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PAKISTAN DAILY WEATHER REPORT

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Volume No. 25

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SUNDAY THE 1st AUGUST, 1971.

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

Yesterday's trough of low over northeastern Rajasthan and adjoining East Punjab become unimportant last evening. Rain/thundershowers had been fairly widespread in East Pakistan.

Yesterday's secondary western disturbance over northern parts of West Pakistan and adjoining areas has moved away northeastwards. Its associated trough extends upto Multan division.

Widespread rain/thundershowers have occured in Lahore division, fairly widespread in Rawalpindi division and scattered in Sargodha division. Isolated rain/thunderstorms have also been reported from Hyderabad and Khairpur divisions.

Chief amounts of rainfall are Chittagong 11", Rangamati 6", Bogra 3", Satkhira and Jessore 1" each. Cox's Bazar 3/4". Narayanganj ½", Sylhet, Srimangal, Dacca, Lahore ¼" each.

Day temperatures were 3—11 °F (2—6 °C) below normal in Chittagong, Dacca, Khulna, Rajshahi, Lahore, Rawalpindi, Sargodha, Peshawar, Quetta Kalat and Khairpur divisions and were nearly normal elsewhere over the country.

Forecast valid until the evening of the 2nd August. 1971 :—Rain/thundershowers will be fairly widespread in East Pakistan and scattered in Lahore, Rawalpindi, Sargodha, Multan, Malakand and Peshawar divisions. Mainly dry weather is likely to prevail elsewhere over West Pakistan.

Karachi-32
The 1st August, 1971.

OBSERVATIONS

M. SHAHABUDDIN
for Director Meteorological Services.

		At 12 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																		Departure from Normal of		Rainfall			
DIVISIONS	STATIONS	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Winds speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)°	Dry Bulb temperature	Amount of Lowest Clud †	Low Cloud from †	Height of Lowest Cloud †	Medium Cloud form †	High Cloudform †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commanced at †	Total Cloud amount	Wind direction in tens of degree	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	Maximum temperature	Minimum temperature	Since 1st June, 1971 to-date	Departure from normal	Since 1st January, 1971 to-date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	GL	h	CM	CH	TdTd	TxTx	RRR	Wc	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	2	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati ...	003	7	7	18	05	98	02	2	054	79	0	7	5	1	/	76	83	534	9	9	18	05	95	62	6	065	76	9	1	4		/	76	75	— 5	—	—	—	—	—
	Cox's Bazar ...	017	9	8	18	09	97	02	6	038	80	5	7	4	2	0	74	80	094	9	8	18	10	96	51	6	055	79	6	5	3	5	0	77	77	—	+ 1	95.7	+28.2	—	140
	Chittagong ...	006	8	8	16	08	96	02	6	0/2	79	7	7	3	2	0	74	79	999	9	8	20	05	93	63	6	050	76	7	7	2	2	/	76	74	— 7	— 2	64.3	+19.2	—	108
	Maijdee Court ...																																			—	—	—	—	—	115
	Comilla ...																																			—	—	—	—	—	94
	Brahmanbaria ...																																			—	—	—	—	—	78
	Sylhet ...	018	9	8	13	02	96	02	6	012	//	7	7	4	2	/	75	79	027	9	6	13	05	96	02	6	003	79	5	5	4	2		77	75	—	—	46.4	—		—
	Srimangal ...	004	1	8	00	00	96	95	6	027	79	4	9	3	6	2	75	80	027	9	7	13	66	96	02	6	034	84	4	9	3	4	3	77	73	— 11	— 3	1.0	—32.3	—	98
Dacca	Mymensingh ...	055	0	7	00	00	97	02	2	022	82	7	5	4	0	0	79	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—	32.9	— 1.2	—	91
	Narayanganj ...	000	0	8	13	02	95	03	5	021	84	8	7	3	/	/	76	84	041	0	8	23	02	97	0	5	033	81	8	7	3	/	/	77	76	— 4	— 2	3.9	—22.0	—	74
	Dacca (Tjegaon) ...	004	1	/	//	//	96	21	6	022	82	5	8	1	2	/	79	84	030	9	7	18	02	97	02	6	031	83	6	8	4	7	0	79	75	—	—	22.8	—		—
	Faridpur ...	060	6	8	00	00	97	02	6	041	79	6	5	5	1	0	77	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	//	—	—	—	—	71
Khulna	Barisal ...	000	0	7	21	06	96	02	2	03/	80	6	6	3	2	0	75	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	26.5	— 6.4	—	81
	Khulna ...	070	0	8	00	00	96	02	6	002	79	5	4	5	2	1	79	81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	2.9	+ 4.5	—	68
	Satkhira ...	000	0	4	18	03	97	03	2	022	82	4	3	9	2	0	79	88	100	0	4	00	00	97	03	2	032	81	4	3	9	0	0	77	75	—	—	21.7	— 4.4	—	65
	Jessore ...	026	1	7	18	07	96	17	9	018	79	5	9	3	2	0	74	88	118	9	7	23	03	96	20	9	034	96	5	7	3	2	6	79	//	— 1	//	12.0	—12.9	—	65
Rajshahi	Pabna ...																																								59
	Sirajganj ...	000	1	7	00	00	97	01	9	///	82	7	7	9	/	/	//	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—	—	—	—	64
	Rajshahi ...	092	3	8	31	02	96	06	6	012	77	4	4	9	3	0	77	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—
	Bogra ...	270	3	8	00	00	96	21	6	016	76	3	4	4	7	0	79	84	270	0	8	00	00	96	02	0	024	79	6	4	4	3	0	77	76	— 5	— 3	11.4	—14.9	—	69
	Dinajpur ...																																			—	—	—	—	—	72
	Rangpur ...	016	8	6	13	02	96	01	1	005	83	5	5	6	2	0	81	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3	—	1.4	—22.9	—	84
Kashmir	Jammu ...																																								—
Lahore	Lahore (Jail Rd.) ...	000	0	5	00	00	97	01	2	964	91	1	5	6	2	7	77	93	023	3	7	00	00	96	21	6	963	83	3	5	6	7	0	80	82	— 6	+ 3	7.2	— 0.1	10.3	19
	Sialkot ...	014	2	6	00	00	98	29	9	970	90	3	4	6	1	0	78	94	014	0	7	00	00	98	02	2	969	85	4	4	6	7	1	80	81	— 2	+ 2	12.5	— 1.5	18.5	32
Rawalpindi	Jhelum ...	000	0	6	23	02	98	03	1	947	81	2	1	6	7	0	77	95	000	0	7	13	03	97	02	2	957	84	3	5	6	7	0	81	82	—	—	7.5	—	12.0	—
	Islamabad ...																																			—		—		—	—
	Rawalpindi ...	000	0	6	23	03	97	03	2	943	92	2	8	6	3	1	74	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3		2.2	+11.4	22.4	36
	Campbellpur ...	000	0	0	09	00	98	00	0	///	82	0	0	9	0	0	82	89	000	0	0	05	//	97	00	0	//	81	0	0	9	0	0	//	76	—	—	—		—	
Sargodha	Khushab ...	000	0	6	13	03	97	03	2	944	94	2	2	9	6	0	77	99	000	0	0	00	00	97	00	0	957	88	0	0	9	0	0	81	//	— 3	//	5.2	— 0.3	7.2	15
	Sargodha ...	000	0	7	13	05	97	29	9	935	93	5	9	5	2	0	77	00	000	0	4	13	03	97	02	1	947	87	1	6	6	3	0	77	81	—	—	3.2	—	7.2	—
	Lyallpur ...	000	0	6	36	02	97	02	1	960	93	6	4	7	0	0	61	00	000	0	0	29	02	97	/0	9	959	89	0	0	9	0	0	75	85	— 1	+ 4	6.3	+ 2.2	9.6	12
Multan	Sahiwal ...																																			—	—	—	—	—	10
	Multan ...	000	0	4	13	03	95	09	/	///	//	1	5	6	3	0	75	//	000	0	0	21	12	96	07	0	954	88	0	0	9	0	0	80	86	//	+ 2	1.8	— 0.8	2.4	7
	Leiah ...	000	0	8	36	06	94	02	2	923	03	0	8	7	0	0	73	02	000	0	0	36	02	93	00	2	962	06	0	0	9	0	0	76	83	—	—	—	—	—	8
Bahawalpur	Khanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	3	03	09	96	02	0	973	82	3	0	9	3	0	76	82	—	—	1.1	— 1.8	1.5	6
	Bahawalpur ...	000	0	3	00	00	96	00	0	967	98	0	0	9	0	2	69	00	000	0	0	20	02	95	05	0	979	87	0	0	9	0	0	75	84	—	—	0.0	— 2.8	0.3	6
	Fort Abbas ...	///	/	0	23	04	98	00	0	955	97	0	0	9	0	0	79	12	000	0	0	23	02	98	00	0	//	//	0	0	9	0	0	63	87	—	...	—	—	—	8
Malakand	Chakdara ...	000	0	1	27	03	97	03	0	992	92	1	1	7	0	0	78	92	000	0	5	18	05	97	02	0	936	83	5	0	9	3	0	75	76	—	—	4.5	—	7.4	—
Peshawar	Peshawar ...	000	0	1	00	00	97	03	0	931	94	1	1	6	0	/	77	95	000	0	4	00	00	97	02	1	947	87	1	3	6	3	0	77	81	— 6	+ 2	3.0	+ 1.4	11.5	11
	Haripur ...	000	3	4	05	03	92	03	2	994	84	4	0	9	4	0	76	87	005	3	7	09	03	97	02	9	959	83	5	3	6	3	0	79	79	—	—	12.4	—	20.3	—
D. I. Khan	Bannu ...	000	0	4	00	00	99	01	2	965	93	4	2	7	0	0	77	94	000	0	0	00	00	98	02	0	962	90	0	0	9	0	0	82	85	—	—	0.7	—	3.0	11
	D. I. Khan ...	0.0	0	4	.4	02	97	01	0	943	98	1	1	7	0	/	80	00	000	0	1	05	02	97	01	1	954	88	1	0	9	3	0	83	83	— 2	+ 2	0.5	— 2.5	3.3	9
Quetta	Sibi ...																																			—	—	—	—	—	5
	Nokkundi ...	000	0	6	31	09	56	03	2	901	07	0	0	9	6	8	52	09	000	0	3	31	31	95	05	4	951	87	3	0	9	7	0	55	86	—	—	0.0	—	0.0	2
Kalat	Turbat ...	000	0	0	11	03	98	00	0	415	92	0	0	9	0	0	89	95	001	0	0	25	02	98	00	0	047	82	0	0	9	0	0	75	80	—	—	0.0	—	0.0	—
	Jiwani ...	000	0	6	18	09	96	03	1	006	84	6	6	5	0	0	75	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	—	1.5	5
	Pasni ...	000	0	0	27	02	97	02	0	///	//	0	0	9	0	0	77	//	000	0	0	03	02	97	02	0	///	76	0	0	9	0	0	67	//	—	—	0.0	— 0.7	0.0	6
	Ormara ...	000	0	6	27	16	96	02	2	991	84	3	6	6	3	0	78	87	000	0	1	27	05	96	04	4	009	82	1	6	6	0	0	76	//	—	—	0.8	+ 0.1	0.8	6
	Lasbela ...	///	0	6	00	00	98	00	0	010	81	0	0	8	0	0	78	81	000	0	0	00	00	98	00	0	996	83	0	0	9	0	0	79	82	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora) ...	000	0	5	27	09	96	03	2	000	84	2	6	5	5	0	79	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1	—	—	—	—	8
	Karachi (Airport) ...	000	0	6	25	05	96	01	2	997	85	4	5	5	3	0	63	80	000	0	6	27	14	96	03	1	005	82	6	6	5	0	0	78	80	—	—	1.4	—	1.5	—
Hyderabad	Nagarparker ...																																			—	—	—		—	—
	Chhor ...	000	0	6	23	09	96	03	2	973	89	6	4	6	0	0	78	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	2.9	—	3.7	7
	Hyderabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	23	07	97	02	0	991	83	0	0	9	0	0	75	80	—	0	0.9	— 2.6	0.9	9
	Badin ...	004	2	6	23	09	97	10	5	998	84	4	7	5	2	0	78	91	004	9	2	23	09	96	01	1	007	82	1	2	6	6	0	76	79	—	—	0.4	— 3.6	0.4	—
Khairpur	Padidan ...	008	0	4	13	02	96	02	1	97/	97	2	2	6	2	0	73	98	000	0	0	13	03	96	02	0	970	83	0	0	9	0	0	75	80	—	—	0.2	—	0.2	—
	Nawabshah ...	000	0	5	18	05	96	01	2	981	95	5	5	6	0	0	79	96	000	0	0	18	12	96	02	0	978	83	0	0	9	0	0	76	79	—	—	0.6	—	0.6	4
	Sukkur ...	000	0	7	23	10	96	03	0	969	95	7	0	9	0	9	81	96	000	0	0	23	05	96	02	0	972	83	0	0	9	0	0	49	81	—	—	2.2	—	2.2	—
	Kashmore ...	172	8	8	00	00	9.	17	6	978	89	8	2	2	0	0	77	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	—	0.0	4
	Jacobabad ...	000	0	7	18	05	96	05	2	959	97	1	1	6	0	7	63	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 19	—	2.5	+ 1.3	2.6	20
Junagadh	Veraval ...																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar * ...																																								71
	Gulmarg ** ...																																								26
	Sonamarg ** ...																																								3
	Dras ** ...																																								6
	Leh ** ...																																								—
	Skardu * ...																																								—
	Misgar ** ...																																								5
	Aliabad * ...																																								59
	Gilgit * ...																																								18
Rawalpindi	Murree * ...	005	2	5	09	02	98	02	6	417	67	5	5	3	0	0	65	68	005	9	5	31	02	98	02	1	418	75	5	5	4	0	0	63	60	— 8	— 2	25.2	+ 8.5	34.6	29
Malakand	Drosh * ...	000	0	2	14	02	97	02	0	354	97	3	2	7	6	0	56	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			1.3	—	9.9	—
Peshawar	Cherat * ...	000	0	3	27	03	98	01	1	417	82	3	2	8	0	0	74	83	000	0	6	18	02	96	03	2	405	76	6	4	8	0	0	73	70	— 5	— 1				—
	Kakul * ...	000	0	6	16	09	98	03	1	400	81	4	3	6	3	0	68	83	000	0	5	18	02	97	02	2	407	77	1	2	6	6	2	65	71	—	—	17.5	—	32.5	29
	Landikotal * ...	000	0	2	09	05	93	01	2	406	88	2	2	/	0	0	71	91	000	0	5	18	05	97	02	2	410	79	6	2	/	2	0	73	73	—	—	5.8	—	14.9	13
	Parachinar * ...	000	0	2	13	02	97	01	1	415	80	2	5	6	0	0	65	82	000	0	3	00	00	97	01	1	418	74	2	5	6	3	0	68	70	— 6	+ 4	4.8	—	12.4	11
D.I. Khan	Miranshah * ...	000	0	4	05	05	97	00	1	393	91	4	0	9	0	1	73	93	000	0	4	05	05	97	00	1	339	84	4	0	9	0	1	68	71	—	—	0.0	— 2.5	1.6	13
	Wana * ...	000	0	2	13	06	98	00	0	381	87	2	5	8	0	0	83	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.3		1.0	—
Quetta	Fort Sandeman * ...	000	0	3	31	02	96	50	/	375	97	2	1	7	1	1	55	97	000	0	1	00	00	96	05	0	401	81	1	1	7	0	0	69	76	— 2	+ 3	5.1	+ 2.3	2.9	9
	Hindubagh * ...	000	0	8	34	02	95	03	0	///	93	8	4	4	0	0	59	97	000	0	0	25	19	95	05	0	///	82	0	0	9	0	0	53	68	—	—	0.4	—	2.1	—
	Loralai * ...																																			—	—	—	—	—	14
	Barkhan * ...																																			—	—				9
	Harnai * ...	000	0	0	31	01	96	30	0	405	91	0	2	7	0	1	71	93	000	0	0	11	01	96	02	0	374	82	0	2	7	/	/	73	79	—	—	0.0	— 4.0	0.0	8
	Samungli (Quetta) * ...	000	0	3	31	07	97	03	0	385	95	1	2	6	3	0	57	96	000	0	0	00	00	96	04	0	413	79	0	0	9	0	0	57	68	— 4	— 7	0.5	— 0.2	3.2	—
	Chaman * ...	000	0	0	27	00	98	00	0	437	99	0	0	9	0	2	52	11	000	0	0	27	03	98	00	0	462	78	0	0	9	0	0	50	79	— 10	+ 4	0.6	— 0.1	1.3	—
	Nushki * ...	000	0	3	31	05	94	06	0	400	04	0	0	9	0	0	50	05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	—	1.1	4
	Dalbandin * ...	000	0	6	23	03	94	06	2	437	02	0	0	9	3	0	45	04	000	0	0	23	05	95	06	0	407	87	0	0	9	0	0	55	81	— 5	+ 6	0.0	— 0.1	0.7	7
Kalat	Kalat * ...	000	0	8	36	00	91	00	2	384	86	0	2	9	0	0	77	88	000	0	6	05	00	91	00	2	415	72	0	2	9	0	0	56	71	— 4	— 16	0.0	— 0.8	0.4	—
	Khuzdar * ...	000	0	8	13	03	96	03	2	395	84	5	5	6	2	0	63	86	000	0	5	27	03	96	03	1	400	75	3	5	6	2	0	66	73	—	—	0.8	—	1.1	5
	Panjgur * ...	000	0	8	23	09	95	05	2	413	90	3	5	6	2	0	66	92	000	0	5	23	05	95	05	2	424	77	3	5	6	2	0	71	76	— 11	0	0.0	—	0.0	—

† 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 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

When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

National Oceanic and Atmospheric Administration

Climate Database Modernization Program

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PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 1st AUGUST, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99L$_a$L$_a$L$_a$	Q$_c$L$_o$L$_o$L$_o$L$_o$	YYGG$_{iw}$ N dd FF	VV $_w$ $_w$ W	PPP TT	N$_h$C$_L$hC$_M$C$_H$	D$_v$V$_a$ PP	7RR t$_R$t$_R$	8N$_s$Ch$_s$h$_s$	OT$_s$T$_s$T$_d$T$_d$	1T$_w$T$_w$T$_{wt}$T$_{wt}$	3P$_w$P$_w$H$_w$H$_w$	d$_w$d$_w$P$_w$H$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PoPoPoToToToDoDo	1000$_{mb}$	850$_{mb}$	700$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$	70$_{mb}$	50$_{mb}$	30$_{mb}$
			hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	997 280 19	001 /// ///	400 204 32	072 110 58	581 041 65	754 115 81	970 225 /	260 367 /	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	995 278 23	547 /// ///	300 238 35	066 158 43	585 018 /	761 093 /	797 219 /	266 417 /	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	975 264 35	531 /// ///	MISDA	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT$_a$ DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmPmPmdmdmfmfmfm	PcPcPcTcTcTat	dtdtftftft	P$_t$P$_t$P$_t$T$_t$T$_t$T$_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...	00 00	680 098 64	483 000 /	015 337 / /	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...													

UPPER WIND DATA

	At 1200 hrs. G.M.T. † of Previous day (dd/ff)									At 0000 hrs. G.M.T. † of date (dd/ff)						At 0600 hrs. G.M.T. † of date (dd/ff)										
Height in kms a.a.l.—>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 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
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	215 07	195 05	170 05	145 09	095 10	...	...	...	...	030 03	055 04	070 05	175 04	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	225 06	225 06	240 06	...	...	...	...	...	...	220 17	225 19	230 20	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	170 14	170 21	170 22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cher t ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacc ...	180 12	190 15	195 7	...	...	...	...	...	...	No Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	No Ascent	...	...	...	...	...	210 04	190 02	330 02	345 06	350 05	...	...	...	...	...	...
D. I. Khan ...	185 07	170 10	195 11	195 08	185 08	220 05	275 07	310 13	345 21	160 08	180 10	190 11	260 12	261 21	265 18	280 16	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	230 14	205 13	170 05	055 02	315 10	290 06	...	...	...	220 19	220 19	225 23	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	225 05	205 04	155 05	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	010 05	150 03	175 03	215 09	265 14	...	...	...	...	030 04	335 01	290 21	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	180 15	150 11	1 5 09	205 05	200 03	020 03	165 06	195 07	190 06	2 0 00	315 05	340 05	310 08	320 11	325 13	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	250 07	265 09	275 09	315 06	340 04	295 00	...	...	...	135 04	185 05	220 06	275 10	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	170 22	165 17	180 19	...	...	...	...	...	...	210 06	215 08	...	...	...	...	318 51	0 7 08	150 08	245 06	...	...	...	...	...	...	...
Karachi ...	245 18	265 20	250 21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	210 18	230 19	245 16	265 12	290 04	020 12	...	...	...	225 21	230 11	240 14	230 11	195 12	210 09	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	280 10	250 13	330 17	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	180 10	185 08	150 08	155 15	...	...	...	...	...	155 08	175 10	...	170 10	225 13	255 12	125 08	140 12	155 12	260 05	280 11	...	...	...	...	...	...
Multan ...	190 09	180 07	175 06	155 06	130 05	355 03	345 12	...	...	210 17	220 21	2 5 16	225 10	275 05	350 06	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	180 06	190 05	200 05	315 02	305 03	...	...	...	...	200 17	260 08	250 06	220 05	320 04	015 15	...	...	...	...	...	...	...	...	...	...	...
Nokkundi ...	...	...	330 19	345 06	325 09	310 13	255 04	...	...	No Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	260 11	300 20	250 06	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	035 04	135 04	195 07	260 05	305 12	310 25	315 13	330 15	...	350 07	010 12	290 07	040 12	210 15	...	...	360 02	295 23	300 09	360 06	300 12	...	350 09	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	145 03	245 04	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	/// ///	325 08	...	025 05	...	...	...	...	...	/// ///	235 06	285 03	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	175 03	115 05	060 06	030 01	245 08	275 07	325 10	350 13	335 05	175 06	195 17	220 12	255 09	300 08	345 06	...	...	...	...	...	...	...	...	...	...	...
Skardu ...	...	...	...	/// ///	/// ///	...	245 04	175 03	350 15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms a.a.l.—>	0.3	0.6	0.9	1.5	2.1	3.0	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...	275 21	270 23	295 19	305 17	305 17	025 12	045 12	065 15	040 12	055 11	090 15	070 12	050 14	060 12	095 15	110 19	...	...	...	...	...
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (Iliii Cdd V, V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

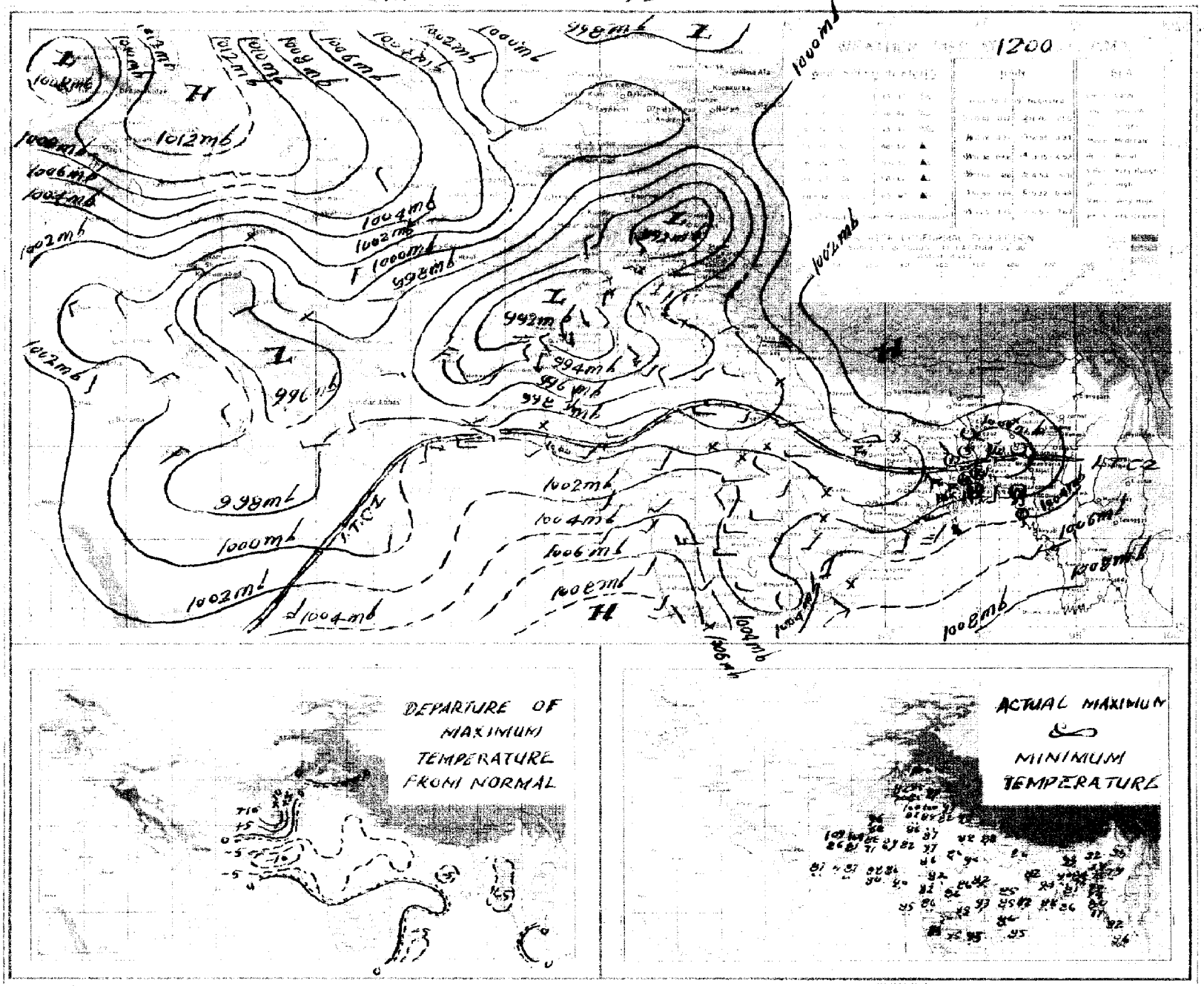
The actual time of observations may vary within half an hour of the specified time

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "ff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32

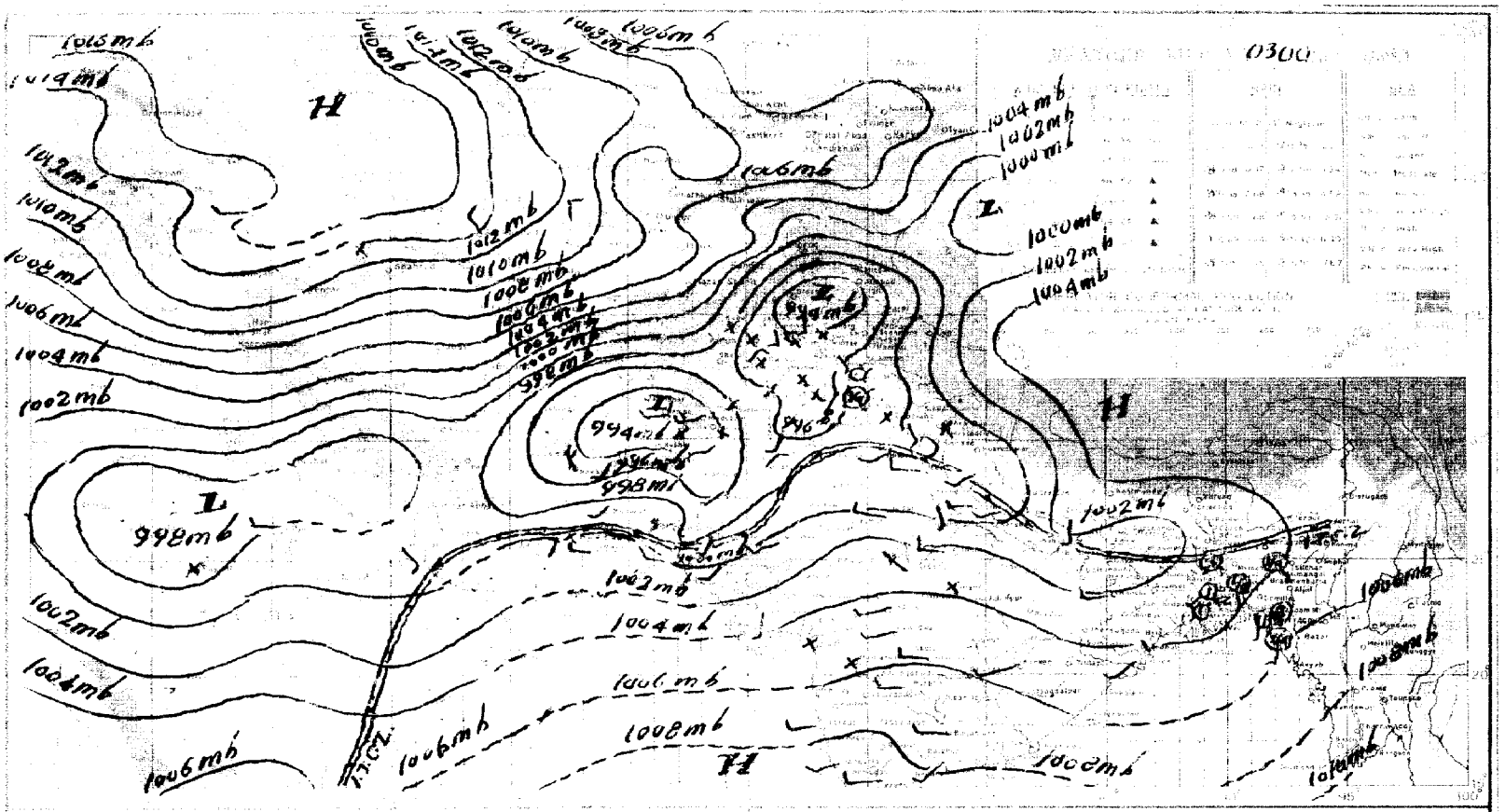
PAKISTAN DAILY WEATHER MAP

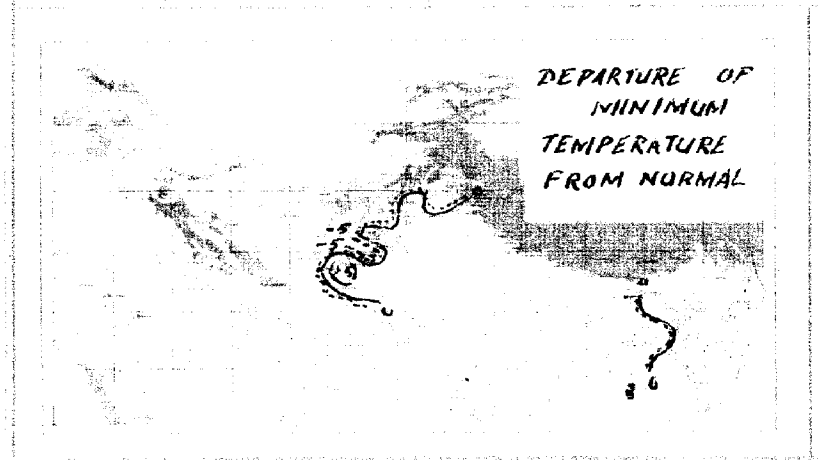
SATURDAY 31st JULY, 1971

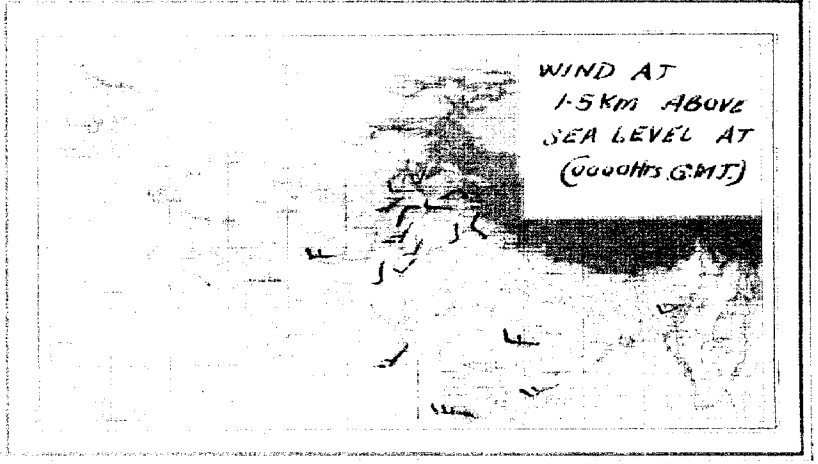


PAKISTAN DAILY WEATHER MAP

SUNDAY 1st AUGUST, 197







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Reg. No. S-1467
Volume No. 25

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 1st AUGUST, 1971.

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

Yesterday's trough of low over northeastern Rajasthan and adjoining East Punjab become unimportant last evening,
Rain/thundershowers had been fairly widespread in East Pakistan.

Yesterday's secondary western disturbance over northern parts of West Pakistan and adjoining areas has moved away northeastwards. Its associated trough extends upto Multan division.

Widespread rain/thundershowers have occured in Lahore division, fairly widespread in Rawalpindi division and scattered in Sargodha division. Isolated rain/thunderstorms have also been reported from Hyderabad and Khairpur divisions.

Chief amounts of rainfall are Chittagong 11", Rangamati 6", Bogra 3", Satkhira and Jessore 1" each. Cox's Bazar 3/4", Narayanganj ½", Sylhet, Srimangal, Dacca, Lahore ½" each.

Day temperatures were 3–11 °F (2–6 °C) below normal in Chittagong, Dacca, Khulna, Rajshahi, Lahore, Rawalpindi, Sargodha, Peshawar, Quetta Kalat and Khairpur divisions and were nearly normal elsewhere over the country.

Forecast valid until the evening of the 2nd August, 1971 :—Rain/thundershowers will be fairly widespread in East Pakistan and scattered in Lahore, Rawalpindi, Sargodha, Multan, Malakand and Peshawar divisions. Mainly dry weather is likely to prevail elsewhere over West Pakistan.

Karachi-32
The 1st August, 1971.

OBSERVATIONS

M. SHAHABUDDIN
for Director Meteorological Services.

At 12 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)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)° PPP (11)	Dry Bulb temperature TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	003	7	7	18	05	98	02	2	054	79	0	7	5	1	/	76	83
	Cox's Bazar ...	017	9	8	18	09	97	02	6	038	80	5	7	4	2	0	74	80
	Chittagong ...	006	8	8	16	08	96	02	6	0/2	79	7	7	3	2	0	74	79
	Maijdee Court ...																	
	Comilla ...																	
	Brahmanbaria ...																	
	Sylhet ...	018	9	8	13	02	96	02	6	012	//	7	7	4	2	/	75	79
	Srimangal ...	004	1	8	00	00	96	95	6	027	79	4	9	3	6	2	75	80
Dacca	Mymensingh ...	055	0	7	00	00	97	02	2	022	82	7	5	4	0	0	79	88
	Narayanganj ...	000	0	8	13	02	95	03	5	021	84	8	7	3	/	/	76	84
	Dacca (Tejgaon) ...	004	1	/	//	./	96	21	6	022	82	5	8	4	2	/	79	84
	Faridpur ...	060	6	8	00	00	97	02	6	041	79	6	5	5	1	0	77	//
Khulna	Barisal ...	000	0	7	21	06	96	02	2	031	80	6	6	3	2	0	75	//
	Khulna ...	070	0	8	00	00	96	02	6	002	79	5	4	5	2	1	79	81
	Satkhira ...	000	0	4	18	03	97	03	2	022	82	4	3	9	2	0	79	88
	Jessore ...	026	1	7	18	07	96	17	9	018	79	5	9	3	2	0	74	88
Rajshahi	Pabna ...																	
	Sirajganj ...	000	1	7	00	00	97	01	9	///	82	7	7	9	/	/	//	88
	Rajshahi ...	092	3	8	31	02	96	06	6	012	77	4	4	9	3	0	77	90
	Bogra ...	270	3	8	00	00	96	21	6	016	76	3	4	4	7	0	79	84
	Dinajpur ...																	
	Rangpur ...	016	8	6	13	02	96	01	1	005	83	5	5	6	2	0	81	93
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	5	00	00	97	0/	2	964	91	/	5	6	2	7	77	93
	Sialkot ...	014	2	6	00	00	98	29	9	970	90	3	4	6	2	0	78	94
Rawalpindi	Jhelum ...	000	0	6	23	02	98	03	1	947	81	2		6	7	0	77	95
	Islamabad ...																	
	Rawalpindi ...	000	0	6	23	03	97	03	2	943	92	2	8	6	3	1	74	93
	Campbellpur ...	000	0	0	09	00	98	00	0	///	82	0	0	9	0	0	82	89
Sargodha	Khushab ...	000	0	6	13	03	97	03	2	944	94	2	2	9	6	0	77	93
	Sargodha ...	000	0	7	13	05	97	29	9	935	93	5	9	5	2	0	77	00
	Lyallpur ...	000	0	6	36	02	97	02	1	960	93	6	4	7	0	0	63	00
Multan	Sahiwal ...																	
	Multan ...	000	0	4	13	03	95	09	/	///	//	1	5	6	3	0	75	//
	Leiah ...	000	0	8	36	06	94	02	2	923	03	0	8	7	0	0	73	02
Bahawalpur	Khanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur ...	000	0	3	00	00	96	00	0	967	98	0	0	9	0	2	69	00
	Fort Abbas ...	///	/	0	23	04	98	00	0	955	97	0	0	9	0	0	79	12
Malakand	Chakdara ...	000	0	1	27	03	97	03	0	992	92	1	1	7	0	0	78	92
Peshawar	Peshawar ...	000	0	1	00	00	97	03	0	931	94	1	1	6	0	/	77	95
	Haripur ...	000	3	4	05	03	92	03	2	994	84	4	0	9	4	0	76	87
D. I. Khan	Bannu ...	000	0	4	00	00	99	01	2	965	93	4	2	7	0	0	77	94
	D. I. Khan ...	0.0	0	4	.4	.2	97	01	0	943	98	1	1	7	0	/	80	00
Quetta	Sibi ...																	
	Nokkundi ...	000	0	6	31	09	96	03	2	901	07	0	0	9	6	8	52	09
Kalat	Turbat ...	000	0	0	11	03	98	00	0	415	92	0	0	9	0	0	99	95
	Jiwani ...	000	0	6	18	09	96	03	1	006	84	6	6	5	0	0	75	87
	Pasni ...	000	0	0	27	02	97	02	0	///	//	0	0	9	0	0	77	//
	Ormara ...	000	0	6	27	16	96	02	2	991	84	3	6	6	3	0	78	87
	Lasbela ...	///	0	6	00	00	98	00	0	010	81	0	0	8	0	0	78	81
Karachi division	Karachi (Manora) ...	000	0	5	27	09	96	03	2	000	84	2	6	5	5	0	79	88
	Karachi (Airport) ...	000	0	6	25	05	96	01	2	997	85	4	5	5	3	0	63	80
Hyderabad	Nagarparker ...																	
	Chhor ...	000	0	6	23	09	96	03	2	973	69	6	4	6	0	0	78	90
	Hyderabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Badin ...	004	2	6	23	09	97	30	5	998	64	4	7	5	2	0	78	91
Khairpur	Padidan ...	008	0	4	13	02	96	02	1	97/	97	2	2	6	2	0	73	98
	Nawabshah ...	000	0	5	18	05	96	01	2	981	95	5	5	6	0	0	79	96
	Sukkur ...	000	0	7	23	10	96	03	0	969	95	7	0	9	0	9	81	96
	Kashmore ...	172	8	8	00	00	9	17	6	973	89	8	2	2	0	0	77	00
	Jacobabad ...	000	0	7	18	05	96	05	2	959	97	1	1	4	0	7	69	89
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	005	2	5	09	02	98	02	6	417	67	5	5	3	0	0	65	68
Malakand	Drosh * ...	000	0	2	14	02	97	02	0	354	97	3	2	7	6	0	56	00
Peshawar	Cherat * ...	000	0	3	27	03	98	01	1	417	82	3	2	8	0	0	74	83
	Kakul * ...	000	0	6	16	09	98	03	1	400	81	4	3	6	3	0	68	83
	Landikotal * ...	000	0	2	09	05	93	01	2	406	88	2	2	/	0	0	71	91
	Parachinar * ...	000	0	2	13	02	97	01	1	415	80	2	5	6	0	0	65	82
D.I. Khan	Miranshah * ...	000	0	4	05	05	97	00	1	393	91	4	0	9	0	1	73	93
	Wana * ...	000	0	2	13	06	98	00	0	381	87	2	5	8	0	0	83	90
Quetta	Fort Sandeman * ...	000	0	3	31	02	96	50	/	375	97	2	1	7	1	1	55	97
	Hindubagh * ...	000	0	8	34	02	95	03	0	///	93	8	4	4	0	0	59	97
	Loralai * ...																	
	Barkhan * ...																	
	Harnai * ...	000	0	0	31	01	96	30	0	405	91	0	2	7	0	1	71	93
	Samungli (Quetta) * ...	000	0	3	31	07	97	03	0	385	95	1	2	6	3	0	57	96
	Chaman * ...	000	0	0	27	00	98	00	0	437	99	0	0	9	0	2	52	11
	Nushki * ...	000	0	3	31	05	94	06	0	403	04	0	0	9	0	0	50	05
	Dalbandin * ...	000	0	6	23	03	94	06	2	437	02	0	0	9	3	0	45	04
Kalat	Kalat * ...	000	0	8	36	00	91	00	2	384	86	0	2	9	0	0	77	88
	Khuzdar * ...	000	0	8	13	03	96	03	2	395	84	5	5	6	2	0	63	86
	Panjgur * ...	000	0	8	23	09	95	05	2	413	90	3	5	6	2	0	66	92

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 degree 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 TnTn (36)	Departure from Normal of: Maximum temperature TxTx (37)	Departure from Normal of: Minimum temperature TnTn (38)	Rainfall: Since 1st June, 1971 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1971 to-date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati ...	534	9	9	18	05	95	62	6	065	76	9	1	4			76	75	— 5	—	—	—	—	—
	Cox's Bazar ...	094	9	8	18	10	96	51	6	055	79	6	5	3	5	0	77	77	—	+ 1	95.7	+28.2	—	140
	Chittagong ...	999	9	8	20	05	93	63	6	060	76	7	7	2	2		76	74	— 7	— 2	64.3	+19.2	—	108
	Maijdee Court ...																		—	—	—	—	—	115
	Comilla ...																		—	—	—	—	—	94
	Brahmanbaria ...																		—	—	—	—	—	78
	Sylhet ...	027	9	6	13	05	96	02	6	003	79	5	5	4	2	/	77	75	—	—	46.4	—	—	—
	Srimangal ...	027	9	7	13	66	96	02	6	034	64	4	9	3	4	3	77	73	— 11	— 3	1.0	—32.3	—	98
Dacca	Mymensingh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—	32.9	— 1.2	—	91
	Narayanganj ...	041	0	8	23	02	97	0/	5	033	81	8	7	3	/	/	77	76	— 4	— 2	3.9	—22.0	—	74
	Dacca (Tejgaon) ...	030	9	7	18	02	97	02	6	031	83	6	8	4	7	0	79	75	—	—	22.8	—	—	—
	Faridpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	//	—	—	—	—	71
Khulna	Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	26.5	— 6.4	—	81
	Khulna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	2.9	+ 4.5	—	68
	Satkhira ...	100	0	4	00	00	97	03	2	032	81	4	3	9	0	0	77	75	—	—	21.7	— 4.4	—	65
	Jessore ...	118	9	7	23	03	96	20	9	034	96	5	7	3	2	6	79	//	— 1	//	12.0	—12.9	—	65
Rajshahi	Pabna ...																		—	—	—	—	—	59
	Sirajganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—	—	—	—	64
	Rajshahi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—
	Bogra ...	270	0	8	00	00	96	02	0	024	79	6	4	4	3	0	77	76	— 5	— 3	11.4	—14.9	—	69
	Dinajpur ...																		—	—	—	—	—	72
	Rangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3	—	1.4	—22.9	—	84
Kashmir	Jammu ...																							—
Lahore	Lahore (Jail Rd.) ...	023	3	7	00	00	96	21	6	963	83	3	5	6	7	0	80	82	— 6	+ 3	7.2	— 0.1	10.3	19
	Sialkot ...	014	0	7	00	00	90	02	2	969	85	4	4	6	7	1	80	81	— 2	+ 2	12.5	— 1.5	18.5	32
Rawalpindi	Jhelum ...	000	0	7	13	03	97	02	2	957	84	3	5	6	7	0	81	82	—	—	7.5	—	12.0	—
	Islamabad ...																		—	—	—	—	—	—
	Rawalpindi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3		2.2	+11.4	22.4	36
	Campbellpur ...	000	0	0	05	/	97	00	0	///	81	0	0	9	0	0	//	76	—	—	—	—	—	—
Sargodha	Khushab ...	002	0	0	00	00	97	00	0	957	88	0	0	9	0	0	51	//	— 3	//	5.2	— 0.3	7.2	15
	Sargodha ...	000	0	4	13	03	97	02	1	947	87	1	5	6	3	0	77	81	—	—	3.2	—	7.0	—
	Lyallpur ...	000	0	0	29	02	97	10	0	959	89	0	0	9	0	0	75	85	— 1	+ 4	6.3	+ 2.2	9.6	12
Multan	Sahiwal ...																		—	—	—	—	—	10
	Multan ...	000	0	0	21	12	96	07	0	954	88	0	0	9	0	0	80	86	//	+ 2	1.8	— 0.8	2.4	7
	Leiah ...	000	0	0	36	02	93	00	2	962	06	0	0	9	0	0	76	83	—	—	—	—	—	8
Bahawalpur	Khanpur ...	000	0	3	03	09	96	02	0	973	82	3	0	9	3	0	76	82	—	—	1.1	— 1.8	1.5	6
	Bahawalpur ...	003	0	0	20	02	95	05	0	979	87	0	0	9	0	0	75	84	—	—	0.0	— 2.8	0.3	6
	Fort Abbas ...	000	0	0	23	02	98	C0	0	///	//	0	0	9	0	0	63	67	—	—	—	—	—	8
Malakand	Chakdara ...	000	0	5	18	05	97	02	0	936	83	5	0	9	3	0	75	76	—	—	4.5	—	7.4	—
Peshawar	Peshawar ...	000	0	4	00	00	97	02	1	947	87	1	3	6	3	0	77	81	— 6	+ 2	3.0	+ 1.4	11.5	11
	Haripur ...	005	3	7	09	03	97	02	9	959	83	5	3	6	3	0	79	79	—	—	12.4	—	20.3	—
D. I. Khan	Bannu ...	000	0	0	00	00	98	02	0	962	90	0	0	9	0	0	82	85	—	—	0.7	—	3.0	11
	D. I. Khan ...	000	0	1	05	02	97	01	1	954	88	1	0	9	3	0	83	63	— 2	+ 2	0.5	— 2.5	3.3	9
Quetta	Sibi ...																		—	—	—	—	—	5
	Nokkundi ...	000	0	3	31	21	95	05	4	951	83	3	0	9	7	0	55	86	—	—	0.0	—	0.0	2
Kalat	Turbat ...	001	0	0	25	02	98	00	0	047	82	0	0	9	0	0	75	80	—	—	0.0	—	0.0	—
	Jiwani ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	—	1.5	5
	Pasni ...	000	0	0	07	02	97	02	0	///	76	0	0	9	0	0	67	//	—	—	0.0	— 0.7	0.0	6
	Ormara ...	000	0	1	27	05	96	04	4	009	32	1	6	6	0	0	76	//	—	—	0.8	+ 0.1	0.8	6
	Lasbela ...	000	0	0	00	00	98	00	0	996	83	0	0	9	0	0	79	82	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ !	—	...	—	—	8
	Karachi (Airport) ...	000	0	6	27	14	96	03	1	005	82	6	6	5	0	0	78	80	—	—	1.4	—	1.5	—
Hyderabad	Nagarparker ...																		—	—	—	—	—	—
	Chhor ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	2.9	—	3.7	7
	Hyderabad ...	000	0	0	23	07	97	02	0	991	83	0	0	9	0	0	75	80	—	0	0.9	— 2.6	0.9	9
	Badin ...	004	9	2	23	09	96	01	1	007	82	1	2	6	6	0	76	79	—	—	0.4	— 3.6	0.4	—
Khairpur	Padidan ...	000	0	0	13	03	96	02	0	970	83	0	0	9	0	0	75	80	—	—	0.2	—	0.2	—
	Nawabshah ...	000	0	0	18	12	96	02	0	978	83	0	0	9	0	0	76	79	—	—	0.6	—	0.6	4
	Sukkur ...	000	0	0	23	05	96	02	0	972	83	0	0	9	0	0	49	81	—	—	2.2	—	2.2	—
	Kashmore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	—	0.0	4
	Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 19	—	2.5	+ 1.3	2.6	20
Junagadh	Veraval ...																							26
	HILL STATIONS																							—
Kashmir	Srinagar * ...																							71
	Gulmarg ** ...																							26
	Sonamarg ** ...																							3
	Dras ** ...																							6
	Leh ** ...																							—
	Skardu * ...																							—
	Misgar ** ...																							5
	Aliabad * ...																							59
	Gilgit * ...																							18
Rawalpindi	Murree * ...	005	9	5	31	02	98	02	1	418	/5	5	5	4	0	0	63	60	— 8	— 2	25.2	+ 8.5	34.6	29
Malakand	Drosh * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			1.3	—	9.9	—
Peshawar	Cherat * ...	000	0	6	18	02	96	03	2	405	76	6	4	8	0	0	73	70	— 5	— 1				—
	Kakul * ...	000	0	5	18	02	97	02	2	407	77	1	2	6	6	2	65	71	—	—	17.5	—	32.5	29
	Landikotal * ...	000	0	5	18	05	97	02	2	410	79	6	2	/	2	0	73	73	—	—	5.8	—	14.9	13
	Parachinar * ...	003	0	3	00	00	97	01	1	418	74	2	5	6	3	0	68	70	— 6	+ 4	4.8	—	12.4	11
D.I. Khan	Miranshah * ...	000	0	4	05	05	97	00	1	339	84	4	0	9	0	1	68	71	—	—	0.0	— 2.5	1.6	13
	Wana * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.3	—	1.0	—
Quetta	Fort Sandeman * ...	000	0	1	00	00	96	05	0	401	81	1	1	7	0	0	69	76	— 2	+ 3	5.1	+ 2.3	2.9	9
	Hindubagh * ...	000	0	0	25	19	95	05	0	///	62	0	0	9	0	0	53	68	—	—	0.4	—	2.1	—
	Loralai * ...																		—	—	—	—	—	14
	Barkhan * ...																		—	—	—	—	—	9
	Harnai * ...	000	0	0	11	01	96	02	0	374	82	0	2	7	/	/	73	79	—	—	0.0	— 4.0	0.0	8
	Samungli (Quetta) * ...	000	0	0	00	03	96	04	0	413	79	0	0	9	0	0	57	68	— 4	— 7	0.5	— 0.2	3.2	—
	Chaman * ...	000	0	0	27	03	98	00	0	462	78	0	0	9	0	0	50	79	— 10	+ 4	0.6	— 0.1	1.3	—
	Nushki * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	—	1.1	4
	Dalbandin * ...	000	0	0	23	05	95	06	0	407	87	0	0	9	0	0	55	81	— 5	+ 6	0.0	— 0.1	0.7	7
Kalat	Kalat * ...	000	0	6	05	00	91	00	2	415	72	0	2	9	0	0	56	71	— 4	— 16	0.0	— 0.8	0.4	—
	Khuzdar * ...	000	0	5	27	03	96	03	1	400	75	3	5	6	2	0	66	73	—	—	0.8	—	1.1	5
	Panjgur * ...	000	0	6	23	05	95	05	2	424	77	3	5	6	2	0	71	76	— 11	0	0.0	—	0.0	—

† 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 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

When ever 999 is given RRR see the summary above for the actual amounts of rainfall

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 1st AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGGi_w$	N dd FF	$VV_{ww}W$	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	$7RR\ t_Rt_R$	$8N_sC h_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

U. S. D... of Commerce
N.O.A.A.
ATMOS... SCIENCES
Li...

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G. M. T.	Surface $P_oP_oP_oT_oT_oT_oD_oD_o$	1000_{mb}	850_{mb}	700_{mb}	500_{mb}	400_{mb}	300_{mb}	200_{mb}	150_{mb}	100_{mb}	70_{mb}	50_{mb}	30_{mb}
			hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	MISDA		...	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	MISDA		...	...	...	...	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	997 260 19	001 /// //	400 204 32	072 110 58	581 041 65	754 115 61	970 225 //	260 367 //	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	995 278 23	547 /// //	300 238 35	066 158 48	585 018 //	761 093 //	797 219 //	266 417 //	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	975 264 35	531 /// //	MISDA	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT_a DD							Max. Wind Speed $P_mP_mP_md_md_mf_mf_mf_m$	TROPOPAUSE First $P_tP_tP_tT_tT_tT_at$	Transition $d_td_tf_tf_tf_t$	Second $P_tP_tP_tT_tT_tT_t$	Transition dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...	00 00	680 098 64	483 000 //	015 33/ //	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...													

UPPER WIND DATA

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

Height in kms a.s.l.→ / STATION 1	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)
Barisal	...	...	...	...	...	...	...	...	...
Bogra	...	...	...	...	...	...	...	...	...
Chaklala	...	215 07	195 05	170 05	145 09	095 10	...	...	...
Chhor	225 06	225 06	240 06	...	...	...	...	...	...
Chittagong	170 14	170 21	170 22	...	...	...	...	...	...
Cherat	...	...	...	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...
Dacca	180 12	190 15	195 17	...	...	...	...	...	...
Dalbandin	...	...	...	...	...	...	...	...	...
D. I. Khan	185 07	170 10	195 11	195 08	185 08	220 05	275 07	310 13	345 21
Drosh	...	...	...	230 14	205 13	170 05	055 02	315 10	290 06
Fort Sandeman	...	...	...	...	...	...	...	...	...
Gilgit	...	...	...	010 05	150 03	175 03	225 09	265 14	...
Ishurdi	...	...	...	...	...	...	...	...	...
Jacobabad	...	...	...	...	...	...	...	...	...
Jessore	...	...	...	...	...	...	...	...	...
Jhelum	250 07	265 09	275 08	315 06	340 04	295 08	...	...	...
Jiwani	170 22	165 17	180 19	...	...	...	...	...	...
Karachi	245 18	265 20	250 21	...	...	...	...	...	...
Khanpur	210 18	230 19	245 16	265 12	290 04	020 12	...	...	...
Khuzdar	...	...	...	...	...	...	...	...	...
Lahore	180 10	185 08	150 08	155 15	...	...	...	...	...
Multan	190 09	180 07	175 06	135 08	130 05	355 03	345 12	...	...
Nawab Shah	180 06	190 05	200 05	325 02	305 03	...	...	...	...
Nokkundi	...	...	330 19	345 06	325 09	310 13	255 04	...	...
Panjgur	...	...	...	...	...	...	...	...	...
Peshawar	...	035 04	135 04	195 07	260 05	305 12	310 25	315 13	330 15
Parachinar	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	/// //	325 08	...	025 05	...	...
Sargodha	175 03	115 05	080 06	030 01	245 08	275 07	325 10	350 13	325 05
Skardu	...	...	...	/// //	/// //	...	245 04	175 03	350 15
Sylhet	...	...	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (ddfff)

STATION 1	0.3 (11)	0.6 (12)	0.9 (13)	1.5 (14)	2.1 (15)	3.0 (16)
Barisal	...	...	...	...	...	...
Bogra	...	...	...	...	...	...
Chaklala	...	030 03	055 04	070 05	175 04	...
Chhor	220 17	225 19	230 20	...	...	...
Chittagong	...	...	...	...	...	...
Cherat	...	...	...	...	...	...
Cox's Bazar	No	Ascent	...	...	...	...
Dacca	No	Ascent	...	...	...	...
Dalbandin	...	...	260 12	26[illegible] 21	265 18	280 6
D. I. Khan	160 08	180 10	190 11	220 19	225 33	...
Drosh	...	...	...	225 05	205 04	155 05
Fort Sandeman	...	...	...	030 04	335 01	290 21
Gilgit	...	...	...	...	...	...
Ishurdi	...	...	...	...	...	...
Jacobabad	180 15	150 11	115 05	205 05	200 03	020 03
Jessore	...	...	...	...	...	...
Jhelum	135 04	185 05	220 06	275 10	...	...
Jiwani	210 06	215 08	...	...	...	...
Karachi	...	...	...	...	...	...
Khanpur	225 21	230 11	240 14	230 11	195 12	210 09
Khuzdar	...	...	...	280 10	250 13	330 17
Lahore	155 08	175 10	...	150 10	225 13	295 12
Multan	210 17	220 21	235 16	225 10	275 05	350 06
Nawab Shah	200 17	260 08	250 06	220 05	320 04	015 15
Nokkundi	No	Ascent	...	...	...	...
Panjgur	...	...	...	260 11	300 20	350 06
Peshawar	...	350 07	010 12	290 07	040 12	270 15
Parachinar	...	...	...	...	145 03	245 04
Quetta	...	...	...	/// //	235 06	285 03
Sargodha	175 06	195 17	220 12	255 09	300 08	345 06
Skardu	...	...	...	...	...	...
Sylhet	...	...	...	...	...	...
Veraval	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (ddfff)

STATION 1	0.3 (17)	0.6 (18)	0.9 (19)	1.5 (20)	2.1 (21)	3.0 (22)	4.5 (23)	5.4 (24)	6.0 (25)	7.2 (26)	9.0 (27)
Barisal	...	...	...	...	...	...	...	...	...	...	...
Bogra	...	...	...	...	...	...	...	...	...	...	...
Chaklala	...	...	...	...	...	...	...	...	...	...	...
Chhor	...	...	...	...	...	...	...	...	...	...	...
Chittagong	...	...	...	...	...	...	...	...	...	...	...
Cherat	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...
Dacca	...	...	...	...	...	...	...	...	...	...	...
Dalbandin	210 04	190 02	330 02	345 06	350 05	...	...	...	...	...	...
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	...	...	...	...	...	...	...	...
Gilgit	...	...	...	...	...	...	...	...	...	...	...
Ishurdi	...	...	...	...	...	...	...	...	...	...	...
Jacobabad	165 06	195 07	190 06	270 00	315 05	340 05	310 08	320 11	335 13	...	...
Jessore	...	...	...	...	...	...	...	...	...	...	...
Jhelum	...	...	...	...	...	...	...	...	...	...	...
Jiwani	...	...	...	...	...	...	...	...	...	...	...
Karachi	318 51	070 08	150 08	245 06	...	...	...	...	...	...	...
Khanpur	...	...	...	...	...	...	...	...	...	...	...
Khuzdar	...	...	...	...	...	...	...	...	...	...	...
Lahore	125 08	140 12	155 12	260 05	280 11	...	...	...	...	...	...
Multan	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah	...	...	...	...	...	...	...	...	...	...	...
Nokkundi	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	...	360 02	295 23	300 09	360 06	300 12	...	350 09	...	...
Parachinar	...	...	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	...	...	...	...	...	...	...
Sargodha	...	...	...	...	...	...	...	...	...	...	...
Skardu	...	...	...	...	...	...	...	...	...	...	...
Sylhet	...	...	...	...	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...

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

Height in g p. Kms a.s.l→ / STATION 1	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	3.6 (8)	4.5 (9)	5.4 (10)	6.0 (11)	7.2 (12)	9.0 (13)	10.5 (14)	12.0 (15)	13.5 (16)	14.1 (17)	15.0 (18)	16.2 (19)	18.5 (20)	20.5 (21)	23.5 (22)
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...	275 21	270 23	295 19	305 17	305 17	025 12	045 12	065 15	040 12	055 11	090 15	070 12	050 14	060 12	095 15	110 19	...	...	...	...	...
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V_r V_r etc.)

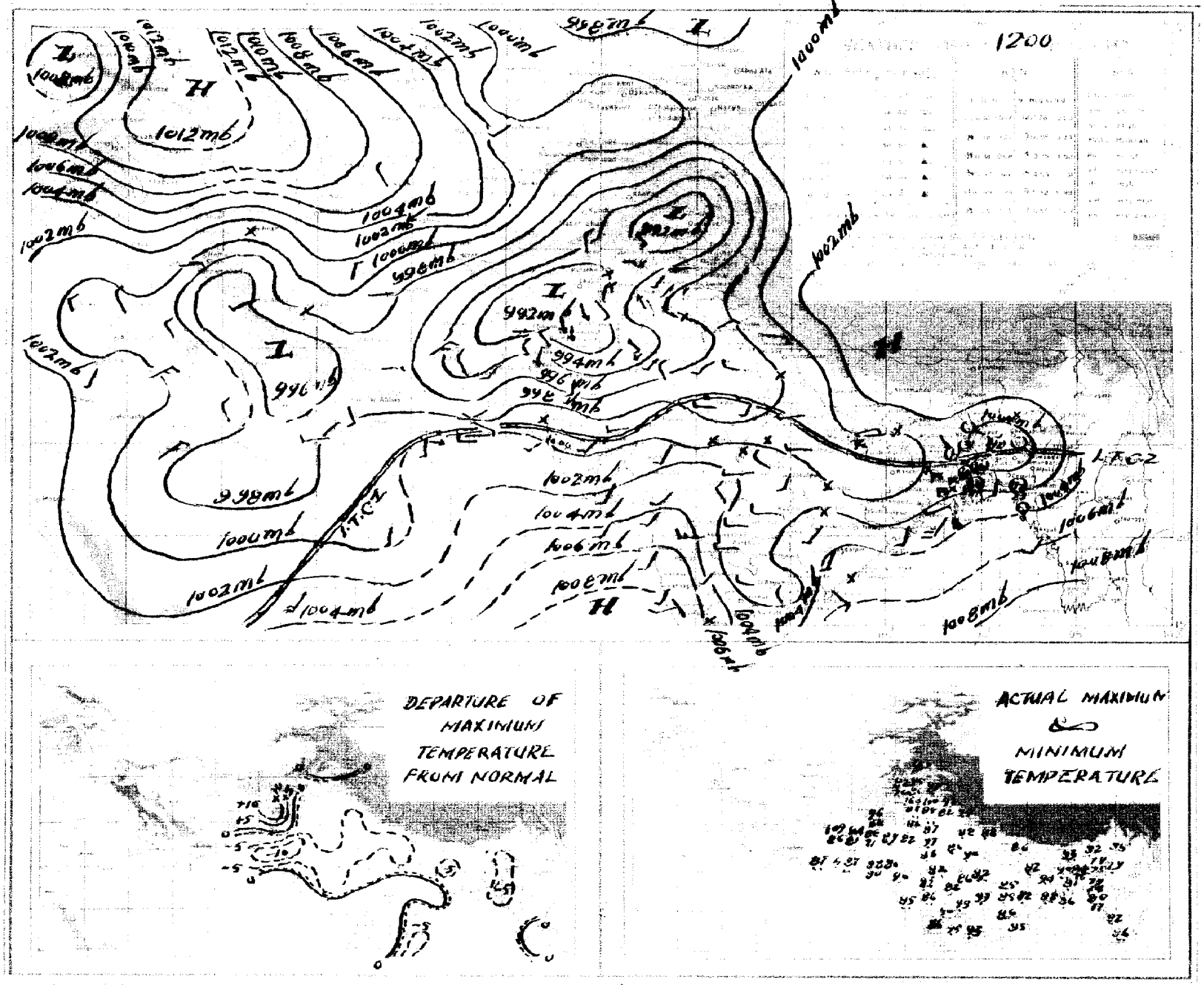
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
T_a—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East
The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32

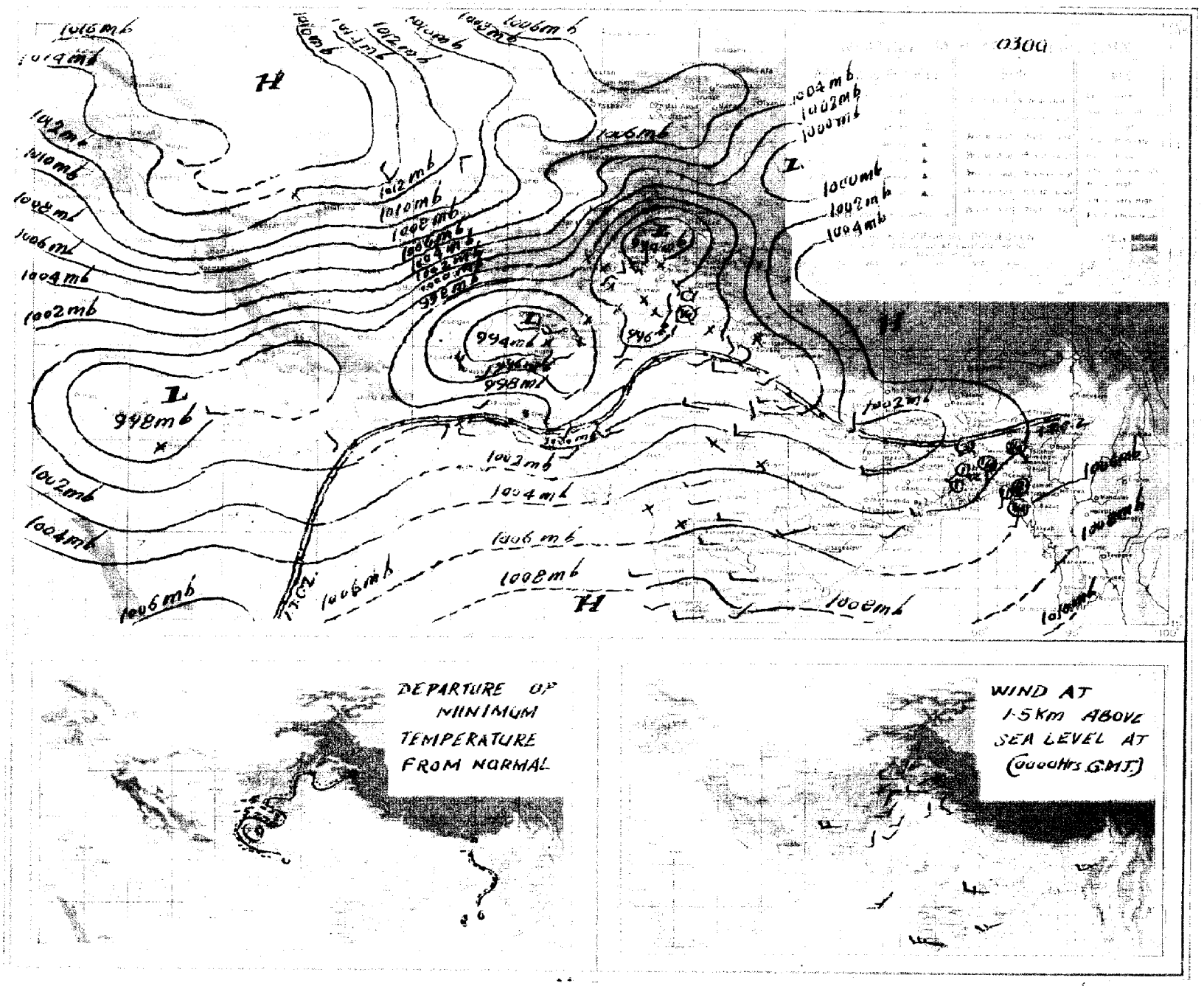
PAKISTAN DAILY WEATHER MAP

SATURDAY 31st JULY, 1971



PAKISTAN DAILY WEATHER MAP

SUNDAY 1st AUGUST, 197



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PAKISTAN DAILY WEATHER REPORT

2-FEB 9
Copy ___ 1972

Reg. No. S-1467
Volume No. 25

MONDAY THE 2nd AUGUST, 1971.

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

Axis of the monsoon trough runs from Multan division to north Assam.

Yesterday's westerly trough extending upto Multan division has moved away northeastwards.

A secondary western disturbance is moving across Kashmir and adjoining areas of West Pakistan. The seasonal low lies accentuated over Quetta and Kalat divisions.

Fairly widespread rain has fallen in Chittagong, Dacca and Rajshahi divisions and local in Khulna division.

Widespread rain/thundershowers have been reported from Lahore and Rawalpindi divisions, and local from Malakand division. Scattered thunderstorms/showers have also occured in Sargodha, Bahawalpur, Peshawar and D.I. Khan divisions.

Chief amounts of rainfall are Sialkot 5", Maijdee Court 4", Cox's Bazar and Dacca 3" each, Chittagong, Narayanganj and Rawalpindi 2" each, Faridpur 1½", Comilla and Lahore 1" each, Murree 3/4", Rangpur and Jhelum ½" each and Satkhira, Bogra, Dinajpur and Chakdara ¼" each.

Day temperatures were generally 3–9 °F (2–5 °C) below normal in East Pakistan and in Lahore division.

Forecast valid until the evening of the 3rd August 1971 :—Rain/thundershowers will be widespread over East Pakistan, fairly widespread over Lahore, Rawalpindi, Sargodha and Malakand divisions and in Kashmir with a few moderate to heavy falls, local in Peshawar division and scattered in D. I. Khan, Multan and Quetta divisions. Drizzle may also fall in coastal Kalat, Karachi and Hyderabad divisions.

Karachi-32
The 2nd August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

At 12 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)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)° PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud from † 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	038	7	7	18	05	98	02	6	029	77	6	7	5	7		75	79
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chittagong	036	6	8	13	03	96	02	6	026	77	6	4	4	2	0	75	79
	Maijdee Court	079	8	8	18	02	96	03	6	006	79	6	5	4	2	/	75	79
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria																	
	Sylhet	006	9	7	18	05	96	02	6	012	78	5	4	4	2	/	74	85
	Srimangal	005	9	6	00	00	96	02	6	018	80	3	4	4	5	/	75	86
Dacca	Mymensingh	000	0	5	00	00	97	02	2	038	86	5	5	5	0	0	79	92
	Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dacca (Tejgaon)	298	8	7	18	05	97	02	6	009	81	7	3	4	4	3	77	83
	Faridpur	112	6	3	00	00	96	04	6	003	83	2	4	5	1	0	79	83
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna																	
	Satkhira																	
	Jessore	008	2	7	20	07	96	51	/	008	81	4	9	3	2	0	76	88
Rajshahi	Pabna																	
	Sirajganj																	
	Rajshahi	000	0	6	23	02	96	02	0	930	85	4	3	5	3	0	75	86
	Bogra	023	2	6	13	02	96	01	9	997	83	4	6	4	3	0	79	90
	Dinajpur																	
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	023	0	7	30	03	97	02	2	936	89	3	5	7	7	0	80	69
	Sialkot	000	0	7	18	02	98	02	2	927	91	3	4	7	0	0	79	92
Rawalpindi	Jhelum	000	3	6	27	02	97	03	2	///	92	3	5	6	7	0	81	97
	Islamabad																	
	Rawalpindi	000	0	6	13	03	97	02	2	903	91	3	8	6	0	1	79	94
	Campbellpur	000	0	0	//	//	97	00	0	///	92	0	0	9	0	0	92	97
Sargodha	Khushab	000	0	8	36	21	97	03	2	909	02	5	2	9	3	0	82	//
	Sargodha	000	4	7	13	05	97	29	9	919	94	1	5	6	3	0	75	01
	Lyallpur	000	0	6	07	02	97	02	7	926	69	6	4	7	0	0	70	99
Multan	Sahiwal																	
	Multan	000	0	0	13	//	96	07	0	921	99	0	0	9	0	0	77	//
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	Khanpur	000	0	4	23	02	96	02	1	932	97	3	0	9	0	7	75	//
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Abbas	000	0	0	31	04	98	00	0	975	88	0	0	9	0	0	80	109
Malakand	Chakdara	000	0	1	27	07	97	03	2	991	95	1	1	7	0	0	79	95
Peshawar	Peshawar	000	0	2	05	03	97	02	0	839	97	1	1	6	0	4	77	98
	Haripur	000	0	0	13	03	98	00	0	973	87	0	0	9	0	0	77	92
D.I. Khan	Bannu	000	8	3	13	02	99	01	1	914	99	3	2	7	0	0	75	01
	D.I. Khan	000	0	3	18	02	97	02	1	917	02	1	1	6	4	0	80	03
Quetta	Sibi																	
	Nokkundi	000	0	0	31	23	99	05	4	902	06	0	0	9	0	0	56	//
Kalat	Turbat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jiwani	000	0	7	18	10	96	01	2	985	85	7	6	5	0	0	75	88
	Pasni	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ormara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lasbela	000	0	3	13	02	98	00	0	969	95	0	0	8	0	0	80	96
Karachi division	Karachi (Manora)																	
	Karachi (Airport)	000	0	5	27	12	97	03	1	987	87	5	6	5	0	0	77	89
Hyderabad	Nagarparker	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chhor	000	0	5	23	17	96	01	2	171	90	5	1	6	0	0	73	103
	Hyderabad	000	0	5	23	12	97	03	1	962	93	2	5	6	0	2	73	95
	Badin	000	0	/	01	10	98	00	0	043	92	0	3	6	0	0	89	92
Khairpur	Padidan	000	0	0	18	05	96	02	0	925	02	0	0	9	0	0	72	03
	Nawabshah	000	0	2	18	10	96	03	0	937	00	0	0	9	0	4	73	02
	Sukkur	000	0	0	21	01	96	02	0	943	//	0	0	9	0	0	72	03
	Kashmore	000	0	0	23	03	98	02	0	965	03	0	0	9	0	0	75	04
	Jacobabad	000	0	0	18	07	97	01	0	917	101	0	0	9	0	0	79	101
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	8	27	02	96	03	4	390	70	8	5	3	/	/	66	73
Malakand	Drosh *	000	0	1	27	12	99	01	0	324	00	1	1	7	0	0	54	03
Peshawar	Cherat **	000	0	2	18	03	98	01	1	363	//	2	1	8	0	0	72	86
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Landikotal *	000	0	4	18	05	98	02	2	378	92	2	0	/	3	0	72	96
	Parachinar *	000	0	3	13	02	97	02	0	382	85	3	2	6	0	0	65	85
D.I. Khan	Miranshah *	000	0	4	05	05	97	00	1	377	96	4	0	9	0	/	72	98
	Wana *																	
Quetta	Fort Sandeman *	000	0	0	05	02	96	05	0	351	00	0	0	9	0	0	42	//
	Hindubagh *	000	0	0	27	25	95	05	0	///	98	0	0	9	0	0	59	//
	Loralai *																	
	Barkhan *																	
	Harnai *	000	0	0	31	01	96	02	0	332	95	0	0	9	0	0	71	95
	Samungli (Quetta) *	000	0	1	31	12	97	01	0	365	//	0	0	9	0	1	50	//
	Chaman *	///	/	0	27	03	96	00	0	450	61	0	0	9	0	0	55	03
	Nushki *	000	0	0	27	03	95	06	0	431	05	0	0	9	0	0	//	//
	Dalbandin *	000	0	0	23	03	94	06	0	401	05	0	0	9	0	0	39	07
Kalat	Kalat *	000	0	3	10	09	94	00	2	371	89	0	0	9	0	0	74	90
	Khuzdar *	000	0	1	23	07	96	05	1	368	96	0	0	9	0	1	60	97
	Panjgur *	000	0	5	23	10	//	//	/	403	00	2	0	9	2	/	75	03

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

STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total Cloud amount N (22)	Wind direction in tens of degree 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 TnTn (36)	Departure from Normal of Maximum temperature TxTx (37)	Departure from Normal of Minimum temperature TnTn (38)	Rainfall Since 1st June, 1971 to-date (39)	Departure from normal (40)	Since 1st January, 1971 to-date (41)	Annual Normal (42)
Rangamati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
Cox's Bazar	318	9	8	18	07	96		/	061	75	6	7	3	2	0	75	74	—	— 2	99.0	+30.5	—	140
Chittagong	184	3	7	13	07	96	20	6	055	79	3	5	4	3	0	75	75	— 13	— 1	66.2	+20.4	—	108
Maijdee Court	360	9	9	18	02	95	63	6	036	74	6	4	4	2	/	73	74	— 7	— 2	37.2	— 8.7	—	115
Comilla	102	5	4	18	05	96	02	6	012	80	4	4	5	0	0	75	76	—	— 1	24.9	—11.0	—	94
Brahmanbaria																							78
Sylhet	009	9	5	05	15	97	02	6	046	82	2	4	6	9	0	75	76			46.5	—	—	—
Srimangal	002	9	5	11	06	96	03	6	045	85	2	5	4	5	1	75	75	— 8	— 1	0.9	— 3.8	—	98
Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4	—	32.9	— 1.6	—	91
Narayanganj	252	6	8	13	05	97	03	8	040	//	/	/	/	/	/	75	76	—	— 3	6.4	—19.5	—	74
Dacca (Tejgaon)	327	9	7	13	02	96	21	6	036	79	7	9	3	2	0	79	76	—	—	26.0	—	—	—
Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4	—				71
Barisal	003	9	6	18	07	96	02	6	033	79	6	7	3	2		//	//	—	—	26.5	— 6.9		81
Khulna																							68
Satkhira	030	0	6	00	00	97	03	2	035	80	4	3	9	0	0	77	77			22.0	— 4.4	—	65
Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—	12.0	—13.0	—	65
Pabna																							59
Sirajganj																							64
Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			11.4	—15.4	—	—
Bogra	023	0	6	//	02	96	02	2	031	83	3	5	5	3	0	75	77	+ 2	— 2				69
Dinajpur																							72
Rangpur	040	9	2	05	02	96	01	6	040	83	5	0	9	2	0	79	78	—	— 1	13.5	—33.2	—	84
Jammu																							—
Lahore (Jail Rd.)	104	3	8	27	03	96	95	9	004	74	2	3	9	3	7	69	74	— 10	— 6	8.2	+ 0.8	11.4	19
Sialkot	458	3	8	09	02	97	61	6	031	75	2	3	5	2	5	62	72	— 4	— 7	17.1	+ 5.4	23.1	32
Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
Islamabad																		—	—				—
Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—	24.2	+ 13.3	24.5	36
Campbellpur	000	0	0	05	05	97	00	0	//	//	0	0	9	0	0	79	75	—	—	7.5	—	12.2	—
Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	//	—	5.2	— 0.4	7.2	15
Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	3.2	—	7.2	—
Lyallpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—	6.3	+ 2.0	9.6	12
Sahiwal																			—				10
Multan	000	9	5	18	10	96	07	1	965	84	2	0	9	3	/	75	82	//	+ 2	1.5	— 0.7	2.4	7
Leiah	000	0	0	36	02	93	00	0	962	87	0	0	9	0	0	79	84						8
Khanpur	609	1	7	00	00	96	60	6	//	61	7	6	2	0	0		//			1.1	— 1.8	1.5	6
Bahawalpur	000	0	0	00	00	96	00	0	987	98	0	0	9	0	0	73	82	—		0.0	— 2.8	0.2	6
Fort Abbas	///	/	0	03	04	96	00	2	981	86	0	0	9	0	0	69	76						8
Chakdara	022	2	7	29	07	97	01	9	964	75	7	5	9	0	0	71	75	—	—	4.7	—	7.6	—
Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2	—	3.0	+ 1.3	11.5	11
Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			12.4	—	20.3	—
Bannu	000	0	6	00	00	98	03	2	977	86	0	0	9	7	0	81	86			0.6	—	2.9	11
D.I. Khan	000	2	7	09	05	96	17	9	964	86	3	9	6	7	0	79	83	— 2	— 1	0.5	— 2.5	3.3	9
Sibi																							5
Nokkundi	000	0	0	31	08	92	31	4	971	84	0	0	9	0	0	52	78	—	—	0.0	—	0.0	2
Turbat	000	0	0	23	02	98	00	0	057	83	3	0	9	0	0	76	82	—		0.0	—	0.0	—
Jiwani	000	0	4	18	01	96	01	1	007	81	4	6	5	0	0	73	80	—	—	0.0	—	1.5	5
Pasni	000	0	0	27	02	97	02	0	942	76	0	0	9	0	0	67	75	—	+ 1	0.0	— 0.7	0.0	6
Ormara	000	0	6	27	12	96	02	2	003	82	6	6	9	0	0	76	75			0.8	+ 0.1	0.8	6
Lasbela	000	0	6	00	00	98	00	0	996	81	0	0	9	0	0	77	78	—	—	0.0	—	0.0	8
Karachi (Manora)																							8
Karachi (Airport)	000	0	8	27	14	96	03	2	006	82	5	6	5	3	/	78	81	—	—	1.4	—	1.5	—
Nagarparker	000	0	6	23	17	96	02	2	992	82	3	5	6	0	8	75	79						—
Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						7
Hyderabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2	—	0.9	— 2.6	0.9	9
Badin	000	0	6	23	12	96	03	1	006	82	3	2	6	6	0	75	80	—	—	0.4	— 3.8	0.4	—
Padidan	000	0	3	13	03	96	03	0	953	84	3	0	9	6	0	74	81	—	—	0.2	—	0.2	—
Nawabshah	000	0	4	18	09	96	03	0	964	85	4	0	9	3	0	75	81	—	—	0.6	—	0.6	4
Sukkur	000	0	7	31	05	96	02	1	957	63	7	2	6	0	0	77	76	—	—	2.2	—	2.2	—
Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	—	0.0	4
Jacobabad	000	0	2	//	07	96	05	0	957	85	0	0	9	0	1	80	83	— 5	0	2.5	+ 1.2	2.6	20
Veraval																							26
HILL STATIONS																							—
Srinagar *																							71
Gulmarg **																							26
Sonamarg **																							3
Dras **																							6
Leh **																							—
Skardu *																							—
Misgar **																							5
Aliabad *																							59
Gilgit *																							18
Murree *	080	2	9	//	05	90	61	9	428	63	4	2	8	6	3	62	60	— 2	— 2	26.0	+ 9.0	35.4	29
Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 7	—	1.3	—	9.8	—
Cherat **	000	0	0	18	09	92	02	2	419	07	8	4	8	8	0	63	68	— 14	— 3	4.4	— 0.7	3.9	—
Kakul *	016	4	8	13	05	97	61	9	4//	90	6	4	5	2	0	69	70			17.6	—	32.6	29
Landikotal *	000	0	6	05	05	97	02	2	417	76	6	2	3	/	0	73	74	—	—	5.3	—	14.9	13
Parachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—	4.8	—	12.4	11
Miranshah *	000	0	0	05	05	99	00	0	391	86	0	0	9	0	0	68	73			0.0	— 2.6	1.6	13
Wana *																							—
Fort Sandeman *	000	0	1	05	02	96	09	0	398	63	1	1	7	0	0	71	80	//	— 7	5.1	+ 2.3	2.9	9
Hindubagh *	000	0	0	25	13	95	05	0	110	85	0	0	9	0	0	//	64			0.3	—	2.1	—
Loralai *																							14
Barkhan *																							9
Harnai *	000	0	0	23	02	96	02	0	371	83	0	0	9	0	0	73	69	—	—	0.4	— 0.2	3.2	8
Samungli (Quetta) *	000	0	0	09	03	94	04	0	376	80	0	0	9	0	0	61	73	//	+ 5				—
Chaman *	000	0	0	00	00	93	00	0	462	78	0	0	9	0	0	50	79	+ 3	+ 4	0.1	—	0.0	—
Nushki *	000	0	2	36	05	94	06	0	457	86	0	0	9	0	2	32	85	—	—	0.0	—	1.1	4
Dalbandin *	000	0	0	13	05	92	04	6	409	48	1	0	9	/	/	30	//	— 1		0.0	— 0.1	0.7	7
Kalat *	000	0	0	18	02	92	00	2	403	75	0	0	9	0	0	43	34	— 2	—	0.0	— 0.8	0.4	—
Khuzdar *	000	0	0	31	02	96	05	0	378	67	0	0	9	0	0	67	74	—	—	0.8	—	1.1	5
Panjgur *	000	0	0	31	01	95	05	0	422	84	0	0	9	0	0	68	76	+ 2	0	0.0	—	0.1	—

† 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 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

When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 2nd AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_oL_a$	$Q_cL_oL_oL_oL_o$	YYGG$_{iw}$ N dd FF	VV $_w$ $_w$ W	PPP TT	$N_hC_lhC_mC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	0I$_s$T$_s$T$_d$T$_d$	1T$_w$T$_w$T$_w$T	3P$_w$P$_w$H$_w$H$_w$	d$_w$d$_w$P$_w$H$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000$_{mb}$	850$_{mb}$	700$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$	70$_{mb}$	50$_{mb}$	30$_{mb}$
		PoPoPoToToToDoDo	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...														
Dacca ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	997 270 42	...	430 244 / /	103 186 66	592 032 55	768 121 99	984 231 / /	270 375	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	954 282 23	...	360 268 23	069 148 58	582 011 / /	757 119 / /	971 245 / /	254 461	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	...	...	MISDA	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PrPP TTT$_a$ DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmPmPmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	P$_c$P$_c$P$_c$T$_c$T$_c$T$_c$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...	00 00	900 290 34	512 000 / /	190 487 / /	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...													

UPPER WIND DATA

	At 1200 hrs. G.M.T. † of Previous day (dddff)									At 0000 hrs. G.M.T. † of date (dddff)						At 0600 hrs. G.M.T. † of date (dddff)										
Height in kms. a.s.l.—>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION †	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaldula ...	...	175 05	175 03	180 04	320 01	...	...	...	...	No	Ascent	...	...	...	...	...	160 15	130 12	120 15	...	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Char ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...																										
Dacca ...	175 12	200 13	20[illegible] 13	240 08	330 08	340 16	320 16	110 08	100 13	345 01	330 02	320 04	...	...	...	115 17	125 15	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	240 06	230 08	247 15	270 21	305 27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	190 07	180 07	170 09	155 08	140 05	140 03	339 06	335 15	330 25	140 06	170 08	185 13	225 06	310 07	265 05	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	040 10	050 03	280 20	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	245 05	210 06	220 06	265 07	290 12	325 17	...	...	...	095 33	125 24	160 21	192 0[illegible]	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	...	...	...	...	...	...	...	...	...	170 05	165 11	165 09	...	...	...	170 08	150 08	135 13	...	...	...	...	...	...	...	...
Karachi ...	250 25	250 25	255 23	...	260 22	...	...	...	...	...	...	...	...	...	...	245 14	260 07	260 26	...	...	...	...	...	...	...	...
Khanpur ...	225 12	230 13	230 15	235 11	225 10	220 09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	280 07	295 15	330 20	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	225 06	230 07	235 09	245 09	260 11	305 15	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Multan ...	195 18	200 22	200 26	...	195 22	...	...	...	...	190 24	205 19	2[illegible]0 31	170 04	215 05	200 03	200 10	205 12	205 12	210 07	230 04	255 04	010 13	...	...	...	...
Nawab Shah ...	195 07	240 06	225 05	120 06	020 11	170 07	065 15	110 28	005 12	225 35	240 17	270 17	290 14	315 10	340 14	230 12	235 10	290 09	340 05	300 12	...	...	...	...	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	310 23	325 22	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	160 02	285 02	230 02	230 05	265 13	260 04	240 03	285 04	320 04	280 03	235 05	160 03	070 06	090 04	...	...
Parachinar ...	...	...	...	...	125 07	195 15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	/// //	280 22	235 02	300 07	355 03	220 02	...	...	...	...	...	...	...	...	...	...	295 05	305 08	...	...	...	...	...
Sargodha ...	155 09	145 05	190 04	265 08	265 10	355 12	320 13	005 05	005 12	200 01	200 02	200 04	200 07	200 12	200 10	095 11	105 16	120 14	160 05	100 03	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION †	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...	355 43	355 35	360 33	280 29	310 29	325 25	325 21	040 16	065 12	065 21	130 12	...	...	...	...	...	...	...	...	...	...
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (Hhiii Cdd V$_v$ V$_v$ etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

Ta—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures.

