0	63	81
Sirajganj	000	0	7	09	05	98	02	2	988	84	7	4	8	4	0	76	82
Rajshahi	000	[illegible]	5	09	16	97	02	2	977	88	x	5	x	0	5	xx	81
Bogra	000	0	6	09	13	96	01	2	983	86	7	5	4	3	1	74	79
Dinajpur	000	2	5	09	02	91	00	1	989	88	5	0	9	2	x	77	76
Rangpur	016	5	7	15	02	96	03	6	098	84	7	0	9	2	0	81	81
Jammu																	
Lahore (Jail Rd.)	000	0	4	15	02	96	01	2	994	85	3	5	6	3	0	78	82
Sialkot																	
Jhelum	155	7	7	36	02	97	05	9	001	75	4	5	6	7	0	72	72
Islamabad																	
Rawalpindi	244	[illegible]	8	05	02	96	63	9	022	73	4	5	6	0	0	71	72
Campbellpur																	
Khushab	000	0	4	09	02	99	01	2	956	85	4	5	9	0	0	78	74
Sargodha	000	0	4	09	03	97	07	9	993	84	1	1	6	2	0	77	xx
Lyallpur	000	9	4	07	02	96	02	9	955	xx	0	0	0	0	4	79	80
Sahiwal	000	0	1	00	00	96	01	2	975	87	1	0	9	9	0	79	86
Multan	045	2	6	60	00	97	17	6	977	83	4	9	5	7	0	79	81
Leiah																	
Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Abbas	000	3	7	27	03	98	02	9	965	92	5	0	9	0	7	73	84
Chakdara																	
Peshawar	050	9	6	05	03	97	03	9	994	02	0	6	4	2	x	75	xx
Haripur																	
Bannu	...					...		...	...	...		...					...
D. I. Khan	002	3	5	05	01	97	01	0	984	85	5	5	8	0	0	76	80
Sibi	000	0	6	00	00	97	03	1	993	86	0	2	9	5	2	02	85
Nokkundi	000	0	7	13	03	98	05	0	927	89	0	0	9	0	1	41	85
Turbat	000	0	2	00	00	97	00	0	965	86	2	5	5	0	0	79	83
Jiwani	000	0	7	16	08	96	02	1	980	83	3	6	4	1	0	77	82
Pasni	000	0	6	29	05	97	02	1	955	81	3	6	5	0	0	76	79
Ormara	000	0	5	27	05	96	01	2	948	84	4	2	5	3	0	78	xx
Lasbela																	
Karachi (Manora)																	
Karachi (Airport)	090	5	8	09	05	96	50	6	963	80	5	6	4	2	1	72	62
Nagarparkar	000	0	0	31	07	96	01	0	962	83	0	0	9	8	0	83	78
Ghoro	090	0	2	16	07	96	03	0	973	82	1	8	5	3	0	76	78
Hyderabad	004	9	8	09	03	97	03	3	972	80	1	6	5	2	0	77	70
Badin	000	0	3	33	03	98	01	0	983	78	2	3	6	0	0	77	76
Padidan	000	0	3	13	02	97	03	0	978	81	2	1	7	3	0	77	78
Nawabshah	004	8	7	09	02	96	02	2	974	80	7	8	9	0	0	78	79
Sukkur	000	9	1	16	05	97	01	1	974	85	1	0	9	9	0	76	81
Kashmore	000	0	0	18	02	98	02	0	964	86	0	0	9	0	0	79	82
Jacobabad	000	0	7	18	02	97	08	0	973	85	3	5	6	2	0	81	85
Veraval																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	112	9	8	12	09	96	61	9	449	85	8	5	2	x	x	56	67
Drosh	000	0	2	00	00	98	01	1	420	88	2	2	7	0	0	61	77
Cherat	011	3	8	36	01	92	03	6	440	68	8	6	7	0	0	68	88
Kakul	102	9	7	09	02	95	95	9	442	88	7	9	3	0	0	67	66
Landikotal	200	8	3	31	03	94	83	0	417	58	0	0	9	7	2	70	xx
Parachinar	...	...		...	...	...	...		...	...	...	...	...	...	...	...	...
Miranshah	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	
Wana																	
Fort Sandeman	015	0	8	00	00	97	03	9	453	73	0	0	6	3	0	67	71
Hindubagh	000	0	7	00	00	96	03	0	450	74	7	7	6	0	0	55	70
Loralai	000	0	6	05	02	96	02	2	410	73	0	0	9	3	2	69	67
Barkhan	000	0	0	18	09	97	03	0	451	78	0	0	9	0	0	78	69
Harnai	000	0	6	00	00	15	03	0	420	80	0	4	6	4	0	73	77
Samungli (Quetta)	000	0	1	23	07	96	06		408	74	1	1	9	0	0	59	71
Chaman	000	0	0	05	00	98	02	3	413	84	0	0	9	2	6	63	78
Nushki	008	0	0	13	02	98	00	1	380	96	0	0	9	0	0	40	85
Dalbandin	008	0	4	18	02	94	06	4	395	92	4	0	9	3	0	67	86
Kalat	080	0	4	16	02	98	03	0	406	70	4	6	7	0	8	43	63
Khuzdar	080	0	8	17	02	96	01	1	375	75	5	5	5	2	x	66	72
Panjgur																	

Departure from Normal of / Rainfall

Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1967 to-date (39)	Departure from normal (40)	Since 1st January 1967 to-date (41)	Annual Normal (42)
Rangamati	—	—	34,1	—	35,6	—
Cox's Bazar	+ 3	+ 1	24 9	— 36.7	46,5	
Chittagong		0	41.4	+ 0,2	54.4	140
Majidee Court						108
Comilla		— 1	38,7	— 3,1	52.4	115
Brahmanbaria		—	24,9	— 1,8	47,8	94
Sylhet		—	60,6	—	92.2	78
Srimangal		+ 1	—		—	—
Mymensingh	+ 5	+ 1	25,0	— 6,6	88,7	98
Narayanganj	+ 6	+ 2	18 4	— 4,3	88,4	91
Dacca (Tejgaon)	—	—	19,5	—	39,8	74
Faridpur	+ 3	—	26,4	+ 0 1	21,7	—
Barisal		— 3	28,6	— 4,6	27.2	71
Khulna	+ 6	+ 1	19,1	— 6,0	34,4	81
Satkhira	+ 2	+ 1	14,9	— 9,2	24,8	69
Jessore	—	—	14,4	— 6.3	21.3	65
Pabna	—		23.3		33,9	65
Sirajganj	+ 5	+ 3	17.6	— 9,7	35.3	59
Rajshahi		+ 3	17.4	— 3,3	25,1	64
Bogra		0	30.2	+ 7,6	48,7	—
Dinajpur	+ 2	+ 3	22,2	— 5,0	36,0	69
Rangpur		+ 3	27,7	— 4,4	47,3	12
Jammu						84
Lahore (Jail Rd.)	+ 2	+ 2	—	—	—	—
Sialkot						19
Jhelum	—	—	—		—	32
Islamabad						—
Rawalpindi	— 5	— 5	—	—	—	—
Campbellpur						34
Khushab	— 6	— 5	—			—
Sargodha	—		—	—	—	15
Lyallpur	— 2	— 2	—	—	—	—
Sahiwal	+ 3	+ 3	—		—	12
Multan	— 4	— 4	—	—	—	10
Leiah						7 8
Khanpur						6
Bahawalpur						6
Fort Abbas	—		—	—	—	8
Chakdara						—
Peshawar	—	—	—	—	—	11
Haripur						—
Bannu						11
D. I. Khan	—	—	—		—	9
Sibi	—	—	—	—	—	5
Nokkundi	—	—	—	—	—	3
Turbat	—	—	—	—	—	—
Jiwani	—	—	0	—	3,1	5
Pasni	+ 1	+ 1	—	—	—	6
Ormara	—	—	—	—	—	6
Lasbela						8
Karachi (Manora)						9
Karachi (Airport)	—	—	13,8	—	19,9	—
Nagarparkar	—	—	—	—	—	—
Ghoro	—	—	—	—	—	7
Hyderabad	— 10	— 2	—	—	—	9
Badin	— 5	— 5	—		—	
Padidan	—	—	—	—	—	—
Nawabshah	—	—	2,2	—	3,2	—
Sukkur	—	—	—	—	—	4
Kashmore	—	—	—	—	—	—
Jacobabad	+ 1	+ 1	—	—	—	4
Srinagar						20
Gulmarg						26
Sonamarg						—
Dras						71
Leh						26
Skardu						3
Misgar						6
Aliabad						—
Gilgit						—
Murree	— 20	—	—	—	—	5
Drosh	+ 4	+ 4	—	—	—	59
Cherat	—	— 3	—	—	—	18
Kakul	—	—	—	—	—	29
Landikotal	—	—	—	—	—	—
Parachinar						29
Miranshah						13
Wana						11
Fort Sandeman	+ 5	+ 5	—	—	—	11
Hindubagh	—	—	—	—	—	—
Loralai	—	—	—	—	—	8
Barkhan	—	—	—	—	—	—
Harnai	—	—	—	—	—	14
Samungli (Quetta)	—	—	—	—	—	9
Chaman	— 4	+ 3	—	—	—	
Nushki	—	—	—	—	—	8
Dalbandin	+ 8	+ 8	—	—	—	—
Kalat	+ 2	+ 2	—	—	—	4
Khuzdar	—	—	—	—	—	7
Panjgur						—

† 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. is rainfall since 0300 hrs. G.M.T of the same day.

Whenever given for RRR see the summary above is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 27th JULY, 1967.

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.V. a PP	8 $N_sCh_sh_s$	O.T T. T_dT	$Id_ad_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isoboric Levels: Surface PPPTTTdTdTd	1000 mb HHH TTTdTd	900 mb HHH TTTdTd	850 mb HHH TTTdTd	800 mb HHH TTTdTd	700 mb HHH TTTdTd	600 mb HHH TTTdTd	500 mb HHH TTTdTd	400 mb HHH TTTdTd	300 mb HHH TTT	200 mb HHH TTT	150 mb HHH TTT	100 mb HHH TTT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...														
Jiwani ...	00 00	998 382 252	...	...	134 232 225	...	304 128 128	...	576 565 999	747 645 999	947 781 ///	241 970 ///	...	...
Karachi ...	00 00	993 368 269	...	...	140 209 999	...	304 155 999	...	580 502 999	756 612 999	979 750	256 920	...	...
Lahore ...														
Multan ...														
Peshawar ...														
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT TdT Td	Max Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18 19 20 21 22 23 24 25 26	27	28	29
Bogra ...					
Chittagong ...					
Dacca ...					
Jiwani ...	00 00	900 255 235 / 800 205 185 / 600 038 028	241 970 999	...	...
Karachi ...	00 00	900 012 215 / 800 015 015 / 600 008 818	256 920 999	...	...
Lahore ...					
Multan ...					
Peshawar ...					
Quetta ...					

Pi P—Pressure in hundreds tens and units of millibars.
Ti T; TdTdTd; Dry Bulb; Dew Point temperatures (in tenths of °C.)
Ts—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	At 0000 hrs. G.M.T. of date (dddd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 G.M.T. of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	5.4	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
Bogra																										
Chaklala										11 07	11 27	12 30	10 31	10 32	...	11 15	11 21	12 26	11 29	11 31	11 29					
Chhor	17 14	16 17	16 17							No	Ascent															
Chittgong																										
Cox's Bazar										04 31																
Dacca										15 16	15 17	17 17	16 15													
Dalbandin			05 04	05 06	05 04					13 21	13 27	13 29	11 35	12 27	13 30	11 22	11 21	11 20	11 32							
D. I. Khan												06 07	16 25	05 17	07 07			18 09	14 08	16 06	01 23	05 10	06 23	06 10	13 07	
Drosh																										
Fort Sandeman					22 13	19 10																				
Jacobabad	13 06	12 08	12 10	05 06	18 03	14 07																				
Jessore	10 23	10 37	11 19	13 15	19 19	09 18	09 13	13 06	92 02	35 03	06 06	09 08	09 13	08 15	07 02											
Jhelum	12 09	13 15	17 08	12 41						12 26	12 27															
Jiwani				26 10	01 04	30 14	09 05	01 09	04 05																	
Karachi																										
Khanpur	15 03	15 03	13 04	12 08	11 13	12 06				No	Ascent															
Lahore	09 04	14 08	14 10	17 08	16 08					20 06	22 07	23 09														
Multan	05 04	20 06	18 10	14 11	12 15					13 06	15 15	15 13	15 10													
Nawab Shah										11 06	13 02	20 04	25 01	22 02												
Panjgur										12 08	11 09	01 12	09 15													
Peshawar																										
Sialmuengli																										
Sargodha					05 09	16 08	03 10	03 08																		
Sylhet																										
Veraval										09 08	09 05	09 07	10 11			08 12	10 16	10 19								

* The exact time of observation 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	14 15	12 15	12 13	11 14	09 13	10 17	09 07	08 15	07 15	09 17	09 17	12 22	...	...	...	...	...	...
Peshawar																		
Quetta																		

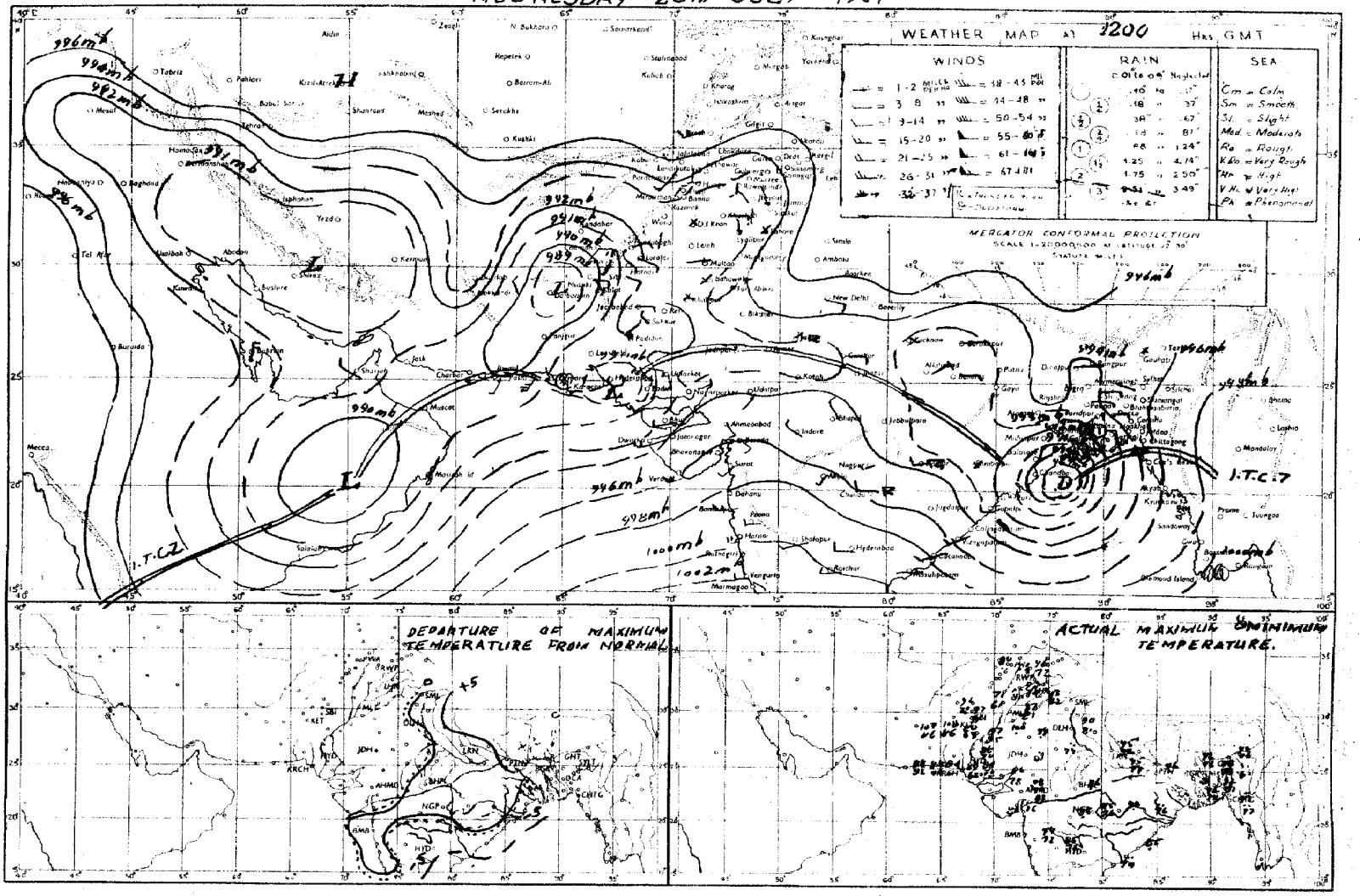
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North throughout East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vtvt 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 Ports KARACHI-6.