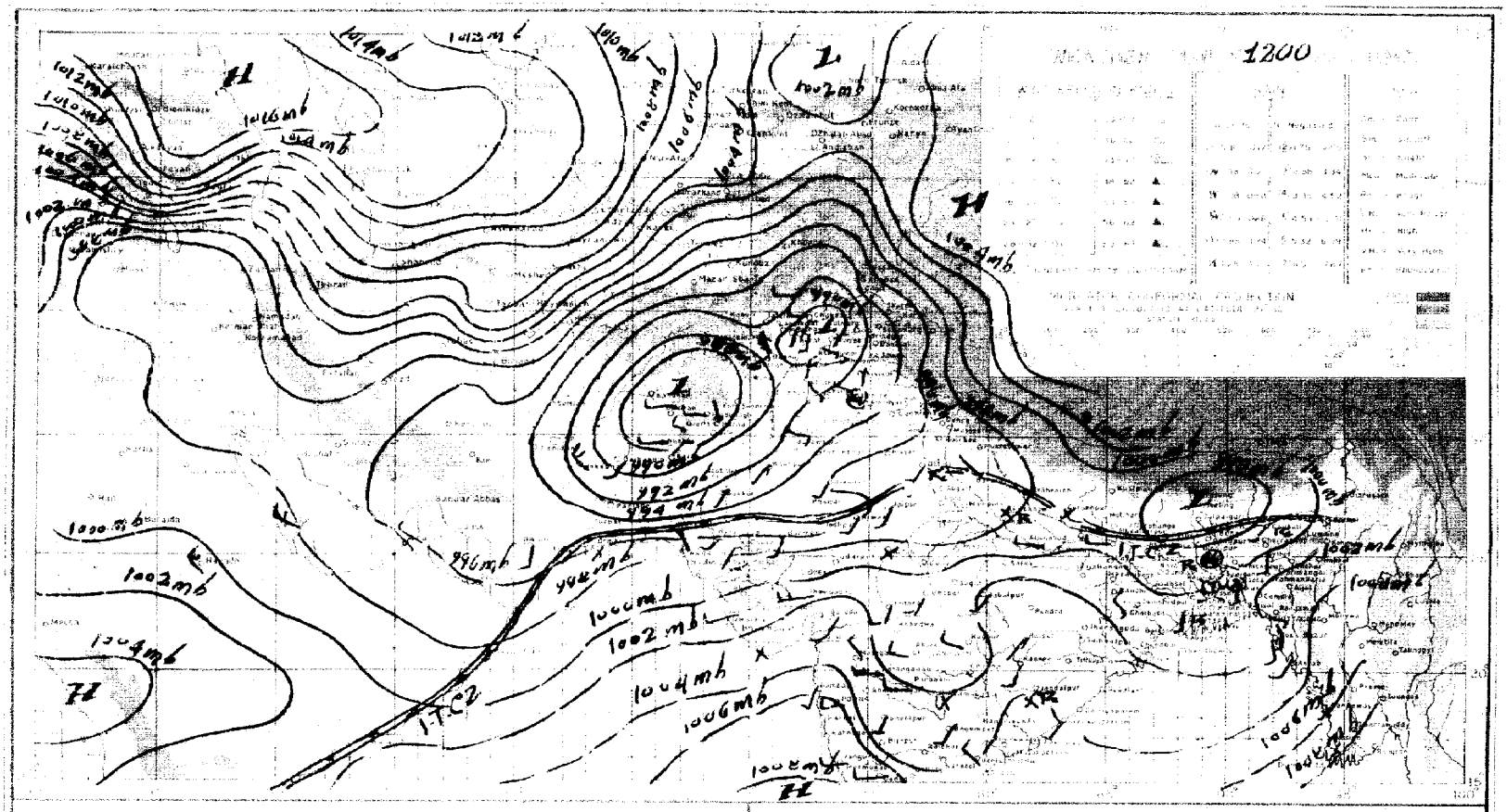
The actual time of observations may vary within half an hour of the specified time.

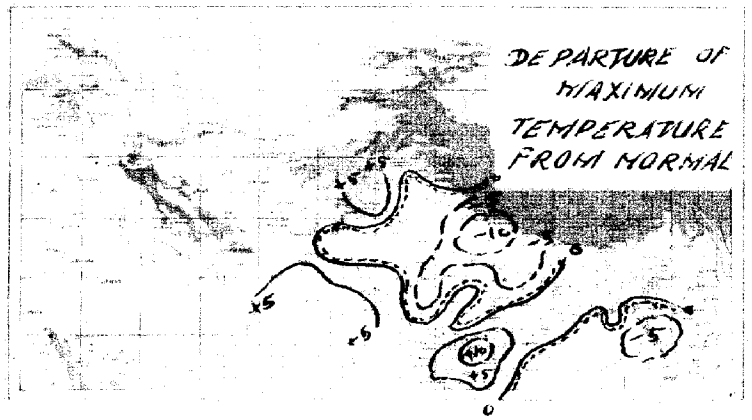
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next three figures give the wind speed "ff" in knots or in knots increased by 500.

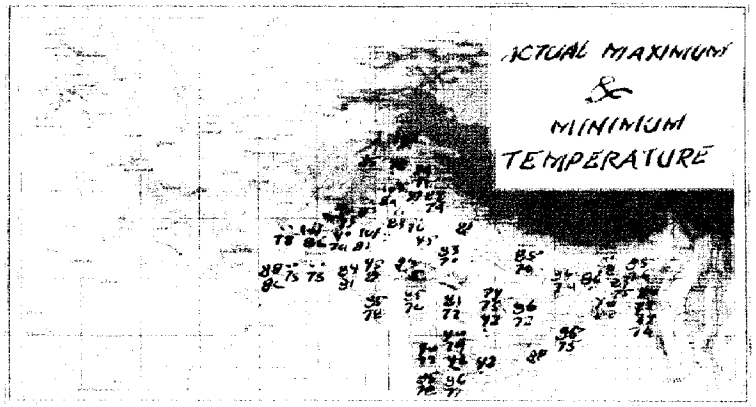
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Main Analysis Centre, University Road Karachi-32.

PAKISTAN DAILY WEATHER MAP

SUNDAY 1st AUGUST. 1971.

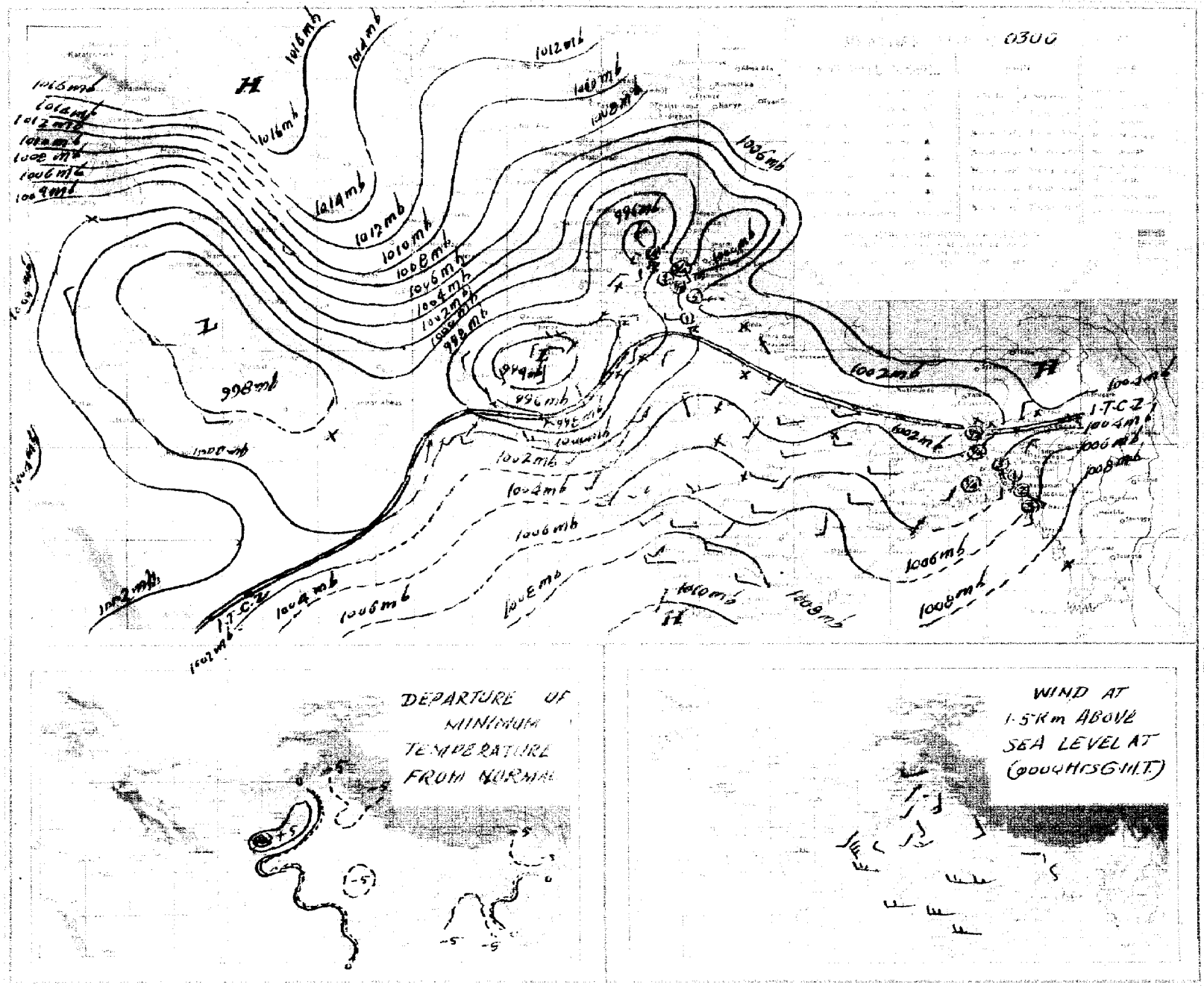






PAKISTAN DAILY WEATHER MAP

MONDAY 2nd AUGUST, 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

MONDAY THE 2nd AUGUST, 1971.

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

Axis of the monsoon trough runs from Multan division to north Assam.

Yesterday's westerly trough extending upto Multan division has moved away northeastwards.

A secondary western disturbance is moving across Kashmir and adjoining areas of West Pakistan. The seasonal low lies accentuated over Quetta and Kalat divisions.

Fairly widespread rain has fallen in Chittagong, Dacca and Rajshahi divisions and local in Khulna division.

Widespread rain/thundershowers have been reported from Lahore and Rawalpindi divisions, and local from Malakand division. Scattered thunderstorms/showers have also occured in Sargodha, Bahawalpur, Peshawar and D.I. Khan divisions.

Chief amounts of rainfall are Sialkot 5", Maijdee Court 4", Cox's Bazar and Dacca 3" each, Chittagong, Narayanganj and Rawalpindi 2" each, Faridpur 1¼", Comilla and Lahore 1" each, Murree 3/4", Rangpur and Jhelum ½" each and Satkhira, Bogra, Dinajpur and Chakdara ¼" each.

Day temperatures were generally 3 - 9 °F (2 - 5 °C) below normal in East Pakistan and in Lahore division.

Forecast valid until the evening of the 3rd August 1971 :—Rain/thundershowers will be widespread over East Pakistan, fairly widespread over Lahore, Rawalpindi, Sargodha and Malakand divisions and in Kashmir with a few moderate to heavy falls, local in Peshawar division and scattered in D. I. Khan, Multan and Quetta divisions. Drizzle may also fall in coastal Kalat, Karachi and Hyderabad divisions.

Karachi-32
The 2nd August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility (VV)	Present weather (ww)	Past weather (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature °C (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form (GL)	Height of Lowest Cloud (h)	Medium Cloud form (CM)	High Cloud form (CH)	Dewpoint temperature °C (TdTd)	Maximum temperature °C (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at (Wx)	Total Cloud amount (N)	Wind direction in tens of degree (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 °C (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum temperature (TnTn)	Rainfall: Since 1st June, 1971 to date (39)	Departure from normal (40)	Since 1st January, 1971 to date (41)	Annual Normal (42)
	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	038	7	7	18	05	98	02	6	029	77	6	7	5	7		75	79	318	9	8	18	07	96			061	79	6	7	3	2	0	75	74	—	— 2	99.0	+20.5	—	140
	Cox's Bazar																		184	3	7	13	07	96	20	6	055	79	3	5	4	3	0	75	75	— 13	— 1	66.2	+20.4	—	108
	Chittagong	036	6	8	13	03	96	02	6	026	77	6	4	4	2	0	75	79	360	9	9	18	02	95	63	6	036	74	6	4	4	2		73	74	— 7	— 2	37.2	— 8.7	—	115
	Maijdee Court	079	8	8	18	02	96	03	6	006	79	6	5	4	2				102	5	4	18	05	96	02	6	012	80	4	4	5	0	0	75	76	—	— 1	24.9	—11.0	—	94
	Comilla																																									78
	Brahmanbaria																		005	9	5	05	15	97	02	6	046	82	2	4	6	9	0	75	76			46.5		—	—
	Sylhet	006	9	7	19	05	96	02	6	012	78	5	4	4	2		74	85	002	9	5	11	06	96	03	6	045	85	2	5	4	5	1	75	75	— 8	— 1	0.9	— 3.8	—	98
	Srimangal	005	9	6	00	00	96	02	6	018	80	3	4	4	5		75	86																								
Dacca	Mymensingh	000	0	5	00	00	97	02	2	038	86	5	5	5	0	0	79	92																			— 4	—	32.9	— 1.6	—	91
	Narayanganj																		252	6	8	13	05	97	03	8	040							75	76	—	— 3	6.4	—19.5	—	74
	Dacca (Tejgaon	298	6	7	18	05	97	02	6	009	81	7	3	4	4	3	77	83	327	9	7	13	02	96	21	6	036	79	7	9	3	2	0	79	76	—	—	26.0	—	—	—
	Faridpur	112	6	3	09	00	96	02	6	003	83	2	4	5	1	0	79	83																			— 4	—				71
Khulna	Barisal																		003	9	8	18	07	96	12	6	038	79	6	7	3	2				—	—	26.5	— 6.9		81
	Khulna																																									68
	Satkhira																		030	0	6	00	00	97	03	2	035	80	4	3	9	0	0	77	77			22.0	— 4.4	—	65
	Jessore	008	2	7	20	07	96	51		038	81	4	9	3	2	0	76	88																		— 1	—	12.0	—13.0	—	65
Rajshahi	Pabna																																									59
	Sirajganj																																						11.4	—15.4	—	64
	Rajshahi	000	0	6	23	02	95	02	0	990	85	4	3	5	3	0	75	86																								
	Bogra	023	2	6	13	02	96	01	9	997	83	4	6	4	3	0	79	90	023	0	6	17	02	96	02	2	031	83	3	5	5	3	0	75	77	+ 2	— 2				69
	Dinajpur																																									72
	Rangpur																		040	9	2	05	02	96	01	6	040	83	5	0	9	2	0	79	78	—	— 1	13.5	—33.2	—	84
Kashmir	Jammu																																									—
Lahore	Lahore (Jail Rd.)	023	0	7	30	03	97	02	2	936	89	3	5	7	7	0	80	89	104	3	8	27	05	96	95	9	004	74	2	3	9	3	7	69	74	— 10	— 6	8.2	+ 0.8	11.4	19
	Sialkot	000	0	7	18	02	98	02	2	927	91	3	4	7	0	0	79	92	456	3	8	03	02	97	61	6	031	75	2	3	5	2	5	62	72	— 4	— 7	17.1	+ 5.4	23.1	32
Rawalpindi	Jhelum	000	3	6	27	02	97	03	2		92	3	5	6	7	0	81	97																			—	—				—
	Islamabad																																					—				—
	R walpindi	000	0	6	13	03	97	02	2	903	91	3	8	6	0	1	79	94																		— 1	—	24.2	—13.3	24.5	36
	Campbellpur	000	0	0			97	00	0		92	0	0	9	0	0	92	97	000	0	0	05	05	97	00	0			0	0	9	0	0	79	75	—	—	7.5	—	12.2	—
Sargodha	Khushab	000	0	8	36	21	97	03	2	909	02	5	2	9	3	0	82																				—	—	5.2	— 0.4	7.2	15
	Sargodha	000	4	7	13	05	97	29	9	919	94	1	5	6	3	0	75	01																				—	3.2	—	7.2	—
	Lyallpur	000	0	6	07	02	97	02	7	926	69	6	4	7	0	0	70	99																			0	—	6.3	+ 2.0	9.6	12
Multan	Sahiwal																																									10
	Multan	000	0	0	13		96	07	0	921	99	0	0	9	0	0	77		000	9	5	16	10	96	07	1	965	84	2	0	9	3	1	75	82		+ 2	1.5	— 0.7	2.4	7
	Leiah																		003	0	0	36	02	93	00	0	962	87	0	0	9	0	0	79	84						8
Bahawalpur	Khanpur	000	0	4	23	02	96	02	1	932	97	3	0	9	0	7	75		609	1	7	00	00	96	60	6		61	7	6	2	0	0					1.1	— 1.8	1.5	6
	Bahawalpur																		000	0	0	00	00	96	00	0	987	98	0	0	9	0	0	73	82	—		0.0	— 2.8	0.2	6
	Fort Abbas	000	0	0	31	04	98	00	0	975	88	0	0	9	0	0	80	109		1	0	03	04	96	00	2	981	86	0	0	9	0	0	69	76						8
Malakand	Chakdara	000	0	1	27	07	97	03	2	991	95	1	1	7	0	0	79	95	022	2	7	29	07	9	01	9	964	75	7	5	9	0	0	71	75	—	—	4.7	—	7.6	—
Peshawar	Peshawar	000	0	2	05	03	97	02	0	839	97	1	1	6	0	4	79	98																		— 2	—	3.0	+ 1.3	11.5	11
	H ripur	000	0	0	13	03	98	00	0	973	87	0	0	9	0	0	77	92																					12.4	—	20.3	—
D.I. Khan	Bannu	000	8	3	13	02	99	01	1	914	99	3	2	7	0	0	75	01	000	0	6	00	00	98	03	2	977	86	0	0	9	7	0	81	76			0.6	—	2.9	11
	D I Khan	000	0	3	18	02	97	02	1	917	02	1	1	6	4	0	80	03	000	2	7	09	05	96	17	9	964	86	3	9	6	7	0	79	83	— 2	— 1	0.5	— 2.5	3.3	9
Quetta	Sibi																																									5
	Nokkundi	000	0	0	31	23	99	05	4	902	06	0	0	9	0	0	56	71	000	0	0	31	08	92	31	4	971	84	0	0	9	0	0	52	76	—	—	0.0	—	0.0	2
Kalat	Turbat																		000	0	0	23	02	98	00	0	057	83	3	0	9	0	0	76	82	—		0.0	—	0.0	—
	Jiwani	000	0	7	18	10	96	01	2	985	85	7	6	5	0	0	75	88	000	0	4	18	01	96	01	1	007	81	4	6	5	0	0	73	80	—	—	0.0	—	1.5	5
	Panjgur																		000	0	0	27	02	97	02	0	942	76	0	0	9	0	0	67	75	—	+ 1	0.0	— 0.7	0.0	6
	Ormara																		000	0	6	27	12	96	02	2	003	82	6	6	9	0	0	76	75			0.8	+ 0.1	0.8	6
	Lasbela	000	0	3	13	02	98	00	0	969	95	0	0	8	0	0	80	96	000	0	6	00	00	98	00	0	996	81	0	0	9	0	0	77	78	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora)																																									8
	Karachi (Airport)	000	0	5	27	12	97	03	1	987	87	5	6	5	0	0	77	89	000	0	8	27	14	96	03	2	006	82	5	6	5	3	1	78	81	—	—	1.4	—	1.5	—
	Nagarparkar																		000	0	6	23	17	96	02	2	992	82	3	5	6	0	6	75	79						—
Hyderabad	Chhor	000	0	5	23	17	96	01	2	171	90	5	1	6	0	0	73	103																								7
	Hyderabad	000	0	5	23	12	97	03	1	962	93	2	5	6	0	2	73	95																		— 2	—	0.9	— 2.6	0.9	9
	Badin	000	0	1	01	10	98	00	0	045	92	0	3	6	0	0	69	92	000	0	6	23	12	96	03	1	006	82	3	2	6	6	0	75	80	—	—	0.4	— 3.8	0.4	—
Khairpur	Padidan	000	0	0	18	05	96	02	0	925	02	0	0	9	0	0	72	03	000	0	3	13	03	96	02	0	953	84	3	0	9	6	0	71	81	—	—	0.2	—	0.2	—
	Nawabshah	000	0	2	18	10	96	03	0	937	00	0	0	9	0	4	73	02	000	0	4	18	09	96	03	0	964	85	4	0	9	3	0	75	81	—	—	0.6	—	0.6	4
	Sukkur	000	0	0	21	01	96	02	0	943	07	0	0	9	0	0	72	03	000	0	7	31	05	96	02	1	957	83	7	2	6	0	0	77	76	—	—	2.2	—	2.2	—
	Kashmore	000	0	0	22	03	98	03	0	965	03	0	0	9	0	0	75	04																		—	—	0.0	—	0.0	4
	Jacobabad	000	0	0	18	07	97	01	0	917	101	0	0	9	0	0	79	101	000	0	2		07	96	05	0	957	85	0	0	9	0	1	80	83	— 5	0	2.5	+ 1.2	2.6	20
Junagadh	Veravai																																									26
	HILL STATIONS																																									—
Kashmir	Srinagar *																																									71
	Gulmarg *																																									26
	Sonamarg *																																									3
	Drai *																																									6
	Leh *																																									—
	Skardu *																																									—
	Misgar *																																									5
	Allabad *																																									59
	Gilgit *																																									18
Rawalpindi	Murree *	000	0	8	27	02	96	03	4	390	70	0	5	3			66	73	080	2	9		05	90	61	9	428	63	4	2	6	6	3	62	60	— 2	— 2	26.0	+ 9.0	35.4	29
Malakand	Drosh *	000	0	1	27	12	99	01	0	324	00	1	1	7	0	0	54	03																		— 7	—	1.3	—	9.8	—
Peshawar	Cherat *	000	0	2	18	03	98	01	1	363		2	1	8	0	0	72	86	000	0	0	18	09	92	02	2	419	07	8	4	8	8	0	63	68	— 14	— 3	4.4	— 0.7	3.9	—
	Kakul *																		016	4	8	13	05	97	61	9	417	90	6	4	5	2	0	68	70			17.6	—	32.6	29
	Landikotal *	000	0	4	18	05	98	02	2	378	92	2	0		3	0	72	96	000	0	6	05	05	97	02	2	417	76	6	2	3	1	0	73	74	—	—	5.3	—	14.9	13
	Parachinar *	000	0	3	13	02	97	02	0	387	85	3	2	6	0	0	65	85																		0	—	4.8	—	12.4	11
D.I. Khan	Miranshah *	000	0	4	05	05	97	00	1	377	96	4	0	9	0		72	98	000	0	0	05	05	99	00	9	391	86	0	0	9	0	0	68	73			0.0	— 2.6	1.6	13
	Wana *																																									—
Quetta	Fort Sandeman *	000	0	0	05	02	96	05	0	351	00	0	0	9	0	0	42		000	0	1	05	02	96	09	0	398	83	1	1	7	0	0	71	80		— 7	5.1	+ 2.3	2.9	9
	Hindubagh *	000	0	0	27	25	95	05	0		98	0	0	9	0	0	59		000	0	0	25	13	95	05	0	110	85	0	0	9	0	0		64			0.3	—	2.1	—
	Loralai *																																									14
	Barkhan *																																									9
	Harnai *	000	0	0	31	01	96	02	0	332	95	0	0	9	0	0	71	95	000	0	0	23	02	96	02	0	371	83	0	0	9	0	0	73	69	—		0.4	— 0.2	3.2	8
	Samungli (Quetta) *	000	0	1	31	12	97	01	0	365		0	0	9	0	1	59		000	0	0	09	03	94	04	0	376	80	0	0	9	0	0	61	73		+ 5				
	Chaman *			0	27	03	96	00	0	450	61	0	0	9	0	0	55	03	000	0	0	00	00	93	00	0	462	78	0	0	9	0	0	50	79	+ 3	+ 4	0.1	—	0.0	—
	Nushki *	000	0	0	27	03	95	06	0	31	05	0	0	9	0	0			000	0	2	36	05	94	06	0	457	86	0	0	9	0	2	32	85	—		0.0	—	1.1	4
	Dalbandin	000	0	0	23	03	94	06	0	431	05	0	0	9	0	0	39	07	000	0	0	13	05	92	04	6	409	48	1	0	9			30		—	—	0.0	— 0.1	0.7	7
Kalat	Kalat *	000	0	3	10	09	94	00	2	371	89	0	0	9	0	0	74	90	000	0	0	18	02	92	00	2	403	75	0	0	9	0	0	43	34	— 2	—	0.0	— 0.8	0.4	—
	Khuzdar *	000	0	1	23	07	96	05	1	368	96	0	0	9	0	1	60	97	000	0	0	31	02	96	05	0	378	67	0	0	9	0	0	67	74	—	—	0.8	—	1.1	5
	Panjgur *	000	0	5	23	10			1	403	00	2	0	9	2		75	03	000	0	0	31	01	95	05	0	422	84	0	0	9	0	0	68	76	+ 2	0	0.0	—	0.1	—

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 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

When ever 999 is given RRR see the summary bove for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 2nd AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99LaLaLa	QcLoLoLoLo	YYGGiw	N ddFF	VV ww W	PPP TT	NhCLhCMCH	DsVsa PP	7RR tRtR	8NsCbshs	OTsTsTdTd	1TwTw TwtT	3PwPwHwHw	dwdwPwHwHw
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	Surface PoPoPoToToToDoDo	1000mb	850mb	700mb	500mb	400mb	300mb	200mb	150mb	100mb	70mb	50mb	30mb
			At surface and Standard Isobaric Levels — hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...														
Dacca ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	997 270 42	...	430 244 //	103 186 66	592 032 55	768 121 99	984 231 //	270 375 /	...	..	...	...	...
Multan ...														
Peshawar ...	00 00	954 282 23	...	360 268 23	069 148 58	582 011 //	757 119 //	971 245 //	254 461 ..	...	..	...	...	...
Quetta ...														
Sargodha ...	00 00	...	...	MISDA	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTTa DD							Max. Wind Speed PmPmPmdmdmfmfmfm	TROPOPAUSE First PtPtPtTtTtTat	Transition dtdtftftft	Second PtPtPtTtTtTt	Transition dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...	00 00	900 290 34	513 000 //	190 487 //	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...													

UPPER WIND DATA

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

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 1	2	3	4	5	6	7	8	9	10
Barisal ...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	175 05	175 03	180 04	320 01	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...
Cher c ...	...	...	..	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...
Dacca ..	155 12	200 13	200 13	240 08	330 08	340 06	170 16	110 08	100 13
Dalbandin ...	...	...	240 06	235 08	247 15	270 21	305 27	...	...
D. I. Khan ...	190 07	180 07	170 09	155 08	140 05	140 03	339 06	335 15	330 25
Drosh ...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...
Jhelum ...	245 05	210 06	220 06	265 07	290 12	325 17	...	...	...
Jiwani ...	...	...	...	...	...	...	...	...	...
Karachi ...	250 25	250 25	255 23	...	260 22	...	...	...	...
Khanpur ...	225 12	230 13	290 15	235 11	225 10	220 99	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	225 06	230 07	235 09	265 19	280 11	305 15	...	...	...
Multan .	195 18	200 22	200 26	...	155 22	...	...	...	...
Nawab Shah ..	195 07	240 06	225 05	120 06	020 11	170 07	065 15	110 28	005 12
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	125 07	195 05	...	...	...
Quetta ...	...	...	...	/// //	280 22	235 02	300 07	355 03	270 02
Sargodha ...	155 09	145 05	190 04	260 08	265 10	355 12	320 13	005 05	005 12
Skardu ...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (ddfff)

Height in kms. a.s.l.—>	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...
Chaklala ...	No	Ascent	...	...	...	...
Chhor ...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...
Cher c ...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...
Dacca ..	345 01	330 02	320 04	...	...	...
Dalbandin ...	...	...	...	...	...	...
D. I. Khan ...	140 06	170 08	185 13	225 06	310 07	265 05
Drosh ...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	040 10	050 03	280 20
Gilgit ...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...
Jhelum ...	055 33	125 34	160 21	192 07	...	...
Jiwani ...	170 09	165 11	165 09	...	...	...
Karachi ...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...
Lahore ...	...	...	...	280 07	255 15	330 20
Multan .	No	Ascent	...	...	...	...
Nawab Shah ..	190 24	215 19	2 0 31	170 04	215 05	200 03
Nokkundi ...	225 35	240 17	270 07	290 04	335 10	340 14
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	...	...	310 23	325 22	...
Parachinar ...	...	160 02	205 02	230 02	230 05	265 13
Quetta ...	...	...	...	...	...	...
Sargodha ...	200 01	200 02	200 04	200 07	200 12	200 10
Skardu ...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...
Veraval ...	...	...	..	...	...	...

At 0600 hrs. G.M.T. † of date (ddfff)

Height in kms. a.s.l.—>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	160 15	130 12	120 15	...	...	...	...	...	...	...
Chhor ...	...	..	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...
Cher c ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ..	115 17	125 15	...	...	...	..	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	..	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	..
Ishurdi ...	...	...	...	...	...	...	...	..	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	.	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	.	...	...	...	...	...
Jiwani ...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	170 08	150 08	135 13	...	...	...	...	...	...	...	...
Khanpur ...	245 14	260 02	260 26	...	..	.	.	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	...	...	...	...	...	...	...	...	...	...	...
Multan .	No	Ascent	...	...	...	...	...	...	...	...	...
Nawab Shah ..	200 10	205 12	265 12	210 07	230 04	295 04	010 13	...	...	...	...
Nokkundi ...	230 12	235 10	290 09	340 05	300 12	..	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	260 04	240 03	285 04	320 04	290 03	235 05	160 03	070 06	090 04	...	...
Quetta ...	...	...	...	...	295 05	305 08	...	...	...	...	...
Sargodha ...	095 11	105 16	120 14	180 05	100 03	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...	355 43	355 35	360 33	280 29	310 29	325 25	325 21	040 16	065 12	065 21	130 12	...	...	...	...	...	...	...	...	...	...
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V_r V_r etc.)

PPP—Pressure in hundreds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

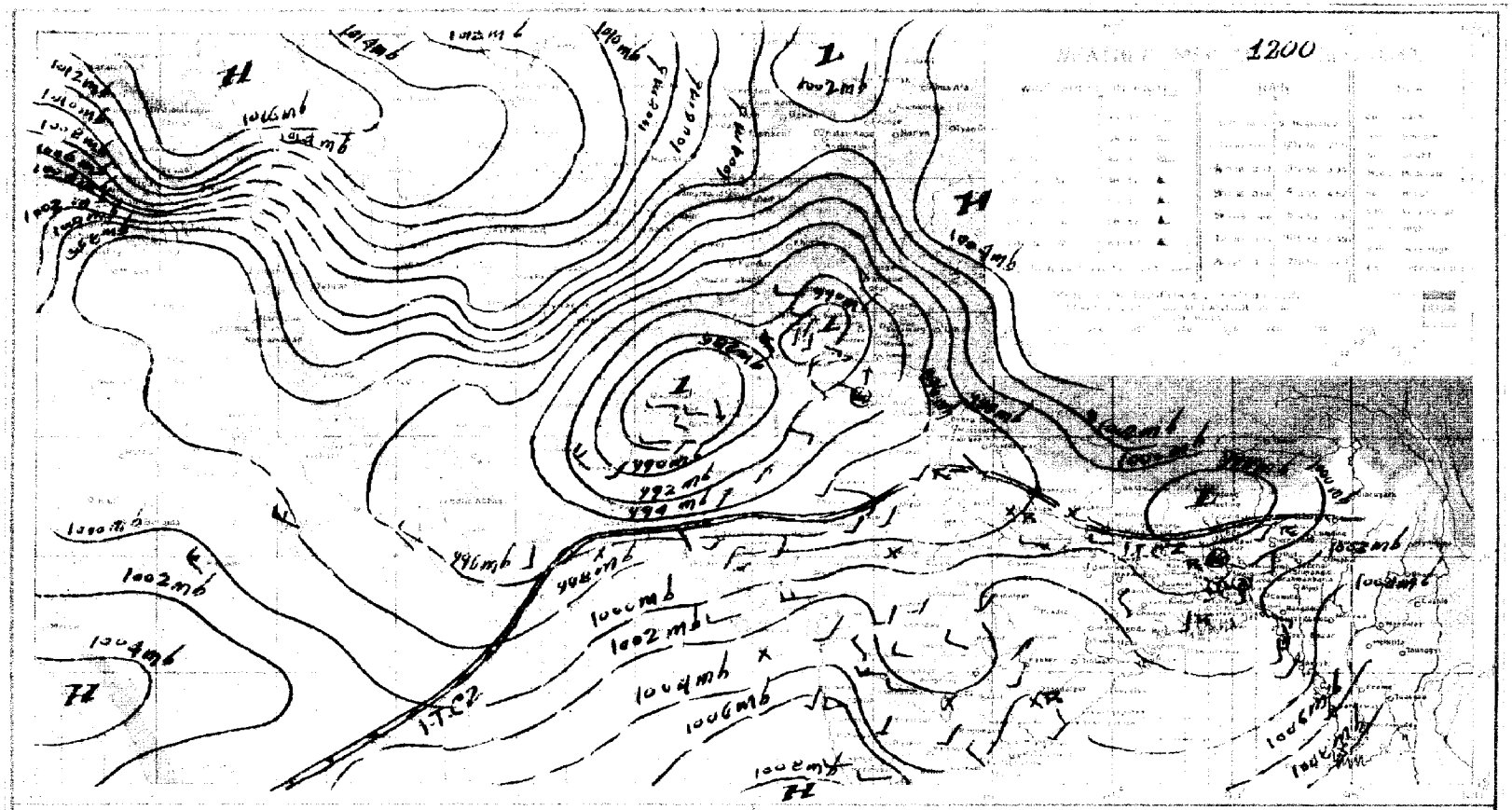
† The actual time of observations may vary within half an hour of the specified time.

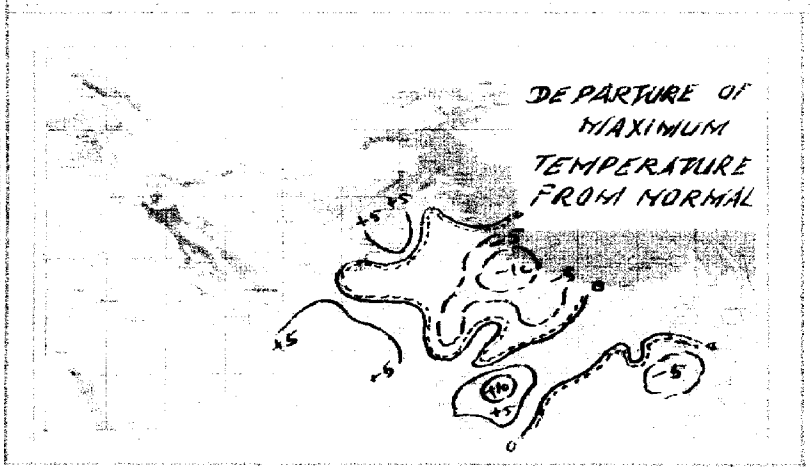
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

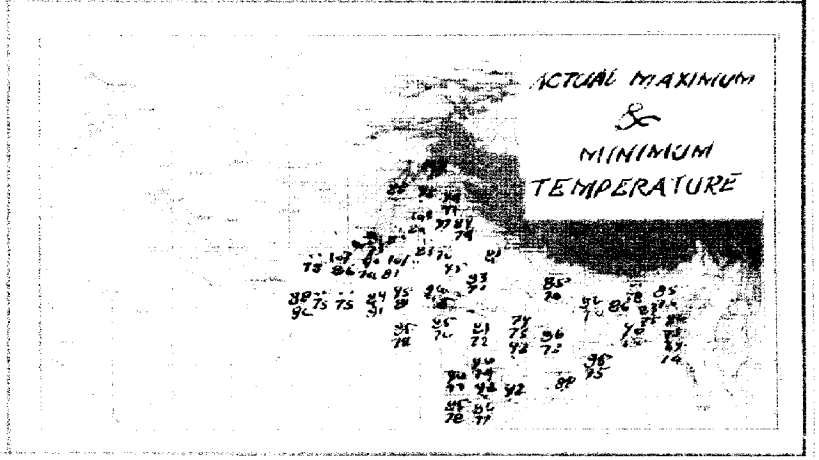
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32

PAKISTAN DAILY WEATHER MAP

SUNDAY 1st AUGUST. 1971.

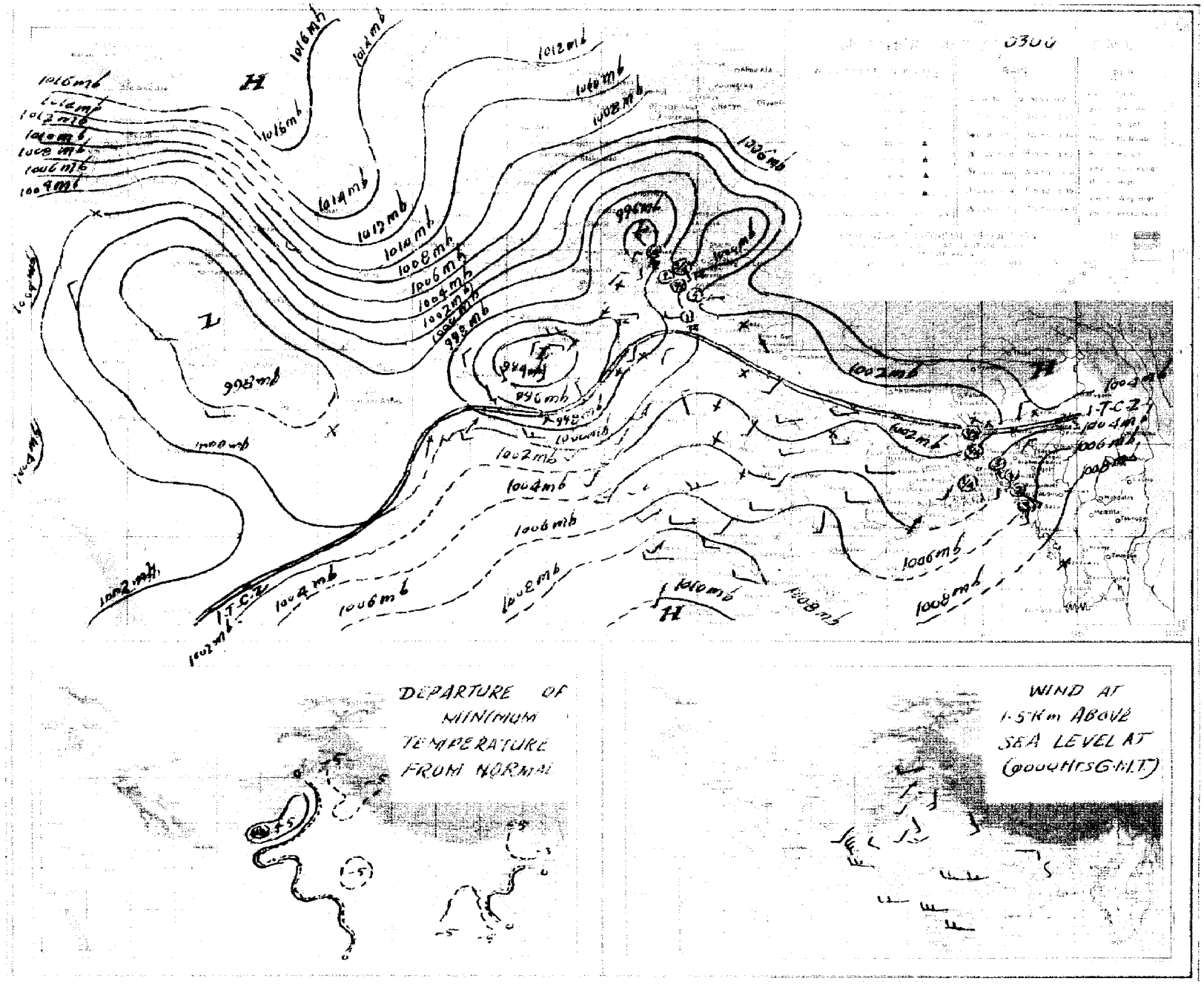






PAKISTAN DAILY WEATHER MAP

MONDAY 2nd AUGUST 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

2 - FEB 9
Copy ____ 1972

TUESDAY THE 3rd AUGUST, 1971.

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

A low pressure area is moving eastwards across northern areas of East Pakistan.

Axis of the monsoon trough is shifting scuth wards and a trough of low over southwest Rajasthan and adjoining Khairpur and Hyderabad divisions.

Yesterday's secondary western disturbance over Kashmir and adjoining areas of West Pakistan has moved away northeast wards.

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

Local rain/thundershowers have been reported from Lahore, Rawalpindi, D I. Khan and Peshawar divisions. Scattered thunderstorms have also been reported from Quetta division and drizzle from Karachi divisions.

Chief amounts of rainfall are Faridpur 2", Chittagong, Maijdee Court and Peshawar 1" each, Cox's Bazar 3/4", Dacca and Jessore ½" each and Srimangal, Barisal, Bogra, Khulna (upto 0000 GMT) and Miranshah ¼" each.

Day temperatures were 9–19 °F (5–11 °C) below normal in Lahore, Rawalpindi and Peshawar divisions, and 3—8 °F (2—4 °C) so in East Pakistan and in Sargodha, Multan, Hyderabad and Khairpur divisions.

Forecast valid until the evening of the 4th August, 1971 :—Rain/thundershowers will be fairly widespread over East Pakistan. Scattered thunderstorms/showers are also likely to occur in Peshawar, Malakand, Rawalpindi, Khairpur and Hyderabad divisions and in Kashmir.

Earth Quake Report Seismographs of geophysical centre, Quetta have recorded an earth quake of severe intensity on 2nd August 1971 at 12 hrs. 35 mts. W.P.S.T. with its epicentre about 4000 miles east of Quetta near Japan.

Karachi-32
The 3rd August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

At 12 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)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)° PPP (11)	Dry Bulb temperature° TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud from † 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	000	0	8	18	12	97	02	2	044	81	5	5	3	5	0	75	83
	Chittagong	089	9	9	19	07	95	61	6	/3	76	8	6	3	2	0	59	//
	Maijdee Court	000	9	5	18	02	96	03	2	016	81	2	2	5	2	/	75	82
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria																	
	Sylhet																	
	Srimangal	016	9	6	13	09	96	95	6	029	80	4	6	2	2	/	75	80
Dacca	Mymensingh	035	1	5	10	00	97	02	6	018	83	5	5	4	0	0	75	94
	Narayanganj	000	0	6	13	03	95	02	2	018	85	4	6	6	3	1	79	84
	Dacca (Tejgaon)	015	9	6	13	05	97	01	6	010	83	4	8	4	0	1	76	//
	Faridpur	120	6	4	18	02	97	02	6	997	83	3	5	5	1	0	75	84
Khulna	Barisal	000	0	6	23	09	96	02	5	022	81	3	4	4	3	8	75	//
	Khulna	025	2	4	00	00	97	02	0	005	81	2	2	4	0	0	81	85
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	056	3	6	16	05	96	01	6	008	81	3	6	4	7	0	79	86
Rajshahi	Pabna	036	6	7	13	05	97	01	6	///	96	5	7	7	2	0	77	//
	Sirajganj																	
	Rajshahi	000	0	3	13	02	96	02	0	012	86	0	0	9	0	3	77	91
	Bogra	000	0	6	13	03	96	01	2	008	63	3	6	4	3	0	77	87
	Dinajpur																	
	Rangpur	000	0	6	13	02	96	03	/	091	85	3	5	6	2	0	79	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	118	6	/	//	//	97	02	6	005	79	4	6	5	2	1	77	60
	Sialkot	036	6	7	00	00	99	03	5	005	83	7	0	9	7	0	76	84
Rawalpindi	Jhelum	039	3	7	00	00	98	02	2	000	84	3	5	6	2	0	79	85
	Islamabad																	
	Rawalpindi	004	6	6	00	00	97	01	6	000	84	1	1	6	3	1	73	85
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha	Khushab	000	0	8	09	03	97	03	2	036	97	7	2	9	1	0	71	97
	Sargodha	000	0	7	09	10	97	03	2	939	86	1	5	6	3	1	75	83
	Lyallpur	000	0	5	36	02	97	02	1	955	90	5	3	8	0	0	79	93
Multan	Sahiwal	000	0	6	13	03	96	02	2	969	96	4	5	9	7	1	69	96
	Multan	000	0	0	36	00	95	00	0	920	91	0	0	9	0	0	75	03
	Leiah																	
Bahawalpur	Khanpur	000	0	4	23	03	96	02	0	961	00	2	0	9	2	1	73	06
	Bahawalpur	000	0	0	00	00	/	//	/	992	95	0	0	9	0	0	70	99
	Fort Abbas	///	/	4	00	00	96	00	2	985	95	4	0	9	0	0	81	98
Malakand	Chakdara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Peshawar	089	8	7	00	00	97	02	9	990	82	6	7	4	2	0	76	84
	Haripur																	
D.I. Khan	Bannu	152	2	7	03	10	98	21	9	010	84	3	3	6	7	9	77	04
	D.I. Khan	000	0	8	13	02	56	06	2	983	92	8	0	9	2	0	77	94
Quetta	Sibi																	
	Nokkundi	000	0	0	36	26	92	32	3	928	00	0	0	9	0	0	88	01
Kalat	Turbat	000	0	0	23	02	98	00	0	029	94	0	0	9	0	0	89	93
	Jiwani	000	0	6	18	09	96	02	2	993	85	6	6	5	0	0	75	86
	Pasni	000	0	0	07	02	97	02	0	///	76	0	0	9	0	0	67	00
	Ormara	000	0	1	27	17	56	01	4	983	6	1	6	6	0	0	77	88
	Lasbela	///	/	0	13	//	9/	0/	0	976	96	0	0	9	0	0	81	98
Karachi division	Karachi (Manora)	000	0	6	25	10	96	03	2	000	82	4	6	4	2	0	75	80
	Karachi (Airport)	000	0	7	23	14	96	02	2	995	85	5	6	4	3	0	73	85
Hyderabad	Nagarparker																	
	Chhor	000	0	8	23	21	96	03	2	984	87	4	5	6	2	0	74	89
	Hyderabad	000	0	6	23	10	97	03	2	981	89	8	0	9	3	0	73	93
	Badin	000	0	7	23	12	97	03	2	002	87	4	7	5	2	0	72	90
Khairpur	Padidan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nawabshah	000	0	5	18	17	96	03	0	953	98	0	0	9	0	2	75	00
	Sukkur	000	0	7	27	05	96	02	0	993	87	7	2	6	0	0	77	90
	Kashmore	000	0	0	05	03	98	02	0	952	00	0	0	9	0	0	78	//
	Jacobabad	000	0	2	11	09	96	05	0	947	00	0	0	9	0	0	79	00
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	009	8	9	13	02	90	49	6	438	65	9	/	0	1	1	63	66
Malakand	Drosh *	000	0	0	20	16	97	02	2	373	93	5	9	/	7	/	57	99
Peshawar	Cherat *	021	1	7	19	/7	96	50	5	431	70	7	4	8	0	0	69	72
	Kakul *	059	6	5	31	03	97	/1	9	436	74	2	3	5	3	3	69	75
	Landikotal *	000	0	8	14	05	97	02	2	427	76	0	2	1	2	0	//	87
	Parachinar *	000	6	7	13	03	97	17	9	437	75	6	9	5	4	0	68	82
D.I. Khan	Miranshah *	000	0	0	05	05	90	00	0	372	98	0	0	9	0	0	75	//
	Wana *	000	0	6	13	05	97	03	0	400	82	6	5	8	0	0	81	83
Quetta	Fort Sandeman *	000	0	0	07	07	96	05	9	395	03	5	4	7	2	1	56	97
	Hindubagh *	000	0	0	27	31	95	05	0	///	98	0	0	9	0	0	66	00
	Loralai *																	
	Barkhan *																	
	Harnai *	000	0	0	31	01	96	02	0	386	96	0	0	9	0	0	80	97
	Samungli (Quetta) *	000	0	0	31	02	96	06	0	389	95	0	0	9	0	0	65	98
	Chaman *	000	0	1	27	09	92	05	0	546	01	/	/	9	0	0	55	02
	Nushki *	000	0	0	23	03	94	06	0	448	01	0	0	9	0	0	44	03
	Dalbandin *	000	0	/	23	03	98	50	4	409	03	/	/	9	/	/	30	05
Kalat	Kalat *	000	0	0	36	00	91	00	2	380	88	0	0	9	0	0	59	92
	Khuzdar *	003	0	0	27	05	95	05	4	384	91	0	0	9	0	0	52	00
	Panjgur *	000	0	0	36	07	95	05	0	418	00	0	0	9	0	0	81	01

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

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 degree 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 TnTn (36)
Chittagong	Rangamati																	
	Cox's Bazar	072	3	6	13	09	95	2	8	/	/	/	/	/			/	//
	Chittagong	107	3	7	13	05	90	02	6	/59	//	2	4	5	6	/	74	72
	Maijdee Court	110	9	7	16	02	97	01	6	046	77	4	1	5	2	1	76	76
	Comilla	000	0	/	18	05	96	02	0	050	81	/	4	7	0	0	76	76
	Brahmanbaria																	
	Sylhet																	
	Srimangal	020	9	6	16	09	96	03	/	053	81	2	2	4	6	2	73	76
Dacca	Mymensingh	010	3	7	13	02	97	50	5	049	79	7	5	4	0	0	76	76
	Narayanganj	00?	1	8	13	04	97	02	5	044	83	6	/	5	3	1	76	76
	Dacca (Tejgaon)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Faridpur	179	2	5	16	05	97	61	6	03?	81	2	4	5	3	0	79	76
Khulna	Barisal	//	/	6	18	07	97	02	6	04?	83	5	4	3	0	0	68	76
	Khulna	025	9	4	13	05	97	02	0	018	81	0	4	4	0	0	79	77
	Satkhira	020	0	8	00	00	97	03	5	042	//	4	4	7	0	0	73	79
	Jessore	063	1	/	13	03	96	21	6	828	81	6	7	3	2	0	79	79
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj																	
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bogra	030	8	8	09	03	96	13	02	032	...	6	5	4	3	0	76	77
	Dinajpur																	
	Rangpur	000	0	6	09	05	96	01	2	048	84	6	0	9	2	0	//	79
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	///	/	7	13	02	97	01	2	015	79	3	3	6	7	0	75	74
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Islamabad	030	0	2	00	00	97	01	0	013	79	1	1	6	3	0	74	79
	Rawalpindi	000	0	0	11	00	97	00	0	///	8/	0	0	9	0	0	//	76
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha	Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lyallpur	030	0	4	00	00	97	02	/	027	82	0	0	9	4	0	70	79
Multan	Sahiwal	000	0	6	13	03	96	03	2	000	87	1	5	6	7	0	69	83
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Leiah																	
Bahawalpur	Khanpur	000	0	2	30	03	96	02	0	003	84	0	8	9	0	1	75	81
	Bahawalpur	000	0	0	08	08	96	00	0	005	87	0	0	9	0	0	74	84
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malakand	Chakdara	000	0	5	03	00	9/	03	1	988	79	5	9	9	3	0	75	74
Peshawar	Peshawar	089	0	7	00	00	97	02	2	/03	/2	3	5	6	3	2	75	77
	Haripur																	
D.I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D.I. Khan	000	0	8	05	02	97	02	0	013	82	2	5	6	5	0	77	79
Quetta	Sibi																	
	Nokkundi	000	0	0	05	03	9/	05	4	985	83	0	0	9	0	0	48	76
Kalat	Turbat	000	0	0	16	02	98	00	0	064	84	0	0	9	0	0	78	82
	Jiwani	000	0	7	13	09	96	02	2	013	81	7	6	5	0	0	74	79
	Pasni	000	0	0	18	02	97	02	0	///	//	/	/	/	/	/	//	//
	Ormara	000	0	6	27	05	96	02	2	015	82	6	6	6	0	0	76	//
	Lasbela	///	/	5	09	0/	98	/0	0	015	82	/	0	8	/	0	78	8/
Karachi division	Karachi (Manora)	000	0	6	27	10	96	02	2	018	82	6	0	9	2	0	78	81
	Karachi (Airport)	030	0	7	27	07	96	02	2	018	82	5	6	5	3	0	76	81
Hyderabad	Nagarparker																	
	Chhor	000	0	8	23	14	96	03	2	009	81	4	5	6	2	1	76	79
	Hyderabad	000	0	6	23	09	97	02	1	004	84	0	0	9	0	1	75	81
	Badin	000	0	8	23	10	96	03	1	020	81	1	7	6	1	/	75	8/
Khairpur	Padidan	000	0	4	09	02	99	/3	5	009	80	7	5	9	4	/	//	//
	Nawabshah	000	0	4	00	00	96	03	2	998	/5	/	0	9	0	8	76	81
	Sukkur	000	0	6	13	05	96	03	0	952	84	6	/	9	6	/	75	80
	Kashmore	000	0	0	18	02	98	02	2	976	85	0	0	9	0	0	73	81
	Jacobabad	000	0	0	09	07	96	05	0	003	85	0	0	9	0	0	79	83
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malakand	Drosh *	000	0	4	00	00	98	06	2	426	61	3	1	7	6	0	61	75
Peshawar	Cherat *	001	0	6	18	05	96	01	2	442	71	6	4	8	2	0	69	//
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Landikotal *	000	0	3	/8	02	97	02	2	446	76	8	0	/	2	0	70	7/
	Parachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Miranshah *	000	0	0	05	05	99	08	0	397	87	0	0	9	0	0	70	74
	Wana *	000	0	8	13	02	97	51	0	381	73	8	5	8	0	0	73	73
Quetta	Fort Sandeman *	000	0	3	00	00	96	05	1	429	76	2	4	7	/	/	70	74
	Hindubagh *	000	0	0	11	02	95	05	0	///	77	0	0	9	0	0	44	66
	Loralai *																	
	Barkhan *																	
	Harnai *	000	0	0	13	01	96	03	0	410	82	2	0	7	/	/	73	82
	Samungli (Quetta) *	000	0	7	25	10	96	05	2	/15	82	7	5	4	3	0	78	80
	Chaman *	000	0	0	27	03	96	00	0	470	79	0	0	9	0	0	/4	79
	Nushki *	000	0	0	33	02	94	06	0	477	/6	0	0	9	0	0	32	84
	Dalbandin *	000	0	0	27	03	96	00	0	432	91	0	0	9	0	0	81	87
Kalat	Kalat *	000	0	7	09	00	90	00	2	412	72	/	2	9	0	0	53	73
	Khuzdar *	000	0	0	00	00	96	05	4	416	80	0	0	9	0	0	68	76
	Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Departure from Normal of / Rainfall

DIVISIONS (1)	STATIONS (2)	Maximum temperature TxTx (37)	Minimum temperature TnTn (38)	Since 1st June, 1971 to-date (39)	Departure from normal (40)	Since 1st January, 1971 to-date (41)	Annual Normal (42)
Chittagong	Rangamati						
	Cox's Bazar	— 2	//	99.6	+30.4	—	140
	Chittagong	/	— 4	67.3	+20.?	—	108
	Maijdee Court	+ 1	+ 1	38.2	—08.6	—	115
	Comilla		— 1	24.9	—11.8	—	94
	Brahmanbaria	—	—	—	—	—	78
	Sylhet	—	—	—	—	—	—
	Srimangal	— 11	0	1.0	—33.5	—	98
Dacca	Mymensingh	+ 6	— 2	32.9	— 2.5	—	91
	Narayanganj	— 4	— 3	6.4	—	—	74
	Dacca (Tejgaon)	—	—	26.5	—	—	—
	Faridpur	— 3	— 3	—	—	—	71
Khulna	Barisal	//	— 2	26.7	— 7.8	—	81
	Khulna	—	—	2.9	— 5.7	—	68
	Satkhira	—	—	22.0	— 5.1	—	65
	Jessore	— 1	0	12.0	—13.9	—	65
Rajshahi	Pabna	//	—	—	—	—	59
	Sirajganj	—	—	—	—	—	64
	Rajshahi	—	—	11.7	—15.9	—	—
	Bogra	— 1	— 2	—	—	—	69
	Dinajpur	—	—	—	—	—	72
	Rangpur	+ 2	0	1.4	—34.1	—	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 11	— 6	8.4	+ 0.8	11.4	19
	Sialkot	— 12		17.1	+ 6.5	23.1	32
Rawalpindi	Jhelum	—	—	—	—	—	—
	Islamabad	— 10	+ 3	24.2	+13.1	24.6	36
	Rawalpindi	—	—	—	—	—	—
	Campbellpur						
Sargodha	Khushab	— 4		5.2	— 0.5	7.2	15
	Sargodha	—	—	3.2	—	7.2	—
	Lyallpur	— 6	— 2	6.3	+ 1.9	9.6	12
Multan	Sahiwal	— 5	+ 1	1.8	— 0.8	2.4	10
	Multan	—	—	—	—	—	7
	Leiah						8
Bahawalpur	Khanpur	—	—	1.1	— 1.9	1.5	6
	Bahawalpur	—	—	0.0	— 2.9	0.3	6
	Fort Abbas	—	—	—		—	8
Malakand	Chakdara	—	—	4.8	—	7.6	
Peshawar	Peshawar	— 16	— 2	3.9	+20.6	12.4	11
	Haripur	—	—	—	—		—
D.I. Khan	Bannu	—	—	0.7	—	3.0	11
	D.I. Khan	— 7	— 3	0.5	— 2.6	3.3	9
Quetta	Sibi	—	—	—	—	—	5
	Nokkundi	—	—	0.0	—	0.0	2
Kalat	Turbat	—	—	0.0	—	0.0	—
	Jiwani	—	—	0.0	—	1.5	5
	Pasni	— 1	//	0.6	— 0.8	0.0	6
	Ormara	—	—	0.8	+ 0.1	0.8	6
	Lasbela	—	—	0.0	—	0.0	
Karachi division	Karachi (Manora)	— 5	+ 2	—	—	—	8
	Karachi (Airport)	—	—	1.4	—	1.5	8
Hyderabad	Nagarparker	—	—	—	—	—	—
	Chhor	—	—	2.9	—	3.7	7
	Hyderabad	— 4	+ 1	0.9	— 2.7	0.9	9
	Badin	—	—	0.4	— 3.6	0.4	
Khairpur	Padidan	—	—	0.2	—	0.2	—
	Nawabshah	—	—	0.6	—	0.6	4
	Sukkur	—	—	2.2	—	2.2	—
	Kashmore	—	—	0.0	—	0.0	4
	Jacobabad	— 6	0	2.5	+ 1.2	2.6	20
Junagadh	Veraval						26
	HILL STATIONS						—
Kashmir	Srinagar *						71
	Gulmarg **						26
	Sonamarg **						3
	Dras **						6
	Leh **						—
	Skardu *						—
	Misgar **						5
	Aliabad *						59
	Gilgit *						18
Rawalpindi	Murree *	— 9		26.2	+ 8.6	35.4	29
Malakand	Drosh *	+ 3	+ 3	1.3	—	9.9	—
Peshawar	Cherat *	— 15	//	4.4	— 0.9	3.9	—
	Kakul *	—	—	17.7	—	32.7	29
	Landikotal *	—	—	5.3	—	14.9	13
	Parachinar *	— 3		4.8	—	12.4	11
D.I. Khan	Miranshah *	//	+ 1	0.0	— 2.4	1.9	13
	Wana *		—	0.3	—	1.0	—
Quetta	Fort Sandeman *	+ 2	+ 1	5.1	+ 2.1	2.9	9
	Hindubagh *	—	—	0.4	—	2.1	—
	Loralai *	—	—	—	—	—	14
	Barkhan *	—	—	—	—	—	9
	Harnai *	—	—	0.0	— 4.3	0.0	8
	Samungli (Quetta) *	+ 5	— 12	0.5	— 0.3	3.2	—
	Chaman *	+ 2	+ 4	0.0	— 0.1	1.3	—
	Nushki *	—	—	0.0	—	1.1	4
	Dalbandin *	— 3	— 12	0.0	— 0.2	0.7	7
Kalat	Kalat *	0	+ 18	0.0	— 0.8	0.4	—
	Khuzdar *	—	—	0.8	—	1.1	5
	Panjgur *	0		0.0	—	0.1	—

† 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 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

When ever 999 is given RRR see the summary bove for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 3rd AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA JFVG ...	99 2 08	10 6 32	02 1 24	82 2 21	96 0 22	02 3 27	65 4 71	...	73 8 32	...	0/ / 26	12 6 05	30 3 02	/3 6 06
—do— CSBC ...	99 2 38	10 5 80	03 0 04	03 2 05	98 0 20	00 0 29	00 9 00	...	73 7 03	...	05 9 28	13 3 50	...	...
—do— GRLA ...	99 2 25	10 6 23	03 0 63	71 8 17	97 0 5/	02 8 27	63 4 00	...	...	...	0/ / 24	12 5 02	30 4 05	22 6 07

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels												
		Surface	1000_{mb}	850_{mb}	700_{mb}	500_{mb}	400_{mb}	300_{mb}	200_{mb}	150_{mb}	100_{mb}	70_{mb}	50_{mb}	30_{mb}
		PoPoPoToToToDoDo	bhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	03/ 244 15	058 249 25	470 172 01	010 084 04	582 05/ 56	754 159 61	965 305 //	241 52/ //	422 667 //	...	...	...	...
Dacca ...	00 00	102 260 08	028 244 10	4:0 176 06	067 114 27	580 /33 56	744 139 //	958 277 //	237 491 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...														
Multan ...														
Peshawar ...														
Quetta ...														
Sargodha ...	00 00	980 244 25	016 /// //	MISDA	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT_a DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmPmPmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	$P_tP_tP_tT_tT_tT_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	553 333 25	125 559 //	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	508 212 12	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms a.s.l.→	At 1200 hrs. G.M.T. † of Previous day (ddfff) 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 (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 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
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	175 03	135 06	130 08	120 06	320 07	350 11	...	345 21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	255 24	252 40	225 24	225 23	...	235 25	...	...	...	205 17	210 14	225 14	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cher t ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	175 23	175 21	190 18	225 17	150 16	195 16	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	130 13	130 16	125 18	...	...	...	...	...	...	185 13	200 14	200 21	...	200 15	...	150 14	150 19	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	190 07	155 10	145 15	145 13	155 19	100 10	050 11	040 09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	220 18	225 21	155 13	...	...	...	...	...	...	2/5 07	235 01	170 05	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	240 01	110 17	110 20	185 04	...	...	...	...	...	110 06	085 04	100 12	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	255 54	195 07	150 07	090 12	095 10	...	...	...	...	200 04	360 06	110 10	080 06	070 08	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	160 09	145 13	...	...	...	...	...	...	...	...	...	...	...	...	...	125 12	115 13	...	...	...	...	...	...	...	...	...
Karachi ...	250 22	250 23	245 24	...	...	...	...	...	...	...	...	...	...	...	...	275 15	280 15	280 15	...	...	...	...	...	...	...	...
Khanpur ...	190 04	175 04	150 05	175 10	145 06	095 05	035 07	...	...	215 12	225 13	2.5 13	220 13	185 14	160 10	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	085 07	09/ 11	090 12	...	...	...	...	...	...	040 05	055 06	070 03	020 05	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	135 09	120 12	101 3/	115 12	125 08	...	...	...	...	210 12	230 13	195 07	090 09	060 04	...	200 02	190 01	190 02	090 04	345 03	010 12	345 16	...	...	...	...
Nawab Shah ...	205 20	210 14	250 08	005 00	025 10	331 03	...	...	...	...	...	...	...	...	...	035 03	030 06	050 11	040 15	055 12	075 21	...	...	...	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	060 04	150 05	190 09	...	...	...	...	...	...	...	...	...	...	...	...	025 02	180 02	120 02	170 01	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	325 01	310 0/	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	/// //	270 06	160 01	...	...	...	...	...	...	/// //	265 05	285 02	No	Ascent	...	...	...	...	...	...	...	...	...
Sargodha ...	090 15	090 04	090 13	260 04	225 02	340 12	301 8/	320 28	...	...	...	...	...	...	...	050 04	080 06	080 09	075 01	015 06	070 13	345 23	325 27	320 27	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	225 01	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V_r V_r etc.)

PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

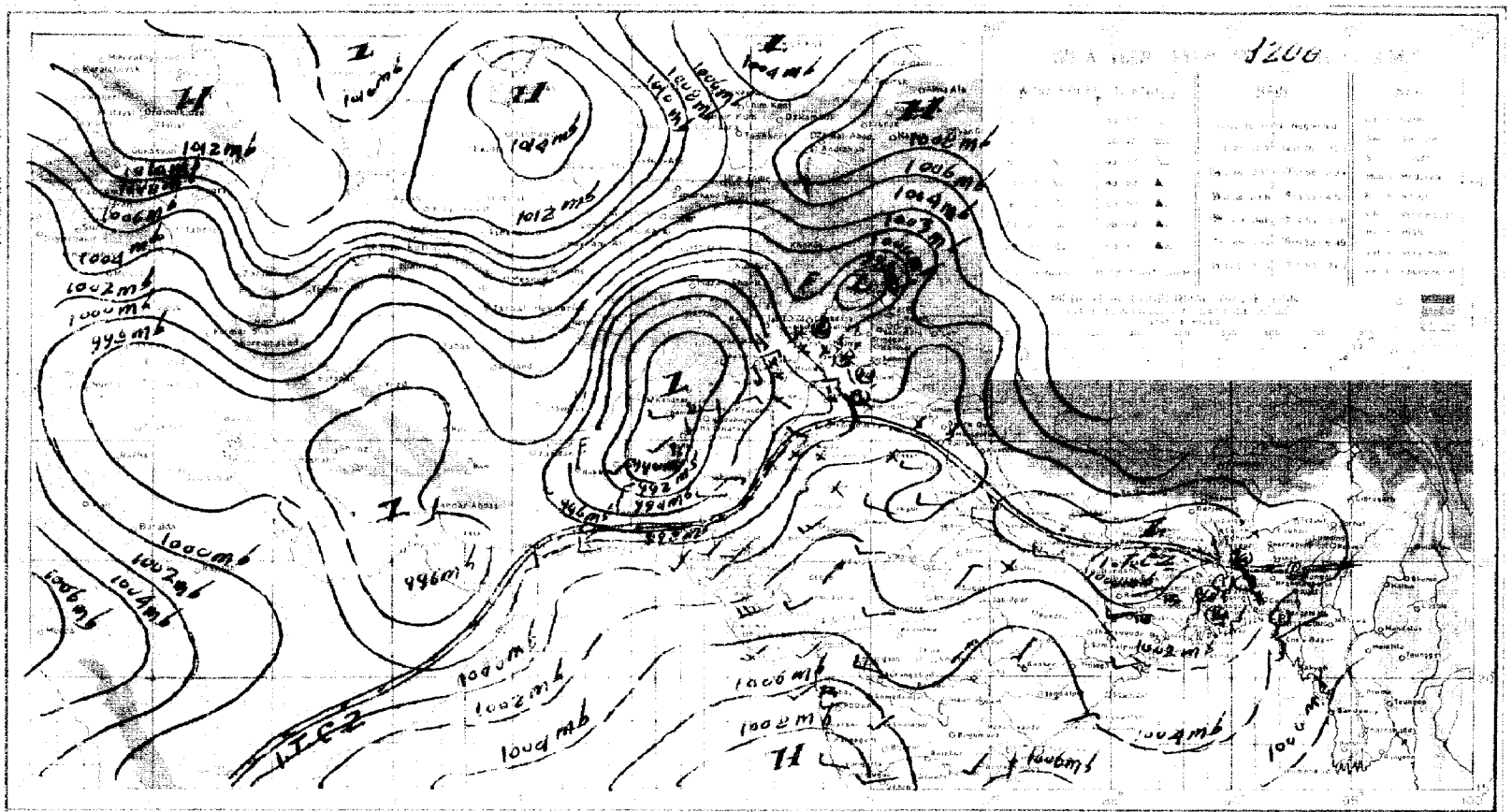
The actual time of observations may vary within h lf an hour of the specified time.

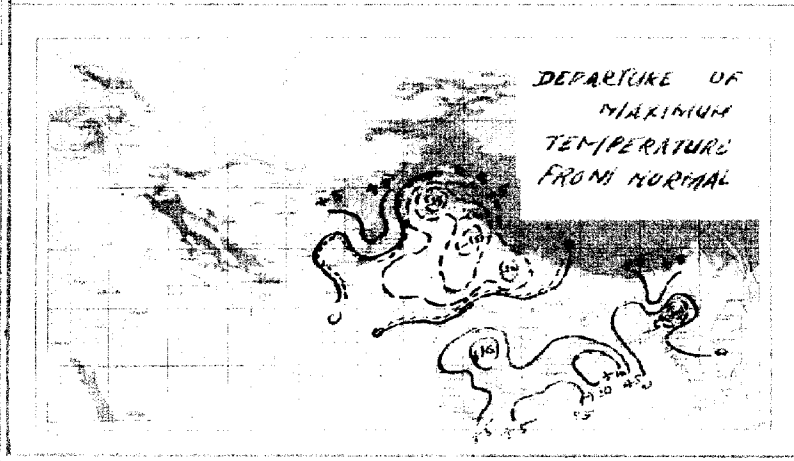
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

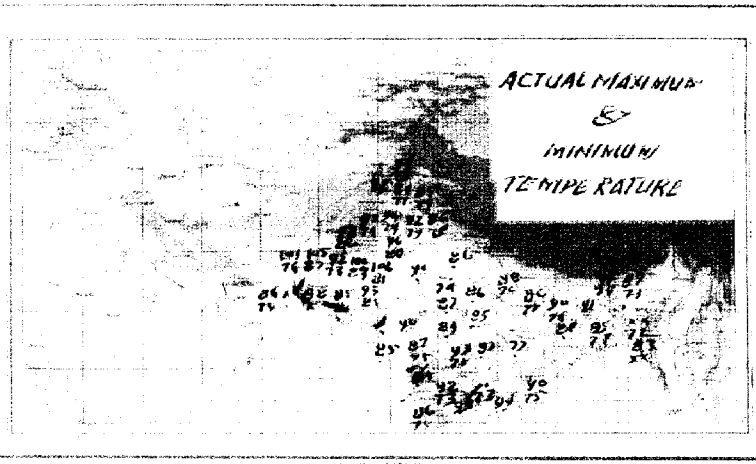
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

PAKISTAN DAILY WEATHER MAP

MONDAY 2nd AUGUST, 1971

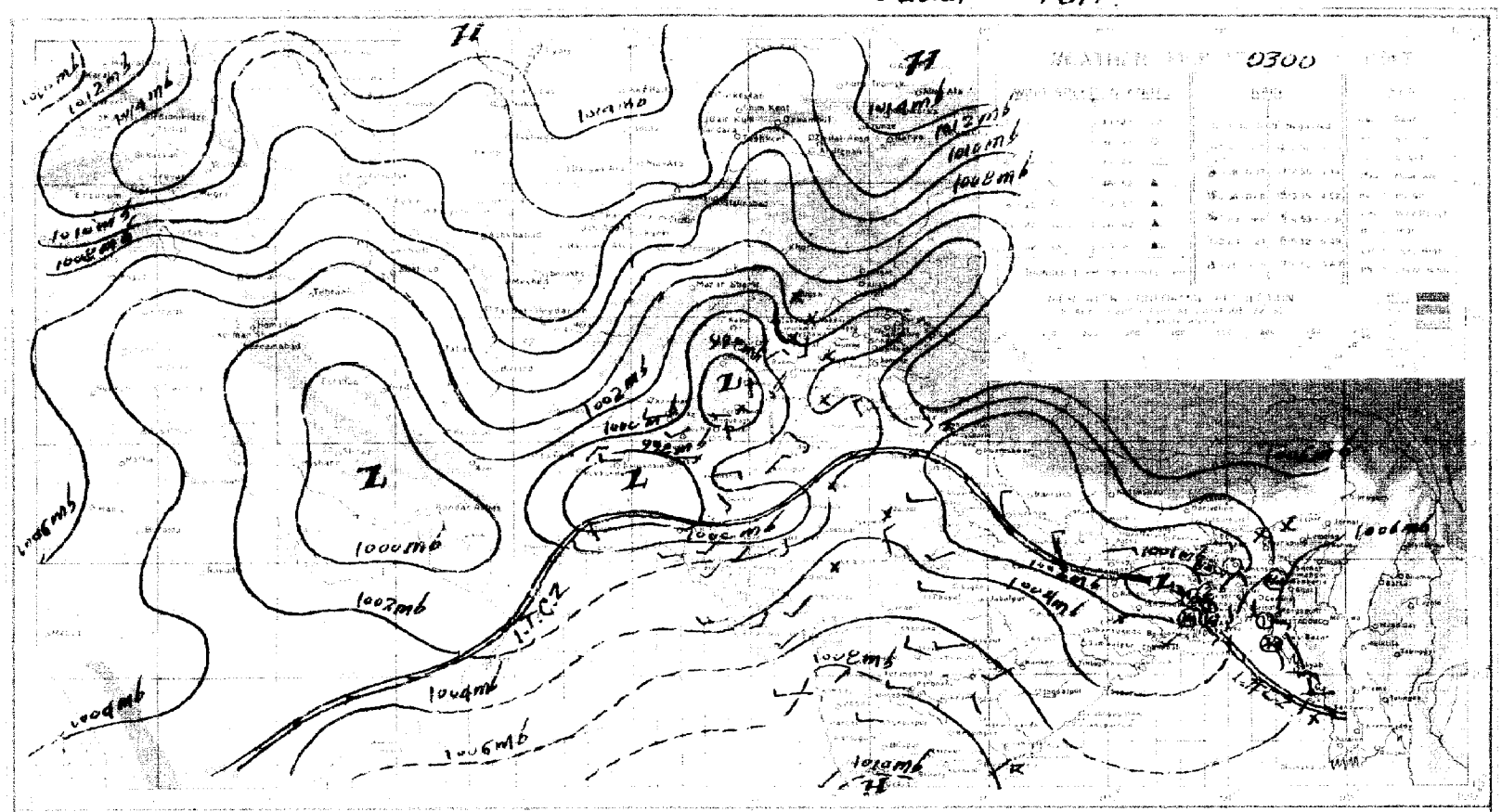


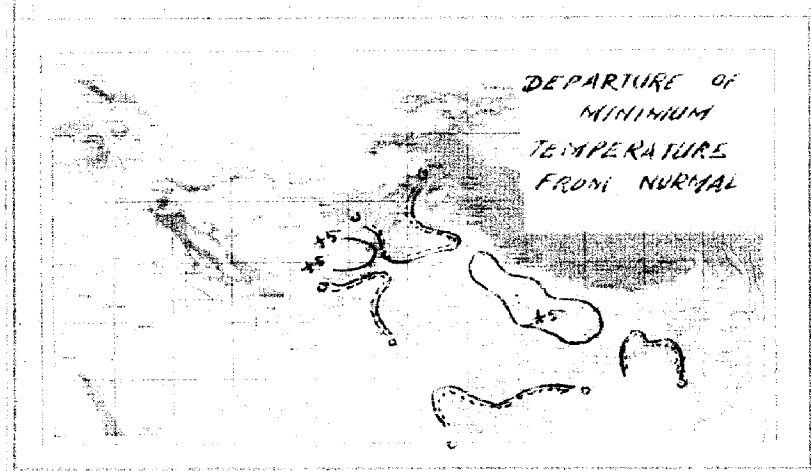


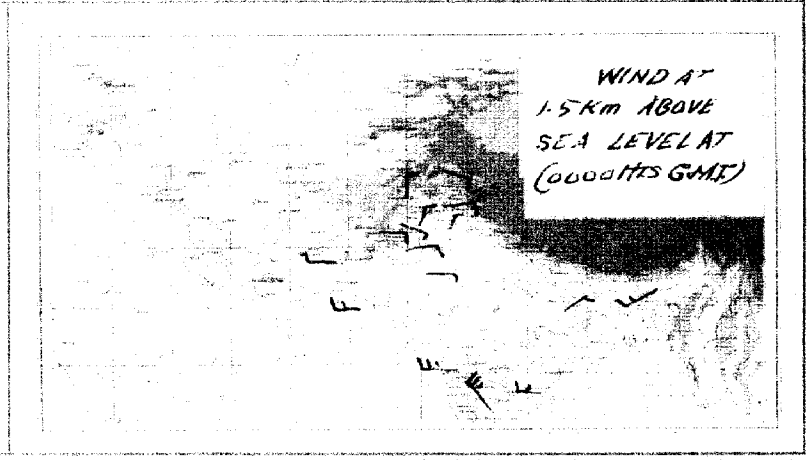


PAKISTAN DAILY WEATHER MAP

TUESDAY 3rd AUGUST 1971.







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Pages 1—4 Rs. 5/- per month

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

TUESDAY THE 3rd AUGUST, 1971.

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

A low pressure area is moving eastwards across northern areas of East Pakistan.

Axis of the monsoon trough is shifting south wards and a trough of low over southwest Rajasthan and adjoining Khairpur and Hyderabad divisions.

Yesterday's secondary western disturbance over Kashmir and adjoining areas of West Pakistan has moved away northeast wards.

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

Local rain/thundershowers have been reported from Lahore, Rawalpindi, D I. Khan and Peshawar divisions. Scattered thunderstorms have also been reported from Quetta division and drizzle from Karachi divisions.

Chief amounts of rainfall are Faridpur 2", Chittagong, Maijdee Court and Peshawar 1" each, Cox's Bazar 3/4", Dacca and Jessore ½" each and Srimangal, Barisal, Bogra, Khulna (upto 0000 GMT) and Miranshah ¼" each.

Day temperatures were 9—19 °F (5—11 °C) below normal in Lahore, Rawalpindi and Peshawar divisions, and 3—8 °F (2—4 °C) so in East Pakistan and in Sargodha, Multan, Hyderabad and Khairpur divisions.

Forecast valid until the evening of the 4th August, 1971 :—Rain/thundershowers will be fairly widespread over East Pakistan. Scattered thunderstorms/showers are also likely to occur in Peshawar, Malakand, Rawalpindi, Khairpur and Hyderabad divisions and in Kashmir.

Earth Quake Report Seismographs of geophysical centre, Quetta have recorded an earth quake of severe intensity on 2nd August 1971 at 12 hrs. 35 mts. W.P.S.T. with its epicentre about 4000 miles east of Quetta near Japan.

Karachi-32
The 3rd August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in cents of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and cents) (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total Cloud amount (N)	Wind direction in cents of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and cents) (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 (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum temperature (TnTn)	Rainfall: Since 1st June, 1971 to-date	Departure from normal	Since 1st January, 1971 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 ...																		072	3	6	13	09	95	2	8																
	Cox's Bazar ...	000	0	8	10	12	97	02	2	044	81	5	5	3	5	0	75	83	107	3	7	13	05	95	02	6	59		2	4	5	6		74	72	— 2		99.6	+30.4	—	140
	Chittagong ...	069	9	8	18	07	95	61	6	13	76	8	6	3	2	0	59	77	107	3	7	13	05	96	02	6	59		2	4	5	6		74	72	— 4		67.3	+20.-	—	108
	Maijdee Court ...	000	9	5	18	02	96	03	2	016	81	2	2	5	2		75	82	100	9	7	16	07	97	01	6	046	77	4	1	5	2	1	76	76	+ 1	+ 1	38.3	—08.6	—	115
	Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	/	18	05	96	02	0	050	81	/	4	7	0	0	76	76	—	— 1	24.9	—11.8	—	94
	Brahmanbaria ...																																			—	—	—	—	—	78
	Sylhet ...																																			—	—	—	—	—	—
	Srimangal ...	018	9	6	13	09	96	95	6	029	80	4	6	2	2	/	75	80	020	9	6	16	07	96	03	/	053	81	2	2	4	6	2	73	76	— 11	0	1.0	—33.5	—	98
Dacca	Mymensingh ...	035	1	5	10	00	97	02	6	018	83	5	5	4	0	0	75	94	010	3	7	13	02	97	50	5	049	79	7	5	4	0	0	76	76	+ 6	— 2	32.9	— 2.5	—	91
	Narayanganj ...	000	0	6	13	03	95	02	2	018	85	4	6	6	3	1	79	84	007	1	8	13	04	97	02	5	044	83	6	/	5	3	1	76	76	— 4	— 3	6.4		—	74
	Dacca (Tejgaon) ...	015	9	6	13	05	97	01	6	010	83	4	8	4	0	1	76	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	26.5	—	—	—
	Faridpur ...	120	6	4	18	02	97	02	6	997	83	3	5	5	1	0	75	84	179	2	5	16	05	97	61	6	039	81	2	4	5	3	0	79	76	— 3	— 3	—	—	—	71
Khulna	Barisal ...	000	0	6	23	09	96	02	5	022	81	3	4	4	3	8	75	//	///	/	6	18	07	97	02	6	041	83	5	4	3	0	0	68	76	—	— 2	26.7	— 7.8	—	81
	Khulna ...	025	2	4	00	00	97	02	0	005	81	2	2	4	0	0	81	85	025	9	4	13	05	97	02	0	018	81	0	4	4	0	0	79	77	—	—	2.9	— 5.7	—	68
	Satkhira ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	020	0	8	00	00	97	03	5	042	/	4	4	7	0	0	73	79	—	—	22.0	— 5.1	—	65
	Jessore ...	056	3	6	16	05	96	01	6	008	81	3	6	4	7	0	79	86	063	1	/	13	03	96	21	6	628	81	6	7	3	2	0	79	79	— 1	0	12.0	—13.9	—	65
Rajshahi	Pabna ...	036	6	7	13	05	97	01	6	///	96	5	7	7	2	0	77	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	//	—	—	—	—	59
	Sirajganj ...																																			—	—	—	—	—	64
	Rajshahi ...	000	0	3	13	02	96	02	0	012	86	0	0	9	0	3	77	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	11.7	—15.9	—	—
	Bogra ...	000	0	6	13	03	96	01	2	009	83	3	6	4	3	0	77	87	030	8	8	09	05	96	13	02	032		6	5	4	3	0	76	77	— 1	— 2	—	—	—	69
	Dinajpur ...																																			—	—	—	—	—	72
	Rangpur ...	000	0	6	13	02	96	03	/	091	85	3	5	6	2	0	79	91	000	0	6	03	05	96	01	2	048	84	6	0	9	2	0	//	79	+ 2	0	1.4	—34.1	—	84
Kashmir	Jammu ...																																								
Lahore	Lahore (Jail Rd.) ...	118	6	/	//	/	97	02	6	005	79	4	6	5	2	1	77	80	///	/	7	13	02	97	01	2	015	79	3	3	6	7	0	75	74	— 11	— 6	8.4	+ 0.8	11.4	19
	Sialkot ...	036	6	7	00	00	99	03	5	035	83	7	0	9	7	0	76	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 12		17.1	+ 6.5	23.1	32
Rawalpindi	Jhelum ...	039	3	7	00	00	98	02	2	000	84	3	5	6	2	0	79	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—
	Islamabad ...																																			—	—	—	—	—	—
	Rawalpindi ...	004	6	6	00	00	97	01	6	000	84	1	1	6	3	1	73	85	030	0	2	00	00	97	01	0	013	79	1	1	6	3	0	74	79	— 10	+ 3	24.2	+13.1	24.6	36
	Campbellpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	11	00	97	00	0	///	81	0	0	9	0	0	//	76	—	—	—	—	—	—
Sargodha	Khushab ...	000	0	9	09	03	97	03	2	036	97	7	2	9	1	0	71	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4		5.2	— 0.5	7.2	15
	Sargodha ...	000	0	7	09	10	97	03	2	999	86	1	5	6	3	1	75	83	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	3.2	—	7.2	—
	Lyallpur ...	000	0	5	36	02	97	02	1	955	90	5	3	8	0	0	79	93	030	0	4	00	00	97	02	1	027	82	0	0	9	4	0	70	79	— 6	— 2	6.3	+ 1.9	9.6	12
Multan	Sahiwal ...																																			—	—	—	—	—	10
	Multan ...	000	0	6	13	03	98	02	2	568	96	4	5	9	7	1	69	96	000	0	6	13	03	96	03	2	000	87	1	5	6	7	0	69	83	— 5	+ 1	1.8	— 0.8	2.4	7
	Lodhi ...	000	0	0	36	00	95	00	0	920	91	0	0	9	0	0	75	03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—
Bahawalpur	Khanpur ...	000	0	4	23	03	96	02	0	961	00	2	0	9	2	1	73	06	000	0	2	30	03	96	02	0	033	84	0	8	9	0	1	75	81	—	—	1.1	— 1.9	1.5	8
	Bahawalpur ...	000	0	0	00	00	/	/	/	992	95	0	0	9	0	0	70	99	000	0	0	08	08	96	00	0	005	87	0	0	9	0	0	74	84	—	—	0.0	— 2.9	0.3	6
	Fort Abbas ...	///	/	4	00	00	96	00	2	985	95	4	0	9	0	0	81	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	6
Malakand	Chakdara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	5	03	00	9.	03	1	988	79	5	9	9	3	0	75	74	—	—	4.8	—	7.6	—
Peshawar	Peshawar ...	059	8	7	00	00	97	02	9	590	82	6	7	4	2	0	76	84	089	0	7	00	00	97	02	2	003	12	3	5	6	3	2	75	77	— 16	— 2	3.9	+20.6	12.4	11
	Peshawar ...																																			—	—	—	—	—	—
D. I. Khan	Bannu ...	15:	2	7	00	0	98	21	9	010	84	3	3	6	7	9	77	04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.7	—	3.0	11
	D. I. Khan ...	000	0	8	13	02	96	06	2	963	92	8	0	9	2	0	77	94	000	0	8	05	02	97	02	0	014	82	2	5	6	5	0	77	79	— 7	— 3	0.5	— 2.6	3.3	9
Quetta	Sibi ...																																			—	—	—	—	—	5
	Nokkundi ...	000	0	0	36	26	92	32	3	918	00	0	0	9	0	0	88	01	000	0	0	05	03	9.	05	4	985	83	0	0	9	0	0	48	76	—	—	0.0	—	0.0	2
Kalat	Turbat ...	000	0	0	23	02	98	00	0	029	94	0	0	9	0	0	89	98	000	0	0	16	02	98	00	0	064	84	0	0	9	0	0	78	82	—	—	0.0	—	0.0	—
	Jiwani ...	000	0	6	18	09	96	02	2	993	85	6	6	5	0	0	75	86	000	0	7	13	09	96	02	2	013	81	7	6	5	0	0	74	79	—	—	0.0	—	1.5	5
	Pasni ...	000	0	0	07	02	97	02	0	///	76	0	0	9	0	0	67	00	000	0	0	18	02	97	02	0	///	/	/	/	/	/	/	//	//	— 1	//	0.6	— 0.8	0.0	6
	Ormara ...	000	0	1	27	17	96	01	4	993	86	1	6	6	0	0	77	88	000	0	6	27	05	96	02	2	015	82	6	6	6	0	0	76	//	—	—	0.8	+ 0.1	0.8	6
	Lasbela ...	///	/	0	13	/	9.	0.	0	976	96	0	0	9	0	0	81	98	///	/	5	09	0.	98	10	0	015	82	/	0	8	/	0	78	8.	—	—	0.0	—	0.0	—
Karachi division	Karachi (Manora) ...	000	0	6	25	10	96	03	2	000	82	4	6	4	2	0	75	80	000	0	6	27	10	96	02	2	018	82	6	0	9	2	0	78	81	— 5	+ 2	—	—	—	8
	Karachi (Airports) ...	000	0	7	23	14	96	02	2	995	85	5	6	4	3	0	73	85	000	0	7	27	07	96	02	2	018	82	5	6	5	3	0	76	81	—	—	1.4	—	1.5	—
Hyderabad	Nagarparker ...																																			—	—	—	—	—	—
	Chhor ...	000	0	8	23	21	96	03	2	984	87	4	5	6	2	0	74	89	000	0	8	23	14	96	03	2	009	81	4	5	6	2	1	76	79	—	—	2.9	—	3.7	7
	Hyderabad ...	000	0	6	23	10	97	03	2	981	89	8	0	9	3	0	73	93	000	0	6	23	09	97	02	1	004	84	0	0	9	0	1	75	81	— 4	+ 1	0.9	— 2.7	0.9	9
	Badin ...	000	0	7	23	12	97	03	2	002	87	4	7	5	2	0	72	90	000	0	8	23	10	96	03	1	020	81	1	7	6	1	1	75	81	—	—	0.4	— 3.6	0.4	
Khairpur	Padidan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	09	02	99	13	5	039	80	7	5	9	4	/	//	//	—	—	0.2	—	0.2	—
	Nawabshah ...	000	0	5	18	17	96	03	0	953	98	0	0	9	0	2	75	00	000	0	4	00	00	96	03	2	998	85	/	0	9	0	8	76	81	—	—	0.6	—	0.6	4
	Sukkur ...	000	0	7	27	05	96	02	0	993	87	7	2	6	0	0	77	90	000	0	6	13	05	96	03	0	952	84	6	0	9	6	/	75	80	—	—	2.2	—	2.2	—
	Kashmore ...	000	0	0	05	03	98	03	0	952	00	0	0	9	0	0	78	//	000	0	0	18	02	98	02	2	976	85	0	0	9	0	0	73	81	—	—	0.0	—	0.0	4
	Jacobabad ...	000	0	2	11	09	96	05	0	947	00	0	0	9	0	0	79	00	000	0	0	09	07	96	05	0	003	85	0	0	9	0	0	79	83	— 6	0	2.5	+ 1.2	2.6	
Junagadh	Veraval ...																																								20 26
Kashmir	HILL STATIONS																																								
	Srinagar * ...																																								71
	Gulmarg ** ...																																								26
	Sonamarg ** ...																																								3
	Dras ** ...																																								6
	Leh ** ...																																								
	Skardu ** ...																																								5
	Misgar ** ...																																								59
	Aliabad ** ...																																								18
	Gilgit * ...																																								
Rawalpind	Murree ...	009	8	9	13	02	90	49	6	438	65	9	/	0	1	1	63	66	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 9		26.2	+ 8.6	35.4	29
Malakand	Drosh * ...	000	0	0	20	16	97	02	2	373	93	5	9	1	7	/	57	99	000	0	4	00	00	98	06	2	426	81	3	1	7	6	0	61	75	+ 3	+ 3	1.3	—	9.9	—
Peshawar	Cherat * ...	021	1	7	19	17	96	50	5	431	70	7	4	8	0	0	69	72	001	0	6	18	05	96	01	2	442	71	6	4	8	2	0	69	//	— 15	//	4.4	— 0.9	3.9	—
	Kakul * ...	058	6	5	31	03	97	11	9	436	74	2	3	5	3	3	69	75	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	17.7	—	32.7	29
	Landikotal * ...	000	0	8	14	05	97	02	2	427	76	0	2	1	2	0	//	87	000	0	3	16	02	97	02	2	446	76	8	0	/	2	0	70	7/	—	—	5.3	—	14.9	13
	Parachinar * ...	000	6	7	13	03	97	17	9	437	75	6	9	5	4	0	68	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3		4.8	—	12.4	11
D.I. Khan	Miranshah * ...	000	0	0	05	05	90	00	0	372	98	0	0	9	0	0	75	//	000	0	0	05	05	99	08	0	397	97	0	0	9	0	0	70	74	//	+ 1	0.0	— 2.4	1.9	13
	Wana * ...	000	0	6	13	05	97	03	0	400	82	6	5	8	0	0	81	89	000	0	8	13	02	97	51	0	381	73	8	5	8	0	0	73	73	—	—	0.3	—	1.0	—
Quetta	Fort Sandeman * ...	000	0	0	07	07	96	05	9	395	03	5	4	7	2	1	56	97	000	0	3	00	00	96	05	1	429	78	2	4	7	/	/	70	74	+ 2	+ 1	5.1	+ 2.1	2.9	9
	Hindubagh * ...	000	0	0	27	31	95	05	0	///	98	0	0	9	0	0	66	00	000	0	0	11	02	95	05	0	///	77	0	0	9	0	0	44	66	—	—	0.4	—	2.1	—
	Loralai * ...																																			—	—	—	—	—	14
	Barkhan * ...																																			—	—	—	—	—	9
	Harnai * ...	000	0	0	31	01	96	02	0	386	96	0	0	9	0	0	80	97	000	0	0	13	01	96	03	0	410	82	2	0	7	/	/	73	82	—	—	0.0	— 4.3	0.0	8
	Samungli (Quetta) * ...	000	0	0	31	02	96	06	0	389	95	0	/	9	0	0	65	98	000	0	7	25	10	96	05	2	415	82	7	5	4	3	0	78	50	+ 5	— 12	0.5	— 0.3	3.2	—
	Chaman * ...	000	0	1	27	09	92	05	0	246	01	/	/	9	0	0	55	02	000	0	0	27	03	96	00	0	470	79	0	0	9	0	0	14	79	+ 2	+ 4	0.0	— 0.7	1.3	—
	Nushki * ...	000	0	0	23	03	94	06	0	448	01	0	0	9	0	0	44	03	000	0	0	33	02	94	06	0	477	16	0	0	9	0	0	32	64	—	—	0.0	—	1.1	4
	Dalbandin * ...	000	0	/	23	03	98	50	4	409	03	/	/	/	/	/	30	05	000	0	0	27	03	96	00	0	432	91	0	0	9	0	0	81	87	— 3	— 12	0.0	— 0.2	0.7	7
Kalat	Kalat * ...	000	0	0	36	00	91	00	2	380	88	0	0	9	0	0	59	92	000	0	7	09	00	90	00	2	412	73	/	2	9	0	0	53	73	0	+ 18	0.0	— 0.8	0.4	—
	Khuzdar * ...	000	0	0	27	05	95	05	4	384	91	0	0	9	0	0	52	00	000	0	0	00	00	96	05	4	416	83	0	0	9	0	0	68	76	—	—	0.8	—	1.1	5
	Panjgur * ...	000	0	0	36	07	95	05	0	418	00	0	0	9	0	0	81	01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0		0.0	—	0.1	—

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 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

When ever 999 is given RRR see the summary bove for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 3rd AUGUST, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_w$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA JFVG ...	99 2 08	10 6 32	02 1 24	82 2 21	96 0 22	02 3 27	65 4 71	...	73 8 32	...	0/ / 26	12 6 05	33 3 02	13 6 06
—do— CSBC ...	99 2 38	10 5 83	03 0 04	03 2 05	98 0 20	00 0 29	00 9 00	...	73 7 03	...	05 9 28	13 3 50	...	...
—do— GRLA ...	99 2 25	10 6 23	03 0 63	71 8 17	97 0 5:	02 8 27	63 4 00	...	...	...	0/ / 24	12 5 02	30 4 05	22 6 07

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels												
		Surface PoPoPoToToToDoDo	1000mb	850mb	700mb	500mb	400mb	300mb	200mb	150mb	100mb	70mb	50mb	30mb
			hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	03/ 244 15	058 249 25	470 172 01	010 084 04	582 05/ 56	754 159 61	965 305 //	241 52/ //	422 667 /	...	...	...	...
Dacca ...	00 00	102 260 08	028 244 10	430 176 06	067 114 27	580 /33 56	744 139 //	958 277 //	237 49/ //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...														
Multan ...														
Peshawar ...														
Quetta ...														
Sargodha ...	00 00	980 244 25	016 /// //	MISDA	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
		PPP TTTa DD							PmPmPmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	$P_tP_tP_tT_tT_tT_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	553 333 25	125 559 //	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	508 232 12	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (ddfff) 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 (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	175 03	135 06	130 08	120 06	320 07	350 11	...	345 21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	255 24	2:2 40	225 24	225 23	...	235 25	...	...	...	205 17	210 14	225 14	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cher t ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	175 23	175 21	190 18	225 17	150 16	195 16	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	130 13	130 16	125 18	...	...	...	...	...	...	185 13	200 14	200 21	...	200 15	...	150 14	150 19	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	190 07	155 10	145 15	145 13	153 19	100 10	050 11	040 09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	220 18	225 21	195 13	...	...	...	...	...	...	215 07	235 01	170 05	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	240 01	110 17	110 20	185 04	...	...	...	...	...	110 06	085 04	100 12	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	255 54	195 07	150 07	090 12	095 10	...	...	...	...	200 04	360 06	110 10	080 06	070 08	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	160 09	145 13	...	...	...	...	...	...	...	...	...	...	...	...	...	125 12	115 13	...	...	...	...	...	...	...	...	...
Karachi ...	250 22	250 23	245 24	...	...	...	...	...	...	...	...	...	...	...	...	275 15	280 15	280 15	...	...	...	...	...	...	...	...
Khanpur ...	190 04	175 04	150 05	175 10	145 06	095 05	035 07	...	...	215 12	225 13	2.5 13	220 13	185 14	160 10	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	085 07	09/ 11	090 12	...	...	...	...	...	...	040 05	055 06	070 03	020 05	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	135 09	120 12	101 3/	115 12	125 08	...	...	...	...	210 12	230 13	195 07	030 09	060 04	...	200 02	190 01	190 02	090 04	345 03	010 12	345 16	...	...	...	...
Nawab Shah ...	205 20	210 14	250 08	005 00	025 10	331 03	...	...	...	...	...	...	...	...	...	035 03	030 06	050 11	040 15	055 12	075 21	...	...	...	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	060 04	150 05	190 09	...	...	...	...	...	...	...	...	...	...	...	...	025 02	180 02	120 02	170 01	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	325 01	310 0/	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	/// //	270 06	160 01	...	...	...	...	...	...	/// //	265 05	285 02	No	Ascent	...	...	...	...	...	...	...	...	...
Sargodha ...	050 15	090 04	090 13	260 04	225 02	340 12	301 8/	320 28	...	...	...	...	...	...	...	050 04	080 06	080 09	075 01	015 06	070 13	345 23	325 27	320 27	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	225 01	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V, V, etc.)

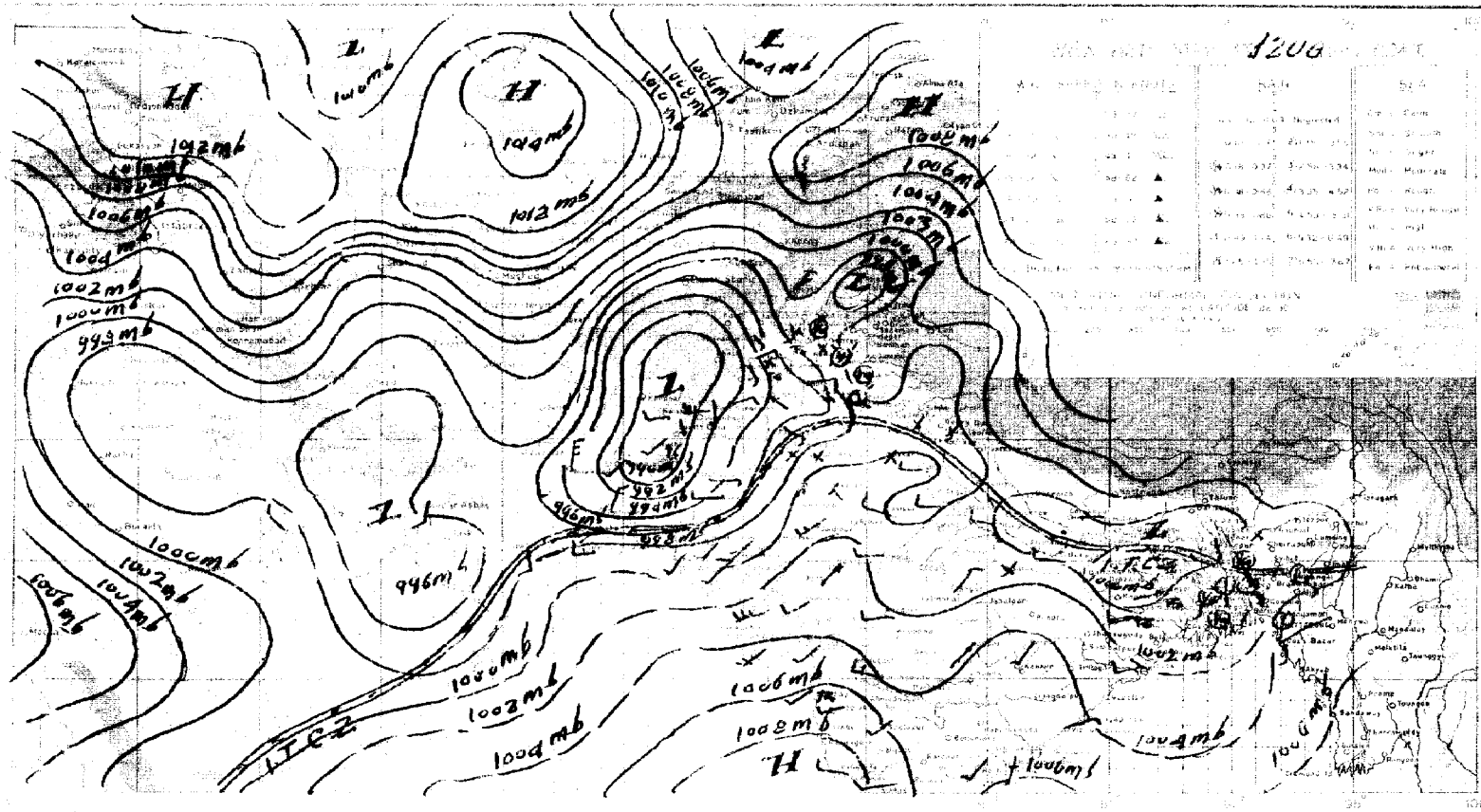
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

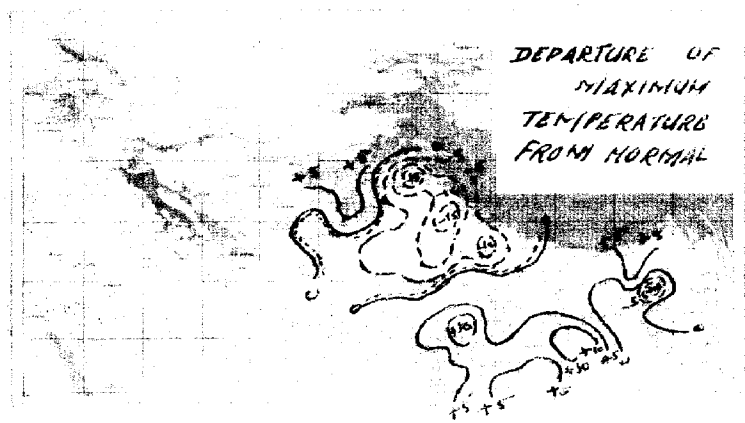
The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

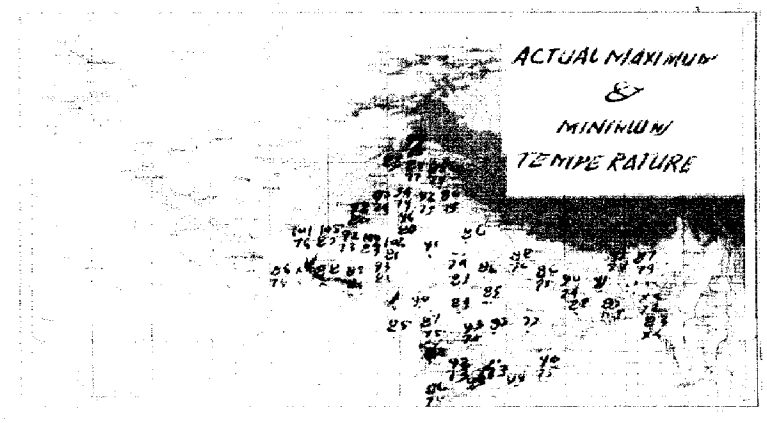
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

PAKISTAN DAILY WEATHER MAP

MONDAY 2nd AUGUST, 1971

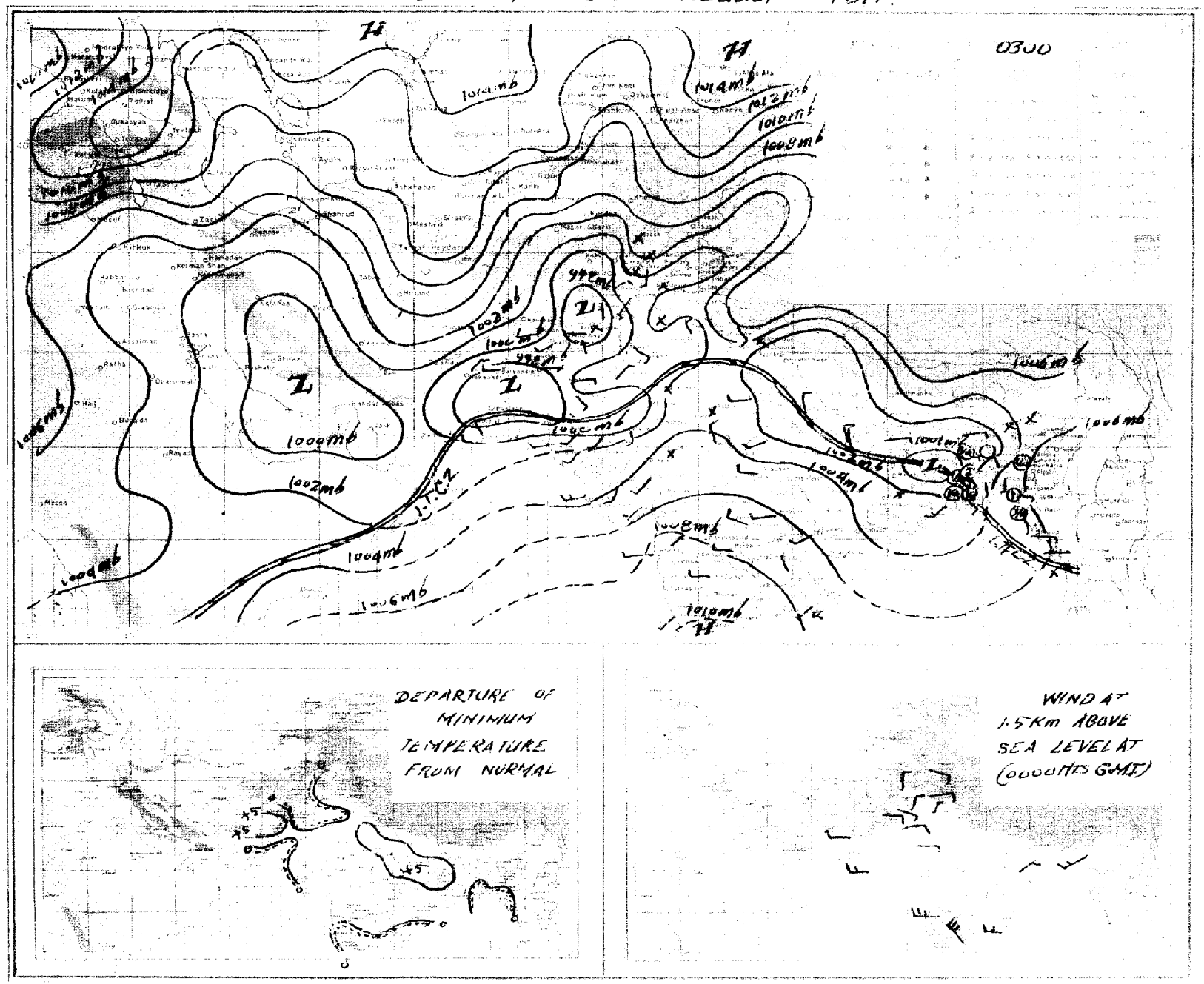






PAKISTAN DAILY WEATHER MAP

TUESDAY 3rd AUGUST 1971.



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

WEDNESDAY THE 4th AUGUST, 1971.

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

2 - FEB 1972
Copy 1972

Observations lacking but believe yesterday's low pressure area over northern areas of East Pakistan has moved to north Assam. Another low pressure area now lies over West Bengal and Bihar.

Scattered rain has fallen in East Pakistan.

A feeble westerly low pressure wave is moving across Kashmir and adjoining Rawalpindi division.

Seasonal low continues to remain well marked over Quetta and Kalat divisions.

Scattered thunderstorms have been reported from Peshawar, D.I. Khan and Kalat divisions and light rain from Lahore division. Isolated showers have also been reported from Khairpur division.

Chief amounts of rainfall are Maijdee Court ½" and Jessore ¼".

Day temperatures were 7—11 °F (4—6 °C) below normal in Lahore division and 3—6 °F (2—3 °C) so in Rawalpindi, Sargodha, Multan, Peshawar and D. I. Khan divisions.

Forecast valid until the evening of the 5th August, 1971 :—Rain/thundershowers will be fairly widespread in East Pakistan with a few moderate to heavy falls. A few thunderstorms/showers may occur in Kashmir and in Rawalpindi, Peshawar and Malakand divisions and drizzle in coastal Kalat and Karachi divisions.

Earth Quake Report The seismographs of geophysical centre, Quetta have recorded an earth quake of severe intensity on 4th August 1971 at 05 hrs. 26 mts. W.P.S.T. with its epicentre about 460 miles northeast of Quetta in Hindukush Mountain. Its aftershock of moderate intensity was recorded on 4th August 1971 at 07 hrs. 01 mts. W.P.S.T.

Karachi-32
The 4th August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (TT)	Dew Point temperature (Nh)	Amount of Lowest Cloud † (CL)	Low Cloud form † (h)	Height of Lowest Cloud † (CM)	Medium Cloud form † (CH)	High Cloud form † (TdTd)	Dewpoint temperature °F	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total Cloud amount (N)	Wind direction in tens of degree (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 (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum temperature (TnTn)	Rainfall: Since 1st June, 1971 to-date	Departure from normal	Since 1st January, 1971 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	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	00	5	13	09	93	11	6	062	81	2	4	6	6	2	75	77	—	—	—	—	—	—
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	008	0 7	18	10	97	02	2	058	84	5	5	4	4	0	77	77	—	+ 1	—	—	—	140
	Chittagong	...	062	7	13	12	96	2	/	035	81	2	5	5	2	0	59	86	...	005	6 7	13	07	91	02	6	052	81	4	4	4	4	0	77	//	0	//	67.3	—	—	108
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	040	2 8	18	05	96	03	6	016	81	8	4	5	5	/	79	77	—	0	—	—	—	115
	Comilla	...	000	0	/	13	09	96	02	2	022	81	7	4	0	0	/	76	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	3	—	—	—	94
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	78
	Sylhet	...	399	1	7	36	05	96	02	6	017	79	4	5	5	2	/	70	84	036	9 8	13	2	96	02	6	047	81	4	5	5	5	/	76	//	—	—	—	—	—	—
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	001	1 /	//	/	96	03	6	047	84	0	0	5	5	1	//	76	—	0	—	—	—	98
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	024	0 5	13	02	97	2	0	043	83	4	/	4	4	0	79	79	—	+ 1	—	—	—	91
	Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	030	5	23	5	97	03	5	030	81	8	7	3	3	/	76	77	—	+ 2	—	—	—	74
	Dacca (Tejgaon)	...	018	2	7	13	05	97	03	6	002	81	6	8	7	0	/	77	//	070	2 8	18	05	96	61	6	036	77	6	7	3	3	/	76	77	—	—	26.8	—	—	—
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	71
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	006	0 5	18	09	97	02	2	034	83	5	6	4	4	3	77	79	—	— 1	—	—	—	81
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0 5	13	05	97	02	0	029	79	0	5	4	4	0	79	77	—	—	—	—	—	68
	Satkhira	...	000	0	4	15	01	97	03	1	087	//	/	/	/	/	/	//	//	005	0 6	18	04	97	02	2	072	84	4	2	9	2	2	79	79	—	—	—	—	—	65
	Jessore	...	012	7	5	16	12	/	//	/	019	79	4	6	4	4	/	77	90	035	9 6	13	09	96	02	6	024	81	6	6	5	5	0	77	77	+ 1	— 2	—	—	—	65
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	59
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	64
	Rajshahi	...	000	0	8	13	02	96	06	6	989	81	4	4	3	3	0	//	92	015	7 6	13	02	96	02	0	013	81	3	2	3	3	0	77	81	—	—	—	—	—	—
	Bogra	...	003	0	1	30	7	96	02	/	977	83	4	4	4	0	/	77	//	055	2 6	13	02	96	21	6	024	81	/	3	4	7	/	79	//	//	//	—	—	—	69
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	72
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	5 6	07	02	96	/1	6	044	83	6	0	9	0	2	81	79	—	0	—	—	—	84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Jail Rd.)	...	003	3	5	00	00	97	01	6	981	85	3	4	7	7	0	75	87	000	0 2	00	00	97	01	1	997	88	/	1	7	3	0	79	78	— 12	— 2	8.4	+ 0.7	11.5	19
	Sialkot	...	000	0	7	00	00	98	02	2	980	87	7	0	9	2	0	78	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 7	—	17.1	+ 5.2	23.1	32
Rawalpindi	Jhelum	...	000	0	4	13	02	98	02	2	974	91	1	1	7	3	1	75	92	000	0 1	00	00	96	02	0	994	84	0	0	9	0	1	77	76	—	—	7.5	—	12.2	—
	Islamabad	...																																		—	—	—	—	—	—
	Rawalpindi	...	000	0	2	00	00	97	01	1	972	89	2	1	6	0	0	74	91	000	0 1	00	00	/	02	0	996	83	1	5	6	0	0	77	78	— 4	+ 2	24.2	+12.5	24.6	36
	Campbellpur	...																																							—
Sargodha	Khushab	...	000	0	0	00	00	97	06	0	959	96	0	0	9	0	0	76	95	000	0 4	05	03	97	05	2	995	84	4	0	9	4	0	77	//	— 5	//	5.2	— 0.6	7.2	15
	Sargodha	...	000	0	3	05	05	99	03	1	970	84	1	1	6	3	0	75	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	3.2	—	7.2	—
	Lyallpur	...	000	0	6	30	02	97	02	1	933	92	6	0	9	4	0	62	95	000	0 0	00	00	96	01	0	991	86	0	0	9	0	0	77	//	— 4	//	6.3	+ 1.9	9.6	12
Multan	Sahiwal	...																																		—	—	—	—	—	10
	Multan	...	000	0	7	13	02	96	02	2	965	98	4	5	6	7	0	78	96	000	0 2	00	00	96	01	0	986	90	0	0	9	3	2	77	86	— 3	+ 2	1.8	— 1.0	2.4	7
	Leiah	...																																		—	—	—	—	—	8
Bahawalpur	Khanpur	...	000	0	/	23	05	97	00	0	964	9.	2	0	9	3	0	70	00	000	0 1	30	03	96	01	0	996	86	1	5	9	3	0	77	83	—	—	1.1	— 2.0	1.5	6
	Bahawalpur	...	000	0	0	00	00	96	00	0	970	00	0	0	9	0	0	//	01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	— 3.0	0.3	6
	Fort Abbas	...	//	/	/	23	04	98	0	0	941	//	0	0	9	0	0	//	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	8
Malakand	Chakdara	...	000	0	5	27	05	97	03	2	995	89	5	1	7	/	/	77	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	4.8	—	7.6	—
Peshawar	Peshawar	...	000	0	3	36	02	97	01	1	952	73	1	1	6	3	0	75	94	000	0 1	36	02	97	01	0	988	83	1	1	6	3	0	76	80	— 6	— 1	3.9	+ 2.0	12.4	11
	Hoti pur	...																																		—	—	—	—	—	—
D.I. Khan	Bannu	...	000	0	5	03	00	98	03	5	001	89	3	2	7	7	0	77	89	000	0 6	00	00	98	03	1	009	83	6	5	9	0	0	79	80	—	—	0.7	—	3.0	11
	D. I. Khan	...	000	0	6	30	00	97	02	2	974	94	3	1	6	3	0	79	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 6	—	0.5	— 2.7	3.3	9
Quetta	Sibi	...																																		—	—	—	—	—	5
	Nokkundi	...	000	0	0	31	09	95	05	4	914	07	0	0	9	0	0	52	09	000	0 0	00	00	95	05	4	937	89	0	0	9	0	0	53	79	—	—	0.0	—	0.0	2
Kalat	Turbat	...																																		—	—	—	—	—	—
	Jiwani	...	000	0	3	18	14	96	01	1	993	84	3	6	5	0	0	74	87	000	0 7	00	00	96	02	0	013	81	0	7	6	0	0	77	79	—	—	0.0	—	1.5	5
	Pasni	...	000	0	0	27	02	97	00	0	//	76	0	0	9	0	0	//	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	//	//	0.0	— 0.8	0.0	6
	Ormara	...	000	0	6	27	12	96	06	6	989	87	1	6	6	3	0	75	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.8	+ 0.1	0.8	6
	Lasbela	...																																		—	—	—	—	—	8
Karachi division	Karachi (Manora)	...																																		—	—	—	—	—	8
	Karachi (Airport)	...	000	0	2	23	17	96	02	2	995	85	5	6	4	3	0	79	89	000	8 5	27	10	96	03	2	009	83	2	5	5	3	0	77	81	—	—	1.4	—	1.5	—
Hyderabad	Nagarparker	...																																		—	—	—	—	—	—
	Chhor	...	000	0	7	23	02	96	01	2	982	89	6	6	6	2	0	76	90	000	0 5	23	09	96	03	1 *	007	83	1	5	6	4	0	76	79	—	—	2.9	—	3.7	7
	Hyderabad	...	000	0	7	23	05	97	02	2	970	95	4	0	9	3	1	75	99	000	0 5	00	00	96	02	0	999	84	0	0	9	0	2	72	82	+ 2	+ 2	0.9	— 2.8	0.9	9
	Badin	...	000	0	7	23	10	97	02	2	995	86	3	7	5	7	0	74	90	000	0 1	23	09	96	03	0	016	83	1	6	7	0	0	72	80	—	—	0.4	— 3.6	0.4	
Khairpur	Padidan	...	000	0	0	31	02	96	02	0	959	00	0	0	9	0	0	72	/2	000	0 6	23	05	96	03	0	988	//	7	0	9	7	0	75	84	—	—	0.2	—	0.2	—
	Nawabshah	...	000	0	0	00	00	96	05	0	971	01	0	0	9	0	0	77	01	000	0 6	00	00	96	02	0	992	//	6	0	9	6	0	75	82	—	—	0.6	—	0.6	4
	Sukkur	...	000	0	6	05	10	96	03	0	959	99	6	0	9	6	0	77	00	000	0 6	23	05	96	03	0	988	65	6	0	9	6	0	76	83	—	—	2.2	—	2.2	—
	Kashmore	...	000	0	0	23	03	96	03	0	956	97	0	0	9	0	0	77	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	—	0.0	4
	Jacobabad	...	000	0	2	13	05	95	05	/	971	99	0	0	9	0	0	79	99	000	0 3	13	05	96	05	0	990	87	0	0	9	0	1	79	84	— 7	+ 1	2.5	+ 1.1	2.6	20
Junagadh	Veraval	...																																							26
	HILL STATIONS																																								—
Kashmir	Srinagar	* ...																																							71
	Gulmarg	* ...																																							26
	Sonamarg	* ...																																							3
	Dras	* ...																																							6
	Leh	* ...																																							—
	Skardu	* ...																																							—
	Misgar	* ...																																							5
	Astabad	* ...																																							59
	Gilgit	* ...																																							18
Rawalpindi	Murree	* ...	000	0	9	20	20	90	49	1	425	69	9	/	9	/	/	65	76	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1	—	26.2	+ 8.2	35.6	29
Malakand	Drosh	* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0 2	00	00	97	06	0	425	84	2	1	7	0	0	69	77	—	+ 4	1.3	—	9.9	—
Peshawar	Cherat	* ...	005	6	2	18	05	98	01	6	443	81	2	1	8	0	0	73	81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 6	—	4.4	— 1.0	4.1	—
	Kakul	* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0 3	31	02	97	03	0	478	75	2	2	/	3	0	72	63	—	—	17.7	—	32.7	29
	Landikotal	* ...	000	0	0	18	05	97	02	2	416	87	0	0	9	0	0	77	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	5.3	—	14.9	13
	Parachinar	* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0 6	13	02	97	02	2	441	72	5	7	5	3	0	67	69	—	+ 2	4.8	—	12.4	11
D.I. Khan	Miranshah	* ...	000	0	0	05	05	99	00	0	367	99	0	0	9	0	0	71	01	000	0 6	05	05	97	00	2	429	79	6	0	9	0	2	72	71	—	—	0.0	— 2.8	1.9	13
	Wana	* ...	000	0	0	13	04	98	00	0	438	86	0	0	9	0	0	83	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.3	—	1.0	—
Quetta	Fort Sandeman	* ...	000	0	1	05	02	95	05	4	366	95	1	5	7	0	0	51	95	000	0 1	35	02	95	05	4	423	78	1	1	7	0	0	69	74	—	— 4	5.1	+ 2.1	2.9	9
	Hindubagh	* ...	000	0	0	25	31	94	05	0	///	94	0	0	9	0	0	52	97	000	0 0	27	02	95	05	0	///	80	0	0	9	0	0	//	//	—	—	0.4	— 4.0	2.1	—
	Loralai	* ...																																		—	—	—	—	—	14
	Barkhan	* ...																																		—	—	—	—	—	9
	Harnai	* ...	000	0	0	13	07	96	30	0	403	94	0	0	9	0	0	76	95	000	0 0	31	10	96	02	0	405	84	0	0	9	0	0	73	60	—	—	0.0	—	0.0	8
	Samungli (Quetta)	* ...	000	0	0	27	10	92	06	0	393	92	0	0	9	0	0	56	96	000	0 0	13	05	/	//	/	426	77	0	0	9	0	0	68	//	+ 3	//	0.5	— 0.4	3.2	—
	Chaman	* ...	000	0	0	18	05	92	05	0	455	96	0	0	9	0	0	53	97	000	0 0	00	00	95	05	0	459	81	0	0	9	0	0	48	78	— 3	+ 3	0.0	— 0.2	1.3	—
	Nushki	* ...	000	0	0	31	03	94	06	0	443	01	0	0	9	0	0	44	02	000	0 0	00	00	97	00	0	459	88	0	0	9	0	0	44	//	—	—	0.0	—	1.1	4
	Dalbandin	* ...	000	0	0	23	07	92	05	4	420	04	0	0	9	0	0	83	06	000	0 0	31	02	93	05	4	418	84	0	0	9	/	/	77	79	— 2	+ 4	0.0	— 0.8	0.7	7
Kalat	Kalat	* ...	000	0	0	36	00	99	00	2	380	94	0	6	9	0	0	71	89	000	0 0	18	00	91	00	2	410	73	0	0	9	0	0	57	73	— 3	+ 17	0.0	— 0.8	1.1	—
	Khuzdar	* ...	000	0	7	13	09	95	17	9	396	82	6	9	6	2	0	67	93	000	0 0	18	02	96	03	0	409	79	0	0	9	0	0	7.	74	—	—	0.8	—	1.1	5
	Panjgur	* ...	000	0	3	31	03	95	05	0	416	02	0	0	9	0	/	72	03	000	0 0	00	00	//	05	0	425	81	0	0	9	0	0	76	//	+ 2	//	0.0	—	0.0	—

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 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

When ever 999 is given RRR see the summary boxes for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 4th AUGUST, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99LaLaLa	QcLoLoLoLo	YYGGiwN	ddFF	VVwwW	PPP TT	NhCLhCMCH	DsVsa PP	7RR tRtR	8NsChshs	OTsTsTdTd	1TwTwTwtT	3PwPwHwHw	dwdwPwHwHw
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels												
		Surface	1000mb	850mb	700mb	500mb	400mb	300mb	200mb	150mb	100mb	70mb	50mb	30mb
		PoPoPoToToToDoDo	bhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	002 256 16	048 254 28	450 174 14	096 096 12	583 069 42	756 145 56	969 263 58	249 491 //	432 635 //	678 765 //	...	...	...
Dacca ...	00 00	001 256 08	015 256 05	430 176 00	074 198 22	581 027 57	755 139 62	968 275 //	247 479 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...														
Multan ...														
Peshawar ...														
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels.							Max. Wind Speed	TROPOPAUSE			
		PPP TTTa DD							PmPmPmdmdmfmfmfm	First FtPtPtTtTtTat	Transition dtdtftftft	Second PtPtPtTtTtTt	Transition dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	540 000 47	212 000 02	...	...	...	...	...	...	...	...	...	...
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms a.s.l.-->	At 1200 hrs. G.M.T. † of Previous day (ddfff) 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 (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	220 21	249 24	243 25	185 09	195 07	...
Chittagong ...	100 27	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	130 21	152 0/	1?2 1-	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	130 1/	130 16	13? 22	210 ?9	205 25	1?2 ?	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	12? 88	...	...	...	...	...	...	...	055 09	145 15	165 06	155 07
D. I. Khan ...	...	...	...	...	...	...	...	...	...	095 07	125 11	130 10	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	040 07	030 02	300 15
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	130 03	110 11	110 03
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	120 04	115 07	110 05	060 50	075 06	03? 09	010 22	355 19	020 9/	070 02	130 03	015 03	035 06	050 09	325 12
Jiwani ...	145 12	150 07	145 04	150 04	325 10	...	...	...	...	175 11	160 06	120 07	...	...	...
Karachi ...	...	...	...	...	...	...	...	...	...	270 12	210 19	2?0 1?	285 14	030 08	030 15
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	...	...	...	...	...	...	...	...	...	145 04	150 06	100 06	110 08	150 08	130 06
Multan ...	115 07	165 06	175 03	175 03	025 04	...	...	...	...	245 07	245 12	245 05	2?0 03	360 09	245 12
Nawab Shah ...	...	...	...	...	...	...	...	...	...	240 08	205 06	340 05	015 07	035 12	010 13
Nokkundi ...	...	...	300 9/	340 08	345 07	...	...	...	...	...	...	350 13	075 04	035 16	355 19
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	170 09	...	?85 06	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...	...	/// //	275 10	265 08
Sargodha ...	080 07	070 11	060 16	040 07	025 09	340 08	01? 09	350 26	335 20	100 05	070 09	035 0/	010 09	340 08	025 09
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in kms a.s.l.-->	At 0600 hrs. G.M.T. † of date (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	185 05	210 05	280 04	265 03	290 03	360 03	045 08	335 09	275 15	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	150 13	180 17	190 25	190 27	190 2?	225 19	215 22	20? 17	210 13	210 12	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	165 07	125 10	075 05	...	...	...	...	...	...	...	...
Karachi ...	270 08	270 12	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	...	...	...	...	...	...	...	...	...	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	035 04	030 01	020 83	245 02	290 57	320 18	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	135 04	085 04	070 05	030 07	005 07	340 14	010 16	075 03	205 05	265 07	225 16
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V, V, etc.)

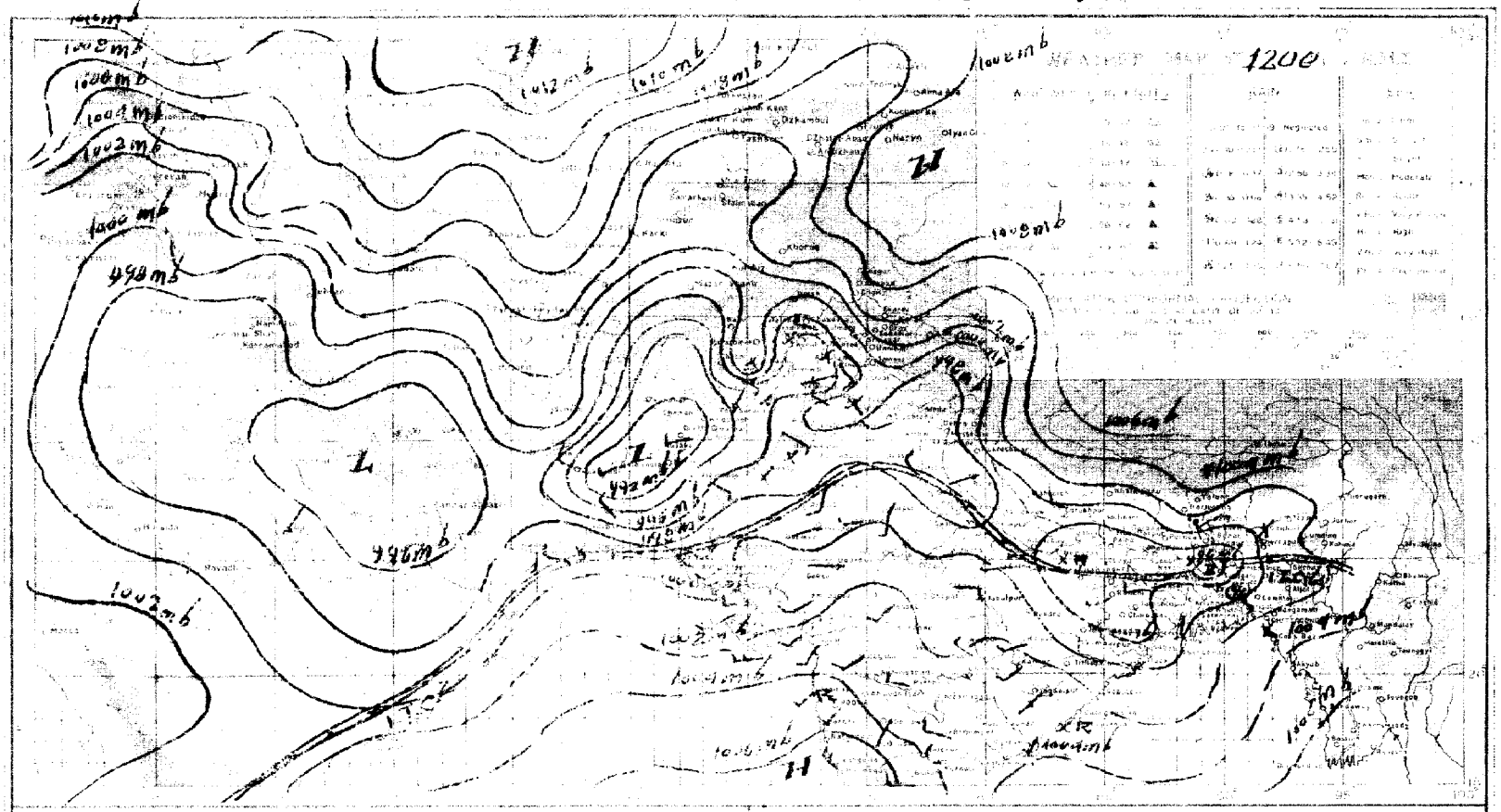
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

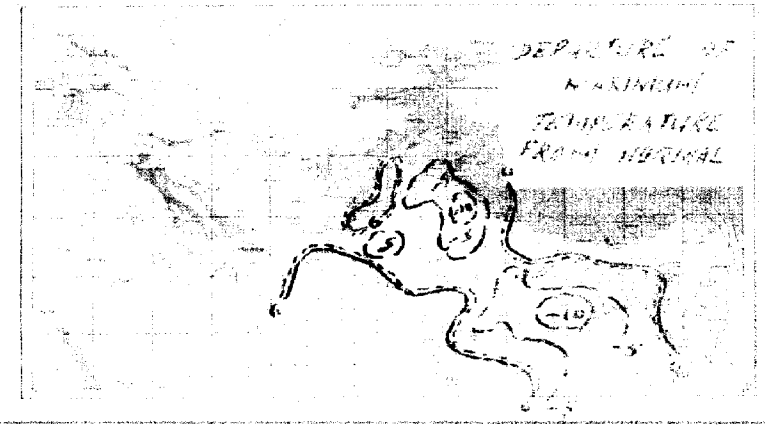
The actual time of observations may vary within half an hour of the specified time
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East
The next three figures give the wind speed "fff" in knots or in knots increased by 500.

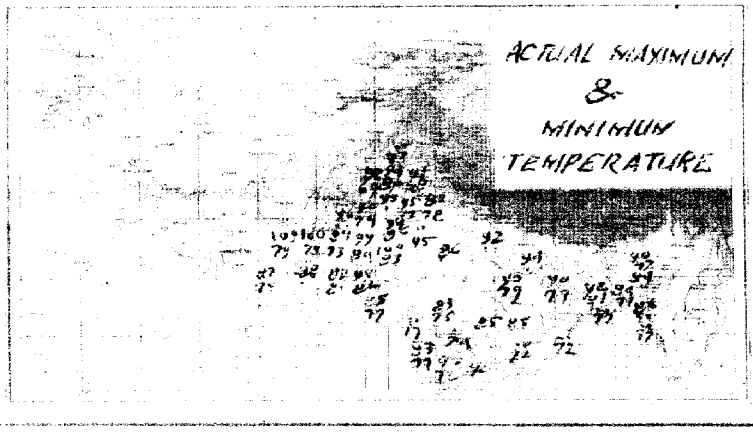
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

PAKISTAN DAILY WEATHER MAP

TUESDAY 3rd AUGUST 1971

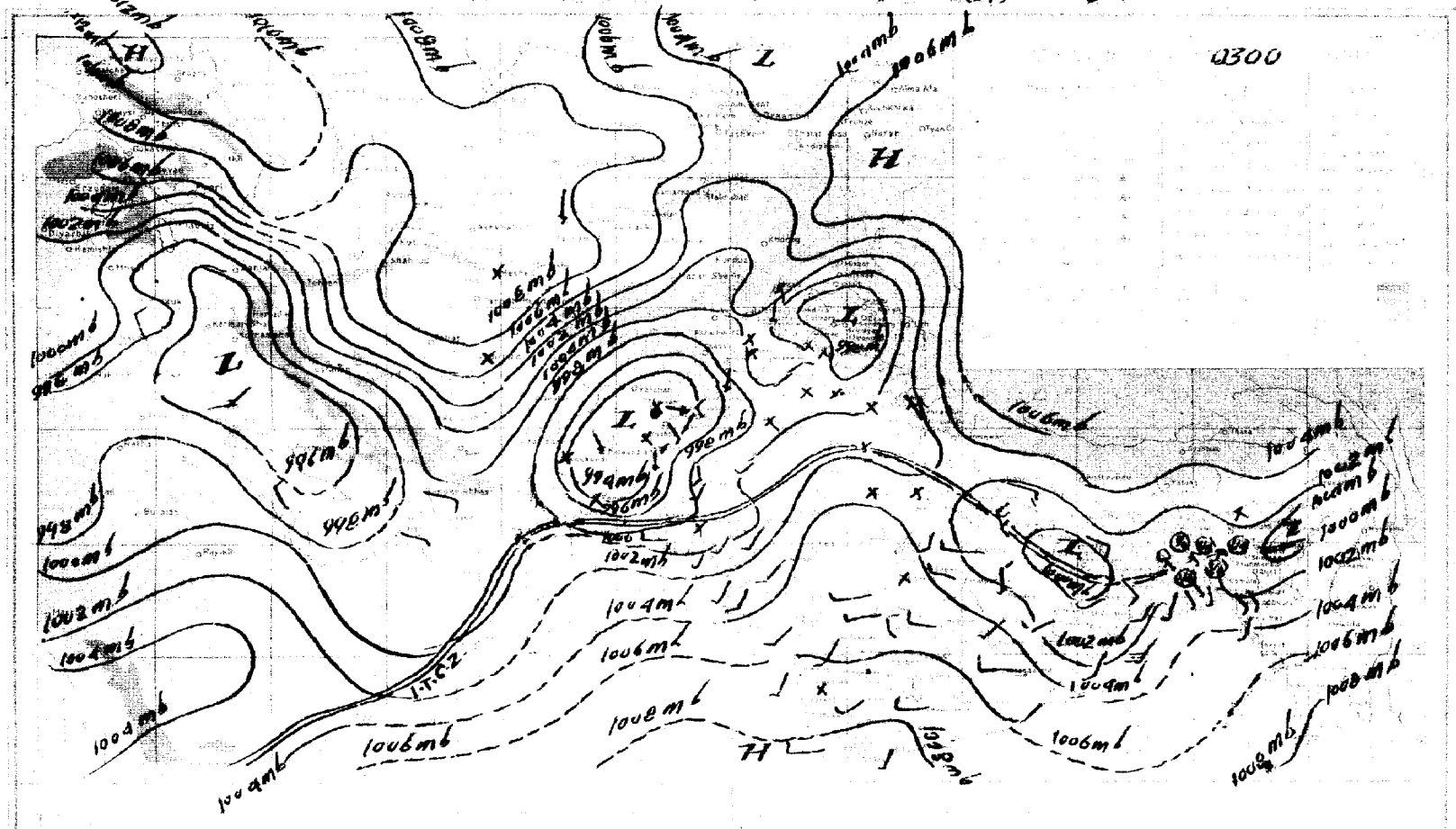


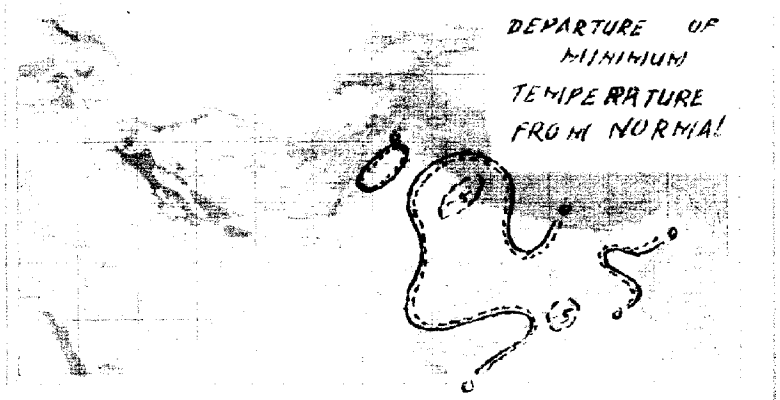


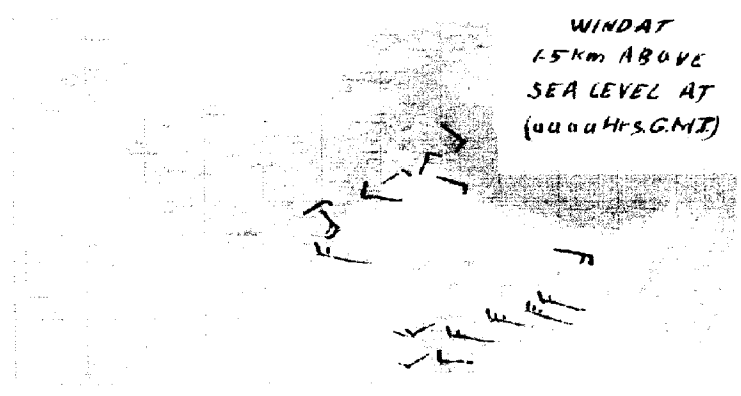


PAKISTAN DAILY WEATHER MAP

WEDNESDAY 4th AUGUST, 1971.







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

WEDNESDAY THE 4th AUGUST, 1971.

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

Observations lacking but believe yesterday's low pressure area over northern areas of East Pakistan has moved to north Assam. Another low pressure area now lies over West Bengal and Bihar.

Scattered rain has fallen in East Pakistan.

A feeble westerly low pressure wave is moving across Kashmir and adjoining Rawalpindi division.

Seasonal low continues to remain well marked over Quetta and Kalat divisions.

Scattered thunderstorms have been reported from Peshawar, D.I. Khan and Kalat divisions and light rain from Lahore division. Isolated showers have also been reported from Khairpur division.

Chief amounts of rainfall are Maijdee Court ½" and Jessore ¼".

Day temperatures were 7—11 °F (4—6 °C) below normal in Lahore division and 3—6 °F (2—3 °C) so in Rawalpindi, Sargodha, Multan, Peshawar and D. I. Khan divisions.

Forecast valid until the evening of the 5th August, 1971 :—Rain/thundershowers will be fairly widespread in East Pakistan with a few moderate to heavy falls. A few thunderstorms/showers may occur in Kashmir and in Rawalpindi, Peshawar and Malakand divisions and drizzle in coastal Kalat and Karachi divisions.

Earth Quake Report The seismographs of geophysical centre, Quetta have recorded an earth quake of severe intensity on 4th August 1971 at 05 hrs. 26 mts. W.P.S.T. with its epicentre about 460 miles northeast of Quetta in Hindukush Mountain. Its aftershock of moderate intensity was recorded on 4th August 1971 at 07 hrs. 01 mts. W.P.S.T.

Karachi-32
The 4th August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

At 12 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)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)° PPP (11)	Dry Bulb temperature° TT (12)	Amount of Lowest Clud † Nh (13)	Low Cloud from † 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 ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chittagong ...	062	/	7	13	12	96	2/	/	035	81	2	5	5	2	0	59	86
	Maijdee Court ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Comilla ...	000	0	/	13	09	96	02	2	022	81	7	4	0	0	/	76	84
	Brahmanbaria ...																	
	Sylhet ...	399	1	7	36	05	96	02	6	017	79	4	5	5	2	/	70	84
	Srimangal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narayanganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dacca (Tejgaon) ...	018	2	7	13	05	97	03	6	002	81	6	8	7	0	/	77	//
	Faridpur ...																	
Khulna	Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira ...	000	0	4	15	01	97	02	1	087	//	/	/	/		/	//	//
	Jessore ...	012	7	5	16	12	//	//	/	019	79	4	6	4	4	/	77	90
Rajshahi	Pabna ...																	
	Sirajganj ...																	
	Rajshahi ...	000	0	8	13	02	96	06	6	989	81	4	4	3	3	0	//	92
	Bogra ...	003	0	1	30	/7	96	02	/	977	83	4	4	4	0	/	77	//
	Dinajpur ...																	
	Rangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	003	3	5	00	00	97	01	6	981	85	3	4	7	7	0	75	87
	Sialkot ...	000	0	7	00	00	98	02	2	980	87	7	0	9	2	0	78	89
Rawalpindi	Jhelum ...	000	0	4	13	02	98	02	2	974	91	1	1	7	3	1	75	92
	Islamabad ...																	
	Rawalpindi ...	000	0	2	00	00	97	01	1	972	89	2	1	6	0	0	74	91
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	0	00	00	97	06	0	959	96	0	0	9	0	0	76	95
	Sargodha ...	000	0	3	05	05	99	03	1	970	84	/	1	6	3	0	75	97
	Lyallpur ...	000	0	6	30	02	97	02	1	963	92	6	0	9	4	0	62	95
Multan	Sahiwal ...																	
	Multan ...	000	0	7	13	02	96	02	2	965	98	4	5	6	7	0	78	96
	Leiah ...																	
Bahawalpur	Khanpur ...	000	0	/	23	05	97	00	0	964	9/	2	0	9	3	0	70	00
	Bahawalpur ...	000	0	0	00	00	96	03	0	970	00	0	0	9	0	0	//	01
	Fort Abbas ...	///	/	/	23	04	98	0/	0	941	/	0	0	9	0	0	/	//
Malakand	Chakdara ...	000	0	5	27	05	97	03	2	995	89	5	1	7	/	/	77	90
Peshawar	Peshawar ...	000	0	3	36	02	97	01	1	952	73	1	1	6	3	0	75	94
	Haripur ...																	
D.I. Khan	Bannu ...	000	0	5	03	00	98	03	5	001	89	3	2	7	7	0	79	87
	D.I. Khan ...	000	0	6	00	00	97	02	2	974	94	3	5	6	3	0	79	95
Quetta	Sibi ...																	
	Nokkundi ...	000	0	0	31	09	95	05	4	914	07	0	0	9	0	0	52	09
Kalat	Turbat ...																	
	Jiwani ...	000	0	3	18	14	96	01	1	993	84	3	6	5	0	0	74	87
	Pasni ...	000	0	0	27	02	97	00	0	///	76	0	0	9	0	0	67	//
	Ormara ...	000	0	6	27	12	96	06	6	989	87	1	6	6	3	0	75	88
	Lasbela ...																	
Karachi division	Karachi (Manora) ...																	
	Karachi (Airport) ...	000	0	7	23	17	96	02	2	995	85	5	6	4	3	0	79	89
Hyderabad	Nagarparkar ...																	
	Chhor ...	000	0	7	23	02	96	01	2	982	89	6	6	6	2	0	76	90
	Hyderabad ...	000	0	7	23	05	97	02	2	970	95	4	0	9	3	1	75	99
	Badin ...	000	0	7	23	10	97	02	2	995	86	3	7	5	7	0	74	90
Khairpur	Padidan ...	000	0	0	31	02	96	02	0	959	00	0	0	9	0	0	72	/2
	Nawabshah ...	000	0	0	00	00	96	05	0	971	01	0	0	9	0	0	77	0/
	Sukkur ...	000	0	6	05	10	96	03	0	959	99	6	0	9	6	0	77	00
	Kashmore ...	000	0	0	23	03	98	03	0	936	97	0	0	9	0	0	77	99
	Jacobabad ...	000	0	2	13	05	95	05	/	971	99	0	0	9	0	0	79	99
Junagadh	Verayal ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	9	20	20	90	49	1	425	69	9	/	9	/	/	65	76
Malakand	Drosh * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
Peshawar	Cherat * ...	005	6	2	18	05	98	01	6	443	81	2	1	8	0	0	73	81
	Kakul * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Landikotal * ...	000	0	0	18	05	97	02	2	416	87	0	0	9	0	0	71	89
	Parachinar * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	367	99	0	0	9	0	0	71	01
	Wana * ...	000	0	0	13	04	98	00	0	408	86	0	0	9	0	0	83	89
Quetta	Fort Sandeman * ...	000	0	1	05	02	95	05	4	366	95	1	5	7	0	0	51	95
	Hindubagh * ...	000	0	0	25	31	94	05	0	///	94	0	0	9	0	0	52	97
	Loralai * ...																	
	Barkhan * ...																	
	Harnai * ...	000	0	0	13	07	96	30	0	403	94	0	0	9	0	0	76	95
	Samungli (Quetta) * ...	000	0	0	27	10	92	06	0	393	92	0	0	9	0	0	56	96
	Chaman * ...	000	0	0	18	05	92	05	0	455	96	0	0	9	0	0	53	97
	Nushki * ...	000	0	0	31	03	94	06	0	443	01	0	0	9	0	0	44	02
	Dalbandin * ...	000	0	0	23	07	92	05	4	420	04	0	0	9	0	0	83	06
Kalat	Kalat * ...	000	0	0	36	00	99	00	2	380	96	0	6	9	0	0	71	89
	Khuzdar * ...	003	0	7	13	09	95	17	9	396	82	6	9	6	2	0	67	93
	Panjgur * ...	000	0	3	31	03	95	05	0	416	02	0	0	9	0	/	/2	03

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commanced at † Wt (21)	Total Cloud amount N (22)	Wind direction in tens of degree 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 TnTn (36)
Chittagong	Rangamati ...	///	/	5	13	09	93	/1	6	062	81	2	4	6	6	2	75	77
	Cox's Bazar ...	008	0	7	18	10	97	02	2	058	84	5	5	4	4	0	77	77
	Chittagong ...	005	6	7	13	07	91	02	6	052	81	4	4	4	4	0	76	//
	Maijdee Court ...	040	2	8	18	05	96	03	6	016	81	8	4	5	5	/	79	77
	Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria ...																	
	Sylhet ...	036	9	8	13	/2	96	02	6	047	81	4	5	5	5	/	76	//
	Srimangal ...	001	1	/	//	//	96	03	6	047	84	0	0	5	5	1	//	76
Dacca	Mymensingh ...	024	0	5	13	02	97	/2	0	043	83	4	/	4	4	0	79	79
	Narayanganj ...	030	5	/	23	/5	97	03	5	039	81	8	7	3	3	/	76	77
	Dacca (Tejgaon) ...	070	2	8	18	05	96	61	6	036	77	6	7	3	3	/	76	77
	Faridpur ...																	
Khulna	Barisal ...	006	0	5	18	09	97	02	2	034	83	5	6	4	4	3	77	79
	Khulna ...	000	0	5	13	05	97	02	0	029	79	0	5	4	4	0	79	77
	Satkhira ...	005	0	6	18	04	97	02	2	072	84	4	2	9	2	2	79	79
	Jessore ...	035	9	6	13	09	96	02	6	024	81	6	6	5	5	0	77	77
Rajshahi	Pabna ...																	
	Sirajganj ...																	
	Rajshahi ...	015	7	6	13	02	96	02	0	013	81	3	2	3	3	0	77	81
	Bogra ...	055	2	6	13	02	96	21	6	/24	81	/	3	4	7	/	79	//
	Dinajpur ...																	
	Rangpur ...	000	5	6	07	02	96	/1	6	/44	83	6	0	9	0	2	81	79
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	2	00	00	97	01	1	997	88	1	1	7	3	0	79	78
	Sialkot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum ...	000	0	1	00	00	96	02	0	994	84	0	0	9	0	1	77	76
	Islamabad ...																	
	Rawalpindi ...	000	0	1	00	00	//	02	0	996	83	1	5	6	0	0	77	78
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	4	05	03	97	01	2	995	84	4	0	9	4	0	77	//
	Sargodha ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lyallpur ...	000	0	0	00	00	96	01	0	991	88	0	0	9	0	0	77	//
Multan	Sahiwal ...																	
	Multan ...	000	0	2	00	00	96	01	0	986	90	0	0	9	3	2	77	86
	Leiah ...																	
Bahawalpur	Khanpur ...	000	0	1	30	03	96	01	0	996	86	1	5	9	3	0	77	83
	Bahawalpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Abbas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malakand	Chakdara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Peshawar ...	000	0	1	36	02	97	01	0	988	83	1	1	6	3	0	78	80
	Haripur ...																	
D.I. Khan	Bannu ...	000	0	6	00	00	98	03	1	009	83	6	5	9	0	0	79	80
	D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Sibi ...																	
	Nokkundi ...	000	0	0	00	00	95	05	4	937	89	0	0	9	0	0	53	79
Kalat	Turbat ...																	
	Jiwani ...	000	0	7	00	00	96	02	0	013	81	0	7	6	0	0	77	79
	Pasni ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ormara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lasbela ...																	
Karachi division	Karachi (Manora) ...																	
	Karachi (Airport) ...	000	8	5	27	10	96	03	2	009	83	2	5	5	3	0	77	81
Hyderabad	Nagarparkar ...																	
	Chhor ...	000	0	5	23	09	96	03	1	007	83	1	5	6	4	0	76	79
	Hyderabad ...	000	0	5	00	00	96	02	0	999	84	0	0	9	0	2	72	82
	Badin ...	000	0	1	23	09	96	03	0	016	83	1	6	7	0	0	72	80
Khairpur	Padidan ...	000	0	6	23	05	96	03	0	988	//	7	0	9	7	0	75	84
	Nawabshah ...	000	0	6	00	00	96	02	0	992	//	6	0	9	6	0	75	82
	Sukkur ...	000	0	6	23	05	96	03	0	988	65	6	0	9	6	0	76	83
	Kashmore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jacobabad ...	000	0	3	13	05	96	05	0	990	87	0	0	9	0	1	79	64
Junagadh	Verayal ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
Malakand	Drosh * ...	000	0	2	00	00	97	06	0	425	64	2	1	7	0	0	69	77
Peshawar	Cherat * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kakul * ...	000	0	3	31	02	97	03	0	4/8	75	2	2	/	3	0	72	69
	Landikotal * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Parachinar * ...	000	0	6	13	02	97	02	2	441	72	5	7	5	3	0	67	69
D.I. Khan	Miranshah * ...	000	0	6	05	05	97	00	2	429	79	6	0	9	0	2	72	71
	Wana * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman * ...	000	0	1	35	02	95	05	4	423	76	1	1	7	0	0	69	74
	Hindubagh * ...	000	0	0	27	02	95	05	0	///	80	0	0	9	0	0	//	//
	Loralai * ...																	
	Barkhan * ...																	
	Harnai * ...	000	0	0	31	10	96	02	0	405	84	0	0	9	0	0	73	60
	Samungli (Quetta) * ...	000	0	0	13	05	//	//	/	426	77	0	0	9	0	0	68	//
	Chaman * ...	000	0	0	00	00	95	05	0	459	81	0	0	9	0	0	48	78
	Nushki * ...	000	0	0	00	00	97	00	0	458	88	0	0	9	0	0	44	//
	Dalbandin * ...	000	0	0	31	02	93	05	4	418	84	0	0	9	/	/	77	79
Kalat	Kalat * ...	000	0	0	18	00	91	00	2	410	73	0	0	9	0	0	57	73
	Khuzdar * ...	000	0	0	18	02	96	05	0	409	79	0	0	9	0	0	7/	74
	Panjgur * ...	000	0	0	00	00	//	05	0	425	81	0	0	9	0	0	76	//

Departure from Normal of / Rainfall

DIVISIONS (1)	STATIONS (2)	Maximum temperature TxTx (37)	Minimum temperature TnTn (38)	Since 1st June, 1971 to-date (39)	Departure from normal (40)	Since 1st January, 1971 to-date (41)	Annual Normal (42)
Chittagong	Rangamati ...	—	—	—	—	—	—
	Cox's Bazar ...	—	+ 1	—	—	—	140
	Chittagong ...	0	//	67.3	—	—	108
	Maijdee Court ...	—	0	—	—	—	115
	Comilla ...	— 3	—	—	—	—	94
	Brahmanbaria ...	—	—	—	—	—	78
	Sylhet ...	—	—	—	—	—	—
	Srimangal ...	—	0	—	—	—	98
Dacca	Mymensingh ...	—	+ 1	—	—	—	91
	Narayanganj ...	—	— 2	—	—	—	74
	Dacca (Tejgaon) ...	—	—	26.8	—	—	—
	Faridpur ...	—	—	—	—	—	71
Khulna	Barisal ...	—	— 1	—	—	—	81
	Khulna ...	—	—	—	—	—	68
	Satkhira ...	—	—	—	—	—	65
	Jessore ...	+ 1	— 2	—	—	—	65
Rajshahi	Pabna ...	—	—	—	—	—	59
	Sirajganj ...	—	—	—	—	—	64
	Rajshahi ...	—	—				—
	Bogra ...	//	//				69
	Dinajpur ...	—	—	—	—	—	72
	Rangpur ...	—	0	—	—	—	84
Kashmir	Jammu ...						—
Lahore	Lahore (Jail Rd.) ...	— 12	— 2	8.4	+ 0.7	11.5	19
	Sialkot ...	— 7	—	17.1	+ 5.2	23.1	32
Rawalpindi	Jhelum ...	—	—	7.5	—	12.2	—
	Islamabad ...	—	—	—	—	—	—
	Rawalpindi ...	— 4	+ 2	24.2	+ 12.9	24.6	36
	Campbellpur ...	—	—			—	—
Sargodha	Khushab ...	— 5	//	5.2	— 0.6	7.2	15
	Sargodha ...	—		3.2		7.2	—
	Lyallpur ...	— 4	//	6.3	+ 1.9	9.6	12
Multan	Sahiwal ...	—		—		—	10
	Multan ...	— 3	+ 2	1.9	— 1.0	2.4	7
	Leiah ...		—	—		—	8
Bahawalpur	Khanpur ...	—	—	1.1	— 2.0	1.5	6
	Bahawalpur ...	—	—	0.0	— 3.0	0.3	6
	Fort Abbas ...	—		—		—	8
Malakand	Chakdara ...	—	—	4.8	—	7.6	—
Peshawar	Peshawar ...	— 6	— 1	3.9	+ 2.0	12.4	11
	Haripur ...	—	—	—			—
D.I. Khan	Bannu ...	—	—	0.7	—	3.0	11
	D.I. Khan ...	— 6	—	0.5	— 2.7	3.3	9
Quetta	Sibi ...	—	—	—		—	5
	Nokkundi ...	—	—	0.0	—	0.0	2
Kalat	Turbat ...	—	—	—		—	—
	Jiwani ...	—	—	0.0	—	1.5	5
	Pasni ...	//	//	0.0	— 0.8	0.0	6
	Ormara ...	—	—	0.8	+ 0.1	0.8	6
	Lasbela ...	—	—	—	—	—	8
Karachi division	Karachi (Manora) ...	—	—	—	—	—	8
	Karachi (Airport) ...	—	—	1.4	—	1.5	—
Hyderabad	Nagarparkar ...	—	—	—	—	—	—
	Chhor ...	—	—	2.9	—	3.7	7
	Hyderabad ...	+ 2	+ 2	0.9	— 2.8	0.9	9
	Badin ...	—	—	0.4	— 3.6	0.4	—
Khairpur	Padidan ...	—	—	0.2	—	0.2	—
	Nawabshah ...	—	—	0.6	—	0.6	4
	Sukkur ...	—	—	2.2	—	2.2	—
	Kashmore ...	—	—	0.0	—	0.0	4
	Jacobabad ...	— 7	+ 1	2.5	+ 1.1	2.6	20
Junagadh	Verayal ...						26
	HILL STATIONS						—
Kashmir	Srinagar * ...						71
	Gulmarg ** ...						26
	Sonamarg ** ...						3
	Dras ** ...						6
	Leh ** ...						—
	Skardu * ...						—
	Misgar ** ...						5
	Aliabad * ...						59
	Gilgit * ...						18
Rawalpindi	Murree * ...	+ 1	—	26.2	+ 8.2	35.6	29
Malakand	Drosh * ...	—	+ 4	1.3	—	9.9	—
Peshawar	Cherat * ...	— 6	—	4.4	— 1.0	4.1	—
	Kakul * ...	—	—	17.7	—	32.7	29
	Landikotal * ...	—	—	5.3	—	14.9	13
	Parachinar * ...	—	+ 2	4.8	—	12.4	11
D.I. Khan	Miranshah * ...	—	—	0.0	— 2.8	1.9	13
	Wana * ...	—	—	0.3	—	1.0	—
Quetta	Fort Sandeman * ...		— 4	5.1	+ 2.1	2.9	9
	Hindubagh * ...	—	—	0.4	— 4.0	2.1	—
	Loralai * ...	—	—	—	—	—	14
	Barkhan * ...	—	—				9
	Harnai * ...	—	—	0.0	—	0.0	8
	Samungli (Quetta) * ...	+ 3	//	0.5	— 0.4	3.2	—
	Chaman * ...	— 3	+ 3	0.0	— 0.2	1.3	—
	Nushki * ...	—	—	0.0	—	1.1	4
	Dalbandin * ...	— 2	+ 4	0.0	— 0.8	0.7	7
Kalat	Kalat * ...	— 3	+ 17	0.0	— 0.8	0.4	—
	Khuzdar * ...	—	—	0.8	—	1.1	5
	Panjgur * ...	+ 2	//	0.0	—	0.0	—

† 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 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

When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 4th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$ N	dd FF	$VV_{ww}W$	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels												
		Surface	1000mb	850mb	700mb	500mb	400mb	300mb	200mb	150mb	100mb	70mb	50mb	30mb
		PoPoPoToToToDoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	002 256 16	048 254 28	450 174 14	096 096 12	583 069 42	756 145 56	969 263 58	249 491 //	432 635 //	678 765 //	...	...	...
Dacca ...	00 00	001 256 08	015 256 05	430 176 00	074 198 22	581 027 57	755 139 62	968 275 //	247 479 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...														
Multan ...														
Peshawar ...														
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT_a DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmPmPmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	$P_tP_tP_tT_tT_tT_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	540 000 47	212 000 02	...	...	...	...	...	...	...	...	...	...
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

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

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 1	2	3	4	5	6	7	8	9	10
Barisal ...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...
Chittagong ...	100 27	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	130 21	152 0/	152 1/	...	...	...	...	...	...
Dacca ...	130 1/	130 16	130 22	210 19	205 25	102 9/	...	...	...
Dalbandin ...	...	...	...	12; 88	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...
Jhelum ...	120 04	115 07	110 05	060 50	075 06	035 09	010 22	355 19	020 9/
Jiwani ...	145 12	150 07	145 04	150 04	325 10	...	...	...	...
Karachi ...	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	...	...	...	...	...	...	...	...	...
Multan ...	115 07	165 06	175 03	175 03	025 04	...	...	...	...
Nawab Shah ...	...	...	...	...	...	...	...	...	...
Nokkundi ...	...	...	300 9/	340 08	345 07	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	170 09	...	285 06	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...
Sargodha ...	080 07	070 11	060 16	040 07	025 09	340 08	010 09	350 26	335 20
Skardu ...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (ddfff)

Height in kms a.s.l.-->	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...
Chhor ...	220 21	249 24	243 25	165 09	195 07	...
Chittagong ...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...
Dacca ...	...	...	...	...	...	...
Dalbandin ...	...	...	055 09	145 15	165 06	155 07
D. I. Khan ...	095 07	12? 11	130 10	...	...	...
Drosh ...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	040 07	030 02	300 15
Gilgit ...	...	...	...	130 03	110 11	110 03
Ishurdi ...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...
Jhelum ...	070 02	130 03	065 03	035 06	050 09	325 12
Jiwani ...	175 11	160 06	120 07	...	...	...
Karachi ...	270 12	210 19	2?0 1?	285 14	030 08	030 15
Khanpur ...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...
Lahore ...	145 04	170 06	100 06	110 08	150 08	130 06
Multan ...	245 07	245 1?	245 05	2?0 03	360 09	245 12
Nawab Shah ...	240 08	205 06	340 05	015 07	025 12	010 13
Nokkundi ...	...	.	350 13	075 04	035 16	355 19
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...
Quetta ...	...	...	...	/// //	275 10	265 08
Sargodha ...	100 05	070 09	035 0/	010 09	340 09	025 09
Skardu ...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (ddfff)

Height in kms a.s.l.-->	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	185 05	210 05	280 04	285 03	290 03	360 03	045 08	335 09	275 15	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	150 13	180 17	190 25	190 27	190 21	225 19	215 22	20? 17	210 13	210 12	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	165 07	125 10	075 05	...	...	...	...	...	...	...	...
Karachi ...	270 08	270 12	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	...	...	...	...	...	...	...	...	...	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	035 04	030 01	020 83	245 02	290 57	320 18	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	135 04	085 04	070 05	030 07	095 07	340 14	010 16	075 03	205 05	265 07	225 16
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V_r V_r etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperature in °C.

T_a—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

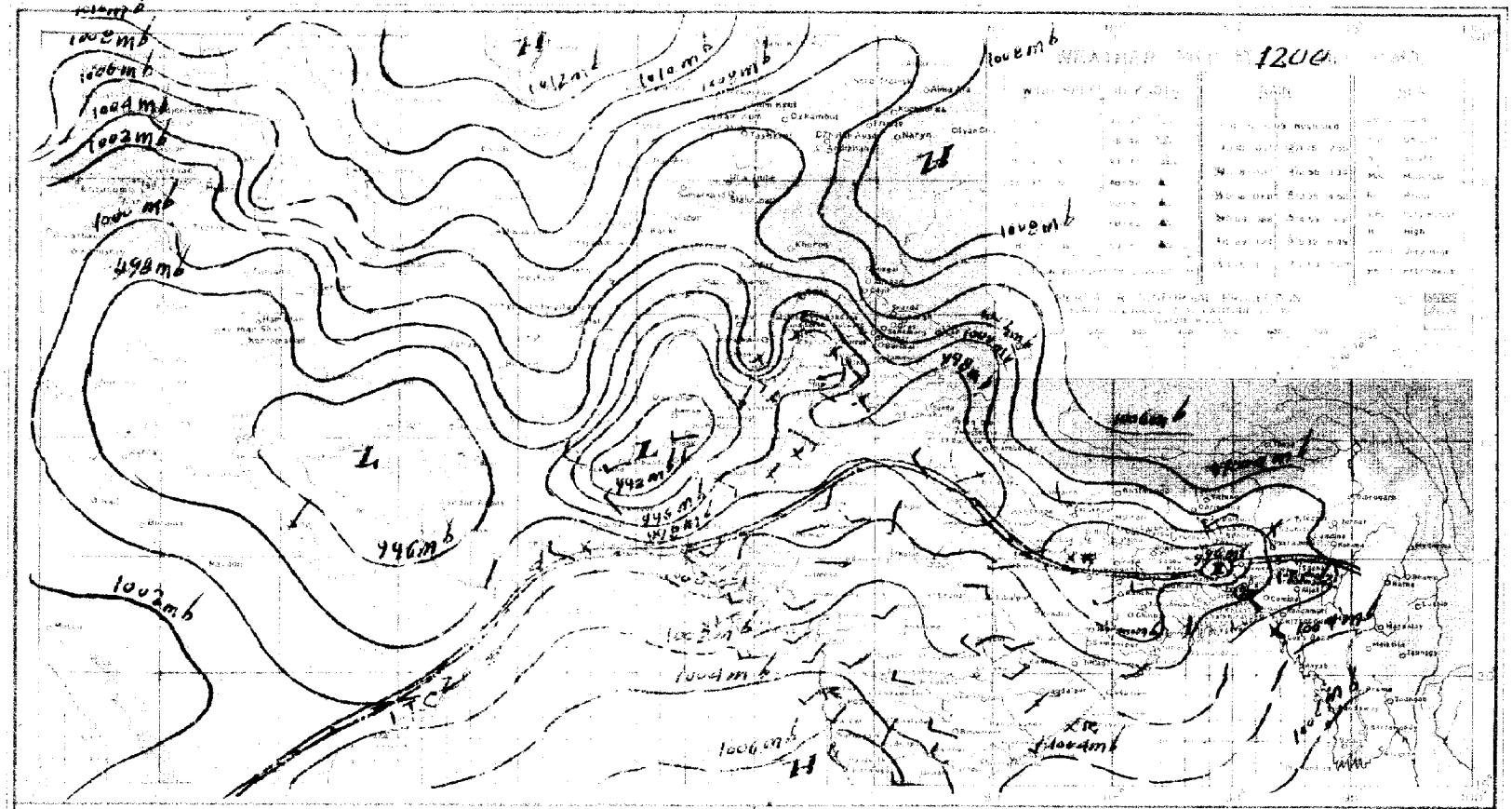
† The actual time of observations may vary within half an hour of the specified time

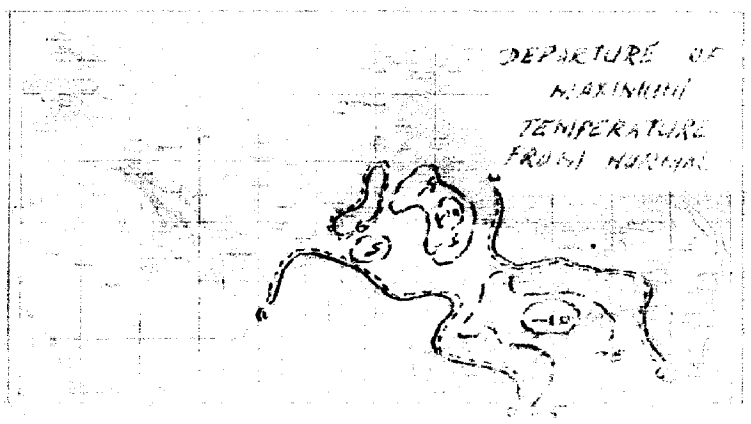
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

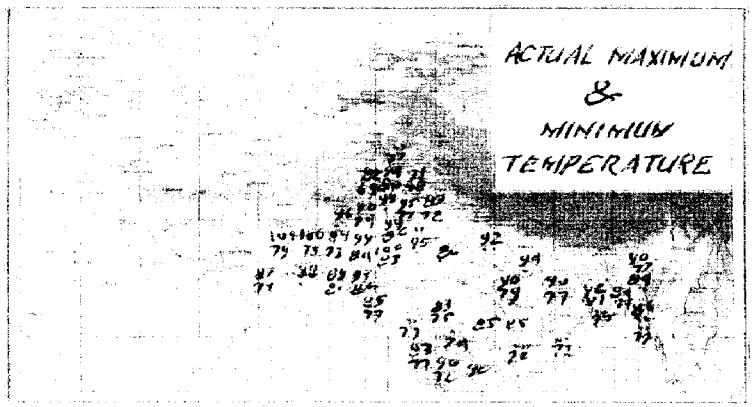
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32

PAKISTAN DAILY WEATHER MAP

TUESDAY 3rd AUGUST, 1971

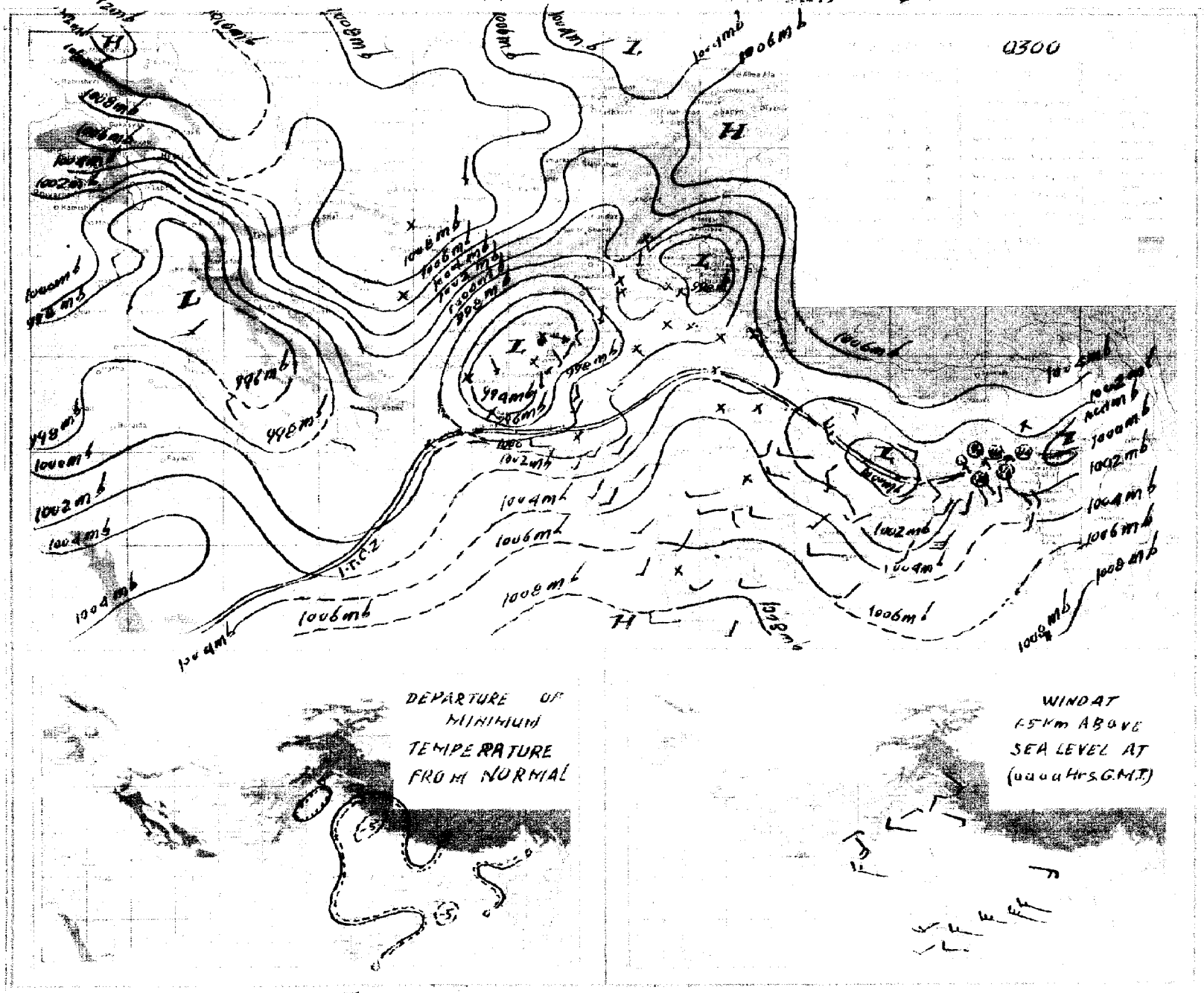






PAKISTAN DAILY WEATHER MAP

WEDNESDAY 4th AUGUST, 1971.



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 2[illegible]

2-FEB 9
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THURSDAY THE 5th AUGUST, 1971.

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

Observations from East Pakistan and adjoining areas meagre but believe yesterday's low pressure area over north Assam has moved away eastwards.
The low pressure area over Bihar and adjoining areas persists.
Rain/thundershowers have been widespread over Dacca division, fairly widespread over Chittagong and Rajshahi divisions and local over Khulna division.
Yesterday's feeble low pressure wave has moved slightly eastwards and now lies over Kashmir.
The seasonal low over Quetta and Kalat divisions continues to be well marked.
A shallow secondary western disturbance is moving across East Russian Turkistan.
Local rain/thunderstorms have occured over Rawalpindi division and scattered over Lahore division.
Chief amounts of rainfall are Hatiya 3", Jessore 1½", Rangamati and Murree 1" each, Sandip and Cox's Bazar 3/4" each, Chittagong and Mymensingh ½" each and Sylhet, Dacca and Sialkot ¼" each.
Day temperatures were 3–8 °F (2–4 °C) above normal in Rajshahi, Malakand, Peshawar and Kalat divisions and were to the same extent below normal in Lahore, Multan, D. I. Khan and central Quetta divisions.
Forecast valid until the evening of the 6th August 1971 :—Rain/thundershowers will be fairly widespread over East Pakistan and scattered over Lahore, Rawalpindi and Sargodha divisions and in Kashmir. A few falls of light rain/drizzle are also likely to occur over Karachi, Hyderabad and Khairpur divisions.
Earth Quake Report The seismographs of the geophysical centre, Quetta have recorded an earth quake of severe intensity on 4th August, 1971 at 07 hrs. 12 mts. W.P.S.T. Its epicentre lies about 6000 miles west of Quetta near Azors Island in north Atlantic Ocean.

Karachi-32
The 5th August, 1971.