PAKISTAN DAILY WEATHER MAP

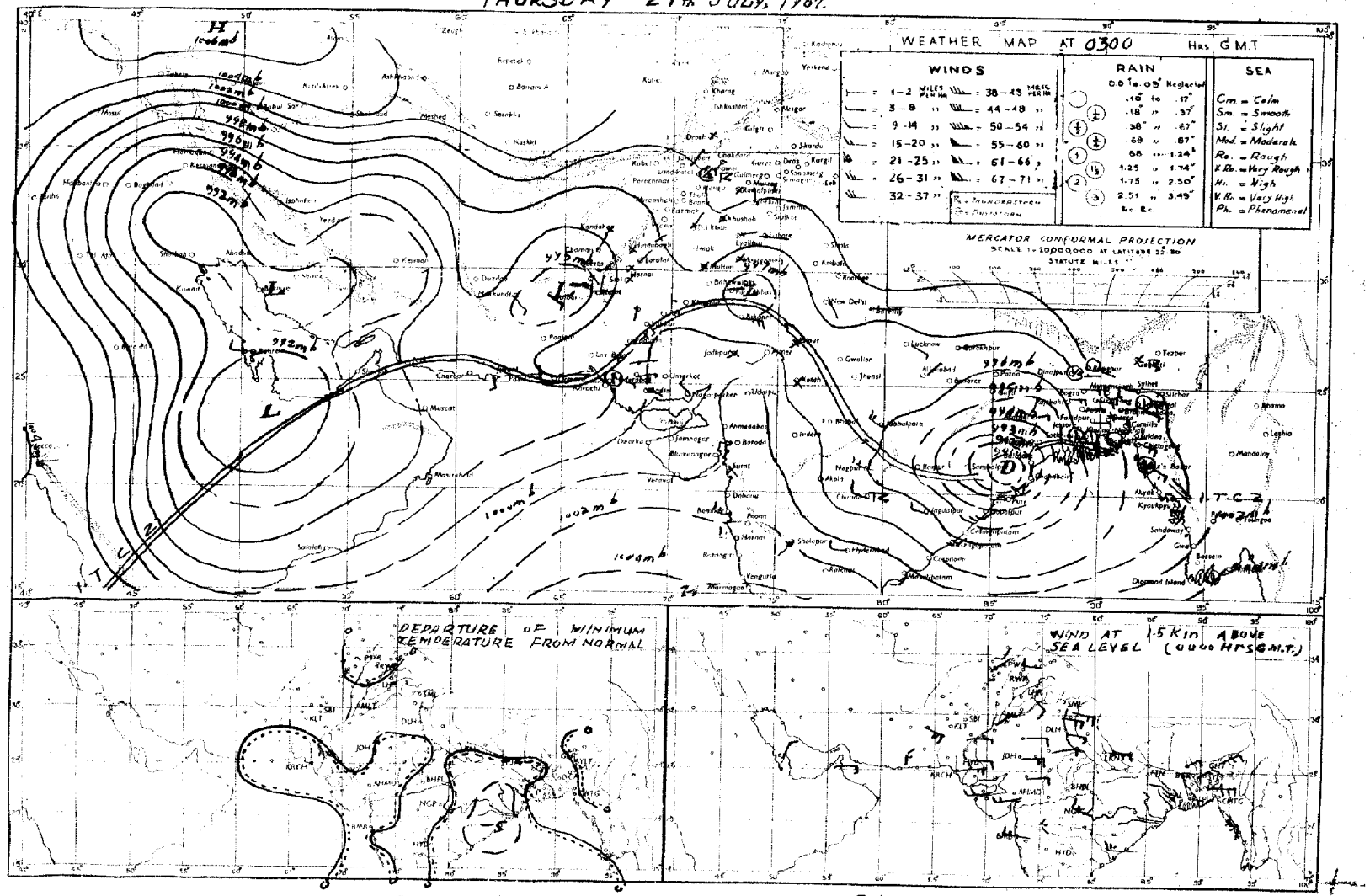
WEDNESDAY 26th JULY 1967



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

THURSDAY 27th JULY, 1967.



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

Peges 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

FRIDAY THE 28th JULY, 1967.

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

Yesterday's deep depression moved west north west wards and was centred at 27,1200 GMT about 20 miles south of Champa. It moved further west northwestwards and is centred at 28,0300 GMT about 70 miles north of Nagpur. It is likely to continue more in the same direction.

The trough of low pressure over north Arabian Sea persists.

Observations are lacking but belive a western disturbance is moving across Russian Turkistan north of Afghnistan. Based on available data, fairly widespread rain/thundershowers have occured in Dacca, Khulna and Bhawalpur divisions, local in Rawalpindi and scattered in Chittagong, Rajshahi, Lahore, Sargodha and Peshawar divisions. A few thunderstorms or light rain have also occured in Multan and Karachi divisions.

Chief amounts of rainfall are: Cox's Bazar 4", Lyallpur 3", Khulna 1¾", Narayanganj 3/4", Dacca, Fort Abbas and Parachinar ¼" each, Faridpur, Satkhira, Jessore, Lahore, Jhelum, Rawalpindi and Bhawalpur ¼" each.

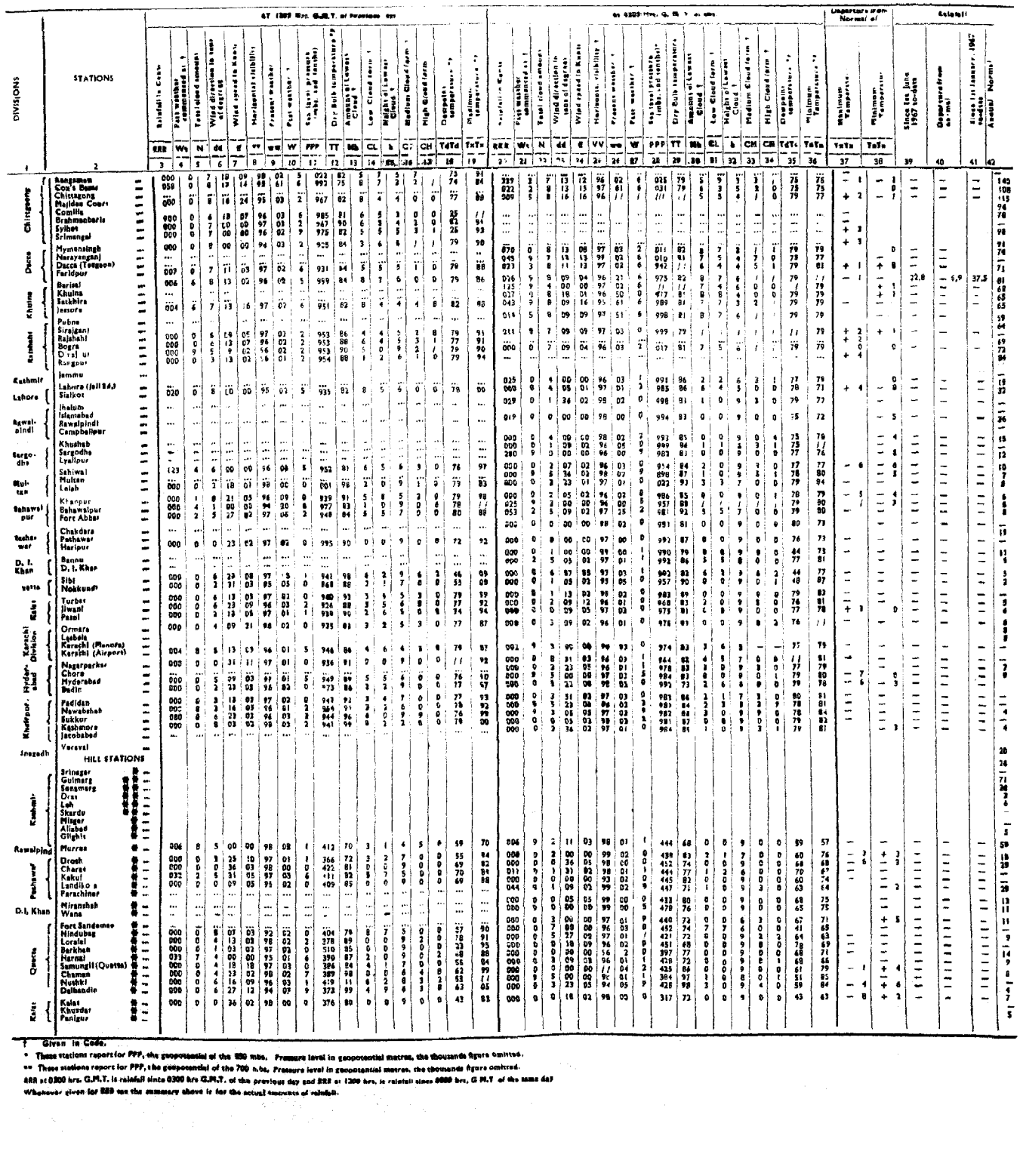
Day temperatures were 3—4°F (2°C) above normal in East Pakistan. No data is available from stations West Pakistan.

Forecast valid until the evening of 29th July 1967:- Fairly widesprad rain/thundershowers are likely to occur in Khulna, Rajshahi, Dacca, Hyderabad and Rawalpindi divisions local in Chittagong, Karachi, Khairpur, Bhawalpur, Multan and Lahore divisions and scattered in Kashmir and elsewhere in West Pakistan outside Kalat division.

Karachi-11
The 28th July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meteorological Services.



† 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. is rainfall since 0000 hrs. G.M.T. of the same day

Whatever given for RRR on the summary above is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 28th JULY, 1967.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L₂L₂L₂	L₀L₀L₀ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$O_sTT_sT_dT$	$I_dd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
BAY OF BENGAL										
Graceoal	52 101	079 12	4 18 15	98 93 2	104 29	41 4 //	58 1 01	...	00 0 24	11 8 43
Ocean Bairgy	33 096	040 06	6 23 15	97 02 3	027 01	63 4 40	...	...	...	...
Flying Chipper	52 081	083 06	3 02 30	99 01 2	078 38	11 3 3x	57 5 09	...	00 2 28	12 2 23
Fatehabad	31 193	981 08	7 18 00	97 03 3	985 20	74 0 1x	...	...	01 8 22	...
Shunkramen	50 185	030 06	6 14 30	96 02 1	200 24	60 4 xx	24 2 10	...	00 3 18	1 4 33

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTITT$_d$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
			HHH TTT $T_dT_dT_d$								HHH TTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	097 262 242	–	...	140 225 212	...	314 155 155	–	589 035 999	760 550 999	990 645	886 832	493 866	700 003
Dacca ...	00 00	/// /// ///	...	...	142 198 999	–	305 105 990	...	578 335 999	753 618 999	967 745	230 963	436 ///	...
Jiwani ...	00 00	098 272 243	...	...	136 213 190	...	304 128 118	...	570 538 898	752 623 999	967 752	250 953	...	...
Karachi ...	00 00	094 268 253	...	...	140 229 009	...	305 140 999	...	584 043 999	763 550 999	985 638	283 835	479 968	...
Lahore ...	00 00	074 285 242	...	...	141 225 175	...	310 120 035	...	582 560 999	754 658 999	...	...	..	...
Multan ...	00 00	MISDA	...	...	...	...		...	...	...	...	...	–	...
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 PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 245 235	800 202 193	600 100 108	350 590 ///	250 780 ///	...	...	...	...	100 093 ///	...	...
Dacca ...	00 03	/// /// ///	/// /// ///	/// /// ///	/// /// ///	/// /// ///	...	...	...	...	150 /// //	...	...
Jiwani ...	00 00	900 245 233	800 188 168	600 060 ///	350 690 ///	250 830 ///	150 030 ///	...	...	...	156 030 ///	...	...
Karachi ...	00 00	900 289 ///	800 200 ///	600 110 ///	350 580 ///	...	...	...	...	...	150 968 ///	...	...
Lahore ...	00 00	900 252 208	800 202 183	600 040 999	...	—	...	...	...	...	400 655 999	...	...
Multan ...	00 00	MISDA	—	...	...	...	...	...	...	...	...	—	—
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.
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 0000 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	1.8	2.1	3.0	5.4	3.4	6.0	7..	0.9
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 13	12 22	12 28	13 35	...	...	...	...	...																	
Chaklala	...	–	...	...	...	...	...	...	...	10 25	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Chhor	17 14	16 17	16 17	...	...	...	...	...	...	...	11 03	12 07	12 09	12 11	12 11	...	14 03	11 06	10 09	12 09	12 11	35 08	35 07	30 10	26 13	27 23
Chittagong	No	Ascent	...	...	...	...	...	...	...	23 24	23 22	23 19	16 24	17 18	...	13 10	07 12	04 13	06 21	08 13	07 13	—	...	...	...	...
Cox's Bazar	No	Ascent	—	...	...	...	...	...	...	15 29	16 27	...	...	...	...	No	Ascent	...	—	—	...	...	...	...	...	...
Dacca	12 30	13 35	...	...	...	—	...	...	...	16 27	17 29	18 30	...	...	...	No	Ascent	...	...	...	—	...	...	...	...	...
Dalbandin	...	...	07 10	11 03	01 08	...	...	-	...	12 37	...	...	...	...	...	17 30	—	...	...	...	...	...	...	...	...	...
D. I. Khan	...	...	—	...	...	...	...	...	...	...	...	16 08	09 14	22 17	...	...	...	25 08	27 13	27 07	04 19	06 21	06 25	06 27	08 27	...
Drosh	...	.		...	23 15	26 15	...	...	...	...	...	—	...	...	...	...	...	—	...	...	...					...
Fort Sandeman	...			17 05	18 05	27 07	...	-	...	...	—	...	23 05	22 05	20 12	...	...	...	...	31 05	20 05	01 13	33 11	33 13	31 15	...
Jacobabad	05 10	09 05	13 05	10 13	12 21	13 15	...	...	..	...	...	...	22 03	04 03	09 07	...	...		32 03	30 14	29 10	...	...	...	...	...
Jessore	11 14	12 25	13 29	13 26	15 22	...	...	...	...	24 16	04 09	10 12	14 08	14 08	11 13	08 03	35 04	05 08	05 15	07 17	07 10	06 14	08 12	09 10	08 09	07 09
Jhelum	29 02	02 06	23 03	10 10	13 03	09 18	...	...	...	11 24	11 30	...	...	...	...	14 19	15 22	16 19	...	...	...	...	...	...	...	...
Jiwani	22 07	14 10	09 04	09 15	07 30	06 28	11 09	02 12	10 07	34 03	14 05	15 07	12 09	11 10	09 13	02 01	09 02	15 03	16 10	16 13	14 12	06 07	04 04	28 04	24 12	26 22
Karachi	17 12	16 12	14 08	10 14	09 14	...	...	...	...	...	—	—	...	...	...	09 19	10 20	11 20	06 24	06 25	06 31	08 33	09 24	08 21	08 15	12 14
Khanpur	33 13	35 08	21 03	17 08	17 07	...	...	...	...	...	...	...	...	...	...	11 10	10 14	09 16	09 23	...	...	...	...	...	...	...
Lahore	35 02	35 03	36 07	07 07	07 01	...	...	...	...	02 13	03 17	04 18	06 15	10 17	10 09	03 16	04 12	04 12	06 14	06 11	06 16	08 12	02 10	01 21	...	...
Multan	35 03	35 05	36 02	...	...	...	...	...	...	03 06	07 08	12 05	13 07	18 04	...	35 04	27 05	22 06	18 05	13 06	...	...	—	-	...	...
Nawab Shah	14 09	12 05	12 08	10 10	09 10	...	...	...	...	34 04	35 05	01 04	06 04	08 04	05 07	34 03	35 05	36 10	...	...	—	...	—	...	—	...
Panjgur		...	...	...	...	...	...	...	—	33 01	03 07	04 37	07 12	10 16	08 16	34 06	01 08	05 03	07 13	07 15	10 16	07 14	07 16	07 15	09 17	...
Peshawar	...	33 03	20 05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	..	-	...	...
Saimungli	...	..	...	—	18 17	04 8	06 18	...	...	...	36 03	15 03	05 10	12 06	...	...	35 03	09 05	07 10	...	...	...	...	...	...	...
Sargodha	...		...	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	07 06	10 05	15 10	15 12	...	...	...	...	...	29 06	36 09	03 01	07 06	06 10	35 03	02 03	04 03	10 04	11 06	18 10	04 12	06 10	07 05	07 04	29 17	30 06
Veraval	...	...	...	—	...	...	...	-	...	08 06	18 06	16 13	17 19	17 10	14 13	09 06	09 06	14 08	16 18	11 06	05 10	35 09	26 08	27 06	25 07	23 10
										...	...	...	...	...	...	...	...	...	...	14 14	...	...	...	...	...	...

* The actual time of observation may vary within half an hours 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 ...	09 10	11 10	09 12	09 15	09 18	10 22	10 17	08 18	09 17	10 17	09 25	10 19	11 27	10 26	...	...	...	...
Peshawar ...																		
Quetta ...																		