OBSERVATIONS

M. SHAHABUDDIN
for Director Meteorological Services.

At 12 Hrs. G.M.T. of Previous day

DIVISIONS	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)° PPP (11)	Dry Bulb temperature TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud from † GL (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	050	6	7	18	05	96	50	6	037	79	6	7	3	1		74	84
	Cox's Bazar	011	6	6	22	06	96	12	6	024	83	6	4	4	3	0	76	84
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Maijdee Court																	
	Comilla	000	0	4	00	00	96	02	1	009	83	4	4	4	0	0	79	//
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sylhet	004	9	4	00	00	96	02	6	008	83	0	0	5	6	4	79	68
	Srimangal																	
Dacca	Mymensingh	000	9	8	18	09	96	03	2	006	83	4	2	5	/	5	83	84
	Narayanganj	000	0	8	11	32	95	02	5	000	[illegible]	3	6	4		/	84	84
	Dacca (Tejgaon)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	Barisal	056	4	7	16	07	96	03	6	999	83	5	3	4	2	8	79	89
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore																	
Rajshahi	Pabna																	
	Sirajganj																	
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bogra																	
	Dinajpur																	
	Rangpur	000	0	4	11	02	96	01	1	019	86	2	2	6	1	0	79	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	6	00	00	97	03	2	962	91	2	4	7	2	0	77	94
	Sialkot	000	0	3	27	02	99	01	1	961	93	2	4	6	5	0	77	94
Rawalpindi	Jhelum	000	0	1	18	02	97	01	0	949	95	1	1	7	0	0	76	97
	Islamabad																	
	Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Campbellpur	000	0	0	13	03	98	00	0	//	96	0	0	9	0	0	96	98
Sargodha	Khushab	000	0	6	08	05	97	01	2	931	99	4	0	9	4	0	78	02
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lyallpur	000	0	0	00	00	98	00	0	957	93	0	0	9	0	0	59	99
Multan	Sahiwal																	
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Leiah	000	0	0	35	02	85	00	0	920	03	0	0	9	0	0	75	03
Bahawalpur	Khanpur	000	0	2	23	03	96	02	0	953	01	0	0	9	0	1	72	02
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Abbas	///	0	0	/	04	96	00	2	969	85	4	0	9	0	0	70	86
Malakand	Chakdara	000	0	2	18	07	97	03	0	924	93	2	1	7	0	0	77	95
Peshawar	Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Haripur	000	0	0	23	03	98	00	0	970	94	0	0	9	0	0	76	95
D.I. Khan	Bannu	000	0	6	00	00	98	03	2	969	97	0	0	9	1	0	77	97
	D. I. Khan	000	0	3	05	02	97	02	1	955	97	0	0	9	0	1	77	98
Quetta	Sibi																	
	Nokkundi	000	0	0	31	07	95	05	4	900	11	0	0	9	0	0	63	//
Kalat	Turbat	000	0	0	16	04	93	00	0	025	00	0	0	9	0	0	73	00
	Jiwani	000	0	6	18	11	96	02	2	988	84	6	6	5	0	0	75	86
	Pasni	000	0	0	27	02	97	00	0	///	76	0	0	9	0	0	67	//
	Ormara	000	0	4	23	09	96	02	2	976	91	4	5	6	0	0	75	92
	Lasbela	///	0	3	18	01	96	00	0	979	99	0	0	0	0	0	82	//
Karachi division	Karachi (Manora)																	
	Karachi (Airport)	000	0	7	27	12	96	02	2	992	84	4	6	5	3	0	77	88
Hyderabad	Nagarparker																	
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hyderabad	000	0	3	23	07	97	01	1	973	94	0	0	9	0	1	76	98
	Badin	000	0	7	23	09	97	02	/	997	86	3	7	5	2	0	74	91
Khairpur	Padidan	000	0	2	23	03	96	02	0	954	99	0	9	0	8	/	73	03
	Nawabshah	000	0	0	13	02	96	05	0	964	00	0	0	9	0	0	79	01
	Sukkur	000	0	6	13	02	96	03	0	951	99	6	0	9	6	0	78	00
	Kashmore	000	0	0	23	[illegible]	98	[illegible]	0	965	00	0	0	9	0	0	96	01
	Jacobabad	000	0	1	13	05	96	05	0	951	00	0	0	9	0	/	78	08
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	005	2	7	13	02	97	02	6	410	70	7	9	3	0	0	66	71
Malakand	Drosh *	000	0	5	21	12	97	06	0	366	97	4	8	7	6	0	51	01
Peshawar	Cherat *	000	0	1	18	07	98	01	1	422	85	1	1	8	0	0	71	86
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Landikotal *	000	0	6	18	05	97	02	2	408	91	6	2	/	2	0	71	94
	Parachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Miranshah *	000	0	6	05	05	97	00	2	411	89	6	0	9	0	2	73	90
	Wana *	000	0	0	13	04	98	00	0	400	89	0	0	9	0	0	85	92
Quetta	Fort Sandeman *	000	0	2	23	07	95	00	4	363	96	2	4	7	0	0	57	97
	Hindubagh *	000	0	0	27	19	95	05	0	///	96	0	0	9	0	0	90	98
	Loralai *																	
	Barkhan *																	
	Harnai *	000	0	0	13	01	96	02	0	415	96	0	0	9	0	0	80	97
	Samungli (Quetta) *	000	0	0	27	05	97	06	0	339	97	0	0	9	0	0	77	88
	Chaman *	000	0	0	27	03	97	00	0	456	01	0	0	9	0	0	55	02
	Nushki *	000	0	0	29	03	95	06	0	449	03	0	0	9	0	0	45	04
	Dalbandin *	000	0	0	00	00	93	05	4	409	08	0	0	9	/	/	77	09
Kalat	Kalat *	000	0	0	36	00	92	00	0	380	83	0	0	9	0	0	75	92
	Khuzdar *	000	0	0	13	09	95	05	4	389	94	0	0	9	0	0	56	95
	Panjgur *	000	0	6	13	02	96	03	0	404	03	0	0	9	0	0	85	04

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

STATIONS	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total Cloud amount N (22)	Wind direction in tens of degree 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 (2)	Dry Bulb temperature TT	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 TnTn (36)	Maximum temperature TxTx (37)	Minimum temperature TnTn (38)	Since 1st June, 1971 to-date (39)	Departure from normal (40)	Since 1st January, 1971 to-date (41)	Annual Normal (42)
Rangamati	092	1	6	18	05	98	02	6	050	77	4	7	5	7	2	76	76	—	—	—	—	—	—
Cox's Bazar	085	9	7	13	05	96	50	2	037	79	4	4	4	2	0	77	81	— 2	+ 5	—	—	—	140
Chittagong	051	9	7	13	06	96	02	6	034	81	6	4	4	3	0	77	76	—	0	67 8	—	—	108
Maijdee Court																		—	—	—	—	—	115
Comilla	000	0	4	18	09	96	02	1	022	83	4	4	5	0	0	//	77	//	0	—	—	—	94
Brahmanbaria																		—	—	—	—	—	74
Sylhet	029	9	8	13	05	96	02	6	022	83	5	4	5	2	2	77	77	—	—	—	—	—	—
Srimangal	004	9	6	13	06	96	03	6	031	83	3	4	4	4	4	79	77	— 8	— 1	—	—	—	98
Mymensingh	044	0	3	00	00	97	01	1	004	81	3	0	6	1	1	79	77	— 4	— 1	—	—	—	91
Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4	—	—	—	—	74
Dacca (Tejgaon)	022	9	7	00	00	97	02	6	011	79	6	9	4	7	7	79	76	—	—	27 1	—	—	—
Faridpur	025	3	8	16	05	97	02	6	013	88	6	4	5	1		79	79	—	0		—	—	71
Barisal	058	9	8	21	05	96	02	6	016	81	5	6	3	2	2	79	77	+ 1	— 1	—	—	—	81
Khulna	000	0	5	00	00	97	02	0	029	84	0	4	4	0	0	81	77	—	—	—	—	—	68
Satkhira	000	0	6	00	00	97	03	2	014	84	0	5	9	1	1	84	81	—	—	—	—	—	65
Jessore																		—	—	—	—	—	65
Pabna																		—	—	—	—	—	59
Sirajganj																		—	—	—	—	—	64
Rajshahi	000	0	/	//	//	//	//	/	07	83	3	5	4	7	0	81	77	—	—	—	—	—	—
Bogra																		—	—	—	—	—	69
Dinajpur																		—	—	—	—	—	72
Rangpur	080	9	6	09	02	96	11	6	051	83	6	0	9	2	0	81	79	+ 5	0	—	—	—	84
Jammu																							—
Lahore (Jail Rd.)	000	0	7	00	00	97	03	1	983	84	3	4	4	7	0	79	83	— 5	+ 3	8.4	+ 0.5	11.5	19
Sialkot	018	2	7	00	00	98	01	9	994	77	3	5	6	2	0	75	73	— 2	— 6	17.2	+ 5.1	23.3	32
Jhelum	000	0	4	13	03	97	01	2	980	84	2	0	9	3	1	77	83	—	—	7.5	—	12.2	—
Islamabad																		—	—	—	—	—	—
Rawalpindi	037	2	2	11	09	97	01	6	997	83	1	1	6	3	0	79	78	—	+ 2	24.3	+ 12.6	24 5	36
Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—
Khushab	000	0	0	00	00	97	06	0	975	84	0	0	9	0	0	77	//	+ 1	/	5.2	— 6.[illegible]	7.2	15
Sargodha	000	0	1	03	03	96	04	0	973	88	0	0	9	0	0	78	84	—	—	3.2	—	7.2	—
Lyallpur	000	0	0	00	00	97	00	0	961	88	0	0	9	0	0	72	83	0	+ 2	6.3	+ 1.7	1.0	12
Sahiwal																		—	—	—	—	—	10
Multan	000	0	0	21	09	96	06	1	970	90	0	0	9	0	0	79	//	—	//	1.9	— 1.1	2.4	7
Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	8
Khanpur	000	0	0	23	10	95	06	0	984	84	0	0	9	0	0	76	83	—	—	1.1	— 2.1	1.5	6
Bahawalpur	000	0	0	23	02	96	00	0	984	88	0	0	9	0	0	71	87	—	—	0.0	— 3.1	0.3	6
Fort Abbas	///	/	0	23	04	98	00	0	981	86	0	0	9	0	0	63	77	—	—	—	—	—	8
Chakdara	000	0	6	00	00	97	03	1	950	81	6	0	9	6	0	73	77	—	—	4.8	—	7.6	—
Peshawar	000	0	2	36	00	97	01	0	956	66	1	1	6	3	0	78	//	—	//	3.9	+ 1.9	12.4	11
Haripur	000	0	0	36	02	97	00	0	977	60	0	0	9	0	0	69	73	—	—	12.4	—	20.3	—
Bannu	000	0	0	00	00	98	02	0	977	88	0	0	9	0	0	88	85	—	—	0.7	—	3.0	11
D. I. Khan	000	0	7	05	02	97	03	1	974	//	0	0	9	0	0	79	83	— 3	+ 3	0.5	— 2.7	3.3	9
Sibi																		—	—	—	—	—	5
Nokkundi	000	0	0	31	07	96	02	4	941	//	0	0	9	0	0		63	—	—	0.0	—	0.0	2
Turbat	000	0	0	23	02	98	00	0	963	83	0	0	9	0	3	71	81	—	—	0.0	—	0.0	—
Jiwani	000	0	7	18	03	96	03	2	014	81	7	6	5	0	0	72	79	—	—	0.0	—	1.5	5
Pasni	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	— 0.8	0.0	6
Ormara	000	0	1	27	05	96	02	2	009	81	1	6	6	0	0	77	//	—	—	0.8	+ 0.1	0.8	6
Lasbela	///	0	4	00	00	98	00	0	007	83	0	0	9	0	0	77	81	—	—	0.0	—	0.0	8
Karachi (Manora)																		—	—	—	...	—	8
Karachi (Airport)	000	0	7	27	10	96	02	2	007	83	5	6	5	0	0	77	81	—	—	1.4	—	1.5	—
Nagarparker																		—	—	—	—	—	—
Chhor	000	0	3	23	10	96	03	0	996	81	3	0	9	3	0	73	79	—	—	2.4	—	3.7	7
Hyderabad	000	0	6	23	05	97	03	1	990	84	0	0	9	0	1	76	83	+ 1	+ 3	0.9	— 2.9	0.9	9
Badin	000	3	7	23	05	96	02	5	009	81	7	5	6	/	/	75	78	—	—	0.4	— 3.7	0.4	—
Padidan	000	0	0	13	03	96	02	0	974	85	0	0	9	0	0	76	83	—	—	0.2	—	0.2	—
Nawabshah	000	0	0	13	05	96	05	0	936	84	0	0	9	0	0	77	81	—	—	0.6	—	0.6	4
Sukkur	000	0	6	23	05	96	03	0	976	85	6	0	9	0	0	76	82	—	—	2.2	—	2.2	—
Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	—	0.0	4
Jacobabad	000	0	0	13	07	96	05	0	978	87	0	0	9	0	0	79	85	+ 2	+ 2	2.5	+ 1.6	2.6	20
Veraval																							26
HILL STATIONS																							—
Srinagar *																							71
Gulmarg **																							26
Sonamarg **																							3
Dras **																							6
Leh **																							—
Skardu *																							—
Misgar **																							5
Aliabad *																							59
Gilgit *																							18
Murree *	120	2	5	13	05	90	49	9	427	65	9	/	0	/	/	64	63	— 5	+ 1	26.2	+ 7.7	35.6	29
Drosh *	000	0	2	00	00	98	02	0	414	84	2	2	7	0	0	63	79	+ 5	+ 6	1.3	—	9.9	—
Cherat *	000	0	3	18	03	97	02	2	819	77	3	0	8	1	0	73	70	— 1	— 1	12.4	—	20.3	—
Kakul *	019	1	7	13	02	95	05	6	424	74	5	3	5	3	0	72	//	—	—	17.7	—	32.7	29
Landikotal *	000	0	3	09	05	97	02	2	413	84	2	2	7	3	0	73	78	—	—	5.3	—	14.9	13
Parachinar *	009	0	6	05	02	97	04	1	427	72	4	5	6	3	0	61	66	—	+ 2	4.8	—	12.4	11
Miranshah *	000	0	0	05	05	99	00	0	400	83	0	0	9	0	0	73	//	—	—	0.0	— 2.9	1.9	13
Wana *	000	0	0	00	00	98	00	0	381	82	0	0	9	0	0	76	73	—	—	0.3	—	1.0	—
Fort Sandeman *	000	0	0	13	02	96	05	4	400	//	0	0	9	0	0	69	//	+ 2	//	5.1	+ 2.1	2.9	9
Hindubagh *	000	0	0	27	05	92	02	0	///	84	0	0	9	0	0	53	67	—	—	0.4	—	2.1	—
Loralai *																		—	—	—	—	—	14
Barkhan *																		—	—	—	—	—	9
Harnai *	000	0	0	13	01	96	02	0	394	84	0	0	9	0	0	73	82	—	—	0.0	— 4.4	0.0	8
Samungli (Quetta) *	000	0	0	13	03	96	06	0	417	86	0	0	9	0	0	69	67	— 5	— 1	0.5	— 0.2	3.2	—
Chaman *	000	0	0	27	03	98	00	0	492	83	0	0	9	0	0	41	79	+ 12	+ 4	0.0	— 0.1	1.3	—
Nushki *	000	0	0	00	00	95	06	0	460	90	0	0	9	0	0	36	84	—	—	0.0	—	1.1	4
Dalbandin *	000	0	0	27	02	95	05	0	439	88	0	0	9	0	0	40	69	+ 1	— 6	0.0	— 0.2	0.7	7
Kalat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—	0.0	— 0.9	0.4	—
Khuzdar *	000	0	0	30	12	95	05	4	404	84	0	0	9	0	0	67	//	—	—	0.8	—	1.1	5
Panjgur *	000	0	0	00	00	95	05	0	420	79	0	0	9	0	0	//	76	+ 3	0	0.0	—	0.1	—

† 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 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
When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 5th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$	N dd FF	$VV_{ww}W$	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OI_sT_sT_dT_d$	$1T_wT_wT_{wt}T_{wt}$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PoPoPoToToToDoDo	1000mb	850mb	700mb	500mb	400mb	300mb	200mb	150mb	100mb	70mb	50mb	30mb
			hhh TTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	000 256 16	034 256 15	470 190 16	091 120 30	582 029 58	756 133 58	971 273 65	243 437 //	432 641 //	...	...	...	...
Dacca ...	00 00	994 266 09	054 // //	400 230 17	066 104 45	580 010 59	754 123 56	968 259 //	249 471 //	435 601 //	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	997 270 40	...	400 210 67	085 154 65	582 065 //	754 159 //	964 285 //	245 427 //	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	995 238 33	551 /// //	392 768 5	083 192 57	...	...	...	...	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	978 274 25	003 /// //	...	MISDA	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PtPP TTTa DD							Max. Wind Speed	TROPOPAUSE: First	Transition	Second	Transition
									PmPmPmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	PtPtPtTtTtTt	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	532 000 56	...	...	...	...	...	...	...	...	...	...	...
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...	00 00	600 122 71	531 072 //	0// 441 4	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms a.s.l.-->	At 1200 hrs. G.M.T. † of Previous day (dddff)									At 0000 hrs. G.M.T. † of date (dddff)						At 0600 hrs. G.M.T. † of date (dddff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 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
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	215 04	220 04	260 05	270 04	025 03	010 05	345 13	340 14	...	110 07	215 03	260 10	275 12	...	...	160 08	130 04	200 05	300 09	310 03	335 03	...	...	...	...
Chhor ...	215 12	315 12	190 09	...	160 08	...	...	...	...	220 25	225 15	220 10	265 05	295 04	265 06	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Char t ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	200 19	225 33	240 27	225 23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	190 08	185 11	200 12	215 13	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	130 00	140 06	140 00	160 11	170 09	160 13	255 07	205 04	330 15	145 12	180 11	...	170 06	250 03	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	220 21	230 29	230 5	...	...	...	...	...	...	235 06	225 07	175 03	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	035 10	335 02	255 26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	000 00	165 04	330 05	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	170 04	185 10	190 07	275 08	350 9	340 05	...	...	...	165 10	155 13	210 10	255 08	335 01	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	180 05	135 02	...	...	...	...	...	...	...	255 27	270 24	270 21	300 13	345 06	005 16	165 05	180 11	064 5/	...	...	...	...	...	...	...	...
Karachi ...	...	...	...	...	...	...	...	...	...	255 27	270 24	270 21	300 12	345 06	045 34	270 13	285 13	...	...	...	...	...	...	...	...	...
Khanpur ...	115 04	230 05	225 10	225 08	220 06	145 05	065 12	045 13	150 12	225 06	230 01	230 06	2.0 06	100 05	170 06	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	350 06	335 04	310 11	345 15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	135 6	155 03	100 03	135 03	070 //	080 0	...	...	...	110 07	200 08	210 08	220 09	235 10	260 07	135 06	160 07	170 06	255 07	330 05	...	...	...	...	...	...
Multan ...	230 01	225 0/	250 5/	230 04	258 2	250 12	...	...	...	220 18	265 24	215 21	220 08	300 03	345 17	200 16	210 12	215 15	225 13	230 13	235 06	310 07	...	340 07	...	...
Nawab Shah ...	165 03	165 04	360 01	010 03	040 07	030 15	350 27	...	...	210 19	220 //	210 06	345 05	...	010 13	...	...	...	...	...	...	...	...	...	...	...
Nokkundi ...	...	...	345 09	245 01	355 02	363 //	...	...	...	...	...	350 29	130 03	320 02	035 03	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	230 07	290 16	320 07	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	041 50	050 08	160 10	195 04	310 08	320 22	315 18	300 16	...	320 05	295 05	175 02	175 12	300 13	...	040 04	160 01	270 03	250 04	295 12	310 17	250 19	250 25	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	105 04	150 08	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	/// //	292 06	274 04	330 02	345 09	310 14	...	...	...	/// //	320 05	275 03	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	125 03	140 03	160 02	330 05	005 08	360 10	335 27	330 20	225 10	185 01	185 04	185 04	220 04	220 05	300 09	250 06	220 33	250 3	335 05	290 03	325 03	360 09	345 12	355 12	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sy het ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (Iliii Cdd V, V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

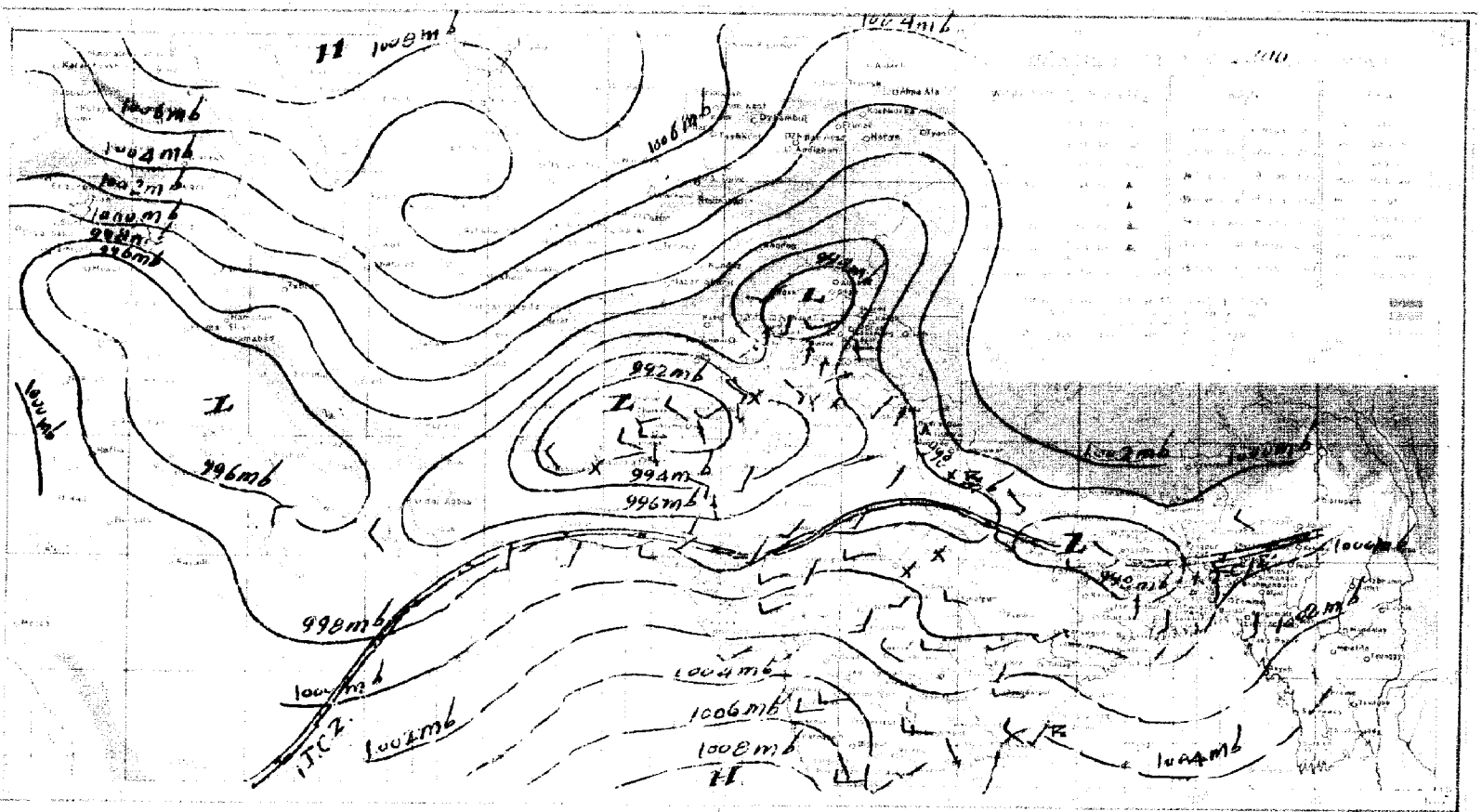
The actual time of observations may vary within h lf an hour of the specified time

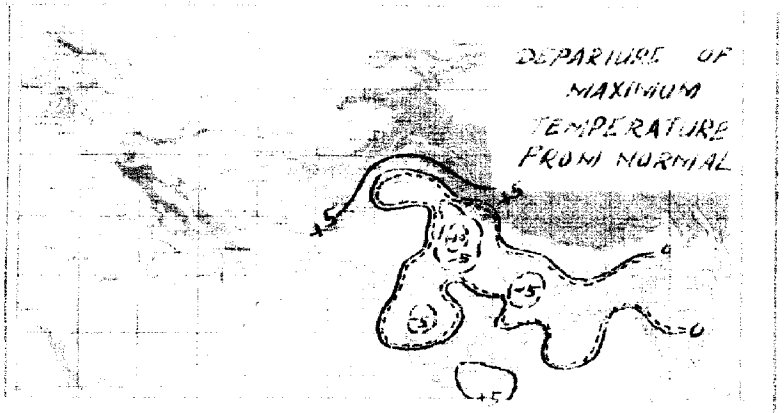
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "ff" in knots or in knots increased by 500

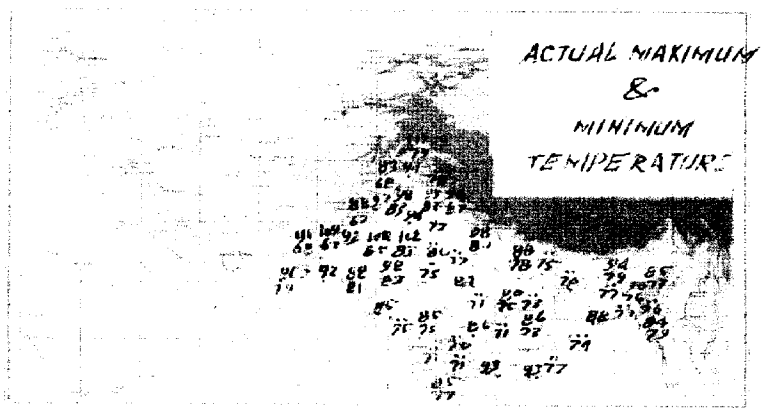
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 11 AUGUST 1971

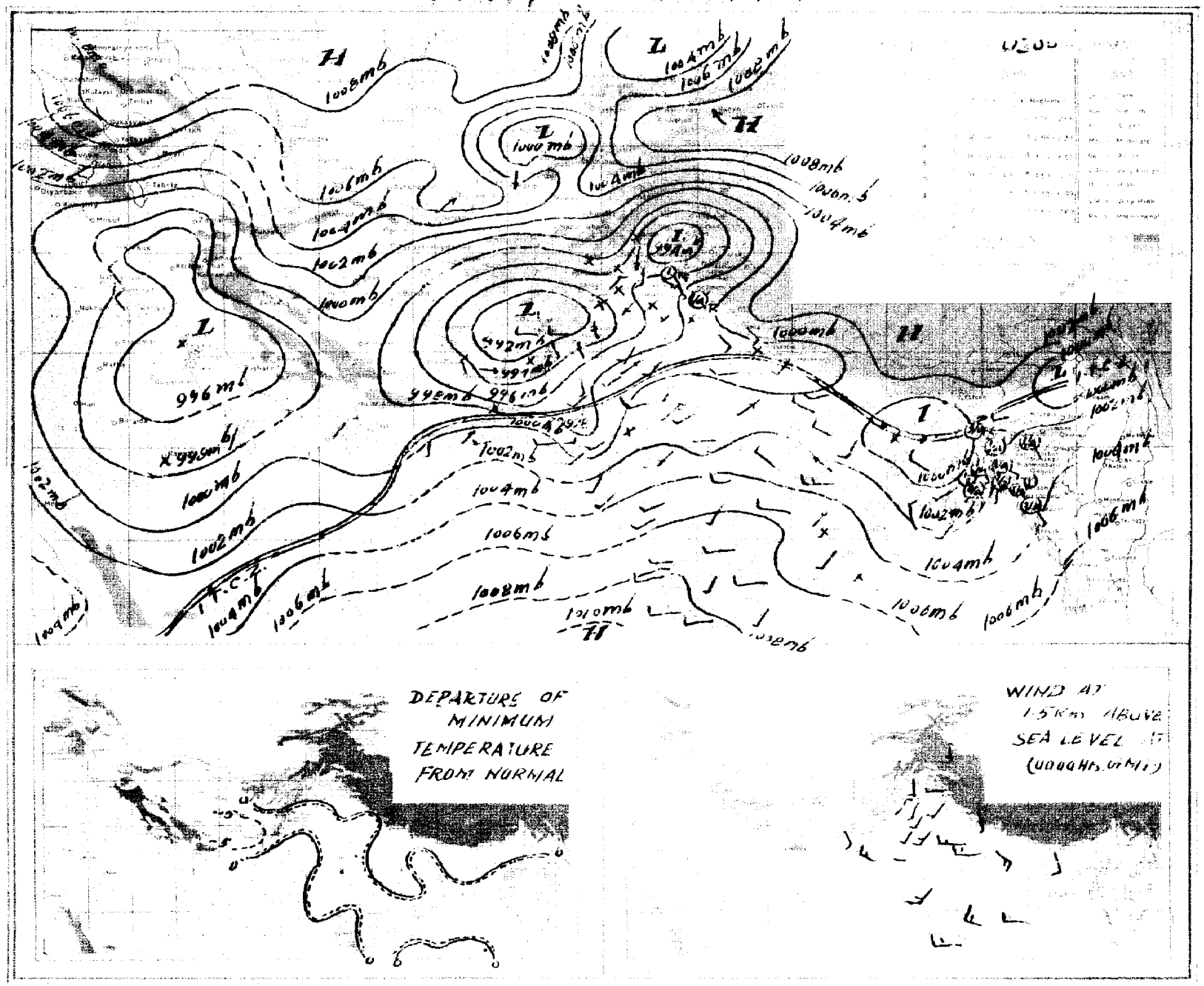






PAKISTAN DAILY WEATHER MAP

THURSDAY 5TH AUGUST, 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

THURSDAY THE 5th AUGUST, 1971.

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

Observations from East Pakistan and adjoining areas meagre but believe yesterday's low pressure area over north Assam has moved away eastwards.
The low pressure area over Bihar and adjoining areas persists.
Rain/thundershowers have been widespread over Dacca division, fairly widespread over Chittagong and Rajshahi divisions and local over Khulna division.
Yesterday's feeble low pressure wave has moved slightly eastwards and now lies over Kashmir.
The seasonal low over Quetta and Kalat divisions continues to be well marked.
A shallow secondary western disturbance is moving across East Russian Turkistan.
Local rain/thunderstorms have occured over Rawalpindi division and scattered over Lahore division.
Chief amounts of rainfall are Hatiya 3", Jessore 1½", Rangamati and Murree 1" each, Sandip and Cox's Bazar 3/4" each, Chittagong and Mymensingh ½" each and Sylhet, Dacca and Sialkot ¼" each.
Day temperatures were 3 - 8 °F (2 - 4 °C) above normal in Rajshahi, Malakand, Peshawar and Kalat divisions and were to the same extent below normal in Lahore, Multan, D. I. Khan and central Quetta divisions.

Forecast valid until the evening of the 6th August 1971 :—Rain/thundershowers will be fairly widespread over East Pakistan and scattered over Lahore, Rawalpindi and Sargodha divisions and in Kashmir. A few falls of light rain/drizzle are also likely to occur over Karachi, Hyderabad and Khairpur divisions.

Earth Quake Report The seismographs of the geophysical centre, Quetta have recorded an earth quake of severe intensity on 4th August, 1971 at 07 hrs. 12 mts. W.P.S.T. Its epicentre lies about 6000 miles west of Quetta near Azors Island in north Atlantic Ocean.

Karachi-32
The 5th August, 1971.

OBSERVATIONS

SHAHABUDDIN
for Director Meteorological Services.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Ww)	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)	Height of Lowest Cloud † (CL)	Medium Cloud form † (h)	High Cloud form † (CM)	Dewpoint temperature °F (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 † (Ww)	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 (TnTn)	Departure from Normal of Maximum temperature (TxTx)	Departure from Normal of Minimum temperature (TnTn)	Rainfall Since 1st June, 1971 to-date	Departure from normal	Since 1st January, 1971 to-date	Annual Normal
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	2	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	050	6	7	18	05	96	50	6	037	79	6	7	3	/	/	74	84	092	1	6	18	05	98	02	6	050	77	4	7	5	7	2	76	76	—	—	—	—	—	—
	Cox's Bazar	011	6	6	22	06	96	12	6	024	83	6	4	4	3	0	76	84	085	9	7	13	05	96	50	2	037	79	4	4	4	2	0	77	61	— 2	+ 5	—	—	—	140
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	051	9	7	13	06	96	02	6	034	81	6	4	4	3	0	77	76	—	0	67.8	—	—	108
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	115
	Comilla	000	0	4	00	00	96	02	1	009	83	4	4	4	0	0	79	//	000	0	4	18	09	96	02	1	022	83	4	4	5	0	0	77	77	//	0	—	—	—	94
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	029	9	8	13	05	96	02	6	023	83	5	4	5	2	2	77	77	—	—	—	—	—	78
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	004	9	6	13	06	96	03	6	031	69	3	4	4	4	4	79	77	— 8	— 1	—	—	—	98
	Srimangal	004	9	4	00	00	96	02	6	008	82	0	0	5	6	4	79	68																							
Dacca	Mymensingh	000	9	8	18	09	96	03	2	006	83	4	2	5	/	5	83	84	044	0	3	00	00	97	01	1	004	81	3	0	6	1	1	79	77	— 4	— 1	—	—	—	91
	Narayanganj	000	0	8	11	32	95	02	5	009	81	3	6	4	/	/	84	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4	—	—	—	—	74
	Dacca (Tejgaon)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	022	9	7	00	00	97	02	6	011	79	6	9	4	7	7	79	76	—	—	27.1	—	—	—
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	025	3	8	16	05	97	02	6	013	88	6	4	5	1	/	79	79	—	0	—	—	—	71
Khulna	Barisal	056	4	7	15	07	96	03	6	999	83	5	3	4	2	8	79	88	058	9	8	21	05	96	02	6	016	81	5	6	3	2	2	79	77	+ 1	— 1	—	—	—	81
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	5	00	00	97	02	0	029	84	0	4	4	0	0	81	77	—	—	—	—	—	68
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	00	00	97	03	2	014	84	0	5	9	1	1	84	81	—	—	—	—	—	65
	Jessore																																			—	—	—	—	—	65
Rajshahi	Pabna																																			—	—	—	—	—	59
	Sirajganj																																			—	—	—	—	—	64
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	/	/	//	//	//	/	07	83	3	5	4	7	0	81	77	—	—	—	—	—	—
	Bogra																																			—	—	—	—	—	69
	Dinajpur																																			—	—	—	—	—	72
	Rangpur	000	0	4	11	02	96	01	1	019	86	2	2	6	1	0	79	94	080	9	6	09	02	96	11	6	051	83	6	0	9	2	0	81	79	+ 5	0	—	—	—	64
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	5	00	00	97	03	2	962	91	2	4	7	2	0	77	94	000	0	7	00	00	97	03	1	983	84	3	4	4	7	0	79	83	— 5	+ 3	0.4	+ 0.5	11.5	19
	Sialkot	000	0	3	27	02	99	01	1	961	93	2	4	6	5	0	77	94	010	2	7	00	00	94	01	9	994	77	3	5	6	2	0	75	73	— 2	— 6	17.2	+ 5.1	23.3	32
Rawalpindi	Jhelum	000	0	1	18	02	97	01	0	949	95	1	1	7	0	0	76	97	000	0	4	13	03	97	01	2	980	84	2	0	9	3	1	77	83	—	—	7.5	—	12.2	—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	037	2	2	11	09	97	01	6	997	83	1	1	6	3	0	79	78	—	—	—	—	—	—
	Rawalpindi	...	...	...	...	...	...	...	...	...	96	0	0	9	0	0	96	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	+ 2	24.3	+ 12.6	24.5	36
	Campbellpur	000	0	6	08	05	97	01	2	931	89	4	0	9	4	0	70	02	000	0	0	00	00	97	06	0	975	84	0	0	9	0	0	77	//	+ 1	//	5.2	— 6.3	7.2	15
Sargodha	Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	03	03	96	04	0	973	88	0	0	9	0	0	78	84	—	—	3.2	—	7.2	—
	Sargodha	000	0	0	00	00	98	00	0	957	93	0	0	9	0	0	59	99	000	0	0	00	00	97	00	0	961	88	0	0	9	0	0	72	83	0	+ 2	6.3	+ 1.7	1.0	12
	Lyallpur																																								
Multan	Sahiwal																		000	0	0	21	09	96	06	1	970	90	0	0	9	0	0	79	//	—	—	—	—	—	10
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	//	1.9	— 1.1	2.4	7
	Lodhran	000	0	0	33	02	85	00	0	920	03	0	0	9	0	0	75	03																							
Bahawalpur	Khanpur	000	0	2	23	03	96	02	0	953	01	0	0	9	0	1	72	02	000	0	0	23	10	95	06	0	984	84	0	0	9	0	0	76	83	—	—	1.1	— 2.1	1.5	6
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	23	02	96	00	0	984	83	0	0	9	0	0	71	87	—	—	0.0	— 3.1	0.3	6
	Fort Abbas	//	/	0	//	04	96	00	2	963	85	4	0	9	0	0	70	86	//	/	0	23	04	98	00	0	981	86	0	0	9	0	0	63	77	—	—	—	—	—	8
Malakand	Chakdara	000	0	2	18	07	97	03	0	924	93	2	1	7	0	0	77	95	000	0	6	00	00	97	03	1	950	81	6	0	9	6	0	73	77	—	—	4.8	—	7.6	—
Peshawar	Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	36	00	97	01	0	956	86	/	1	6	3	0	78	//	—	//	3.9	+ 1.9	12.4	11
	Hoti Mardan	000	0	0	23	03	98	00	0	970	94	0	0	9	0	0	76	95	000	0	0	36	02	97	00	0	977	80	0	0	9	0	0	69	73	—	—	12.4	—	20.3	—
D.I. Khan	Bannu	000	0	6	00	00	90	03	2	969	97	0	0	9	1	0	77	97	000	0	0	00	00	98	02	0	977	88	0	0	9	0	0	88	85	—	—	0.7	—	3.0	11
	D. I. Khan	000	0	2	05	02	97	02	1	955	97	0	0	9	0	1	77	98	000	0	7	05	02	97	03	1	974	//	0	0	9	0	0	79	63	— 3	+ 3	0.5	— 2.7	3.3	9
Quetta	Sibi																																			—	—	—	—	—	5
	Nokkundi	000	0	0	31	07	95	05	4	900	11	0	0	9	0	0	63	//	000	0	0	31	07	96	02	4	941	...	0	0	9	0	0	//	68	—	—	0.0	—	0.0	2
Kalat	Turbat	000	0	0	18	04	93	00	0	025	00	0	0	9	0	0	73	00	000	0	0	23	02	98	00	0	963	83	0	0	9	0	3	71	81	—	—	0.0	—	0.0	—
	Jiwani	000	0	6	18	11	96	02	2	988	84	6	6	5	0	0	75	86	000	0	7	18	03	96	03	2	014	81	7	6	5	0	0	72	79	—	—	0.0	—	1.5	5
	Panjgur	000	0	0	27	02	97	00	0	//	76	0	0	9	0	0	67	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	— 0.8	0.0	6
	Ormara	000	0	4	23	09	96	02	2	976	91	4	5	6	0	0	75	92	000	0	1	27	05	96	02	2	009	81	1	6	6	0	0	77	/	—	—	0.8	+ 0.1	0.8	6
	Lasbela	///	0	3	18	01	96	00	0	979	99	0	0	0	0	0	82	//	///	0	4	00	00	98	00	0	007	83	0	0	9	0	0	77	81	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora)																																			—	—	—	—	—	8
	Karachi (Airport)	000	0	7	27	12	96	02	2	992	84	4	6	5	3	0	77	88	000	0	7	27	10	96	02	2	007	83	5	6	5	0	0	77	81	—	—	1.4	—	1.5	—
Hyderabad	Nagarparkar																																			—	—	—	—	—	7
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	3	23	10	96	03	0	936	81	3	0	9	3	0	73	79	—	—	2.4	—	3.7	9
	Hyderabad	000	0	3	23	07	97	01	1	973	94	0	0	9	0	1	76	98	000	0	6	23	05	97	02	1	990	84	0	0	9	0	1	76	83	+ 1	+ 3	0.9	— 2.9	0.9	9
	Badin	000	0	7	23	09	97	02	//	997	86	3	7	5	2	0	74	91	000	3	7	23	05	96	02	5	009	81	7	5	6	/	/	75	78	—	—	0.4	— 3.7	0.4	—
Khairpur	Padidan	000	0	2	23	03	96	02	0	954	99	0	0	9	0	0	73	03	000	0	0	13	03	96	02	0	974	85	0	0	9	0	0	76	83	—	—	0.2	—	0.2	—
	Nawabshah	000	0	0	13	02	96	05	0	964	00	0	0	9	0	0	79	01	000	0	0	13	05	96	05	0	936	84	0	0	9	0	0	77	81	—	—	0.6	—	0.6	4
	Sukkur	000	0	6	13	02	96	03	0	951	99	6	0	9	6	0	78	00	000	0	6	23	05	96	03	0	976	85	6	0	9	0	0	76	82	—	—	2.2	—	2.2	—
	Kashmore	000	0	0	23	01	96	02	0	963	00	0	0	9	0	0	96	01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	—	0.0	4
	Jacobabad	000	0	1	13	05	96	05	0	951	00	0	0	9	0	/	78	08	000	0	0	13	07	96	05	0	978	87	0	0	9	0	0	79	65	+ 2	+ 2	2.5	+ 1.6	2.6	20
Junagadh	Veraval																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar *																																								71
	Gulmarg **																																								26
	Sonamarg **																																								3
	Dras **																																								6
	Leh **																																								—
	Skardu *																																								—
	Misgar **																																								5
	Aliabad *																																								59
	Gilgit *																																								18
Rawalpindi	Murree *	005	2	7	13	02	97	02	6	410	70	7	9	3	0	0	66	71	120	2	9	13	05	90	49	9	427	65	9	/	0	/	/	64	63	— 5	+ 1	26.2	+ 7.7	35.6	29
Malakand	Drosh *	030	0	5	21	12	97	06	0	366	97	4	8	7	6	0	51	01	000	0	2	00	00	98	02	0	414	64	2	2	7	0	0	63	79	+ 5	+ 6	1.3	—	9.9	—
Peshawar	Cherat *	000	0	1	18	07	98	01	1	422	85	1	1	8	0	0	71	86	000	0	3	18	03	97	02	2	819	77	3	0	8	1	0	73	70	— 1	— 1	12.4	—	20.3	—
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	019	1	7	13	02	95	05	6	424	74	5	3	5	3	0	72	//	—	—	17.7	—	32.7	29
	Landikotal *	000	0	6	12	05	97	02	2	408	91	6	2	/	2	0	71	94	000	0	3	09	05	97	02	2	413	84	3	2	7	3	0	73	78	—	—	5.3	—	14.9	13
	Parachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	009	0	6	05	02	97	04	1	427	72	4	5	6	3	0	61	66	—	+ 2	4.8	—	12.4	11
D.I. Khan	Miranshah *	000	0	6	05	05	97	00	2	411	89	6	0	9	0	2	73	90	000	0	0	05	05	99	00	0	400	83	0	0	9	0	0	73	//	—	—	0.0	— 2.9	1.9	13
	Wana *	000	0	0	13	04	98	00	0	400	89	0	0	9	0	0	85	92	000	0	0	00	00	98	00	0	381	82	0	0	9	0	0	76	73	—	—	0.3	—	1.0	—
Quetta	Fort Sandeman *	000	0	2	23	07	95	00	4	363	96	2	4	7	0	0	57	97	000	0	0	13	02	96	05	4	400	//	0	0	9	0	0	69	//	+ 2	//	5.1	+ 2.1	2.9	9
	Hindubagh *	000	0	0	27	19	95	05	0	///	96	0	0	9	0	0	90	98	000	0	0	27	05	92	02	0	///	84	0	0	9	0	0	53	67	—	—	0.4	—	2.1	—
	Loralai *																																			—	—	—	—	—	14
	Barkhan *																																			—	—	—	—	—	9
	Harnai *	000	0	0	13	01	96	02	0	415	96	0	0	9	0	0	80	97	000	0	0	13	01	96	02	0	394	84	0	0	9	0	0	73	82	—	—	0.0	— 4.4	0.0	8
	Samungli (Quetta) *	000	0	0	27	05	97	06	0	339	97	0	0	9	0	0	77	88	000	0	0	13	03	96	06	0	417	86	0	0	9	0	0	69	67	— 5	— 1	0.5	— 0.2	3.2	—
	Chaman *	000	0	0	27	03	97	00	0	456	01	0	0	9	0	0	55	02	000	0	0	27	03	98	00	0	492	83	0	0	9	0	0	41	79	+ 12	+ 4	0.0	— 0.1	1.3	—
	Nushki *	000	0	0	29	03	95	06	0	449	03	0	0	9	0	0	45	04	000	0	0	00	00	95	06	0	460	90	0	0	9	0	0	36	84	—	—	0.0	—	1.1	4
	Dalbandin *	000	0	0	00	00	93	05	4	409	08	0	0	9	/	/	77	09	000	0	0	27	02	95	05	0	439	88	0	0	9	0	0	40	69	+ 1	— 6	0.0	— 0.2	0.7	7
Kalat	Kalat *	000	0	0	36	00	92	00	0	380	83	0	0	9	0	0	75	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	0	—	— 0.9	0.4	—
	Khuzdar *	000	0	0	13	09	95	05	4	389	94	0	0	9	0	0	56	95	000	0	0	30	12	95	05	4	404	84	0	0	9	0	0	67	//	—	—	0.8	—	1.1	5
	Panjgur *	000	0	6	18	02	96	03	0	404	03	0	0	9	0	0	85	04	000	0	0	00	00	95	05	0	420	79	0	0	9	0	0	//	76	+ 3	0	0.0	—	0.1	—

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 G.M.T. is rainfall since 0900 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

When over 999 is given RRR see the summary above for the actual amounts of rainfall

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 5th AUGUST, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sC_bh_s$	$OT_sT_sT_dT_d$	$1T_wT_w T_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface $P_oP_oP_oT_oT_oT_oD_oD_o$	1000mb (hhh TTTa DD)	850mb	700mb	500mb	400mb	300mb	200mb	150mb	100mb	70mb	50mb	30mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	000 256 16	034 256 15	470 190 16	091 120 30	583 029 58	756 133 58	971 273 65	243 437 //	432 641 //	...	...	...	...
Dacca ...	00 00	994 266 09	054 /// //	400 200 17	066 104 41	580 010 59	754 123 56	968 259 //	249 471 //	435 601 //	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	997 270 40	...	400 210 67	085 154 65	582 065 //	754 159 //	964 285 //	245 427 //	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	995 288 33	551 /// //	392 768 5	083 192 57	...	...	...	...	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	978 274 25	003 /// //	...	MISDA	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. P_tP TTT_a DD							Max. Wind Speed $P_mP_mP_md_md_mf_mf_mf_m$	TROPOPAUSE First $P_tP_tP_tT_tT_tT_at$	Transition $d_td_tf_tf_tf_t$	Second $P_tP_tP_tT_tT_tT_t$	Transition dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	532 000 56	...	...	...	...	...	...	...	...	...	...	...
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...	00 00	600 122 71	531 072 //	0// 441 4	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...													

UPPER WIND DATA

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

Height in kms a.s.l.→ STATION 1	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)
Barisal ...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	215 04	220 04	260 05	270 04	025 03	010 05	345 13	340 14
Chhor ...	215 12	315 12	190 09	...	160 08	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	250 19	225 33	240 27	225 23	...	...	...	...	...
Dacca ...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	130 00	140 06	140 0?	160 11	170 09	16? 11	255 07	205 04	330 15
Drosh ...	...	...	...	220 21	230 29	230 15	...	...	...
Fort Sandeman ...	...	...	...	035 10	335 02	255 26	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...
Jhelum ...	170 04	185 10	190 07	275 08	350 9/	340 05	...	...	...
Jiwani ...	160 05	135 02	...	...	...	...	...	...	...
Karachi ...	...	...	...	...	...	...	...	...	...
Khanpur ...	/15 04	230 05	225 10	225 08	220 06	145 05	065 12	045 13	(50 12
Khuzdar ...	...	...	...	350 06	335 04	310 11	345 15	...	...
Lahore ...	135 0/	155 03	100 03	135 03	070 //	080 0/	...	...	...
Multan ...	230 0/	225 0/	250 5/	230 04	258 2/	250 12	...	...	...
Nawab Shah ...	165 03	165 04	360 01	010 03	040 07	030 15	350 27	...	...
Nokkundi ...	...	...	345 09	245 01	355 02	362 //	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	041 50	050 08	160 10	195 04	310 08	320 22	3/5 18	300 16
Parachinar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	/// //	292 06	274 04	330 0?	345 09	310 14
Sargodha ...	125 03	140 03	160 02	330 05	005 08	360 10	335 27	330 20	225 10
Skardu ...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (ddfff)

STATION	0.3 (11)	0.6 (12)	0.9 (13)	1.5 (14)	2.1 (15)	3.0 (16)
Barisal	...	...	...	...	...	...
Bogra	...	...	...	...	...	...
Chaklala	...	110 07	215 03	260 10	275 12	...
Chhor	220 25	225 15	220 10	265 05	295 04	265 06
Chittagong	...	...	...	...	...	...
Cherat	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...
Dacca	...	...	...	...	...	...
Dalbandin	...	...	...	...	...	...
D. I. Khan	145 12	185 11	...	170 06	250 03	...
Drosh	...	...	...	235 06	225 07	175 03
Fort Sandeman	...	...	...	...	...	...
Gilgit	...	...	...	000 00	165 04	330 05
Ishurdi	...	...	...	...	...	...
Jacobabad	...	...	...	...	...	...
Jessore	...	...	...	...	...	...
Jhelum	165 10	195 13	210 10	295 08	335 01	...
Jiwani	255 27	270 24	270 21	300 13	345 06	005 16
Karachi	255 27	270 24	270 21	300 12	345 06	045 34
Khanpur	225 06	230 01	230 08	210 06	200 05	170 06
Khuzdar	...	...	...	...	...	...
Lahore	110 07	200 08	210 08	220 09	235 10	260 07
Multan	220 18	205 24	215 21	220 08	300 03	245 17
Nawab Shah	210 19	220 ///	210 06	345 05	...	010 13
Nokkundi	...	...	350 29	130 03	320 02	035 03
Panjgur	...	...	...	230 07	290 16	320 07
Peshawar	...	320 05	295 05	175 02	175 12	300 13
Parachinar	...	...	...	...	105 04	150 08
Quetta	...	...	...	/// //	320 05	275 03
Sargodha	185 01	185 04	185 04	220 04	220 05	300 09
Skardu	...	...	...	...	...	...
Sylhet	...	...	...	...	...	...
Veraval	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (ddfff)

STATION	0.3 (17)	0.6 (18)	0.9 (19)	1.5 (20)	2.1 (21)	3.0 (22)	4.5 (23)	5.4 (24)	6.0 (25)	7.2 (26)	9.0 (27)
Barisal	...	...	...	...	...	...	...	...	...	...	...
Bogra	...	...	...	...	...	...	...	...	...	...	...
Chaklala	...	160 08	130 04	210 05	300 09	310 03	3?5 03	...	...	...	...
Chhor	...	...	...	...	...	...	...	...	...	...	...
Chittagong	...	...	...	...	...	...	...	...	...	...	...
Cherat	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...
Dacca	...	...	...	...	...	...	...	...	...	...	...
Dalbandin	190 08	185 11	200 12	215 13	...	...	...	...	...	...	...
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	...	...	...	...	...	...	...	...
Gilgit	...	...	...	...	...	...	...	...	...	...	...
Ishurdi	...	...	...	...	...	...	...	...	...	...	...
Jacobabad	...	...	...	...	...	...	...	...	...	...	...
Jessore	...	...	...	...	...	...	...	...	...	...	...
Jhelum	...	...	...	...	...	...	...	...	...	...	...
Jiwani	165 05	180 11	064 5	...	...	...	...	...	...	...	...
Karachi	270 13	285 13	...	...	...	...	...	...	...	...	...
Khanpur	...	...	...	...	...	...	...	...	...	...	...
Khuzdar	...	...	...	...	...	...	...	...	...	...	...
Lahore	135 06	160 07	170 06	295 07	330 05	...	...	...	...	...	...
Multan	200 16	210 12	215 15	225 13	230 13	215 06	310 07	...	340 07	...	...
Nawab Shah	...	...	...	...	...	...	...	...	...	...	...
Nokkundi	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	040 04	180 01	270 03	250 04	295 12	310 17	250 19	250 25	...	...
Parachinar	...	...	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	...	...	...	...	...	...	...
Sargodha	250 06	220 33	250 3/	335 05	290 03	325 03	360 09	345 12	355 12	...	...
Skardu	...	...	...	...	...	...	...	...	...	...	...
Sylhet	...	...	...	...	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...

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

Height in g.p. Kms. a.s.l.→ STATION 1	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	3.6 (8)	4.5 (9)	5.4 (10)	6.0 (11)	7.2 (12)	9.0 (13)	10.5 (14)	12.0 (15)	13.5 (16)	14.1 (17)	15.0 (18)	16.2 (19)	18.5 (20)	20.5 (21)	23.5 (22)
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V_r V_r etc.)

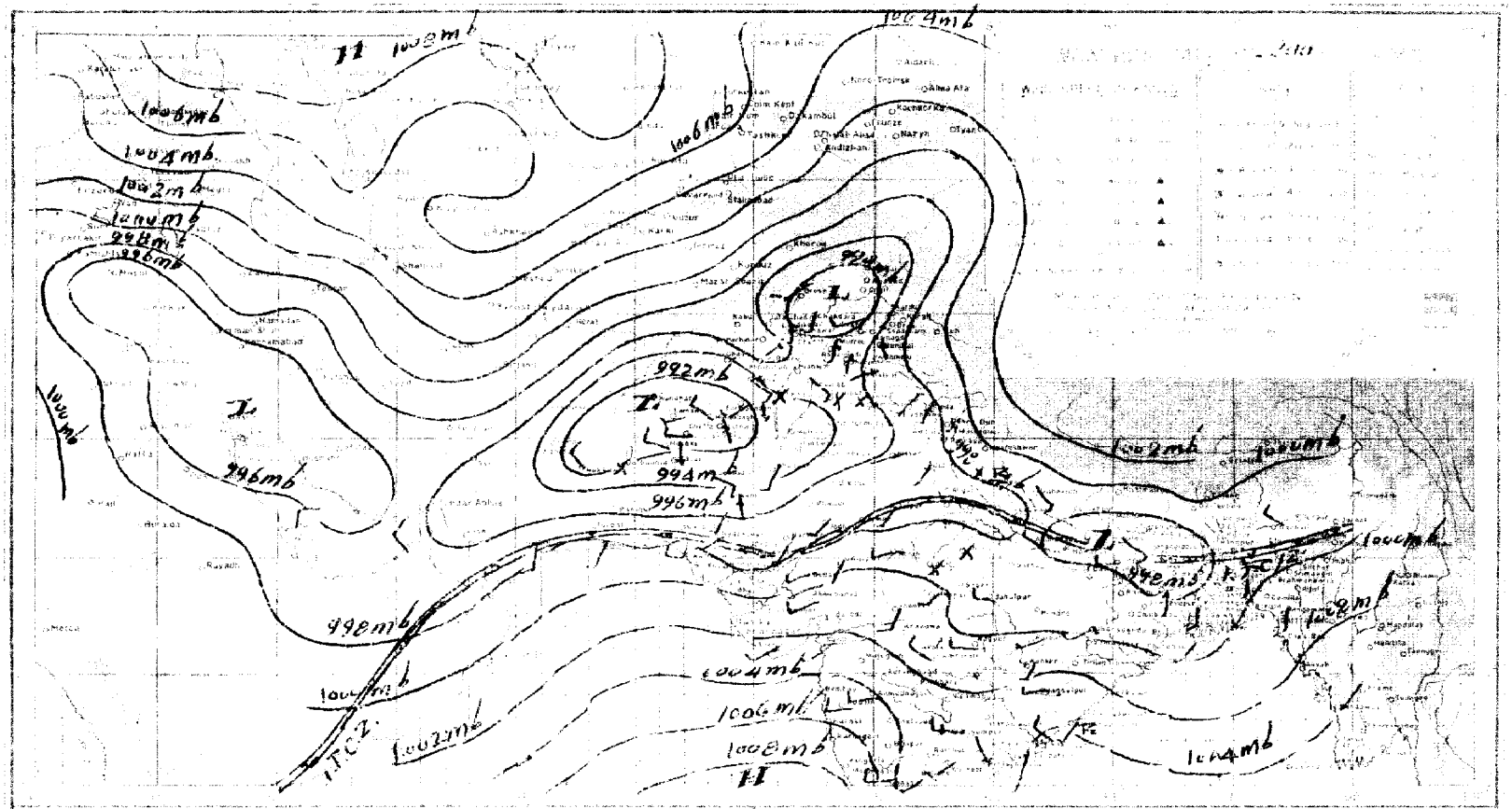
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

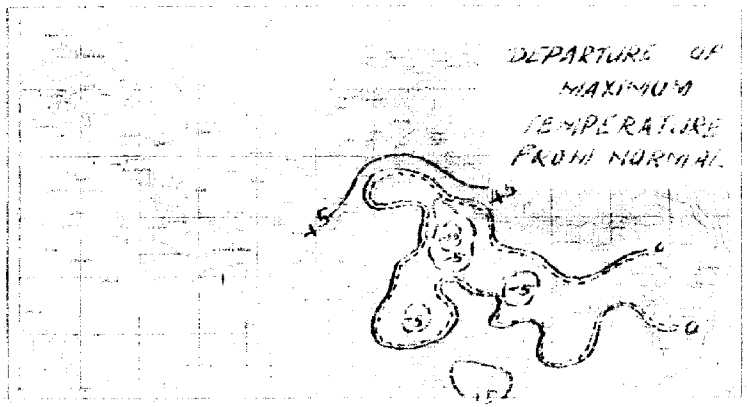
The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

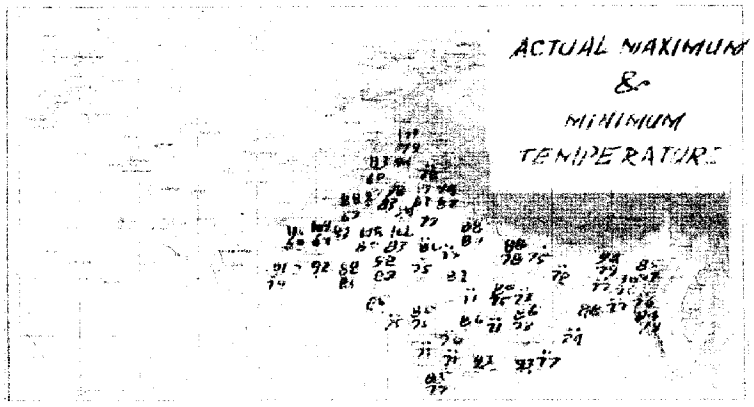
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Main Analysis Centre, University Road Karachi—32.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 11 AUGUST 1971.

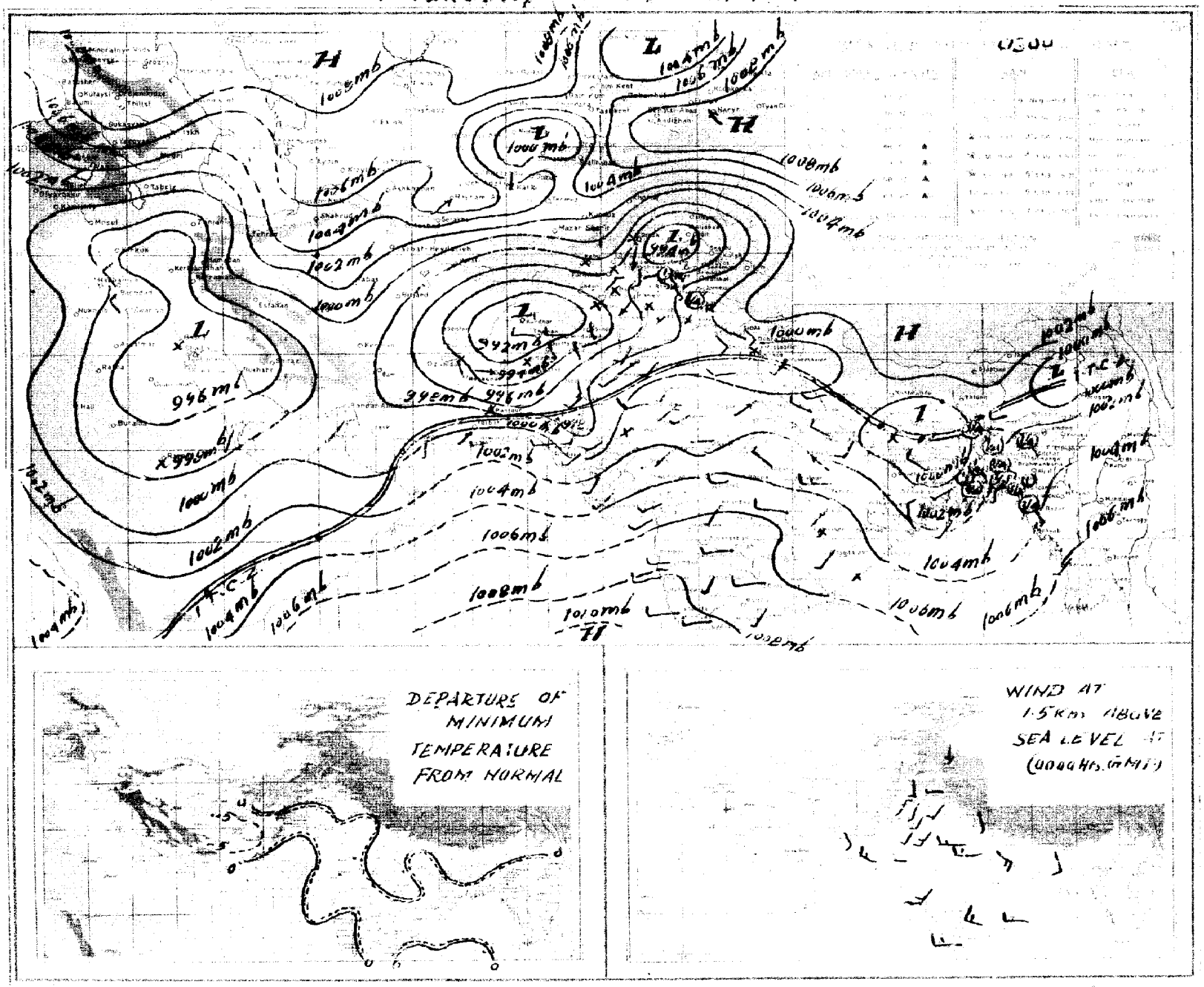






PAKISTAN DAILY WEATHER MAP

THURSDAY 5TH AUGUST, 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

FRIDAY THE 6th AUGUST, 1971.

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

Yesterday's low over Bihar which was bordering East Pakistan last evening has moved further eastwards and now lies over Rajshahi division and adjoining areas. Rain/thundershowers have been local in Chittagong division and scattered elsewhere over East Pakistan.

Yesterday's feeble westerly trough over Kashmir has moved slightly eastwards.

The secondary western disturbance over East Russian Turkistan which lay north of Kashmir last evening has also moved eastwards.

Fairly widespread rain/thundershowers have occured in Rawalpindi division. Scattered thunderstorms have also been reported from Peshawar division and light rain/drizzle from Lahore and Hyderabad divisions.

Chief amounts of rainfall are Cox's Bazar 9", Rawalpindi 3/4" and Faridpur, Satkhira, Bogra, Jhelum and Murree ¼" each.

Day temperatures were 3—8 °F (2—4 °C) above normal in Malakand, Peshawar, Quetta and northern Kalat divisions and were 3—5 °F (2—3 °C) below normal in Lahore and Khairpur divisions and at a few stations in Chittagong, Rawalpindi and Sargodha divisions each.

Forecast valid until the evening of the 7th August, 1971 :—Rain/thundershowers will be fairly widespread over East Pakistan and scattered in Rawalpindi, Malakand and Peshawar divisions and in Kashmir.

Light rain/drizzle may also fall in Lahore, Multan, Karachi, Hyderabad and coastal Kalat divisions.

2-FEB 9
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Karachi-32
The 6th August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility (VV)	Present weather (ww)	Past weather (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form (CL)	Height of Lowest Cloud (h)	Medium Cloud form (CM)	High Cloud form (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature (TxTx)	At 0300 Hrs. G.M.T.: Rainfall in Cents (RRR)	Past weather commenced at (Wx)	Total Cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility (VV)	Present weather (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form (CL)	Height of Lowest Cloud (h)	Medium Cloud form (CM)	High Cloud form (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of Maximum temperature (TxTx)	Departure from Normal of Minimum temperature (TnTn)	Rainfall: Since 1st June, 1971 to-date	Departure from normal	Since 1st January, 1971 to-date	Annual Normal
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	2	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	012	5	7	13	05	96	60	6	016	81	6	7	4	1	/	77	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	77	...	—	—				—
	Cox's Bazar	327	9	8	22	05	96	60	6	004	77	6	5	3	4	0	77	83	927	9	5	18	10	96	03	5	015	80	5	4	2	0	...	77	77	— 3	+ 1				140
	Chittagong	007	5	7	13	03	96	21	6	000	83	6	7	3	2	0	79	88	013	9	6	13	12	96	02	6	011	83	4	4	4	3	0	79	/	+ 2					108
	Maijdee Court	020	6	4	18	02	97	03	6	984	83	3	2	5	3	/	79	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2	—				115
	Comilla	000	0	0	13	05	96	01	0	997	83	0	0	0	0	0	77	88	000	0	5	09	00	96	02	0	003	85	2	4	5	3	0	79	77	+ 1	0				94
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				78
	Sylhet	003	9	7	00	00	96	02	2	989	83	5	4	5	2	/	79	84	012	9	8	09	02	96	02	6	012	85	5	4	5	...	...	79	79	—					—
	Srimangal	012	9	3	16	09	96	01	6	993	83	0	0	5	4	1	79	88	012	9	3	13	02	96	02	6	011	85	0	0	5	4	2	79	77	— 3	+ 1				98
Dacca	Mymensingh	035	1	5	00	00	97	02	6	018	83	5	5	4	0	0	79	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				91
	Narayanganj	005	2	8	23	03	95	03	6	982	84	5	7	3	/	/	81	84	000	0	4	13	02	97	02	2	002	77	3	6	6	3	1	79	79	— 4	0				74
	Dacca (Tejgaon)	003	6	8	18	05	96	91	6	985	83	7	9	3	2	/	79	89	018	0	8	20	03	/	/	/	997	84	2	2	5	3	0	81	64	— 1	—				—
	Faridpur	000	0	7	20	02	97	02	2	004	89	5	4	5	1	0	81	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					71
Khulna	Barisal	002	9	6	21	05	96	03	5	984	/	4	4	4	7	1	80	01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					81
	Khulna	025	3	4	00	00	97	02	0	974	83	2	2	4	0	0	81	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				68
	Satkhira	020	2	4	16	04	97	03	6	934	83	4	3	9	0	0	74	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					65
	Jessore	042	2	8	23	03	94	95	6	979	/	/	/	/	/	/	/	/	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	/ /					65
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						59
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						64
	Rajshahi	000	0	6	13	02	96	02	0	963	83	4	2	5	3	2	81	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Bogra	026	1	7	13	03	96	21	6	972	81	5	5	4	7	0	81	81	026	0	7	09	02	96	02	2	998	85	3	3	4	7	0	79	80	0	+ 1				69
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						72
	Rangpur	000	0	3	09	02	96	01	2	022	88	3	0	9	1	0	81	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
Lahore	Lahore (Jail Rd.)	000	0	5	16	13	97	03	1	931	96	2	1	7	2	7	73	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—	0.4	+ 0.5	11.5	19
	Sialkot	000	0	4	00	00	98	01	0	947	92	4	5	6	0	0	79	93	005	0	8	00	00	98	02	2	994	80	2	5	5	2	/ /	77	77	—	— 2	17.2	+ 5.1	24.0	32
Rawalpindi	Jhelum	000	0	4	13	02	97	01	1	934	95	2	1	7	1	0	80	97	031	0	8	27	02	97	03	2	963	79	3	5	6	1	/	76	75	—	—	7.5	—	12.2	—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Rawalpindi	007	0	1	00	00	97	01	1	922	95	1	1	6	0	0	78	96	017	6	2	00	00	97	01	9	955	76	1	9	6	3	0	75	73	+ 1	— 3	24.4	+ 13.4	26.6	36
	Campbellpur	000	0	0	09	03	98	03	0	...	97	0	0	9	0	0	97	98	000	0	0	23	01	97	00	0	...	81	0	0	9	0	0	/ /	70	—	—				—
Sargodha	Khushab	000	0	0	05	07	97	05	0	923	04	0	0	9	0	0	75	06	000	0	0	19	05	97	06	0	941	90	0	0	9	0	0	77	/	+ 5	—	5.2	— 0.7	7.2	15
	Sargodha	000	0	1	18	05	96	06	0	926	03	1	1	6	0	0	75	06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	3.2	—	7.2	—
	Lyallpur	000	0	6	07	02	97	02	1	933	98	6	4	9	0	0	72	04	000	0	0	00	00	97	00	0	951	87	0	0	9	0	0	74	84	+ 5	— 4	6.3	+ 0.7	9.5	12
Multan	Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						10
	Multan	000	0	0	19	07	96	06	0	932	03	0	0	9	0	0	73	04	000	0	0	18	18	96	07	0	950	85	0	0	9	0	0	75	83	+ 2	0	1.8	— 1.1	2.4	7
	Lelah	000	0	0	36	12	95	03	0	923	03	0	0	9	0	0	75	03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
Bahawalpur	Khanpur	000	0	0	23	06	96	02	0	935	01	0	0	9	0	0	74	02	000	0	2	23	10	96	07	0	967	83	0	0	9	0	1	75	80			1.1	— 2.1	1.5	8
	Bahawalpur	000	0	0	00	00	96	01	0	967	02	0	0	9	0	0	72	02	000	9	1	23	04	95	07	5	966	86	0	0	9	0	6	73	84			0.0	— 3.1	0.2	6
	Fort Abbas	//	/	0	23	04	99	00	0	976	14	0	0	9	0	0	93	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						6
Malakand	Chakdara	000	0	2	27	07	97	03	1	893	96	2	1	7	0	0	80	98	000	0	4	09	05	96	03	2	923	83	2	1	7	0	8	77	79	—	—	4.8	—	7.6	8
Peshawar	Peshawar	000	0	4	07	12	97	03	0	915	94	2	3	6	0	4	82	10	000	0	1	36	05	97	02	0	934	86	1	0	9	3	0	78	13	+ 10	+ 4	3.9	+ 1.9	12.4	11
	Kohat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
D.I. Khan	Bannu	000	0	3	20	01	99	02	1	943	01	0	0	9	0	5	76	01	000	0	3	00	00	99	03	1	954	88	0	0	9	0	5	80	54			0.6	—	2.5	11
	D. I. Khan	000	0	0	18	13	97	02	0	926	02	0	0	9	0	0	79	03	000	0	0	13	03	96	05	0	937	88	0	0	9	0	0	78	54	+ 2	+ 2	0.5	— 2.7	3.3	3
Quetta	Sibi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						9
	Nokkundi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	31	03	96	02	4	942	97	0	0	9	0	0	57	89			0.0	—	0.0	5
Kalat	Turbat	000	0	0	25	02	98	00	0	026	02	0	0	9	0	0	72	02	000	0	0	18	02	98	00	0	955	86	0	0	9	0	0	69	81	—	—	0.0	—	0.0	2
	Jiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	18	12	96	03	1	810	81	6	6	5	0	0	74	78			0.0	—	1.5	—
	Pasni	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	18	02	97	02	0	944	76	0	0	9	0	0	69	70	—	— 6	0.0	— 0.8	0.0	5
	Ormara	000	0	1	27	14	96	02	2	983	86	1	6	6	0	0	76	07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.8	+ 0.1	0.8	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	///	0	6	00	00	98	00	0	005	01	0	0	9	0	0	78	81			0.0	—	0.0	6
Karachi division	Karachi (Manora)	000	0	7	23	14	96	02	2	989	85	9	6	5	0	0	77	87	000	0	7	27	14	96	03	0	007	82	7	6	4	1	1	77	81						8
	Karachi (Airport)	000	0	7	23	14	96	02	2	989	85	9	6	5	0	0	77	87	000	0	7	27	10	96	02	5	005	83	5	6	5	3	0	78	/ /	—	—	1.3	—	1.5	8
Hyderabad	Nagarparker	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Chhor	000	0	6	23	14	96	02	2	978	89	6	5	6	0	0	75	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	—	0.0	—
	Hyderabad	000	0	7	23	07	97	03	2	975	91	2	0	9	3	1	73	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	2.0	—	3.7	7
	Badin	000	0	7	23	12	97	02	2	995	87	3	4	6	2	0	74	90	100	0	5	23	10	96	01	1	005	83	5	6	5	0	0	75	80	— 1	—	0.9	— 2.9	0.9	9
Khairpur	Padidan	000	0	2	13	00	96	02	0	939	08	0	0	9	0	1	74	/ /	000	0	0	33	05	96	02	0	960	85	0	0	9	0	0	73	82	—	—	0.4	— 3.7	0.4	—
	Nawabshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	5	18	09	96	03	0	964	85	0	0	9	0	2	76	81			0.2	—	0.2	—
	Sukkur	000	0	7	20	05	96	03	1	976	83	7	0	6	0	0	78	92	000	0	6	13	05	96	03	0	964	84	6	0	9	6	0	75	81	—	—	0.6	—	0.6	4
	Kashmore	000	0	0	31	02	96	03	0	963	01	0	0	9	0	0	76	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			2.2	—	2.2	—
	Jacobabad	000	0	0	03	09	96	05	0	931	02	0	0	9	0	0	73	03	000	0	4	09	05	96	05	0	963	85	0	0	9	0	4	77	84	— 3	+ 1	0.0	—	0.0	4
Junagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			2.5	+ 1.0	2.6	20
	HILL STATIONS																																								26
Kashmir	Srinagar *	...																																							—
	Gulmarg **	...																																							71
	Sonamarg **	...																																							26
	Dras **	...																																							3
	Leh **	...																																							6
	Skardu **	...																																							—
	Misgar **	...																																							—
	Aliabad *	...																																							5
	Gilgit *	...																																							59
Rawalpind	Murree *	...	003	4	7	13	02	97	03	6	406	72	7	9	3	0	0	67	72	020	9	9	13	02	90	61	9	411	65	9	/	0	/	/	63	62	— 3	— 1	21.2	+ 7.8	35.5	18
Malakand	Drosh *	...	000	0	1	23	12	98	06	0	335	00	1	1	7	0	0	48	04	000	0	1	00	00	98	06	0	391	85	1	1	7	0	0	65	80	+ 9	+ 7	1.3	—	9.8	29
Peshawar	Cherat *	...																																							—
	Kakul *	...	001	0	2	16	05	96	01	1	404	84	2	2	5	0	0	68	85	002	0	6	09	02	97	01	9	400	74	4	3	5	3	2	71	71			17.6	—	22.6	29
	Landikotal *	000	0	6	09	05	97	02	2	387	89	7	2	/	3	0	73	96	000	0	1	09	05	98	02	0	413	84	1	0	/	0	3	76	77			5.3	—	18.9	13
	Parachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	002	0	0	05	02	97	02	0	406	75	0	0	9	0	0	60	69	—	+ 4	4.8	—	12.4	11
D.I. Khan	Miranshah *	...	000	0	6	05	05	97	00	0	388	94	6	0	9	0	2	73	95	000	0	0	05	05	99	00	0	379	85	0	0	9	0	0	74	/ /			0.0	— 2.9	1.9	13
	Wana *	...	010	0	2	13	02	98	00	0	400	80	2	5	8	0	0	77	95	000	0	0	00	00	98	00	0	399	81	0	0	9	0	0	74	72	—	—	0.3	—	0.9	—
Quetta	Fort Sandeman *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	23	02	96	05	0	338	82	0	0	9	0	0	65	67	—	+ 3	5.1	+ 2.1	2.9	9
	Hindubagh *	...																																							14
	Loralai *	...																																							9
	Barkhan *	...																																							8
	Harnai *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	13	01	97	02	0	385	85	0	0	9	0	0	75	81			0.0	— 4.4	0.0	—
	Samungli (Quetta) *	000	0	0	36	07	97	02	0	392	98	0	0	9	0	0	68	00	000	0	2	00	00	97	03	0	418	78	0	0	9	0	0	45	66	— 7	— 1	0.4	— 0.2	3.2	—
	Chaman *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	00	0	484	76	0	0	9	0	0	60	60	—	+ 6	0.0	— 0.1	1.3	—
	Nushki *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	95	06	0	458	87	0	0	9	0	0	34	/ /			0.0	—	1.1	4
	Dalbandin *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	36	02	97	02	0	414	86	0	0	9	0	0	80	76	—	— 4	0.0	— 0.2	0.7	7
Kalat	Kalat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	36	02	93	00	2	413	75	0	0	9	0	0	48	/ /	—		0.0	— 0.8	0.4	—
	Khuzdar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	95	05	0	403	80	0	0	9	0	0	69	77			0.8	—	1.1	5
	Panjgur *	000	0	4	05	03	95	05	0	407	15	0	0	9	0	0	90	06	000	0	2	00	00	96	02	0	419	78	0	0	9	0	0	75	75	+ 5	0	0.0	—	0.1	—

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 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1300 hrs. is rainfall since 0000 hrs. G.M.T. of the same day

When ever 999 is given RRR see the summary bove for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 6th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV $_{w\ w}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{wc}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BAY OF BENGAL ...	99 1 88	10 9 00	06 0 03	82 0 15	96 1 52	03 0 26	25 2 0/	...	...	...	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PoPoPoToToToDoDo	1000$_{mb}$	850$_{mb}$	700$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$	70$_{mb}$	50$_{mb}$	30$_{mb}$
		hhh TTT$_s$ DD												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	998 260 18	...	431 176 13	033 106 39	577 037 50	...	964 267 7/	242 515 //	423 553	662 787 //	...	...	...
Dacca ...	00 00	999 260 09	...	400 186 15	057 110 32	580 035 58	753 123 66	967 277 6/	246 481 //	430 673 //	672 771 //	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	997 270 37	...	400 220 35	099 178 69	586 051 69	758 338 //	971 261 //	244 ///	439 55/ //	...	...	...	...
Multan ...														
Peshawar ...	00 00	954 204 35	...	350 268 50	062 174 //	585 010 //	762 073 //	980 215 //	266 429 //	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	977 280 30	...	...	MISDA	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PiPP TTT$_s$ DD							Max. Wind Speed	TROPOPAUSE: First	Transition	Second	Transition
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	541 000 30	092 803 //	...	...	...	...	...	...	...	...	...	...
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms a.s.l.—>	At 1200 hrs. G.M.T. † of Previous day (ddff)									At 0000 hrs. G.M.T. † of date (ddff)						At 0600 hrs. G.M.T. † of date (ddff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 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
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chakfala ...	...	115 01	145 01	265 04	285 04	320 09	300 15	273 51	...	...	110 09	110 09	165 08	243 13	275 14	...	110 04	140 06	110 02	285 04	225 06	...	...	...	...	...
Chhor ...	220 20	220 23	210 21	...	205 19	...	...	...	...	205 22	205 21	210 23	190 16	160 12	090 14	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	190 17	195 17	200 15	215 11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	145 11	170 11	170 09	230 11	230 09	275 05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	285 04	300 06	295 10	303 21	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	180 03	190 07	180 07	190 03	180 07	160 03	265 14	315 19	305 21	...	...	...	230 04	...	250 05	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	225 11	215 10	205 06	005 10	355 10	305 10	...	...	...	225 04	201 02	135 10	...	...	...	225 40	200 20	135 10	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	215 05	212 59	270 53	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	120 01	095 03	070 04	235 02	220 03	290 03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jahurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	150 07	165 11	185 12	235 09	275 13	305 25	330 23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	170 19	145 22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	250 17	250 19	255 21	...	...	...	...	...	...	170 08	170 06	265 07	305 14	325 08	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	225 12	230 15	230 15	225 18	...	175 11	...	115 11	...	255 08	265 31	255 30	330 20	210 25	040 23	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	275 01	115 01	120 02	155 05	180 07	...	...	...	...	250 12	245 14	235 18	270 14	325 17	340 27	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	210 18	210 19	...	225 17	225 15	280 09	310 08	...	...	195 21	205 26	210 37	240 20	265 23	225 15	190 06	200 05	215 08	270 15	...	...	...	...	...	...	...
Multan ...	195 21	200 23	205 18	230 06	260 08	025 27	...	...	...	...	...	...	210 03	...	...	200 15	205 17	205 20	200 19	240 05	330 13	265 11	...	...	...	...
Nawab Shah ...	...	...	325 05	005 03	035 02	050 03	351 08	310 09	290 09	...	...	...	...	...	...	210 09	230 04	250 02	350 06	015 15	055 12	...	...	...	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...	340 31	310 14	305 12	310 10	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	030 09	070 07	140 11	185 13	275 12	296 18	325 30	335 26	...	...	...	...	...	...	...	025 04	340 02	330 06	295 11	295 07	330 16	...	330 17	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	/// //	315 08	015 13	270 18	281 81	...	...	...	...	...	260 06	290 08	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	165 07	195 06	190 05	240 05	325 09	340 06	315 15	315 12	300 06	230 03	230 10	235 12	240 12	230 09	255 09	190 03	195 04	205 02	200 09	300 13	315 08	265 10	...	250 10	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V_r V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

~~hhh—(heights)—Tens of geopotential metres.~~

TT—Dry Bulb temperatures in °C.

Ts—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures

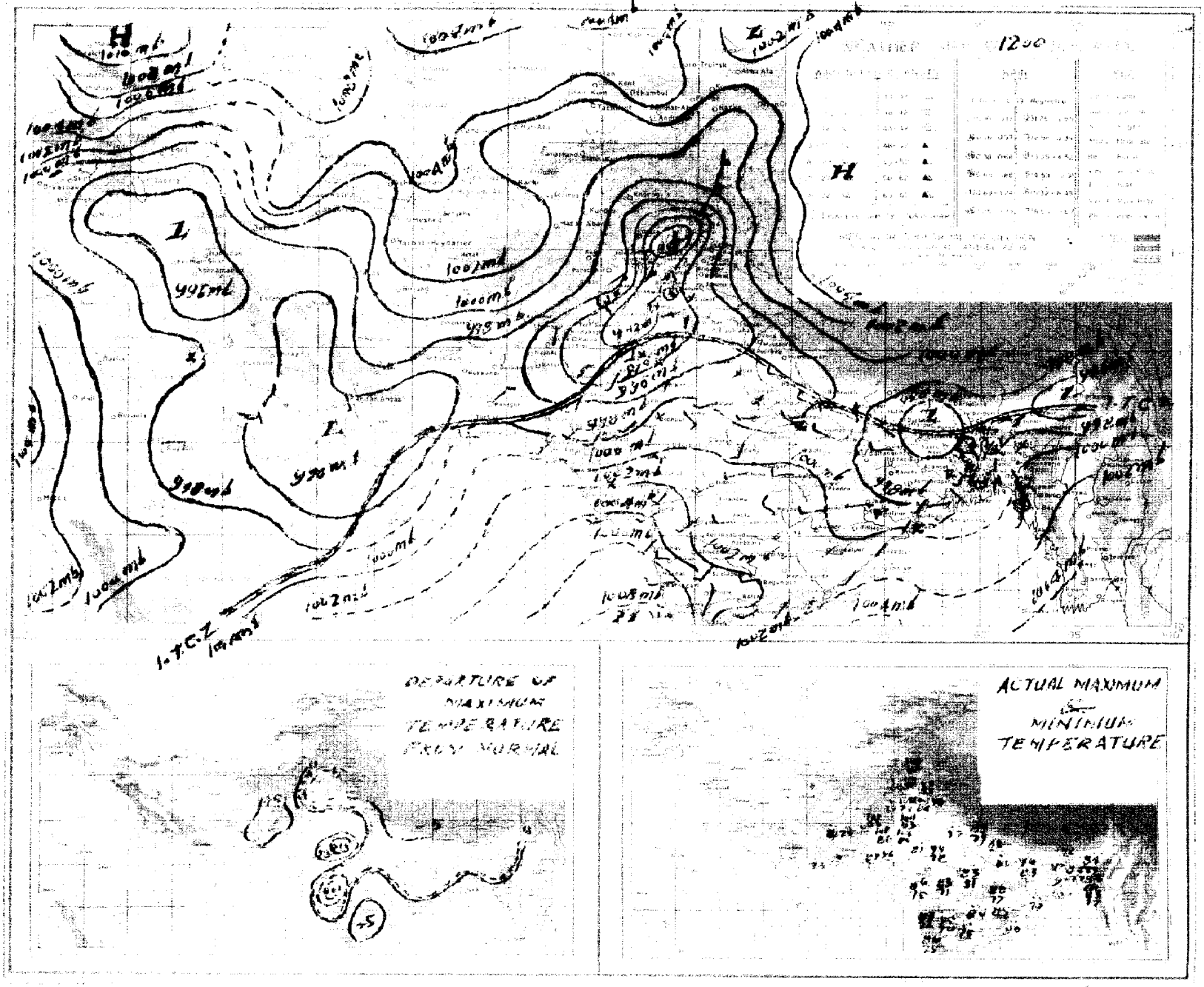
The actual time of observations may vary within h if an hour of the specified time

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "ff" in knots or in knots increased by 500

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

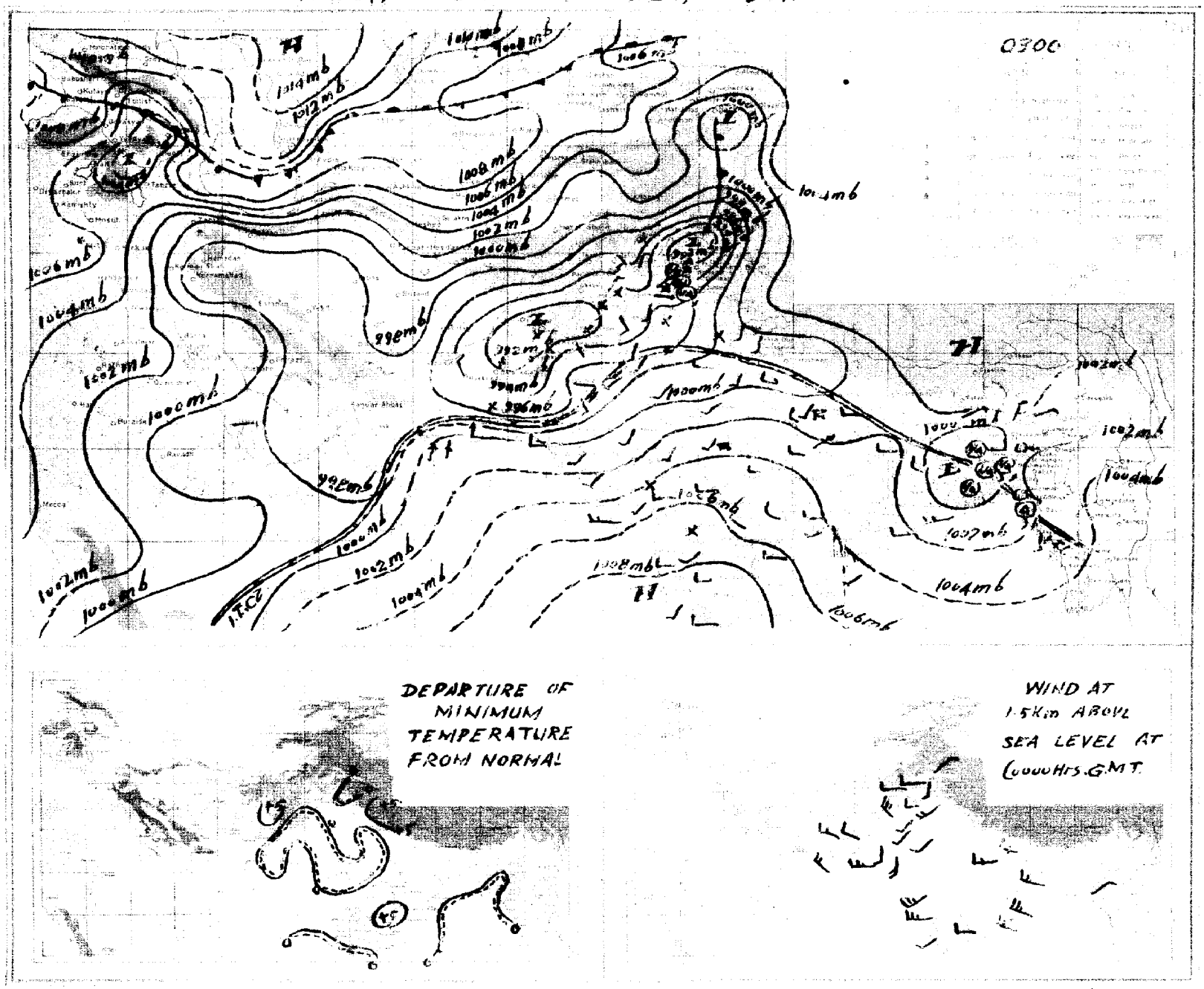
PAKISTAN DAILY WEATHER MAP

THURSDAY 5TH AUGUST 1971.



PAKISTAN DAILY WEATHER MAP

FRIDAY 6th AUGUST, 1971.



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

FRIDAY THE 6th AUGUST, 1971.

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

Yesterday's low over Bihar which was bordering East Pakistan last evening has moved further eastwards and now lies over Rajshahi division and adjoining areas. Rain/thundershowers have been local in Chittagong division and scattered elsewhere over East Pakistan.

Yesterday's feeble westerly trough over Kashmir has moved slightly eastwards.

The secondary western disturbance over East Russian Turkistan which lay north of Kashmir last evening has also moved eastwards.

Fairly widespread rain/thundershowers have occured in Rawalpindi division. Scattered thunderstorms have also been reported from Peshawar division and light rain/drizzle from Lahore and Hyderabad divisions.

Chief amounts of rainfall are Cox's Bazar 9", Rawalpindi 3/4" and Faridpur, Satkhira, Bogra, Jhelum and Murree ¼" each.

Day temperatures were 3 – 8 °F (2 – 4 °C) above normal in Malakand, Peshawar, Quetta and northern Kalat divisions and were 3—5 °F (2—3 °C) below normal in Lahore and Khairpur divisions and at a few stations in Chittagong, Rawalpindi and Sargodha divisions each.

Forecast valid until the evening of the 7th August, 1971 :—Rain/thundershowers will be fairly widespread over East Pakistan and scattered in Rawalpindi, Malakand and Peshawar divisions and in Kashmir.

Light rain/drizzle may also fall in Lahore, Multan, Karachi, Hyderabad and coastal Kalat divisions.

Karachi-32
The 6th August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather (Ws)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility (VV)	Present weather (ww)	Past weather (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form (CL)	Height of Lowest Cloud (h)	Medium Cloud form (CM)	High Cloud form (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather (Ws)	Total Cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility (VV)	Present weather (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (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, 1971 to-date	Departure from normal	Since 1st January, 1971 to-date	Annual Normal
	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	012	5	7	13	05	96	60	6	016	81	6	7	4	4	/	77	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
	Cox's Bazar	327	9	8	22	05	96	60	6	004	77	6	5	3	4	0	77	83	927	9	5	18	10	96	03	5	015	80	5	4	2	0	...	77	77	— 3	+ 1				140
	Chittagong	007	5	7	13	03	96	21	6	000	83	6	7	3	2	0	77	88	013	9	6	13	12	96	02	6	011	83	4	4	4	3	0	73	...	+ 2	—				108
	Maijdee Court	020	6	4	18	02	97	03	6	994	83	3	2	5	2	/	79	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2	—				115
	Comilla	000	0	0	13	05	96	01	0	997	83	0	0	9	0	0	79	88	000	0	5	00	00	96	02	0	003	85	4	4	5	3	0	79	77	+ 1	0				94
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				78
	Sylhet	003	9	7	00	00	96	02	2	989	83	5	4	5	2	/	79	84	012	9	8	09	02	96	02	6	012	85	5	4	5	/	/	79	73	—	—				—
	Srimangal	012	9	3	16	09	96	01	6	993	83	0	0	5	4	/	79	88	012	9	3	13	02	96	02	6	011	85	0	0	5	4	2	79	77	— 3	+ 1				98
Dacca	Mymensingh	033	/	5	00	03	97	02	6	018	83	5	5	4	0	0	79	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4	—				91
	Narayanganj	005	2	8	23	03	95	03	6	982	84	3	7	3	/	/	81	84	000	0	4	13	02	97	02	2	002	7	3	6	6	3	1	79	79	— 4	0				74
	Dacca (Tejgaon)	003	6	8	18	05	96	91	6	935	83	7	9	3	2	/	79	88	018	0	8	20	03	/	/	/	997	84	2	2	5	3	0	81	84	— 4	—				—
	Faridpur	000	0	7	20	02	97	02	2	004	83	5	4	5	1	0	81	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					71
Khulna	Barisal	002	9	6	21	05	96	03	5	984	...	4	4	4	7	1	80	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						81
	Khulna	025	3	4	00	00	97	02	0	974	88	2	2	4	0	0	81	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				60
	Satkhira	020	2	4	15	04	97	03	6	934	83	4	3	9	0	0	74	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						65
	Jessore	042	2	8	23	03	94	95	6	979	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						65
Rajshahi	Pabna	...																																							59
	Sirajganj	...																																							64
	Rajshahi	000	0	6	13	02	96	02	0	963	89	4	2	5	3	2	81	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
	Bogra	026	1	7	13	03	96	21	6	972	81	5	5	4	7	0	81	8	026	0	7	09	02	96	02	2	9.8	85	3	3	4	7	0	79	80	0	+ 1				69
	Dinajpur	...																																							72
	Rangpur	000	0	3	09	02	96	01	2	022	88	3	0	9	/	0	81	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Jail Rd.)	000	0	5	16	13	97	03	1	931	96	2	1	7	2	7	79	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—	8.4	+ 0.5	11.5	19
	Sialkot	000	0	4	00	00	98	01	0	947	92	4	5	6	0	0	73	93	005	0	8	00	00	98	02	2	964	80	2	5	5	2	/	77	77	—	— 2	17.2	+ 5.1	24.0	32
Rawalpindi	Jhelum	000	0	4	13	02	97	01	1	934	95	2	1	7	1	0	80	97	031	0	0	27	02	97	03	2	943	79	3	5	6	1	/	76	75	—	—	7.5	—	12.2	—
	Islamabad	...																																							—
	Rawalpindi	007	0	1	00	00	97	01	1	922	95	1	1	6	0	0	78	96	007	6	2	00	00	97	01	9	955	78	1	9	6	3	0	75	73	+ 1	— 3	24.4	+ 13.4	26.6	36
	Campbellpur	000	0	0	09	03	98	09	0	[illegible]	97	0	0	9	0	0	97	98	000	0	0	23	01	97	00	0	[illegible]	81	0	0	9	0	0	[illegible]	70	—	—				—
Sargodha	Khushab	000	0	0	05	03	97	05	0	022	04	0	0	9	0	0	75	06	000	0	0	13	05	97	06	0	041	90	0	0	9	0	0	77	[illegible]	+ 5	—	5.2	— 0.7	7.2	15
	Sargodha	007	0	1	18	05	96	06	0	926	03	1	1	6	0	0	75	06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	3.2	—	7.2	—
	Lyallpur	000	0	6	07	02	97	02	1	933	98	6	4	9	0	0	72	04	000	0	0	00	00	97	00	0	951	87	0	0	9	0	0	74	84	+ 5	— 4	6.3	+ 0.7	9.5	12
Multan	Sahiwal	...																																							10
	Multan	000	0	0	18	07	96	06	0	932	02	0	0	9	0	0	73	04	000	0	0	18	18	96	07	0	950	85	0	0	9	0	0	75	83	+ 2	0	1.9	— 1.1	2.4	7
	Lodhi	000	0	0	36	12	95	03	0	923	03	0	0	9	0	0	75	03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
Bahawalpur	Khanpur	000	0	0	23	06	96	02	0	931	01	0	0	9	0	0	74	02	000	0	2	23	10	96	07	0	967	83	0	0	9	0	1	75	80			1.1	— 2.1	1.5	8
	Bahawalpur	000	0	0	00	00	96	03	0	967	02	0	0	9	0	0	72	02	000	9	1	23	04	95	07	5	966	86	0	0	9	0	6	73	84			0.0	— 3.1	0.2	6
	Fort Abbas	...	/	0	23	04	98	00	0	976	14	0	0	9	0	0	93	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
Malakand	Chakdara	000	0	2	27	07	97	03	1	893	96	2	1	7	0	0	80	98	000	0	4	09	05	96	03	2	923	83	2	1	7	0	8	77	79	—	—	4.8	—	7.6	—
Peshawar	Peshawar	000	0	4	07	12	97	03	0	915	94	2	3	6	0	4	82	10	000	0	1	36	05	97	02	0	934	06	1	0	9	3	0	78	83	+ 10	+ 4	3.9	+ 1.9	12.4	11
	Hoti	...																																							—
D.I. Khan	Bannu	003	0	3	20	01	99	02	1	940	01	0	0	9	0	5	76	01	000	0	3	00	00	99	03	1	954	88	0	0	9	0	5	80	84			0.6	—	2.9	11
	D.I. Khan	000	0	0	8	13	97	02	0	926	02	0	0	9	0	0	79	03	000	0	0	13	03	96	05	0	937	88	0	0	9	0	0	78	84	+ 2	+ 2	0.5	— 2.7	3.3	9
Quetta	Sibi	...																																							5
	Nokkundi	...																	000	0	0	31	02	96	02	4	972	97	0	0	9	0	0	57	89			0.0	—	0.0	—
Kalat	Turbat	000	0	0	25	02	93	00	0	026	02	0	0	9	0	0	72	02	000	0	0	18	02	98	00	0	055	86	0	0	9	0	0	69	81	—	—	0.0	—	0.0	—
	Jiwani	...																	000	0	6	18	02	96	03	1	010	81	6	6	5	0	0	74	78			0.0	—	1.5	5
	Pasni	...																	000	0	0	18	02	97	02	0	944	76	0	0	9	0	0	69	70	—	— 6	0.0	— 0.8	0.0	6
	Ormara	000	0	1	27	14	96	02	2	963	06	1	6	6	0	0	76	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.8	+ 0.1	0.8	6
	Lasbela	...																	///	0	6	00	00	98	00	0	005	82	0	0	9	0	0	78	81			0.0	—	0.0	—
Karachi division	Karachi (Manora)	...																	000	0	7	27	14	96	03	0	007	82	7	6	4	1	1	77	81						8
	Karachi (Airport)	000	0	7	13	14	96	02	2	989	05	9	6	5	0	0	77	87	000	0	7	27	10	96	02	5	005	83	5	6	5	3	0	78	[illegible]	—	—	1.3	—	1.5	—
Hyderabad	Nagarparkar	...																																				0.0	—	0.0	—
	Chhor	000	0	6	23	14	96	02	2	978	09	6	5	6	0	0	75	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			2.0	—	3.7	7
	Hyderabad	000	0	7	23	07	97	03	2	975	91	2	0	9	3	1	73	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1		0.9	— 2.9	0.9	9
	Badin	000	0	7	23	12	97	02	2	995	87	3	4	6	2	0	74	90	000	0	5	23	10	96	01	1	005	82	5	6	5	0	0	75	80	—	—	0.4	— 3.7	0.4	—
Khairpur	Padidan	000	0	2	13	00	96	02	0	939	08	0	0	9	0	1	74	[illegible]	000	0	0	33	05	96	02	0	960	85	0	0	9	0	0	73	82			0.2	—	0.2	—
	Nawabshah	...																	000	0	5	16	09	96	03	0	964	85	0	0	9	0	2	76	81			0.6	—	0.6	4
	Sukkur	000	0	7	20	05	96	03	1	976	81	7	0	6	0	0	78	92	000	0	6	13	05	96	03	0	964	84	6	0	9	6	0	75	81	—	—	2.2	—	2.2	—
	Kashmore	000	0	0	31	02	96	02	0	963	01	0	0	9	0	0	76	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	—	0.0	4
	Jacobabad	000	0	0	03	09	96	05	0	931	02	0	0	9	0	0	73	03	000	0	4	09	05	96	05	0	963	85	0	0	9	0	4	[illegible]	84	— 3	+ 1	2.5	+ 1.0	2.6	—
Junagadh	Veraval	...																																							20 26
	HILL STATIONS																																								—
Kashmir	Srinagar *	...																																							71
	Gulmarg *	...																																							26
	Sonamarg *	...																																							3
	Dras *	...																																							6
	Leh *	...																																							—
	Skardu *	...																																							—
	Minagar *	...																																							5
	Alisbad *	...																																							59
	Gilgit *	...																																							18
Rawalpindi	Murree *	...	003	4	7	13	02	97	02	6	406	72	7	9	3	0	0	67	72	020	9	9	13	02	90	61	9	411	65	9	/	0	/	/	63	62	— 3	— 1	21.2	+ 7.8	35.5	29
Malakand	Drosh *	...	000	0	1	23	12	98	06	0	335	00	/	1	7	0	0	48	04	000	0	1	00	00	98	06	0	391	85	1	1	7	0	0	65	80	+ 9	+ 7	1.3	—	9.8	—
Peshawar	Cherat *	...																																							—
	Kakul *	...	001	0	2	16	05	96	01	1	404	84	2	2	5	0	0	68	85	002	0	6	09	02	97	01	9	400	74	4	3	5	3	2	71	71			17.6	—	32.6	29
	Landikotal *	000	0	6	09	05	97	02	2	387	89	7	2	/	3	0	73	96	000	0	1	09	05	98	02	0	413	84	1	0	/	0	3	76	77			5.3	—	18.9	13
	Parachinar *	...																	002	0	0	05	02	97	02	0	406	75	0	0	9	0	0	58	69	—	+ 4	4.8	—	12.4	11
D.I. Khan	Miranshah *	...	000	0	6	05	05	97	00	0	388	94	6	0	9	0	2	73	95	000	0	0	05	05	99	00	0	379	85	0	0	9	0	0	74	[illegible]			0.0	— 2.9	1.9	13
	Wana *	...	010	0	2	13	02	98	00	0	400	80	2	5	8	0	0	77	95	000	0	0	00	00	98	00	0	399	81	0	0	9	0	0	74	72	—	—	0.3	—	0.9	—
Quetta	Fort Sandeman *	...																		000	0	0	23	02	96	05	0	338	82	0	0	9	0	0	65	67	—	+ 3	5.1	+ 2.1	2.9	9
	Hindubagh *	...																																							—
	Loralai *	...																																							14
	Barkhan *	...																																							9
	Harnai *	...																																							8
	Samungli (Quetta) *	...	000	0	0	36	07	97	02	0	392	98	0	0	9	0	0	68	00	000	0	0	13	01	97	02	0	385	83	0	0	9	0	0	75	81			0.0	— 4.4	0.0	—
	Chaman *	...																	000	0	2	00	00	97	03	0	418	78	0	0	9	0	0	45	66	— 7	— 1	0.4	— 0.2	3.2	—
	Nushki *	...																	000	0	0	00	00	98	00	0	484	76	0	0	9	0	0	60	60	—	+ 6	0.0	— 0.1	1.3	—
	Dalbandin *	...																	000	0	0	00	00	95	06	0	458	87	0	0	9	0	0	34	[illegible]			0.0	—	1.1	4
																			000	0	0	36	02	97	02	0	414	86	0	0	9	0	0	80	76	—	— 4	0.0	— 0.2	0.7	7
Kalat	Kalat *	...																	000	0	0	36	02	93	00	2	413	75	0	0	9	0	0	48	[illegible]	—		0.0	— 0.8	0.4	—
	Khuzdar *	...																	000	0	5	00	00	95	05	0	403	80	0	0	9	0	0	69	77			0.8	—	1.1	5
	Panjgur +	...	000	0	4	05	03	95	05	0	407	75	0	0	9	0	0	90	06	000	0	2	00	00	96	02	0	419	78	0	0	9	0	0	75	75	+ 5	0	0.0	—	0.1	—

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 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

When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 6th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$	N dd	FF	VV_{ww}	W	PPP	TT	$N_hC_LhC_MC_H$	D_sV_sa	PP	7RR	t_Rt_R	$8N_sC_bh_s$	$O1_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5		6		7		8	9		10		11	12	13	14	15
BAY OF BENGAL ...	99 / 88	10 9 00	06 0 03	82 0 15		96 1 52		03 0 26		25 2 0/	...		...		...	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000mb	850mb	700mb	500mb	400mb	300mb	200mb	150mb	100mb	70mb	50mb	30mb
		PoPoPoToToToDoDo	hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	998 268 18	...	431 176 13	033 106 39	577 037 50	...	964 267 7/	242 515 //	423 553 //	662 787 //	...	...	...
Dacca ...	00 00	999 268 09	...	400 186 15	057 110 32	580 035 58	753 123 66	967 277 61	246 481 //	430 623 //	672 771 //	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	997 270 37	...	400 220 35	099 178 69	586 051 69	758 338 //	971 261 //	244 // //	439 55/ //	...	...	...	...
Multan ...														
Peshawar ...	00 00	954 204 35	...	350 268 50	063 174 //	585 010 //	762 073 //	980 215 //	266 429 //	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	977 280 30	...	...	MISDA	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PtP TTTa DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
16	17	18	19	20	21	22	23	24	PmPmPmdmdmdmfmfmfm 25	PcPcPcTcTcTcTac 26	dtdtdtftftft 27	PcPcPcTcTcTcTc 28	dt dt ft ft ft 29
Chittagong ...	00 00	541 000 20	092 803 //	...	...	...	...	...	...	...	...	...	...
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms a.s.l.-->	At 1200 hrs. G.M.T. † of Previous day (dddff) 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 (dddff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dddff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 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
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaldala ...	...	115 01	145 01	265 04	285 04	320 09	300 15	273 51	...	...	110 09	110 09	165 08	243 13	275 14	...	110 04	140 06	110 02	285 04	225 06	...	...	...	...	...
Chhor ...	220 20	220 23	210 21	...	205 19	...	...	...	...	205 22	205 21	210 23	190 16	160 12	090 14	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	190 17	195 17	200 15	215 11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cheraf ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	145 11	170 11	170 09	230 11	230 09	225 01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	180 03	190 07	180 07	160 03	180 07	180 03	255 14	315 19	305 21	...	...	215 04	305 16	295 10	303 24	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	225 11	215 10	205 06	005 10	355 10	305 10	...	...	...	230 04	...	250 05	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	225 04	20 02	135 10	...	...	...	215 40	200 20	135 10	...	...	...	...	...
Gilgit ...	...	...	...	120 01	095 03	070 04	235 02	220 03	290 03	...	...	...	215 05	2.2 59	270 53	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	150 07	165 11	185 12	235 09	275 13	305 25	330 23	...	...	170 08	170 06	285 07	305 14	325 00	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	170 19	145 22	...	...	...	...	...	...	...	255 08	265 21	255 30	330 20	210 25	040 23	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	250 17	250 19	255 21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	225 12	230 15	230 15	225 18	...	175 11	...	115 11	...	...	...	...	270 14	325 17	340 27	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	250 12	245 14	235 18	240 20	265 23	225 15	190 06	200 05	215 08	270 15	...	...	...	...	...	...	...
Lahore ...	275 61	115 01	120 02	155 05	180 07	...	...	...	...	195 21	205 26	210 37	210 03	...	...	200 15	205 17	205 20	200 19	240 05	330 13	265 11	...	...	...	...
Multan ...	210 18	210 19	...	225 17	225 15	280 09	310 08	...	...	...	...	...	...	...	...	210 09	230 04	250 02	350 06	015 15	055 12	...	...	...	...	...
Nawab Shah ...	195 21	200 23	205 18	230 06	260 06	025 27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nokkundi ...	...	...	325 05	005 03	035 02	050 03	351 08	310 09	290 09	...	...	340 31	310 14	305 12	310 10	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	025 04	340 02	330 06	295 11	295 07	330 16	...	330 17	...	...
Peshawar ...	...	030 09	070 07	140 11	155 13	275 12	296 18	325 30	335 26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	//// //	315 08	015 13	270 18	301 81	...	...	...	...	...	260 06	290 08	190 03	195 04	205 02	200 09	200 13	315 08	265 10	...	250 10	...	...
Sargodha ...	185 07	195 06	190 05	240 05	325 09	340 06	315 15	315 12	300 06	230 03	230 10	235 12	243 12	230 09	255 09	...	...	...	...	...	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V, V, etc.)

PPP—Pressure in hundreds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

T_a—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures

The actual time of observations may vary within ½ hr of an hour of the specified time

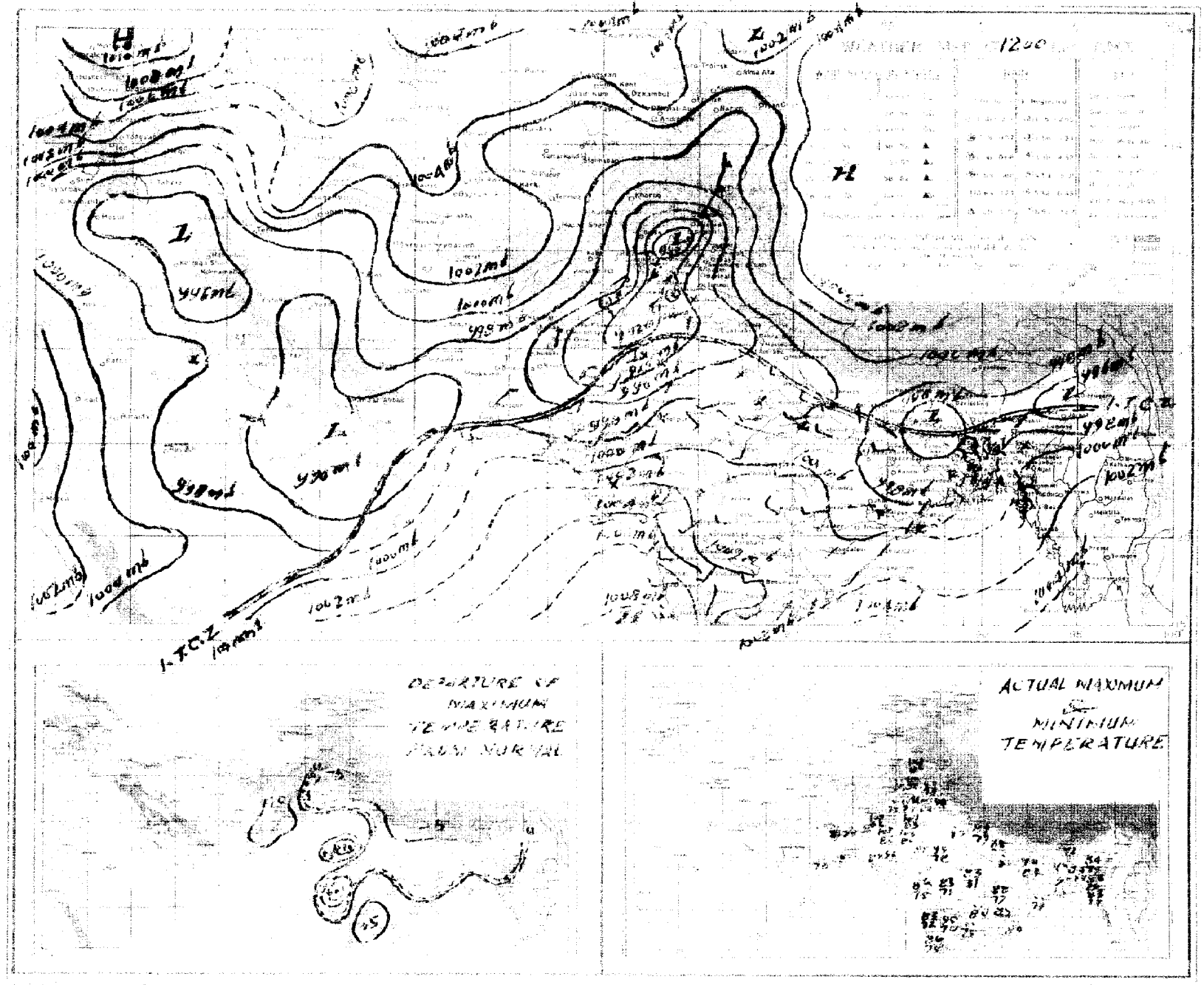
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East

The next three figures give the wind speed "ff" in knots or in knots increased by 500

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

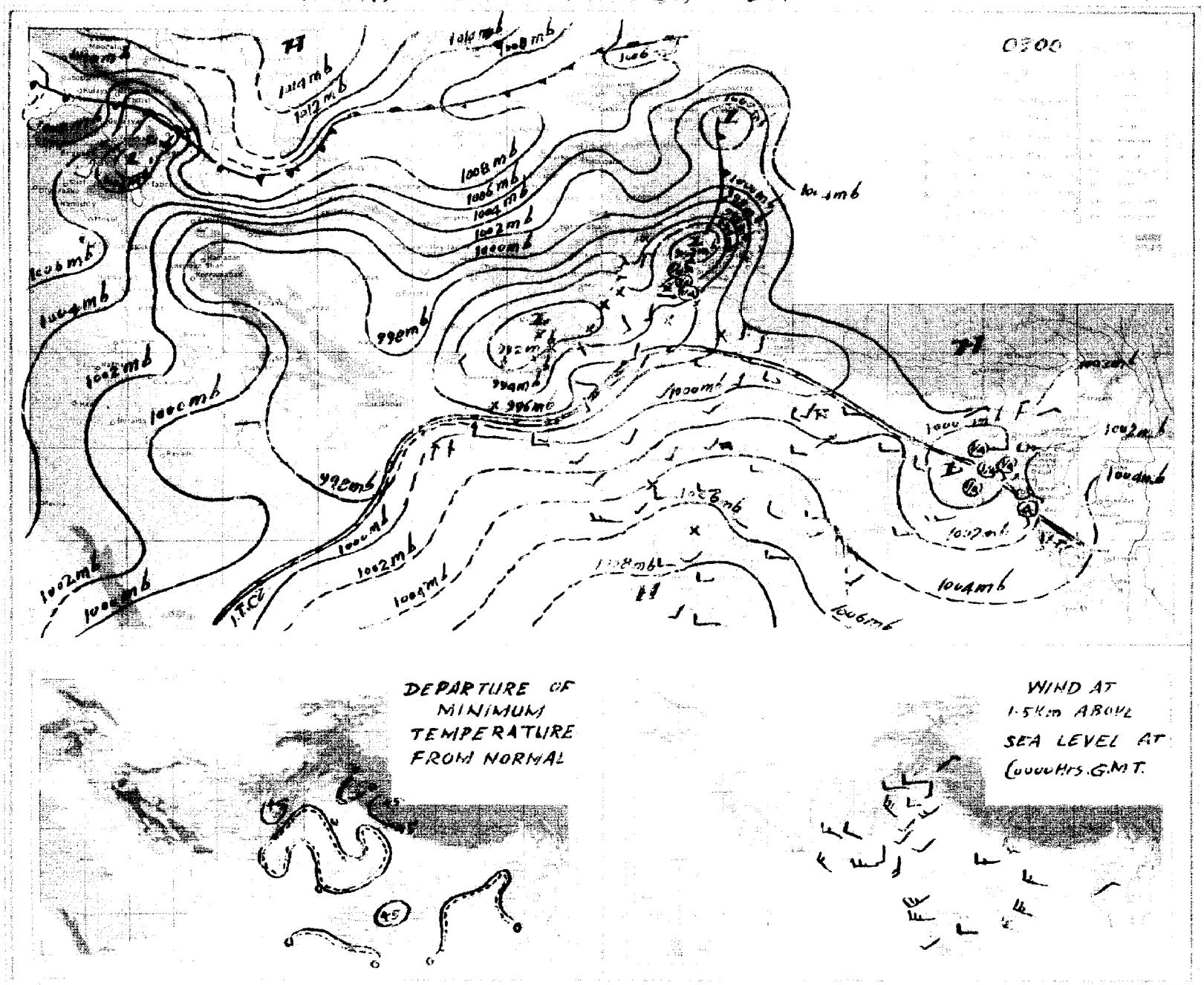
PAKISTAN DAILY WEATHER MAP

THURSDAY 5TH AUGUST 1971.



PAKISTAN DAILY WEATHER MAP

FRIDAY 6th AUGUST, 1971.



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

SATURDAY THE 7th AUGUST, 1971.

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

Yesterday's low pressure area over Rajshahi division has moved away northeastwards.
A low pressure area now lies over southern areas of East Pakistan and adjoining north Bay of Bengal.
Rain/thundershowers have been local in Chittagong division and scattered elsewhere over East Pakistan.
Yesterday's feeble westerly low pressure wave over Kashmir is moving away eastwards.
The secondary western disturbance over East Russian Turkistan has moved away eastwards. Another secondary western disturbance today lies north of Afghanistan.
Rain/thundershowers have been local in Peshawar and Malakand divisions and scattered in Rawalpindi division. Drizzle has also fallen in Karachi division.
Chief amounts of rainfall are Haripur 2", Murree 1¼", Kakul ½" and Cox's Bazar, Maijdee Court, Sylhet, Mymensingh and Chakdara ¼" each.
Day temperatures were 4—7 °F (2—4 °C) below normal in Lahore and Rawalpindi divisions and generally 3—5 °F (2—3 °C) above normal in Peshawar and Quetta divisions and at some stations in Kalat division.

Forecast valid until the evening of the 8th August, 1971 :—Rain/thundershowers will be local over East Pakistan and scattered in Rawalpindi, Malakand, Peshawar and Lahore divisions and in Kashmir. A few falls of drizzle are also likely over coastal Kalat, Karachi and Hyderabad divisions.

OBSERVATIONS

Karachi-32
The 7th August, 1971.

ARSHAD NOOR KHAN
for Director Meteorological Services.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Winds speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature°	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F
		RRR	Wc	N	dd	ff	VV	ww	W	PPP	TT	Nh	GL	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	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cox's Bazar	080	4	8	18	09	96	02	5	978	83	4	5	4	4	0	79	83
	Chittagong	000	0	6	13	12	96	02	1	980	83	5	4	4	0	0	77	88
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Comilla																	
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sylhet	000	0	5	00	00	97	03	2	960	86	2	3	5	1	0	79	//
	Srimangal	000	0	0	00	00	96	02	0	978	90	0	0	9	0	0	83	90
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dacca (Tejgaon	000	0	6	00	03	97	02	2	973	88	4	9	5	0	1	79	90
	Faridpur	000	0	5	18	02	96	02	0	004	88	2	4	5	1	0	77	90
Khulna	Barisal	030	8	5	09	02	96	01	2	967	87	2	4	4	0	/	76	90
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi	Pabna																	
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajshahi	000	0	4	13	02	96	02	0	965	32	0	0	9	0	0	79	89
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinajpur																	
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore	Lahore (Jail Rd.)	000	0	7	16	05	96	06	2	953	89	2	7	5	2	0	77	91
	Sialkot	000	0	8	09	02	97	02	2	958	77	3	5	5	2	1	81	90
Rawalpindi	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Islamabad																	
	Rawalpindi	000	0	5	13	07	97	01	2	939	18	3	8	6	0	1	78	91
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha	Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sargodha	000	0	2	13	03	95	05	6	931	97	2	5	6	3	0	77	03
	Lyallpur	000	0	0	23	02	97	00	0	943	90	0	0	9	0	0	81	98
Multan	Sahiwal																	
	Multan	000	0	0	18	07	96	05	0	926	01	0	0	9	0	0	76	01
	Leiah																	
Bahawalpur	Khanpur	000	0	0	23	07	96	02	0	925	01	0	0	9	0	0	72	02
	Bahawalpur	000	0	0	00	00	96	01	0	917	01	0	0	9	0	0	64	01
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malakand	Chakdara	000	0	3	27	07	95	03	1	885	97	3	2	7	0	0	79	98
Peshawar	Peshawar	000	0	0	36	03	97	02	...	903	95	3	3	6	2	1	80	03
	Haripur	000	3	4	31	03	97	03	2	961	94	4	1	6	0	0	89	96
D.I. Khan	Bannu	000	0	5	13	02	98	07	2	929	03	0	0	9	0	7	79	//
	D. I. Khan	000	0	3	8	07	96	05	0	925	00	0	0	9	0	1	82	01
Quetta	Sibi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nokkundi	000	0	0	31	24	95	05	4	904	09	0	0	9	0	0	67	10
Kalat	Turbat	000	0	0	23	04	98	00	0	025	00	0	0	9	0	0	74	00
	Jiwani	000	0	2	18	10	96	02	1	984	83	2	6	5	0	0	74	87
	Pasni	000	0	0	27	02	97	00	0	///	76	0	0	9	0	0	76	//
	Ormara	000	0	1	27	12	96	04	4	578	85	1	6	6	0	0	76	87
	Lasbela	///	0	0	18	02	98	00	0	969	00	0	0	9	0	0	04	02
Karachi division	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Airport)	000	7	8	27	16	96	02	5	990	63	5	6	4	2	/	77	84
Hyderabad	Nagarparker																	
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hyderabad	000	0	2	23	10	97	03	1	970	90	2	5	6	0	0	73	94
	Badin	000	0	7	23	14	97	03	2	987	87	5	4	6	2	0	63	89
Khairpur	Padidan	000	0	0	13	07	96	01	0	920	04	0	0	9	0	0	72	7/
	Nawabshah	000	0	1	18	14	96	01	1	941	01	1	0	9	1	/	78	03
	Sukkur	000	0	7	23	14	97	03	2	987	87	5	4	6	2	0	63	03
	Kashmore	000	0	0	23	02	98	02	0	961	00	0	0	9	0	0	76	01
	Jacobabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Junagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	HILL STATIONS																	
Kashmir	Srinagar *	...																
	Gulmarg *	...																
	Sonamarg *	...																
	Dras *	...																
	Leh *	...																
	Skardu *	...																
	Misgar *	...																
	Aliabad *	...																
	Gilgit *	...																
Rawalpindi	Murree *	...	024	5	8	05	05	95	03	6	395	73	8	2	5	2	/	69
Malakand	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chitral *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kakul *	...	000	0	5	23	03	95	05	1	395	84	4	3	5	0	3	73
	Landikotal *	...	000	0	6	09	05	97	02	2	387	89	6	2	/	3	0	73
	Parachinar *	...	000	0	3	13	02	97	02	0	326	86	3	8	0	0	0	69
D.I. Khan	Miranshah *	...	...	...	...	...	...	...	...	...	400	82	0	0	9	0	0	76
	Wana *	...	000	0	0	13	04	98	00	0	363	01	3	0	9	2	1	53
Quetta	Fort Sandeman *	...	000	0	2	23	02	96	05	0	///	93	0	0	9	0	0	//
	Hindubagh *	...	000	0	0	25	25	95	05	0								
	Loralai *	...																
	Barkhan *	...																
	Harnai *	...	000	0	0	13	01	96	02	0	394	97	0	0	9	0	0	81
	Samungli (Quetta) *	...	000	0	4	31	14	96	03	0	382	95	4	0	9	0	1	76
	Chaman *	...	000	0	/	//	19	96	00	0	438	02	0	0	9	0	0	63
	Nushki *	...	000	0	0	27	09	94	06	0	452	05	0	0	/	0	0	46
	Dalbandin *	...	000	0	0	23	10	96	02	0	414	08	0	0	9	0	0	//
Kalat	Kalat *	...	000	0	0	31	09	92	00	2	392	88	0	0	9	0	0	63
	Khuzdar *	...	000	0	4	31	14	96	03	0	384	01	0	0	9	0	1	51
	Panjgur *	...	000	0	1	31	10	96	01	0	415	05	0	0	9	0	1	37

DIVISIONS	STATIONS	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	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum temperature	Rainfall: Since 1st June, 1971 to-date	Departure from normal	Since 1st January, 1971 to-date	Annual Normal
		RRR	Wc	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
	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	020	3	4	13	05	97	02	6	983	83	2	5	5	3	0	79	78	—	—				—
	Cox's Bazar	020	9	7	13	11	96	02	2	981	83	4	4	4	3	0	76	77	— 2	— 1				140
	Chittagong																		+ 2					108
	Maijdee Court	030	9	4	18	02	97	01	2	984	84	2	2	5	2	0	83	79	—	+ 2				115
	Comilla																							94
	Brahmanbaria																							78
	Sylhet	020	0	7	13	02	97	01	6	994	83	1	5	5	3	0	77	77	—	—				—
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					98
Dacca	Mymensingh	020	0	8	23	02	97	02	6	056	81	8	7	4	0	0		76	—	— 2				91
	Narayanganj	000	0	8	03	03	97	02	2	992	84	8	6	3			76	81	—	+ 2				74
	Dacca (Tejgaon	000	0	7	09	05	97	02	2	969	84	3	8	4	4	0	77	81	—	—				—
	Faridpur	000	0	6	11	05	97	02	2	998	86	5	4	5	1	0	83	81	+ 3	+ 2				71
Khulna	Barisal	014	5	/	/	/	97	02	6	97.	84	5	8	4	1	1	81	81	+ 3	+ 3				81
	Khulna	005	8	6	36	04	97	03	2	979	83	4	7	9	0	0	79	79	—	—				68
	Satkhira	000	0	7	05	09	96	03	2	979	88	4	2	9	/	/	79	81	—	+ 2				65
	Jessore																							65
Rajshahi	Pabna																							59
	Sirajganj																							64
	Rajshahi	005	1	8	03	02	96	03	2	939	83	6	5	4	3	0	81	81	—	+ 2				—
	Bogra																							69
	Dinajpur	036	0	2	09	05	96	01	2	058	/ /	2	0	9	1	0	81	81	—	+ 3				72
	Rangpur																							84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
Lahore	Lahore (Jail Rd.)	000	0	5	27	02	96	06	1	962	85	3	0	9	1	1	85	81	— 7	+ 1	8.4	+ 0.2	11.5	19
	Sialkot	000	0	8	09	02	97	02	0	573	81	4	5	6	2	/	77	79	— 5	0	17.2	+ 3.9	24.0	32
Rawalpindi	Jhelum	000	0	8	13	02	96	02	2	967	82	4	5	/			77	78	—	—	12.7	—	17.3	—
	Islamabad																		—	—	—			—
	Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4	—	19.3	+ 7.0	19.6	36
	Campbellpur	0.0	0	0	1/	0	97	00	0	///	84	0	0	9	0	0	84	78	—	—				—
Sargodha	Khushab	700	0	6	09	05	97	03	2	993	88	4	3	9	4	0	61	//		—	6.2	+ 3.1	11.3	15
	Sargodha	0.0	0	2	23	03	94	06	2	954	81	0	0	7	0	1	75	64	—	—	3.8	—	7.8	—
	Lyallpur	000	0	0	16	02	97	00	0	957	88	0	0	9	0	0	73	82	— 1	+ 2	5.2	+ 0.3	8.4	12
Multan	Sahiwal																		—	—	—			10
	Multan	000	0	3	16	07	96	07	0	962	04	0	0	9	0	1	74	82	0	— 1	2.5	— 0.6	3.1	7
	Leiah																		—	—	—			8
Bahawalpur	Khanpur	000	0	5	23	05	96	03	0	969	82	2	0	9	3	1	74	80	—	—	1.1	— 1.2	1.5	6
	Bahawalpur	000	0	0	31	05	96	00	0	917	01	0	0	9	0	0	64	//	—	—	0.0	— 3.2	2.1	6
	Fort Abbas	///	0	0	31	05	98	00	0	921	06	0	0	9	0	0	03	77	—	—	—	—	—	8
Malakand	Chakdara	034	0	2	00	00	98	01	1	932	80	0	0	9	0	9	76	76	—	—	8.1	—	10.9	—
Peshawar	Peshawar	000	0	7	00	00	97	02	2	947	82	2	5	6	3	0	75	80	+ 1	+ 1	1.8	— 0.5	11.3	11
	Haripur	225	0	8	13	05	96	71	6	973	76	8	7	6	0	0	73	72	—	—	18.1	—	26.0	—
D.I. Khan	Bannu	000	0	5	00	00	98	07	2	956	86	0	0	9	0	9	77	56	—	—	5.0	—	7.3	11
	D. I. Khan	000	0	7	18	03	96	05	1	953	87	0	0	9	0	7	78	75	0	— 7	0.7	+ 2.7	2.9	9
Quetta	Sibi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	5
	Nokkundi	000	0	1	31	17	95	05	4	95.	91	0	0	9	0	0	52	81	—	—	0.0	—	0.0	2
Kalat	Turbat	000	0	0	23	02	98	00	0	049	90	0	0	9	0	0	73	80	—	—	0.0	—	0.0	—
	Jiwani	000	0	6	00	00	96	02	2	001	81	6	6	5	0	0	75	79	—	—	0.0	—	1.5	5
	Pasni	000	0	0	27	02	97	02	0	///	76	0	0	9	0	0	62	//	//	//	0.0	— 0.8	0.0	6
	Ormara	000	0	6	27	09	96	02	2	999	80	6	6	6	0	0	77	//	—	—	0.0	— 0.7	0.0	6
	Lasbela	///	0	4	00	00	98	00	0	9.5	81	0	0	9	0	0	77	80	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora)	000	0	7	27	14	96	03	2	003	01	7	6	4	/	/	//	...	—	—	—	—	—	8
	Karachi (Airport)	000	0	8	27	10	96	03	2	997	81	5	6	4	3	/	77	80	—	—	1.3	—	1.5	—
Hyderabad	Nagarparker																		—	—	—	—	—	—
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	3.0	—	3.0	7
	Hyderabad	000	0	5	23	10	97	02	2	974	84	2	5	6	0	0	75	81	— 2	+ 2	1.8	2.2	2.3	9
	Badin	000	0	8	23	14	97	03	1	995	81	8	8	6	0	0	57	80	—	—	1.7	— 3.6	1.7	—
Khairpur	Padidan	000	0	2	18	03	96	03	0	950	84	0	0	9	0	0	74	81	—	—	0.2	—	0.2	—
	Nawabshah	000	0	3	18	07	96	03	0	953	85	3	0	9	0	0	75	81	—	—	0.6	—	0.6	4
	Sukkur	000	0	6	13	05	96	03	0	956	76	6	0	9	6	0	75	80	—	—	1.8	—	2.2	—
	Kashmore	000	0	6	00	00	98	03	0	581	87	0	0	9	0	6	72	82	—	—	0.0	—	0.0	4
	Jacobabad	000	0	6	13	07	96	05	1	955	83	0	0	9	0	1	78	81	—	//	2.3	— 0.7	2.6	8
Junagadh	Veraval																							20
	HILL STATIONS																							26
Kashmir	Srinagar *																							—
	Gulmarg *																							71
	Sonamarg *																							26
	Dras *																							3
	Leh *																							6
	Skardu *																							—
	Misgar *																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	170	2	8	13	05	98	85	6	419	62	8	9	2	/	/	61	61	— 1	0	32.3	+ 2.7	41.7	18
																								29
Malakand	Drosh *	000	0	3	00	00	97	06	1	383	87	3	2	6	0	0	65	63		+ 10	10.1	—	10.1	—
Peshawar	Chitral *	000	0	8	18	02	92	02	2	399	74	8	3	0	0	0	73	73		+ 2	8.5	+ 3.5	8.1	—
	Kakul *	008	3	8	18	05	94	95	9	410	71	6	9	5	2	3	70	69	—	—	22.2	—	31.1	29
	Landikotal *	000	0	4	09	05	98	01	2	401	81	4	0	/	0	3	71	74	—	—	9.8	—	19.4	13
	Parachinar *	000	0	0	00	00	97	01	0	411	77	0	0	9	0	0	64	70	+ 3	+ 5	9.1	—	16.6	11
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	389	86	0	0	9	0	0	75	75	—	—	0.9	— 2.2	1.8	13
	Wana *	000	0	0	00	00	98	00	0	372	81	0	0	9	0	0	77	76	—	—	0.9	—	1.6	—
Quetta	Fort Sandeman *	000	0	0	31	02	95	05	4	389	98	0	0	9	0	0	67	77	— 3	+ 3	1.9	— 1.3	3.2	9
	Hindubagh *	000	0	0	25	19	95	05	0	///	80	0	0	9	0	0	37	66	—	—	0.4	—	2.3	—
	Loralai *																		—	—	—	—	—	14
	Barkhan *																		—	—	—	—	—	9
	Harnai *	000	0	0	13	01	96	02	0	375	85	0	0	9	0	0	74	62	—	—	0.0	— 4.6	0.2	8
	Samungli (Quetta) *	000	0	0	00	00	92	06	0	418	74	0	0	9	0	0	46	65	+ 3	— 2	0.0	— 0.9	3.7	—
	Chaman *	000	0	0	00	00	98	00	0	549	80	0	0	9	0	0	43	76	— 3	+ 2	0.0	— 0.1	2.0	—
	Nushki *	000	0	0	00	00	94	06	0	457	86	0	0	9	0	0	32	60	—	—	0.0	—	1.5	4
	Dalbandin *	000	0	1	23	10	94	07	0	407	89	1	0	9	4	0	//	79	+ 4	+ 7	0.0	— 0.2	0.6	7
Kalat	Kalat *	000	0	0	13	00	94	00	2	396	70	0	0	9	0	0	41	60	+ 4	+ 6	0.0	— 0.9	1.4	—
	Khuzdar *	000	0	1	13	03	96	02	0	395	81	0	0	9	0	0	59	78	—	—	0.4	—	1.7	5
	Panjgur *	000	0	0	00	00	96	05	0	421	85	0	0	9	0	0	43	83	+ 5	+ 6	0.0	—	0.0	—

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.

RRRR at 0300 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

When ever 999 is given RRR see the summary have for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 7th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGG$_{iw}$N dd FF	VV $_{w\,w}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$0T_sT_sT_oT_o$	$1T_wT_wT_{w}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000$_{mb}$	850$_{mb}$	700$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$	70$_{mb}$	50$_{mb}$	30$_{mb}$
		PoPoPoToToToDoDo	hhh T1T$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...														
Dacca ...	00 00	996 272 20	529 // //	400 196 30	065 124 56	591 027 50	755 11' //	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	996 276 38	512 // //	500 148 36	041 078 63	567 145 //	733 265 //	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	955 272 50	550 // //	360 218 39	045 132 56	580 019 59	755 103 //	970 245 //	253 445	...	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PFP TTT$_a$ DD							Max. Wind Speed	TROPOPAUSE: First	Transition	Second	Transition
									PmPmPmdmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	$P_tP_tP_tT_tT_tT_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...	00 00	996 272 20	880 191 26	85' 114 51	540 080 56	...	...	..	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...	00 00	995 272 50	900 218 55	520 005 9	174 537 //	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms. a.s.l.->	At 1200 hrs. G.M.T. † of Previous day (ddfff): 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 (ddfff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (ddfff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 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
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	130 08	140 14	130 12	195 10	230 11	...	...	...	...	145 11	140 11	165 15	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	220 23	235 31	240 33	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	160 17	160 18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cher t ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	165 15	165 16	190 21	...	...	...	...	...	...	150 26	150 26	160 27	190 19	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	145 11	145 10	145 11	138 15	...	130 18	...	...	...	1.0 18	135 15	135 17	...	137 17	...	115 19	115 17	...	...	...	...	...	...	...	...	...
Dalbandin ...												230 00	215 20	260 25	...			230 08	120 26							
D. I. Khan ...	170 10	140 07	140 07	110 10	030 06	235 07	255 10	260 10	260 11	...	...	...	...	...	...	...	...	...	275 17	260 25	285 15	315 13	...	...	...	...
Drosh ...	...	...	...	215 15	200 07	115 09	100 04	315 08	290 09	...	...	...	225 04	220 07	145 06	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	230 04	220 07	215 13	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	130 04	130 04	205 01	270 06	255 09	250 07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishardi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	130 06	140 17	160 14	165 11	223 10	260 14	300 11	...	...	26/ 89	265 35	260 26	305 13	305 35	345 24	280 19	290 25	...	...	...	...	...	...	...	...	...
Jiwani ...	...	...	...	...	...	...	...	...	...	215 14	24. 15	240 03	235 14	001 21	200 07	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	250 18	255 18	...	...	...	...	...	...	...	...	...	...	290 11	315 09	315 25	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	215 12	210 15	210 17	195 17	190 12	155 08	125 05	265 11	245 16	175 00	200 12	215 15	242 19	...	...	245 06	250 06	300 07	225 04	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	195 10	205 20	210 21	210 09	225 06	280 05	120 09	200 10	195 12	230 07	235 05	295 03	040 04	230 09	275 10	060 10	...
Lahore ...	175 06	170 09	170 10	180 11	200 09	231 07	...	...	...	215 15	230 10	295 06	340 06	010 07	335 17	260 02	290 09	320 08	310 08	310 15	325 35	...	...	...	...	...
Multan ...	200 13	200 16	195 17	176 11	160 12	170 12	255 09	240 15	240 5/	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	190 14	210 72	305 07	335 21	345 06	355 17	350 14	345 09	010 28	...	310 07	240 05	250 05	250 06	300 14	...	035 03	090 03	...	...	...	...	...	...	...	...
Nokkundi ...	...	No	Ascent	...	...	...	...	...	...	...	...	...	325 15	330 19	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	/// //	295 08	295 17	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	030 15	075 11	145 10	...	...	...	...	...	195 02	195 09	195 09	230 09	285 09	285 11	260 03	200 02	210 04	195 08	175 10	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	/// //	291 0.	300 09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	120 04	180 04	185 06	230 08	210 04	155 04	125 05	110 11	120 09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...	260 29	265 35	290 26	305 13	303 5	345 24	355 18	350 29	355 15	355 32	325 18	...	...	...	...	...	...	...	...	...	...
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (Iliii Cdd V_r V_s etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

T_a—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures

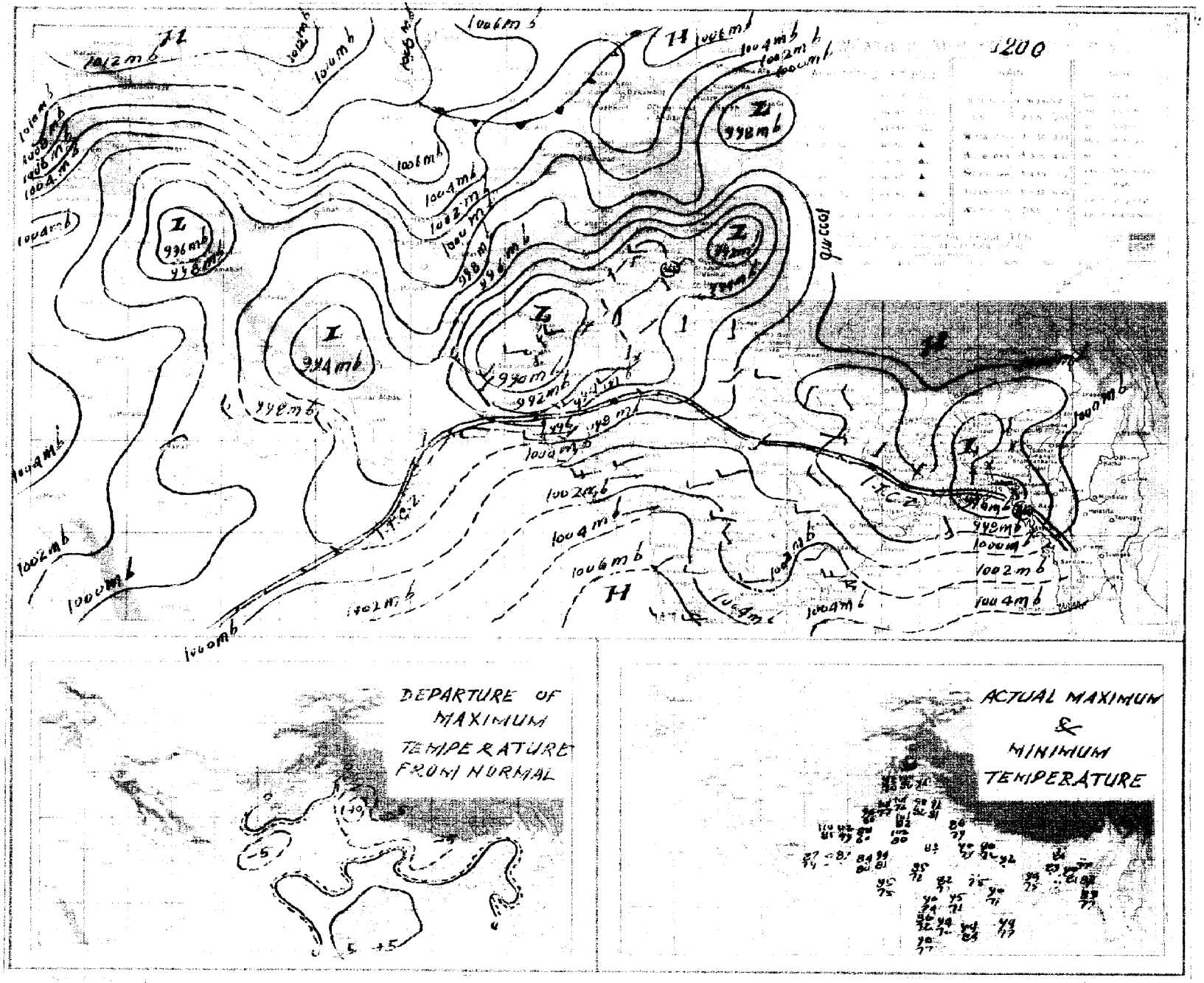
The actual time of observations may vary within h H an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

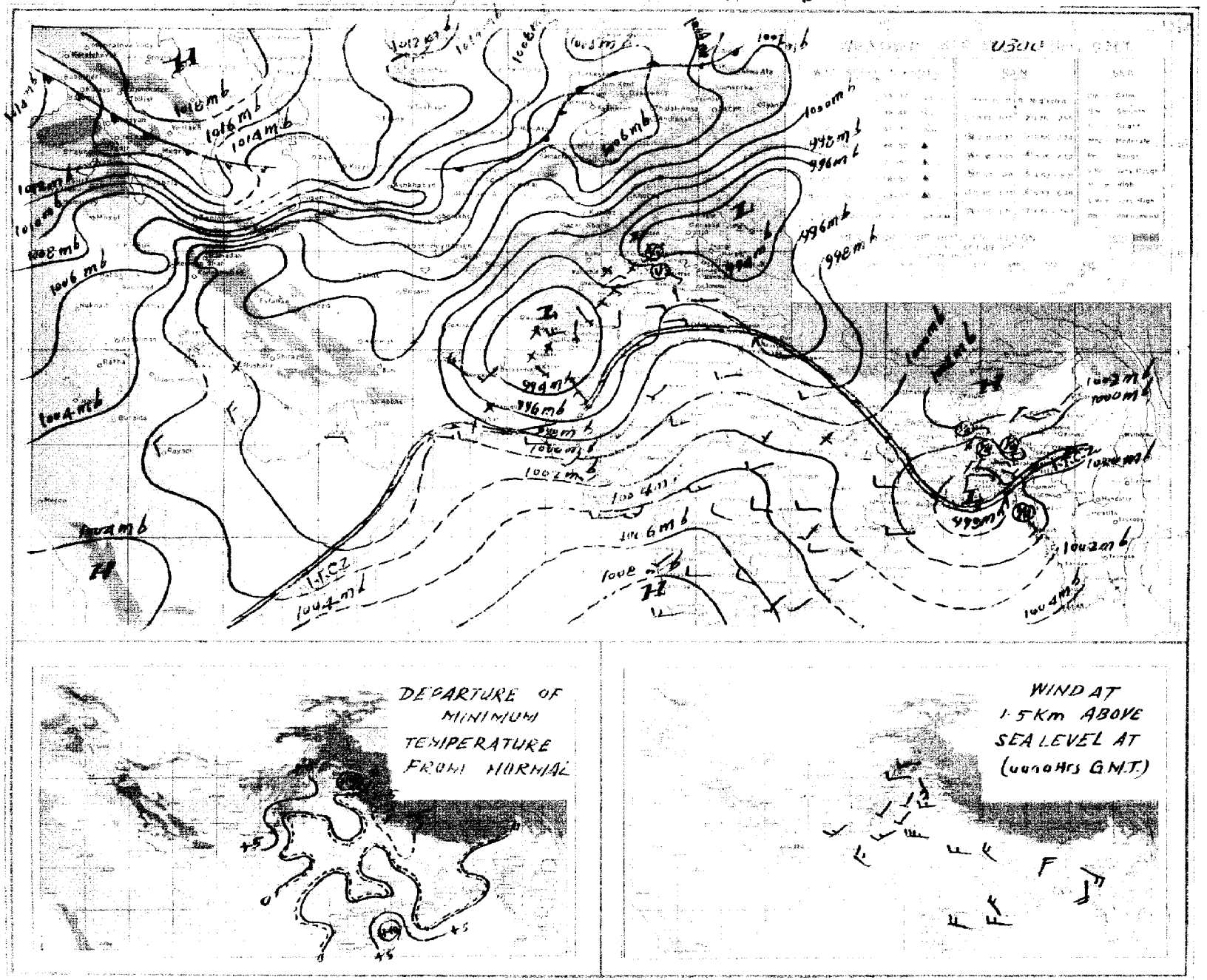
PAKISTAN DAILY WEATHER MAP

FRIDAY 6th AUGUST 1971.



PAKISTAN DAILY WEATHER MAP

SATURDAY 7th AUGUST 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

SUNDAY THE 8th AUGUST, 1971.

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

Yesterday's low over north Bay of Bengal and southern areas of East Pakistan became well marked last evening. Observations from Orissa, West Bengal and Bihar are lacking but believe it has concentrated into a depression which is now crossing coast northwestwards near Saugor Island and is likely to continue moving in the samedirection.

Rain/thundershowers have been widespread in Chittagong division, fairly widespread in Dacca and Khulna divisions and scattered in Rajshahi division.

Yesterday's westerly low pressure wave over Kashmir moved away eastwards last evening.

The secondary western disturbance over Russian Turkistan has moved to East Russian Turkistan. Its associated trough which lay over northern areas of West Pakistan last evening now extends into adjoining areas of Kashmir.

Rain/thundershowers have been fairly widespread in Malakand division local in Lahore and Rawalpindi divisions and scattered in Peshawar divisions. Drizzle has also fallen in Karachi division.

Chief amounts of rainfall are Sandwip 1½", Rawalpindi and Chakdara 1" each, Dacca, Barisal and Sialkot 3/4" each, Hatyia, Maijdee Court, Srimangal, Faridpur and Murree ½" each and Rangamati, Cox's Bazar, Chittagong, Sylhet and Jessore ¼" each.

Day temperatures were generally 2—6 °F (1—3 °C) above normal in East Pakistan and to the same extent below normal in Lahore, Rawalpindi, Peshawar and Khairpur divisions.

Forecast valid until the evening of the 9th August, 1971 :—Rain/thundershowers will be widespread in East Pakistan with locally heavy to torrential falls. Scattered rain/thundershowers will occur in Lahore, Rawalpindi, Malakand and Peshawar divisions and in Kashmir. Drizzle is also likely to fall in coastal Kalat, Karachi and Hyderabad divisions.

Earth Quake Report The seismographs of geophysical centre Quetta have recorded an earth quake of moderate intensity on 7th August, 1971 at 20 hours 24 minutes WPST with its epicentre about 800 miles northeast of Quetta near Eastern China.

Karachi-32
The 8th August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Ww)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds 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 from † (GL)	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 degree (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 (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum temperature (TnTn)	Rainfall: Since 1st June, 1971 (actuals)	Departure from normal	Since 1st January, 1971 to-date	Annual Normal
	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	2	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	...	...	...	18														020	7	6	18	05	96	03	6	052		4	2	7	6	0	75	79							—
	Cox's Bazar	005	6	8	3	12	96	51	5	969	83	5	5	3	5	0	75	83	034	9	6	18	09	96	02	2	035	80	4	4	4	2	0	75	79	—	3	— 3				140
	Chittagong	014	6	6	1	09	96	02	6	965	80	5	4	3	2	0	77	90	0.2	9	6	13	16	96	02	6	092	87	6	4	4	6	0	75	75	—	—					109
	Maijdee Court	000	9	8	18	02	96	03	2	958	84	4	2	5	2	1	79	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 11	—					115
	Comilla	...																																								94
	Brahmanbaria	...																																								78
	Sylhet	000	0	6	00	00	97	02	2	954	88	1	2	6	3	0	86	90	031	0	8	18	05	96	03	2	008	82	5	5	5	2	1	79	77							—
	Srimangal	004	9	8	16	35	96	95	6	960	90	6	9	3	3	1	79	91	058	9	8	00	00	96	02	9	008	83	5	9	3	3	2	75	75	+ 1	— 1					95
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	015	0	5	13	02	97	02	2	045	83	5	5	5	0	0	75	75	—	— 3					91
	Narayanganj	000	0	8	00	00	95	03	2	956	88	3	6	3	7	7	79	88	005	4	8	09	06	97	03	5	987	80	8	7	3			80	79	+ 1	0					74
	Dacca (Tejgaon)	000	0	7	00	00	97	02	2	957	83	6	9	4	7	0	79	88	075	9	7	16	05	97	02	9	979	80	7	7	3	4	0	78	79							—
	Faridpur	000	0	5	20	02	96	02	2	974	81	3	4	5	1	0	77	90	040	2	8	11	09	97	02	6	968	83	6	4	5	1	0	79	75	+ 3	— 4					71
Khulna	Barisal	007	2	7	13	09	97	03	6	951	85	6	6	4	2	8	79	87	071	9	7	18	15	97	20	6	96	80	6	6	4	2	0	75	79	0	+ 1					81
	Khulna	000	0	4	00	00	97	02	0	942	86	2	2	4	0	0	80	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...							68
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	18	02	97	03	2	947	83	4	3	9	0	0	79	79							65
	Jessore	003	1	7	07	09	96	21	6	946	86	6	9	3	2	0	75	90	019	4	7	09	07	96	51	5	955	80	5	7	3	2	0	79	79	+ 2	0					65
Rajshahi	Pabna	000	0	4	05	05	98	01	1	///	88	4	4	6	3	0	79	///	000	9	6	09	09	98	50	9	///	82	6	7	6	0	0	79	80							59
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...							64
	Rajshahi	000	0	4	05	02	96	02	0	948	87	3	2	6	3	3	80	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—						—
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	015	0	7	09	12	96	02	2	976	80	5	4	4	3	0	75	79		0					69
	Dinajpur	000	0	4	09	02	96	03	0	028	85	2	2	9	1	0	79	///	000	0	5	09	12	96	01	2	024	87	5	0	9	1	0	82	82	—	+ 4					72
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...							64
Kashmir	Jammu	...																																								—
Lahore	Lahore (Jail Rd.)	000	0	6	16	07	96	06	/	930	91	7	7	9	7	3	69	95	000	0	2	23	02	96	06	0	934	85	0	0	9	0	7	75	80	— 3	0	8.4	+ 0.1	11.5	19
	Sialkot	000	0	8	09	02	97	02	2	936	87	3	5	6	2	1	80	90	085	0	8	09	05	97	02	2	939	79	4	7	4	2		78	78	— 5	— 1	17.2	+ 3.9	24.0	32
Rawalpindi	Jhelum	000	0	7	13	03	95	92	/	920	89	3	4	6	7	0	78	91	000	0	5	13	02	96	01	1	921	84	5	0	9	7	9	78	81							—
	Islamabad	024	0	5	13	07	96	06	2	927	87	2	1	6	3	0	79	89	101	8	7	09	05	96	04	9	931	79	4	2	6	5	0	78	76	+ 6	0	20.3	+ 7.5	20.6	36
	Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	00	0	...	85	8	5	9	0	0	/	80							10
	Campbellpur	...																																								—
Sargodha	Khushab	000	0	6	09	03	97	02	2	913	01	1	2	9	5	4	77	02	000	0	0	00	00	97	06	0	935	89	0	0	9	0	0	73	...	+ 2	—					15
	Sargodha	000	0	1	13	07	95	05	0	913	97	1	5	7	0	0	74	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	3.8	—	7.8	—
	Lyallpur	000	0	6	00	00	97	02	1	924	94	6	3	7	0	0	62	99	000	0	0	29	02	97	00	0	921	83	0	0	9	0	0	73	82	0	+ 3	5.1	+ 0.1	8.3	12
Multan	Sahiwal	...																																								10
	Multan	000	0	4	16	10	96	06	1	920	96	1	0	9	3	1	75	99	000	0	2	18	09	96	07	0	924	85	0	0	9	0		75	83	— 2	0	0.5	— 0.6	3.1	7
	Leiah	000	0	0	36	08	94	00	0	911	03	0	0	9	0	0	71	03	000	0	0	09	02	91	00	3	950	85	0	0	9	0	0	76	...							8
Bahawalpur	Khanpur	000	0	2	23	05	96	03	0	912	02	0	0	9	0	1	75	02	000	0	1	23	05	96	03	0	934	82	0	0	9	0	1	74	79			1.1	—	1.5	6
	Bahawalpur	000	0	0	00	00	96	00	0	923	89	0	0	9	0	0	70	01	000	0	0	00	00	96	00	0	936	85	0	0	9	0	0	73	82			0.0	— 3.2	2.9	6
	Fort Abbas	///	/	0	20	30	94	///	0	959	99	0	0	9	0	0	94	99	///	/	0	23	04	98	00	0	901	67	0	0	9	0	0	/	78			0.0	—	—	8
Malakand	Chakdara	000	0	2	18	07	96	03	0	891	91	2	1	7	0	0	78	92	000	0	5	00	00	96	02	2	903	79	3	0	9	6	8	75	76			9.1	—	12.0	—
Peshawar	Peshawar	000	0	6	36	05	96	06	/	899	92	3	3	6	3	1	79	95	000	0	1	00	00	97	01	1	912	83	1	0	9	3		74	80	— 4	+ 1	1.8	— 0.5	11.3	11
	Kohat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	3	6	05	03	97	03	2	999	79	6	0	9	3	0	73	74			18.1	—	26.0	—
D.I. Khan	Bannu	000	0	6	13	02	98	07	2	920	98	0	0	9	7	7	75	00	000	0	4	00	00	99	03	1	934	86	0	0	9	0	0	77	85	—		4.9	—	7.3	11
	D. I. Khan	000	0	5	18	05	96	05	2	917	98	0	0	9	0	1	85	99	000	0	0	13	02	96	05	0	915	88	0	0	9	0	0	77	83	— 2	+ 1	0.7	— 2.7	2.9	—
Quetta	Sibi	...																																								9
	Nokkundi	000	0	0	31	28	94	31	3	.86	07	0	0	9	0	0	76	09	000	0	0	31	31	92	05	4	933	85	0	0	9	0	0	/	62	—	—	0.0	—	0.2	5
Kalat	Turbat	000	0	0	23	03	92	00	0	992	02	0	0	9	0	0	73	02	000	0	0	23	01	98	00	0	013	84	0	0	9	0	0	75	81							2
	Jiwani	000	0	1	18	09	96	01	0	959	85	1	0	9	3	1	76	90	000	0	8	16	02	96	03	1	953	81	8	6	4	0	0	78	80	—	—					—
	Pasni	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	18	02	97	02	0	944	76	0	0	9	0	0	50	/ /	—	—					5
	Ormara	000	0	/	27	12	96	04	4	995	86	1	6	6	0	0	76	87	000	0	6	27	09	96	02	2	950	80	6	6	6	0	0	77	/ /							6
	Lasbela	///	0	2	09	02	98	00	0	948	97	0	0	9	0	0	83	98	///	0	5	00	00	98	00	0	957	82	0	0	9	0	0	78	80	—	—					8
Karachi division	Karachi (Manora)	...																																								8
	Karachi (Airport)	001	6	7	27	14	96	02	5	963	83	5	6	5	3	0	77	83	002	9	8	27	14	96	50	5	956	80	5	6	5	2		77	78	—	—	1.3	—	1.4	—
Hyderabad	Nagarparker	...																																								—
	Chhor	030	0	0	23	05	96	00	0	999	07	0	0	9	0	0	79	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...							7
	Hyderabad	000	0	3	23	10	97	03	1	941	90	3	6	5	0	0	75	96	000	0	8	23	09	97	03	2	943	83	3	6	5	0	1	74	81		0	+ 2	1.8	— 2.3	2.2	9
	Badin	000	0	8	23	14	97	02	0	970	85	6	5	6	2	0	75	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...							—
Khairpur	Padidan	000	0	3	13	03	96	01	1	995	07	3	0	9	7	0	68	06	000	0	4	13	02	96	03	0	919	85	0	0	9	0	8	72	82			0.2	—	0.2	—
	Nawabshah	000	0	5	18	10	96	01	1	914	03	0	0	9	0	3	79	95	000	0	3	18	07	96	01	0	925	85	0	0	9	0	1	75	81	—	—	0.6	—	0.6	4
	Sukkur	000	0	7	23	05	96	02	1	953	87	7	2	6	0	0	79	90	000	0	0	13	05	96	02	0	924	84	0	0	9	0	0	75	80							—
	Kashmore	000	0	0	23	02	93	02	2	955	04	0	0	9	0	0	76	05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...							4
	Jacobabad	000	0	5	13	03	96	05	2	907	98	0	0	9	0	5	77	99	000	0	0	13	07	96	05	0	923	84	0	0	9	0	0	78	82	— 6	+ 1					20
Junagadh	Veraval	...																																								26
	HILL STATIONS																																									—
Kashmir	Srinagar *	...																																								71
	Gulmarg **	...																																								26
	Sonamarg **	...																																								3
	Dras **	...																																								6
	Leh **	...																																								—
	Skardu *	...																																								—
	Misgar **	...																																								5
	Aliabad *	...																																								59
	Gilgit *	...																																								18
Rawalpindi	Murree *	...																																								29
Malakand	Drosh *	...	000	0	4	23	12	97	06	9	917	98	4	2	7	0	0	56	03	000	0	0	00	00	95	06	1	345	80	0	0	9	0	0	44	/ /	+ 7	—	1.6	—	10.1	—
Peshawar	Cherat *	...	000	0	5	18	12	96	02	2	389	83	5	0	8	3	0	71	84	000	0	0	18	03	98	00	0	374	76	0	0	9	0	0	73	/ /	— 3	—	7.7	+ 1.6	15.3	—
	Kakul *	...	009	0	4	23	05	96	01	1	881	81	4	3	5	6	3	83	007	1	8	18	09	94	95	2	371	73	5	9	5	2	/ /	71	70							29
	Landikotal *	...	000	0	4	18	05	97	02	2	364	88	4	2	7	2	0	74	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			9.8	—	19.4	13
	Parachinar *	...	000	0	5	13	02	97	03	2	377	83	5	3	6	0	0	67	86	000	0	0	00	00	97	01	0	384	76	0	0	9	0	0	64	70	+ 1	+ 5	9.1	—	16.6	11
D.I. Khan	Miranshah *	...	000	0	8	05	05	97	00	1	377	96	8	0	9	0	/	74	97	000	0	0	05	05	99	00	0	370	85	0	0	9	0	0	74	74			0.9	—	1.8	13
	Wana *	...	000	0	6	13	06	97	03	0	381	89	6	5	8	0	0	85	94	000	0	0	00	00	96	01	1	921	84	5	0	9	7	9	78	81							—
Quetta	Fort Sandeman *	...	000	0	3	27	02	95	05	4	361	99	1	5	7	2	1	54	00	000	0	6	13	02	95	05	4	364	81	0	0	9	0	0	67	/ /	— 2	—	1.9	— 1.4	3.2	9
	Hindubagh *	...	000	0	0	25	02	95	05	0	///	95	0	0	9	0	0	49	96	000	0	0	25	05	95	05	0	///	82	0	0	9	0	0	/ /	67	—	—	0.3	—	2.3	—
	Loralai *	...																																								14
	Barkhan *	...																																								9
	Harnai *	...	000	0	0	13	01	96	02	0	384	98	0	0	9	0	0	62	99	000	0	0	05	01	96	02	0	355	81	0	0	9	0	0	68	80	—	—	0.0	—	0.2	8
	Samungli (Quetta) *	...	000	0	2	31	05	96	00	0	382	91	0	0	9	0	0	69	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	0	0.0	— 0.8	3.7	—
	Chaman *	...	000	0	0	27	03	96	00	0	420	97	0	0	9	0	0	64	98	000	0	0	27	03	98	00	0	556	80	0	0	9	0	0	/ /	76	— 2	+ 2	0.0	— 0.1	2.0	—
	Nushki *	...	000	0	0	00	00	94	06	0	427	01	0	0	9	0	0	44	02	000	0	0	36	03	93	06	0	446	84	0	0	9	0	0	31	63	—	—	0.0	—	1.5	4
	Dalbandin *	...	000	0	0	31	12	94	07	0	368	07	0	0	9	0	0	25	08	000	0	1	23	09	90	05	4	///	89	0	0	9	0	1	38	67	0	— 5	0.0	—	0.6	7
Kalat	Kalat *	...	000	0	0	31	00	92	00	2	358	88	0	0	9	0	0	58	94	000	0	0	23	00	96	00	2	377	71	0	0	9	0	0	57	/ /	— 4		0.0	— 0.9	1.3	—
	Khuzdar *	...	000	0	3	31	09	97	03	1	364	97	0	0	9	0	6	20	00	000	0	2	00	00	96	02	0	366	79	0	0	9	0	2	66	77	—	—	1.4	—	1.7	5
	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.

RRRR at 0300 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

When ever 999 is given RRR see the summary bove for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 8th AUGUST, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV $_w$ $_w$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sC_hh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{wr}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface (PoPoPoToToToDoDo)	1000$_{mb}$	850$_{mb}$	700$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$	70$_{mb}$	50$_{mb}$	30$_{mb}$
			hhh TTT, DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	996 272 25	...	450 196 31	...	581 039 27	753 085 17	967 289 58	244 529 //	425 665 /	656 817 //	...	...	...
Dacca ...	00 00	992 258 03	...	400 186 00	997 106 14	574 029 19	748 127 57	961 267 5	241 497 //	424 631 /	665 761 //	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	993 264 25	...	400 240 17	061 150 65	582 015 63	756 121 82	970 271 //	254 401 /	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	...	MISDA	..	...	...	...	...	...	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	977 290 30	MISDA	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PIPP TTT, DD							Max. Wind Speed	TROPOPAUSE: First	Transition	Second	Transition
									PmPmPmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	$P_tP_tP_tT_tT_tT_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms a.s.l.-->	At 1200 hrs. G.M.T. † of Previous day (ddfff)									At 0000 hrs. G.M.T. † of date (ddfff)						At 0600 hrs. G.M.T. † of date (ddfff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 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
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	150 10	100 06	095 08	040 04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	220 22	225 31	230 29	...	...	...	...	...	...	220 25	225 31	230 33	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	000 06	000 05	040 05	...	...	...	...	...	...	...	...	...	...	...	...	135 17	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	305 16	...	245 06	265 06	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	310 01	125 02	350 04	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	120 09	130 10	170 08	225 04	305 08	...	125 10	...	...	160 04	140 09	190 05	250 13	290 11	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	225 09	265 10	275 10	335 16	340 20	330 17	315 21	340 21	...	...	...	...	...	...	...	075 02	040 15	340 22	345 21	330 17	320 29	310 31	...	...	...	...
Karachi ...	255 13	260 08	...	...	...	...	...	...	...	255 12	...	...	...	...	...	255 11	...	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	215 10	220 11	220 16	225 16	250 16	310 09	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	160 09	180 10	185 11	195 09	150 05	195 01	...	...	...	230 10	235 17	255 21	275 16	290 13	325 08	220 03	230 05	240 07	305 06	280 02	...	...	...	...	...	...
Multan ...	145 11	160 13	170 15	180 05	165 16	...	265 13	...	...	210 20	220 21	235 26	...	250 31	...	165 08	190 12	200 12	...	205 06	...	...	...	...	...	...
Nawab Shah ...	210 14	215 09	270 10	295 11	305 13	300 16	250 20	335 11	020 09	230 17	250 04	300 05	325 12	340 09	350 07	210 6	230 03	325 03	350 04	330 07	320 11	...	...	...	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	030 10	050 07	145 13	205 15	...	...	...	...	...	010 05	020 03	230 03	275 04	325 06	...	025 03	130 02	285 08	290 10	270 03	235 10	260 11	295 13	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	325 04	115 04	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	285 06	275 02	330 06	290 04	275 03	...	...	...	...	256 04	270 06	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	150 10	175 07	175 11	195 08	195 06	...	...	...	...	225 02	225 08	225 07	250 06	250 07	345 10	205 03	195 02	175 03	180 04	185 12	185 18	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V_v V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

Ts—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

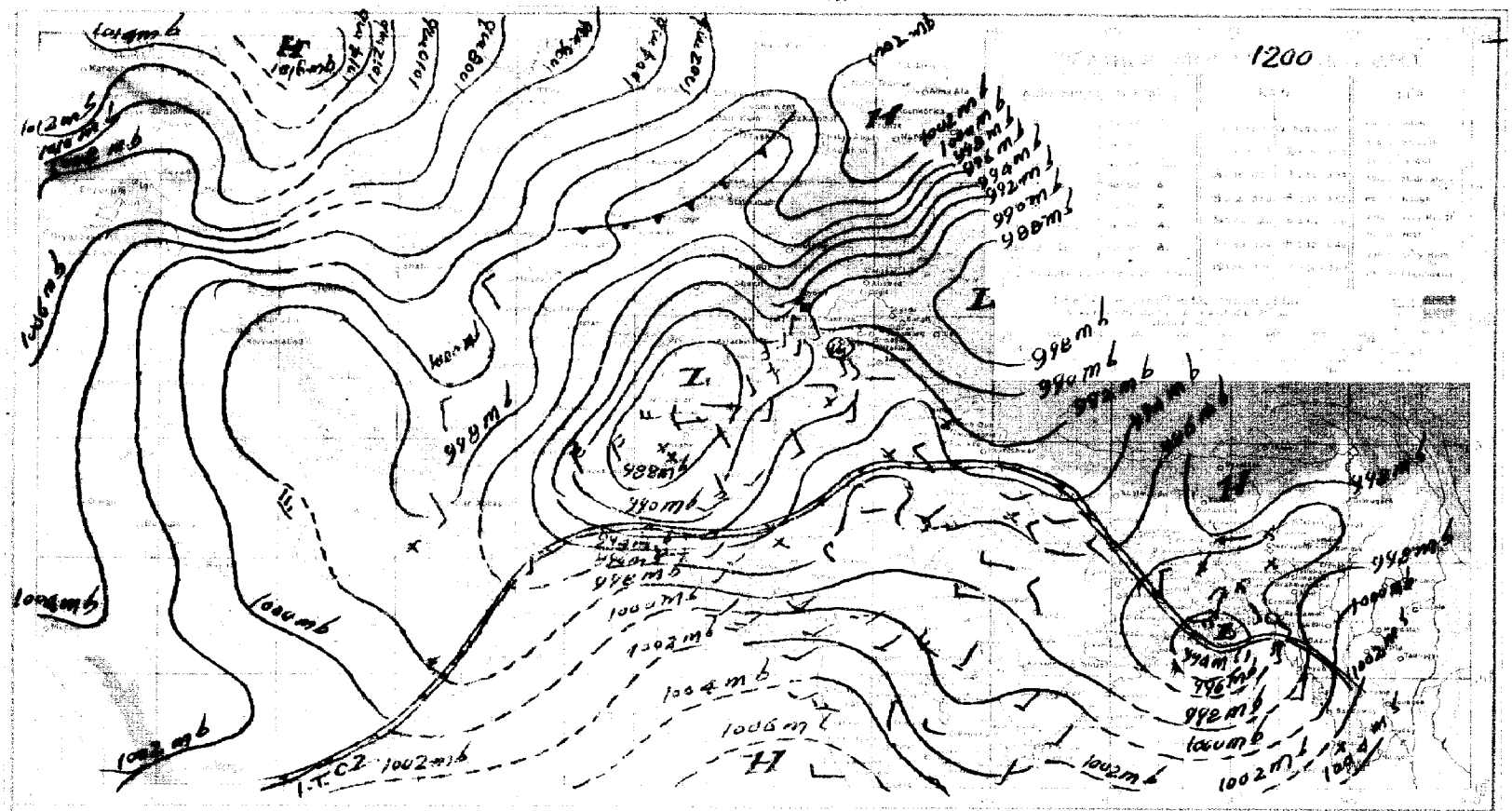
The actual time of observations may vary within half an hour of the specified time.

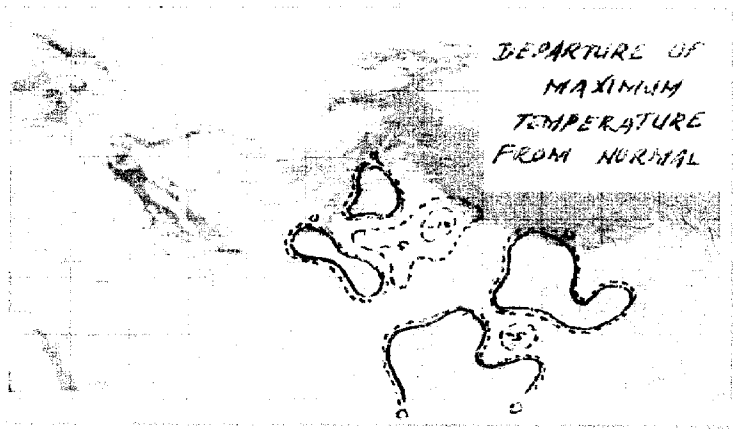
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

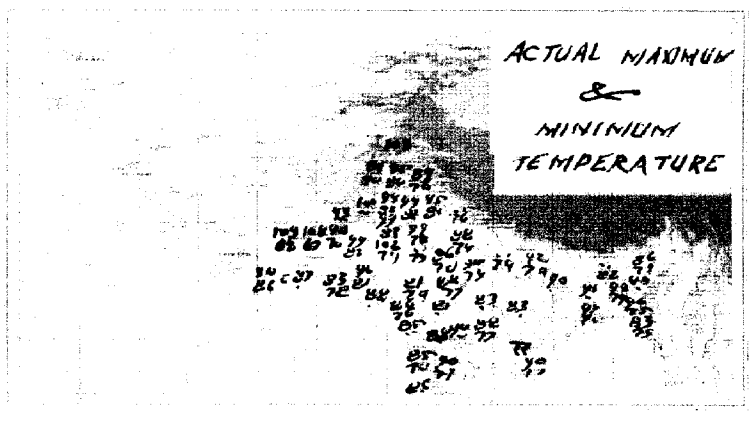
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi--32

PAKISTAN DAILY WEATHER MAP

SATURDAY 7th AUGUST, 1971.

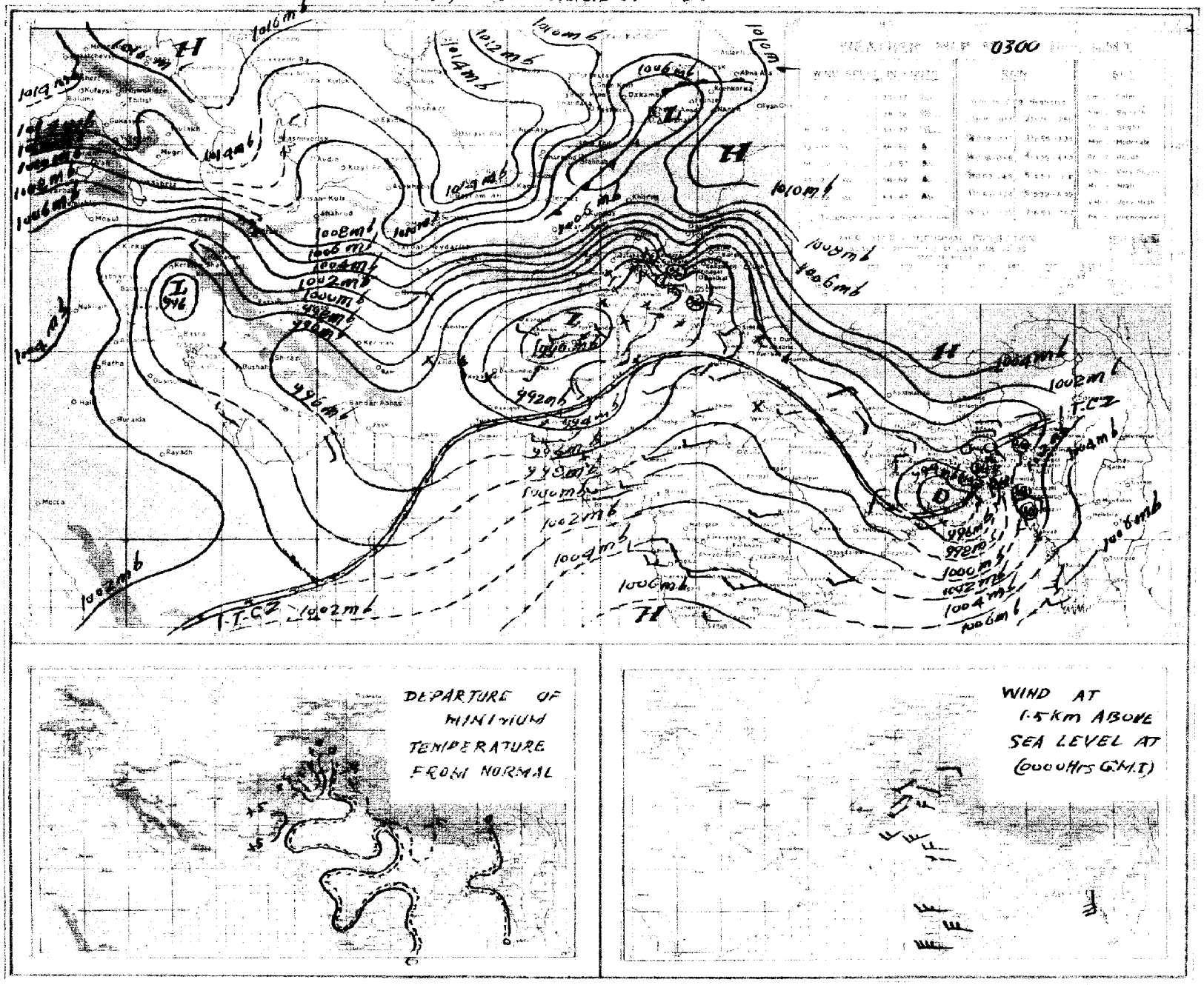






PAKISTAN DAILY WEATHER MAP

SUNDAY 8th AUGUST 1971



Pages 1—2 Rs. 3/- per month
Pages 1—4 Rs. 5/- per month

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

MONDAY THE 9th AUGUST, 1971.

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

Yesterday's depression crossed coast near Sangor Island moved northwestwards and was centred last evening about 50 miles south of Anansol. Observations are lacking but believe the land depression has moved westnorthwestwards and is centred at 090300 GMT about 70 miles south-southwest of Gaya. It is likely to continue moving same direction.

Rain/thundershowers have been fairly widespread over East Pakistan.

The secondary western disturbance over East Russian Turkistan has moved away northeastwards. Its associated trough has also moved northeastwards and now lies over Kashmir.

Rain/thundershowers have been local in Lahore, Rawalpindi and Peshawar divisions Drizzle has also fallen in Karachi and Hyderabad divisions.

Chief amounts of rainfall are Haripur 4", Maijdee Court and Rawalpindi 2" each, Sandwip 1½", Cox's Bazar and Sialkot 1" each, Kakul 3/4", Hatyia, Chittagong, Srimangal, Narayanganj, Faridpur, Barisal, Bogra and Murree ½" each and Rangamati, Bhola and Pabna ¼" each.

Day temperatures were generally 3– 7 °F (2– 4 °C) below normal in Lahore, Rawalpindi, Multan, Hyderabad, Khairpur and western Quetta divisions and were to the same extent above normal in Malakand division.

Forecast valid until the evening of the 10th August, 1971 :—Rain/thundershowers will be widespread over East Pakistan, fairly widespread in Lahore and Rawalpindi divisions with a few moderate to heavy falls and scattered in Multan, Sargodha and Peshawar divisions and in Kashmir. Drizzle is also likely to fall in Karachi and Hyderabad divisions.