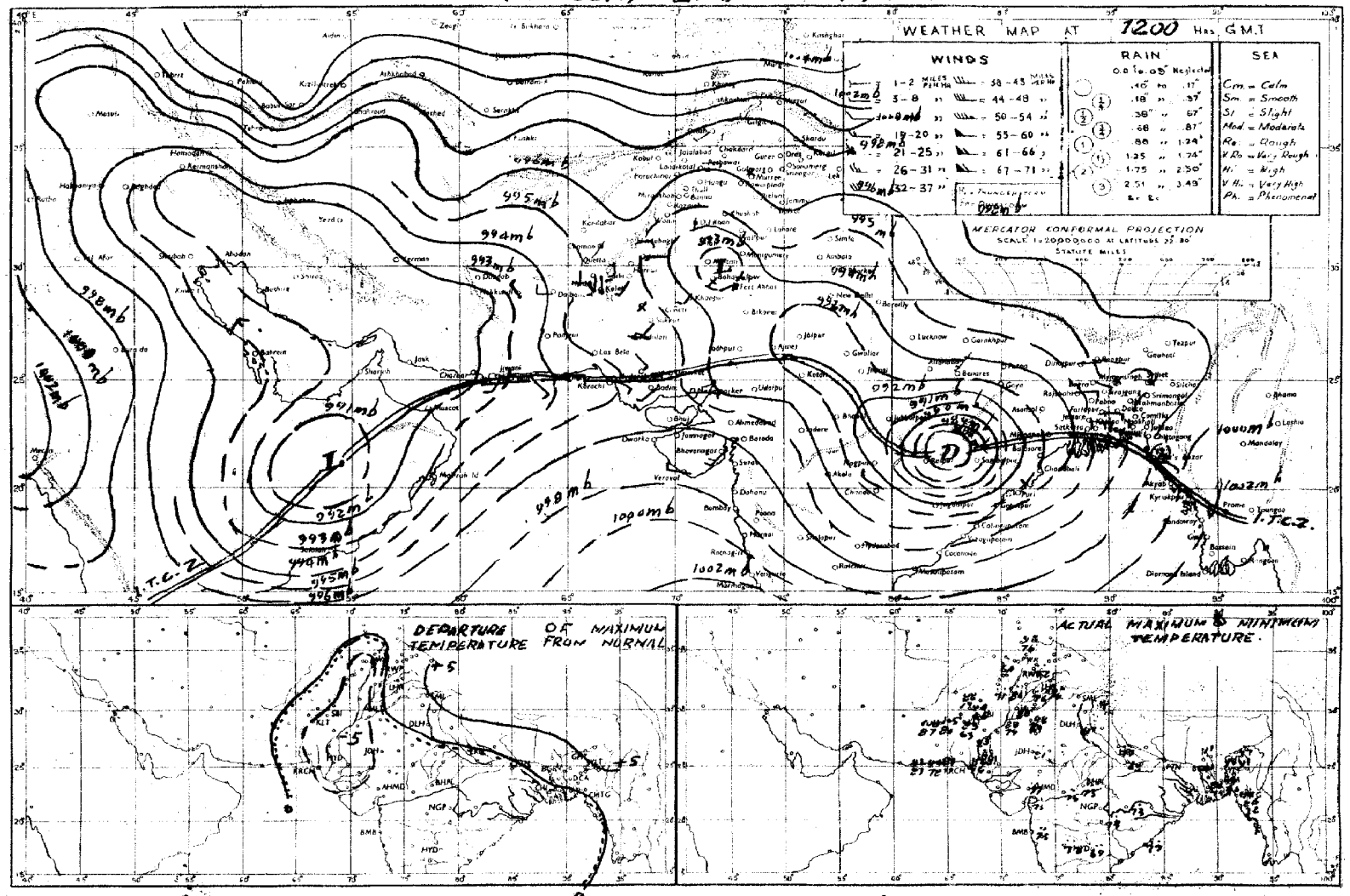
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained if necessary on application to the Meteorological Weather Central, Air Port, KARACHI—6.

PAKISTAN DAILY WEATHER MAP

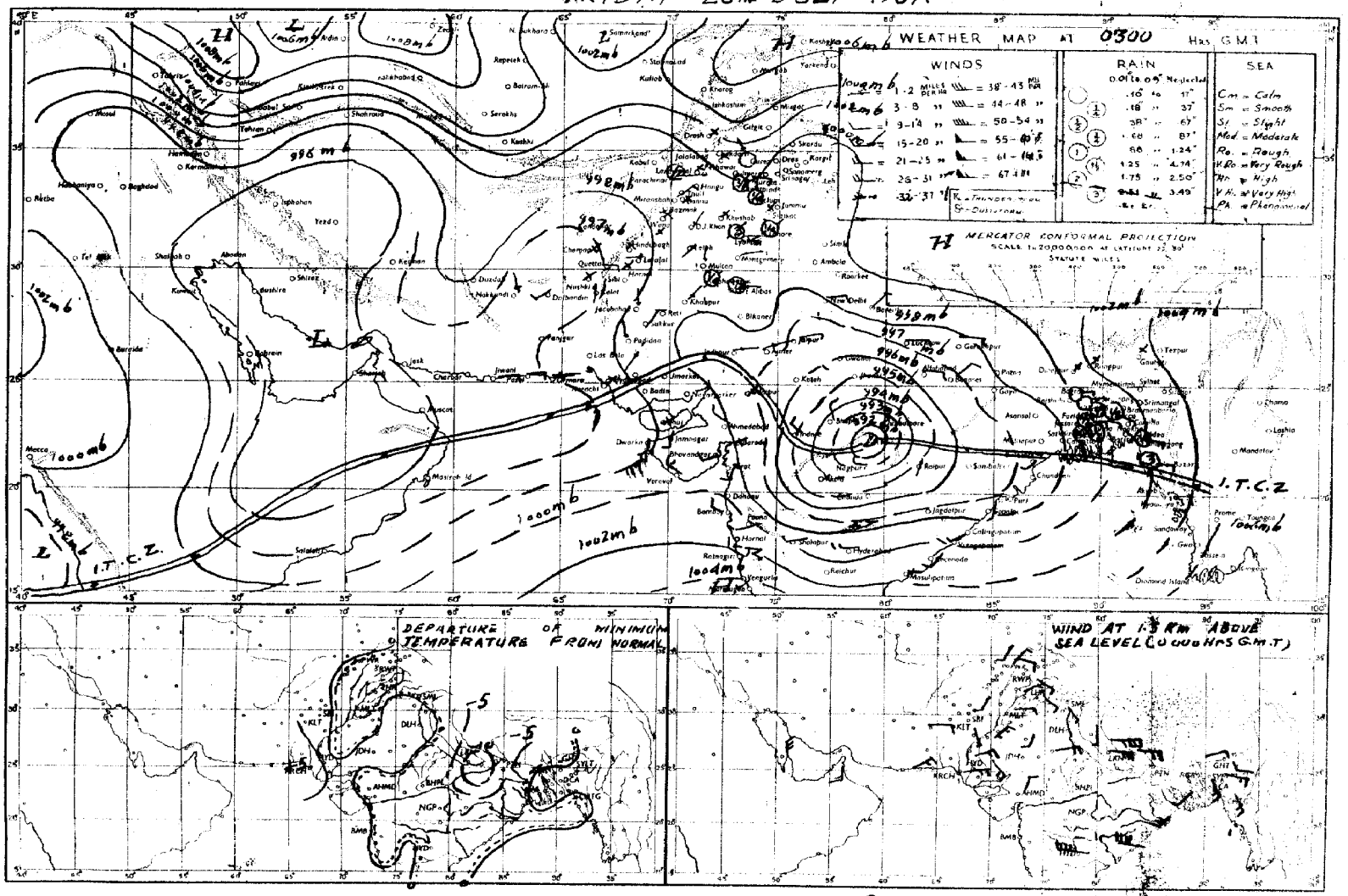
THURSDAY 27th JULY, 1967



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

FRIDAY 28th JULY 1967.



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

Peges 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

SATURDAY THE 29th JULY, 1967.

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

Yesterday's deep depression moved west north west wards and was centred at 28,1200 G.M.T. close to Bhopal. It continued to move in the same direction and is now centred at 29,0300 G.M.T. close to Neemuch. It is likely to continue move in the same direction.

Trough of low pressure over north Arabian Sea has becomeunimportent.

Yesterdays western disturbance north of Afghanistan is moving away across north west of Peshawar division.

Based on available data widespread rain/thundershowers have occurred in Khulna division, fairly widespread in Dacca division, local in Chittagong and Khairpur divisions, scattered in Rajshahi, Rawalpindi and Hyderabad divisions. A few falls of drizzle have also been reported from Quetta division.

Chief amounts of rainfall are: Cox's Bazar 4", Sylhet 1", Maijdee Court (upto 0000 G.M.T.) Barisal (upto 0000 G.M.T.) 3/4" each, Paddidan, Chhor, (upto 1200 G.M.T.) and Nawabshah ½" each, Narayanganj, Khulna, Dinajpur (upto 12,00 G.M.T.) Rangpur and Dadu ¼" each.

Day temperatures were 3—4°F (2°C) above normal in Peshawar and Quetta divisions and were 3—6 °F (2—3 °C) below normal elsewhere in the country.

Forecast valid until the evening of 30th July, 1967:- Widespread rain/thundershowers will occur in Karachi, Khairpur and Hyderabad divisions, fairly widespread in Dacca, Khulna and Bahawalpur divisions and local elsewhere in East Pakistan, Lahore, Rawalpindi, Peshawar and Quetta divisions and in Kashmir and scattered elsewhere in West Pakistan.

Heavy Rainfall Warning:- Locally heavy to very heavy rain may fall in Karachi, Hyderabad and Khairpur divisions during the next 48 hours.

Karachi-11
The 29th July, 1967.

OBSERVATIONS

(N. A. QURESHI)
for Director, Meteorological Services.

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

Divisions (1)	Stations (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	Rangamati	—																
	Cox's Bazar	174	9	8	13	09	56	60	6	003	77	7	7	3	2	/	77	81
	Chittagong	015	5	8	18	17	96	03	6	998	82	8	4	4	0	0	77	82
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria	000	0	3	18	03	96	03	1	958	85	3	4	5	0	0	77	90
	Sylhet	000	0	2	12	05	97	02	2	992	88	6	3	5	2	0	81	92
	Srimangal	000	0	7	20	09	96	02	0	996	86	4	8	5	3	/	81	92
Dacca	Mymensingh	000	0	7	00	10	56	02	0	C0	82	7	5	6	0	0	79	88
	Narayanganj	000	0	8	16	02	56	02	2	991	82	8	7	3		/	79	85
	Dacca (Tezgaon)	003	5	7	13	09	97	02	[illegible]	993	82	6	8	4	3	1	79	86
	Faridpur	035	0	8	00	00	97	02	6	93	79	6	9	5	1	0	79	82
Khulna	Barisal	025	6	3	00	00	97	12	2	933	81	0	0	9	4	0	79	[illegible]
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira	025	0	6	00	00	56	00	6	957	81	7	8	6	2	7	76	82
	Jessore	016	9	7	59	05	97	01	6	97	81	1	1	6	7	8	77	85
Rajshahi	Pubna	000	0	8	09	05	97	01	5	006	81	8	6	6	4	1	77	66
	Sirajganj	010	0	9	18	05	97	02	2	984	82	7	0	8	4	0	76	69
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bogra	003	1	6	[illegible]	02	56	71	6	988	81	1	1	4	3	1	79	88
	Dinajpur	028	1	8	09	05	96	67	2	969	81	8	7	6	1	1	76	89
	Rangpur	000	0	3	13	02	56	01	2	947	88	1	2	6	1	0	76	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	7	13	05	96	02	9	962	89	3	4	6	7	1	76	96
	Sialkot	///	0	4	31	01	96	00	0	972	84	0	0	9	0	0	78	//
Rawalpindi	Jhelum	000	0	1	23	02	98	01	0	549	97	1	1	6	0	0	73	99
	Islamabad																	
	Rawalpindi	000	0	1	09	02	99	00	0	545	95	1	2	7	0	0	74	97
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	0	553	96	0	0	9	0	0	67	01
	Sargodha	000	3	8	05	16	96	55	9	961	84	5	9	6	2	1	70	00
	Lyallpur	000	0	4	00	00	96	02	0	947	94	4	0	9	4	0	77	98
Multan	Sahiwal	000	0	5	05	02	96	03	1	955	95	2	6	3	0	0	76	99
	Multan	000	0	4	03	03	98	02	1	94.	00	2	2	6	0	1	73	01
	Leiah	000	0	1	36	01	98	03	0	567	00	0	0	9	0	1	80	05
Bahawalpur	Khanpur	000	0	7	36	07	56	03	2	531	98	5	8	6	2	0	75	99
	Bahawalpur	000	0	4	00	00	96	00	0	561	99	0	0	9	0	0	69	00
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chakdara	000	0	1	17	04	98	01	0	97	95	1	2	7	0	0	77	57
	Peshawar	000	0	1	07	05	98	02	0	92	97	1	/	6	0	0	66	60
	Haripur	000	0	0	25	05	58	10	0	94	96	0	0	9	0	0	63	58
D. I. Khan	Bannu	000	0	0	13	01	99	00	0	549	97	0	0	9	0	0	69	58
	D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Sibi	000	0	4	27	03	57	03	0	53.	06	4	2	7	4	2	81	69
	Nokkundi	000	0	3	31	05	95	05	0	68	05	3	1	6	0	0	58	08
Kalat	Turbat	000	0	2	23	05	58	02	0	94	00	2	5	5	0	0	81	03
	Jiwani	000	0	1	33	16	96	02	0	941	87	1	1	7	0	0	76	52
	Pasni	000	0	3	00	04	57	03	0	955	85	3	1	5	0	0	78	88
Karachi Division	Ormara	000	0	6	13	27	96	01	0	557	87	6	0	9	3	0	60	89
	Lasbela																	
	Karachi (Manora)																	
	Karachi (Airport)	000	0	5	23	07	96	02	3	953	87	3	4	5	6	1	79	92
Hyderabad	Nagarparkar	000	0	0	31	17	97	01	0	095	94	0	0	9		0	//	55
	Chore	065	1	8	05	03	95	29	5	55.	7.	8	[illegible]	5	0	0	77	/7
	Hyderabad	000	0	7	31	13	97	03	1	557	9	2	5	6	2	0	79	97
	Badin	000	0	3	23	07	95	02	0	16	94	3	3	6	0	0	76	56
Khairpur	Padidan	026	1	7	13	07	97	95	9	969	7.	4	9	1	2	0	78	97
	Nawabshah	057	4	8	36	05	96	92	9	959	8.	5	3	6	2	0	77	96
	Sukkur	000	0	3	37	05	56	03	2	94.	00	3	0	9	9	0	77	01
	Kashmore	000	0	6	05	05	58	03	2	951	99	0	0	9	0	6	77	00
	Jacobabad	000	0	2	36	02	97	02	0	942	01	1	/	6	1	1	74	01
Junagadh	Veraval																	
HILL STATIONS																		
Kashmir	Srinagar **																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu **																	
	Misgar *																	
	Aliabad *																	
	Gilghit *																	
Rawalpindi	Murree *	017	3	6	27	03	98	02	6	42	71	6	5	3	0	0	66	76
Peshawar	Drosh *	000	0	1	33	14	99	01	0	365	98	1	1	7	0	0	47	00
	Cherat *	000	0	0	36	02	98	00	0	424	90	0	0	9	0	0	68	91
	Kakul *	000	0	3	00	00	96	00	2	412	82	2	2	6	1	0	66	87
	Landikotal *	000	0	0	05	05	9.	02	0	439	53	0	0	9	0	0	64	95
	Parachinar *	000	0	3	13	05	97	03	0	411	82	3	8	6	0	0	61	82
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	407	93	0	0	9	0	0	67	54
	Wana *	000	0	3	03	01	98	01	0	479	10	5	0	8	2	3	36	91
Quetta	Fort Sandeman *	000	0	8	36	02	59	03	0	406	94	8	8	5	0	0	62	95
	Hindubag *	000	0	8	13	03	92	03	0	400	84	0	8	5	0	0	32	92
	Loralai *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Barkhan *	000	0	0	13	02	97	02	0	500	85	0	0	9	0	0	23	95
	Harnai *	000	0	0	00	00	96	02	0	395	93	0	0	9	0	0	65	95
	Samungli (Quetta) *	000	0	3	18	05	97	03	0	387	86	0	0	9	0	1	55	88
	Chaman *	000	0	4	23	06	98	02	2	385	00	4	0	9	8	9	51	03
	Nushki *	000	6	4	05	05	97	01	5	401	07	4	0	8	2	3	58	09
	Dalbandin *	000	8	2	05	09	94	05	0	384	06	/	0	9	3	1	54	01
Kalat	Kalat *	000	0	0	18	02	98	00	0	390	85	0	0	9	0	0	44	88
	Khuzdar *	...	...	...	...	...	...	...			...	...	...	...	...	...	...	...
	Panjgur *																	