Karachi-32
The 9th August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at (We)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility (VV)	Present weather (ww)	Past weather (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form (CL)	Height of Lowest Cloud (h)	Medium Cloud form (CM)	High Cloud form (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at (We)	Total Cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility (VV)	Present weather (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form (CL)	Height of Lowest Cloud (h)	Medium Cloud form (CM)	High Cloud form (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum temperature (TnTn)	Rainfall: Since 1st June, 1971 to-date	Departure from normal	Since 1st January, 1971 to-date	Annual Normal
	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	2	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	021	5	0	00	00	98	02	6	998	80	5	7	5	7	0	79	86	023	2	7	18	05	97	61	6	022	79	5	7	4	7	0	75	75						—
	Cox's Bazar	030	0	6	13	15	96	02	2	005	85	3	4	4	2	0	79	//	097	9	8	18	09	99	61	6	//	75	5	7	3	2	0	74	74	—	— 2				140
	Chittagong	016	0	7	13	18	96	60	6	979	80	7	7	7	3	2	0	75	004	0	8	13	07	96	60	6	011	75	5	4	4	2	0	75	74	—	— 2				108
	Maijdee Court	020	3	8	16	05	96	03	6	972	80	6	5	4	2	/	75	84	210	9	8	18	02	95	63	6	003	77	8	5	5	/	/	76	75	—	— 2				115
	Comilla	000	0	4	18	19	96	02	2	970	86	4	4	7	0	0	80	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—				94
	Brahmanbaria																																								78
	Sylhet																																								—
	Srimangal	106	9	7	13	02	96	02	9	973	79	5	5	3	5	3	74	92	048	9	8	00	00	96	03	9	010	89	4	5	4	6	2	74	74	+ 2	— 2				98
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	13	02	97	02	1	000	/	6	5	4	0	0	79	77	—	— 1				91
	Narayanganj	000	0	9	09	06	95	03	5	963	83	8	6	3	...	/	74	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1	—				74
	Dacca (Tejgaon)	008	6	7	13	13	97	02	6	960	82	5	8	4	4	0	75	83	015	9	7	13	02	97	02	6	987	80	5	8	4	7	0	75	/						
	Faridpur	015	4	8	16	09	96	02	6	953	85	6	4	5	1	0	79	86	047	0	8	16	09	97	02	2	980	84	5	4	5	1	0	79	75	— 1	— 4				71
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	047	9	8	20	07	97	21	6	986	80	6	7	4	2	1	75	75	—	— 3				81
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	13	03	97	02	0	980	80	0	2	4	0	0	79	//						68
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	010	0	4	18	03	97	02	5	976	80	4	3	7	0	0	77	60						65
	Jessore																																								65
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	030	9	7	13	05	97	01	9	//	73	4	7	6	4	0	79	79						59
	Sirajganj																																								64
	Rajshahi																																								—
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	046	1	8	13	07	96	03	6	976	80	6	5	4	3	0	75	79	—	0				69
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						72
	Rangpur	000	0	4	09	02	96	01	2	990	84	4	0	9	2	0	80	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)																		000	0	5	00	00	96	06	0	957	83	2	5	6	7	0	77	80	—	0	8.4	— 0.1	11.5	19
	Sialkot	000	0	7	09	05	98	02	2	931	87	3	5	5	7	0	78	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3	—	18.3	+ 4.7	25.1	32
Rawalpindi	Jhelum	000	3	5	13	05	96	03	2	918	89	2	5	6	1	0	79	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3	—	12.6	—	17.3	—
	Islamabad																																								—
	Rawalpindi	000	0	3	13	10	96	06	1	906	86	1	8	6	3	0	78	91	741	9	7	09	05	96	95	9	963	74	4	3	3	2	0	73	72	— 4	— 4	22.7	+ 9.6	23.0	36
	Campbellpur																																								—
Sargodha	Khushab	000	0	9	00	05	97	03	2	897	01	6	2	9	2	4	83	93	000	0	8	05	09	97	02	2	944	85	6	2	9	2	0	78		— 3	—	0.9	— 5.5	1.6	15
	Sargodha	000	0	4	13	07	96	06	0	899	98	4	5	6	0	0	74	00	000	0	[illegible]	13	12	96	06	0	950	83	1	5	6	0	0	75	83		—	3.8	—	7.8	—
	Lyallpur	000	0	4	16	02	97	02	1	894	93	7	8	4	9	3	61	91	000	0	0	00	00	97	00	0	908	85	0	0	9	0	0	73	83	— 8	+ 3	5.1	+ 0.1	6.4	12
Multan	Sahiwal																																								10
	Multan	000	0	0	18	09	96	76	6	900	96	0	0	9	0	0	74	98	000	0	0	18	07	//	/		936	85	0	0	9	0	0	76	83	— 3	0	2.5	— 0.7	3.1	7
	Leiah																																								8
Bahawalpur	Khanpur	000	0	0	23	03	96	02	0	983	01	0	0	9	0	1	73	02	000	0	6	23	03	96	02	0	943	83	6	2	5	7	0	69	80			1.1	— 2.4	1.5	6
	Bahawalpur	000	0	0	00	00	96	01	0	908	97	0	0	9	0	0	67	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	— 3.2	2.1	6
	Fort Abbas	000	0	0	05	02	98	00	0	903	98	0	0	9	0	7	94	08	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
Malakand	Chakdara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	02	0	409	/	0	0	9	0	0	79	77			9.2	—	12.0	—
Peshawar	Peshawar	000	0	5	36	05	96	17	1	966	95	2	3	6	0	0	78	97	000	0	7	36	02	97	03	1	941	81	7	4	9	2	4	69	79	— 2	0	1.8	— 0.7	11.3	11
	Haripur	000	4	5	13	03	98	03	2	933	91	5	0	9	3	0	80	93	374	6	6	05	03	97	03	6	963	73	6	7	6	0	0	71	70			21.9	—	29.0	—
D.I.-Khan	Bannu	000	0	5	13	02	99	07	2	092	99	0	0	9	7	0	72	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			5.0	—	7.3	11
	D.I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	030	0	6	09	03	96	05	1	936	87	6	0	9	4	0	77	13	—	+ 1	0.7	— 2.8	2.9	9
Quetta	Sibi																																								5
	Nokkundi	000	0	0	31	03	92	05	4	880	00	0	0	9	0	0	58	01	000	0	0	31	28	94	50	3	945	79	0	0	9	0	0	37	72			0.0	—	0.2	2
Kalat	Turbat																																								—
	Jiwani	000	0	0	23	09	96	02	0	918	87	0	0	9	0	0	75	90	000	0	0	13	07	96	06	0	921	82	0	0	9	0	0	76	80			0.0	—	1.5	5
	Pasni	000	0	0	27	02	97	00	0	942	76	0	0	9	0	0	67	00	000	0	0	27	02	97	02	0	932	76	0	0	9	0	0	67	//	+ 10	—	0.0	—	0.0	6
	Ormara	000	0	1	27	10	96	04	4	914	86	1	6	6	0	0	77	87	000	0	4	25	05	96	02	2	927	82	6	6	6	0	0	75	15			0.0	—	0.0	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	36	03	96	03	0	927	83	0	0	5	0	0	61	/			—	—	—	8
Karachi division	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	1	0	25	07	97	50	5	941	80	8	6	4	/	/	79	80						8
	Karachi (Airports)	001	9	8	23	10	96	02	5	931	81	6	6	4	2	/	78	83	000	1	0	27	09	96	50	5	937	81	8	6	4	0	0	79	81			1.3	—	1.5	—
Hyderabad	Nagarparkar																																								7
	Chhor	000	0	7	23	14	96	03	2	918	77	6	7	6	3	0	77	89	000	0	6	23	12	96	02	2	941	82	2	5	6	3	0	75	79			2.9	—	3.0	7
	Hyderabad	000	0	3	23	09	//	/	2	920	89	3	5	6	0	0	76	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4	—	1.8	— 2.4	2.2	9
	Badin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	9	7	28	09	96	03	2	950	82	7	6	5	0	0	76	80			1.1	—	1.7	—
Khairpur	Padidan	000	0	2	18	05	96	02	0	807	04	0	0	9	0	1	71	05	000	0	0	13	05	96	02	0	928	83	0	0	9	0	0	75	80			0.2	—	0.2	—
	Nawabshah	000	0	0	18	02	96	05	0	896	00	0	0	9	0	0	78	03	000	0	0	18	10	96	02	0	934	83	0	0	9	0	0	77	80			0.6	—	0.6	4
	Sukkur	000	0	0	23	03	96	02	0	999	//	0	0	9	0	0	78	05	000	0	6	23	05	96	03	0	932	84	6	0	9	6	0	75	80			1.8	—	2.2	—
	Kashmore																																								4
	Jacobabad	000	0	2	13	07	96	05	0	865	00	0	0	9	0	4	77	00	000	0	0	13	09	95	05	0	929	84	0	0	9	0	0	80	80	— 5	— 3	2.7	+ 0.7	2.6	20
Junagadh	Veraval																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar *																																								71
	Gulmarg *																																								26
	Sonamarg *																																								3
	Dras *																																								6
	Leh *																																								—
	Skardu																																								—
	Misgar *																																								5
	Allabad *																																								59
	Gilgit *																																								18
Rawalpindi	Murree *	030	8	5	31	09	98	02	9	370	70	5	1	4	0	0	64	70	040	0	6	09	02	97	02	9	400	62	6	5	3	0	0	61	60	— 5	— 1	33.2	+ 12.4	42.6	29
Malakand	Drosh *	030	0	1	23	10	97	06	0	302	98	1	1	7	0	0	//	06	000	0	3	00	00	95	05	4	367	81	3	/	6	0	0	58	80	— 10	+ 7	1.6	—	10.1	—
Peshawar	Cherat *	000	0	4	18	06	96	01	1	363	84	4	4	8	0	0	69	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1	—	7.7	+ 1.7	15.3	—
	Kakul *	009	0	3	16	05	95	05	1	366	79	2	4	6	0	0	64	83	040	1	6	09	02	97	02	9	400	62	6	5	3	0	0	61	60			22.1	—	38.1	29
	Landikotal	000	0	5	18	05	97	03	0	359	79	5	5	/	2	0	74	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			9.8	—	19.4	13
	Parachinar	000	0	3	13	03	97	03	0	360	85	3	3	7	0	0	59	87	003	3	0	13	02	97	01	9	391	74	0	0	9	0	0	62	67	+ 2	+ 2	9.1	—	16.6	11
D.I. Khan	Miranshah *	000	0	6	05	05	97	00	2	365	94	6	0	9	0	2	63	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.9	—	1.8	13
	Wana *	000	0	0	13	06	96	00	0	381	88	0	0	9	0	0	87	94	000	0	4	13	02	98	01	0	381	78	4	5	5	0	0	75	83			0.9	—	1.6	—
Quetta	Fort Sandeman *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	31	03	95	05	0	370	80	0	0	9	0	0	68	77	—	+ 3	1.9	— 1.5	3.2	9
	Hindubagh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	25	25	92	05	0	///	77	0	0	9	0	0	38	69			0.3	—	2.3	—
	Loralai *																																								14
	Barkhan *																																								9
	Harnai *	000	0	0	13	01	96	02	0	363	93	0	0	9	0	0	67	98	000	0	0	13	01	96	02	0	353	84	0	0	9	0	0	71	81			0.0	— 4.7	0.2	8
	Samungli (Quetta) *	000	0	0	31	05	92	06	0	347	93	0	0	9	0	0	52	95	000	0	0	00	00	94	06	0	383	76	0	0	9	0	0	57	69	+ 2	+ 2	0.0	— 0.8	3.7	—
	Chaman *	000	0	0	27	09	98	05	0	937	96	0	0	9	0	0	59	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4	—	0.0	— 0.1	2.0	—
	Nushki *	000	0	0	23	02	96	06	0	///	//	/	/	/	/	/	/	//	000	0	0	31	03	93	06	0	435	83	0	0	9	0	0	//	62	—	+ 9	0.0	— 1.5	4.1	4
	Dalbandin *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	9	1	27	03	91	05	4	380	81	0	0	9	/	/	35	81			0.0	— 0.2	0.6	7
Kalat	Kalat *	000	0	0	31	01	92	00	2	359	88	0	0	9	0	0	58	88	000	0	6	36	02	90	00	2	373	71	0	0	3	3	0	//	//	— 4		0.0	— 1.0	1.4	—
	Khuzdar *	000	7	3	27	07	95	05	4	337	97	0	0	9	0	1	37	99	000	0	0	31	07	94	06	4	360	85	0	0	9	0	0	41	79			1.4	—	1.7	5
	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 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

When ever 999 is given RRR see the summary box for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 9th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGG$_{iw}$ N dd FF	VV w w W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sC_hh_s$	$OI_sT_sT_dT_d$	$1T_wT_wT_{w1}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BAY OF BENGAL ...	99 1 88	10 9 02	00 9 03	72 3 12	98 0 20	99 9 27	671 2/	14 7 02	...	...	0/ / 25	12 7 80	30 4 03	/ / / /

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000$_{mb}$	850$_{mb}$	700$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$	70$_{mb}$	50$_{mb}$	30$_{mb}$
		PoPoPoToToToDoDo	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	...	MISDA ...	380 172 19	046 108 39	578 021 50	752 127 56	966 263 / /	245 495 / /	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	00 00	990 270 13	...	350 234 65	014 114 64	573 043 / /	746 139 / /	958 305 / /	237 482 / /	420 649 / /	...	...	...	...
Multan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	995 262 41	...	330 236 44	038 152 61	579 023 / /	754 091 / /	970 255 / /	252 441 / /	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	974 294 35	MISDA	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT$_a$ DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmPmPmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	$P_tP_tP_tT_tT_tT_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...	00 00	524 000 / /	168 517 / /	...	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms a.s.l.-->	At 1200 hrs. G.M.T. † of Previous day (ddfff) 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 (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaskilala ...	...	145 15	150 16	135 03	170 05	175 06	...	...	...	No	Ascent	...	...	...	...
Chhor ...	215 15	225 17	240 20	...	...	...	...	...	...	205 17	210 19	215 23	...	...	...
Chittagong ...	150 33	165 34	170 35	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	Ascent	...	...	...	...
Cox's Bazar ...	180 13	180 14	210 24	...	...	...	...	...	...	No	Ascent	...	...	...	...
Dacca ...	155 15	160 25	16 27	...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	255 13	271 21	...	...
D. I. Khan ...	181 9/	185 23	170 24	160 21	125 12	050 11	045 06	...	...	140 07	175 09	170 07	165 03	115 03	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	220 09	210 06	195 09
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	120 11	135 12	155 10	205 08	320 13	310 21	330 29	...	...	090 03	015 05	010 05	035 05	260 02	...
Jiwani ...	210 08	265 14	270 14	275 14	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	245 16	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	265 11	280 07	285 11	075 07	185 11	...	060 09	...	020 05	205 12	215 13	229 12	245 14	249 12	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	315 08	331 01	...
Lahore ...	170 12	175 15	180 15	175 03	245 06	350 08	...	...	...	132 05	...	160 14	225 12	...	...
Multan ...	180 13	188 13	175 17	179 23	160 27	...	...	...	...	205 1	205 13	205 14	270 50	260 05	330 06
Nawab Shah ...	155 15	155 10	210 67	015 05	005 53	345 07	340 10	...	...	170 12	170 13	195 06	170 10	160 12	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...	No	Ascent	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	050 11	085 08	160 11	185 09	250 07	320 16	275 12	...	...	350 05	335 03	225 03	250 05	285 06
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	015 01	275 04
Quetta ...	...	...	...	...	275 19	280 26	...	...	...	...	...	...	...	290 17	260 16
Sargodha ...	145 12	155 13	160 13	170 13	175 19	...	...	...	...	135 11	195 11	275 07	255 06	230 08	250 11
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in kms a.s.l.-->	At 0600 hrs. G.M.T. † of date (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...
Chaskilala ...	...	140 06	105 05	250 06	260 07	305 04	305 07	230 10	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	175 10	175 24	180 25	180 22	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	015 10	001 01	065 14	...	...	...	...	...	...	...	...
Karachi ...	140 07	...	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	170 13	190 10	...	140 10	120 15	350 04	355 07	325 10	340 07	...	...
Nawab Shah ...	165 12	180 13	045 09	355 08	340 12	345 10	...	...	...	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	015 09	345 05	165 12	225 08	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	095 11	100 15	095 13	065 01	226 8/	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...	250 15	250 15	300 16	300 19	350 22	340 17	035 13	070 17	065 11	065 09	...	...	...	...	...	...	...	...	...	...	...
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V, V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

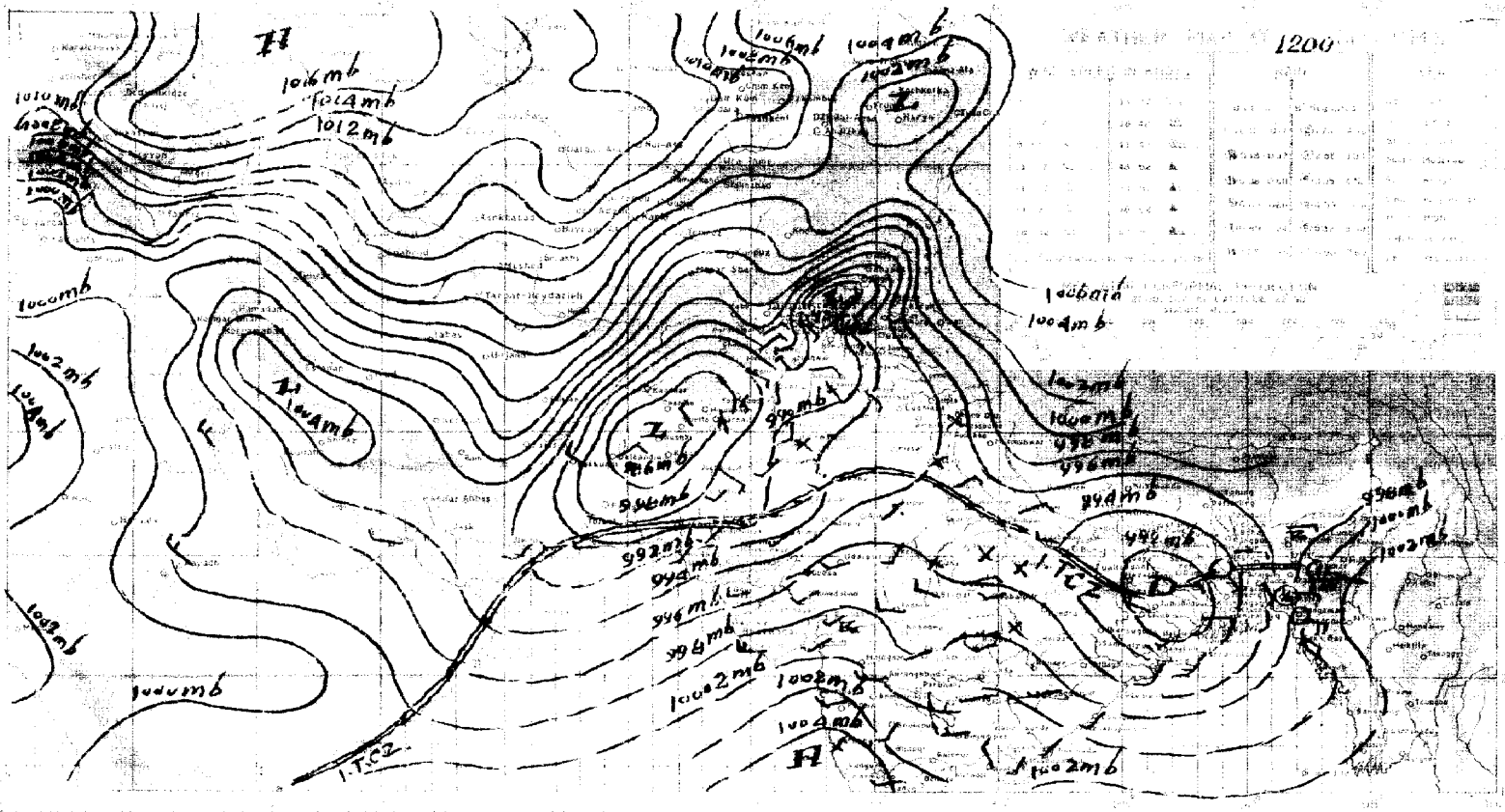
The actual time of observations may vary within h If an hour of the specified time.

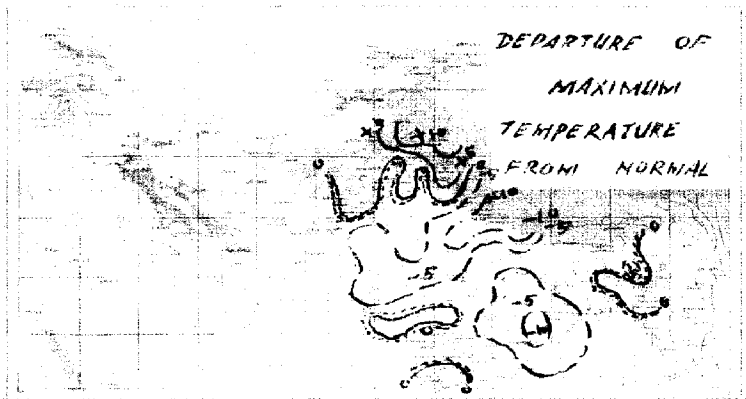
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East The next three figures give the wind speed "fff" in knots or in knots increased by 500.

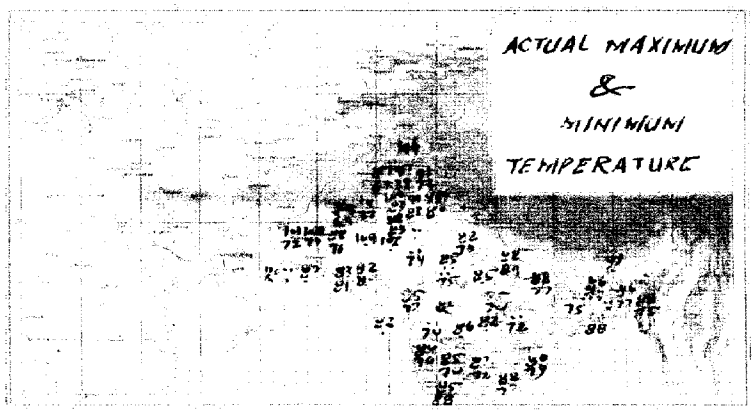
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist Main Analysis Centre, University Road Karachi—32

PAKISTAN DAILY WEATHER MAP

SUNDAY 8th AUGUST 1971.

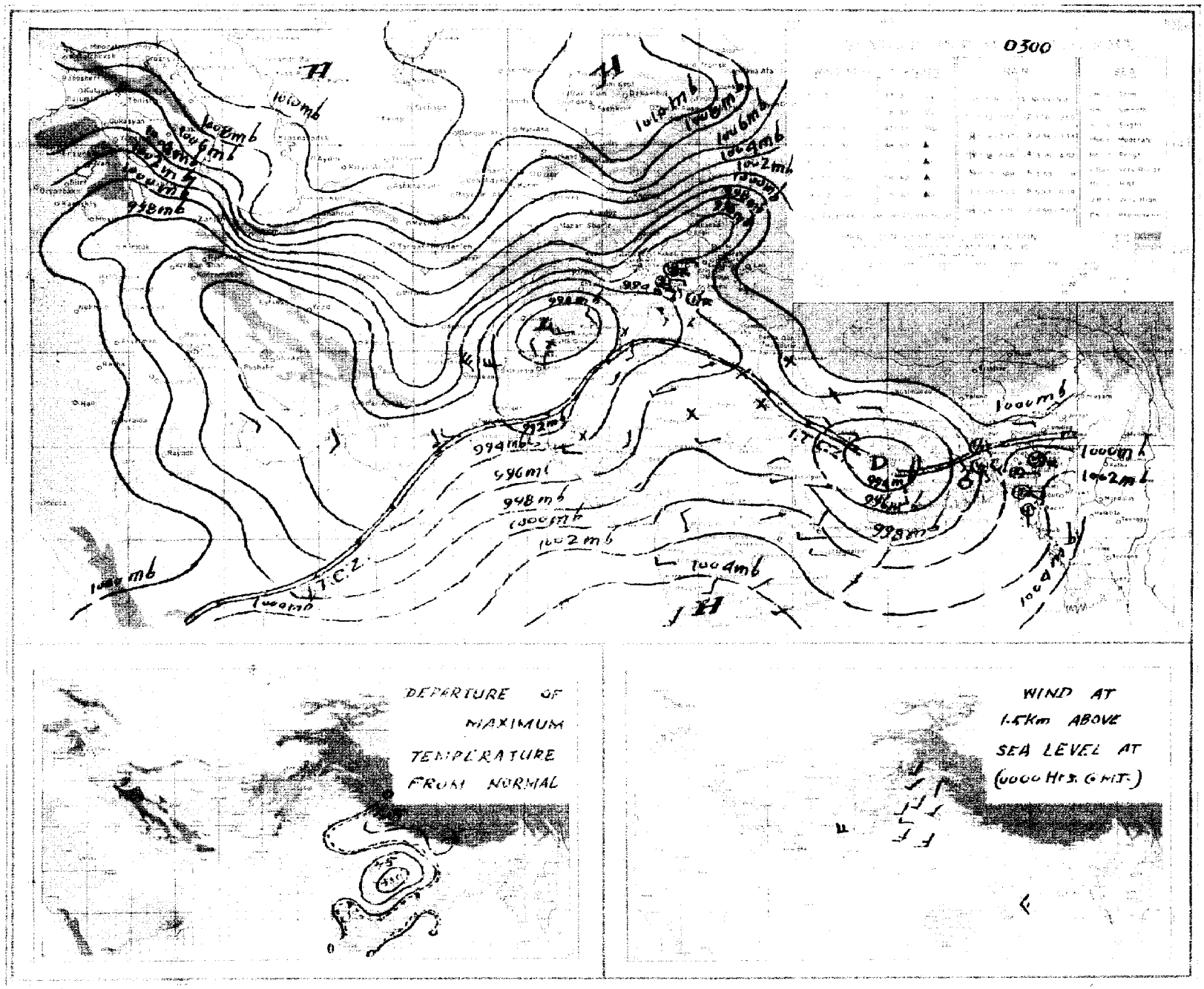






PAKISTAN DAILY WEATHER MAP

MONDAY 9th AUGUST, 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

TUESDAY THE 10th AUGUST, 1971.

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

Data from East Pakistan completely absent.

Yesterday's land depression near Gaya which last evening weakened into a well marked low now lies over east Uttar Pradesh and adjoining Bihar.

Local rain/thundershowers have occured in Chittagong and Dacca divisions and scattered in Khulna and Rajshahi divisions (upto 1200 GMT).

Yesterday's trough over Kashmir still persists.

A westerly low pressure wave is moving across north of Kashmir.

Rain/thundershowers have been fairly widespread in Lahore, Rawalpindi and Peshawar divisions and scattered in Sargodha division. Isolated thunderstorm has also been reported form Quetta division.

Chief amounts of rainfall are Sargodha 2", Haripur 1½", Rawalpindi, Peshawar and Sandwip and Sialkot (upto 1200 GMT) 3/4" each, Murree and Rangamati, Chittagong, Sylhet and Dacca (upto 1200 GMT) ½" each and Lahore, Cherat,, Kakul and Hatyia, Narayanganj and Bogra (upto 1200 GMT) ¼" each.

Day temperatures were 3–8 °F (2–4 °C) below normal in Chittagong, Lahore, Rawalpindi, Multan, Peshawar, central Quetta, Hyderabad and Khairpur divisions.

Forecast valid until the evening of the 11th August 1971 :—Rain/thundershowers will be fairly widespread over southern districts and local elsewhere over East Pakistan and scattered over Lahore and Rawalpindi divisions and in Kashmir. A few thunderstorms/showers are also likely to occur over Multan, Sargodha and D. I. Khan divisions.

Earth Quake Report The seismographs of the geophysical centre, Quetta have recorded an earth quake of moderate intensity on 9th August, 1971 at 07 hours 50 minutes WPST. Its epicentre lies about 1000 miles northwest of Quetta near Caspian Sea northern Iran.

Karachi-32
The 10th August, 1971.

OBSERVATIONS

M. SHAHABUDDIN
for Director Meteorological Services.

At 12 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)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)° PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud from † 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 ...	059	4	7	18	02	97	05	6	C07	80	6	7	5	7	1	77	83
	Cox's Bazar ...	000	0	5	13	05	96	01	2	991	83	3	4	4	3	0	79	85
	Chittagong ...	041	9	7	18	07	96	02	6	988	83	3	5	5	3	2	79	85
	Maijdee Court ...	010	9	8	18	02	95	61	6	976	80	8	5	4	2	1	71	//
	Comilla ...	000	0	4	13	05	96	02	2	971	79	4	4	7	0	0	79	83
	Brahmanbaria ...																	
	Sylhet ...	059	9	7	05	02	96	02	6	982	77	4	5	5	3	/	76	87
	Srimangal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narayanganj ...	021	6	8	13	03	95	02	6	974	85	8	6	6	/	/	79	85
	Dacca (Tejgaon) ...	057	5	7	13	02	97	03	9	972	83	3	3	4	4	3	75	83
	Faridpur ...	000	0	4	16	05	96	02	2	950	84	2	4	5	1	0	79	86
Khulna	Barisal ...	003	5	7	18	03	97	02	6	972	85	5	6	4	2	8	80	85
	Khulna ...																	
	Satkhira ...	000	0	0	00	00	97	03	2	960	85	4	3	9	1	2	69	87
	Jessore ...	002	8	6	13	05	96	01	6	///	85	2	6	4	2	0	75	87
Rajshahi	Pabna ...																	
	Sirajganj ...																	
	Rajshahi ...	000	0	6	16	02	96	02	0	950	85	4	2	5	3	0	83	91
	Bogra ...	018	1	8	13	05	97	03	6	959	28	5	5	4	4	0	79	87
	Dinajpur ...																	
	Rangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	023	1	6	31	00	96	63	2	937	84	4	4	6	2	0	79	93
	Sialkot ...	080	0	4	09	02	99	03	1	944	88	4	5	6	0	0	73	87
Rawalpindi	Jhelum ...	025	0	6	13	02	98	02	2	936	89	1	1	6	7	0	77	90
	Islamabad ...																	
	Rawalpindi ...	022	0	1	13	03	97	01	1	931	87	1	1	6	0	0	76	89
	Campbellpur ...	000	0	4	13	07	96	05	2	920	98	2	5	6	3	0	77	99
Sargodha	Khushab ...	000	0	7	09	05	97	03	2	917	98	4	2	9	3	4	75	99
	Sargodha ...	00?	0	2	13	05	96	06	1	920	95	1	8	6	0	/	75	98
	Lyallpur ...	000	0	6	07	02	97	02	1	918	94	6	4	7	0	0	61	99
Multan	Sahiwal ...																	
	Multan ...	000	0	4	13	05	96	02	1	920	97	3	1	6	0	1	73	99
	Leiah ...	000	0	0	30	02	95	00	0	920	03	0	0	9	0	0	75	03
Bahawalpur	Khanpur ...	000	0	0	13	03	96	02	0	917	98	0	0	9	0	0	70	99
	Bahawalpur ...																	
	Fort Abbas ...	///	/	0	00	00	98	00	0	903	98	0	0	9	0	0	93	10
Malakand	Chakdara ...																	
Peshawar	Peshawar ...	000	0	7	36	03	97	03	2	913	90	3	3	6	0	1	69	92
	Haripur ...	0?0	6	0	23	02	97	01	4	951	82	0	0	9	0	0	65	93
D. I. Khan	Bannu ...	000	0	6	11	02	98	04	2	932	95	3	2	7	7	0	74	95
	D. I. Khan ...	000	0	4	13	07	96	05	2	920	98	2	5	6	3	0	77	99
Quetta	Sibi ...																	
	Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kalat	Turbat ...	000	0	0	23	02	98	00	0	992	02	0	0	9	0	0	83	02
	Jiwani ...	000	0	0	13	19	95	06	0	991	86	0	0	9	0	0	75	89
	Pasni ...	000	0	0	27	02	97	02	0	942	76	0	0	9	0	0	67	00
	Ormara ...	000	0	6	20	09	96	02	2	912	88	1	6	6	2	0	78	91
	Lasbela ...																	
Karachi division	Karachi (Manora) ...	000	9	8	25	09	96	03	5	932	82	8	6	4	/		78	83
	Karachi (Airport) ...	000	0	8	27	05	96	02	5	935	83	6	6	4	3		73	83
Hyderabad	Nagarparker ...																	
	Chhor ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hyderabad ...	000	0	3	23	07	//	//	/	927	88	3	5	6	0	0	78	93
	Badin ...	000	0	5	23	10	96	01	2	945	85	5	4	6	0	0	76	90
Khairpur	Padidan ...	000	0	0	12	03	96	02	0	903	02	1	1	7	0	0	69	04
	Nawabshah ...	000	0	2	13	07	96	05	0	912	99	2	0	9	0	0	78	99
	Sukkur ...	000	0	6	02	03	96	03	0	909	01	6	0	9	6	0	76	02
	Kashmore ...	000	0	0	23	02	98	02	0	946	01	0	0	9	0	0	78	01
	Jacobabad ...	000	0	0	18	03	96	05	0	911	95	0	0	9	0	0	77	96
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	8	05	04	96	03	1	382	70	8	5	3	/	/	66	//
Malakand	Drosh * ...	000	0	5	23	10	96	05	4	344	93	4	2	7	9	0	49	96
Peshawar	Cherat * ...	000	0	4	18	07	96	01	2	395	77	4	4	8	0	0	71	80
	Kakul * ...	053	0	5	16	09	95	05	1	385	78	4	3	5	0	3	67	83
	Landikotal * ...	000	0	6	18	05	97	02	2	///	85	6	0	/	2	0	72	89
	Parachinar * ...	000	2	7	13	05	97	17	9	385	76	5	9	6	3	0	66	81
D.I. Khan	Miranshah * ...	000	0	8	05	05	97	00	1	374	90	8	0	9	0	/	73	91
	Wana * ...	000	0	0	13	04	98	00	0	381	87	0	0	9	0	0	83	90
Quetta	Fort Sandeman * ...	000	0	5	13	02	96	05	9	355	89	4	4	7	1	3	52	95
	Hindubagh * ...	000	0	0	34	02	94	05	0	///	94	0	0	9	0	0	//	97
	Loralai * ...																	
	Barkhan * ...																	
	Harnai * ...	000	0	0	13	01	96	02	0	370	93	0	0	9	0	0	63	94
	Samungli (Quetta) * ...	000	0	0	31	03	94	06	0	349	94	0	0	9	0	0	81	94
	Chaman * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nushki * ...	000	0	0	23	07	93	06	4	412	93	0	0	9	0	0	37	98
	Dalbandin * ...	000	0	0	23	05	91	05	4	///	93	0	0	9	0	0	//	//
Kalat	Kalat * ...	000	0	0	00	00	96	00	2	302	83	0	2	9	0	0	53	90
	Khuzdar * ...	000	0	5	13	03	//	06	4	343	94	0	0	9	0	0	56	96
	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 degree 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 TnTn (36)	Departure from Normal: Maximum temperature TxTx (37)	Departure from Normal: Minimum temperature TnTn (38)	Rainfall: Since 1st June, 1971 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1971 to-date (41)	Annual Normal (42)
Chittagong	Rangamati ...	059	0	6	18	02	98	02	2	032	80	3	4	6	7	2	75	79						—
	Cox's Bazar ...	087	9	8	00	00	96	61	6	019	75	6	4	4	5	0	74	75	0	— 1				140
	Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—				108
	Maijdee Court ...	010	9	5	28	02	97	01	6	004	//	4	2	5	2	0	83	//	—	—				115
	Comilla ...	016	7	2	18	09	96	//	6	008	83	2	4	7	0	0	75	75	— 4	— 2				94
	Brahmanbaria ...																							78
	Sylhet ...	056	9	7	05	05	96	02	6	012	83	5	4	5	3	/	75	75						—
	Srimangal ...	012	5	6	00	00	96	03	9	018	//	2	2	3	4	3	74	74	—	— 2				98
Dacca	Mymensingh ...	000	0	1	//	04	97	02	2	012	83	6	5	4	0	0	79	75	—	— 3				91
	Narayanganj ...	021	0	5	13	02	97	02	2	005	86	5	3	5	1	1	75	//	— 2	—				74
	Dacca (Tejgaon) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Faridpur ...	003	0	6	16	05	90	02	2	993	83	6	4	5	1	0	79	73	— 1	— 4				71
Khulna	Barisal ...	004	6	6	18	05	97	01	6	001	83	5	4	4	2	8	79	60	— 2	+ 2				81
	Khulna ...																							68
	Satkhira ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						65
	Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—				65
Rajshahi	Pabna ...																							59
	Sirajganj ...																							64
	Rajshahi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Bogra ...	047	5	7	13	03	97	03	6	998	83	5	5	4	3	0	87	/	— 1	—				69
	Dinajpur ...																		—	—				72
	Rangpur ...	155	9	7	09	02	96	00	6	006	85	4	0	9	1	0	80	80	—	+ 2				84
Kashmir	Jammu ...																							—
Lahore	Lahore (Jail Rd.) ...	025	0	7	00	00	97	02	0	972	81	3	4	6	2	0	77	79	— 5	— 1	8.7	+ 0.0	11.7	19
	Sialkot ...	000	0	0	09	02	98	02	2	978	81	6	5	5	2	/	79	75	— 6	— 4	18.3	+ 4.3	25.1	32
Rawalpindi	Jhelum ...	000	5	8	31	02	97	61	6	982	77	3	5	6	2		73	75			12.7	—	17.4	—
	Islamabad ...																							—
	Rawalpindi ...	080	4	7	05	05	97	29	9	973	71	4	3	6	2	0	69	69	— 6	+ 3	23.5	+10.1	23.8	36
	Campbellpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
Sargodha	Khushab ...	033	0	8	05	05	97	02	2	986	80	6	2	9	2	0	78		— 1	—	0.9	— 5.6	1.6	15
	Sargodha ...	220	8	5	05	03	97	03	9	973	77	1	8	6	3	1	73	72			5.9	—	10.0	—
	Lyallpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—	5.1	— 0.1	8.4	12
Multan	Sahiwal ...																							10
	Multan ...	000	0	2	00	00	96	05		953	90	2	0	9	3	0	69	85	— 2	+ 2	2.5	— 0.8	3.1	7
	Leiah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
Bahawalpur	Khanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	1.1	— 2.5	1.5	6
	Bahawalpur ...																							6
	Fort Abbas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
Malakand	Chakdara ...																							—
Peshawar	Peshawar ...	069	6	7	36	02	97	29		978	76	5	6	4	4		73	77	— 7	— 6	2.5	— 0.1	12.0	11
	Haripur ...	160	5	8	36	02	97	03	6	990	73	8	5	6	0	0	70	66			23.5	—	31.4	—
D. I. Khan	Bannu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			5.0	—	7.3	11
	D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2	—	0.7	— 3.0	3.0	9
Quetta	Sibi ...																							5
	Nokkundi ...	000	0	0	33	03	95	05	4	960	82	0	0	9	0	0		76			0.0	—	0.2	2
Kalat	Turbat ...	000	0	0	18	02	98	00	0	015	84	0	0	9	0	0	75	82			0.0	—	0.0	—
	Jiwani ...	000	0	4	13	07	//	06	1	958	81	4	6	5	0	0	77	60			0.0	—	1.5	5
	Pasni ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		0.0	— 0.8	0.0	6
	Ormara ...	000	0	6	00	00	96	02	2	960	82	3	3	6	0	2	76	//			0.0	— 0.7	0.0	6
	Lasbela ...																							8
Karachi division	Karachi (Manora) ...	030	0	6	25	05	96	02	2	970	82	6	6	4	0	0	78	81						8
	Karachi (Airport) ...	030	9	7	27	02	96	02	2	963	82	4	6	4	3	0	77	60			1.3	—	1.5	—
Hyderabad	Nagarparker ...																							—
	Chhor ...	000	0	6	23	10	//	//	/	969	82	5	6	6	3	0	76	80			3.0	—	3.0	7
	Hyderabad ...	000	0	1	30	00	97	01	1	963	84	0	0	9	0	/	75	81	— 3	+ 2	1.8	—	2.2	9
	Badin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			1.7	—	1.7	—
Khairpur	Padidan ...	000	0	0	13	03	96	03	0	956	83	0	0	9	0	7	77	81			0.2	—	0.2	—
	Nawabshah ...	000	0	0	18	07	96	05	0	960	83	0	0	9	0	0	77	77			0.6	—	0.6	4
	Sukkur ...	000	0	6	13	05	96	03	0	963	85	6	0	9	6	0	76	/			1.8	—	2.2	—
	Kashmore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						4
	Jacobabad ...	000	0	0	18	02	//	02	0	962	84	0	0	9	0	0	74	//	+ 9	—	2.3	+ 0.5	2.6	20
Junagadh	Veraval ...																							26
	HILL STATIONS																							—
Kashmir	Srinagar * ...																							71
	Gulmarg ** ...																							26
	Sonamarg ** ...																							3
	Dras ** ...																							6
	Leh ** ...																							—
	Skardu * ...																							—
	Misgar ** ...																							5
	Aliabad * ...																							59
	Gilgit * ...																							18
Rawalpindi	Murree * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	33.7	+12.2	43.1	29
Malakand	Drosh * ...	000	0	4	00	00	96	05	4	407	79	3	2	7	4	0	57	77	0	+ 4	1.6	—	10.1	—
Peshawar	Cherat * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 7	—	8.0	+ 1.6	15.6	—
	Kakul * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			22.3	—	38.3	29
	Landikotal * ...	000	0	8	09	05	97	02	2	405	71	6	8	/	0	0	68	69			9.4	—	19.4	13
	Parachinar * ...	001	3	3	00	00	97	02	9	410	72	2	5	6	3	0	62	67	+ 4	— 2	9.1	—	16.6	11
D.I. Khan	Miranshah * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.9	—	1.8	13
	Wana * ...	000	0	0	00	00	98	00	0	381	70	0	0	9	0	0	75	75			0.9	—	1.6	—
Quetta	Fort Sandeman * ...	000	0	0	31	02	96	05	0	393	80	0	0	9	0	0	65	76	— 3	— 2	2.0	— 1.6	3.2	9
	Hindubagh * ...	000	0	0	02	09	92	05	0	///	79	0	0	9	0	0	//	68			0.3	—	2.3	—
	Loralai * ...																							14
	Barkhan * ...																							9
	Harnai * ...	000	0	0	13	01	96	03	0	375	83	0	2	7	/	/	71	81			0.0	— 4.8	0.2	8
	Samungli (Quetta) * ...	000	0	0	00	00	95	06	0	405	77	0	0	9	0	0	59	73	— 1	+ 6	0.0	— 0.8	3.7	—
	Chaman * ...	030	0	0	00	00	98	00	0	456	80	0	0	9	0	0	46	79	—	+ 5	0.0	— 0.1	2.0	—
	Nushki * ...	000	0	0	00	00	94	06	0	446	85	0	0	9	0	0	33	60			0.0	—	1.5	4
	Dalbandin * ...	000	0	0	23	02	93	05	4	402	83	6	0	9	/	/	69	81			0.0	— 0.3	0.6	7
Kalat	Kalat * ...	000	0	0	00	00	97	00	0	396	71	0	0	9	0	0	42	//	— 2	—	0.0	— 1.0	1.4	—
	Khuzdar * ...	000	0	6	00	00	94	06	4	386	82	3	5	6	2	0	41	80			1.4	—	1.7	5
	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 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.

When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUESDAY THE 10th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99L$_a$L$_a$L$_a$	Q$_c$L$_o$L$_o$L$_o$L$_o$	YYGG$_{iw}$ N dd FF	VV $_w$ $_w$ W	PPP TT	N$_h$C$_L$hC$_M$C$_H$	D$_s$V$_s$a PP	7RR t$_R$t$_R$	8N$_s$Ch$_s$h$_s$	OI$_s$T$_s$T$_d$T$_d$	1T$_w$T$_w$ T$_{wi}$T	3P$_w$P$_w$H$_w$H$_w$	d$_w$d$_w$P$_w$H$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA ...	69 2 06	10 6 49	10 0 64	82 3 19	96 0 22	98 5 27	87 4 / /	33 2 15	...	...	0/ / 25	12 5 50	30 4 00	23 6 04

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000$_{mb}$	850$_{mb}$	700$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$	70$_{mb}$	50$_{mb}$	30$_{mb}$
		PoPoPoToToToDoDo	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	...	MISDA	...	...	...	...	...	...	...	...	...	...	...
Dacca ...														
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	993 274 19	...	360 214 39	053 136 63	579 049 71	753 125 88	966 271 / /	245 467 / /	434 511 / /	695 539 / /	...	...	...
Multan ...														
Peshawar ...	00 00	957 232 06	...	355 194 17	035 108 7/	577 027 / /	751 121 / /	967 235 /	251 449 / /	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	976 240 25	MISDA	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PrP TTT$_a$ DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmPm?mdmdmfmfmfm	PcPcPcTcTcTat	dtdtftftft	P$_t$P$_t$P$_t$T$_t$T$_t$T$_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...	00 00	527 000 / /	495 019 / /	...	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms a.s.l.—>	At 1200 hrs. G.M.T. † of Previous day (ddfff)									At 0000 hrs. G.M.T. † of date (ddfff)						At 0600 hrs. G.M.T. † of date (ddfff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 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
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	050 02	120 04	105 05	135 07	220 11	360 06	...	345 07	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	230 15	240 14	250 16	...	205 15	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	165 21	165 25	170 22	190 21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chor-t ...	...	...	...	...	...	...	...	...	...	150 09	150 13	185 15	200 16	235 12	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	160 12	185 18	200 17	195 14	2 5 13	165 17	...	...	...	...	...	270 06	215 05	...	...	115 10	120 13	120 14	130 19	...	...	...	...	...	...	...
Dacca ...	175 15	185 15	180 19	195 25	190 26	175 20	160 22	160 22	170 12	...	...	150 15	160 15	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	065 20	105 20	...	2.5 05	205 04	190 08	...	...	...	225 05	205 04	190 08	...	...	...	...	...
D. I. Khan ...	137 10	140 05	140 07	140 12	135 06	130 04	135 03	...	...	...	...	...	010 02	245 03	281 6	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	225 16	230 16	195 06	160 17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jahurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	115 12	130 18	130 20	160 06	200 04	...	115 12	130 18	130 20	160 06	205 04	...	...	...	...	...	...
Jhelum ...	130 18	145 17	145 13	120 08	005 05	285 11	...	355 25	...	...	...	...	...	...	...	105 19	005 11	115 11	130 11	...	...	...	...	...	...	...
Jiwani ...	135 28	115 39	...	...	...	...	...	...	...	...	...	...	...	...	...	260 07	265 08	335 06	025 13	020 18	...	...	...	...	...	...
Karachi ...	260 04	...	...	...	...	...	...	...	...	210 06	230 07	230 07	230 10	205 11	215 10	210 16	230 07	250 07	230 10	205 11	215 10	...	...	...	...	...
Khanpur ...	175 10	180 11	165 08	195 12	200 07	075 02	040 10	040 07	050 10	...	...	...	040 02	255 08	290 06	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	105 05	105 11	105 09	110 07	200 15	010 16	...	...	...	...	...
Lahore ...	105 06	110 08	120 06	150 05	...	...	...	...	...	175 14	145 02	040 06	310 05	130 04	025 09	275 04	225 05	225 05	195 02	145 07	275 04	230 01	280 01	...	...	...
Multan ...	145 13	140 22	135 24	115 10	085 05	090 09	...	...	...	No	Ascent	...	...	...	...	145 14	145 02	040 06	310 05	130 04	025 09	...	...	...	...	...
Nawab Shah ...	165 07	170 06	165 05	040 07	055 12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	020 05	...	175 02	220 04	250 07	...	265 03	060 03	100 02	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	075 02	270 04	...	...	...	...	075 02	270 04	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	290 17	260 16	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	135 11	195 11	215 07	255 06	230 08	250 11	075 04	080 04	070 05	035 07	320 07	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veravel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V$_r$ V$_s$ etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

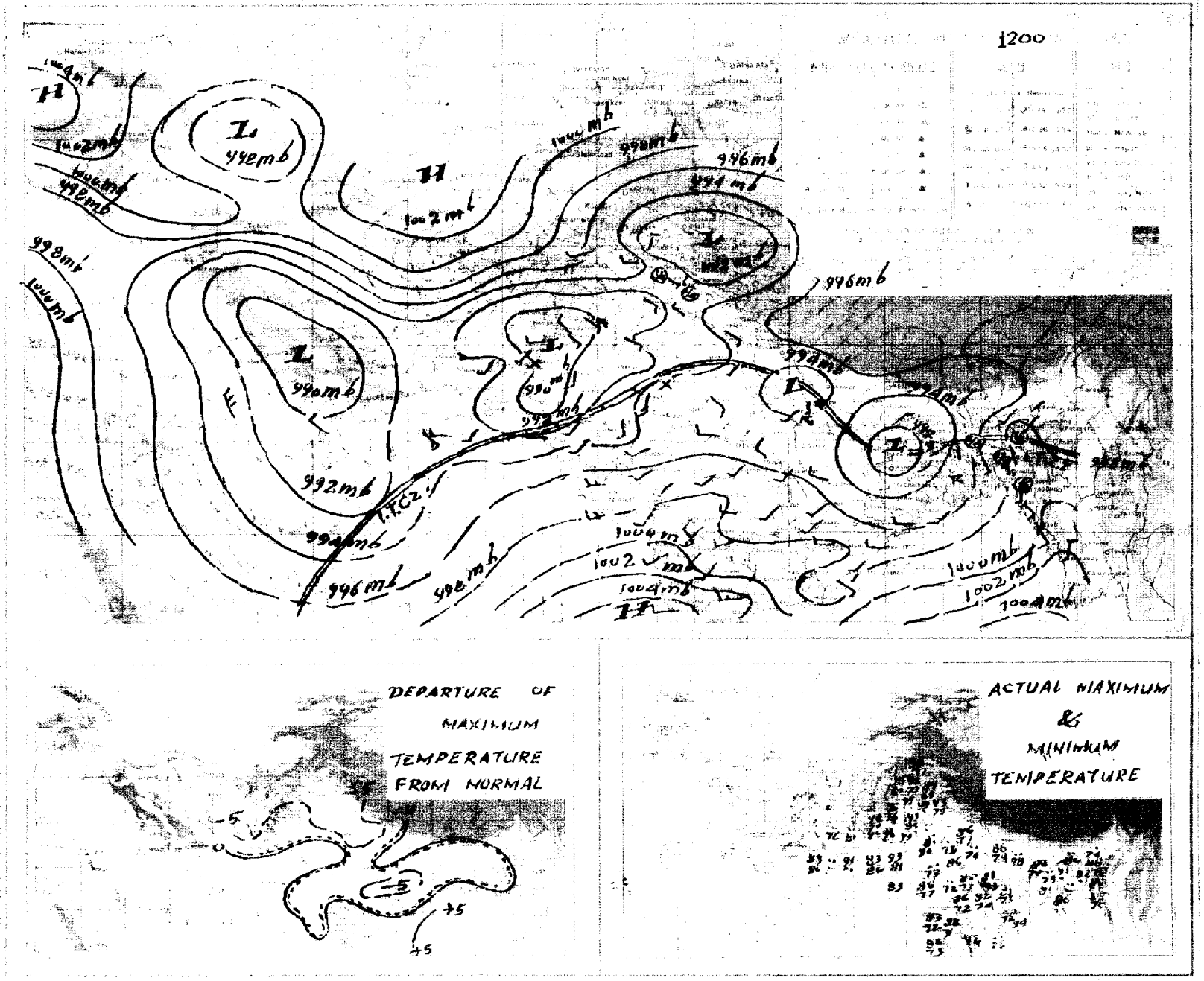
The actual time of observations may vary within h If an hour of the specified time

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

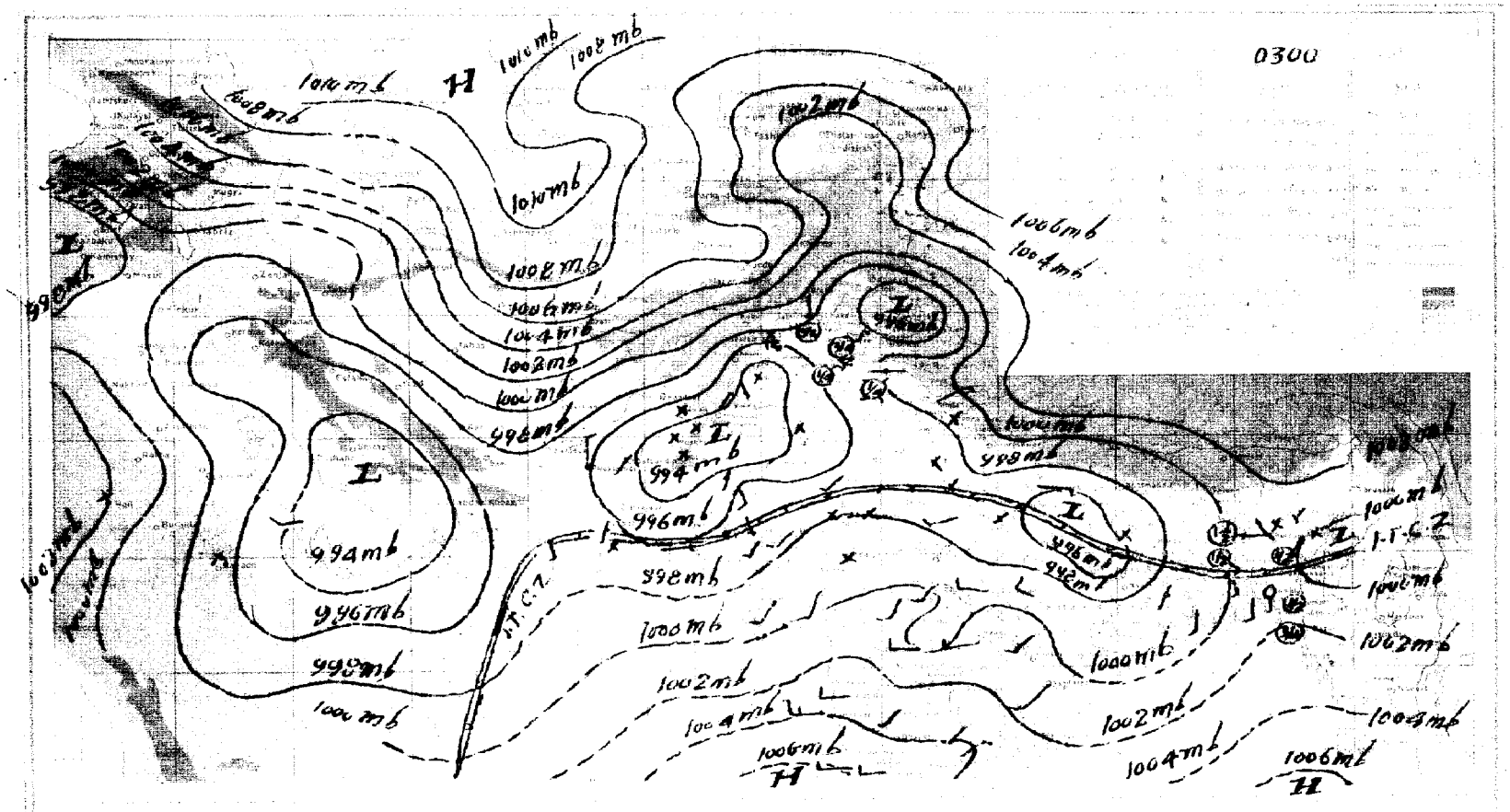
PAKISTAN DAILY WEATHER MAP

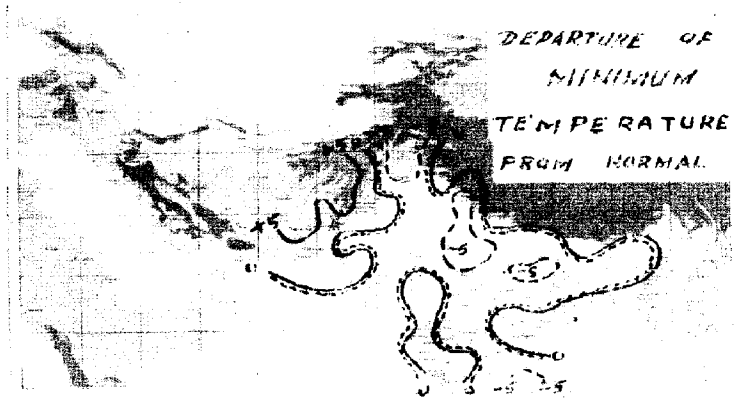
MONDAY 9th AUGUST, 1971

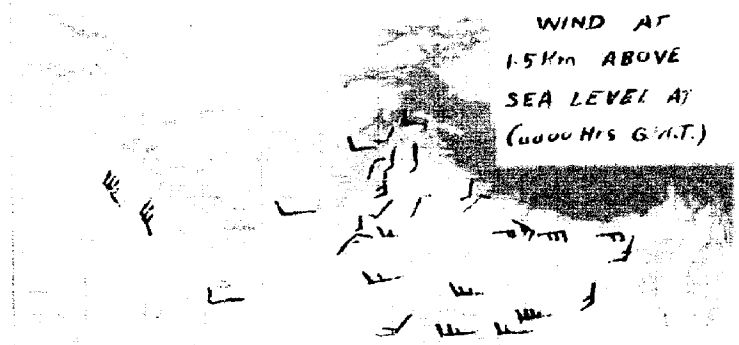


PAKISTAN DAILY WEATHER MAP

TUESDAY 10th AUGUST, 1971







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Pages 1—4 Rs. 5/- per month

PAKISTAN DAILY WEATHER REPORT

2 FEB 1972 Copy

Reg. No. S-1467
Volume No. 25

TUESDAY THE 31st AUGUST, 1971.

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

Yesterday's well marked low over Madhya Pradesh has apparently concentrated into a land depression centred at 31.0300 GMT about 70 miles northeast of Bhopal. It is likely to move initially in a north-northwesterly direction.

Rain/thundershowers have been widespread in Dacca and Khulna divisions and local elsewhere in East Pakistan.

The well marked low over southwest Rajasthan and adjoining areas of Hyderabad and Khairpur divisions and now lies as a low over there.

Yesterday's westerly trough over Malakand and Peshawar divisions and adjoining Kashmir has moved away eastwards.

A fresh secondary western disturbance is now moving across Russian Turkistan north of Afghanistan.

Rain/thundershowers have been fairly widespread in Sargodha division, local in Lahore, Rawalpindi, Karachi, Hyderabad and Khairpur divisions and scattered in Peshawar, Quetta and Kalat divisions. Drizzle has also fallen in Malakand division.

Chief amounts of rainfall are Rajshahi and Satkhira 2" each, Maijdee Court, Bhola and Sargodha 1½" each, Hatiya, Barisal and Kakul 3/4" each, Narayanganj, Faridpur, Jessore, Bogra and Fort Sandeman ½" each and Comilla, Mymensingh, Dacca, Khulna and Karachi Airport ¼" each.

Day temperatures were 7—10 °F (4—6 °C) below normal in southern Dacca, Khulna and Rajshahi divisions and 3—6 °F (2—3 °C) so in Multan and Peshawar divisions and were 6—8 °F (3—4 °C) above normal in Karachi and Hyderabad divisions.

Forecast valid until the evening of the 1st September, 1971 :—Rain/thundershowers will be widespread over East Pakistan with locally heavy falls local in Lahore, Rawalpindi, Hyderabad and Khairpur divisions and scattered elsewhere in West Pakistan and in Kashmir.

Karachi-32
The 31st August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

Columns 3–19: At 12 Hrs. G.M.T. of Previous day. Columns 20–36: At 0300 Hrs. G.M.T. of date. Columns 37–38: Departure from Normal of. Columns 39–42: Rainfall.

Divisions	Stations	Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	Winds speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)° PPP	Dry Bulb temperature° TT	Amount of Lowest Cloud † Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx	Rainfall in Cents RRR	Past weather commenced at † Wr	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 TnTn	Maximum temperature TxTx	Minimum temperature TnTn	Since 1st June, 1971 co-date	Departure from normal	Since 1st January, 1971 co-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 ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	003	0	6	18	02	98	02	2	099	80	3	4	6	7	0	75	77						—
	Cox's Bazar ...	000	5	7	13	04	96	01	2	053	79	3	4	4	2	0	74	80	000	0	6	18	09	96	03	2	087	83	4	4	3	0		77	75	— 6	— 1				140
	Chittagong ...	000	8	7	18	06	96	02	2	074	80	5	4	4	3	0	75	86	000	0	6	18	07	97	02	2	085	85	3	4	4	3	0	75	77	0	+ 1				108
	Maijdee Court ...	070	9	8	18	02	96	03	6	038	79	4	2	5	2	/	67	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				115
	Comilla ...	000	0	1	30	05	96	02	2	044	80	7	4	4	0	0	//	84	024	9	5	00	00	96	02	6	081	80	3	4	5	3	0	77	75	— 4	— 2				94
	Brahmanbaria ...	009	2	8	00	00	96	61	2	056	//	5	3	4	2	1	89	90	011	9	7	13	02	97	02	6	083	80	4	4	5	6	0	75	//						76
	Sylhet ...	012	9	0	00	00	96	95	9	057	79	6	9	3	2	/	74	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Srimangal ...																																								98
Dacca	Mymensingh ...	025	7	8	00	00	96	60	6	050	85	8	7	4	0	0	80	87	025	9	7	13	02	97	02	2	091	84	7	5	6	0	0	80	//	0	—				91
	Narayanganj ...	015	4	8	13	04	96	21	6	036	80	5	7	3	/	/	75	80	056	9	8	13	02	97	02	2	087	83	8	6	3			78	//	— 8	—				74
	Dacca (Tejgaon) ...	015	9	8	13	02	96	02	6	040	77	3	9	4	7	/	73	93	019	9	7	13	05	97	02	6	081	80	6	5	4	4	0	77	/						—
	Faridpur ...	052	6	8	16	02	96	60	6	030	79	7	5	5	/	0	75	80	057	0	6	16	05	97	02	2	061	83	4	4	5	/	0	77	76	— 2	— 2				71
Khulna	Barisal ...	091	4	8	13	02	96	61	9	038	75	5	7	4	2	/	75	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 7	—				81
	Khulna ...																																								68
	Satkhira ...	051	5	8	13	02	96	02	6	040	77	3	9	4	7	/	73	//	054	1	8	//	//	96	61	6	068	79	5	7	3	2	/	67	76	—	— 3				65
	Jessore ...	055	9	8	13	02	97	01	6	///	79	8	7	6	1	1	77	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						65
Rajshahi	Pabna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	13	03	98	02	2	080	80	4	4	6	0	0	79	75	—	— 4				59
	Sirajganj ...	015	9	8	09	07	96	51	7	025	79	7	7	3	0	0	75	80	241	6	8	09	02	96	//	6	076	77	8	7	3	2		77	//	—					64
	Rajshahi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	046	4	3	09	05	97	02	6	077	80	7	5	4	3	0	75	75	—	— 3				—
	Bogra ...	000	5	8	09	02	96	03	6	031	79	8	7	6	1	1	75	//	016	1	0	19	02	96	02	2	075	80	7	6	5				77	—	0				69
	Dinajpur ...	048	3	6	09	02	96	01	6	025		6	0	9	2	0	80	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—				72
	Rangpur ...																																								84
Kashmir	Jammu ...																		000	0	1	03	03	97	01	1	033	83	1	0	3	3	0	76	77	— 3	— 1	10.5	— 1.8	13.5	19
Lahore	Lahore (Jail Rd.) ...	000	7	7	31	07	97	17	9	989	82	5	6	9	2	1	68	94	000	0	5	09	02	99	03	0	035	81	5	0	9	4	0	74	75	—	— 2	22.3	+ 2.2	32.1	32
	Sialkot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	00	00	97	03	0	024	79	1	0	9	3	0	73	72			3.4	—	19.6	—
Rawalpindi	Jhelum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...																							—
	Islamabad ...																		002	0	1	00	00	97	03	0	023	76	1	1	6	0	0	69	68	—	— 6	29.1	+ 9.6	37.4	36
	Rawalpindi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...																							—
	Campbellpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	00	0	021	83	0	0	9	0	0	73	//	—	—	1.7	— 7.8	1.7	15
Sargodha	Khushab ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	133	0	1	09	03	97	01	0	024	78	0	0	9	0	1	74	70			8.3	—	12.3	—
	Sargodha ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	010	9	4	36	02	97	02	9	024	81	0	0	9	0	0	69	73	—	— 6	5.4	— 2.3	8.6	12
	Lyallpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...																							10
Multan	Sahiwal ...	000	0	3	00	00	97	03	0	969	95	0	0	9	0	1	72	97	000	0	3	00	00	96	66	0	018	85	1	5	6	3	0	74	79	— 3	— 2	4.6	+ 0.2	5.2	7
	Multan ...	000	0	0	36	02	95	00	0	892	02	0	0	9	0	0	74	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
	Leiah ...																																								6
Bahawalpur	Khanpur ...	000	0	5	05	05	96	02	1	953	01	4	2	6	3	0	66	02	000	0	4	00	00	96	03	6	016	86	2	8	6	3	0	73	77			1.1	— 3.6	1.5	6
	Bahawalpur ...	000	0	0	00	00	96	00	0	958	93	0	0	9	0	0	68	00	000	0	3	00	00	96	00	0	027	88	0	0	9	0	0	72	81			0.0	— 4.1	2.1	
	Fort Abbas ...	000	0	0	00	00	98	00	0	955	96	0	0	9	0	0	81	97	///	/	0	00	03	98	00	0	010	10	0	0	9	0	0	83	56						8
Malakand	Chakdara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	00	00	98	01	0	014	73	0	0	9	0	0	69	69			11.6	—	4.5	—
Peshawar	Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	00	00	97	02	9	021	80	1	0	9	3	1	//	//	—	—	4.1	+ 0.5	13.6	11
	Haripur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	3	4	05	03	95	03	2	037	77	4	0	9	3	0	65	67			24.4	—	32.3	—
D.I. Khan	Bannu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	3	00	00	98	03	1	044	79	0	0	9	7	0	72	77			5.0	—	7.3	11
	D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	02	6	029	83	0	0	9	0	0	71	//	—	—	0.9	—	1.6	9
Quetta	Sibi ...																																								5
	Nokkundi ...	000	0	0	31	10	97	02	0	908	05	0	0	9	0	0	45	//	000	0	0	31	21	97	02	0	966	87	0	0	9	0	0	45	60			0.0	—	0.2	2
Kalat	Turbat ...																		000	0	6	15	12	96	05	0	015	81	6	6	4	0	0	77	80			0.0	—	1.5	5
	Jiwani ...	000	0	3	18	05	96	03	1	978	84	3	3	5	0	0	74	86	000	0	0	07	02	97	02	0	942	76	0	0	9	0	0	67	//	+ 11	—	0.0	— 0.9	0.0	6
	Pasni ...	000	0	0	27	05	//	00	0	///	79	0	0	9	0	0	67	00	000	0	0	07	05	96	02	0	091	//	0	6	9	0	0	75	//			0.0	—	0.0	6
	Ormara ...	000	0	1	27	17	96	02	2	964	65	1	6	6	0	0	76	83	000	0	5	00	00	98	02	0	023	80	0	0	9	0	0	71	79			0.0	—	0.0	8
	Lasbela ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...																							8
Karachi division	Karachi (Manora) ...																																								—
	Karachi (Airport) ...	000	0	7	03	00	96	17	9	981	85	2	6	6	2	0	76	96	027	5	6	31	07	96	03	9	015	81	2	6	5	3	0	76	77	— 9	— 1	2.5	— 3.1	2.7	—
Hyderabad	Nagarparker ...																																								7
	Chhor ...																		015	9	3	36	02	95	06	6	016	82	0	0	9	0	1	71	80	+ 9	— 1	2.0	— 3.5	1.4	9
	Hyderabad ...	000	0	3	23	03	97	01	1	946	03	3	4	6	0	0	71	03	166	9	5	31	02	96	03	9	009	81	4	2	6	0	1	77	74			1.7	— 4.6	1.7	—
	Badin ...	000	0	6	00	00	96	03	1	949	00	3	2	6	2	0	73	03																							—
Khairpur	Padidan ...	000	0	5	13	07	96	03	9	944	01	5	4	5	0	0	69	07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.2	—	0.2	—
	Nawabshah ...	000	0	6	00	00	96	17	9	953	93	4	9	6	2	0	42	05	002	0	6	36	16	96	03	9	021	82	2	0	9	3	2	75	78			0.6	—	0.6	4
	Sukkur ...	000	0	0	05	05	96	02	0	945	92	0	0	9	0	0	73	03	000	0	6	02	05	96	03	0	014	83	6	0	9	6	0	68	83			1.8	—	2.2	—
	Kashmore ...	000	0	0	05	03	98	02	2	973	01	0	0	9	0	0	70	02	000	0	0	05	02	//	02	0	194	84	0	0	9	0	0	74	00			0.0	—	0.0	4
	Jacobabad ...	000	0	0	13	05	96	05	0	951	01	0	0	9	0	0	71	02	000	0	5	36	12	96	05	9	015	81	5	0	9	7	0	77	77	— 2	— 3	2.6	+ 0.3	2.6	20
Junagadh	Veraval ...																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar * ...																																								71
	Gulmarg ** ...																																								26
	Sonamarg ** ...																																								3
	Dras ** ...																																								6
	Leh ** ...																																								—
	Skardu * ...																																								—
	Misgar ** ...																																								5
	Aliabad * ...																																								59
	Gilgit * ...																																								18
Rawalpindi	Murree * ...	///	/	4	13	02	98	01	9	412	70	4	5	4	0	0	63	71	014	0	2	09	05	98	01	1	448	63	0	0	9	8	0	49	55			38.0	+ 7.8	46.3	29
Malakand	Drosh * ...	000	0	2	23	10	99	01	0	389	90	2	2	7	0	0	47	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			1.6	—	10.2	—
Peshawar	Cherat * ...	000	0	0	18	02	98	00	5	429	75	0	0	9	0	0	65	78	000	0	0	36	03	98	00	0	452	61	0	0	9	0	0	61	63			10.5	+ 0.7	18.0	—
	Kakul * ...	083	6	1	31	02	98	01	9	424	75	1	0	9	3	0	55	//	003	0	1	23	02	98	01	0	450	69	0	0	9	2	0	42	60			36.8	—	43.8	39
	Landikotal * ...	000	0	0	09	05	98	01	2	423	84	0	0	9	0	0	66	95	000	0	1	36	02	98	01	2	466	76	1	0	/	0	3	62	69			10.5	—	20.5	13
	Parachinar * ...	000	0	6	13	03	98	03	1	422	78	4	5	6	2	0	60	82	000	0	1	13	02	98	01	0	461	66	1	5	6	0	0	50	63			10.6	—	18.1	11
D.I. Khan	Miranshah * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	8	05	05	97	07	0	444	75	0	0	9	0	1	66	88			3.9	+ 0.2	4.8	13
	Wana * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	00	0	372	72	0	0	9	0	0	66	64			0.9	—	1.6	—
Quetta	Fort Sandeman * ...	040	1	8	05	05	96	17	1	///	//	7	9	7	1	1	59	93	000	0	2	26	02	96	02	0	433	75	2	4	7	0	0	65	//	— 1	—	2.0	— 3.7	3.2	9
	Hindubagh * ...	000	0	0	09	02	95	05	0	///	89	0	0	9	0	0	55	93	000	0	0	11	02	98	02	0	///	70	0	0	9	0	0	52	61			0.3	—	2.2	—
	Loralai * ...																																								14
	Barkhan * ...																																								9
	Harnai * ...	///	0	0	29	02	96	03	0	402	78	2	0	7	0	0	63	95	000	0	0	31	01	96	02	0	407	75	0	0	9	0	0	69	70			0.0	—	0.2	8
	Samungli (Quetta) * ...																																								—
	Chaman * ...	000	0	0	00	00	97	00	0	405	97	0	0	9	0	0	73	98	000	0	0	00	00	98	00	0	433	80	0	0	9	0	0	65	77	— 3	— 9	0.0	— 0.1	2.0	—
	Nushki * ...	000	0	0	00	00	95	05	4	438	03	0	0	9	0	0	38	//	000	0	0	00	00	95	05	4	476	86	0	0	9	0	0	//	81			0.0	—	1.5	4
	Dalbandin * ...	000	0	0	23	03	95	05	0	402	04	0	0	9	0	0	//	05	000	0	0	00	00	95	05	0	419	79	0	0	9	0	0	56	70	0	+ 1	0.0	— 0.3	0.5	7
Kalat	Kalat * ...	000	0	0	36	02	92	00	2	371	87	0	0	9	0	0	55	//	000	0	2	26	02	94	00	2	433	66	0	0	9	0	0	55	//	—		0.0	— 1.1	1.4	—
	Khuzdar * ...	000	0	3	13	05	97	03	0	384	91	3	8	9	0	0	58	92	///	/	0	09	12	96	02	9	415	74	0	0	9	0	0	62	//			1.4	—	2.0	5
	Panjgur * ...	000	0	0	36	05	96	04	0	404	02	0	0	9	0	0	68	//	000	0	0	23	02	96	05	0	455	74	0	0	9	0	0	73	//	—	—	0.0	—	0.0	—

† 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 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

When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 31st AUGUST, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99L$_h$L$_l$L$_a$	Q$_c$L$_o$L$_o$L$_o$L$_o$	YYGG$_{iw}$ N dd FF	VV w$_w$ W	PPP TT	N$_h$C$_L$hC$_M$C$_H$	D$_s$V$_s$a PP	7RR t$_R$t$_R$	8N$_s$Ch$_s$h$_s$	OI$_c$T$_c$T$_d$T$_d$	1T$_w$T$_w$T$_w$T	3P$_w$P$_w$H$_w$H$_w$	d$_w$d$_w$P$_w$H$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA	99 2 42	10 6 25	31 0 63	52 1 10	98 0 21	04 3 28	52 4 00	...	...	...	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface (PoPoPoToToToDoDo)	1000$_{mb}$	850$_{mb}$	700$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$	70$_{mb}$	50$_{mb}$	30$_{mb}$
			hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	004 244 06	...	440 162 31	098 084 50	581 053 38	752 165 20	963 315 56	236 545 / /	...	...	...	...	...
Dacca ...	00 00	006 250 09	...	400 145 34	075 080 43	578 065 49	750 159 46	961 293 62	238 503 / /	421 639 / /	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...														
Multan ...														
Peshawar ...	00 00	968 244 45	...	400 216 40	098 104 47	580 078	750 171 / /	...	241 475	417 593	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT$_a$ DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmPmPmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	P$_t$P$_t$P$_t$T$_t$T$_t$T$_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...	00 00	560 000 43	009 212 / /	...	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...	00 00	900 242 46	581 000 / /	473 115 / /	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms. a.s.l.—>	At 1200 hrs. G.M.T. † of Previous day (ddfff) 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 (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	165 03	160 03	185 03	185 01	...
Chhor ...	055 11	040 08	...	025 10	015 17	020 29	...	...	...	295 13	360 08	125 03	045 10	045 11	075 17
Chittagong ...	185 09	190 12	190 21	200 31	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	160 12	165 15	175 12	201 23	210 10	222 12	...	...	...	...	...	...	...	...	...
Dacca ...	160 15	260 23	170 22	165 19	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	...	309 09	3 5 14	325 18
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	230 11	210 15	210 21	015 12	345 19	340 20	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	190 11	220 20	035 07
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	145 06	095 06	100 05	060 07	045 11	035 09	285 05	360 07	355 07	005 23	025 23	025 18	025 12	035 11	075 06
Jessore ...	190 16	195 17	150 17	165 21	195 15	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	205 12	245 08	245 06	350 06	350 06	010 08	050 09	075 07	025 10	...	...	...	...	...	...
Karachi ...	255 15	215 06	150 05	050 06	020 15	015 14	350 25	...	045 21	300 10	325 09	360 16	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khundar ...	...	...	...	...	...	...	...	...	...	...	...	...	235 04	255 02	295 09
Lahore ...	305 09	305 05	275 08	275 08	...	...	...	...	...	...	...	...	...	...	...
Multan ...	155 05	160 05	...	170 09	120 04	030 09	300 19	315 12	280 19	...	...	...	...	...	...
Nawab Shah ...	035 03	040 03	070 03	020 05	...	...	...	...	...	040 08	045 17	035 15	255 14	075 12	055 04
Nokkundi ...	...	...	345 13	345 17	325 22	315 12	260 04	280 21	275 33	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	180 08	345 04	315 07
Peshawar ...	...	...	...	...	...	...	...	...	...	...	050 04	015 05	010 02	020 05	310 08
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	070 04	230 09
Quetta ...	...	...	...	...	295 04	...	280 10	295 10	305 13	...	...	...	...	...	...
Sargodha ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in kms. a.s.l.—>	At 0600 hrs. G.M.T. † of date (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	120 12	130 16	145 20	140 11	155 15	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	180 21	170 15	170 13	195 07	245 06	175 07	160 05	215 12	230 15	...	...
Dalbandin ...	155 13	165 25	175 22	172 05	160 25	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	MIS	DA	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	160 06	115 04	130 07	220 05	295 07	...	...	...	...	...	...
Karachi ...	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khundar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	135 10	165 13	170 14	185 07	230 06	235 06	005 12	...	...	...	...
Multan ...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	...	...	...	...	...	...	...	...	...	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	115 05	040 04	345 09	315 12	265 21	270 17	265 17	000 09	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	...	...	...	...	...	...	...	...	...	...	...
Skardu ...	...	115 03	130 03	220 02	005 01	335 09	320 14	320 19	295 19	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V_r V_r etc.)

PPP—Pressure in hundreds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

T_a—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

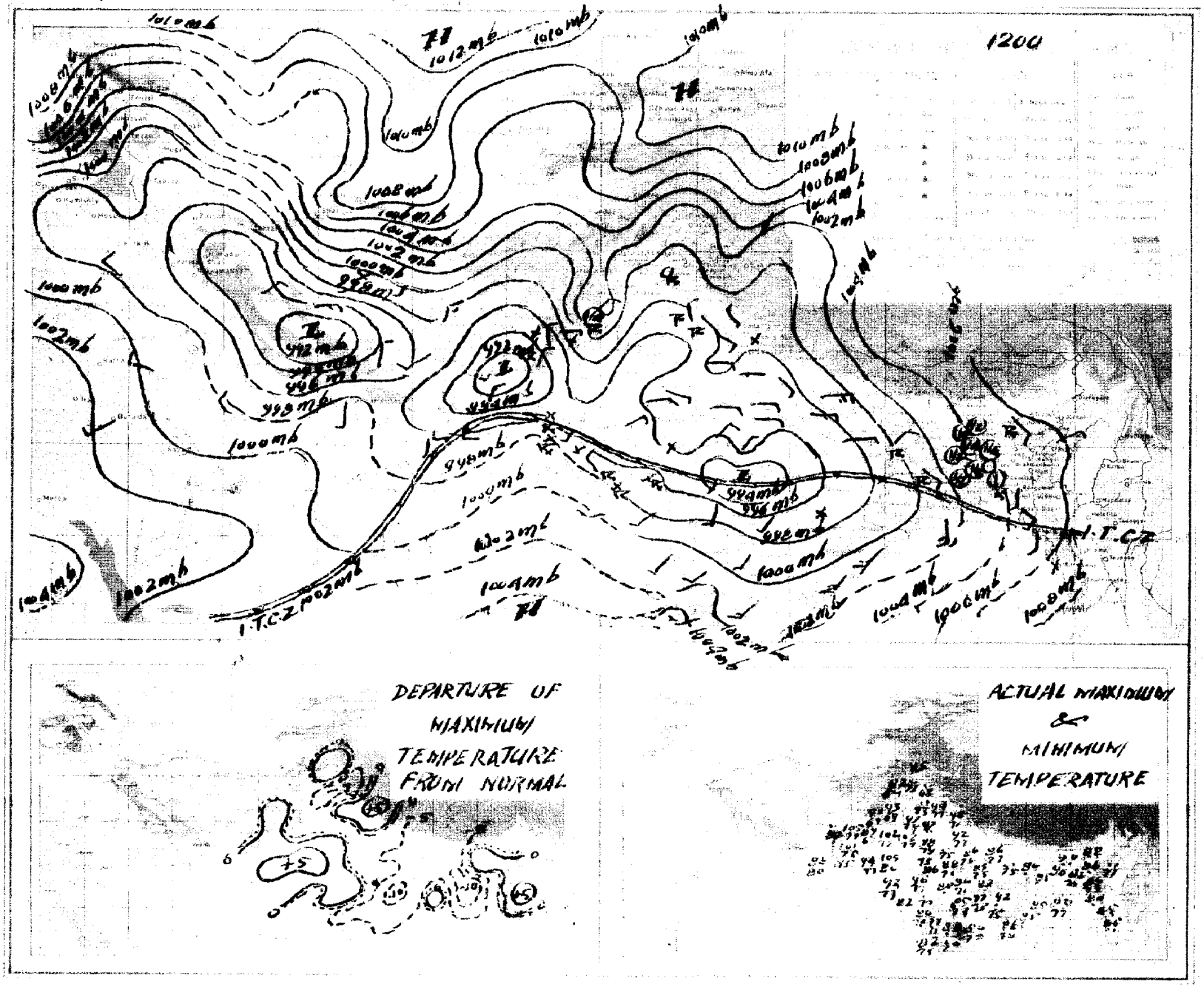
The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32

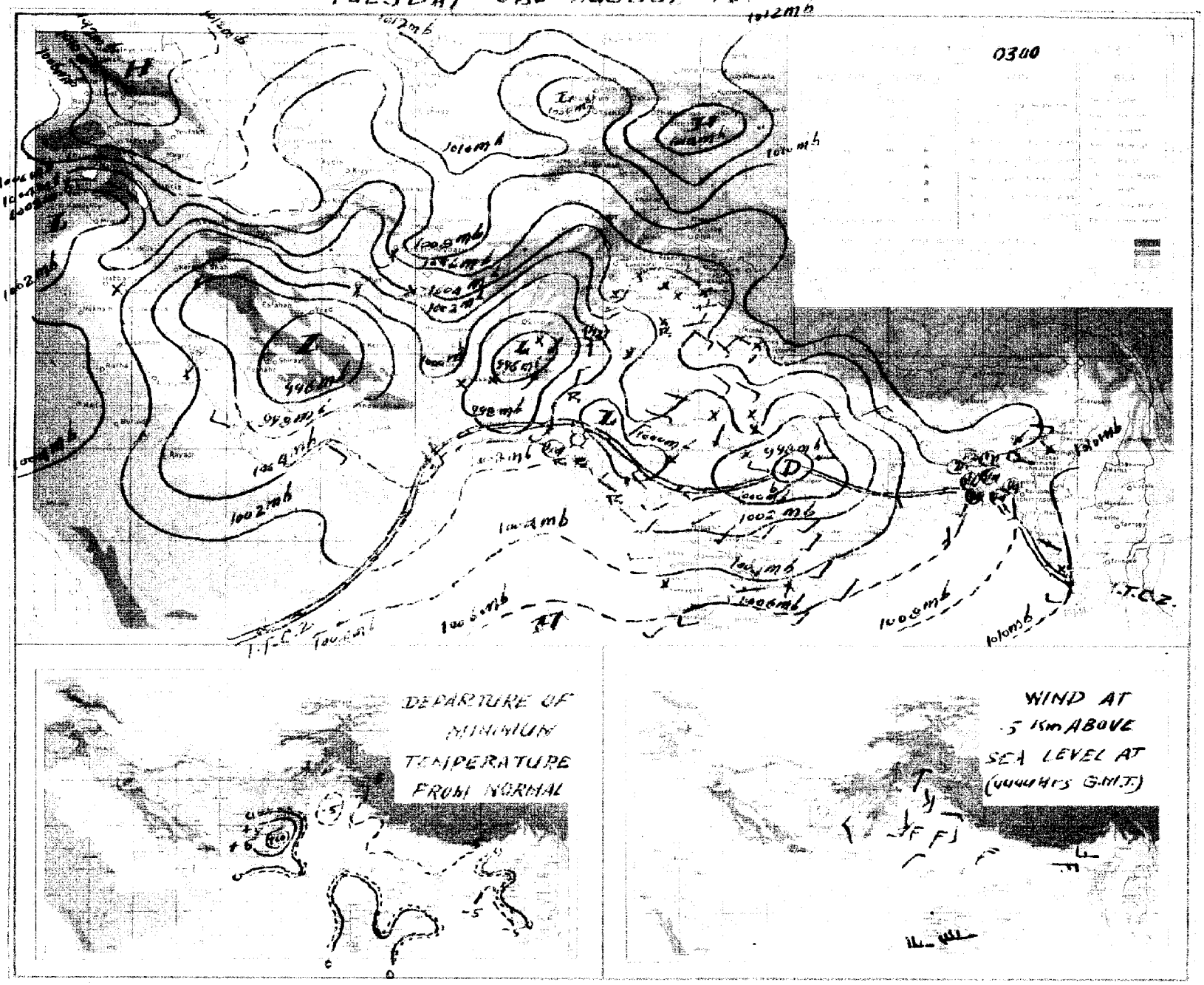
PAKISTAN DAILY WEATHER MAP

MONDAY 30th AUGUST 1971



PAKISTAN DAILY WEATHER MAP

TUESDAY 31st AUGUST 197



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

TUESDAY THE 31st AUGUST, 1971.

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

Yesterday's well marked low over Madhya Pradesh has apparently concentrated into a land depression centred at 31.0300 GMT about 70 miles northeast of Bhopal. It is likely to move initially in a north-northwesterly direction.

Rain/thundershowers have been widespread in Dacca and Khulna divisions and local elsewhere in East Pakistan.

The well marked low over southwest Rajasthan and adjoining areas of Hyderabad and Khairpur divisions and now lies as a low over there.

Yesterday's westerly trough over Malakand and Peshawar divisions and adjoining Kashmir has moved away eastwards.

A fresh secondary western disturbance is now moving across Russian Turkistan north of Afghanistan.

Rain/thundershowers have been fairly widespread in Sargodha division, local in Lahore, Rawalpindi, Karachi, Hyderabad and Khairpur divisions and scattered in Peshawar, Quetta and Kalat divisions. Drizzle has also fallen in Malakand division.

Chief amounts of rainfall are Rajshahi and Satkhira 2" each, Maijdee Court, Bhola and Sargodha 1½" each, Hatiya, Barisal and Kakul 3/4" each, Narayanganj, Faridpur, Jessore, Bogra and Fort Sandeman ¼" each and Comilla, Mymensingh, Dacca, Khulna and Karachi Airport ¼" each.

Day temperatures were 7—10 °F (4—6 °C) below normal in southern Dacca, Khulna and Rajshahi divisions and 3—6 °F (2—3 °C) so in Multan and Peshawar divisions and were 6—8 °F (3—4 °C) above normal in Karachi and Hyderabad divisions.

Forecast valid until the evening of the 1st September, 1971 :—Rain/thundershowers will be widespread over East Pakistan with locally heavy falls local in Lahore, Rawalpindi, Hyderabad and Khairpur divisions and scattered elsewhere in West Pakistan and in Kashmir.

Karachi-32
The 31st August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud form † (GL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total Cloud amount (N)	Wind direction in tens of degree (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 (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum temperature (TnTn)	Rainfall: Since 1st June, 1971 to-date	Departure from normal	Since 1st January, 1971 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	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	003	0	6	18	02	98	02	2	099	80	3	4	6	7	0	75	77						—
	Cox's Bazar	...	000	5	7	13	04	96	01	2	053	79	3	4	4	2	01	74	000	0	6	18	09	96	03	2	087	83	4	4	3	0	/	77	75	— 6	— 1				140
	Chittagong	...	000	8	7	18	06	96	02	2	074	80	5	4	4	3	0	75	000	0	6	16	07	97	02	2	085	85	3	4	4	3	0	75	77	0	+ 1				108
	Maijdee Court	...	070	9	8	18	02	96	03	6	038	79	4	2	5	2	/	67	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				115
	Comilla	...	000	0	1	30	05	96	02	2	044	80	7	4	4	0	0	//	024	9	5	00	00	96	02	6	081	80	3	4	5	3	0	77	75	— 4	— 2				94
	Brahmanbaria	...																																								78
Dacca	Sylhet	...	009	2	8	00	00	96	61	2	056	//	5	3	4	2	1	89	011	9	7	13	02	97	02	6	083	80	4	4	5	6	0	75	//						—
	Srimangal	...	012	9	0	00	00	96	95	9	057	79	6	9	3	2	/	74	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						98
	Mymensingh	...	025	7	8	00	00	96	60	6	050	85	8	7	4	0	0	80	025	9	7	13	02	97	02	2	091	84	7	5	6	0	0	80	//	0	—				91
	Narayanganj	...	015	4	8	13	04	96	21	6	036	80	5	7	3	/	/	75	056	9	8	13	02	97	02	2	081	83	8	6	3	/	/	78	//	— 8	—				74
	Dacca (Tejgaon)	...	015	9	8	13	02	96	02	6	040	77	3	9	4	7	/	73	019	9	7	13	05	97	03	6	081	80	6	5	4	4	0	77	/						—
	Faridpur	...	052	6	8	16	02	96	60	6	030	79	7	5	5	1	0	75	057	0	6	16	05	97	02	2	081	83	4	4	5	1	0	77	76	— 7	— 3				71
Khulna	Barisal	...	091	4	8	13	02	96	61	9	038	75	5	7	4	2	/	75	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 7	—				81
	Khulna	...																																								68
	Satkhira	...																																								65
	Jessore	...	051	5	8	13	02	96	02	6	040	77	3	9	4	7	/	73	064	1	8	//	/	96	61	6	068	79	5	7	3	2	/	67	76	—	— 3				65
Rajshahi	Pabna	...	055	9	8	13	02	97	01	6	//	79	8	7	6	1	1	77	000	0	4	13	03	98	02	2	080	80	4	4	6	0	0	79	75	—	— 4				59
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	241	6	8	09	02	96	//	6	076	77	8	7	3	2	/	77	//						64
	Rajshahi	...	015	9	8	09	07	96	51	7	025	79	7	7	3	0	0	75	046	4	3	09	05	97	02	6	077	80	7	5	4	3	0	75	75	—	— 3				69
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	018	1	0	19	02	96	02	2	075	80	7	6	5	/	/	//	77	—	0				72
	Dinajpur	...	000	5	8	09	02	96	03	6	031	79	8	7	6	1	1	75	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		—				84
	Rangpur	...	048	5	6	09	02	96	01	6	025		6	0	9	2	0	80																								
Kashmir	Jammu	...																																								19
Lahore	Lahore (Jail Rd.)	...	000	7	7	31	07	97	17	9	928	82	5	6	9	2	/	68	000	0	1	09	03	97	01	1	033	83	1	0	3	3	0	76	77	— 3	— 1	10.5	— 1.8	13.5	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	5	09	02	99	03	0	035	81	5	0	9	4	0	74	75	—	— 2	22.3	+ 2.2	32.1	32
Rawalpindi	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	00	00	97	03	0	024	79	1	0	9	3	0	73	72			3.4	—	19.8	—
	Islamabad	...																																								
	Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	002	0	1	00	00	97	03	0	023	76	1	1	6	0	0	69	68	—	— 6	29.1	+ 9.6	37.4	36
	Campbellpur	...																																								
Sargodha	Khushab	...																	000	0	0	00	00	97	00	0	021	83	0	0	9	0	0	73	//	—	—	1.9	— 7.8	1.7	15
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	133	0	/	09	03	97	01	0	024	78	0	0	9	0	/	74	70			8.3	—	12.3	—
	Lyallpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	010	9	4	36	02	97	02	9	024	81	0	0	9	0	0	69	73	—	— 6	5.4	— 2.3	8.6	12
Multan	Shikarpur	...																																								10
	Multan	...	000	0	3	00	00	97	03	0	969	95	0	0	9	0	1	72	000	0	3	00	00	96	05	0	048	85	1	5	6	3	0	74	79	— 3	— 2	4.6	+ 0.2	5.2	7
	Leiah	...	000	0	0	36	02	95	00	0	892	02	0	0	9	0	0	74	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
Bahawalpur	Khanpur	...	000	0	5	05	05	96	02	1	953	01	4	2	6	3	0	66	000	0	4	00	00	96	03	6	016	86	2	0	6	3	0	73	77			1.1	— 3.6	1.5	6
	Bahawalpur	...	000	0	0	00	00	96	00	0	958	98	0	0	9	0	0	68	000	0	3	00	00	96	00	0	027	88	0	0	9	0	0	72	81			0.0	— 4.1	2.1	6
	Fort Abbas	...	000	0	0	00	00	98	00	0	955	96	0	0	9	0	0	81	///	/	0	00	00	98	00	0	010	10	0	0	9	0	0	83	68						8
Malakand	Chakdara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	00	00	98	01	0	014	73	0	0	9	0	0	69	69			11.6	—	4.5	—
Peshawar	Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	00	00	97	02	0	021	80	1	0	9	3	1	//	//	—	—	4.1	+ 0.5	13.6	11
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	3	4	05	03	95	03	2	037	77	4	0	9	3	0	65	67			24.4	—	32.3	—
D.I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	3	00	00	98	03	1	044	78	0	0	9	7	0	72	77			5.0	—	7.3	11
	D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	02	6	029	83	0	0	9	0	0	71	//	—	—	0.9	—	1.6	—
Quetta	Sibi	...																																								9
	Nokkundi	...	000	0	0	31	10	97	02	0	908	05	0	0	9	0	0	45	000	0	0	31	21	97	02	0	966	87	0	0	9	0	0	45	80			0.0	—	0.2	2
Kalat	Turbat	...																																								—
	Jiwani	...	000	0	3	18	05	96	03	1	978	84	3	3	5	0	0	74	000	0	6	15	12	96	05	0	015	81	6	6	4	0	0	77	80			0.0	—	1.5	5
	Pasni	...	000	0	0	27	05	//	00	0	//	79	0	0	9	0	0	67	000	0	0	07	02	97	02	0	042	76	0	0	9	0	0	67	//	+ 11	—	0.0	— 0.9	0.0	6
	Ormara	...	000	0	1	27	17	96	02	2	924	85	1	6	6	0	0	76	000	0	0	07	05	96	02	0	091	//	0	6	9	0	0	75	//			0.0	—	0.0	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	5	00	00	98	00	0	025	80	0	0	9	0	0	71	79			0.0	—	0.0	8
Karachi division	Karachi (Manora)	...																																								8
	Karachi (Airport)	...	000	0	7	00	00	96	17	9	981	85	2	6	6	2	0	76	027	9	6	31	07	96	03	9	015	81	2	6	5	3	0	76	77	— 9	— 1	2.5	— 3.1	2.7	—
Hyderabad	Nagarparker	...																																								7
	Chhor	...																																								9
	Hyderabad	...	000	0	3	23	03	97	01	1	946	03	3	4	6	0	0	71	015	9	3	36	02	95	06	6	016	82	0	0	9	0	1	71	80	+ 9	— 1	2.0	— 3.5	2.4	
	Badin	...	000	0	6	00	00	96	03	1	949	00	3	2	6	2	0	73	166	9	5	31	02	96	03	9	009	81	4	2	6	0	1	77	74			1.7	— 4.6	1.7	
Khairpur	Padidan	...	000	0	5	13	07	96	03	9	944	01	5	4	5	0	0	69	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.2	—	0.2	—
	Nawabshah	...	000	0	6	00	00	96	17	9	953	93	4	9	6	2	0	62	002	0	6	36	16	96	03	9	021	82	2	0	9	3	2	75	78			0.6	—	0.6	4
	Sukkur	...	000	0	0	05	05	96	02	0	945	02	0	0	9	0	0	75	000	0	6	02	05	96	03	0	014	83	6	0	9	6	0	68	63			1.8	—	2.2	—
	Keshmore	...	000	0	0	05	03	98	02	2	973	01	0	0	9	0	0	70	000	0	0	05	02	//	02	0	594	84	0	0	9	0	0	74	00			0.0	—	0.0	4
	Jacobabad	...	000	0	0	13	05	96	05	0	951	01	0	0	9	0	0	71	000	0	5	36	12	96	05	9	015	81	5	0	9	7	0	77	77	— 2	— 3	2.6	+ 0.5	2.6	20
Junagadh	Veraval	...																																								26
	HILL STATIONS																																									—
Kashmir	Srinagar	* ...																																								71
	Gulmarg	* ...																																								26
	Sonamarg	* ...																																								3
	Dras	* ...																																								6
	Leh	* ...																																								—
	Skardu	* ...																																								—
	Minimarg	* ...																																								5
	Aliabad	* ...																																								59
	Gilgit	* ...																																								18
Rawalpindi	Murree	* ...	///	/	4	13	02	98	01	9	412	70	4	5	4	0	0	63	014	0	2	09	05	98	01	1	448	63	0	0	9	8	0	49	55			38.0	+ 7.8	46.3	29
Malakand	Drosh	* ...	000	0	2	23	10	99	01	0	389	90	2	2	7	0	0	47	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			1.6	—	10.2	—
Peshawar	Cherat	* ...	000	0	0	18	02	98	00	5	429	75	0	0	9	0	0	65	000	0	0	36	03	98	00	0	452	61	0	0	9	0	0	61	63			10.5	+ 0.7	18.0	—
	Kakul	* ...	083	6	1	31	02	98	01	9	424	75	1	0	9	3	0	55	003	0	1	23	02	98	01	0	450	69	0	0	9	2	0	62	60			35.8	—	43.8	29
	Landikotal	* ...	000	0	0	09	05	98	01	2	423	84	0	0	9	0	0	66	000	0	1	36	02	98	01	2	466	76	0	0	9	0	3	62	69			10.5	—	20.5	13
	Parachinar	* ...	000	0	6	13	03	98	03	1	422	78	4	5	6	2	0	60	000	0	1	13	02	98	01	0	461	68	1	5	6	0	0	50	63			10.6	—	18.1	11
D.I. Khan	Miranshah	* ...																	000	0	8	05	05	97	07	0	444	75	0	0	9	0	1	66	68			3.9	+ 0.2	4.8	13
	Wana	* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	00	0	372	72	0	0	9	0	0	66	64			0.9	—	1.6	—
Quetta	Fort Sandeman	* ...	040	1	8	05	05	96	17	1	///	//	/	7	9	7	1	59	000	0	2	26	02	96	02	0	433	75	2	4	7	0	0	65	//	— 1	—	2.0	— 3.7	2.2	9
	Hindubagh	* ...	000	0	0	09	02	95	05	0	//	89	0	0	9	0	0	55	000	0	0	11	02	98	02	0	///	70	0	0	9	0	0	52	61			0.3	—	2.2	—
	Loralai	* ...																																								14
	Barkhan	* ...																																								9
	Harnai	* ...	///	0	0	29	02	96	03	0	402	70	2	0	7	0	0	63	000	0	0	31	01	96	02	0	407	75	0	0	9	0	0	69	70			0.0	—	0.2	8
	Samungli (Quetta)	* ...																																								—
	Chaman	* ...	000	0	0	00	00	97	00	0	405	97	0	0	9	0	0	73	000	0	0	00	00	98	00	0	433	80	0	0	9	0	0	65	77	— 3	— 9	0.0	— 0.1	2.0	—
	Nushki	* ...	000	0	0	00	00	55	05	4	439	03	0	0	9	0	0	38	000	0	0	00	00	95	05	4	476	86	0	0	9	0	0	//	81			0.0	—	1.5	4
	Dalbandin	* ...	000	0	0	23	03	95	05	0	402	04	0	0	9	0	0	//	000	0	0	00	00	95	05	0	419	79	0	0	9	0	0	56	70	3	+ 1	0.0	— 0.3	0.5	7
Kalat	Kalat	* ...	000	0	0	36	02	92	00	2	371	87	0	0	9	0	0	55	000	0	2	26	02	94	00	2	433	86	0	0	9	0	0	55	//	—		0.0	— 1.1		
	Khuzdar	* ...	000	0	3	13	05	97	03	0	384	91	3	8	9	0	0	59	///	/	0	09	12	96	02	9	415	74	0	0	9	0	0	62	//			1.4	—		
	Panjgur	* ...	000	0	0	36	05	96	04	0	404	00	0	0	9	0	0	68	000	0	0	23	02	96	05	0	455	74	0	0	9	0	0	73	//	—	—	0.0	—		

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 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

When ever 999 is given RRR see the summary boxes for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 31st AUGUST, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGG$_{iw}$	N ddFF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	8$N_sC_bh_s$	0$T_sT_sT_dT_d$	1$T_wT_wT_{wt}T$	3$P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA	99 2 42	10 6 25	31 0 63	52 1 10	95 0 21	04 3 28	52 4 00	...	...	...	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	Surface $P_oP_oP_oT_oT_oT_oD_oD_o$	1000mb	850mb	700mb	500mb	400mb	300mb	200mb	150mb	100mb	70mb	50mb	30mb
			At surface and Standard Isobaric Levels — hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	004 244 06	...	440 162 31	098 084 50	581 053 38	752 165 20	963 315 56	236 545 /	...	...	...	...	...
Dacca ...	00 00	006 250 09	...	400 145 34	075 080 43	576 065 49	750 151 46	961 293 62	238 503 //	421 629 //	...	...	...	
Gilgit ...														
Jiwani ...														
Karachi ...														
Multan ...														
Peshawar ...	00 00	968 244 45	...	400 216 40	098 104 47	580 078 //	750 171 //	...	241 475 //	417 593 //	...	..	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT$_a$ DD							Max. Wind Speed $P_mP_mP_md_md_mf_mf_mf_m$	TROPOPAUSE First $P_tP_tP_tT_tT_tT_{at}$	Transition $d_td_tf_tf_tf_t$	Second $P_tP_tP_tT_tT_tT_t$	Transition dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...	00 00	560 000 43	008 212 //	...	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...	00 00	900 242 46	581 000 //	473 115 //	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms. a.s.l.—>	At 1200 hrs. G.M.T. † of Previous day (ddfff) 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 (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 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
Barisal ...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	120 12	130 16	145 20	140 11	155 15	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	165 03	160 03	185 03	185 01	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	055 11	040 08	...	025 10	015 17	020 29	...	...	...	285 13	340 08	125 03	045 10	045 11	075 17	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	185 09	190 12	190 21	200 31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	160 12	165 15	175 12	201 25	210 10	220 12	...	...	...	...	...	...	...	...	...	180 21	170 15	170 13	195 07	245 06	175 07	160 05	215 12	230 15	...	...
Dacca ...	160 15	260 23	170 22	165 19	...	...	...	...	...	...	...	...	...	...	...	155 13	165 25	175 22	172 05	160 75	...		...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	...	300 09	3 5 14	325 18	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	230 11	210 15	210 21	015 12	345 19	340 20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	190 11	220 20	005 07	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	145 06	095 06	100 05	060 07	045 11	005 09	265 05	360 07	355 07	005 23	025 23	025 18	025 12	035 11	075 06	...	025 23	025 18	025 12	051 60	075 06	...	...	...	...	...
Jessore ...	190 16	195 17	190 17	185 21	195 15	...	...	...	...	...	...	...	...	...	...	MIS	DA	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	205 12	245 08	245 06	350 06	350 08	010 08	050 08	075 07	025 10	...	...	...	...	...	...	160 06	115 04	130 07	220 05	295 07	...	...	...	...	...	...
Karachi ...	255 15	215 06	150 05	050 06	020 15	015 14	350 25	...	045 21	300 10	325 09	360 16	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	305 09	305 05	275 08	275 08	...	...	...	...	...	...	...	...	235 04	255 02	295 09	135 10	165 13	170 14	185 07	230 06	235 06	005 12	...	...	...	...
Multan ...	155 05	160 05	...	170 09	120 04	030 09	300 19	315 12	280 19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	035 03	040 03	070 03	020 05	...	...	...	...	...	040 08	045 17	035 15	255 14	075 12	055 04	...	...	...	...	...	...	...	...	...	...	...
Nokkundi ...	...	...	345 13	345 17	325 22	315 12	250 04	280 21	275 33	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	180 08	345 04	315 07	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	053 04	015 05	010 02	020 05	310 08	...	115 05	040 04	345 09	315 12	265 21	270 17	265 17	000 09	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	070 04	230 03	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	295 04	...	280 10	295 10	305 13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	115 03	130 03	220 02	005 01	335 09	320 14	320 19	295 19	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V, V, etc.)

PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
...y Bulb temperatures in °C.
...oximate tenth value in (O °C) even values indicate positive and odd
... indicate negative temperatures

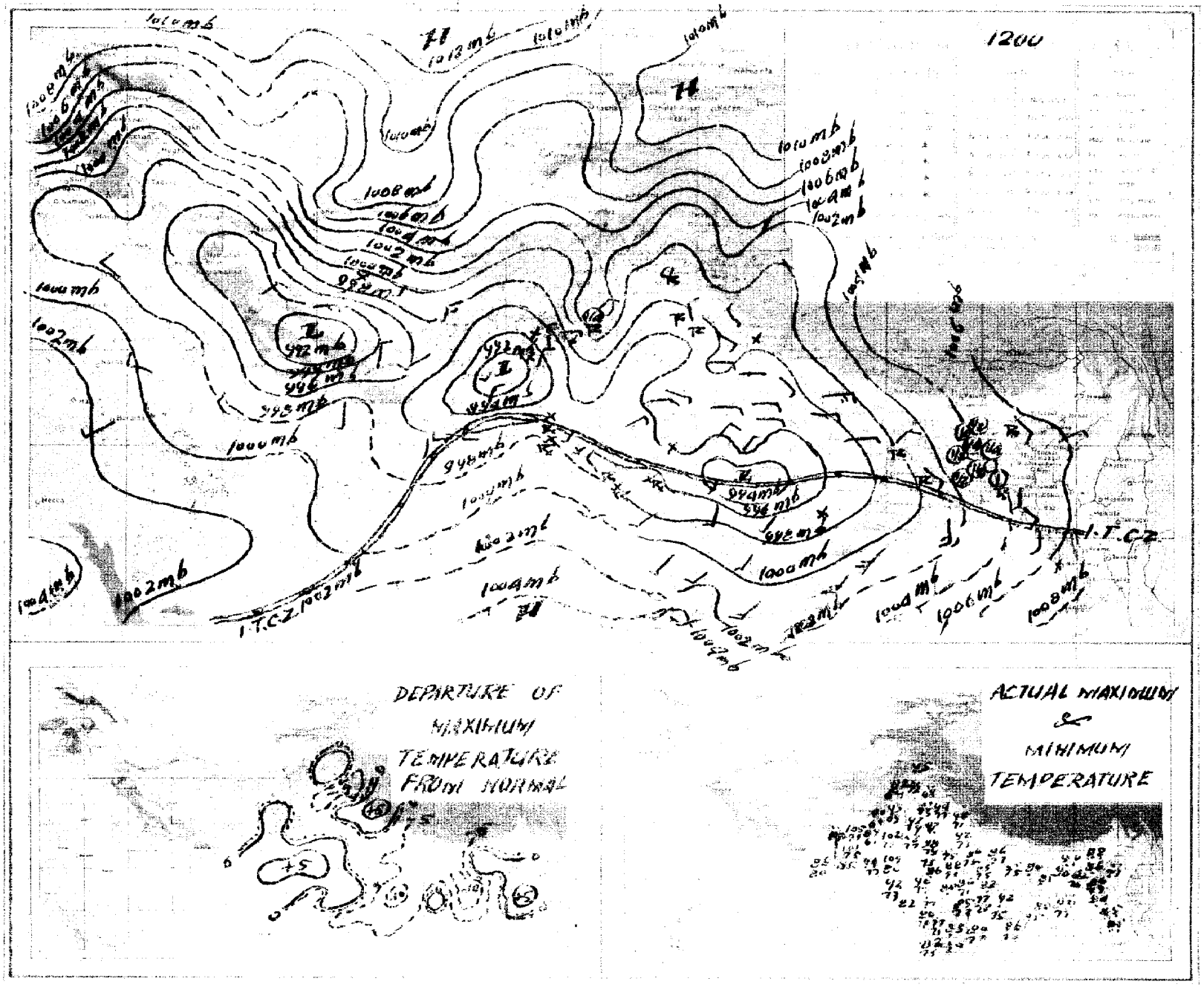
The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

...Individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

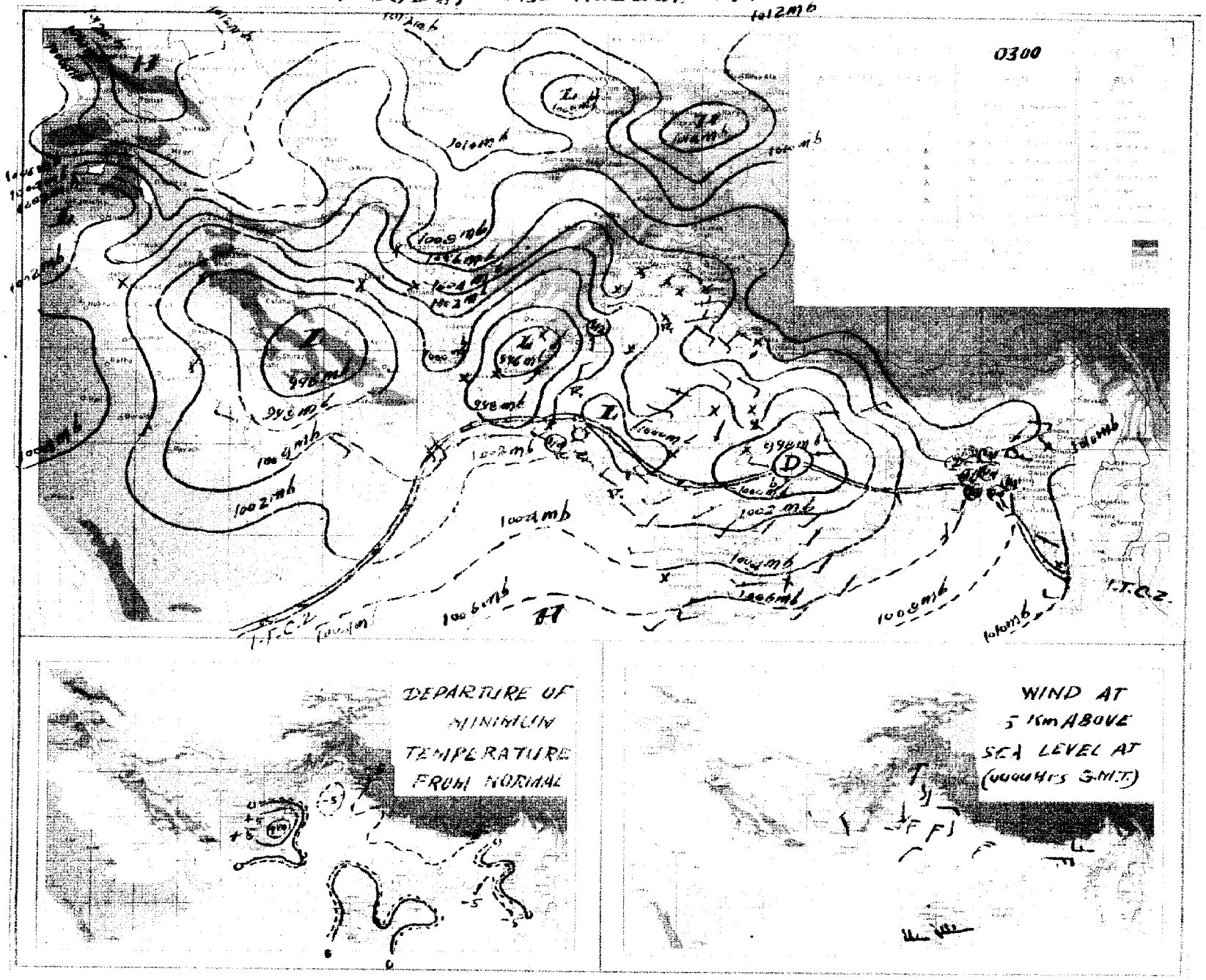
PAKISTAN DAILY WEATHER MAP

MONDAY 30th AUGUST 1971



PAKISTAN DAILY WEATHER MAP

TUESDAY 31st AUGUST 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

MONDAY THE 30th AUGUST, 1971.

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

Data from East and West Pakistan and the central region of India scanty, but believe yesterday's well marked low over Madhya Pradesh and adjoining areas remained practically stationary.

Rain/thundershowers have been widespread in Chittagong Dacca and Khulna divisions and fairly widespread in Rajshahi division.

The trough of low over southwest Rajasthan also apparently persists. Yesterday's secondary western disturbance over Kashmir and adjoining areas has moved away eastwards. Its induced trough persists over Malakand and Rawalpindi divisions and adjoining Kashmir.

Widespread rain/thundershowers occured over Rawalpindi division local in Lahore and Karachi divisions. A few thunderstorms/light showers have also been reported from Malakand, Peshawar, Quetta, Kalat and Hyderabad divisions.

Chief amounts of rainfall are Chittagong and Bhola 2" each, Khulna 1½", Hatiya, Faridpur and Karachi (Airport) 1" each, Cox's Bazar, and Dacca ¾" each and Sylhet and Bogra ½" each.

Day temperatures were 3—8 °F (2—4 °C) above normal in Karachi and Hyderabad divisions and were to the same extent below normal in Chittagong, Lahore, Rawalpindi, Multan, northern Kalat and Khairpur divisions.

Forecast valid until the evening of the 31st August, 1971 :—Rain/thundershowers will be fairly widespread over the coastal districts and local elsewhere over East Pakistan and scattered in Lahore, Rawalpindi, Sargodha, Multan, Bahawalpur, Khairpur, Karachi and Hyderabad divisions and in Kashmir.

Karachi-32
The 30th August, 1971.

OBSERVATIONS

M. SHAHABUDDIN
for Director Meteorological Services.

At 12 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	Winds speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)°	Dry Bulb temperature °	Amount of Lowest Cloud †	Low Cloud from †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	GL	h	CM	CH	TdTd	TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	099	1	7	18	02	97	02	6	067	77	5	7	5	7	1	75	79
	Cox's Bazar	085	9	8	09	09	96	02	6	046	77	4	5	4	4	0	73	77
	Chittagong	244	9	8	13	06	96	02	6	049	76	4	4	4	2	4	76	79
	Maijdee Court	350	9	8	00	00	96	03	6	038	73	8	4	4	0	0	73	77
	Comilla	...	...	...	...	...	•	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria																	
	Sylhet	048	9	8	36	02	92	06	6	050	79	5	2	5	2	0	76	80
	Srimangal	024	9	8	00	00	96	03	6	052	77	6	8	3	2	0	76	88
Dacca	Mymensingh																	
	Narayanganj	025	1	8	23	06	96	21	6	039	77	8	7	3		/	76	79
	Dacca (Tejgaon)	045	9	8	13	05	96	02	6	030	77	3	7	3	7	0	76	79
	Faridpur	053	6	8	16	02	96	61	6	013	79	7	4	5	1	0	77	79
Khulna	Barisal																	
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira																	
	Jessore																	
Rajshahi	Pabna																	
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajshahi	040	9	8	09	03	96	61	6	010	71	3	1	3	3	0	76	80
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinajpur																	
	Rangpur																	
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	3	27	02	97	03	2	983	90	3	4	6	0	0	73	92
	Sialkot	...	...	...	...	...	...	...	...	-	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	0	2	23	02	93	82	1	997	92	2	1	6	6	0	72	94
	Islamabad																	
	Rawalpindi	000	0	1	00	00	98	01	0	972	00	1	1	6	0	0	66	92
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha	Khushab	000	0	0	00	00	97	00	0	991	95	0	0	9	0	0	77	96
	Sargodha	000	0	1	00	00	97	02	0	981	92	1	1	6	0	0	75	95
	Lyallpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan	Sahiwal																	
	Multan	000	0	3	00	00	97	01	1	983	93	2	2	3	6	0	75	97
	Leiah	000	0	0	36	02	95	00	0	892	02	0	0	9	0	0	74	01
Bahawalpur	Khanpur	000	0	3	08	02	96	01	1	976	97	1	2	6	3	0	71	99
	Bahawalpur	000	0	0	00	00	96	00	0	985	98	0	0	9	0	0	70	96
	Fort Abbas																	
Malakand	Chakdara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Peshawar	000	0	1	09	02	98	02	0	957	93	1	1	6	0	0	69	96
	Haripur																	
D. I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. I. Khan	000	0	3	05	02	97	03	1	979	93	3	0	9	3	0	79	91
Quetta	Sibi																	
	Nokkundi	000	0	0	31	07	96	02	4	507	07	2	2	9	0	0	63	08
Kalat	Turbat	000	0	0	02	00	98	00	0	029	97	1	0	9	0	0	83	97
	Jiwani	000	8	5	02	//	96	02	9	001	83	5	6	5	0	0	74	86
	Pasni	000	0	0	27	04	97	00	0	142	76	0	0	9	0	0	67	//
	Ormara	000	0	1	27	16	96	04	4	989	84	1	6	6	0	0	78	87
	Lasbela	///	0	4	00	00	98	00	0	016	04	0	0	8	0	0	72	04
Karachi division	Karachi (Manora)																	
	Karachi (Airport)	075	2	7	31	03	96	50	9	000	75	9	6	4	2	0	75	96
Hyderabad	Nagarparker																	
	Chhor	000	0	5	23	02	96	63	1	961	98	5	4	6	0	0	78	98
	Hyderabad	000	0	7	00	00	97	10	2	977	99	2	5	6	3	1	75	99
	Badin	000	0	1	00	00	96	01	1	980	97	1	1	6	0	0	78	98
Khairpur	Padidan	000	0	3	36	03	96	04	1	969	00	2	1	7	3	0	72	02
	Nawabshah	000	0	6	13	03	96	03	1	978	99	6	3	6	0	0	81	01
	Sukkur	000	0	6	02	05	96	03	0	970	98	6	0	9	6	0	78	99
	Kashmore	000	0	0	05	09	98	00	2	981	99	0	0	9	0	0	71	00
	Jacobabad	000	0	0	13	03	96	05	0	971	97	0	0	9	0	0	74	//
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *																	
Malakand	Drosh *	000	2	4	23	09	98	02	9	369	90	4	2	7	3	0	45	99
Peshawar	Cherat *	000	0	2	18	05	98	01	1	435	82	2	1	8	0	0	64	83
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Landikotal *	000	0	1	18	05	98	01	0	428	87	0	0	9	0	0	70	96
	Parachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Miranshah *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Wana *	000	0	2	30	02	98	00	0	381	74	2	5	8	0	0	63	86
Quetta	Fort Sandeman *	000	0	0	04	02	96	05	0	502	90	2	4	7	0	1	47	90
	Hindubagh *	000	0	0	11	02	95	05	0	///	65	0	0	9	0	0	55	91
	Loralai *																	
	Barkhan *																	
	Harnai *	000	0	0	13	01	96	03	0	418	81	0	0	9	0	0	61	91
	Samungli (Quetta) *	000	0	3	00	00	96	05	0	416	88	3	2	6	0	0	41	90
	Chaman *	000	0	0	00	00	96	00	0	405	97	0	0	9	0	0	76	98
	Nushki *	000	0	0	27	03	95	05	6	458	01	0	0	9	0	0	44	02
	Dalbandin *	000	0	2	30	63	95	05	0	418	03	0	0	9	0	0	39	03
Kalat	Kalat *	000	0	0	27	02	92	00	2	350	66	0	0	9	0	0	64	75
	Khuzdar *	002	2	6	36	17	96	17	9	405	68	5	9	6	2	0	56	91
	Panjgur *	000	0	4	00	00	96	05	0	411	98	2	5	6	2	0	90	99

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

Divisions	Stations	Rainfall in Cents	Past weather commenced at †	Total Cloud amount	Wind direction in tens of degree	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	Maximum temperature	Minimum temperature	Since 1st June, 1971 to-date	Departure from normal	Since 1st January, 1971 to-date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 9					140
	Chittagong	244	0	1	13	05	96	02	2	073	79	2	5	4	2	0	75	77	— 7	+ 1	119.7	+55.6	—	108
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						115
	Comilla	016	6	5	18	05	96	02	6	067	79	3	4	5	3	0	75	75	—	— 2				94
	Brahmanbaria																							78
	Sylhet	068	9	8	05	05	96	02	6	079	79	5	4	5	2	1	75	75	—	—				—
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						98
Dacca	Mymensingh																							91
	Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						74
	Dacca (Tejgaon)	074	9	8	13	05	96	02	6	062	81	5	9	3	7	1	77	75	—	—	50.9	—	—	—
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						71
Khulna	Barisal																							81
	Khulna	125	9	4	13	05	97	02	0	045	79	0	4	4	0	0	68	75	—					68
	Satkhira																		—					65
	Jessore																							65
Rajshahi	Pabna	127	/	8	13	05	97	60	9	///	77	8	7	6	/	/	//	75						59
	Sirajganj	295	/	8	00	00	97	65	6	065	77	8	7	6	0	0	75	75						64
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		— 4				—
	Bogra	064	2	8	09	05	96	60	6	059	77	4	7	4	7	1	75	74						69
	Dinajpur																							72
	Rangpur																							84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	/	4	00	00	96	21	1	017	86	4	4	6	0	0	79	80	— 5		—	—	13.5	19
	Sialkot	000	/	4	00	00	98	29	9	029	81	4	4	6	0	0	79	79			—	—	32.1	32
Rawalpindi	Jhelum	013	/	6	13	02	97	95	9		//	7	0	9	1	1	//	67	—	—	—	—	19.8	—
	Islamabad																							
	Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1		—	—	32.4	36
	Campbellpur	000	/	4	13	05	97	//	/	///	82	0	0	9	0	0	62	75			—	—	—	—
Sargodha	Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3		—	—	1.7	15
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		—	—	11.0	—
	Lyallpur	000	/	0	00	00	97	00	0	016	84	0	0	9	0	0	71	79			—	—	80.5	12
Multan	Sahiwal																							10
	Multan	000	0	0	00	00	97	02	0	007	87	0	0	9	0	0	75	83	— 3		—	—	5.2	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		—	—	—	8
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		—	—	1.5	6
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		—	—	2.1	4
	Fort Abbas																				—	—	—	8
Malakand	Chakdara	700	/	5	09	35	97	01	9	006	71	5	3	7	0	0	69	71			—	—	4.5	—
Peshawar	Peshawar	000	0	0	00	00	98	02	0		75	0	0	9	0	0	68	71	— 1		—	—	13.6	11
	Haripur																				—	—	32.3	
D. I. Khan	Bannu	000	0	5	00	00	98	03	2	026	81	2	5	7	7	0	75	79			—	—	7.3	—
	D. I. Khan	000	/	4	09	02	97	03	0	018	95	3	0	9	3	0	79	79	— 9		—	—	4.0	11
Quetta	Sibi																							9
	Nokkundi	000	0	0	31	21	97	02	0	566	87	0	0	9	0	0	44	81	—	—	0.0	—	0.2	5
Kalat	Turbat	000	0	0	23	02	98	00	0	044	82	0	0	9	0	0	74	80	—	—	0.0	—	0.0	2
	Jiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—	—	1.5	—
	Pasni	000	0	0	18	02	97	02	0	144	74	0	0	9	0	0	62	//	—	—	0.0	— 0.9	0.0	5
	Ormara	000	0	4	27	10	96	02	2	999	81	4	0	7	3	0	75	//	—	—	0.0	— 0.8	0.0	6
	Lasbela	000	0	2	00	00	98	00	0	996	82	0	0	9	0	0	72	79	—	—	0.0	—	0.0	6
Karachi division	Karachi (Manora)																							8
	Karachi (Airport)	091	9	0	27	07	96	01	6	001	81	7	5	9	7	0	63	75	—	—	2.2	— 3.3	2.4	8
Hyderabad	Nagarparker																							—
	Chhor	000	/	/	//	//	96	02	0	586	84	0	0	9	0	0	77	79			—	—	3.0	7
	Hyderabad	000	0	2	00	05	97	01	1	989	88	0	0	9	0	1	69	84	+ 3	+ 6	1.8	— 3.6	2.2	9
	Badin	004	9	2	23	02	96	03	9	005	82	0	0	9	0	5	77	79	—	—	1.7	— 4.5	1.7	
Khairpur	Padidan	000	0	2	36	05	98	03	0	987	89	0	0	9	0	1	78	84	—	—	0.2	—	0.2	—
	Nawabshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—	—	0.6	4
	Sukkur	000	0	0	10	05	98	02	0	967	68	0	0	9	0	0	77	85	—	—	1.0	—	2.2	—
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—	—	0.0	4
	Jacobabad	000	0	0	13	07	96	05	0	588	89	0	0	9	0	0	76	67	—	+ 6	2.6	+ 0.5	2.6	20
Junagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							3
	Dras **																							6
	Leh **																							—
	Skardu *																							—
	Misgar **																							5
	Aliabad *																							59
	Gilgit *																							18
Rawalpindi	Murree *																				—	—	46.2	29
Malakand	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6		—	—	10.2	—
Peshawar	Cherat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2		—	—	18.0	—
	Kakul *	000	/	4	18	02	97	02	2	325	56	6	6	9	1	7	//	69			—	—	43.0	39
	Landikotal *	000	/	4	09	05	96	02	2	449	79	4	2	/	0	2	64	84	—		—	—	20.5	13
	Parachinar *	000	/	2	16	02	98	01	0	453	71	2	2	5	0	0	55	68			—	—	18.1	11
D.I. Khan	Miranshah *	000	/	4	05	05	97	00	1	435	95	4	0	9	0	1	70	//			—	—	4.8	13
	Wana *	000	/	0	00	00	98	00	0	464	73	0	0	9	0	0	68	69	—		—	—	1.6	—
Quetta	Fort Sandeman *	000	0	2	36	02	96	05	0	433	76	2	4	7	0	0	65	72	— 4	+ 1	1.9	— 2.7	3.2	9
	Hindubagh *	000	0	0	11	02	98	02	0	///	69	0	0	9	0	0	52	60	—	—	0.4	—	2.3	—
	Loralai *																							14
	Barkhan *																							9
	Harnai *	000	0	0	23	01	96	02	0	405	81	0	0	9	0	0	73	76	—	—	0.0	—	0.2	8
	Samungli (Quetta) *	000	0	3	13	02	97	05	0	430	72	0	0	9	0	0	63	67	— 1	+ 5	0.0	— 0.9	3.7	—
	Chaman *	000	0	0	00	00	98	00	0	429	81	0	0	9	0	0	36	79	+ 3	+ 11	0.0	— 0.1	2.0	—
	Nushki *	000	0	0	09	05	94	05	4	465	84	0	0	9	0	0	35	81	—	—	0.0	—	1.5	4
	Dalbandin *	000	0	0	00	00	95	05	0	419	78	0	0	9	0	0	69	70	— 2	+ 1	0.0	— 0.3	0.5	7
Kalat	Kalat *	000	0	0	18	02	94	00	2	436	67	0	0	9	0	0	56	66	— 14	+ 18	0.0	— 1.1	1.4	—
	Khuzdar *	009	1	0	00	20	96	02	9	415	74	0	0	9	0	0	63	69	—	—	1.4	—	1.7	5
	Panjgur *	000	0	0	23	02	96	05	0	425	75	0	0	9	0	0	72	73	0	— 2	2.0	—	0.0	—

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 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

When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 30th AUGUST, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$	N	dd	FF	VV_{ww}	W	PPP	TT	$N_hC_lhC_mC_H$	D_sV_sa	PP	7RR	t_Rt_R	$8N_sC_hh_s$	$0I_sT_sT_dT_d$	$1T_wT_wT_{w'}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5			6		7		8	9		10		11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPoToToToDoDo	hhh TTT, DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...														
Gilgit ...														
Jiwani ...														
Karachi ...														
Multan ...														
Peshawar ...														
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT, DD							Max. Wind Speed	TROPOPAUSE: First	Transition	Second	Transition
									PmPmPmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	$P_tP_tP_tT_tT_tT_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms. a.s.l.—>	At 1200 hrs. G.M.T. † of Previous day (dddff)									At 0000 hrs. G.M.T. † of date (dddff)						At 0600 hrs. G.M.T. † of date (dddff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION !	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	125 20	155 20	160 20	181 06	...	...	...	...	...	...	...	...	...	...	...	...	...
Chakfala ...	...	240 04	225 03	170 01	115 04	060 04	295 05	300 15	315 24	...	...	...	...	...	...	...	065 10	060 14	125 08	155 15	180 10	315 05	...	...	...	...
Chhor ...	250 04	010 04	025 07	049 15	040 21	070 30	...	...	...	...	065 10	060 14	125 08	155 15	150 10	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	160 23	...	...	165 23	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	135 08	145 13	170 19	215 25	215 19	...	...	...	...	155 13	165 25	175 22	179 25	160 25	...	155 18	155 22	165 24	160 23	200 19	...	...	...	...	...	...
Dacca ...	140 18	155 25	165 26	170 2	160 17	...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	075 56	060 03	040 11	025 16	351 5/	010 25	170 10	185 13	185 13	155 10	150 07	090 04	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	130 04	085 06	070 08	025 07	260 12	010 12	330 10	350 44	100 03	070 08	155 03	155 03	260 05	305 04	130 10	110 12	115 10	070 06	000 04	000 04	005 15	...	095 06	165 03	...	...
Jessore ...	170 15	170 19	180 19	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	205 03	190 04	175 03	120 05	105 08	072 07	350 45	305 25	2:0 20	135 06	200 05	180 06	165 07	155 08	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	190 09	180 12	...	...	...	...	...	...	...	110 06	155 05	150 21	...	...	...	260 07	230 04	260 04	300 06	020 E6	...	...	...	...	...	...
Karachi ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	295 14	330 10	330 50	010 09	015 07	025 18	0:0 23	055 19	055 11	...	...
Khanpur ...	030 08	020 12	010 12	355 12	355 13	355 15	...	...	...	...	055 08	075 07	...	005 05	...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	315 02	295 03	300 03	360 02	235 03	230 05	...	...	...	305 02	215 01	...	...	...	...	305 02	215 01	...	...	...	...	...	...	...	...	...
Multan ...	...	...	...	...	...	...	...	...	...	160 04	150 06	145 05	090 05	040 13	040 12	160 04	150 06	145 05	090 05	045 03	040 12	005 13	035 08	285 06	260 15	...
Nawab Shah ...	030 07	025 05	345 06	010 09	045 13	...	...	...	...	...	...	...	...	...	...	065 03	050 43	040 06	020 06	035 / /	015 15	050 17	060 10	060 10	...	...
Nokkundi ...	...	...	335 06	315 08	310 16	315 16	350 06	265 08	265 08	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	235 16	245 23	305 23	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	/// //	280 07	325 07	310 15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	115 04	085 04	075 02	020 04	335 07	340 11	330 00	270 19	280 12	065 02	100 44	110 02	030 03	020 05	325 08	065 02	100 44	110 02	030 02	220 02	3:5 CB	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

Heights in g.p. Kms a.s.l.—>	0.3	0.6	0.9	1.5	2.1	3.0	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	21·5
STATION !	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (Iliii Cdd V, V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

T_t—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures

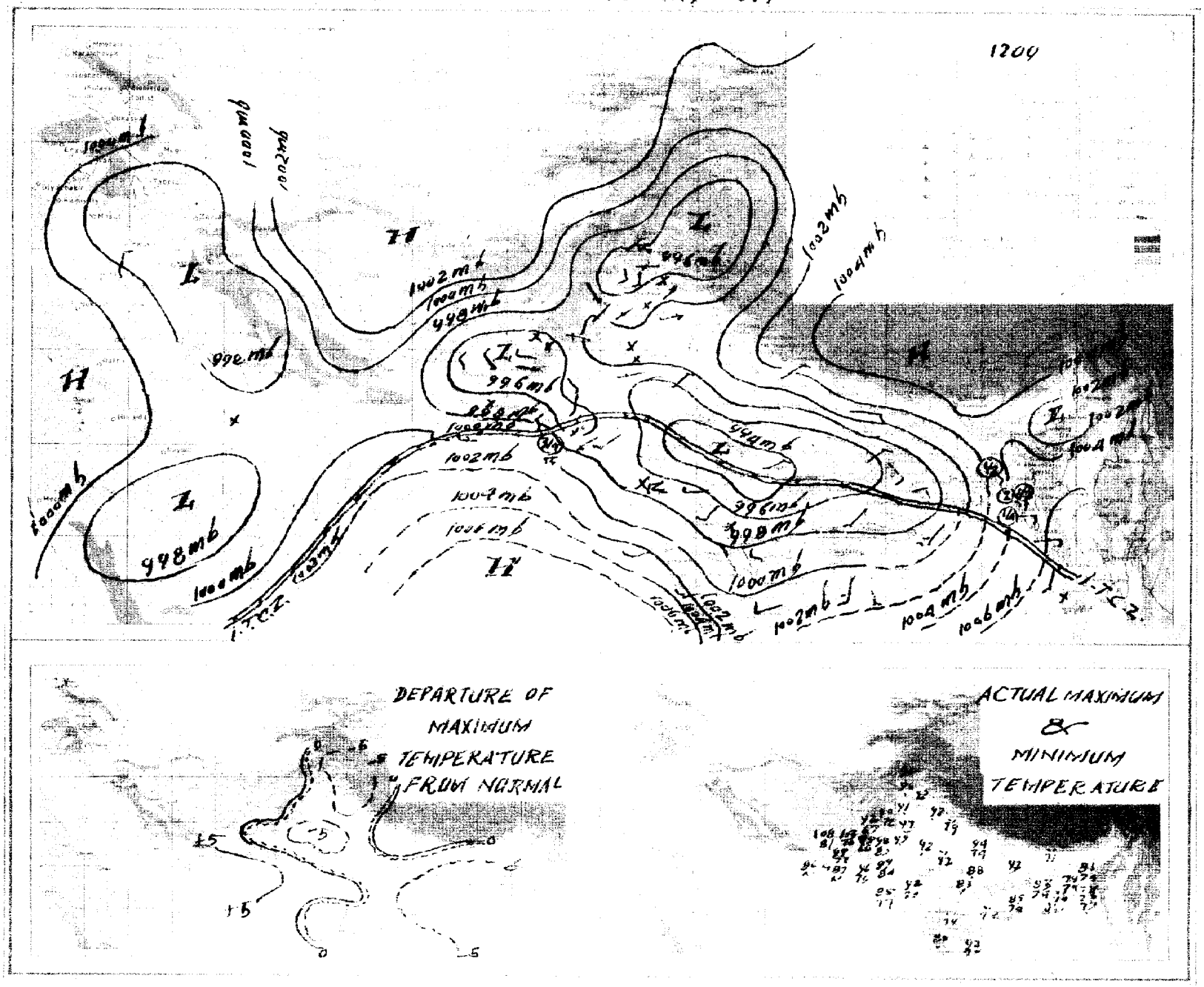
The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "ff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

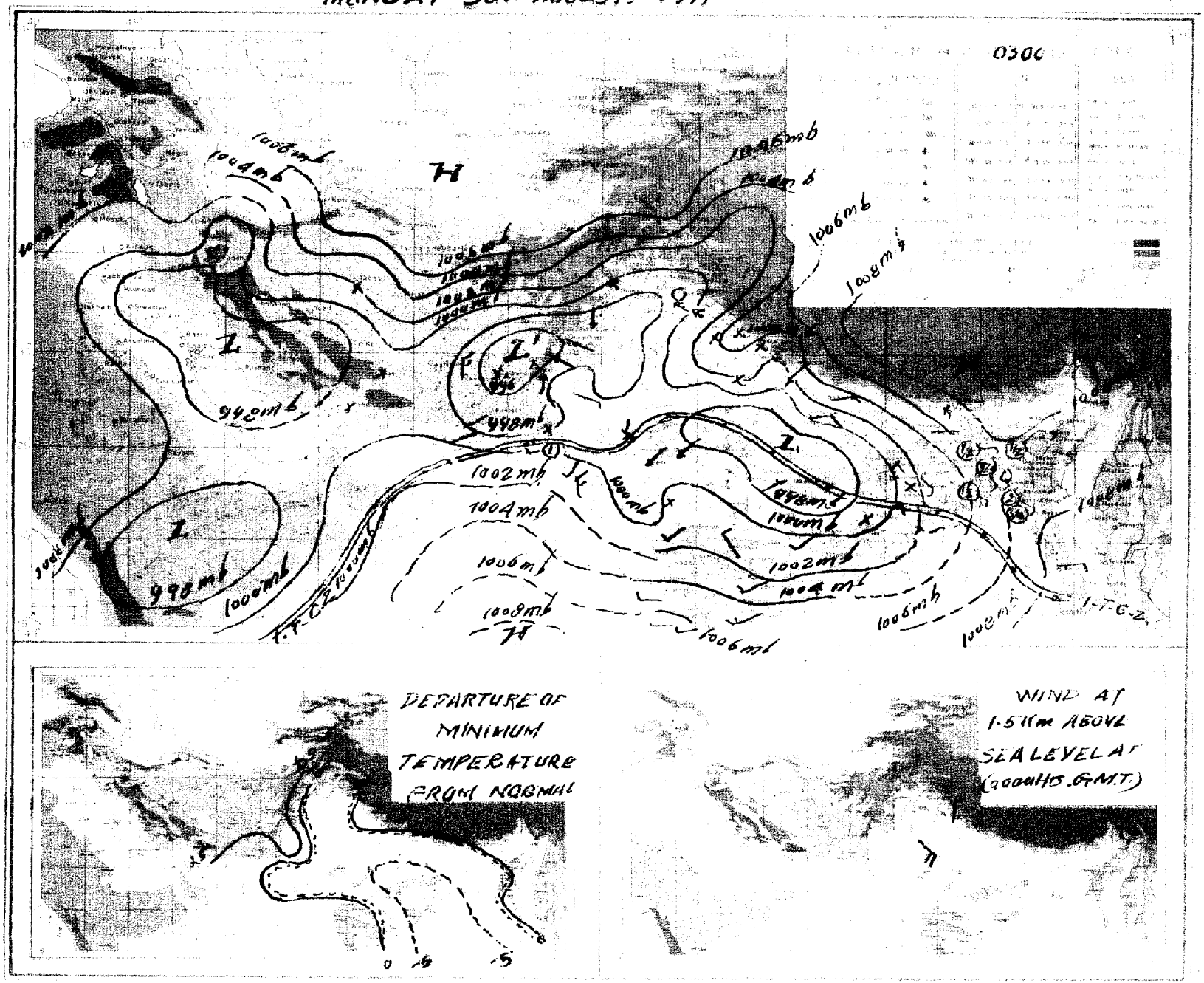
PAKISTAN DAILY WEATHER MAP

SUNDAY 29th AUGUST, 1971



PAKISTAN DAILY WEATHER MAP

MONDAY 30th AUGUST 1971



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PAKISTAN DAILY WEATHER REPORT

2-FEB 9
Copy 1972

Reg. No. S-1467
Volume No. 25

MONDAY THE 30th AUGUST, 1971.

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

Data from East and West Pakistan and the central region of India scanty, but believe yesterday's well marked low over Madhya Pradesh and adjoining areas remained practically stationary.

Rain/thundershowers have been widespread in Chittagong Dacca and Khulna divisions and fairly widespread in Rajshahi division.

The trough of low over southwest Rajasthan also apparently persists. Yesterday's secondary western disturbance over Kashmir and adjoining areas has moved away eastwards. Its induced trough persists over Malakand and Rawalpindi divisions and adjoining Kashmir.

Widespread rain/thundershowers occured over Rawalpindi division local in Lahore and Karachi divisions. A few thunderstorms/light showers have also been reported from Malakand, Peshawar, Quetta, Kalat and Hyderabad divisions.

Chief amounts of rainfall are Chittagong and Bhola 2" each, Khulna 1½", Hatiya, Faridpur and Karachi (Airport) 1" each, Cox's Bazar, and Dacca ¾" each and Sylhet and Bogra ½" each.

Day temperatures were 3—8 °F (2—4 °C) above normal in Karachi and Hyderabad divisions and were to the same extent below normal in Chittagong, Lahore, Rawalpindi, Multan, northern Kalat and Khairpur divisions.

Forecast valid until the evening of the 31st August, 1971 :—Rain/thundershowers will be fairly widespread over the coastal districts and local elsewhere over East Pakistan and scattered in Lahore, Rawalpindi, Sargodha, Multan, Bahawalpur, Khairpur, Karachi and Hyderabad divisions and in Kashmir.

Karachi-32
The 30th August, 1971.

OBSERVATIONS

M. SHAHABUDDIN
for Director Meteorological Services.

At 12 Hrs. G.M.T. of Previous day

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud † Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	099	1	7	18	02	97	02	6	067	77	5	7	5	7	1	75	79
	Cox's Bazar	085	9	8	09	09	96	02	6	046	77	4	5	4	4	0	73	77
	Chittagong	244	9	8	13	06	96	02	6	049	76	4	4	4	2	4	76	79
	Maijdee Court	350	9	8	00	00	96	03	6	038	73	8	4	4	0	0	73	77
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria	...																
	Sylhet	048	9	8	36	02	92	06	6	050	79	5	2	5	2	0	76	80
	Srimangal	024	9	8	00	00	96	03	6	052	77	6	8	3	2	0	76	80
Dacca	Mymensingh	...																
	Narayanganj	025	1	8	23	06	96	21	6	039	77	2	7	3			76	79
	Dacca (Tejgaon)	045	9	8	13	05	96	02	6	030	77	3	7	3	7	0	76	79
	Faridpur	053	6	9	16	02	96	61	6	013	79	7	4	5	1	0	77	79
Khulna	Barisal	...																
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira																	
	Jessore																	
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajshahi	040	9	8	09	03	96	61	6	010	71	3	1	3	3	0	76	80
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinajpur																	
	Rangpur																	
Kashmir	Jammu	...																
Lahore	Lahore (Jail Rd.)	000	0	3	27	02	97	03	2	983	90	3	4	6	0	0	73	92
	Sialkot	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	0	2	23	02	93	82	1	997	92	2	1	6	6	0	72	94
	Islamabad																	
	Rawalpindi	000	0	1	00	00	98	01	0	972	00	1	1	6	0	0	66	92
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha	Khushab	000	0	0	00	00	97	00	0	984	95	0	0	9	0	0	77	96
	Sargodha	000	0	1	00	00	97	02	0	981	92	1	1	6	0	0	75	95
	Lyallpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan	Sahiwal	...																
	Multan	000	0	3	00	00	97	01	1	983	93	2	2	3	6	0	75	97
	Leiah	000	0	0	36	02	95	00	0	992	02	0	0	9	0	0	74	01
Bahawalpur	Khanpur	000	0	3	08	02	96	01	1	976	97	1	2	6	3	0	71	99
	Bahawalpur	000	0	0	00	00	96	00	0	985	98	0	0	9	0	0	70	96
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malakand	Chakdara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Peshawar	000	0	1	09	02	98	02	0	957	93	1	1	6	0	0	69	96
	Haripur																	
D.I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. I. Khan	000	0	3	05	02	97	03	1	979	93	3	0	9	3	0	79	91
Quetta	Sibi	...																
	Nokkundi	000	0	0	31	07	96	02	4	987	07	2	2	9	0	0	63	08
Kalat	Turbat	000	0	0	02	00	93	00	0	029	97	1	0	9	0	0	63	97
	Jiwani	000	6	5	02	//	96	02	9	021	83	6	6	5	0	0	74	16
	Pasni	000	0	0	27	04	97	00	0	142	76	0	0	9	0	0	67	//
	Ormara	000	0	1	27	16	96	04	4	969	84	1	6	6	0	0	78	87
	Lasbela	//	0	4	00	00	98	00	0	016	04	0	0	8	0	0	72	04
Karachi division	Karachi (Manora)	...																
	Karachi (Airport)	075	2	7	31	03	96	50	9	000	75	9	6	4	2	0	75	96
Hyderabad	Nagarparker	...																
	Chhor	000	0	5	23	02	96	03	1	961	98	5	4	6	0	0	78	98
	Hyderabad	000	0	7	00	00	97	10	2	977	99	2	5	6	3	1	75	99
	Badin	000	0	1	00	00	96	01	1	980	97	1	1	6	0	0	78	98
Khairpur	Padidan	000	0	3	36	03	96	04	1	969	00	2	1	7	3	0	72	02
	Nawabshah	000	0	6	13	03	96	03	1	978	99	6	3	6	0	0	81	01
	Sukkur	000	0	6	02	05	96	03	0	970	98	6	0	9	6	0	78	96
	Kashmore	000	0	0	05	09	98	00	2	981	99	0	0	9	0	0	71	00
	Jacobabad	000	0	0	13	03	96	05	0	971	97	0	0	9	0	0	74	//
Junagadh	Veraval	...																
	HILL STATIONS																	
Kashmir	Srinagar *	...																
	Gulmarg ***	...																
	Sonamarg ***	...																
	Dras ***	...																
	Leh ***	...																
	Skardu ***	...																
	Miagar ***	...																
	Aliabad ***	...																
	Gilgit ***	...																
Rawalpindi	Murree *	...																
Malakand	Drosh *	...	000	2	4	23	09	98	02	9	369	90	4	2	7	3	0	45
Peshawar	Cherat *	...	000	0	2	18	05	98	01	1	435	82	2	1	8	0	0	64
	Kakul *	...																
	Landikotal *	...	000	0	1	18	05	98	01	0	428	87	0	0	9	0	0	70
	Parachinar *	...																
	Miranshah *	...																
D.I. Khan	Wana *	...	000	0	2	30	02	98	00	0	381	74	2	5	8	0	0	63
Quetta	Fort Sandeman *	...	000	0	0	04	02	96	05	0	502	90	2	4	7	0	1	47
	Hindubagh *	...	000	0	0	11	02	95	05	0	111	65	0	0	9	0	0	55
	Loralai *	...																
	Barkhan *	...																
	Harnai *	...																
	Samungli (Quetta) *	...	000	0	0	13	01	96	03	0	418	81	0	0	9	0	0	61
	Chaman *	...	000	0	0	00	00	96	05	0	416	88	3	2	6	0	0	41
	Nushki *	...	000	0	0	00	00	96	00	0	405	97	0	0	9	0	0	76
	Dalbandin *	...	000	0	0	27	03	95	05	6	458	01	0	0	9	0	0	44
Kalat	Kalat *	...	000	0	0	30	03	95	05	0	418	03	0	0	9	0	0	39
	Khuzdar *	...	000	0	0	27	02	92	00	2	350	66	0	0	9	0	0	64
	Panjgur *	...	003	2	6	36	17	96	17	9	405	88	5	9	6	2	0	56
		...	000	0	4	00	09	96	05	0	411	98	2	5	6	2	0	90

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

STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature TT	Amount of Lowest Cloud † Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum temperature TnTn	Maximum temperature TxTx	Minimum temperature TnTn	Departure from Normal of Maximum temperature (since 1st June, 1971 to-date)	Departure from Normal of Minimum temperature (since 1st June, 1971 to-date)	Departure from normal (since 1st January, 1971 to-date)	Annual Normal
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Rangamati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 9					140
Chittagong	244	0	1	13	05	96	02	2	073	79	2	5	4	2	0	75	— 7	+ 1	119.7	+55.6	—	108
Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						115
Comilla	016	6	5	18	05	96	02	6	067	79	3	4	5	3	0	75	—	— 2				94
Brahmanbaria																						78
Sylhet	069	9	8	05	05	96	02	6	079	79	5	4	5	2	1	75	—	—				—
Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						98
Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						91
Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						74
Dacca (Tejgaon)	074	9	8	13	05	96	02	6	062	81	5	9	3	7	1	77	—	—	50.9	—	—	—
Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						71
Barisal																						81
Khulna	125	9	4	13	05	97	02	0	045	79	0	4	4	0	0	18	—					68
Satkhira																	—					65
Jessore																						65
Pabna	127	/	8	13	05	97	60	9	...	77	9	7	6	/	/	...						59
Sirajganj	295	/	8	00	00	97	65	6	065	77	8	7	6	0	0	75						64
Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		— 4				—
Bogra	064	2	8	09	05	96	60	6	059	77	4	7	4	7	1	75						69
Dinajpur																						72
Rangpur																						84
Jammu																						—
Lahore (Jail Rd.)	000	/	4	00	00	96	21	1	017	86	4	4	6	0	0	79	— 5		—	—	13.5	19
Sialkot	000	/	4	00	00	98	29	9	029	81	4	4	6	0	0	79			—	—	32.1	32
Jhelum	013	/	6	13	02	97	55	9	...	...	7	0	9	1	1	...	—	—	—	—	19.8	—
Islamabad																						—
Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1		—	—	22.4	36
Campbellpur	000	/	4	13	05	97	...	...	82	0	0	9	0	0	62	75			—	—	—	—
Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3		—	—	1.7	15
Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		—	—	11.0	—
Lyallpur	000	/	0	00	00	97	00	0	016	84	0	0	9	0	0	71			—	—	60.5	12
Sahiwal																						10
Multan	000	0	0	00	00	97	02	0	007	87	0	0	9	0	0	75	— 3		—	—	5.2	7
Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		—	—	—	—
Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		—	—	1.5	6
Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		—	—	2.1	6
Fort Abbas																			—	—	—	6
Chakdara	700	/	5	09	05	97	01	9	056	71	5	3	7	0	0	69			—	—	4.5	—
Peshawar	000	0	0	00	00	98	02	0	...	75	0	0	9	0	0	68	— 1		—	—	13.6	8
Haripur																			—	—	32.3	11
Bannu	000	0	5	00	00	98	03	2	026	81	2	5	7	7	0	75			—	—	7.3	—
D. I. Khan	000	/	4	09	02	97	03	0	018	85	3	0	9	3	0	79	— 9		—	—	4.0	11
Sibi																						9
Nokkundi	000	0	0	31	21	97	02	0	166	87	0	0	9	0	0	44	—	—	0.0	—	0.2	5
Turbat	000	0	0	23	02	98	00	0	144	82	0	0	9	0	0	74	—	—	0.0	—	0.0	2
Jiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—	—	1.5	—
Pasni	000	0	0	18	02	97	02	0	144	74	0	0	9	0	0	62	—	—	0.0	— 0.9	0.0	5
Ormara	000	0	4	27	10	96	02	2	999	81	4	0	7	3	0	75	—	—	0.0	— 0.6	0.0	6
Lasbela	000	0	2	00	00	98	00	0	996	82	0	0	9	0	0	72	—	—	0.0	—	0.0	6
Karachi (Manora)																						8
Karachi (Airport)	091	9	0	27	07	96	01	6	001	81	7	5	9	7	0	63	—	—	2.2	— 3.3	2.4	8
Nagarparker	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
Chhor	000	/	/	/	/	96	02	0	986	84	0	0	9	0	0	77			—	—	3.0	7
Hyderabad	000	0	2	00	05	97	01	1	989	88	0	0	9	0	1	69	+ 3	+ 6	1.8	— 3.6	2.2	9
Badin	004	9	2	23	02	96	03	9	005	82	0	0	9	0	5	77	—	—	1.7	— 4.5	1.7	—
Padidan	000	0	2	36	05	98	03	0	987	89	0	0	9	0	1	78	—	—	0.2	—	0.2	—
Nawabshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	0.6	4
Sukkur	000	0	0	10	05	98	02	0	967	88	0	0	9	0	0	77	—	—	1.8	—	2.2	—
Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—	—	0.0	4
Jacobabad	000	0	0	13	07	96	05	0	988	89	0	0	9	0	0	76	—	+ 6	2.6	+ 0.5	2.6	—
Veraval																						20
HILL STATIONS																						26
Srinagar																						—
Gulmarg																						71
Sonamarg																						26
Dras																						3
Leh																						6
Skardu																						—
Miagar																						—
Aliabad																						5
Gilgit																						39
Murree																			—	—	46.2	18
Drosh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6		—	—	10.2	29
Cherat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2		—	—	18.0	—
Kakul	000	/	4	18	02	97	02	2	325	56	6	6	9	1	7	68			—	—	43.0	—
Landikotal	000	/	4	09	05	96	02	2	449	79	4	2	/	0	2	64	—		—	—	20.5	39
Parachinar	000	/	2	16	02	98	01	0	453	71	2	2	5	0	0	55			—	—	18.1	13
Miranshah	000	/	4	05	05	97	00	1	435	95	4	0	9	0	1	70			—	—	4.8	11
Wana	000	/	0	00	00	98	00	0	464	73	0	0	9	0	0	68	—		—	—	1.6	13
Fort Sandeman	000	0	2	36	02	96	02	0	433	76	2	4	7	0	0	65	— 4	+ 1	1.9	— 2.7	3.2	—
Hindubagh	000	0	0	11	02	98	02	0	111	69	0	0	9	0	0	52	—	—	0.4	—	2.3	9
Loralai																						—
Barkhan																						14
Harnai																						9
Samungli (Quetta)	000	0	0	23	01	96	02	0	405	81	0	0	9	0	0	73	—	—	0.0	—	0.2	8
Chaman	000	0	3	13	02	97	05	0	430	72	0	0	9	0	0	63	— 1	+ 5	0.0	— 0.9	2.7	—
Nushki	000	0	0	00	00	98	00	0	429	81	0	0	9	0	0	36	+ 3	+ 11	0.0	— 0.1	2.0	—
Dalbandin	000	0	0	09	05	94	05	4	465	84	0	0	9	0	0	35	—	—	0.0	—	1.5	4
Kalat	000	0	0	00	00	95	05	0	419	78	0	0	9	0	0	69	— 2	+ 1	0.0	— 0.3	0.5	7
Khuzdar	000	0	0	18	02	94	00	2	436	67	0	0	9	0	0	56	— 14	+ 18	0.0	— 1.1	1.4	—
Panjgur	000	1	0	00	20	96	02	9	415	74	0	0	9	0	0	63	—	—	1.4	—	1.7	—
	000	0	0	23	02	96	05	0	425	75	0	0	9	0	0	72	0	— 2	2.0	—	0.0	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 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

When ever 999 is given RRR see the summary boxes for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 30th AUGUST, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$ N dd FF	VV $_{ww}$ W	PPP TT $N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	8N,Ch,h_s	$0T_sT_sT_sT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4 5	6	7 8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000$_{mb}$	850$_{mb}$	700$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$	70$_{mb}$	50$_{mb}$	30$_{mb}$
		PoPoPoToToDoDo	hhh TTT$_s$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...														
Dacca ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...														
Multan ...														
Peshawar ...														
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT$_s$ DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmPmPmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	$P_tP_tP_tT_tT_tT_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms. a.s.l.—>	At 1200 hrs. G.M.T. † of Previous day (dddff)									At 0000 hrs. G.M.T. † of date (dddff)						At 0600 hrs. G.M.T. † of date (dddff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 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
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	240 04	225 03	170 01	115 04	060 04	295 05	300 15	315 24	125 20	155 20	160 20	181 06	...	...	...	065 10	060 14	125 08	155 15	180 10	315 05	...	...	...	...
Chhor ...	250 04	010 04	025 07	045 15	040 21	070 30	...	...	...	...	065 10	060 14	125 08	155 15	180 10	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	160 23	...	...	165 23	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	135 06	145 13	170 19	215 25	215 19	...	...	...	...	155 13	165 25	175 22	178 25	160 25	...	155 18	155 22	165 24	160 23	200 19	...	...	...	...	...	...
Dacca ...	140 18	155 25	165 26	170 2	160 17	...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	075 56	060 00	040 11	025 16	351 5/	010 25	170 10	185 13	165 13	155 10	150 07	090 04	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	130 04	085 06	070 08	025 07	360 12	010 12	330 10	350 44	100 03	070 08	155 03	155 03	260 05	305 04	130 10	110 12	115 10	070 06	000 04	000 04	005 15	...	095 06	165 03	...	...
Jessore ...	170 15	170 19	160 19	...	...	...	...	...	...	No	A-cent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	205 03	190 04	175 03	120 05	105 09	075 07	350 45	305 25	250 20	135 06	200 05	180 06	165 07	155 08	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	190 09	180 12	...	...	...	...	...	...	...	110 06	155 05	150 21	...	...	...	260 07	230 04	260 04	390 06	000 06	...	...	...	...	...	...
Karachi ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	295 14	330 10	330 50	010 09	015 07	025 18	0 0 23	055 19	055 11	...	...
Khanpur ...	030 08	020 12	010 12	355 12	355 13	355 15	...	...	...	...	055 08	075 07	...	005 05	...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	315 02	295 03	300 03	360 02	235 03	230 05	...	...	...	305 02	215 01	...	...	...	...	205 02	215 01	...	...	...	...	...	...	...	...	...
Multan ...	...	...	...	...	...	...	...	...	...	160 04	150 06	145 05	090 05	040 53	040 12	160 04	150 06	145 05	090 05	045 03	040 12	005 13	035 (8	285 06	260 15	...
Nawab Shah ...	030 07	025 05	345 06	010 09	045 13	...	...	...	...	...	...	...	...	...	...	065 03	050 40	040 06	020 06	035 11	015 15	050 17	060 10	060 10	...	...
Nokkundi ...	...	...	335 06	315 08	310 16	315 16	350 06	265 08	265 08	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	235 16	245 23	305 23	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	/// /	280 07	325 07	310 15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	115 04	085 04	075 02	020 04	335 07	340 11	330 00	270 19	280 12	065 02	100 44	110 02	030 03	020 05	325 08	005 02	130 44	110 02	030 02	220 02	3.5 (8	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (Hiii Cdd V, V, etc.)

PPP—Pressure in hundreds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

T_a—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures

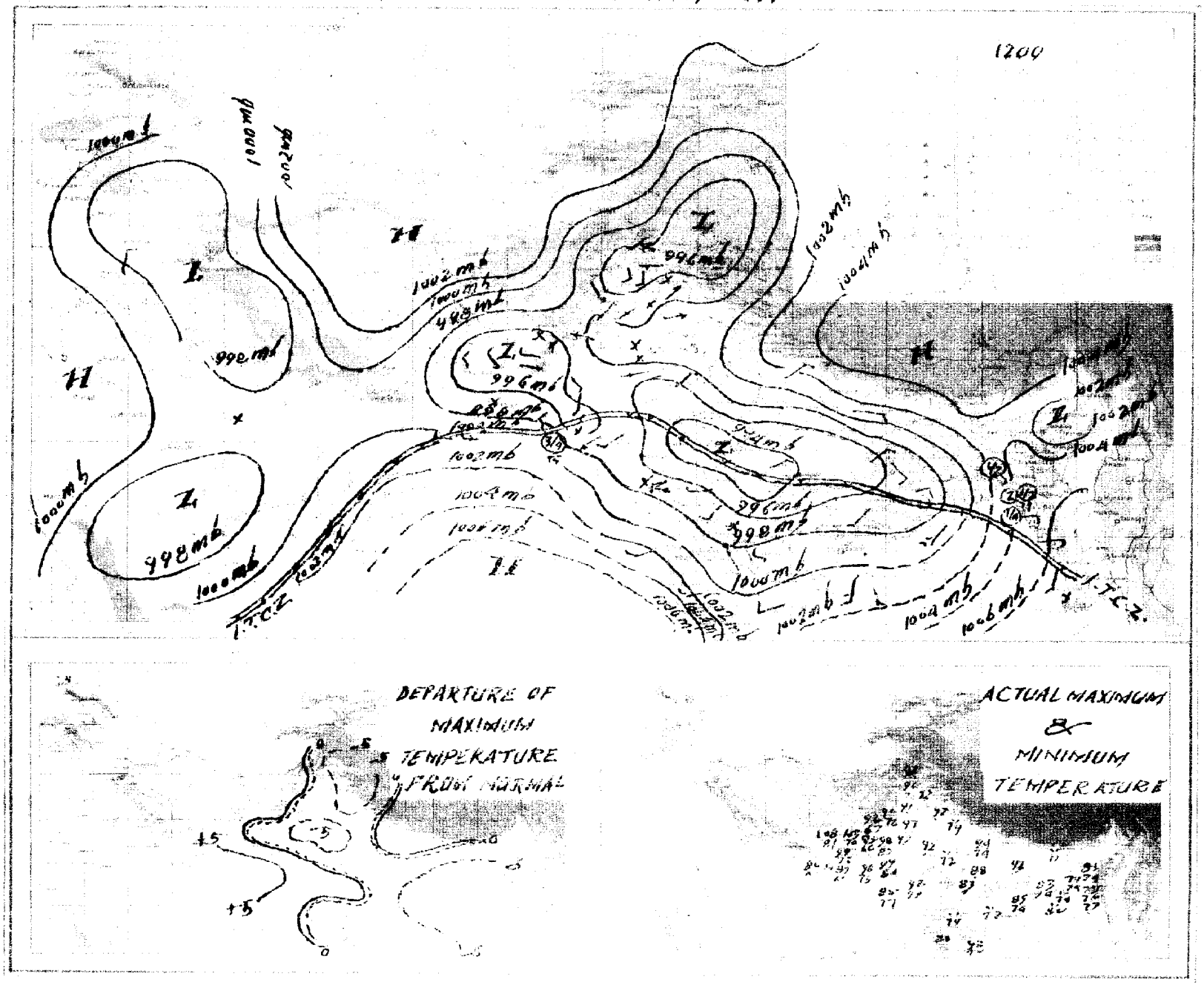
The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "ff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologists. Main Analysis Centre, University Road Karachi—32.

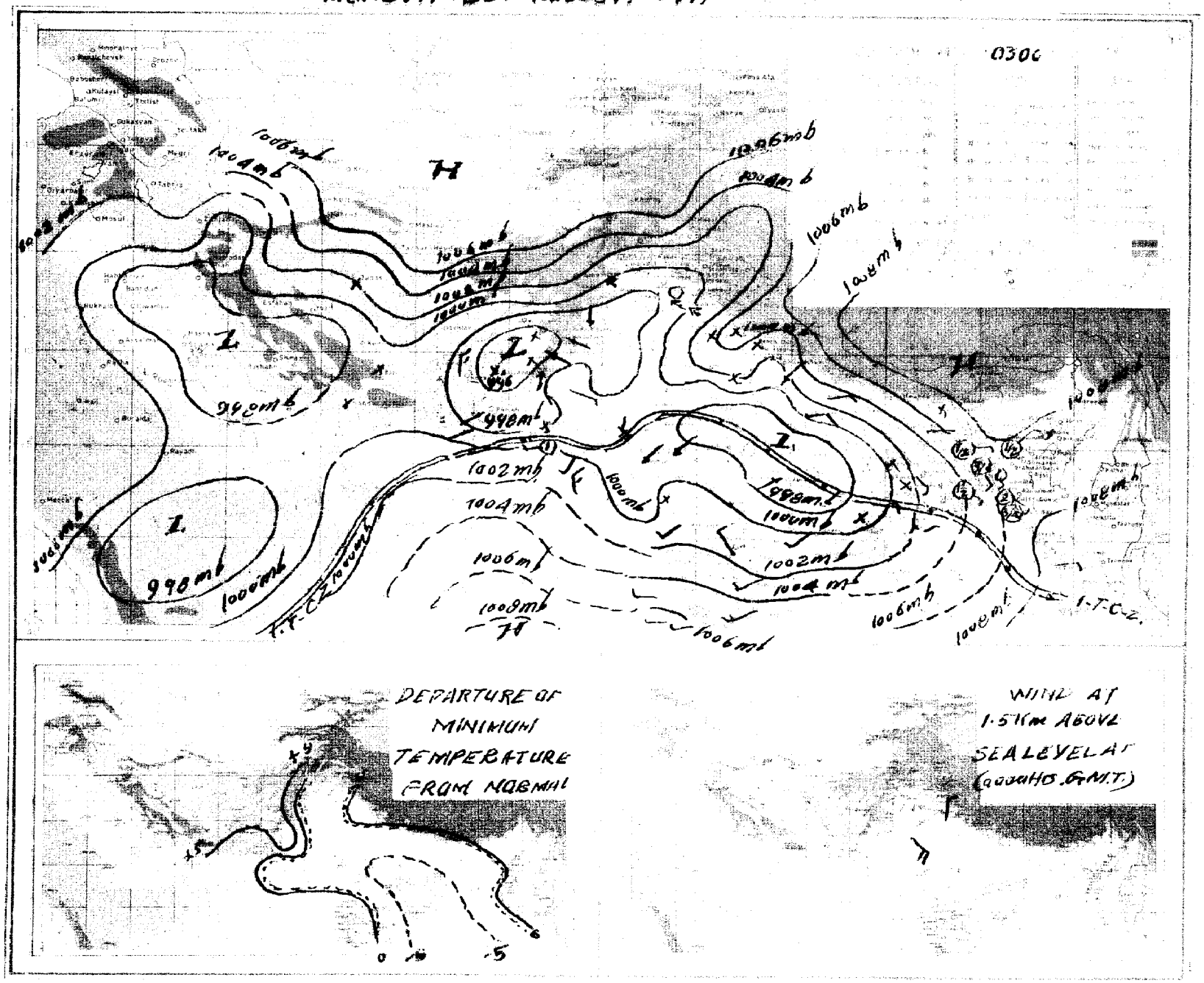
PAKISTAN DAILY WEATHER MAP

SUNDAY 29th AUGUST, 1971



PAKISTAN DAILY WEATHER MAP

MONDAY 30th AUGUST, 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

SUNDAY THE 29th AUGUST, 1971.

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

The well marked low over east Madhya Pradesh and adjoining areas has moved slightly westnorthwestwards.
Rain/thundershowers have been widespread in Khulna division, fairly widespread in Chittagong and Dacca divisions and local in Rajshahi divisions.
Yesterday's secondary western disturbance is now moving away northeastwards across Kashmir and adjoining areas.
The trough of low over southwest Rajasthan and adjoining areas of West Pakistan persists.
Local rain/thundershowers have occured in Hyderabad division and scattered in Kalat division. Scattered thunderstorms have also been reported from Multan, Malakand and Khairpur divisions and light rain from Lahore and Peshawar divisions.
Chief amounts of rainfall are Chittagong and Comilla 4", Hatiya and Jessore 3" each, Sandwip and Cox's Bazar 2" each, Rangamati, Narayanganj and Chhor 1½" each, Faridpur, 1", Badin ¾", Srimangal, Dacca, Satkhira and Bhola ½" each and Bogra and Khuzdar ¼" each.
Day temperatures were 6—11 °F (3—6 °C) below normal in Chittagong, Khulan, Lahore, Sargodha, Multan, Peshawar, D. I. Khan and Khairpur divisions and 3—5 °F (2—3 °C) so in Rawalpindi, Malakand, northern Quetta and northern Kalat divisions and at a few places in Dacca and Rajshahi divisions and were 4—8 °F (2—4 °C) above normal in central Quetta, Karachi and Hyderabad divisions.
Forecast valid until the evening of the 30th August, 1971 :—Rain/thundershowers will be fairly widespread in East Pakistan and in Hyderabad division and scattered elsewhere over west Pakistan and in Kashmir.

Karachi-32
The 29th August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wa)	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 from † (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 † (Wa)	Total Cloud amount (N)	Wind direction in tens of degree (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 (TnTn)	Departure from Normal of Maximum temperature (TxTx)	Departure from Normal of Minimum temperature (TnTn)	Rainfall: Since 1st June, 1971 to-date (39)	Departure from normal (40)	Since 1st January, 1971 to-date (41)	Annual Normal (42)
		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	016	7	7	18	02	97	60	6	052	77	6	7	4	1		75	84	177	4	8	18	00	94	62	6	050	73	9		9			70	75	—	—				—
	Cox's Bazar	033	9	8	13	06	96	61	6	031	75	6	3	4	2	0	75	77	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 9	—				140
	Chittagong	106	9	8	11	06	96	50	6	037	75	7	7	3	2	1	75	79	339	9	8	13	04	96	62	6	068	75	7	7	2	2	...	75	75	— 7	— 1	117.3	+53.7	—	106
	Maijdee Court	039	0	8	16	13	96	03	2	022	79	5	5	4	2	1	75	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 6	—				115
	Comilla	000	0	7	10	31	96	02	2	024	79	7	4	4	0	0	79	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4					94
	Brahmanbaria																																									78
	Sylhet	000	0	7	18	05	96	02	2	043	81	5	3	5	3	0	73	87	000	0	8	13	05	96	02	2	060	81	6	3	5	1	0	75	75	—	—				—
	Srimangal	015	9	8	00	00	95	62	9	048	75	6	9	3	3	/	75	88	061	9	8	13	03	96	62	6	074	77	9	6	3	1		75	73	— 2	— 3				98
Dacca	Mymensingh	000	0	8	16	02	96	02	2	030	81	6	4	5	/	0	68	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 5					91
	Narayanganj	000	0	8	13	06	96	03	5	027	79	8	6	3	/	/	73	81	027	9	8	13	04	97	61	6	054	77	8	7	3	1	/	75	75	— 7	— 4				74
	Dacca (Tejgaon)	001	9	8	13	09	96	02	6	025	79	5	5	4	2	/	75	/	063	7	8	09	05	96	61	6	052	77	9	4	3	7	/	75	75	—	—	50.1	—	—	—
	Faridpur	000	0	8	16	02	96	02	2	030	81	6	4	5	1	0	68	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 5					71
Khulna	Barisal	057	8	8	00	00	96	63	6	019	77	7	7	3	2	/	77	81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 6					81
	Khulna																																									68
	Satkhira	000	0	4	09	09	97	50	5	002	79	4	7	9	0	0	75	84	010	2	8	18	04	97	59	6	030	75	5	7	5	0	0	75	75	—	—				65
	Jessore	033	3	8	13	07	96	02	6	013	79	5	6	3	2	/	75	84	309	3	8	13	07	96	60	6	029	75	7	7	3	2	1	73	/	— 5	—				65
Rajshahi	Pabna	006	9	8	13	05	94	01	6	/	79	8	7	6	/	/	77	81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				59
	Sirajganj	000	0	8	00	00	97	02	2	016	81	8	6	7	0	0	77	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 5					64
	Rajshahi	020	8	8	05	02	96	61	6	010	75	4	7	3	3	0	75	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
	Bogra	001	0	7	09	03	96	02	2	018	82	5	5	3	3	0	75	84	019	1	8	09	09	96	58	6	040	79	6	5	4	3	0	75	75	— 4	— 3				69
	Dinajpur	000	3	6	09	02	96	01	6	012	84	3	1	6	0	9	77	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 5					72
	Rangpur	000	0	4	09	05	96	01	2	021	84	1	2	6		0	79	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					84
Kashmir	Jammu																																									—
Lahore	Lahore (Jail Rd.)	000	1	5	00	00	97	21	6	008	82	4	9	6	3	0	75	86	000	0	2	00	00	97	01	1	035	81	2	0	9	3	0	75	76	— 11	— 2	10.5	— 1.5	13.5	19
	Sialkot	000	0	3	00	00	99	01	1	012	87	3	4	6	0	0	69	88	000	0	1	00	00	98	02	0	042	90	1	0	9	3	0	76	75	— 6	— 2	22.3	+ 2.7	32.1	32
Rawalpindi	Jhelum	000	0	2	13	03	93	02	0	002	88	1	1	3	0	0	70	90	000	0	4	18	02	98	02	0	033	79	4	0	7	9	0	76	76	—	—	3.4	—	19.6	—
	Islamabad																																			— 4			—	22.4	36
	Rawalpindi	000	0	1	00	00	97	02	0	021	87	1	1	6	0	0	68	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—		—		—
	Campbellpur	000	0	0	18	01	98	00	0	/	97	0	0	9	0	0	97	99	010	0	8	00	00	97	00	0	/	83	0	0	9	0	0	82	72	—	—		—		—
Sargodha	Khushab	000	0	0	00	00	97	00	0	000	90	0	0	9	0	0	77	91	000	0	0	00	00	97	06	0	033	80	0	0	9	0	0	74	/	— 8	—	1.0	— 7.7	1.7	15
	Sargodha	000	0	2	09	05	97	01	0	005	86	2	1	6	3	0	74	91	000	0	2	09	03	97	01	0	035	81	1	5	6	0	1	78	75	—	—	7.0	—	11.0	—
	Lyallpur	000	0	4	36	02	97	02	1	016	83	4	0	9	4	0	51	99	000	0	5	00	00	97	02	1	039	83	5	4	7	0	0	73	76	4 1	— 3	5.3	— 2.2	10.5	12
Multan	Sahiwal																																									10
	Multan	000	9	3	36	02	97	03	6	003	88	1	0	9	3	1	78	89	000	0	3	00	00	97	01	2	027	84	3	0	9	3	0	78	76	— 11	— 5	4.6	+ 0.2	5.2	7
	Leiah	000	0	3	36	02	95	03	0	939	00	0	3	7	0	0	82	00	000	0	0	36	02	93	00	0	098	87	0	0	9	0	0	74	10	—	—	—	—	—	8
Bahawalpur	Khanpur	000	0	0	05	07	96	02	0	069	94	0	0	9	0	0	70	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	1.1	— 3.6	1.5	6
	Bahawalpur	000	0	1	00	00	95	04	6	007	89	0	0	9	0	0	71	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	— 4.0	2.1	6
	Fort Abbas	000	0	0	05	02	98	00	0	016	90	0	0	9	0	0	83	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	9
Malakand	Chakdara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	00	00	98	01	0	023	74	1	0	8	3	7	70	70	—	—	11.7	—	4.6	—
Peshawar	Peshawar	000	0	4	31	03	97	01	1	994	88	1	8	6	0	0	70	90	000	0	2	00	00	97	02	0	038	78	1	1	6	3	0	72	74	— 7	— 3	4.1	+ 0.6	13.6	11
	Haripur	005	6	0	23	03	98	00	6	042	79	0	0	9	0	0	69	86	000	0	0	36	02	98	00	0	063	80	0	0	9	0	0	67	70	—	—	24.4	—	32.3	—
D. I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	02	0	072	76	0	0	9	0	0	67	/	—	—	4.9	—	7.3	11
	D. I. Khan	000	0	3	05	03	97	01	1	030	88	3	2	6	0	0	72	/	000	0	7	09	02	97	02	1	067	81	3	5	6	7	0	75	/	—	—	1.8	— 2.9	4.0	9
Quetta	Sibi																																									5
	Nokkundi	000	0	0	31	02	94	05	4	913	07	0	0	9	0	0	53	09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	—	0.2	2
Kalat	Turbat	000	0	0	28	02	98	00	0	982	/	0	0	9	0	0	86	/	000	0	0	16	02	98	00	0	009	/	0	0	9	0	0	78	82	—	—	0.0	—	0.0	—
	Jiwani	000	0	6	18	05	96	02	2	005	85	6	6	4	0	0	81	81	000	2	7	16	02	96	93	5	026	81	6	6	5	0	0	77	79	—	—	0.0	—	1.5	5
	Pasni	000	0	0	27	02	97	00	0	142	/	0	0	9	0	0	67	/	000	0	0	27	02	97	02	0	/	76	6	7	9	0	2	/	/	—	—	0.0	— 0.9	0.0	6
	Ormara	000	0	1	27	12	96	02	2	0.8	86	1	6	6	0	0	77	/	000	0	4	27	07	96	02	2	015	82	4	0	7	3	0	57	/	—	—	0.0	— 0.8	0.0	6
	Lasbela	000	0	5	00	00	96	00	0	974	00	0	0	9	0	0	73	03	000	0	0	00	00	98	02	0	017	80	0	0	9	0	0	73	79	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora)																																									8
	Karachi (Airport)	000	0	0	23	10	96	02	2	991	88	0	0	9	0	0	77	92	000	0	4	31	09	96	01	2	021	83	0	0	9	0	1	77	81	—	—	1.3	— 4.3	1.5	—
Hyderabad	Nagarparkar																																									—
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	151	9	4	00	00	96	03	9	008	82	4	0	9	3	0	76	77	—	—	3.0	—	3.0	7
	Hyderabad	030	0	3	23	03	97	02	0	976	00	1	0	9	3	/	71	04	000	8	6	27	09	97	03	5	048	85	7	0	9	2	0	75	79	+ 8	+ 1	1.8	— 3.6	2.2	9
	Badin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	073	9	0	03	01	96	03	9	020	79	3	0	9	4	0	75	75	—	—	1.7	— 4.4	1.7	—
Khairpur	Padidan	000	0	2	31	03	96	02	0	977	00	2	1	6	0	0	70	02	000	0	7	05	03	96	03	9	031	66	0	0	9	0	1	47	82	—	—	0.2	—	0.2	—
	Nawabshah	000	0	0	00	00	96	02	0	979	00	0	0	9	0	0	79	02	000	0	5	09	03	96	03	1	016	74	0	0	9	7	0	80	83	—	—	0.6	—	0.6	4
	Sukkur	000	2	0	02	05	98	02	0	916	97	0	0	9	0	0	76	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	1.8	—	2.2	—
	Kashmore	000	0	5	03	05	98	02	2	904	97	0	0	9	0	0	72	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	0.0	4
	Jacobabad	000	0	2	13	03	96	05	1	906	96	0	0	9	0	1	76	97	000	0	3	09	07	96	05	2	018	78	2	0	9	3	1	75	85	— 7	+ 4	2.6	+ 0.5	2.6	20
Junagadh	Veraval																																									26
	HILL STATIONS																																									—
Kashmir	Srinagar *																																									71
	Gulmarg **																																									26
	Sonamarg ***																																									3
	Dras ***																																									6
	Leh *																																									—
	Skardu *																																									—
	Misgar **																																									5
	Aliabad ***																																									39
	Gilgit ***																																									18
Rawalpind	Murree *																																									—
Malakand	Drosh *	000	0	3	23	12	98	01	1	399	89	3	1	7	0	0	49	91	000	0	4	00	00	95	01	1	455	72	7	3	0	0	0	58	70	— 2	0	1.6	—	46.2	29
Peshawar	Cherat *	000	0	4	18	05	97	01	2	456	69	4	4	8	0	0	67	76	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 9		—	—	18.0	—
	Kakul *	002	0	2	31	03	98	01	2	444	77	2	2	5	0	0	58	79	002	0	3	20	05	98	03	0	463	72	1	2	6	2	0	61	65	—	—	36.0	—	43.0	29
	Landikotal *	000	0	4	18	05	98	02	2	440	80	4	6	2	0	0	67	83	000	0	0	36	02	98	02	0	459	78	2	0	1	0	2	64	69	—	—	10.5	—	20.5	13
	Parachinar *	000	0	5	13	05	98	02	2	446	74	5	7	5	3	0	63	77	000	0	7	13	03	97	03	1	469	67	8	7	6	5	0	65	63	— 8	+ 1	10.6	—	16.1	11
D.I. Khan	Miranshah																																									13
	Wana *	000	0	4	13	04	97	03	0	427	79	4	5	8	0	0	70	83	000	0	0	00	00	98	00	0	427	74	0	0	9	0	0	67	70	—	—	0.7	—	1.6	—
Quetta	Fort Sandeman *	000	0	4	36	03	96	05	1	402	89	4	4	7	0	0	55	89	000	0	6	05	03	96	05	0	407	72	7	4	7	2	0	65	70	+ 5	— 1	1.9	— 2.6	3.2	9
	Hindubagh *	000	0	8	02	02	94	03	0	/	02	8	4	1	0	0	61	93	000	0	0	11	02	95	05	0	/	69	0	0	9	0	0	54	70	— —	—	0.4	—	2.3	—
	Loralai *																																									14
	Barkhan *																																									9
	Harnai *	000	0	0	31	01	96	03	0	418	88	0	2	7	1	1	73	89	000	0	0	09	01	96	03	0	454	78	0	2	7	0	0	71	76	—	—	0.0	— 6.4	0.2	8
	Samungli (Quetta) *	000	0	1	31	12	96	06	0	401	92	1	4	6	0	0	45	93	000	0	0	13	03	96	06	0	448	74	0	0	9	0	0	64	62	+ 2	+ 7	0.0	— 1.0	3.7	—
	Chaman *	000	0	0	27	02	95	05	0	419	/	0	0	9	0	0	73	00	000	0	0	00	00	97	00	0	433	79	0	0	9	0	0	39	68	+ 5	+ 12	0.0	— 0.1	1.0	—
	Nushki *	000	0	0	80	00	94	05	4	458	01	0	0	9	0	0	14	02	000	0	0	13	05	95	05	4	477	56	0	0	9	0	0	36	83	— —	—	0.0	—	1.5	4
	Dalbandin *	000	0	0	23	05	90	05	0	436	02	0	0	9	0	0	31	05	000	0	0	05	02	94	05	0	436	83	0	0	9	0	1	69	76	0	+ 7	0.0	— 0.3	0.5	7
Kalat	Kalat *	000	0	8	00	00	90	00	2	357	85	0	2	9	0	0	53	86	000	0	0	23	03	93	00	2	432	67	0	0	9	0	0	57	66	— 3	+ 18	0.0	— 1.1	1.4	—
	Khuzdar *	000	4	7	27	12	96	75	9	417	48	5	9	6	2	0	59	91	008	9	1	0	00	00	96	02	0	48	75	0	0	9	0	0	64	71	—	—	1.4	—	1.7	5
	Panjgur *	000	0	5	23	03	95	05	1	418	98	2	0	9	2	2	73	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—	0.0	—	0.0	—

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 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
When over999 is given RRR see the summary bove for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 29th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99L$_a$L$_a$L$_a$	Q$_c$L$_o$L$_o$L$_o$L$_o$	YYGG$_{iw}$ N	dd FF	VV $_w$ $_w$ W	PPP TT	N$_h$C$_L$hC$_M$C$_H$	D$_v$V$_s$a PP	7RR t$_R$t$_R$	8N$_s$C$_h$h$_s$	OI$_s$T$_s$T$_d$T$_d$	1T$_w$T$_w$T$_{wc}$T	3P$_w$P$_w$H$_w$Hw	d$_w$d$_w$P$_w$H$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Sird n: ...	99 1 60	10 7 21	28 1 23	82 6 18	98 0 28	02 5 28	53 4 91	...	...	...	00 1 24	12 7 25	35 2 04	26 6 06

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000$_{mb}$	850$_{mb}$	700$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$	70$_{mb}$	50$_{mb}$	30$_{mb}$
		PoPoPoToToDoDo	hhh TTT$_s$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	002 236 09	...	450 158 12	...	...	...	...	...	...	...	...	...	...
Dacca ...														
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	998 280 22	...	400 244 / /	106 154 / /	564 057 / /	756 131 / /	970 265 / /	250 421 / /	...	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT$_s$ DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmPmPmdmdmfmfmfm	PcPcPcTcTcTas	dcdcfcfcfc	P$_c$P$_c$P$_c$T$_c$T$_c$T$_c$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

	At 1200 hrs. G.M.T. † of Previous day (ddfff)									At 0000 hrs. G.M.T. † of date (ddfff)						At 0600 hrs. G.M.T. † of date (ddfff)										
Height in kms. a.s.l.-->	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 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
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	110 33	130 21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	270 05	235 02	060 05	115 10	205 05	300 19	310 12	310 19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	280 12	295 16	301 8	060 10	055 15	035 27	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	155 17	170 26	175 31	160 27	...	...	...	...	...	150 21	170 31	180 31	...	...	...	125 15	150 20	185 20	195 21	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Dacca ...	150 09	155 27	155 23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	070 02	050 05	055 07	245 05	015 07	040 08	350 09	345 11	345 15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	220 11	220 19	105 12	250 13	...	...	...	...	...	245 06	315 03	165 06	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	140 04	145 03	140 03	260 01	245 04	360 13	350 12	245 19	330 16	115 10	120 10	180 07	220 07	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	115 05	100 10	095 09	110 19	115 25	020 12	305 12	325 16	340 23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	180 07	160 10	...	...	...	...	...	...	...	100 17	100 20	040 12	355 13	140 13	060 13	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	250 12	265 12	220 10	110 05	045 05	050 03	295 15	315 15	...	...	...	...	...	...	...	325 08	335 08	045 07	030 09	035 11	020 17	035 15	...	...	...	...
Khanpur ...	045 06	040 10	035 10	010 13	015 10	010 12	012 20	005 17	350 22	060 12	005 16	045 14	070 15	101 07	320 20	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	130 06	140 10	145 06	160 08	150 15	...	...	...	...	175 07	180 07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	045 06	045 08	050 05	050 15	045 13	030 09	350 19	345 15	335 19	140 03	145 05	145 07	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	065 10	165 11	125 13	050 07	025 13	020 15	015 16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	055 03	120 04	170 06	225 03	305 18	295 20	300 16	305 18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	145 30	093 3	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	295 10	290 11	310 30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	090 04	065 04	055 05	030 10	010 13	355 19	230 29	330 18	340 13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...	210 22	270 11	305 10	340 08	010 09	025 07	040 29	045 30	035 24	040 30	...	...	...	...	...	...	...	...	...	...	...
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V$_v$ V$_v$ etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

Ta—Approximate earth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

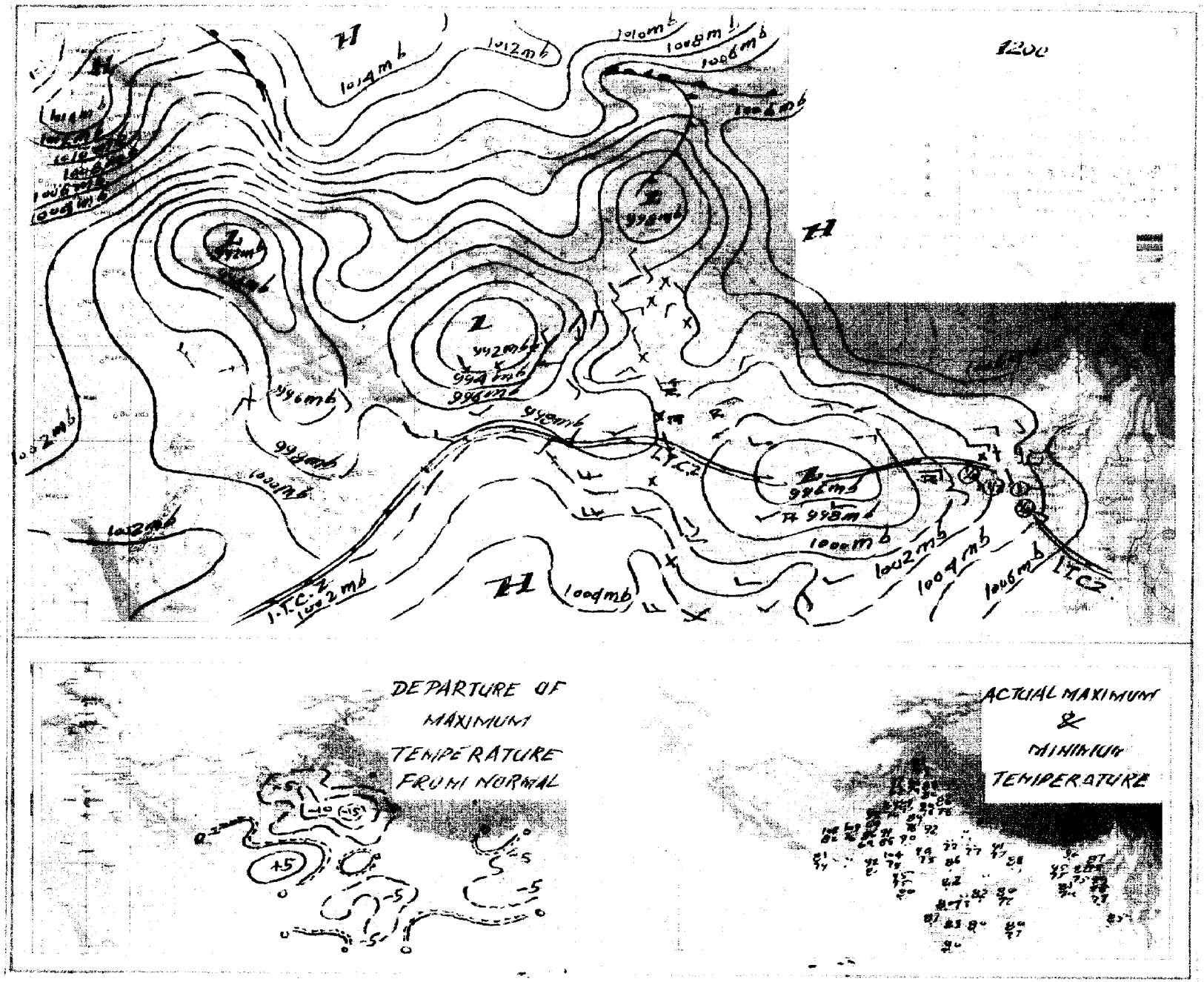
The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

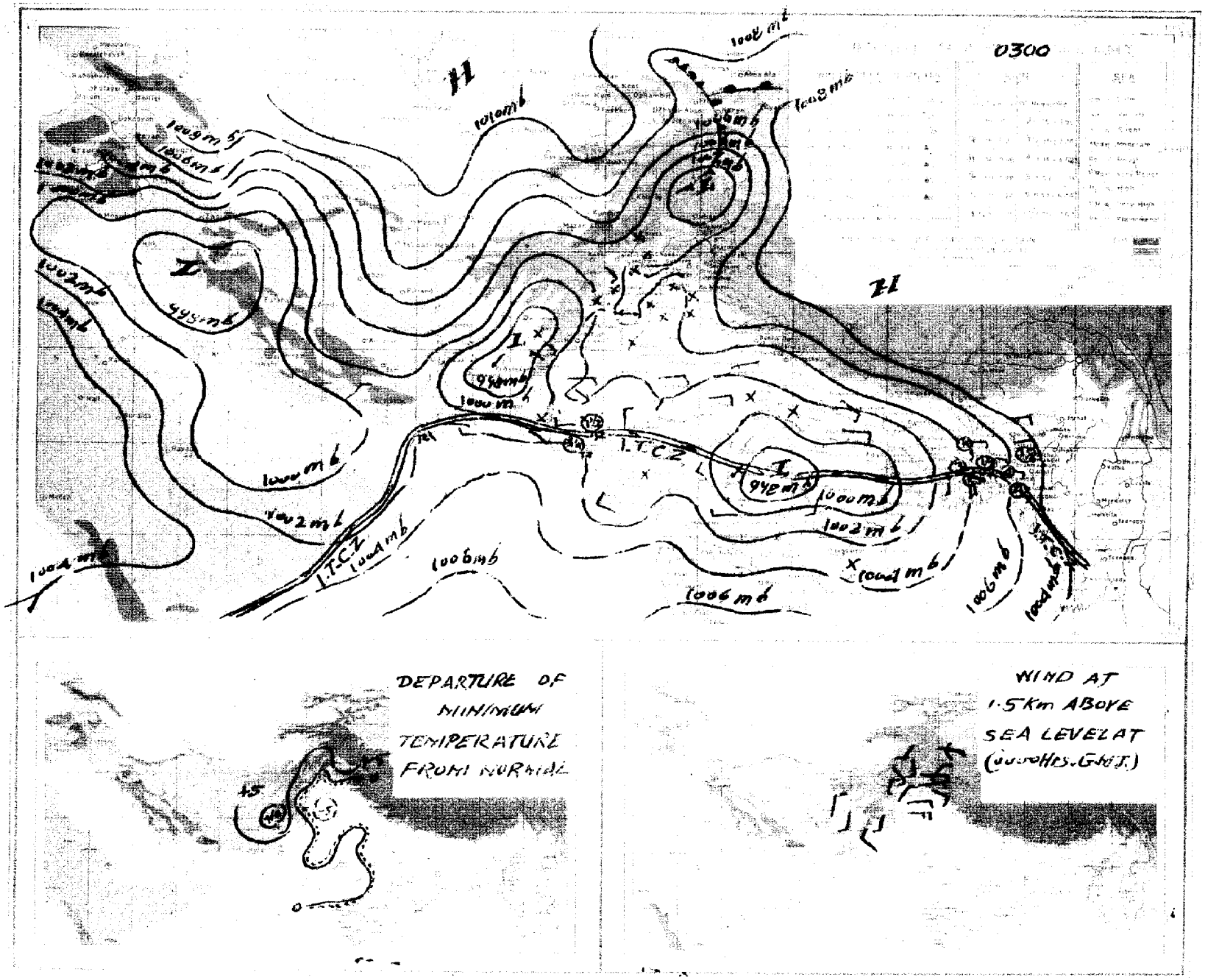
PAKISTAN DAILY WEATHER MAP

SATURDAY 28th AUGUST 1971



PAKISTAN DAILY WEATHER MAP

SUNDAY 29th AUGUST 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

2 - FEB
Copy

SUNDAY THE 29th AUGUST, 1971.