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

Divisions (1)	Stations (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 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 1967 to-date (39)	Departure from normal (40)	Since 1st January 1967 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	C00	0	5	18	02	98	02	1	017	90	2	8	7	7	2	76	82		—	—	—	—	—
	Cox's Bazar	446	9	8	13	10	96	61	6	017	77	8	7	3	2	/	77	77	−4	+1	—	—	—	149
	Chittagong	///	7	1	13	08	97	02	9	017	85	4	3	4	4	1	77	77	−4	0	—	—	—	108
	Maijdee Court	000	0	5	17	02	98	03	/	127	90	2	8	7	7	2	76	82		−4	—	—	—	115
	Comilla	003	0	2	18	05	96	02	0	003	94	2	4	7	0	0	76	77		0	—	—	—	94
	Brahmanbaria	000	0	4	13	15	97	03	1	017	85	4	5	5	6	0	76	/	—	—	—	—	—	78
	Sylhet	118	9	5	09	15	97	29	9	070	86	2	4	5	7	8	77	77			—	—	—	—
	Srimangal	100	0	4	09	03	96	03	0	023	86	2	8	6	0	2	77	77	+2	+1	—	—	—	98
Dacca	Mymensingh	000	0	3	13	02	97	01	1	017	85	2	5	6	0	0	77	81	+1	+3	—	—	—	91
	Narayanganj	020	0	8	13	04	97	03	2	018	81	8	7	3	/	/	77	79	−3	0	—	—	—	74
	Dacca (Tezgaon)	013	9	7	13	05	97	01	6	010	87	7	8	4	3	0	77	79	—	—	—	—	—	—
	Faridpur	036	3	5	16	05	97	03	2	002	85	3	4	5	1	0	79	79	−1	0	—	—	—	71
Khulna	Barisal	031	4	7	16	02	97	02	6	976	82	7	7	6	0	0	79	73	—	−5	23.0	−7.3	37.7	81
	Khulna	025	9	2	00	00	97	02	2	000	82	0	0	9	4	0	79	79		+1	—	—	—	68
	Satkhira	035	0	8	23	01	96	50	5	989	81	8	7	5	0	0	79	79	−6	+1	—	—	—	65
	Jessore	017	9	7	09	07	97	02	6	997	81	8	6	4	4	8	79	79	—	—	—	—	—	65
Rajshahi	Pubna	000	0	5	13	05	98	01	1	000	95	5	6	7	0	0	79	79	—	—	—	—	—	59
	Sirajganj	000	0	7	09	05	98	02	2	012	82	7	4	4	4	0	79	81	+1	+2	—	—	—	64
	Rajshahi	007	9	8	13	05	56	03	6	009	82	8	7	4	/	/	79	79		+1	—	—	—	—
	Bogra	///	7	1	09	05	96	03	2	013	82	5	8	4	3	0	79	79	−1	0	—	—	—	69
	Dinajpur	034	3	6	09	02	96	02	2	016	85	3	5	6	2	/	79	79	−2	0	—	—	—	72
	Rangpur	030	9	2	13	05	96	01	6	999	84	2	0	9	1	0	77	79	+4	+1	—	—	—	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	6	09	00	96	03	2	995	86	3	5	6	3	0	79	80	−3	+1	—	—	—	19
	Sialkot	003	0	0	10	00	58	00	0	994	85	0	0	9	0	0	75	73	—	−6	—	—	—	32
Rawalpindi	Jhelum	000	0	5	09	02	98	02	2	999	86	2	5	6	3	0	75	81	—	—	—	—	—	—
	Islamabad																							—
	Rawalpindi	000	0	2	03	03	99	00	0	994	88	2	2	7	0	0	73	80	+1	+3	—	—	—	34
	Campbellpur																							—
Sargodha	Khushab	000	0	0	09	03	98	00	0	596	87	0	0	9	0	0	81	79	−1	−3	—	—	—	15
	Sargodha	000	0	1	05	03	97	07	0	596	/	/	/	/	/	/	79	83	—	—	—	—	—	—
	Lyallpur	001	0	5	00	00	96	02	0	980	86	4	3	8	0	0	80	81	−3	−1	—	—	—	12
Multan	Sahiwal	003	0	5	09	02	96	03	1	982	94	3	2	6	3	0	76	80	−4	−3	—	—	—	10
	Multan	000	0	2	09	02	97	02	0	979	00	0	0	9	0	4	76	85	0	0	—	—	—	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Bahawalpur	Khanpur	000	0	0	15	02	96	01	0	962	90	0	0	9	0	1	77	83	−4	0	—	—	—	8
	Bahawalpur	000	0	5	09	02	98	02	2	999	86	2	5	6	3	0	75	81	−2	−2	—	—	—	6
	Fort Abbas	000	0	0	05	05	98	00	0	970	90	0	0	/	0	0	82	82					—	8
Peshawar	Chakdara	001	0	2	26	03	97	01	0	573	80	0	0	9	6	0	76	77	—	—	—	—	—	—
	Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	11
	Haripur	000	0	0	05	01	97	00	0	984	68	0	0	9	0	0	77	73	—	—	—	—	—	—
D. I. Khan	Bannu	000	0	3	00	00	99	03	0	987	83	3	0	9	3	0	78	76	—	—	—	—	—	11
	D. I. Khan	000	2	3	05	02	93	01	1	989	89	0	0	9	3	0	81	83		—	—	—	—	9
Quetta	Sibi	000	0	2	18	03	97	03	1	933	93	3	2	7	2	2	76	77	—	—	—	—	—	5
	Nokkundi	000	0	2	31	03	93	05	0	961	87	2	0	9	3	0	44	81	—	—	—	—	—	2
Kalat	Turbat	000	0	3	00	00	98	02	0	987	85	2	4	9	0	0	79	81	—	—	—	—	—	—
	Jiwani	000	0	7	00	00	56	03	1	57	84	2	4	5	0	1	78	82	—	—	—	—	—	5
	Pasni	000	0	4	23	02	57	03	0	981	82	1	6	5	0	2	78	80	−3	+2	—	—	—	6
Karachi Division	Ormara	...			...	...			...	...	...						...	...	—					6
	Lasbela																							8
	Karachi (Manora)																	80						8
	Karachi (Airport)	000	0	7	00	05	96	02	2	958	83	4	6	5	3	0	79	79	—	—	—	—	—	—
Hyderabad	Nagarparkar	000	/	8	31	05	96	02	1	918	84	4	5	7	0	0	83	80	—	—	—	—	—	—
	Chore	065	/	4	00	0.	96	01	5	937	82	5	8	9	4	0	79	84	—	—	—	—	—	7
	Hyderabad	002	3	8	36	02	96	02	5	949	88	4	5	6	2	0	81	82	0	+4	—	—	—	8
	Badin	005	0	6	23	05	58	02	0	961	84	6	6	6	0	0	78	78	+3	+1	—	—	—	
Khairpur	Padidan	040	9	5	05	03	97	03	9	551	83	2	2	7	3	7	81	80	—	—	—	—	—	—
	Nawabshah	057	8	6	31	03	96	02	9	958	86	0	0	9	0	0	81	86	—	—	—	—	—	—
	Sukkur	000	0	0	02	05	96	02	9	958	92	0	0	9	0	0	78	85	—	—	—	—	—	4
	Kashmore	000	0	0	05	05	98	02	2	/B.	90	0	0	9	0	0	77	85	—	—	—	—	—	—
	Jacobabad	000	0	2	09	16	97	01	1	962	94	2	2	6	0	0	79	92	−6	+8	—	—	—	4
Junagadh	Veraval																							20
HILL STATIONS																								
Kashmir	Srinagar **																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							24
	Leh **																							3
	Skardu **																							6
	Misgar *																							—
	Aliabad *																							—
	Gilghit *																							5
Rawalpindi	Murree *	017	9	6	00	00	97	0.	1	449	66	6	5	2	0	0	61	61	—	—	—	—	—	59
Peshawar	Drosh *	000	0	3	00	00	99	0.	1	424	64	2	1	7	3	0	62	79	+3	+6	—	—	—	18
	Cherat *	000	0	0	36	03	98	0.	/	435	76	0	0	9	0	0	71	73	+3	+7	—	—	—	29
	Kakul *	000	0	3	18	03	97	01	1	441	76	3	2	5	0	0	72	74	—	—	—	—	—	—
	Landikotal *	000	0	0	36	03	93	02	0	426	83	0	0	9	0	0	70	77	—	—	—	—	—	—
	Parachinar *	000	0	5	16	02	97	01	1	440	73	3	8	6	3	0	65	70	−4	+4	—	—	—	29
D.I. Khan	Miranshah *	000	0	6	09	05	97	03	0	417	83	6	5	7	0	0	69	77	—	—	—	—	—	13
	Wana *	000	0	8	00	00	98	01	0	489	89	0	0	9	3	0	83	83	—	—	—	—	—	11
Quetta	Fort Sandeman *	000	0	4	00	02	96	01	0	430	77	0	0	6	3	0	69	70	−4	+4	—	—	—	11
	Hindubag *	000	0	8	00	00	92	00		415	76	8	0	5	0	0	64	70	—	—	—	—	—	—
	Loralai *	000	0	4	00	02	97	0.	P	421	73	0	0	9	0	2	67	65		—	—	—	—	9
	Barkhan *	000	0	0	00	00	96	02	0	380	82	0	0	9	0	0	70	76	—		—	—	—	—
	Harnai *	000	0	1	13	02	96	02	0	424	77	0	0	9	0	1	59	71	—	—	—	—	—	14
	Samungli (Quetta) *	000	0	2	13	01	98	00	0	426	89	0	0	9	7	0	57	82	+3	+7	—	—	—	9
	Chaman *	000	0	0	31	02	98	00	0	390	98	0	0	9	0	0	63	85	—	—	—	—	—	8
	Nushki *	000	0	0	23	02	95	05	1	407	87	0	0	9	0	0	66	82	−8	−8	—	—	—	—
	Dalbandin *																							4
Kalat	Kalat *	000	0	0	18	02	98	00	0	419	72	0	0	9	0	0	36	64	−3	+3	—	—	—	7
	Khuzdar *	000	0	1	00	00	9.	01	J	408	62	0	0	9	0	1	65	76		—	—	—		—
	Panjgur *																							5

† 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 is rainfall since 0000 hrs. G.M.T. of the same day

Whenever given for RRR see the summary above is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 29th JULY, 1967.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhCLhCMCH	DsVs a PP	8 NsCh hs	O,TT, TdT	IdwdwPwHw
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Ocean Ergtn	63 202	669 09	8 20 30	97 02 5	97/ 27	33 / //	...	...	...	...
Surdhana	63 235	684 06	3 23 12	97 02 0	002 29	22 5 08	45 2 28	// / //	12 3 21	—
Oceam Nasgm	63 195	666 06	8 22 33	96 50 5	03/ 27	43 / //	...	...	...	...
Oceancuwsingh	63 192	667 12	8 24 28	95 81 5	97/ 27	...	...	...	—	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isoboric Levels: Surface PPPTTTTdTdTd	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 TdTdTd								HHH TTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	999 229 222	...	...	138 208 208	...	309 128 128	...	573 510 999	749 608 999	965 738	246 912	451 052	...
Dacca ...									...	...	...	...	...	...
Jiwani ...	00 00	991 302 252	MISDA	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	00 00	992 265 215	...	...	135 175 052	...	398 082 548	...	568 372 598	739 672 685	960 778	237 018	416 195	652 295
Lahore ...	00 00	974 295 235	...	—	140 242 185	...	309 138 113	...	583 540 999	755 650 999	...	...	...	...
Multan ...	00 00	983 302 245	...	...	140 292 175	...	308 142 105	...	585 015 999	762 658 999	983 642	...	—	...
Peshawar ...	00 00	954 342 282	...	...	140 292 999	...	388 192 999	...	589 042 912	767 562 999	983 682	—	...	—
Quetta ...	00 00	813 219 145	...	...	140 705 072	...	307 165 999	—	580 532 999	755 689 999	962 868	996 005	418 100	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TTT TdTTd									Max Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 225 225	800 185 185	600 060 ///	350 660 ///	250 810 ///	...	...	...	...	150 052 ///	...	—
Dacca —											...		
Jiwani ...	00 00	MISDA	...	...	...		...	...	—	...		...	...
Karachi ...	00 00	900 195 055	800 152 015	600 015 588	350 730 ///	250 890 ///	...	...	...	...	100 295 ///	...	...
Lahore ...	00 00	900 265 212	800 212 165	600 052 999	350 710 999	...	...	...	...	...	350 710 999	...	...
Multan ...	00 03	900 302 225	800 185 165	600 085 042	350 670 ///	250 690 ///	...	—	...	—	250 690 ///	...	...
Peshawar ...	00 00	900 322 292	800 260 ///	600 120 ///	350 760 ///	...	...	...	—	—	300 762 ///	...	...
Quetta ...	00 00	/// /// ///	800 210 ///	600 070 ///	350 770 ///	250 960 ///	...	...	...	...	100 999 ///	...	...

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 G.M.T of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	5.4	5.4	6.0	7.2	0.9
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 22	14 22	14 23	...	...	...	...	...	...	12 15	13 16	...	...	...	...	11 14	12 13	13 15	...	—	...	...	...	...	...	...
Chakiala	—	...	...	...	...	—	...	...	...	...	...	...	...	...	...	...	36 02	34 04	32 17	...	...	...	...	...	...	...
Chhor	22 04	22 04	...	...	...	...	...	...	...	33 08	32 08	03 07	07 09	06 10	05 72	07 08	08 06	00 10	26 22	05 26	07 30	06 30	08 28	06 35	...	...
Chittgong	16 17	16 27	17 27	17 28	17 13	19 13	...	...	...	16 44	17 44	17 33	...	...	...	16 21	15 20	15 29	...	...	...	...	...	...	...	...
Cox's Bazar	15 12	15 15	15 17	...	—	...	...	...	...	17 19	17 17	19 12	18 12	...	...	...	...	...	...	—	...	...	...	...	...	...
Dacca	14 12	14 18	14 25	14 35	15 24	14 36	...	...	...	...	...	...	...	...	...	11 15	13 14	13 17	...	...	...	...	...	...	...	...
Dalbandin	...	...	06 09	05 07	05 08	04 10	04 21	04 23	05 28	—	...	23 13	25 18	27 07	26 13	...	...	25 06	25 05	32 06	01 03	06 01	06 01	05 01	30 14	...
D. I. Khan	...	...	—	...	—	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	—	...	...	...	...	...	...	No	Ascent	—	...	...	...	—	...	...	...	21 03	01 04	05 03	35 09	36 07	...	...
Fort Sandeman	...	...	...	01 03	35 06	04 07	04 16	03 20	02 12	...	...	...	26 07	33 06	09 05	...	...	...	25 03	23 06	33 07	...	...	...	...	...
Jacobabad	18 03	34 02	35 02	04 06	05 10	05 13	05 07	01 03	08 06	06 08	04 18	05 08	02 13	02 15	02 16	08 19	09 19	08 22	08 25	06 25	03 27	05 38	25 41	05 43	06 24	09 14
Jessore	15 13	16 13	16 19	16 17	14 13	12 17	...	...	...	12 09	12 12	17 16	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum	...	...	...	...	...	...	...	...	...	24 04	14 07	13 07	20 05	19 06	23 09	15 03	10 10	17 02	25 04	01 05	36 08	21 09	24 11	23 11	25 13	25 18
Jiwani	11 21	11 29	11 31	08 32	06 23	07 41	—	...	...	...	—	...	...	...	...	21 05	21 03	...	...	...	...	...	...	...	...	...
Karachi	16 05	12 04	06 09	...	...	...	...	...	...	...	...	...	...	...	...	30 02	36 14	03 20	04 26	05 26	05 20	07 27	...	...	...	...
Khanpur	...	...	...	...	—	...	...	...	...	04 15	05 15	07 17	08 18	10 15	...	06 18	07 22	07 21	08 18	10 11	...	...	...	...	...	...
Lahore	13 06	16 07	13 04	01 02	12 03	25 02	...	...	...	...	...	...	...	...	...	17 08	17 11	16 10	20 03	20 04	...	—	...	...	...	...
Multan	05 08	04 09	04 10	02 09	05 07	05 07	03 32	03 27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah	34 15	35 23	34 15	01 11	...	—	...	...	—	...	...	—	...	...	...	05 08	05 11	04 14	05 20	04 23	06 18	06 33	05 27	05 23	...	...
Panigur	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	...	...	...	...	...	...	...	...	...	19 04	21 04	27 04	15 05	32 19	...	11 02	18 04	22 05	24 05	31 09	35 23	30 15	36 17	...	29 41
Samungli	...	...	...	...	18 03	04 07	03 11	02 07	03 03	...	...	...	...	...	...	...	...	...	...	16 06	03 03	36 12	36 11	36 09	35 17	18 04
Sargodha	...	...	...	...	...	...	...	...	...	11 08	// //	15 08	15 07	18 08	16 04	12 03	16 03	17 03	11 02	// //	03 09	23 07	23 05	// //	23 10	30 12
Sylhet	14 05	13 03	10 05	16 10	...	...	...	...	...	07 10	07 07	16 07	...	...	...	08 10	20 04	10 06	10 10	11 11	11 08	09 09	08 09	10 10	10 08	06 03
Vravale	...	...	...	...	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The actual time of observation 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 15	32 15	35 15	05 17	05 15	06 29	05 24	06 3	06 28	08 32	07 23	08 18	13 16	10 20	01 29	10 19	09 30	...
Peshawar ...																		
Quetta ...																		

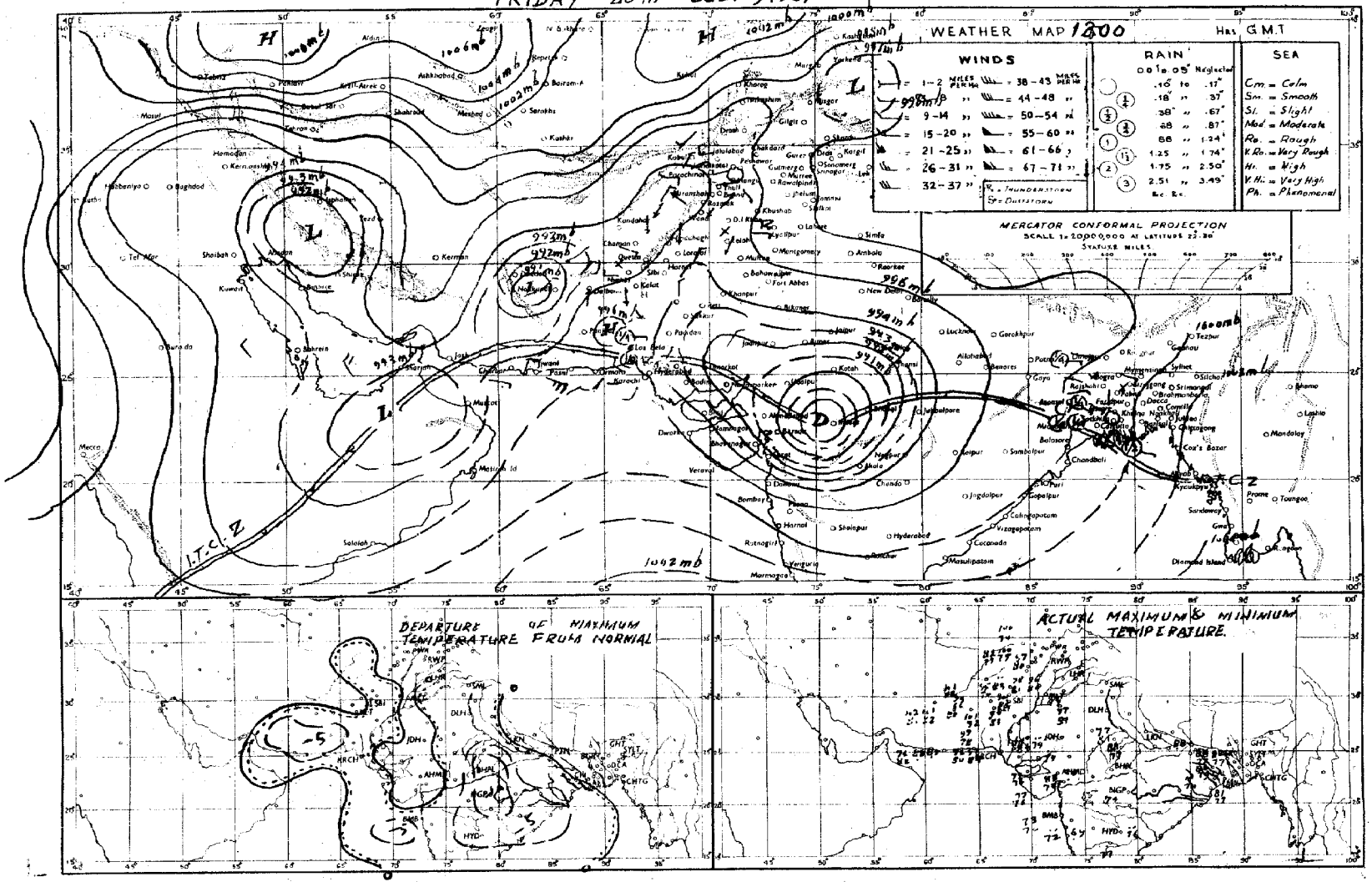
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North throughout East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr 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—8

PAKISTAN DAILY WEATHER MAP

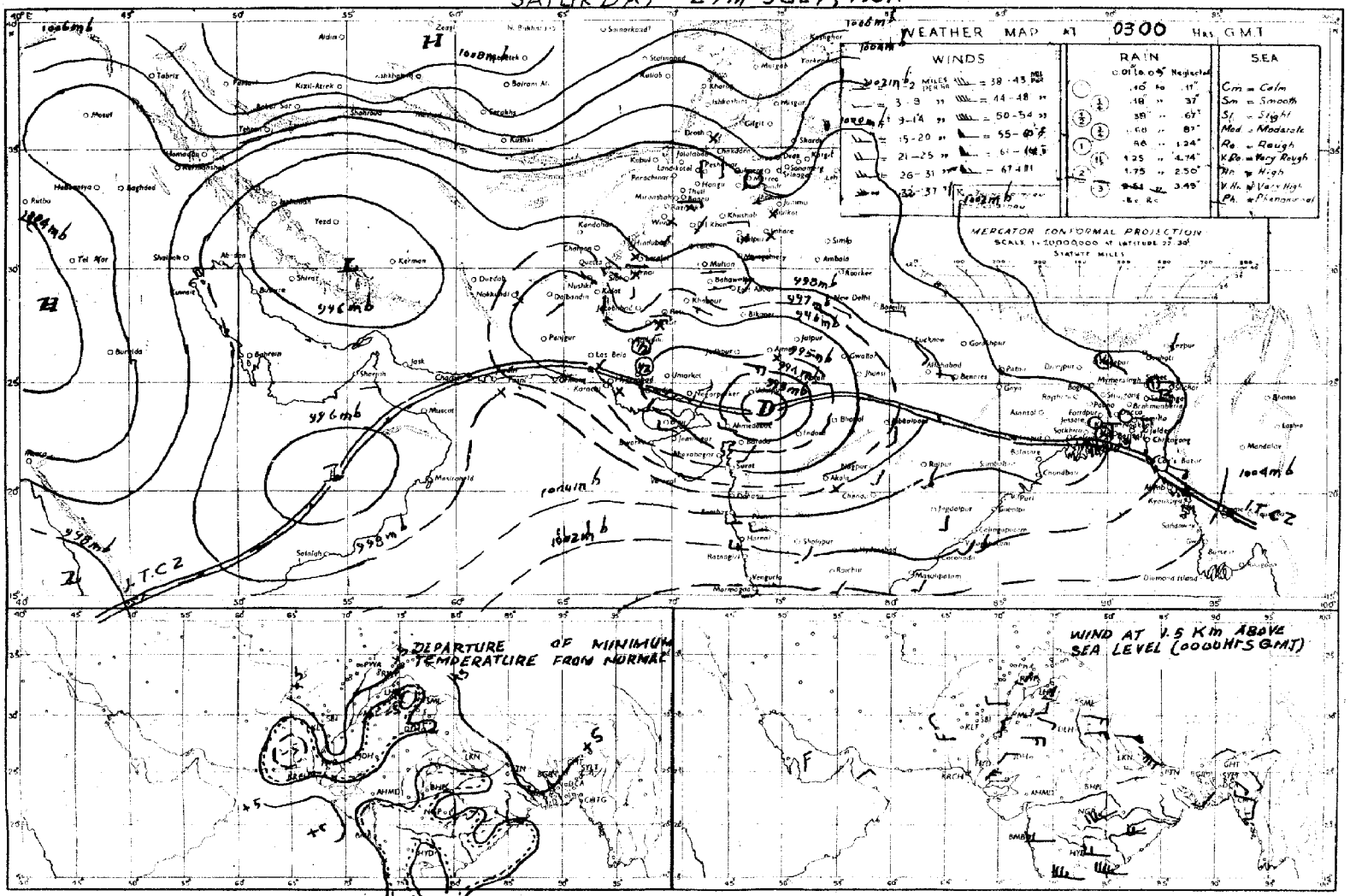
FRIDAY 28th JULY, 1967



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 29th JULY, 1967.



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

Peges 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

Reg. No.S-1467
Volume No. 21

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 30th JULY, 1967.

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

Yesterday's deep depression moved northwestwards, weakened and lay as a depression centred at 22,1200 G.M.T. close to Barmere. It continued moving in the same direction, weakened further and now lies as a well marked low pressure area over Hyderabad and adjoining Khairpur divisions. It is likely to weaken slowly without any appreciable movement.

Yesterdays western disturbances is moving away across north of Peshawar division.

Based on available data rain/thundershowers have been fairly widespread in Hyderabad division, local in Rawalpindi, Peshawar, Karachi and Khairpur divisions and scattered in Quetta division. A few falls of light rain/thunderstorms have also occurred in Lahore and Sargodha divisions.

An easterly low pressure area has extended into the north Bay of Bengal and is likely to intensify into a depression. Under its influence fairly widespread rain/-thundershowers have occurred in Khulna division, local in Chittagong division and scattered elsewhere in East Pakistan.

Chief amounts of rainfall are: Karachi Airport 3", Cox's Bazar and Rawalpindi 2" each, Jessore 1½", Srimangal, Mymensingh 1" each, Sylhet, Khulna and Hyderabad 3/4" each.

Day temperatures were 3—5°F (2—3°C) above normal in East Pakistan and were to the same extent below normal in the northern divisions of West Pakistan.

Forecast valid until the evening of 31st July, 1967:- Rain/thundershowers will be fairly widespread in Khulna, Lahore, Rawalpindi and Sargodha divisions and in Kashmir, local in Multan, D.I. Khan, Quetta, Khairpur and Hyderabad divisions and elsewhere in East Pakistan and scattered elsewhere in West Pakistan.

Karachi-11
The 30th July, 1967.

(N. A. QURESHI)
for Director, Meteorological Services.

OBSERVATIONS

Divisions	Stations		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	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 1967 to-date	Departure from normal	Since 1st January 1967 to-date	Annual Normal
			RRR	Wx	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	GH	TdTd	TxTx	RRR	Wx	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	Rangamati	—	008	4	8	13	05	98	02	6	777	90	3	7	5	7	1	77	96	050	9	4	18	02	98	01	9	000	88	2	8	6	4		76	79	—	—				—
	Cox's Bazar	...	107	0	5	18	10	97	02	2	976	82	3	9	4	3	/	79	82	234	8	7	18	11	97	02	6	991	82	3	4	4	8	0	76	77	−3	+1				143
	Chittagong	—	000	0	7	20	10	97	03	2	981	85	4	3	5	7	0	77	90	002	6	6	13	05	97	02	6	996	84	6	3	4	4	0	76	79	+4	+2				108
	Maijdee Court	—	009	0	6	13	10	94	03	3	944	85	4	6	5	1	0	77	85	009	0	7	09	03	96	03	2	990	94	4	1	5	3	0	77	87	−1	−1				115
	Comilla	...	000	0	4	18	05	96	02	9	970	88	4	4	7	0	0	77	92	000	0	4	18	05	96	02	1	991	84	4	4	7	0	0	77	79	+5	+2				94
	Brahmanbaria	—	...																	032	4	4	09	06	97	01	9	997	84	2	5	5	0	9	79	79	—	—				78
	Sylhet	—	000	0	7	23	02	97	03	1	969	88	3	3	5	2	0	77	94	073	9	8	05	02	96	29	9	997	81	4	5	4	2	/	78	77	—	—				—
	Srimangal	—	000	0	6	00	00	96	02	0	970	92	5	5	5	2	2	81	95	113	9	7	00	00	95	02	9	005	81	2	5	5	0	9	79	79	+5	+3				98
Dacca	Mymensingh	...	000	0	7	09	00	97	01	1	972	85	2	5	7	0	0	79	90	050	0	6	13	02	97	02	1	004	88	6	1	6	0	0	77	78	+3	+1				91
	Narayanganj	...	000	0	5	00	00	96	03	1	969	88	3	7	4	3	/	81	90	000	0	8	18	03	97	04	2	989	84	5	7	4	1	1	79	81	+2	+2				74
	Dacca (Tezgaon)	...	000	0	6	00	00	98	02	2	966	85	3	8	6	3	1	79	88	000	0	6	13	05	97	01	2	984	84	3	8	4	4	0	79	81	—	—				—
	Faridpur	...	...	...	...	...	...	...	...	...	...	...			...			...	...	000	0	5	16	02	97	00	2	049	84	3	4	5	1	0	79	79	—	0				71
Khulna	Barisal	...	000	0	4	09	02	96	42	5	979	82	4	4	6	0	0	79	86	...			...	...	...	...	...	...	...			...	...	...		...	−1					81
	Khulna	—	...	..		...	...	...	...		...							...	..	075	9	2	00	03	97	01	1	996	84	0	0	7	4	0	79	79	—	+1				60
	Satkhira	—	...																	030	0	4	00	10	96	00	0	973	94	4	3	5	0	0	79	79	—	+1				65
	Jessore	—	150	6	7	00	00	97	02	9	965	81	5	6	3	3	8	79	86	161	9	7	00	00	97	02	5	986	82	6	7	3	3	0	79	77	—	—				65
Rajshahi	Pubna	—	000	0	6	13	06	97	01	2	961	86	2	2	7	0	8	82	88	030	9	6	09	20	//	//	/	987	84	6	6	7	0	0	79	79	—	—				59
	Sirajganj	...	000	0	4	13	02	97	02	2	961	88	4	2	5	0	0	79	88	000	0	6	09	05	98	02	2	993	84	6	2	4	0	0	79	81	+1	+2				64
	Rajshahi	...	000		7	09	03	97	02	1	961	86	3	7	4	2	0	79	90	003	0	7	13	07	97	02	1	984	84	7	7	4	0	0	79	81	+1	+3				—
	Bogra	—	000	0	8	09	05	96	03	2	969	88	5	4	4	3	0	79	00	045	7	6	09	05	96	02	2	990	84	6	4	4	0	0	79	81	+2	+2				69
	Dinajpur	—	000	9	5	09	02	96	01	1	9.1	88	0	0	9	0	4	68	90	003	3	4	09	02	96	//	/	983	94	4	8	9	4	/	79	82	—	+3				72
	Rangpur	—	000	0	2	18	02	96	01	0	945	88	1	2	6	1	2	77	93	000	0	2	13	02	96	01	1	004	86	2	0	9	1	0	77	81	+3	+3				84
Kashmir	Jammu	...																																								—
Lahore	Lahore (Jail Road)	—	000	5	7	00	00	96	17	9	956	89	2	3	6	7	0	76	96	000	0	3	13	03	96	02	1	981	88	1	0	9	3	2	77	82	−3	+3				19
	Sialkot	—	000	0	0	23	01	98	00	0	959	94	0	0	9	0	0	77	//	000	0	0	00	00	98	00	0	985	96	0	0	9	0	0	78	74	—	−5				33
Rawalpindi	Jhelum	—	000	0	3	23	02	98	02	0	940	97	2	2	6	0	3	74	98	011	1	8	27	02	95	95	6	001	77	4	9	5	4	/	77	76						—
	Islamabad	—																																								—
	Rawalpindi	...	000	0	4	36	02	99	02	3	920	90	0	0	9	4	4	75	95	326	7	8	00	00	97	60	2	002	74	8	4	6	0	0	79	72	−1	−5				36
	Campbellpur	—																																								—
Sargodha	Khushab	—	000	0	3	18	02	98	//	0	//	02	0	0	9	4	3	85	03	00·	0	8	09	05	98	02	2	918	84	6	2	7	4	0	65	80	+1	−2				19
	Sargodha	—	000	0	4	13	03	97	01	2	951	99	4	2	6	0	0	75	0·	...	...	...	...						...			...		...	...	...						—
	Lyallpur	—	000	3	5	07	02	96	03	5	947	92	5	3	8	0	0	78	95	003	9	4	07	02	96	02	5	453	87	0	0	9	0	4	79	93	−5	+1				12
Multan	Sahiwal	—	000	0	4	00	00	96	02	1	945	91	2	2	6	3	8	77	97	003	0	1	16	02	96	02	0	564	93	1	0	9	3	0	75	82	−4	−1				10
	Multan	—	...	...	...	...	...	...	...	...	...				...	...	...		...	003	0	1	31	03	97	02	0	556	90	1	0	9	3	1	77	86	—	+1				7
	Leiah	—	000	0	0	00	00	98	03	0	964	99	0	0	9	0	0	79	03	000	0	6	23	01	96	04	3	025	87	4	4	7	0	2	79	82						8
Bahawalpur	Khanpur	—	000	0	5	36	16	94	07	2	919	01	2	8	6	2	0	72	03	003	0	2	05	05	95	01	0	945	94	2	0	9	2	0	69	86	0	+3				8
	Bahawalpur	—	000	0	0	00	00	96	00	0	954	00	0	0	9	0	0	68	01	003	0	0	00	00	95	00	0	974	91	0	0	9	0	0	73	75	−1	−2				8
	Fort Abbas	—	000	0	0	05	09	98	00	0	920	00	0	0	9	0	0	70	01	003	0	0	09	02	96	01	0	999	94	2	0	9	2	0	69	86	—	—				8
Peshawar	Chakdara	—	016	7	1	27	03	98	01	9	923	89	0	0	9	0	9	78	90	024	3	7	29	05	97	29	9	945	75	7	3	7	0	0	72	73	—	—				—
	Peshawar	—	000	0	1	05	05	97	01	0	934	94	1	1	6	3	0	73	98	008	4	7	05	02	97	17	6	980	75	4	3	2	3	0	73	/	−3	—				11
	Haripur	—	000	0	0	05	00	97	00	0	939	92	0	0	9	0	0	75	94	04·	5	7	05	11	94	03	6	001	75	7	0	9	7	0	73	73						—
D. I. Khan	Bannu	—	...	...	...	...	...	...	...	...	...						...			00·	0	1	03	03	93	03	0	569	85	0	0	5	0	0	81	85						41
	D. I. Khan	—	000	0	0	00	00	98	00	0	936	00	0	0	9	0	0	73	00	003	0	0	05	02	93	00	0	469	89	0	0	9	0	0	81	84	—	—				9
Quetta	Sibi	—	000	0	6	18	03	97	13	1	924	09	6	2	9	6	2	64	10	000	0	9	27	03	97	03	1	958	84	8	6	9	8	6	56	76		—				5
	Nokkundi	—	000	0	8	31	17	94	05	0	973	10	6	0	9	0	0	47	11	00·	0	0	05	03	95	05	0	981	89	0	0	9	0	0	25	66						2
Kalat	Turbat	—	000	0	2	27	02	98	02	0	915	06	2	5	5	0	0	80	07	000	8	·	27	00	98	02	0	571	88	0	0	9	0	0	81	65						—
	Jiwani	—	000	0	2	23	09	96	02	0	948	89	0	0	3	3	0	76	//	003	0	7	23	10	96	03	2	561	84	7	0	9	3	0	78	82						5
	Pasni	—	000	0	5	23	24	97	03	0	94·	87	2	6	5	6	2	77	91	06·	0	8	23	09	97	03	1	969	82	5	6	5	0	2	79	79	—	+1				6
Karachi Division	Ormara	—																																								6
	Lasbela	—																																								8
	Karachi (Manora)	—																																								8
	Karachi (Airport)	—	005	4	8	23	14	96	17	9	932	85	4	5	5	2	1	81	92	316	9	7	31	07	96	95	5	954	79	3	6	6	2	0	78	77	—	—				—
Hyderabad	Nagarparkar	—																																								—
	Chora	—																																								7
	Hyderabad	—	000	0	7	36	3	97	02	2	914	91	7	0	9	2	0	81	99	079	9	1	77	05	98	01	9	946	83	1	0	9	3	1	79	76	+2	−4				9
	Badin	—	000	0	8	36	03	98	03	0	847	83	8	7	6	0	0	79	95	000	0	6	23	05	98	02	2	945	82	6	6	6	0	0	79	80	+2	−1				
Khairpur	Padidan	—	004	4	6	05	05	97	03	6	912	99	4	4	7	2	0	75	00	004	0	2	00	0	95	02	1	945	86	0	0	9	0	1	79	88	—	—				—
	Nawabshah	—	000	0	5	36	07	96	02	2	915	93	5	4	9	0	0	79	//	000	0	3	8	02	96	03	1	946	85	3	2	6	0	1	79	..	—	—				—
	Sukkur	—	000	0	0	34	05	95	02	0	928	03	0	0	9	0	0	77	03	000	0	0	13	05	97	02	0	947	93	0	0	9	0	0	76	87	—	—				4
	Kashmore	—	000	0	0	05	09	98	02	0	952	00	0	0	9	0	0	77	01	000	0	0	11	03	98	02	0	978	93	0	0	9	0	0	75	86						—
	Jacobabad	—	000	0	2	09	10	97	03	0	920	05	1	1	6	0	1	77	06	000	0	0	31	08	96	05	0	900	90	0	0	9	0	0	70	85	−1	+1				4
Junagadh	Veraval	—																																								10
	HILL STATIONS																																									
Kashmir	Srinagar	* —																																								28
	Gulmarg	** ...																																								—
	Sonamarg	** ...																																								71
	Dras	** ...																																								24
	Leh	** —																																								3
	Skardu	** —																																								6
	Misgar	* —																																								—
	Allabad	* —																																								—
	Gilghit	* —																																								5
Rawalpindi	Murree	* —	005	4	5	27	02	98	02	6	418	71	3	1	4	5	0	63	71	061	9	8	11	0	96	61	9	418	61	8	5	3	/	6	59	58						39
Peshawar	Drosh	* —	000	0	5	36	16	98	02	0	352	98	2	2	7	0	0	49	00	009	0	4	00	00	97	02	1	408	81	3	2	7	3	0	62	78	+3	+5				18
	Cherat	* —	000	0	1	36	03	98	00	0	403	83	0	0	9	0	0	73	86	036	0	8	16	03	96	50	6	436	67	8	4	5	0	0	65	//	−2	—				29
	Kakul	* —	003	1	1	18	02	96	05	6	406	80	1	2	5	8	0	71	83	023	4	8	0	00	96	63	6	432	70	8	7	4	/	/	69	68						—
	Landikotal	* ...	000	0	0	09	05	95	02	0	396	90	0	0	9	0	0	71	93	000	0	8	09	05	92	03	0	419	72	/	/	/	/	/	66	71						—
	Parachinar	* ...	000	0	7	13	02	97	03	2	403	83	5	3	6	3	0	61	85	002	3	5	13	02	97	17	9	427	73	4	9	6	4	0	64	72	−1	+6				20
D.I. Khan	Miranshah	* —	...		...		...	...	...	..	...	...						..	...	000	0	4	00	00	98	01	0	493	84	4	0	9	0	0	68	80						13
	Wana	* —	000	0	6	03	01	98	01	0	461	91	6	0	8	2	4	66	92	000	9	4	04	01	98	01	5	88	78	4	0	8	/	3	64	77						11
Quetta	Fort Sandeman	* —	000	0	8	09	05	98	03	2	403	92	0	0	6	3	0	53	94	000	0	0	18	02	97	02	0	408	74	0	0	9	0	0	66	74	−5	+8				11
	Hindubag	* —	000	0	8	13	03	93	03	0	362	98	0	0	4	0	0	67	95	000	0	7	00	00	96	03		422	72	7	7	6	0	0	54	65						—
	Loralai	* —	000	0	6	13	03	97	02	1	///	//	0	0	9	3	0	79	92	000	0	6	00	00	96	03	2	401	71	0	0	9	2	3	68	63						9
	Barkhan	* ...	030	0	0	13	02	97	02	0	310	85	0	0	9	0	0	23	95	000	0	0	13	02	98	02	0	477	52	0	0	9	0	0	//	//						—
	Harnai	* ...	000	0	6	00	00	95	03	2	379	87	6	4	6	4	0	16	95	000	0	4	00	00	56	02	0	381	81	3	3	6	3	0	69	76						14
	Shinghli (Quetta)	* —	000	0	6	13	09	97	03	0	365	94	4	4	6	3	1	56	97	...			...	...	...	..	..	...	...	...		...			...	...						9
	Chaman	* —	000	0	0	27	00	98	00	0	369	03	0	0	9	0	0	54	04	000	0	2	13	00	98	00	0	426	89	0	0	9	0	7	57	82	+4	+7				8
	Nushki	* ...	000	0	0	13	02	98	00	0	396	02	1	0	9	0	0	67	04	000	0	1	00	00	98	01	0	390	89	0	0	8	0	1	55	82						—
	Dalbandin	* —	000	3	5	23	07	95	05	1	481	08	3	5	7	3	0	62	09	000	0	0	13	05	94	05	0	395	91	0	0	9	0	0	66	83	0	+5				4
Kalat	Kalat	* —	000	0	6	18	05	98	03	0	376	//	6	6	7	0	0	//	91	000	0	6	18	02	98	00	0	403	73	6	6	7	0	0	36	64	0	+3				7
	Khuzdar	* —																																								—
	Panjgur	* —																																								5

† 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. is rainfall since 0300 hrs. G.M.T of the same day

Whenever given for RRR are the summary above is for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 30th JULY, 1967.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_hL_mL_l$	$L_oL_sL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D.V. a PP	8 $N_sC_hh_s$	$O_1T\,T_dT$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Ocean Ensign	73 179	666 00	8 21 42	96 50 5	021 27	94 5 4/	54 1 20	/// ///	00 1 22	12 1 33
Calaux Madrid	73 191	228 06	9 21 30	97 02 2	093 26	00 9 00	75 0 01	/// ///	05 1 27	13 0 20
Isomeris	73 172	519 06	0 31 06	99 03 0	956 31	65 5 44	73 2 08	...	...	...
Anwar Baksh	73 227	579 06	8 99 05	96 21 6	975 27	52 / ///	...	...	...	...
Ocean Aisign	73 126	665 06	7 25 .5	96 50 5	05 28	...	...	...	...	...
St. Jacynct	73 268	530 12	8 00 03	97 06 2	964 36	08 6 11	35 2 10	/// ///	08 4 29	10 0 10
Fkorania	73 204	633 18	8 25 28	97 02 8	990 26	8/ / ///	/// ///	/// ///	05 2 24	/// ///
Anwar Baksh	73 239	670 18	8 08 05	93 21 6	950 27	65 6 55	73 2 12	...	...	...
Ocean Ensign	73 170	662 18	8 25 40	96 50 5	061 27	52 / ///	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTdTdTd	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 TdTdTd								HHH TTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	996 278 265			139 208 999		307 110 999		580 522 999	155 615 999	969 755	253 972	436 100	692 290
Jiwani ...	00 00	...	MISDA	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	00 00		"	—	...	...	...	...	...	...	...	...	...	...
Lahore ...	00 00	973 302 268	...	...	148 245 172	...	309 155 062	...	586 000 999	761 595 999	...	...	...	...
Multan ...	00 00	986 305 252	—	...	143 245 208	...	310 125 092	...	582 555 999	754 625 999	970 710	264 390	—	—
Peshawar ...														
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TTT TdT Td								Max Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHHTT	TROPOPAUSE St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 237 ///	800 181 ///	690 041 ///	350 691 ///	250 851 ///	...	...	...	...	100 230 ///	...	...
Jiwani ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	00 00		—	—	—	—	...	...	...	...	...	...	...
Lahore ...	00 00	900 272 215	800 210 130	600 085 999	...	...	...	...	...	...	400 595 999	...	...
Multan ...	00 00	980 275 238	800 205 172	600 035 002	350 677 ///	250 795 ///	...	...	—	—	200 890 ///	...	...
Peshawar ...													
Quetta ...													

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

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

UPPER WIND DATA

Height in g.p. 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 (date 0): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 G.M.T. of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	5.4	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	11 10	/// ///	13 13	13 17	...	...	...	...	09 10	09 17	10 18	10 17	11 15	11 16	11 12	12 15	11 17	10 19	10 17	...	...	...	...	...	...
Chaklala	—	01 03	17 04	17 05	20 08	21 05	...	...	...	...	...	...	...	...	...	...	08 04	09 11	10 15	08 15	...	...	...	...	...	...
Chhor	04 12	02 07	03 08	...	...	...	...	...	...	19 02	20 01	20 01	...	...	...	18 05	11 02	05 09	...	...	...	...	...	...	...	...
Chittgong	...	...	...	...	...	...	...	...	...	14 15	14 33	15 33	...	...	...	16 10	15 17	13 16	...	—	—	—	—	—	—	—
Cox's Bazar	...	...	...	...	...	...	...	...	...	16 09	16 07	16 06	...	...	...	15 15	13 13	14 13	...	...	...	...	...	...	...	...
Dacca	13 08	13 09	13 13	13 17	13 18	12 17	12 27	11 25	11 27	08 08	08 12	09 15	...	...	...	09 10	10 13	10 12	11 20	11 24	...	...	...	...	...	...
Dalbandin	...	...	26 07	29 14	33 07	34 14	02 23	02 30	...	...	...	21 06	15 03	12 02	32 05	...	...	21 04	20 09	25 10	29 21	28 20	26 17	19 08	19 04	...
D.T. Khan	...	...	—	...	...	...	...	...	...	...	...	—	22 03	21 07	...	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	—	...	...	...	...	...	...	...	...	...	23 03	21 07	...	...	...	...	...	21 03	20 08	35 04	36 04	32 01	...	...
Fort Sandeman	...	...	...	14 04	36 05	32 14	...	...	...	...	...	...	25 03	17 05	20 11	...	...	04 03	05 01	01 05	10 04	31 06	...	...	...	...
Jacobabad	11 08	07 07	06 13	06 19	04 31	04 27	03 29	01 13	03 11	24 17	01 10	04 08	15 05	08 07	21 04	10 10	09 15	09 19	09 18	09 15	06 14	05 26	03 21	04 23	06 62	14 17
Jessore	02 06	05 07	01 05	10 09	12 12	...	...	...	...	24 03	26 03	28 03	09 10	11 07	09 17	11 07	11 10	10 12	10 22	...	...	...	...	...	...	...
Jhelum	...	...	...	...	—	...	...	...	...	...	...	...	...	...	...	09 05	07 05	15 04	22 13	21 12	—	...	...	...	...	...
Jiwani	...	...	...	...	...	...	...	...	...	25 18	29 41	30 43	32 08	02 11	02 19	21 11	25 07	25 08	...	...	...	...	...	...	...	...
Karachi	27 21	27 21	28 23	...	...	...	...	...	...	No	Ascent	...	...	...	...	31 15	33 15	02 08	07 15	05 25	...	...	...	...	...	...
Khanpur	...	...	...	...	...	...	...	...	...	04 17	05 19	04 19	06 19	11 20	14 15	07 06	09 05	09 05	07 13	06 15	08 13	05 14	33 06	15 04	...	...
Lahore	...	...	...	...	...	...	...	...	...	10 10	15 17	14 15	15 08	04 02	06 04	15 10	14 10	14 12	16 12	...	...	...	...	...	...	...
Multan	...	...	...	...	...	...	...	...	...	14 24	15 44	14 16	12 03	07 04	11 05	12 10	09 12	09 13	09 14	08 12	07 16	05 13	04 23	05 24	02 23	03 28
Nawab Shah	...	...	...	...	...	...	...	...	...	06 09	08 08	08 07	06 11	08 11	05 27	28 03	08 03	06 06	06 15	05 23	05 25	05 21	07 21	09 21	09 23	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	...	...	...	...	...	...	...	...	...	98 16	08 20	09 22	...	...	...	04 09	31 04	18 21	08 11	...	...	...	...	...	...
Samungli	...	...	...	16 02	30 06	33 06	32 08	64 04	...	...	...	...	...	...	...	...	...	...	...	28 04	29 10	...	...	...	...	...
Sargodha	12 07	10 04	13 01	26 03	...	...	...	...	...	...	...	...	...	...	...	03 17	00 05	08 13	...	...	...	...	...	...	...	...
Sylhet	...	...	—	...	...	...	...	—	...	No	Ascent	...	...	...	...	11 07	08 12	08 12	...	...	...	...	...	...	...	...
Vravale	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The exact time of observation may vary within half an hours 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 ...	...	10 14	09 10	13 06	14 06	15 04	14 04	21 19	04 22	09 21	08 37	13 59	...	...	...	...	...	...
Quetta ...																		

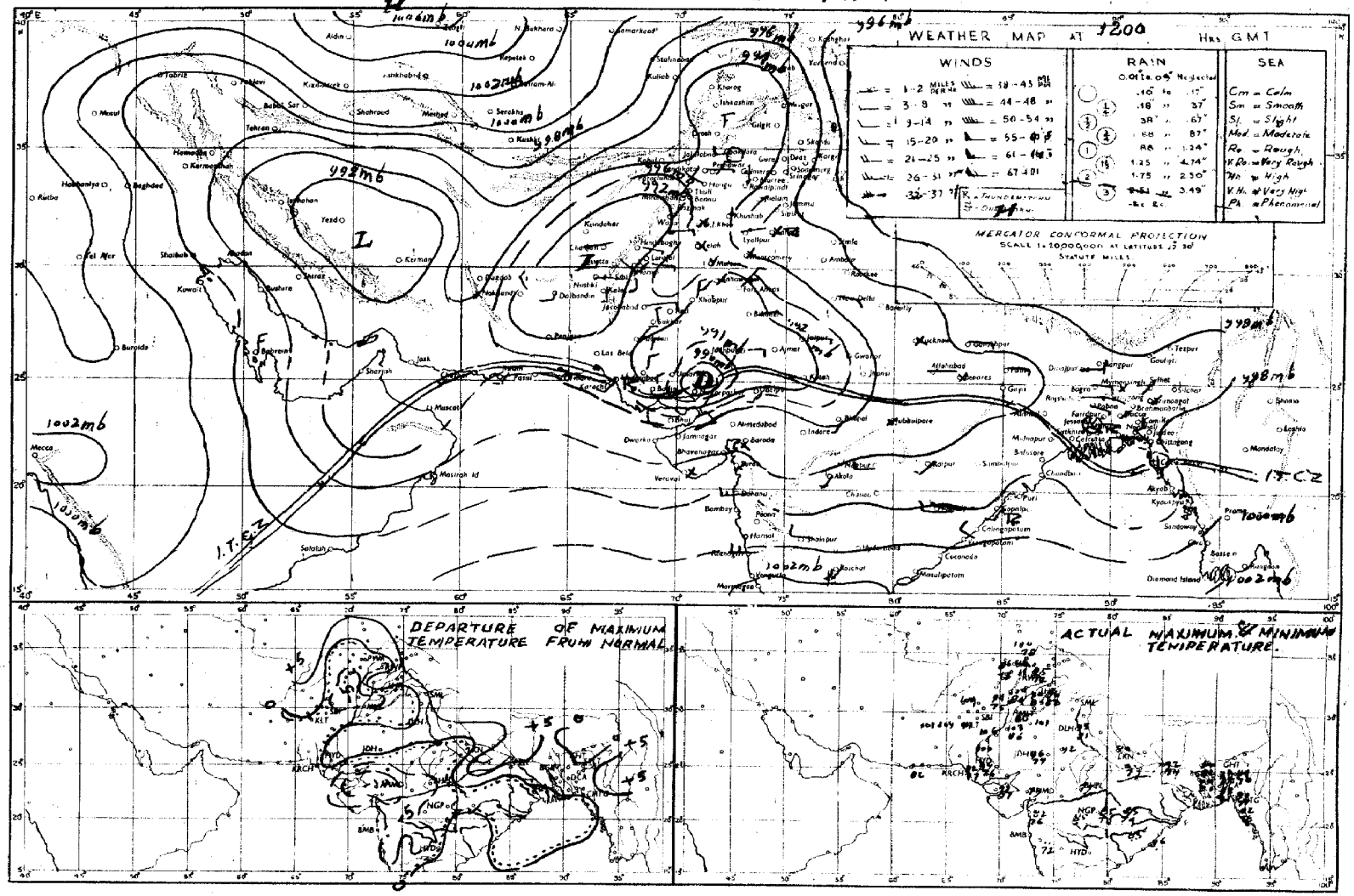
* The first two figures in each column give the wind direction "dd" in tens in degrees counting from North throughout East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd vrvr etc.)

The accuracy of individual entries in this report cannot be guaranteed. Observations can be obtained if necessary on application to the Meteorologists Weather General Air Force HABAGHI—B

PAKISTAN DAILY WEATHER MAP

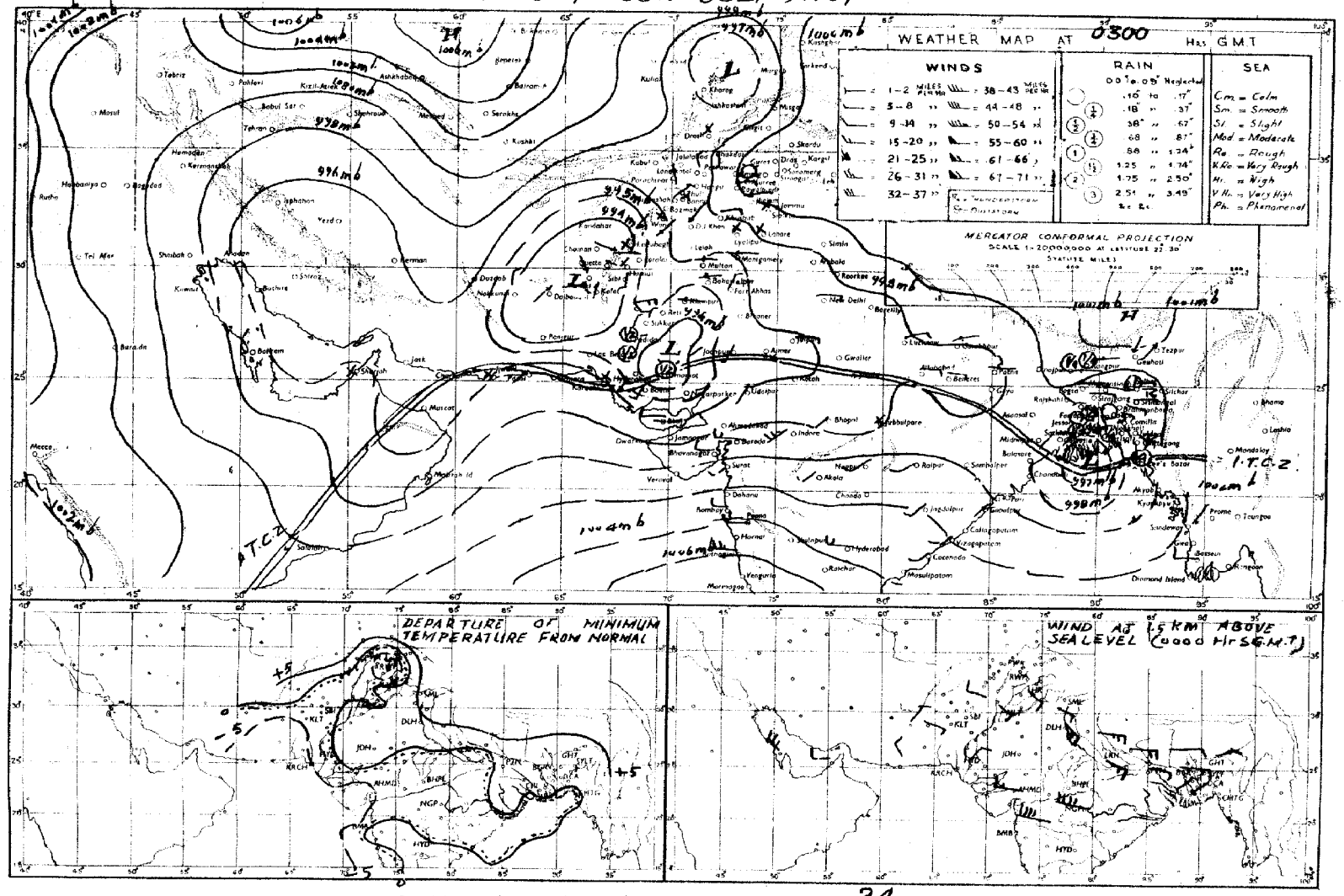
SATURDAY 29th JULY, 1967



Rainfall amounts indicated in the above chart refer to past 12 hours

PAKISTAN DAILY WEATHER MAP

SUNDAY 30th JULY, 1967



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

Peges 1—2 Rs. 3/-
Peges 1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1467
Volume No. 21

MONDAY THE 31st JULY, 1967.

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

Yesterday's low pressure area over Hyderabad division and adjoining areas persists.

In association with the strengthening of Arabian Sea branch of monsoon a well marked low pressure area has developed over Surashtra and neighbourhood. It is likely to intensify and move northeastwards.

The western disturbance north of Peshawar division has moved across Kashmir.

Based on available data rain/thundershowers have been widespread in Hyderabad division, local in Khairpur and Rawalpindi divisions and scattered in Sargodha, Peshawar, D. I. Khan, Quetta and Karachi divisions.

Low pressure area over northwest Bay of Bengal persists and may concentrate into a depression. Under its influence local rain/thundershowers have occured in Dacca division, scattered in Chittagong division. A few thunderstorms have also been reported from Khulna and Rajshahi divisions.

Chief amounts of rainfall are: Badin and Mithi 2" each, Karachi Airport 1¼", Hyderabad and Nawabshah 1" each, Brahmanbaria and Jhelum 3/4" each, Bannu, Harnai and Padidan ½" each.

Day temperatures were 10—16°F (6—9°C) below normal in Rawalpindi, Sargodha and Peshawer divisions and nearly normal elsewhere over West Pakistan and were 3—6°F (2—3°C) above normal in East Pakistan.

Forecast valid until the evening of 1st August, 1967:- Widespread rain/thundershowers are likely to occur in Karachi, Hyderabad, and Khairpur divisions, fairly widespread in Lahore and Rawalpindi divisions, local in Sargodha, Multan and Bahawalpur divisions and in Kashmir and scattered elsewhere over the country.

Heavy Rainfall Warning:- Locally heavy to very heavy rain may fall in Karachi, Hyderaband and Khairpur divisions during the next 24 hours.

Karachi-11
The 31st July, 1967.

(N. A. QURESHI)
for Director, Meteorological Services.

OBSERVATIONS

At 1800 Hrs. G.M.T. of previous day

Divisions	Stations	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	Maximum temperature °F TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	000	1	7	18	02	98	29	9	961	89	4	9	5	7	2	79	95
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Majidee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Comilla	000	0	2	00	00	96	02	0	953	88	3	0	9	3	0	82	92
	Brahmanbaria	000	0	4	36	02	97	03	1	957	88	1	1	7	0	/	81	90
	Sylhet	015	9	5	23	02	97	02	3	944	90	3	3	5	0	2	81	//
	Srimangal	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...
Dacca	Mymensingh	000	0	4	00	00	94	02	1	966	85	4	4	7	0	0	79	90
	Narayanganj	000	0	3	00	00	96	01	1	952	85	2	7	4	3	1	81	94
	Dacca (Tejgaon)	000	0	5	13	02	98	02	2	951	88	3	3	5	0	1	79	90
	Faridpur	000	0	5	16	02	97	02	2	945	88	3	3	5	1	0	79	90
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Khulna	000	0	5	09	05	97	01	1	979	86	5	0	7	0	0	81	90
	Satkhira	000	0	4	00	00	96	00	0	959	85	4	2	5	4	0	79	89
	Jessore	003	0	6	09	09	97	03	2	944	88	4	4	4	0	4	77	90
Rajshahi	Pubna	000	0	2	00	00	99	01	1	955	90	0	0	9	0	1	85	92
	Sirajganj	000	0	4	18	02	97	02	2	946	90	4	2	5	0	0	79	92
	Rajshahi	000	0	3	00	00	97	01	1	945	86	/	/	/	/	/	79	92
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinajpur	000	0	0	00	00	96	00	0	950	99	0	0	9	0	0	79	94
	Rangpur	000	0	3	13	02	96	01	1	948	90	2	2	6	1	0	79	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	6	31	03	96	02	2	943	90	2	7	6	1	/	79	97
	Sialkot																	
Rawalpindi	Jhelum	077	8	3	00	00	98	02	8	949	89	1	1	6	3	0	75	89
	Islamabad	007	4	3	09	03	97	03	6	///	84	3	2	5	0	0	73	84
	Rawalpindi	010	8	6	09	02	99	02	3	954	84	6	2	7	0	0	75	86
	Campbellpur																	
Sargodha	Khushab	037	0	8	09	02	96	28	3	956	85	5	6	6	4	2	79	06
	Sargodha	000	0	4	05	03	97	02	1	955	88	1	1	6	3	1	76	92
	Lyallpur	000	3	0	00	00	97	00	6	940	92	0	0	9	0	0	81	95
Multan	Sahiwal	000	0	1	00	00	96	01	0	928	98	1	0	9	3	●	75	97
	Multan	000	0	1	36	05	55	26	0	923	88	2	2	6	3	1	72	00
	Leiah	000	0	4	18	07	97	01	0	990	00	4	3	8	0	1	80	04
Bahawalpur	Khanpur	000	0	4	05	14	96	01	1	508	01	4	8	6	0	0	72	04
	Bahawalpur	000	0	0	00	00	96	00	0	960	02	0	9	9	0	0	70	02
	Fort Abbas	000	0	0	09	05	98	00	0	909	01	0	0	9	0	0	70	02
Peshawar	Chakdara	000	0	2	27	03	98	01	1	927	87	0	1	7	0	0	78	86
	Peshawar	000	0	2	15	02	98	01	0	949	89	0	1	8	0	0	75	90
	Haripur	000	3	5	24	03	97	03	2	936	88	5	0	9	3	0	77	92
D. I. Khan	Bannu	000	1	3	16	02	99	02	6	///	//	0	0	9	/	/	78	92
	D. I. Khan	040	3	8	05	03	97	01	1	957	85	8	8	8	6	0	75	90
Quetta	Sibi	000	0	4	27	30	97	03	1	919	04	4	2	9	4	0	54	05
	Nokkundi	000	0	0	31	30	95	05	0	873	04	0	0	9	0	0	41	05
Kalat	Turbat	000	0	0	27	03	98	02	0	921	04	0	0	9	0	0	41	07
	Jiwani	000	0	7	23	12	96	02	2	937	86	2	6	4	0	1	78	90
	Pasni	000	0	0	23	21	96	07	0	933	85	0	0	9	0	0	79	67
Karachi Division	Ormara	000	0	0	27	/	95	31	3	924	85	0	0	9	0	0	79	87
	Lasbela																	
	Karachi (Manora)																	
	Karachi (Airport)	017	9	6	25	09	96	20	9	925	84	4	6	5	2	0	81	91
Hyderabad	Nagarparker																	
	Chore																	
	Hyderabad	015	1	8	36	16	98	65	6	932	77	8	0	9	2	0	77	97
	Badin	000	0	8	20	05	97	02	0	941	89	8	7	6	0	0	86	92
Khairpur	Padidan	042	3	7	13	24	95	95	9	920	85	5	9	4	2	0	81	02
	Nawabshah	012	1	8	05	14	96	95	9	948	83	3	5	5	2	0	79	99
	Sukkur	000	2	3	16	09	96	03	2	946	04	3	0	9	9	0	76	05
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jacobabad	000	0	2	06	07	97	03	0	906	06	2	9	6	3	0	77	07
Junagadh	Vereval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu **																	
	Misgar *																	
	Aliabad *																	
	Gilghit *																	
Rawalpindi	Murree *	006	8	5	29	03	98	02	6	404	65	3	1	4	5	0	59	68
Peshawar	Drosh *	000	4	5	25	14	97	01	9	362	95	3	2	7	6	0	53	98
	Cherat *	000	0	3	36	02	98	03	2	407	99	2	0	7	0	9	72	
	Kakul *	015	0	3	36	03	96	05	2	404	77	3	4	5	0	0	70	79
	Landikotal *	000	0	0	02	07	95	02	9	392	85	0	0	9	0	0	62	88
	Parachinar *	000	9	7	13	05	97	17	9	404	77	5	9	5	2	0	65	80
D.I. Khan	Miranshah *	000	0	4	05	05	96	02	0	394	89	4	0	9	0	0	69	89
	Wana *	000	2	9	10	10	99	01	5	496	84	9	0	8	0	9	74	88
Quetta	Fort Sandeman *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hindubag *	000	0	8	07	03	92	03	0	366	96	8	8	5	0	0	68	90
	Loralai *	000	0	3	31	02	98	01	1	368	90	0	0	9	0	2	76	90
	Barkhan *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Harnai *	000	0	0	00	00	96	02	0	355	95	0	0	9	0	0	65	95
	Samungli (Quetta) *	000	0	1	13	12	97	02	0	379	94	1	3	6	0	0	55	95
	Chaman *	000	0	0	00	00	98	09	0	368	98	0	0	9	0	0	37	00
	Nushki *	000	0	0	13	02	98	00	1	389	04	0	0	9	0	0	59	06
	Dalbandin *	000	0	0	27	16	93	07	0	370	05	0	0	9	0	0	48	07
Kalat	Kalat *																	
	Khuzdar *	000	0	6	18	05	98	03	0	358	88	6	6	7	0	0	21	91
	Panjgur *																	

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

Stations	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 1967 to-date	Departure from normal	Since 1st January 1967 to-date	Annual Normal
2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Rangamati	000	9	7	18	02	98	02	9	979	90	5	8	6	7	0	77	74	—					
Cox's Bazar	000	0	7	09	07	97	03	2	959	85	2	2	5	3	2	76	79		—	—	—	—	—
Chittagong	002	9	7	00	00	97	02	9	977	86	6	3	4	3	0	79	81		+ 3	—	—	—	140
Majidee Court	000	9	3	13	05	96	03	0	972	84	3	2	5	0	0	77	77		+ 4	—	—	—	108
Comilla	000	0	4	00	00	96	02	1	970	84	4	4	5	0	0	77	79		1	—	—	—	115
Brahmanbaria	073	9	6	09	05	97	03	9	977	88	2	5	5	0	4	81	77	+ 5	+ 2	—	—	—	94
Sylhet	022	9	6	09	02	97	29	9	972	84	2	4	5	3	/	79	77	—	—	—	—	—	78
Srimangal	009	9	3	00	00	56	03	9	975	88	1	5	6	2	2	81	77	—	—	—	—	—	—
Mymensingh	015	5	8	00	00	96	02	6	975	79	8	7	5	0	0	79	//		+	—	—	—	98
Narayanganj	000	0	7	00	00	97	02	2	970	88	5	7	4	3	1	81	79	+ 3		—	—	—	91
Dacca (Tejgaon)	365	9	7	13	02	98	02	9	971	85	2	0	9	3	2	81	77	+ 6	0	—	—	—	74
Faridpur	013	3	6	16	02	97	02	2	978	84	4	4	5	1	0	79	79	— 3	0	—	—	—	—
Barisal	000	0	4	09	09	97	02	1	980	88	4	0	7	3	0	79			+ 1	—	—	—	71
Khulna	000	0	4	09	09	97	02	1	960	86	4	0	7	3	0	79		+ 3	+ 1	—	—	—	81
Satkhira	000	0	4	18	02	96	00	0	930	84	0	0	9	0	0	79	84	+ 1	+ 6	—	—	—	68
Jessore	000	0	7	07	11	97	02	2	968	85	3	6	3	5	6	79	79	—		—	—	—	65
Pubna	000	0	6	13	05	99	01	1	965	84	2	2	7	4	0	79	79	—		—	—	—	65
Sirajganj	000	0	5	00	00	98	02	2	972		5	0	9	4	0	34	81	+ 5	+ 2	—	—	—	59
Rajshahi	000	/	/	//	//	//	//	/	973	//	/	/	/	/	/	//	81	+ 3	+ 3	—	—	—	64
Bogra	000	0	7	03	02	96	02	2	973	84	3	5	5	2	2	79	81		+ 2	—	—	—	—
Dinajpur	000	0	5	00	00	96	02	1	971	98	5	0	9	2	0	82	//	+ 4	+ 4	—	—	—	69
Rangpur	000	0	6	13	02	96	03	0	006	99	6	5	9	2	0	81	81	+ 4	+ 3	—	—	—	72
Jammu																							84
Lahore (Jail Rd.)	000	0	6	00	00	96	03	1	982	99	4	5	6	3	0	77	83	— 2	+ 4	—	—	—	
Sialkot																							19
Jhelum	091	5	6	05	05	98	01	6	976	94	2	5	6	3	0	74	77	—	—	—			33
Islamabad	007	0	4	00	00	97	03	0	//	81	2	6	3	8	6	73	74	—	—	—	—	—	—
Rawalpindi	013	3	6	09	02	99	02	6	985	79	6	6	6	0	0	73	73	— 10	— 4	—	—	—	
Campbellpur																				—	—	—	34
Khushab	037	0	6	70	20	98	02	3	97	87	2	1	7	7	2	72	77	— 16	— 5	—	—	—	—
Sargodha	000	0	4	09	05	97	01	1	979	85	1	4	6	3	1	78	81	—	—	—	—	—	15
Lyallpur	000	0	0	00	00	96	00	5	968	88	0	0	9	0	0	80	83	— 6	+ 1	—	—	—	—
Sahiwal	000	0	1	00	00	96	01	1	967	93	1	0	9	3	0	76	83	— 4	0	—	—	—	12
Multan	000	0	1	36	02	96	02	0	959	90	1	2	6	0	0	79	85	— 1	0	—	—	—	10
Leiah	000	0	8	36	02	96	02	2	955	80	3	4	7	0	0	70	71	—	—	—	—	—	7
Khanpur	000	0	1	05	05	96	02	0	941	89	1	1	6	0	0	78	83	+ 1		—	—	—	8
Bahawalpur	000	0	0	00	00	96	00	0	964	93	0	0	9	0	0	74	84	+ 1	0	—	—	—	6
Fort Abbas	000	0	0	00	00	98	00	0	958	90	0	0	9	0	0	79	84		+ 1	—	—	—	6
Chakdara	000	0	3	00	00	97	01	0	957	82	0	0	9	3	0	75	74	—	—	—	—	—	8
Peshawar	000	0	5	36	03	98	02	0	975	95	1	/	2	3	0	76	80	— 11		—	—	—	—
Haripur	009	4	5	05	01	97	03	6	977	83	5	0	9	3	0	77	74		0	—	—	—	11
Bannu	040	9	0	00	00	97	03	2	983	82	0	0	9	0	0	79	71	—	—	—	—	—	—
D. I. Khan	000	0	5	05	02	98	01	1	975	87	7	/	/	/	/	77	82	—	—	—	—	—	11
Sibi	000	0	9	27	03	97	03	1	967	87	9	6	9	8	6	56	83	—	—	—	—	—	9
Nokkundi	000	0	0	27	03	95	05	0	921	90	0	0	9	0	0	37	83	—	—	—	—	—	5
Turbat	000	0	0	00	00	98	02	0	973	//	0	0	9	0	0	80	84		—	—	—	—	2
Jiwani	000	0	6	19	07	96	03	1	955	83	6	0	9	7	0	77	81	—	—	—	—	—	—
Pasni	060	0	2	00	00	96	00	0	965	80	0	0	9	0	2	78	80	—	+ 2	—	—	—	3
Ormara	000	0	7	27	10	95	01	2	959	81	4	6	4	3	0	78	//	—	—	—	—	—	6
Lasbela																							4
Karachi (Manora)																							8
Karachi (Airport)	156	9	7	31	05	96	02	5	952	86	4	5	5	3	0	76	78	—	—	—			8
Nagarparker	200	0	8	31	07	96	03	1	235	81	4	5	7	0	0	00	73		—	—	—	—	—
Chore																			—	—	—	—	—
Hyderabad	111	9	8	31	02	97	03	9	952	81	8	0	9	3	0	79	75	0	— 5	—	—	—	7
Badin	191	0	6	35	55	90	00	0	955	82	6	6	6	0	0	79	80	— 1	— 1	—	—	—	9
Padidan	054	9	6	00	07	97	03	5	949	83	3	4	7	0	8	79	78	—	—	—	—	—	
Nawabshah	104	9	7	00	00	97	01	9	953	80	5	5	6	3	2	77	78	—	—	—	—	—	—
Sukkur	002	9	3	05	05	96	01	9	946	91	3	0	9	9	0	75	86	—	—	—	—	—	—
Kashmore	000	0	0	05	14	98	02	2	980	92	0	0	9	0	0	76	87	—	—	—	—	—	4
Jacobabad	000	0	0	42	02	97	02	0	945	93	0	0	9	0	0	78	87	0	+ 3	—	—	—	—
Vereval																							4
Srinagar *																							20
Gulmarg **																							26
Sonamarg **																							—
Dras **																							71
Leh **																							26
Skardu **																							3
Misgar *																							6
Aliabad *																							—
Gilghit *																							—
Murree *	026	2	6	11	05	97	02	6	424	67	6	5	4	0	0	59	60	—	—	—	—	—	5
Drosh *	000	0	2	00	00	99	02	1	401	83	1	2	7	4	0	62	77	+ 1	+ 4	—	—	—	59
Cherat *	000	0	6	36	02	97	03	2	431	71	3	4	7	2	0	69	66	—	— 5	—	—	—	18
Kakul *	015	0	1	18	02	97	01	1	423	72	1	2	5	0	0	71	69		—	—	—	—	29
Landikotal *	000	0	0	09	03	93	00	0	417	82	0	0	9	0	0	67	72	—	—	—	—	—	—
Parachinar *	000	9	3	09	03	97	03	9	423	73	2	3	7	3	0	64	66	— 6	0	—	—	—	—
Miranshah *	000	0	0	05	05	97	03	0	411	80	0	0	9	0	0	71	74	—	—	—	—	—	29
Wana *	000	0	0	00	00	99	00	0	435	75	0	0	9	0	0	72	75	—	—	—	—	—	13
Fort Sandeman *	000	0	6	05	05	97	01	2	416	74	6	0	6	3	0	68	73			—	—	—	11
Hindubag *	000	0	7	00	00	96	03		422	78	7	7	6	0	0	52	67		+ 7	—	—	—	11
Loralai *	000	0	4	05	02	97	01	1	403	74	0	0	9	0	2	67	65	—	—	—	—	—	—
Barkhan *	000	0	0	18	09	97	03	6	451	78	0	0	9	0	0	78	69	—	—	—	—	—	9
Harnai *	045	0	0	00	00	96	02	0	381	81	0	0	9	0	0	71	72		—	—	—	—	—
Samungli (Quetta) *	006	0	7	13	10	97	02	1	419	77	3	5	6	3	1	61	73	—	—	—	—	—	14
Chaman *	000	0	4	30	00	98	00	2	490	86	0	0	6	0	0	65	82	0	+ 7	—	—	—	9
Nushki *	000	0	0	00	00	98	00	0	391	91	0	0	9	0	0	46	86	—		—	—	—	8
Dalbandin *	000	0	0	00	05	94	05	0	382	85	0	0	9	0	0	55	75	— 2	— 3	—	—	—	—
Kalat *																							4
Khuzdar *	000	0	0	18	02	99	00	0	404	73	0	0	9	0	0	37	65	0	+ 4	—	—	—	7
Panjgur *																							5

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs.

** 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 1800 hrs. is rainfall since 0300 hrs. G.M.T. of the same day

Whenever given for RRR [illegible] the summary above is for the [illegible] of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 31st JULY, 1967.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_hL_oL_o$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D,V, a PP	8 $N_sCh_sh_c$	O,T T, T_d T	$Id_wd_wP_wH_w$
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 Isoboric Levels: Surface PPPT TTdTdTd	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 TdTdTd								HHH TTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	991 272 262	...	...	140 210 230	...	316 155 155	...	584 025 999	762 548 999	984 649 ///	277 020 ///	422 142 ///	770 085 ///
Dacca ...	00 00	995 265 255	...	...	140 265 999	...	325 125 999	...	579 525 999	753 628 999	969 745 ///	251 930 ///	459 092 ///	635 225 ///
Jiwani ...														
Karachi ...	00 00	991 275 232	...	...	135 200 999	...	302 138 999	...	570 500 999	742 655 999	944 780 ///	288 912 ///	428 002 ///	...
Lahore ...	00 00	972 005 975	...	...	...	...	309 158 118	...	526 505 999	760 615 999	975 735 ///	...	...	...
Multan ...	00 00	981 300 261	...	...	140 275 225	...	308 [illegible]	...	591 079 999	788 [illegible]	999 605 ///	...	...	...
Peshawar ...	00 00	009 282 242	...	...	140 232 999	...	307 [illegible]	...	508 012 999	759 572 999	979 592 ///	...	...	...
Quetta ...	00 00	011 230 070	...	...	142 /// ///	...	306 155 035	...	580 550 710	754 678 999	951 795 ///	242 948 ///	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TTT T_dT T_d						Max Height Reached PPPTTT $T_dT^dT^d$	TROPOPAUSE: St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	660 015 325	500 045 425	950 018 505	250 015 515	...	...	...	...	...	770 085 999	...	...
Dacca ...	00 00	900 008 908	800 005 915	600 018 218	350 015 135	250 /// ///	...	...	...	...	625 225 999	...	...
Jiwani ...													
Karachi ...	00 00	960 221 ///	800 181 ///	600 061 ///	350 671 ///	250 831 ///	...	...	...	...	450 002 ///	...	...
Lahore ...	00 00	900 278 218	800 220 160	600 078 038	350 075 ///	250 799 ///	...	...	...	...	975 935 999	...	...
Multan ...	00 00	980 305 295	800 242 222	600 140 132	...	...	...	...	...	...	999 605 ///	...	...
Peshawar ...	00 00	900 031 037	800 035 109	600 008 098	...	...	...	...	...	...	975 542 ///	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	242 948 ///	...	...

P, P—Pressure in hundreds tens and units of millibars.

T, T_d 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.

500 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	At 0000 hrs. G.M.T. of date (date ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 G.M.T. of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	5.4	5.4	6.0	7.2	9.0
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra																										
Chaklala	07 06	09 08	13 08	13 09	...	...	...	...	...	12 17	11 11	11 07	06 12	08 03	10 17	07 06	07 14	09 13	09 17	10 17	...	...	...	...	...	...
Chhor	...	14 08	12 09	12 15	11 11	...	...	...	...	...	12 10	12 11	10 14	16 08	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11 06	10 10	0 E 12	07 13	07 20	...	...	...	...	...	...
Cox's Bazar	20 10	18 15	16 17	14 17	...	...	...	...	...	06 06	06 06	06 04	...	...	...	07 05	13 11	15 18	12 18	09 31	...	...	...	...	...	...
Dacca	17 24	17 17	14 15	13 23	14 23	13 26	...	...	...	...	...	...	...	...	...	12 12	12 16	12 19	13 24	12 25	13 33	...	...	...	...	...
Dalbandin	14 03	13 05	13 09	14 13	14 21	14 19	10 21	09 17	...	...	...	...	...	...	...	06 08	06 10	07 13	09 19	10 29	...	...	...	...	...	...
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	15 07	17 12	18 07	02 03	...	...	13 06	14 41	13 11	09 08	06 07	11 13	14 26	13 25	...
Drosh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	...	...	...	...	...	...	...	...	...	22 06	19 05	19 10	...	...	...	...	22 03	19 05	19 02	23 03	19 05	...	...
Jacobabad	10 12	09 04	34 02	...	...	...	...	...	...	...	...	...	05 10	10 03	19 01	...	...	...	...	...	...	...	...	...	...	...
Jessore	09 06	07 06	06 10	05 11	06 11	04 12	04 14	34 18	34 07	01 07	36 08	02 08	09 21	08 17	12 27	06 06	05 08	07 13	07 19	05 21	07 25	...	...	...	...	...
Jhelum	09 15	10 16	12 18	13 19	13 20	12 22	...	...	...	11 18	13 32	17 26	14 24	10 19	10 35	11 12	10 16	09 19	09 27	10 25	...	...	...	...	...	...
Jiwani	34 01	11 04	14 04	21 03	28 08	20 06	24 12	25 14	25 13	...	...	...	...	...	...	01 06	09 10	13 10	16 10	19 10	...	...	...	...	...	...
Karachi	23 15	24 17	24 15	28 19	34 15	...	...	...	...	16 17	20 17	22 12	24 06	29 08	34 03	...	...	...	...	...	...	...	...	...	...	...
Khanpur	24 10	19 02	06 06	06 14	04 02	03 18	...	...	...	...	...	...	...	...	...	30 11	32 08	04 07	...	...	...	...	...	...	...	...
Lahore	03 20	05 19	06 15	05 19	07 19	05 19	10 07	03 09	04 06	02 13	04 13	04 15	07 15	11 23	11 10	03 07	06 12	06 15	06 20	15 18	06 23	09 17	12 12	13 13	...	...
Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah	01 03	01 10	04 14	06 14	05 17	04 09	...	...	...	04 11	36 16	01 13	05 15	...	...	05 16	05 24	07 19	05 24	05 26	...	...	...	...	...	...
Panjgur																09 09	10 11	07 19	05 24							
Peshawar	...	06 07	12 06	18 05	09 09	34 07	32 17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Samungli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16 05	35 06	09 14	21 05	31 08	23 02	...
Vravale	29 03	09 08	07 10	...	...	...	...	...	...	...	...	...	...	...	...	10 13	10 28	10 31	07 27	08 22	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The exact time of observation may vary within half an hours of the specified time

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

Height in k.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																		
Peshawar	31 16	32 10	20 15	03 18	05 25	06 28	87 19	06 28	08 31	06 23	07 11	05 15	04 21	...	...	...	...	...
Quetta	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

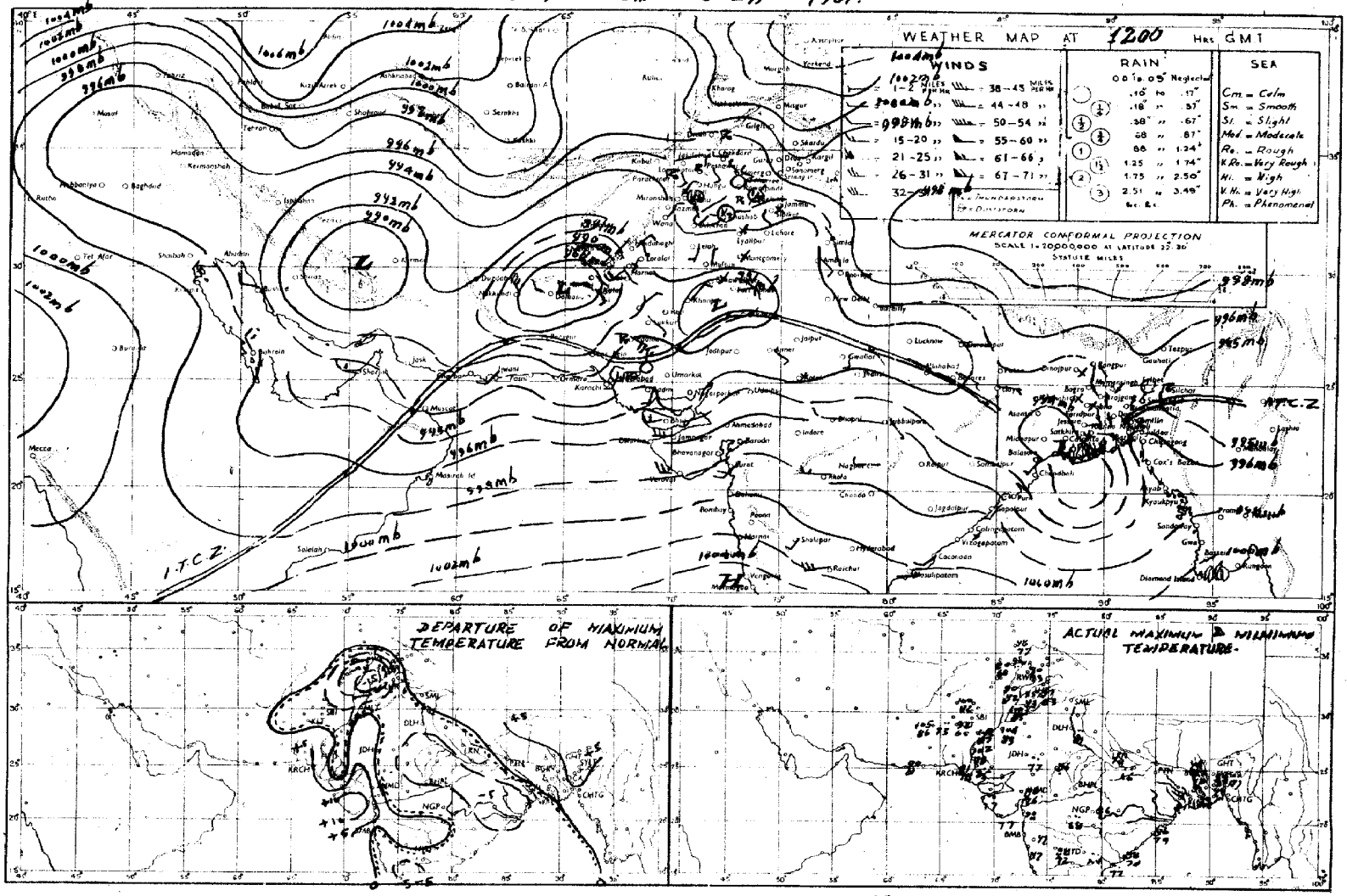
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North throughout East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd VVVV etc.)

The accuracy of individual entries in this return cannot be guaranteed. Corrections can be obtained if necessary on application to the Meteorologists Weather Central, Air Port, KARACHI—8.

PAKISTAN DAILY WEATHER MAP

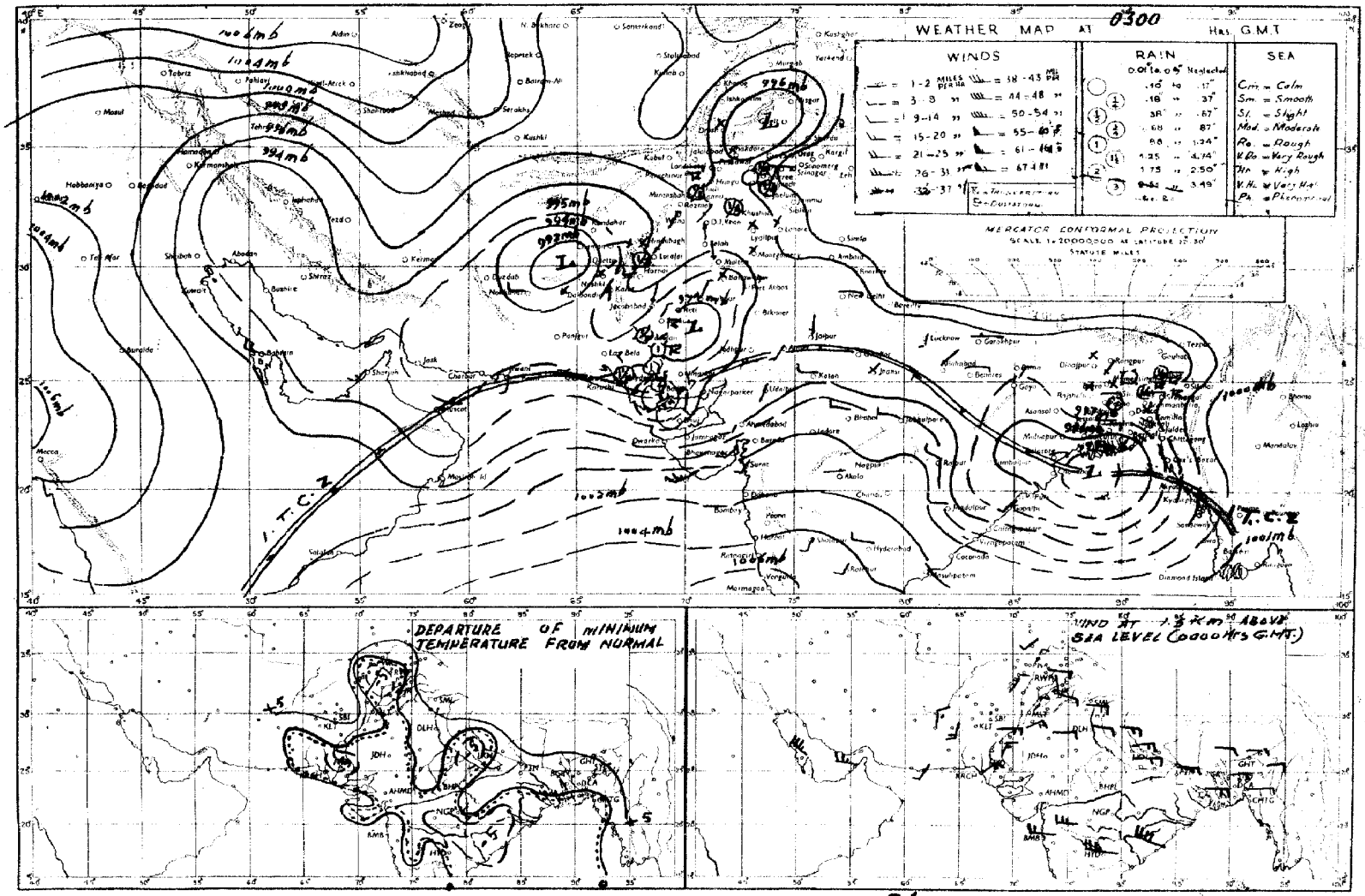
SUNDAY 30th JULY, 1967.



Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

MONDAY 31st JULY, 1967.



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