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

The well marked low over east Madhya Pradesh and adjoining areas has moved slightly westnorthwestwards.

Rain/thundershowers have been widespread in Khulna division, fairly widespread in Chittagong and Dacca divisions and local in Rajshahi divisions.

Yesterday's secondary western disturbance is now moving away northeastwards across Kashmir and adjoining areas.

The trough of low over southwest Rajasthan and adjoining areas of West Pakistan persists.

Local rain/thundershowers have occured in Hyderabad division and scattered in Kalat division. Scattered thunderstorms have also been reported from Multan, Malakand and Khairpur divisions and light rain from Lahore and Peshawar divisions.

Chief amounts of rainfall are Chittagong and Comilla 4", Hatiya and Jessore 3" each, Sandwip and Cox's Bazar 2" each, Rangamati, Narayanganj and Chhor 1½" each, Faridpur, 1", Badin ¾", Srimangal, Dacca, Satkhira and Bhola ½" each and Bogra and Khuzdar ¼" each.

Day temperatures were 6—11 °F (3—6 °C) below normal in Chittagong, Khulan, Lahore, Sargodha, Multan, Peshawar, D. I. Khan and Khairpur divisions and 3—5 °F (2—3 °C) so in Rawalpindi, Malakand, northern Quetta and northern Kalat divisions and at a few places in Dacca and Rajshahi divisions and were 4—8 °F (2—4 °C) above normal in central Quetta, Karachi and Hyderabad divisions.

Forecast valid until the evening of the 30th August, 1971 :—Rain/thundershowers will be fairly widespread in East Pakistan and in Hyderabad division and scattered elsewhere over west Pakistan and in Kashmir.

Karachi-32
The 29th August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

At 12 Hrs. G.M.T. of Previous day

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Winds speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)* PPP	Dry Bulb temperature° TT	Amount of Lowest Cloud † Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati ...	016	7	7	18	02	97	60	6	052	77	6	7	4	1	/	75	81
	Cox's Bazar ...	035	9	8	13	06	96	61	6	031	75	6	3	4	2	0	75	77
	Chittagong ...	106	9	8	11	06	96	50	6	037	75	7	7	3	2	1	75	79
	Maijdee Court ...	039	0	8	16	13	96	03	2	022	79	5	5	4	2	1	75	79
	Comilla ...	000	0	7	10	31	96	02	2	024	79	7	4	4	1	0	79	84
	Brahmanbaria ...																	
	Sylhet ...	000	0	7	18	05	96	02	2	043	81	5	3	5	3	0	73	87
	Srimangal ...	015	9	8	00	00	95	62	9	048	75	6	9	3	3	/	75	88
Dacca	Mymensingh ...	000	0	8	16	02	96	02	2	030	81	6	4	5	/	0	68	82
	Narayanganj ...	000	0	8	13	06	96	03	5	027	79	8	6	3	/	/	73	81
	Dacca (Tejgaon) ...	001	9	8	13	09	96	02	6	025	79	5	5	4	2	/	75	/
	Faridpur ...	000	0	8	16	02	96	02	2	030	81	6	4	5	1	0	68	82
Khulna	Barisal ...	057	8	8	00	00	96	63	6	019	77	7	7	3	2	/	77	81
	Khulna ...																	
	Satkhira ...	000	0	4	09	09	97	50	5	002	79	4	7	9	0	0	75	84
	Jessore ...	033	3	8	13	07	96	02	6	013	79	5	6	3	2	/	75	84
Rajshahi	Pabna ...	006	9	8	13	05	94	01	6	/	79	8	7	6	/	/	77	81
	Sirajganj ...	000	0	8	00	00	97	02	2	016	81	8	6	7	0	0	77	82
	Rajshahi ...	020	8	8	05	02	96	61	6	010	75	4	7	3	3	0	75	82
	Bogra ...	001	0	7	09	03	96	02	2	018	82	5	5	3	3	0	75	84
	Dinajpur ...	000	3	6	09	02	96	01	6	012	84	3	1	6	0	0	77	86
	Rangpur ...	000	0	4	09	05	96	01	2	021	84	/	2	6	/	0	79	91
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	/	5	00	00	97	21	6	008	82	4	9	6	3	0	75	86
	Sialkot ...	000	0	3	00	00	99	01	1	012	87	3	4	6	0	0	69	88
Rawalpindi	Jhelum ...	000	0	2	13	03	93	02	0	002	88	/	/	3	0	0	70	90
	Islamabad ...																	
	Rawalpindi ...	000	0	1	00	00	97	02	0	001	87	1	1	6	0	0	68	89
	Campbellpur ...	000	0	0	18	01	98	00	0	/	97	0	0	9	0	0	97	99
Sargodha	Khushab ...	000	0	0	00	00	97	00	0	009	90	0	0	9	0	0	77	91
	Sargodha ...	000	0	2	09	05	97	01	0	005	86	2	1	6	3	0	74	91
	Lyallpur ...	000	0	4	36	02	97	02	1	016	83	4	0	9	4	0	51	99
Multan	Sahiwal ...	000	9	3	36	02	97	03	6	003	88	1	0	9	3	1	78	89
	Multan ...	000	0	3	36	02	95	03	0	939	00	0	3	7	0	0	82	00
	Leiah ...																	
Bahawalpur	Khanpur ...	000	0	0	05	07	96	02	0	089	94	0	0	9	0	0	70	96
	Bahawalpur ...	000	0	1	00	00	95	04	6	007	89	0	0	9	0	0	71	91
	Fort Abbas ...	000	0	0	05	02	98	00	0	016	90	0	0	9	0	0	83	92
Malakand	Chakdara ...																	
Peshawar	Peshawar ...	000	0	4	31	03	97	01	1	994	88	1	8	6	0	0	70	90
	Haripur ...	005	6	0	23	03	98	00	6	042	79	0	0	9	0	0	69	86
D. I. Khan	Bannu ...																	
	D. I. Khan ...	000	0	3	05	03	97	01	1	030	86	3	2	6	0	0	72	/
Quetta	Sibi ...																	
	Nokkundi ...	000	0	0	31	02	94	05	4	913	07	0	0	9	0	0	53	08
Kalat	Turbat ...	000	0	0	28	02	98	00	0	962	/	0	0	9	0	0	86	/
	Jiwani ...	000	0	6	18	05	96	02	2	005	85	6	6	4	0	0	81	81
	Pasni ...	000	0	0	27	02	97	00	0	142	/	0	0	9	0	0	67	/
	Ormara ...	000	0	1	27	12	96	02	2	038	86	1	6	6	0	0	77	/
	Lasbela ...	000	0	5	00	00	96	00	0	974	00	0	0	9	0	0	73	03
Karachi division	Karachi (Manora) ...																	
	Karachi (Airport) ...	000	0	0	23	10	96	02	2	991	88	0	0	9	0	0	77	92
Hyderabad	Nagarparker ...																	
	Chhor ...																	
	Hyderabad ...	030	0	3	23	03	97	02	0	976	00	1	0	9	3	1	71	04
	Badin ...																	
Khairpur	Padidan ...	000	0	2	31	03	96	02	0	971	00	2	1	6	0	0	70	02
	Nawabshah ...	000	0	0	00	00	96	02	0	979	00	0	0	9	0	0	79	02
	Sukkur ...	000	2	0	02	05	98	02	0	916	97	0	0	9	0	0	76	98
	Kashmore ...	000	0	5	03	05	98	02	2	954	97	0	0	9	0	0	72	98
	Jacobabad ...	000	0	2	13	03	96	05	1	936	96	0	0	9	0	1	76	97
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...																	
Malakand	Drosh * ...	000	0	3	23	12	98	01	1	399	69	3	1	7	0	0	49	91
Peshawar	Cherat * ...	000	0	4	18	05	97	01	2	456	69	4	4	8	0	0	67	76
	Kakul * ...	002	0	2	31	03	98	01	2	444	77	2	3	5	0	0	58	79
	Landikotal * ...	000	0	4	18	03	98	02	2	440	80	4	6	2	0	0	67	83
	Parachinar * ...	000	0	5	13	05	98	02	2	446	74	5	7	5	3	0	63	77
D.I. Khan	Miranshah * ...																	
	Wana * ...	000	0	4	13	04	97	03	0	427	79	4	5	8	0	0	70	83
Quetta	Fort Sandeman * ...	000	0	4	36	03	96	05	1	402	89	4	4	7	0	0	55	89
	Hindubagh * ...	000	0	8	02	02	94	03	0	/	02	8	4	4	0	0	61	93
	Loralai * ...																	
	Barkhan * ...																	
	Harnai * ...	000	0	0	31	01	96	02	0	418	88	0	2	7	/	1	73	89
	Samungli (Quetta) * ...	000	0	1	31	12	96	06	0	401	92	1	4	6	0	0	45	93
	Chaman * ...	000	0	0	27	02	95	05	0	419	/	0	0	9	0	0	73	00
	Nushki * ...	000	0	0	80	00	94	05	4	458	01	0	0	9	0	0	44	02
	Dalbandin * ...	000	0	0	23	05	90	05	0	436	02	0	0	9	0	0	31	05
Kalat	Kalat * ...	000	0	8	00	00	90	00	2	397	85	0	2	9	0	0	53	86
	Khuzdar * ...	002	4	7	27	12	96	95	9	417	48	5	9	6	2	0	59	91
	Panjgur * ...	000	0	5	23	03	95	05	1	416	98	2	0	9	2	2	73	99

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

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total Cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather W	Sea level pressure (mbs. and tenths)* PPP	Dry Bulb temperature TT	Amount of Lowest Cloud † Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum temperature TnTn	Departure from Normal of Maximum temperature TxTx	Departure from Normal of Minimum temperature TnTn	Rainfall Since 1st June, 1971 to-date	Rainfall Departure from normal	Rainfall Since 1st January, 1971 to-date	Rainfall Annual Normal
		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 ...	177	4	8	18	09	94	62	6	090	73	9		9			73	75	—	—				—
	Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 9	—				140
	Chittagong ...	039	9	8	13	04	96	63	6	068	75	7	7	2	2	...	75	75	— 7	— 1	117.3	+53.7	—	108
	Maijdee Court ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 6	—				115
	Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4					94
	Brahmanbaria ...																							79
	Sylhet ...	000	0	7	18	05	96	02	2	060	81	6	3	5	1	0	75	75	—	—				—
	Srimangal ...	061	9	8	03	03	96	62	6	074	77	9	6	3	1	/	75	73	— 2	— 3				98
Dacca	Mymensingh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 5					91
	Narayanganj ...	127	9	8	13	04	97	61	6	051	77	8	7	3	1	/	75	75	— 7	— 4				74
	Dacca (Tejgaon) ...	063	7	8	09	05	96	61	6	052	77	9	4	3	7	/	75	75	—	—	50.1	—	—	—
	Faridpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 5					71
Khulna	Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 6					81
	Khulna ...																							68
	Satkhira ...	050	2	8	18	04	97	55	6	030	75	8	7	5	0	0	75	75	—	—				65
	Jessore ...	309	3	8	13	07	96	60	6	029	75	7	7	3	2	1	73	/	— 5	—				65
Rajshahi	Pabna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					59
	Sirajganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 5					64
	Rajshahi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
	Bogra ...	019	1	8	09	09	96	56	6	040	79	6	5	4	3	0	75	75	— 4	— 3				69
	Dinajpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					72
	Rangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					84
Kashmir	Jammu ...																							—
Lahore	Lahore (Jail Rd.) ...	000	0	2	00	00	97	01	1	035	81	2	0	9	3	0	75	76	— 11	— 2	10.5	— 1.5	13.5	19
	Sialkot ...	000	0	1	00	00	98	02	0	042	80	1	0	9	3	0	76	75	— 6	— 2	22.3	+ 2.7	32.1	32
Rawalpindi	Jhelum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	3.4	—	19.6	—
	Islamabad ...																							32.4
	Rawalpindi ...	000	0	1	00	00	97	02	0	033	79	4	0	7	9	0	76	76	— 4		--	—		36
	Campbellpur ...	000	0	0	18	01	98	00	0	/	83	0	0	9	0	0	02	72	—	—	—	—		—
Sargodha	Khushab ...	000	0	0	00	00	97	00	0	023	00	0	0	9	0	0	74	/	— 8	—	1.0	— 7.7	1.7	15
	Sargodha ...	000	0	2	09	05	97	01	0	035	81	1	5	6	0	1	78	75	—	—	7.0	—	11.0	—
	Lyallpur ...	000	0	5	00	00	97	02	1	039	83	5	4	7	0	0	73	76	+ 1	— 3	5.3	— 2.2	20.5	12
Multan	Sahiwal ...	000	0	3	00	00	97	01	2	027	84	3	0	6	3	0	78	76	— 11	— 5	4.6	+ 0.2	5.2	10
	Multan ...	000	0	0	36	02	93	00	0	098	87	0	0	9	0	0	74	80	—	—	—	—	—	7
	Leiah ...																		—	—	1.1	— 3.6	1.5	8
Bahawalpur	Khanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	— 4.0	2.1	6
	Bahawalpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	6
	Fort Abbas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	8
Malakand	Chakdara ...	000	0	1	00	00	98	01	0	023	74	1	0	8	3	7	70	70	—	—	11.7	—	4.6	—
Peshawar	Peshawar ...	000	0	2	00	00	97	02	0	038	79	1	1	6	3	0	72	74	— 7	— 3	4.1	+ 0.6	13.6	11
	Haripur ...	000	0	0	36	02	98	00	0	063	80	0	0	9	0	0	67	70	—	—	24.4	—	32.3	—
D. I. Khan	Bannu ...	000	0	0	00	00	98	02	0	073	76	0	0	9	0	0	67	/	—	—	4.9	—	7.3	11
	D. I. Khan ...	000	0	7	09	02	97	02	1	067	81	3	5	6	7	0	75	/	—	—	1.8	— 2.9	4.0	9
Quetta	Sibi ...																		—	—	—	—	—	5
	Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	—	0.2	2
Kalat	Turbat ...	000	0	0	16	02	98	00	0	009	/	0	0	9	0	0	78	82	—	—	0.0	—	0.0	—
	Jiwani ...	000	2	7	16	02	96	53	9	026	81	6	6	5	0	0	77	79	—	—	0.0	—	1.5	5
	Pasni ...	000	0	0	27	02	97	02	0	/	76	6	7	9	0	2	/	/	—	—	0.0	— 0.9	0.0	6
	Ormara ...	000	0	4	27	07	96	02	2	015	82	4	0	7	3	0	57	/	—	—	0.0	— 0.8	0.0	6
	Lasbela ...	000	0	0	00	00	98	02	0	017	80	0	0	9	0	0	73	79	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora) ...																							8
	Karachi (Airport) ...	000	0	4	31	09	96	01	2	021	83	0	0	9	0	1	77	81	—	—	1.3	— 4.3	1.5	—
Hyderabad	Nagarparker ...	151	9	4	00	00	96	03	9	068	82	4	0	9	3	0	76	71	—	—	3.0	—	3.0	—
	Chhor ...	000	8	6	27	09	97	03	5	048	85	7	0	9	2	0	75	79	+ 8	+ 1	1.8	— 3.6	2.2	7
	Hyderabad ...	073	9	0	03	01	96	03	9	020	79	3	0	9	4	0	75	75	—	—	1.7	— 4.4	1.7	9
	Badin ...																							—
Khairpur	Padidan ...	000	0	7	05	03	96	03	9	031	86	0	0	9	0	1	47	82	—	—	0.2	—	0.2	—
	Nawabshah ...	000	0	5	09	03	96	03	1	016	84	0	0	9	7	0	80	83	—	—	0.6	—	0.6	4
	Sukkur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	1.8	—	2.2	—
	Kashmore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	0.0	4
	Jacobabad ...	000	0	3	09	07	96	05	2	018	78	2	0	9	3	1	75	85	— 7	+ 4	2.6	+ 0.5	2.6	20
Junagadh	Veraval ...																							26
	HILL STATIONS																							—
Kashmir	Srinagar * ...																							71
	Gulmarg ** ...																							26
	Sonamarg ** ...																							3
	Dras ** ...																							6
	Leh ** ...																							—
	Skardu ...																							—
	Misgar ** ...																							5
	Aliabad * ...																							59
	Gilgit * ...																							18
Rawalpindi	Murree * ...																				—	—	46.2	29
Malakand	Drosh * ...	000	0	4	00	00	95	01	1	455	72	7	3	0	0	0	58	70	— 2	0	1.6	—	10.2	—
Peshawar	Cherat * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 9		—	—	18.0	—
	Kakul * ...	002	0	3	20	05	98	03	0	463	72	1	2	6	2	0	61	65	—	—	38.0	—	43.0	29
	Landikotal * ...	000	0	6	36	02	98	02	0	459	78	2	0	/	0	2	64	69	—	—	10.5	—	20.5	13
	Parachinar * ...	000	0	7	13	03	97	03	1	469	67	8	7	6	5	0	65	63	— 8	+ 1	10.6	—	18.1	11
D.I. Khan	Miranshah * ...																				—	—	4.8	13
	Wana * ...	000	0	0	00	00	98	00	0	427	74	0	0	9	0	0	67	70	—	—	0.7	—	1.6	—
Quetta	Fort Sandeman * ...	000	0	6	05	03	96	05	0	407	72	7	4	7	2	0	65	70	+ 5	— 1	1.9	— 2.6	3.2	9
	Hindubagh * ...	000	0	1	11	02	95	05	0	/	69	0	0	9	0	0	54	70	—	—	0.4	—	2.3	—
	Loralai * ...																				—	—	—	14
	Barkhan * ...																				—	—	—	9
	Harnai * ...	000	0	0	09	01	96	03	0	454	78	0	2	7	0	0	71	76	—	—	0.0	— 6.4	0.2	8
	Samungli (Quetta) * ...	000	0	0	13	03	96	06	0	448	74	0	0	9	0	0	64	62	+ 2	+ 7	0.0	— 1.0	3.7	—
	Chaman * ...	000	0	0	00	00	97	00	0	433	79	0	0	9	0	0	39	83	+ 5	+ 12	0.0	— 0.1	2.0	—
	Nushki * ...	000	0	0	13	05	95	05	4	477	66	0	0	9	0	0	36	83	—	—	0.0	—	1.5	4
	Dalbandin * ...	000	0	0	05	02	94	05	0	436	83	0	0	9	0	0	69	76	0	+ 7	0.0	— 0.3	0.5	7
Kalat	Kalat * ...	000	0	0	23	03	93	00	2	432	67	0	0	9	0	0	57	66	— 3	+ 18	0.0	— 1.1	1.4	—
	Khuzdar * ...	000	9	0	00	00	96	02	0	428	75	0	0	9	0	0	64	71	—	—	1.4	—	1.7	5
	Panjgur * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—	0.0	—	0.0	—

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 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

When over 999 is given RRR see the summary bove for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 29th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$	N dd FF	$VV_{ww}W$	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Sird na ...	99 1 60	10 7 21	28 1 23	82 6 18	98 0 28	02 5 28	53 4 91	...	...	...	00 1 24	12 7 25	30 2 04	26 6 06

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface $P_oP_oP_oT_oT_oT_oD_oD_o$	1000mb (hhh TTT_a DD)	850mb	700mb	500mb	400mb	300mb	200mb	150mb	100mb	70mb	50mb	30mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	002 238 09	...	450 158 12	...	...	...	...	...	...	...	...	...	...
Dacca ...														
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	998 280 22	...	400 244 //	106 154 //	584 057 //	756 131 //	970 265 //	250 421 //	...	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT_a DD							Max. Wind Speed $P_mP_mP_md_md_mf_mf_mf_m$	TROPOPAUSE First $P_tP_tP_tT_tT_tT_{at}$	Transition $d_td_tf_tf_tf_t$	Second $P_tP_tP_tT_tT_tT_t$	Transition dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms. a.s.l.—>	At 1200 hrs. G.M.T. † of Previous day (ddfff) 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 (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	270 05	235 02	050 05	115 10	205 05	300 19	310 12	310 19	110 33	130 21	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	280 12	295 16	301 8	060 10	055 15	035 27
Chittagong ...	155 17	170 26	175 31	160 27	...	...	...	...	...	150 21	170 31	180 31	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...	No	Ascen:	...	...	...	...
Dacca ...	150 09	155 27	155 23	...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	070 02	050 05	055 07	245 05	015 07	040 08	350 09	345 11	345 15	...	...	...	...	...	...
Drosh ...	...	...	...	220 11	220 19	135 12	250 13	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	245 06	315 03	185 06
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	140 04	145 03	140 03	260 01	245 04	360 13	350 12	245 19	330 16	115 10	120 10	180 07	220 07	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	115 05	100 10	095 09	110 19	115 25	020 12	305 12	325 16	340 23	...	...	...	...	...	...
Jiwani ...	180 07	160 10	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	250 12	265 12	220 10	110 05	045 05	050 03	295 15	315 15	...	100 17	100 20	040 12	355 13	140 13	060 13
Khanpur ...	045 06	040 10	035 10	010 13	015 10	010 12	012 20	005 17	350 22	060 12	005 16	045 14	070 15	101 07	320 20
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	130 06	140 10	145 06	160 08	150 15	...	...	...	...	175 07	180 07	...	...	...	...
Multan ...	045 06	045 08	050 05	050 15	045 13	030 09	350 19	345 15	335 19	140 03	145 05	145 07	...	...	...
Nawab Shah ...	065 10	165 11	125 13	050 07	025 13	020 15	015 16	...	...	...	...	...	...	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	055 03	120 04	170 06	225 03	305 18	295 20	300 16	305 18	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	295 10	290 11	310 30	...	...	...	...	...	145 30	093 3	...
Sargodha ...	090 04	065 04	055 05	030 10	010 13	355 19	230 29	330 18	340 13	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in kms. a.s.l.—>	At 0600 hrs. G.M.T. † of date (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	125 15	150 20	185 20	195 21	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...	...	...
Dacca ...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	325 08	335 08	045 07	030 09	035 11	020 17	035 15	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	...	...	...	...	...	...	...	...	...	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	...	...	...	...	...	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23·5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...	210 22	270 11	305 10	340 08	010 09	025 07	040 29	045 30	035 24	040 30	...	...	...	...	...	...	...	...	...	...	...
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V_r V_r etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

T_a—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

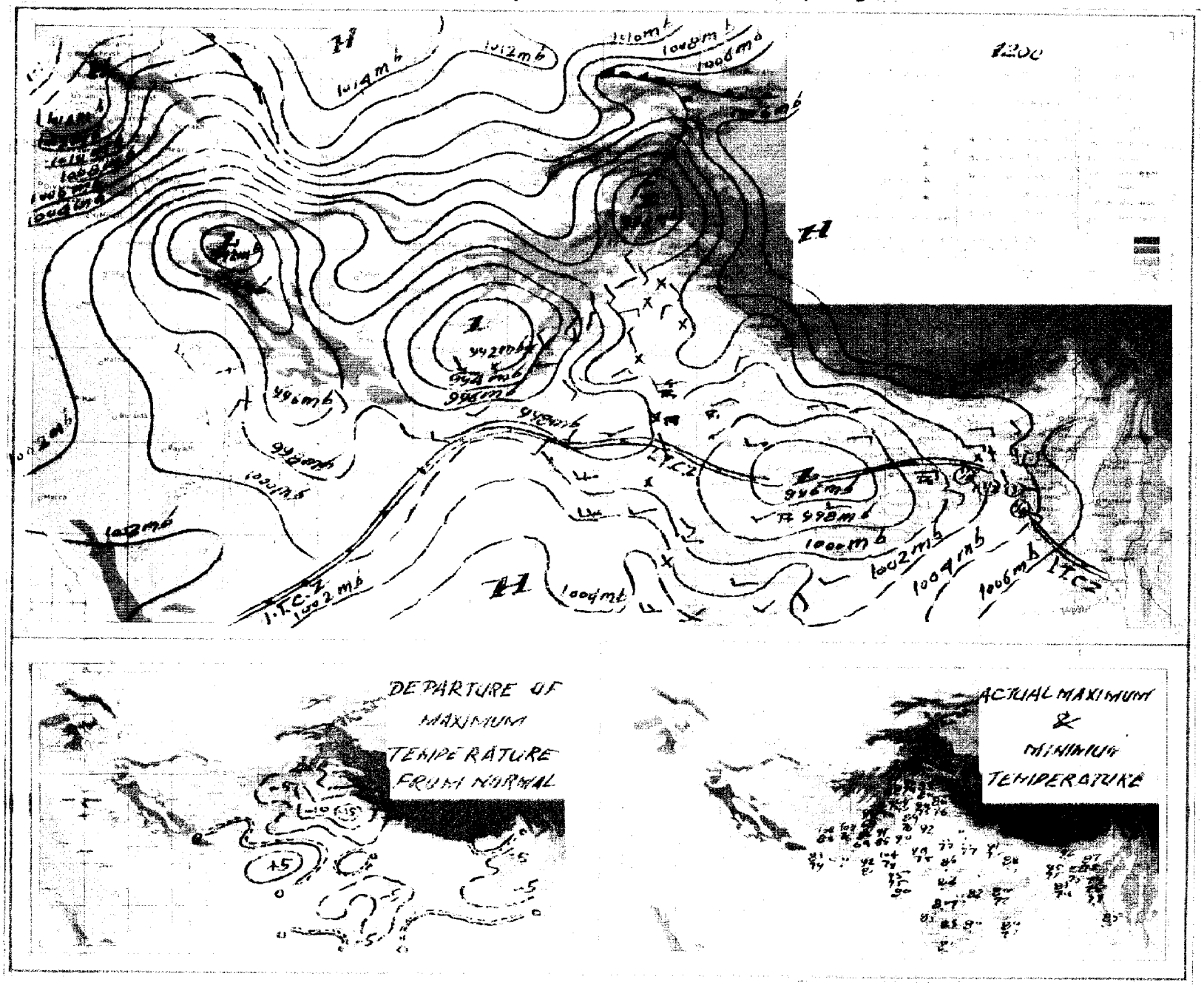
The actual time of observations may vary within half an hour of the specified time.

† The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

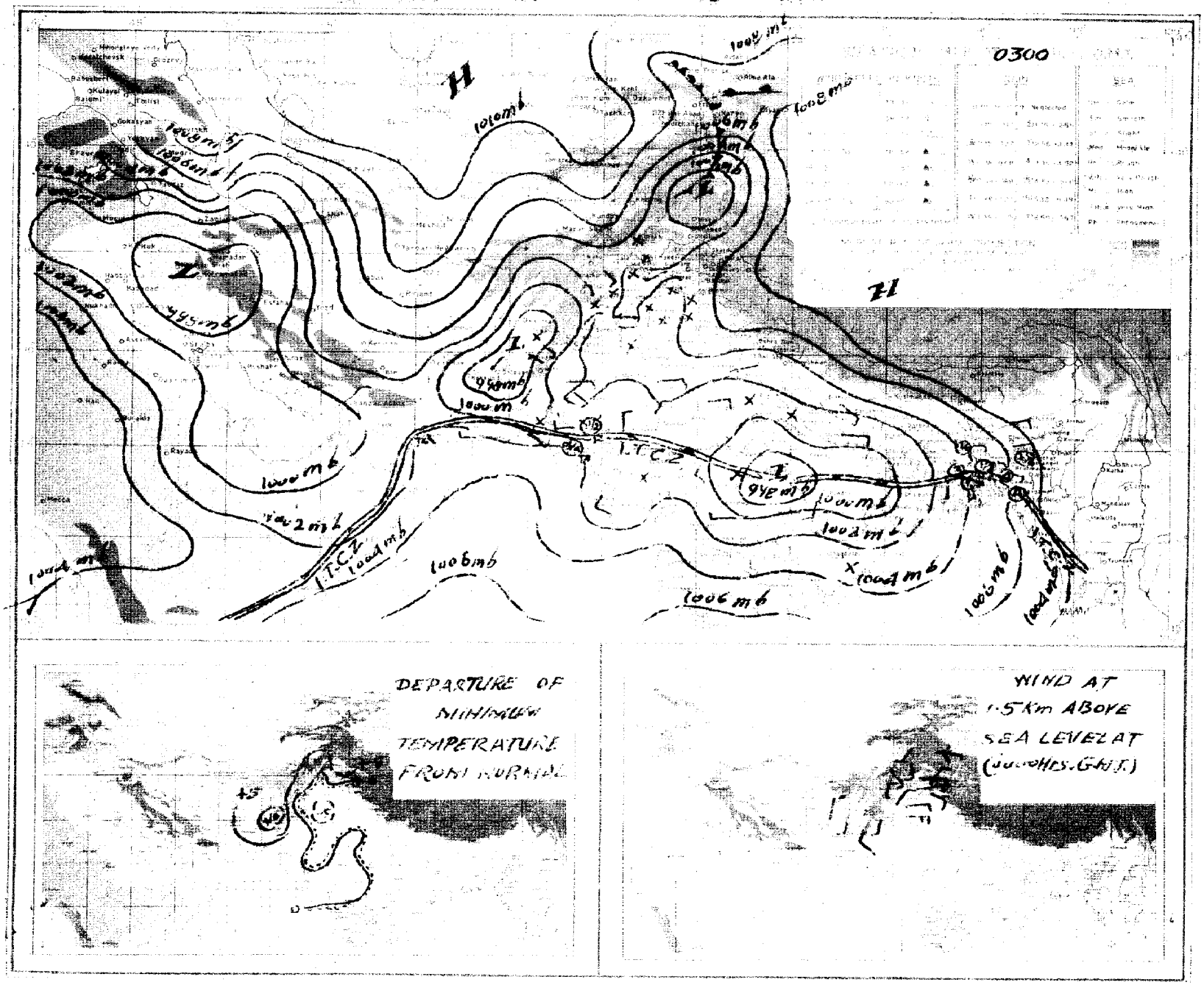
PAKISTAN DAILY WEATHER MAP

SATURDAY 28th AUGUST 1971



PAKISTAN DAILY WEATHER MAP

SUNDAY 29th AUGUST 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

SATURDAY THE 28th AUGUST, 1971.

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

2 - FEB 9
Copy 1972

Yesterday's low has moved slightly westnorthwestwards and now lies as a well marked low over east Madhya Pradesh and adjoing areas.
Rain/thundershowers have been widespread in Chittagong and Khulna divisions, fairly widespread in Dacca divisions and local in Rajshahi division.
Yesterday's westerly trough over Kashmir and adjoining areas of West Pakistan has moved away eastwards.
A fresh secondary western disturbance is now moving across Afghanistan and Russian Turkistan.
A trough of low has appeared over southwest Rajasthan and adjoining areas of West Pakistan.
Fairly widespread rain/thundershowers have occured in Rawalpindi and D. I. Khan divisions and local in Lahore, Multan and Malakand divisions and scattered in Sargodha and Peshawar divisions. Scattered thunderstorms have also been reported from Kalat division and a few falls of drizzle from Quetta division.
Chief amounts of rainfall are Hatiya 5", Miranshah 3", Rangamati, Maijdee Court, Mymensingh, Rajshahi and Multan 2" each, Satkhira, Khulna and Pabna 1½" each, Sandwip, Srimangal, Dacca and Bogra 1" each, Cox's Bazar, Barisal Lahore and Chakdara ¾" each, Chittagong, Narayanganj, Bhola, Jessore and Murree ½" each and Comilla, Sylhet, Sirajganj, Sargodha and Peshawar ¼" each.
Day temperatures were generaly 10–18 °F (6–10 °C) below normal in Lahore, Rawalpindi, Sargodha, Peshawar and D. I. Khan divisions and 3–8 °F (2–4 °C) so in East Pakistan and in Multan and Khairpur divisions and were 4 °F (2° C) above normal in Quetta and Hyderabad divisions.
Forecast valid until the evening of the 29th August, 1971 :—Rain/thundershowers will be widespread in East Pakistan and fairly widespread in Lahore, Rawalpindi, Sargodha, Malakand and Peshawar divisions with a few heavy falls, local in Multan and D. I. Khan divisions and in Kashmir and scattered in Bahawalpur, Quetta, Khairpur and Kalat divisions. Light rain/drizzle may also fall in Hyderabad and Karachi divisions.

Karachi-32
The 28th August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

DIVISIONS (1)	STATIONS (2)	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)° PPP (11)	Dry Bulb temperature° TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud from † 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)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total Cloud amount N (22)	Wind direction in tens of degree 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 TnTn (36)	Departure from Normal of: Maximum temperature TxTx (37)	Minimum temperature TnTn (38)	Rainfall: Since 1st June, 1971 to-date (39)	Departure from normal (40)	Since 1st January, 1971 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	012	4	7	18	32	98	02	6	071	79	7	5	7			73	75	—	—				—
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	084	3	8	14	07	96	51	5	061	77	5	5	4	5	0	73	75	—	— 1				140
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	043	9	8	13	05	96	60	6	066	79	3	6	3	2		77	75	—	— 1	113.9	+50.8	—	108
	Maijdee Court	020	0	8	13	09	95	02	5	027	79	6	4	5	/	/	75	60	220	9	8	16	05	90	02	6	056	79	4	5	5	2		75	75	— 5	— 2				115
	Comilla	000	0	4	13	13	96	02	2	035	81	4	4	7	0	0	73	85	020	3	5	13	05	96	02	6	059	77	5	4	4	0	0	75	75	— 3	— 2				94
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...																							78
	Sylhet	012	9	7	18	02	96	21	7	048	79	5	2	5	3		73	87	018	9	7	05	05	96	02	6	062	81	5	4	5	2	/	77	75	—	—				—
	Srimangal	103	9	8	00	00	94	62	9	054	77	6	9	3	3		77	87	114	9	7	00	00	96	03	5	064	81	4	8	3	3	0	77	75	— 3	—				98
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	253	6	8	13	02	97	02	6	059	84	8	6	4			81	79	—	+ 1				91
	Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4	—	—	—	—	74
	Dacca (Tjegaon)	000	0	8	13	06	96	03	2	032	82	8	6	3	/		75	84	118	9	8	13	05	96	02	6	055	79	7	7	3	2	/	75	75	—	—				—
	Faridpur	009	6	8	16	05	96	02	6	033	81	6	4	5	1	0	73	82	037	3	6	11	05	97	02	2	043	81	6	4	5	1	0	77	75	— 5	— 4				71
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	016	9	7	13	05	96	21	6	046	81	5	7	3	2	0	77	75	—	— 3				81
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	149	9	8	13	05	97	02	0	033	79	0	8	4	0	0	77	73	—	—				68
	Satkhira	090	2	8	00	00	97	03	6	018	75	4	7	9	0	0	73	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				65
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	038	3	7	09	12	96	20	6	037	79	7	5	3	2	0	77	75	—	— 4				65
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	166	8	8	13	05	97	61	6	///	79	8	7	6	/		77	77	—	—				59
	Sirajganj	000	0	8	00	00	96	02	2	030	81	8	6	6	0	0	79	86	035	0	8	09	05	97	02	2	048	77	3	6	7	0	0	73	75	— 1	— 4				64
	Rajshahi	003	1	8	09	05	96	61	6	032	79	6	3	3	0	0	77	84	061	0	8	13	06	97	03	6	955	79	3	6	3	/		75	75	—	—				—
	Bogra	651	1	7	09	03	96	20	6	026	79	3	6	5	3	0	77	66	100	1	8	13	07	96	02	6	047	79	6	5	4	3	?	75	73	— 2	— 5				69
	Dinajpur	000	4	3	09	03	96	01	6	019	84	3	1	6	/	/	75	88	000	3	7	09	02	96	02	2	042	81	4	5	6	2	/	73	77	— 1	— 1				72
	Rangpur	000	0	3	13	05	96	00	0	020	84	3	0	9	2	0	79	92	000	0	7	03	05	96	03	1	056	84	7	0	9	2	0	79	79	+ 3	+ 2				84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Jail Rd.)	070	5	7	09	02	97	02	6	029	78	3	7	5	7	0	75	77	070	0	7	09	02	97	01	2	046	76	5	5	2	0	0	73	73	— 20	— 5	10.5	— 1.4	13.5	19
	Sialkot	003	7	7	05	02	98	02	5	040	80	1	5	6	7	0	73	80	030	0	7	00	00	97	01	2	058	76	2	5	6	7	0	75	74	— 14	3	22.3	+ 3.0	32.1	32
Rawalpindi	Jhelum	...																																							—
	Islamabad	...																																							—
	Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	006	0	7	00	00	97	02	1	069	74	2	5	6	3	0	71	70	—	— 3	29.1	+10.2	22.4	36
	Campbellpur	041	7	8	13	01	98	00	0	[illegible]	97	0	0	9	0	0	97	01	000	0	2	00	00	97	00	0	/	77	0	0	9	0	0	77	70	—	—	—	—		—
Sargodha	Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	8	00	00	97	03	0	044	75	5	2	9	0	3	72		—	—	1.0	— 7.7	1.7	15
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	037	0	7	09	03	97	02	2	045	77	6	6	3	2	0	73	73	—	—	7.0	—	11.0	—
	Lyallpur	000	0	4	36	02	97	02	1	025	82	4	0	9	4	0	55	87	000	0	3	00	00	97	02	1	047	79	3	4	7	0	0	99	75	— 11	— 4	5.3	— 2.2	10.5	12
Multan	Sahiwal	...																																							10
	Multan	187	5	3	13	03	97	01	9	010	83	1	0	9	3	1	69	92	202	4	8	00	00	97	61	9	038	76	4	9	6	/		76	75	— 8	— 6	4.6	+ 0.3	5.2	7
	Leiah	000	0	3	00	00	93	06	2	982	00	0	8	7	0	0	70	[illegible]	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		—		—	8
Bahawalpur	Khanpur	000	0	6	05	06	96	03	2	998	95	2	4	6	7	0	75	97	000	0	4	05	03	96	02	0	038	82	1	4	7	7	0	76	77	—	—	1.1	— 3.5	1.5	6
	Bahawalpur	000	6	0	00	00	95	02	0	013	94	0	0	9	0	6	71	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				—	2.1	6
	Fort Abbas	501	2	5	23	02	96	00	1	004	84	5	0	9	0	0	71	85	000	0	0	00	00	98	00	0	988	80	0	0	9	0	0	73	78	—	—	—	—	—	8
Malakand	Chakdara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	085	2	7	00	00	96	29	9	002	//	7	3	7	0	0	71	70	—	—	11.7	—	4.5	—
Peshawar	Peshawar	005	8	8	36	02	97	03	2	020	78	4	6	4	2	/	73	79	021	0	7	00	00	97	03	2	047	77	6	6	4	3	0	71	72	— 18	— 5	4.1	+ 0.6	13.6	11
	Haripur	...																																				—	—	32.2	—
D. I. Khan	Bannu	002	0	7	00	00	98	04	9	941	81	5	3	6	7	0	74	82	000	6	6	00	00	98	20	9	057	76	3	3	6	7	0	73	72	—	—	4.9	—	7.3	11
	D. I. Khan	000	8	8	08	05	96	05	5	020	83	5	5	6	2	1	76	84	000	8	8	24	02	96	05	9	047	79	3	5	6	2		79	76	— 16	— 4	1.8	— 2.8	4.0	9
Quetta	Sibi	...																																				—	—	—	5
	Nokkundi	000	0	0	34	05	94	05	4	919	05	0	0	9	0	0	75	06	000	0	0	31	03	94	05	4	983	84	0	0	9	0	0	52	82	—	—	0.0	—	0.2	2
Kalat	Turbat	000	0	0	23	02	98	00	0	078	//	0	0	9	0	0	70	//	000	0	0	18	02	98	00	0	063	83	0	0	9	0	0	77	81	—	—	0.0	—	0.0	—
	Jiwani	000	0	5	13	10	96	02	1	999	85	5	5	0	0	0	76	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—	—	1.5	5
	Pasni	000	0	0	27	02	97	02	0	142	//	0	0	9	0	0	67	//	030	0	2	07	02	97	02	0	142		6	7	9	0	2		//	—	—	0.0	— 0.9	0-0	6
	Ormara	000	0	1	27	12	96	02	2	995	85	1	6	6	0	0	75	87	000	0	1	00	00	96	02	2	026	81	1	6	6	0	0	75	//	—	—	0.0	— 0,8	0.0	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	3	00	00	98	02	0	027	80	0	0	9	0	0	74	80	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora)	...																																							8
	Karachi (Airport)	000	0	4	23	12	96	02	2	003	86	4	6	5	0	0	77	67	000	0	7	31	05	96	02	2	027	83	7	6	5	0	0	77	81	—	—	1.3	— 4.3	1.5	—
Hyderabad	Nagarparker	...																																							—
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	3	23	02	96	03	0	028	81	3	0	9	3	0	75	78	—	—	3.0	—	3.0	7
	Hyderabad	000	0	3	23	09	97	02	1	983	93	0	0	9	0	/	75	00	000	0	2	23	03	97	03	0	022	85	0	0	9	0	1	75	81	+ 4	+ 3	1.8	— 3.6	2.2	9
	Badin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	003	0	3	02	02	96	03	1	028	82	0	3	9	7	0	77	85	—	—	1.7	— 4.3	1.7	—
Khairpur	Padidan	000	0	5	13	05	96	03	1	971	01	0	0	9	0	8	71	02	000	0	0	13	03	96	02	0	019	85	0	0	9	0	0	75	82	—	—	0.2	—	0.2	—
	Nawabshah	000	0	4	13	01	96	00	0	975	01	0	0	9	0	0	74	02	000	0	0	13	02	96	02	0	021	83	0	0	9	0	0	76	78	—	—	0.6	—	0.6	4
	Sukkur	000	0	0	31	02	96	02	0	971	03	0	0	9	0	0	75	05	000	0	6	13	05	96	03	0	016	64	6	0	9	6	0	75	83	—	—	1,8	—	2.2	—
	Kashmore	...																																				—	—	0.0	4
	Jacobabad	000	0	0	13	10	96	05	0	976	93	0	0	9	0	0	74	99	001	5	7	09	09	96	05	5	024	85	3	5	6	7	0	70	84	— 3	+ 1	2.6	+ 0.5	2.6	20
Junagadh	Veraval	...																																							26
	HILL STATIONS																																								—
Kashmir	Srinagar *	...																																							71
	Gulmarg **	...																																							26
	Sonamarg **	...																																							3
	Dras **	...																																							6
	Leh **	...																																							—
	Skardu *	...																																							—
	Misgar **	...																																							5
	Aliabad *	...																																							59
	Gilgit *	...																																							18
Rawalpindi	Murree *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	067	9	7	09	02	97	02	0	470	61	7	5	4	0	/	55	56	—	— 4	37.8	+ 8.6	46.2	29
Malakand	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	5	00	00	97	01	2	450	75	5	8	6	0	0	60	73	—	+ 3	1.7	—	10.2	—
Peshawar	Cherat *	...																																				—	—	18.0	—
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	004	0	7	18	02	98	03	2	469	69	7	5	5	2	0	66	65	—	—	38.0	—	43.0	29
	Landikotal *	000	0	8	09	05	97	02	2	437	75	8	6	0	0	0	63	83	000	0	8	05	05	97	02	2	462	70	8	6	6	0	0	67	68	—	—	10.5	—	20.5	13
	Parachinar *	092	8	8	05	03	97	03	6	998	86	8	5	6	0	0	73	80	002	0	6	13	02	97	02	2	467	67	6	6	4	0	0	64	64	— 9	— 13	10 6	—	16.1	11
D.I. Khan	Miranshah *	200	0	8	05	05	97	00	0	433	73	8	0	9	1	0	66	75	079	0	8	05	05	97	00	1	457	77	8	0	9	0	1	70	78	—	—	3.9	+ 0.2	3.8	13
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	015	0	2	00	00	97	00	0	400	72	2	8	8	0	0	67	66	—	—	0.9	—	1.6	—
Quetta	Fort Sandeman *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	09	02	98	01	0	487	72	1	5	8	0	0	60	62	—	— 9	1.9	— 2.6	3.2	9
	Hindubagh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	09	02	95	05	0	///	70	0	0	9	0	0	57	63	—	—	0.4	—	2.3	—
	Loralai *	...																																							14
	Barkhan *	...																																							9
	Harnai *	...																	000	0	0	23	01	96	02	4	425	77	0	2	7	/	1	73	73	—	—	0.0	— 6.3	0.2	8
	Samungli (Quetta) *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	13	07	96	04	0	449	74	0	0	9	0	0	68	71	—	+ 9	0.0	— 0.9	3.7	—
	Chaman *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	00	0	433	78	0	0	9	0	0	45	78	—	+ 10	0.0	— 0.1	2.0	—
	Nushki *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	94	05	4	478	87	0	0	9	0	0	36	85	—	—	0.0	—	1.5	4
	Dalbandin *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	93	05	0	428	83	0	0	9	0	0	44	77	—	+ 18	0.0	— 0.3	0.5	7
Kalat	Kalat *	...																																				—	—	1.4	—
	Khuzdar *	000	0	6	13	09	96	17	9	402	84	4	9	6	3	0	66	99	032	9	0	00	00	96	01	0	430	77	0	0	9	0	0	68	70	—	—	1.4	—	1.7	5
	Panjgur *	000	0	5	00	00	95	05	1	416	00	0	0	9	2	0	51	00	000	0	0	00	00	95	05	0	441	79	0	0	9	0	0	70	76	+ 11	+ 5	0.0	—	0.0	—

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 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

When ever999 is given RRR see the summary bove for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 28th AUGUST, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99L$_a$L$_o$L$_a$	Q$_c$L$_o$L$_o$L$_o$L$_o$	YYGG$_w$ N dd FF	VV$_w$w$_w$W	PPP TT	N$_h$C$_L$hC$_M$C$_H$	D$_s$V$_s$a PP	7RR t$_R$t$_R$	8N$_s$Ch$_s$h$_s$	O1$_1$T$_s$T$_d$T$_d$	1T$_w$T$_w$T$_w$T	3P$_w$P$_w$H$_w$H$_w$	d$_w$d$_w$P$_w$H$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dumra ...	99 2 43	10 6 69	28 0 03	02 7 13	98 0 20	01 2 28	00 9 00	23 5 05	...	...	0 / 99	...	30 5 02	27 5 03

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000$_{mb}$	850$_{mb}$	700$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$	70$_{mb}$	50$_{mb}$	30$_{mb}$
		PoPoPoToToToDoDo	hhh TTT$_s$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...														
Dacca ...														
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	999 274 36	...	403 190 38	077 113 64	579 085 79	749 175	950 235	236 445	429 510	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT$_s$ DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									P$_m$P$_m$P$_m$d$_m$d$_m$f$_m$f$_m$f$_m$	P$_t$P$_t$P$_t$T$_t$T$_t$Tat	dtdtftftft	P$_t$P$_t$P$_t$T$_t$T$_t$T$_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms. a.s.l.-->	At 1200 hrs. G.M.T. † of Previous day (dddff)									At 0000 hrs. G.M.T. † of date (dddff)						At 0600 hrs. G.M.T. † of date (dddff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.[illegible]
STATION 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
Bariaai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	265 04	115 07	065 18	085 11	...	...	135 04	120 04	120 10	125 11	150 08	355 07	...	...	...	...
Chhor ...	230 08	215 09	165 06	030 15	030 07	...	...	...	...	240 16	265 10	240 32	220 19	195 14	085 14	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	150 17	155 23	160 25	...	...	...	...	...	...	125 15	130 18	155 21	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	140 19	145 25	155 27	180 28	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Dacca ...	...	...	...	...	...	...	...	...	...	165 16	175 19	175 18	...	...	...	120 12	135 16	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	33 05	105 03	155 05	130 03	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	135 08	125 12	125 14	110 23	100 18	...	...	...	...	060 05	030 01	121 03	050 08	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	225 17	210 15	185 13	305 07	310 19	290 19	...	...	...	230 06	205 02	150 07	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	090 15	250 12	020 03	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	105 21	135 18	165 18	200 11	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	135 19	135 23	135 22	165 13	195 07	295 12	300 13	330 15	065 13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	045 08	155 0	140 06	145 15	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	115 05	130 10	130 23	135 17	105 12	...	...	...	...	140 10	125 14	125 4	...	...	...	160 10	135 09	...	...	...	...	...	...	...	...	...
Jiwani ...	170 20	150 11	200 09	...	...	...	...	...	...	...	...	...	...	...	...	130 05	135 06	...	...	...	...	...	...	...	...	...
Karachi ...	270 14	265 13	265 12	...	...	...	...	...	...	070 12	0.0 12	115 14	140 15	175 12	190 06	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	070 07	085 08	085 07	160 13	190 06	120 02	...	...	...	...	...	...	120 13	135 06	275 08	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	145 03	150 03	...	...	...	...	055 04	140 02	165 03	...	...	...	...	...	...	...	...
Lahore ...	085 08	120 11	110 10	162 10	090 01	...	...	...	...	060 05	360 06	...	...	...	...	060 05	030 03	030 10	350 17	005 12	340 11	...	...	...	...	...
Multan ...	110 07	100 07	105 06	375 03	240 10	340 26	...	...	...	185 08	195 07	180 09	135 14	080 04	035 19	115 04	110 03	105 04	035 06	050 08	020 15	030 10	070 08	120 08	...	...
Nawab Shah ...	165 05	155 05	010 03	040 05	015 10	020 13	020 16	010 07	045 11	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	210 11	260 14	320 08	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	235 02	140 02	160 05	165 05	235 03	...	040 03	050 09	080 08	150 07	255 01	315 09	...	...	...	...
Peshawar ...	...	010 05	...	...	...	...	...	...	...	...	...	...	...	255 06	275 10	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	075 10	090 06	100 07	135 04	050 07	230 08	015 12	...	...	...	...
Quetta ...	...	...	...	...	195 04	265 18	320 08	315 10	320 13	090 05	095 05	195 04	225 03	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	090 08	095 10	085 10	110 05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...	285 14	285 15	260 12	250 10	050 12	250 20	030 27	045 21	045 22	040 20	...	...	...	...	...	...	...	...	...	...	...
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd v, V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

T$_s$—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

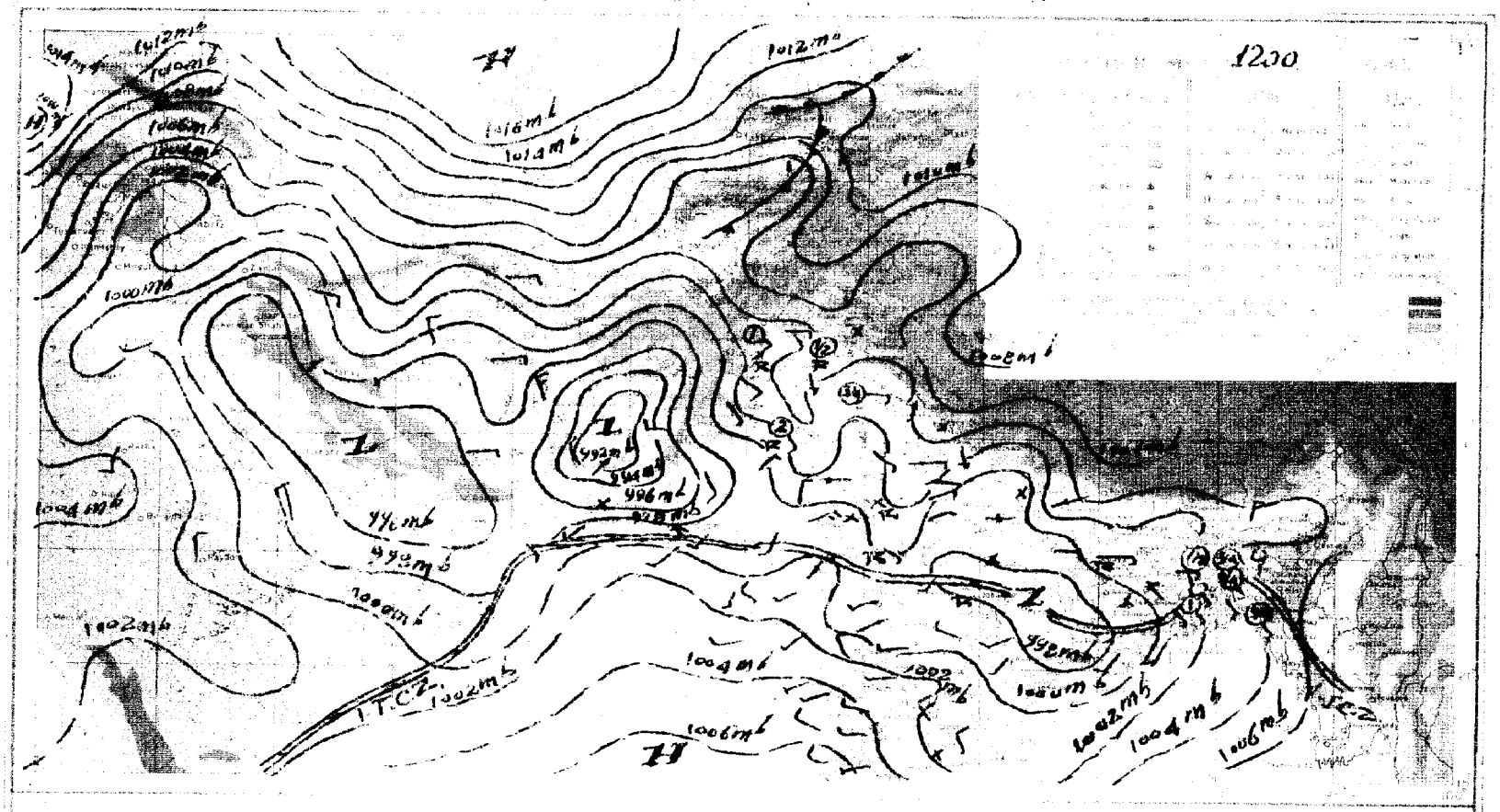
The actual time of observations may vary within half an hour of the specified time

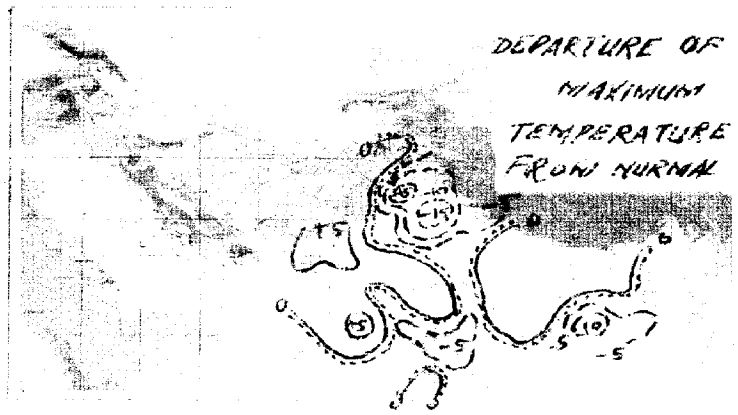
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

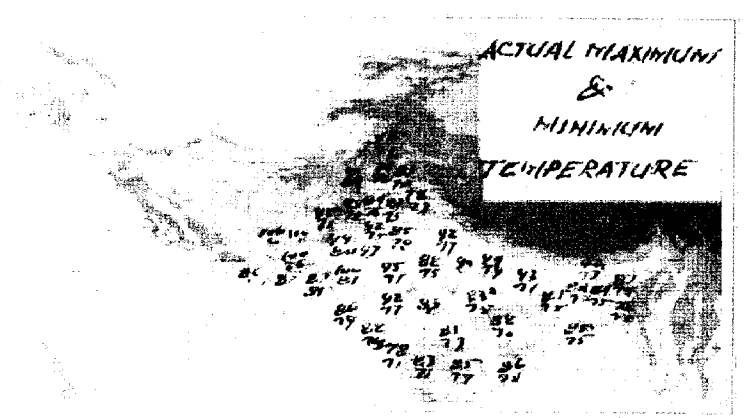
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Main Analysis Centre, University Road Karachi—32.

PAKISTAN INDIA WEATHER MAP

FRIDAY 27th AUGUST, 1971.

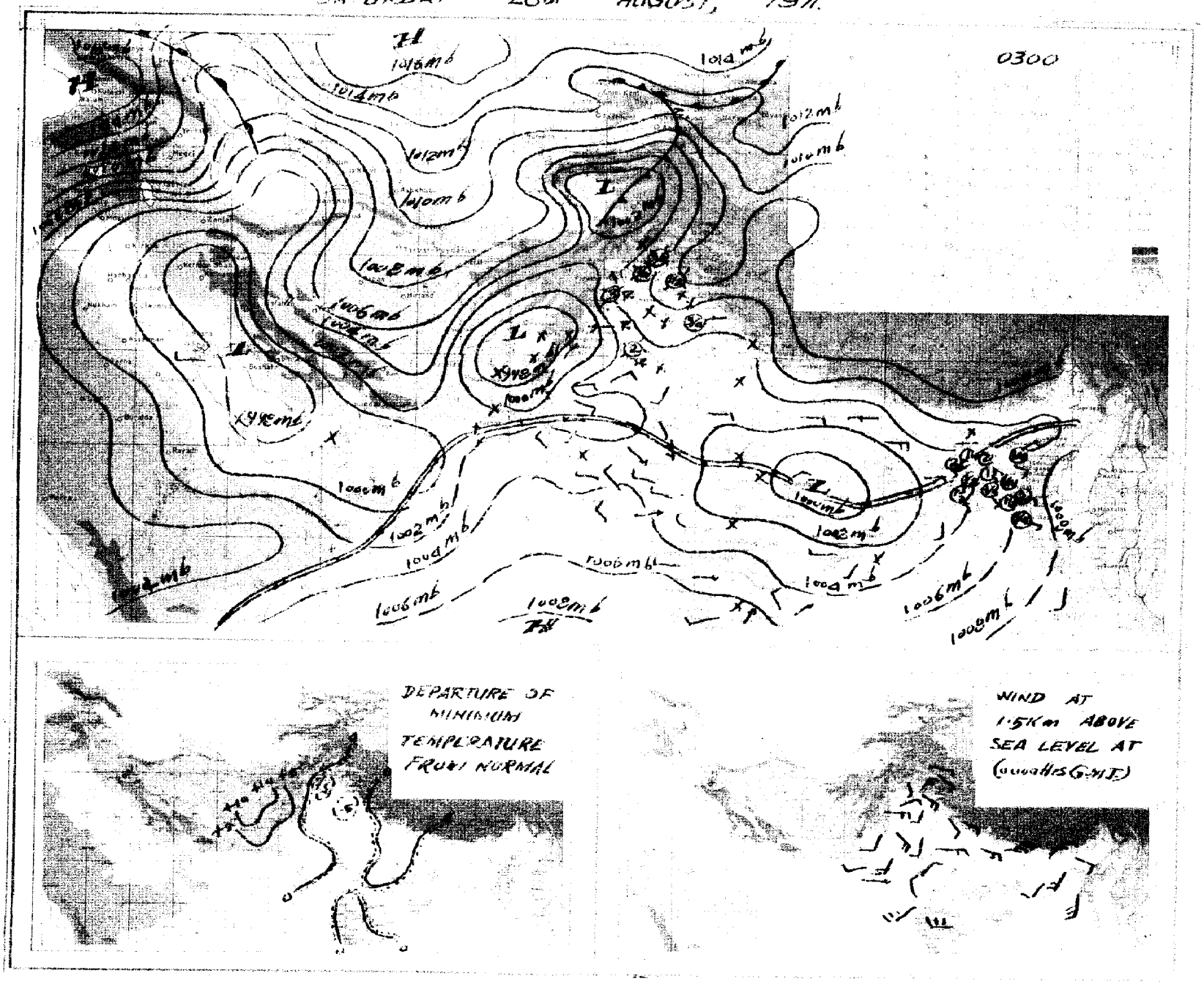






PAKISTAN DAILY WEATHER MAP

SATURDAY 28th AUGUST, 1971.



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Reg. No. S-1467
Volume No. 25

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 28th AUGUST, 1971.

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

Yesterday's low has moved slightly westnorthwestwards and now lies as a well marked low over east Madhya Pradesh and adjoing areas.

Rain/thundershowers have been widespread in Chittagong and Khulna divisions, fairly widespread in Dacca divisions and local in Rajshahi division.

Yesterday's westerly trough over Kashmir and adjoining areas of West Pakistan has moved away eastwards.

A fresh secondary western disturbance is now moving across Afghanistan and Russian Turkistan.

A trough of low has appeared over southwest Rajasthan and adjoining areas of West Pakistan.

Fairly widespread rain/thundershowers have occured in Rawalpindi and D. I. Khan divisions and local in Lahore, Multan and Malakand divisions and scattered in Sargodha and Peshawar divisions. Scattered thunderstorms have also been reported from Kalat division and a few falls of drizzle from Quetta division.

Chief amounts of rainfall are Hatiya 5", Miranshah 3", Rangamati, Maijdee Court, Mymensingh, Rajshahi and Multan 2" each, Satkhira, Khulna and Pabna 1½" each, Sandwip, Srimangal, Dacca and Bogra 1" each, Cox's Bazar, Barisal Lahore and Chakdara ¾" each, Chittagong, Narayanganj, Bhola, Jessore and Murree ½" each and Comilla, Sylhet, Sirajganj, Sargodha and Peshawar ½" each.

Day temperatures were generaly 10—18 °F (6—10 °C) below normal in Lahore, Rawalpindi, Sargodha, Peshawar and D. I. Khan divisions and 3—8 °F (2—4 °C) so in East Pakistan and in Multan and Khairpur divisions and were 4 °F (2° C) above normal in Quetta and Hyderabad divisions.

Forecast valid until the evening of the 29th August, 1971 :—Rain/thundershowers will be widespread in East Pakistan and fairly widespread in Lahore, Rawalpindi, Sargodha, Malakand and Peshawar divisions with a few heavy falls, local in Multan and D. I. Khan divisions and in Kashmir and scattered in Bahawalpur, Quetta, Khairpur and Kalat divisions. Light rain/drizzle may also fall in Hyderabad and Karachi divisions.

Karachi-32
The 28th August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

At 12 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)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)° PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud from † GL (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	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Maijdee Court	020	0	8	13	09	95	02	5	027	79	6	4	5	1	/	75	80
	Comilla	000	0	4	13	13	96	02	2	035	81	4	4	7	0	0	73	85
	Brahmanbaria																	
	Sylhet	012	9	7	18	02	96	21	7	048	79	5	2	5	3		73	87
	Srimangal	103	9	8	00	00	94	62	9	054	77	6	9	3	3	/	77	87
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narayanganj	000	0	8	13	06	96	03	2	032	82	8	6	3		/	75	84
	Dacca (Tejgaon)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Faridpur	009	6	8	16	05	96	02	6	033	81	6	4	5	/	0	73	82
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira	090	2	8	00	00	97	03	6	018	75	4	7	9	0	0	73	84
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj	000	0	8	00	00	96	02	2	030	81	8	6	6	0	0	79	86
	Rajshahi	003	1	8	09	05	96	61	6	032	79	6	3	3	0	0	77	84
	Bogra	651	1	7	09	03	96	20	6	028	79	3	6	5	3	0	77	86
	Dinajpur	000	4	3	09	03	96	01	6	019	84	3	1	6	/	/	75	88
	Rangpur	000	0	3	13	05	96	00	0	020	84	3	0	9	2	0	79	52
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	070	5	7	09	02	97	02	6	027	78	3	7	5	7	0	75	77
	Sialkot	003	7	7	05	02	98	02	5	040	80	1	5	6	7	0	73	80
Rawalpindi	Jhelum																	
	Islamabad																	
	Rawalpindi																	
	Campbellpur	041	7	8	13	01	98	00	0	//	97	0	0	9	0	0	97	01
Sargodha	Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lyallpur	000	0	4	36	02	97	02	1	025	82	4	0	9	4	0	55	87
Multan	Sahiwal																	
	Multan	187	5	3	13	03	97	01	9	010	83	1	0	9	3	1	69	92
	Leiah	000	0	3	00	00	93	06	2	982	00	0	8	7	0	0	70	//
Bahawalpur	Khanpur	000	0	6	05	06	96	03	2	998	95	2	4	6	7	0	75	97
	Bahawalpur	000	6	0	00	00	95	02	0	013	94	0	0	9	0	6	71	80
	Fort Abbas	501	2	5	23	02	96	00	1	004	84	5	0	9	0	0	71	85
Malakand	Chakdara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Peshawar	005	8	8	36	02	97	03	2	020	78	4	6	4	2	/	73	79
	Haripur																	
D. I. Khan	Bannu	002	0	7	00	00	98	04	9	941	81	5	3	6	7	0	74	82
	D. I. Khan	003	8	8	08	05	96	05	5	020	83	5	5	6	2	1	76	84
Quetta	Sibi																	
	Nokkundi	000	0	0	34	05	94	05	4	919	05	0	0	9	0	0	75	06
Kalat	Turbat	000	0	0	23	02	98	00	0	078	//	0	0	9	0	0	70	//
	Jiwani	000	0	5	13	10	96	02	1	999	85	5	5	0	0	0	76	86
	Pasni	000	0	0	27	02	97	02	0	142	//	0	0	9	0	0	67	//
	Ormara	000	0	1	27	12	96	02	2	995	85	1	6	6	0	0	75	87
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi division	Karachi (Manora)																	
	Karachi (Airport)	000	0	4	23	12	96	02	2	003	86	4	6	5	0	0	77	87
Hyderabad	Nagarparker																	
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hyderabad	030	0	3	23	09	97	02	1	983	93	0	0	9	0	1	75	00
	Badin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khairpur	Padidan	000	0	5	13	05	96	03	1	971	01	0	0	9	0	8	71	02
	Nawabshah	000	0	4	13	01	96	00	0	975	01	0	0	9	0	0	74	02
	Sukkur	000	0	0	31	02	96	02	0	971	03	0	0	9	0	0	75	05
	Kashmore																	
	Jacobabad	000	0	0	13	10	96	05	0	976	93	0	0	9	0	0	74	99
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malakand	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Cherat *																	
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Landikotal *	000	0	8	09	05	97	02	2	437	75	8	6	0	0	0	63	83
	Parachinar *	092	8	8	05	03	97	03	6	998	86	8	5	6	0	0	73	80
D.I. Khan	Miranshah *	200	0	8	05	05	97	00	0	433	73	8	0	9	1	0	66	75
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hindubagh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Loralai *																	
	Barkhan *																	
	Harnai *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Samungli (Quetta) *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chaman *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nushki *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dalbandin *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kalat	Kalat *																	
	Khuzdar *	000	0	6	13	09	96	17	9	402	84	4	9	6	3	0	66	99
	Panjgur *	000	0	5	00	00	95	05	1	416	00	0	0	9	2	0	51	00

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 degree 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 TnTn (36)	Departure from Normal of Maximum temperature TxTx (37)	Departure from Normal of Minimum temperature TnTn (38)	Rainfall Since 1st June, 1971 to-date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1971 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	012	4	7	18	02	98	02	6	071	79	7	5	7	/		73	75	—	—				—
	Cox's Bazar	024	3	8	14	07	96	51	5	061	77	5	5	4	5	0	73	75	—	— 1				140
	Chittagong	043	9	8	13	05	96	60	6	066	79	3	6	3	2		77	75	—	— 1	113.9	+50.8	—	108
	Maijdee Court	220	9	8	[illegible]	05	90	02	6	056	79	4	5	5	2		75	75	— 5	— 2				115
	Comilla	020	3	5	13	05	96	02	6	059	77	5	4	4	0	0	75	75	— 3	— 2				94
	Brahmanbaria																							78
	Sylhet	018	9	7	05	05	96	02	6	062	81	5	4	5	2	/	77	75	—	—				—
	Srimangal	114	9	7	00	00	96	03	5	064	81	4	6	3	3	0	77	75	— 3	— 1				98
Dacca	Mymensingh	253	6	8	13	02	97	02	6	059	84	8	6	4	/		81	79	—	+ 1				91
	Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4		—	—	—	74
	Dacca (Tejgaon)	118	9	8	13	05	96	02	6	055	79	7	7	3	2		75	75	—	—				—
	Faridpur	037	3	8	11	05	97	02	2	043	81	6	4	5	1	0	77	75	— 5	— 4				71
Khulna	Barisal	0[illegible]6	9	7	13	05	96	21	6	046	81	5	7	3	2	0	77	75	—	— 3				81
	Khulna	149	9	8	13	05	97	02	0	633	79	0	8	4	0	0	77	73	—	—				68
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				65
	Jessore	0[illegible]5	3	7	09	12	96	20	6	037	79	7	5	3	2	0	77	75	—	— 4				65
Rajshahi	Pabna	166	8	8	13	05	97	61	6	//	79	8	7	6	/		77	77	—	—				59
	Sirajganj	035	0	8	09	05	97	02	2	048	77	3	6	7	0	0	73	75	— 1	— 4				64
	Rajshahi	061	0	8	13	06	97	03	6	955	79	3	6	3	/	/	75	75	—	—				—
	Bogra	100	1	8	13	07	96	02	6	047	79	6	5	4	3	0	75	73	— 2	— 5				69
	Dinajpur	000	3	7	09	02	96	02	2	042	81	4	5	6	2	/	73	77	— 1	— 1				72
	Rangpur	000	0	7	07	05	96	03	1	056	84	7	0	9	2	0	79	79	+ 3	+ 2				84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	070	0	7	09	02	97	01	2	046	76	5	5	2	0	0	73	73	— 20	— 5	10.5	— 1.4	13.5	19
	Sialkot	030	0	7	00	00	97	01	2	058	76	2	5	6	7	0	75	74	— 14	3	22.3	+ 3.0	32.1	32
Rawalpindi	Jhelum																							—
	Islamabad																							—
	Rawalpindi	006	0	7	00	00	97	02	1	069	74	2	5	6	3	0	71	70	—	— 3	29.1	+10.2	22.4	36
	Campbellpur	000	0	2	00	00	97	00	0	//	77	0	0	9	0	0	77	70	—	—	—	—	—	—
Sargodha	Khushab	000	0	8	00	00	97	03	0	044	75	5	2	9	0	3	72		—	—	1.0	— 7.7	1.7	15
	Sargodha	037	0	7	05	03	97	02	2	045	77	6	6	3	2	0	73	73	—	—	7.0	—	11.0	—
	Lyallpur	000	0	3	00	00	97	02	1	047	79	3	4	7	0	0	99	75	— 11	— 4	5.3	— 2.2	10.5	12
Multan	Sahiwal																							10
	Multan	202	4	8	00	00	97	61	9	038	76	4	9	6			76	75	— 8	— 6	4.6	+ 0.3	5.2	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		—	—	—	8
Bahawalpur	Khanpur	000	0	4	05	03	96	02	0	038	82	1	4	7	7	0	76	77	—	—	1.1	— 3.5	1.5	6
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—	—	2.1	6
	Fort Abbas	000	0	0	00	00	98	00	0	988	80	0	0	9	0	0	73	78	—	—	—	—	—	8
Malakand	Chakdara	085	2	7	00	00	96	29	9	002	//	7	3	7	0	0	71	70	—	—	11.7	—	4.5	—
Peshawar	Peshawar	021	0	7	00	00	97	03	2	047	77	6	6	4	3	0	71	72	— 18	— 5	4.1	+ 0.6	13.6	11
	Haripur																				—	—	32.2	—
D. I. Khan	Bannu	000	0	6	00	00	98	20	9	057	76	3	3	6	7	0	73	72	—	—	4.9	—	7.3	11
	D. I. Khan	000	8	8	24	02	96	05	9	047	79	3	5	6	2	/	79	76	— 16	— 4	1.8	— 2.8	4.0	9
Quetta	Sibi																				—		—	5
	Nokkundi	000	0	0	31	03	94	05	4	989	84	0	0	9	0	0	52	82	—	—	0.0	—	0.2	2
Kalat	Turbat	000	0	0	18	02	98	00	0	063	83	0	0	9	0	0	77	81	—	—	0.0	—	0.0	—
	Jiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—	—	1.5	5
	Pasni	030	0	2	07	02	97	02	0	142	//	6	7	9	0	2		//	—	—	0.0	— 0.9	0-0	6
	Ormara	000	0	1	00	00	96	02	2	026	81	1	6	6	0	0	75	//	—	—	0.0	— 0.8	0.0	6
	Lasbela	000	0	3	00	00	98	02	0	027	80	0	0	9	0	0	74	80	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora)																							8
	Karachi (Airport)	000	0	7	31	05	96	02	2	027	83	7	6	5	0	0	77	81	—	—	1.3	— 4.3	1.5	—
Hyderabad	Nagarparker																							—
	Chhor	000	0	3	23	02	96	03	0	028	81	3	0	9	3	0	75	78	—	—	3.0	—	3.0	7
	Hyderabad	000	0	2	23	03	97	03	0	022	85	0	0	9	0	1	75	81	+ 4	+ 3	1.8	— 3.6	2.2	9
	Badin	000	0	3	02	02	96	03	1	028	82	0	3	9	7	0	77	85	—	—	1.7	— 4.3	1.7	—
Khairpur	Padidan	000	0	0	13	03	96	02	0	019	85	0	0	9	0	0	75	82	—	—	0.2	—	0.2	—
	Nawabshah	000	0	0	13	02	96	02	0	021	83	0	0	9	0	0	75	78	—	—	0.6	—	0.6	4
	Sukkur	000	0	6	13	05	96	03	0	016	84	6	0	9	6	0	75	83	—	—	1.8	—	2.2	—
	Kashmore																				—	—	0.0	4
	Jacobabad	001	5	7	09	09	96	05	5	024	85	3	5	6	7	0	70	84	— 3	+ 2	2.6	+ 0.5	2.6	20
Junagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							3
	Dras **																							6
	Leh **																							—
	Skardu *																							—
	Misgar **																							5
	Aliabad *																							59
	Gilgit *																							18
Rawalpindi	Murree *	067	9	7	09	02	97	02	0	470	61	7	5	4	0	/	55	56	—	— 4	37.8	+ 8.6	46.2	29
Malakand	Drosh *	000	0	5	00	00	97	01	2	450	75	5	8	5	0	0	60	73	—	+ 3	1.7	—	10.2	—
Peshawar	Cherat *																				—	—	18.0	—
	Kakul *	004	0	7	18	02	98	03	2	469	69	7	5	5	2	0	66	65	—	—	38.0	—	43.0	29
	Landikotal *	000	0	8	05	05	97	02	2	462	70	8	6	6	0	0	67	68	—	—	10.5	—	20.5	13
	Parachinar *	002	0	6	13	02	97	02	2	467	67	6	6	4	0	0	64	64	— 9	— 13	10 6	—	18.1	11
D.I. Khan	Miranshah *	079	0	8	05	05	97	00	1	457	77	8	0	9	0	1	70	78	—	—	3.9	+ 0.2	3.8	13
	Wana *	015	0	2	00	00	97	00	0	400	72	2	8	8	0	0	67	66	—	—	0.9	—	1.6	—
Quetta	Fort Sandeman *	000	0	1	09	02	98	01	0	487	72	1	5	8	0	0	60	62	—	— 9	1.9	— 2.6	3.2	9
	Hindubagh *	000	0	0	09	02	95	05	0	///	70	0	0	9	0	0	57	63	—	—	0.4	—	2.3	—
	Loralai *																							14
	Barkhan *																							9
	Harnai *	000	0	0	23	01	96	02	4	425	77	0	2	7		1	73	73	—	—	0.0	— 6.3	0.2	8
	Samungli (Quetta) *	000	0	0	13	07	96	04	0	449	74	0	0	9	0	0	68	71	—	+ 9	0.0	— 0.9	3.7	—
	Chaman *	000	0	0	00	00	98	00	0	433	78	0	0	9	0	0	45	78	—	+ 10	0.0	— 0.1	2.0	—
	Nushki *	000	0	0	00	00	94	05	4	478	87	0	0	9	0	0	36	85	—	—	0.0	—	1.5	4
	Dalbandin *	000	0	0	00	00	93	05	0	428	83	0	0	9	0	0	44	77	—	+ 18	0.0	— 0.3	0.5	7
Kalat	Kalat *																				—	—	1.4	—
	Khuzdar *	032	9	0	00	00	96	01	0	430	77	0	0	9	0	0	68	70	—	—	1.4	—	1.7	5
	Panjgur *	000	0	0	00	00	95	05	0	441	79	0	0	9	0	0	70	76	+ 11	+ 5	0.0	—	0.0	—

† 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 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

When ever 999 is given RRR see the summary bove for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 28th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_w$ $_w$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	8N$_s$Ch$_s$h$_s$	$0T_sT_sT_sT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dumra ...	99 2 43	10 6 69	28 0 03	02 7 13	98 0 20	01 2 28	00 9 00	23 5 05	...	...	0: / 99	...	30 5 02	27 5 03

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000$_{mb}$	850$_{mb}$	700$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$	70$_{mb}$	50$_{mb}$	30$_{mb}$
		PoPoPoToToDoDo	hhh TTT$_s$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...														
Dacca ...														
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	999 274 36	...	403 190 30	077 119 64	579 085 79	749 175	950 295	238 445	429 510	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT$_s$ DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmPmPmdmdmfmfmfm	PcPcPcTcTcTac	dcdcfcfcfcfc	$P_cP_cP_cT_cT_cT_c$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms. a.s.l.-->	At 1200 hrs. G.M.T. † of Previous day (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION 1	2	3	4	5	6	7	8	9	10
Barisal ...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...
Chhor ...	230 08	215 09	165 06	030 15	030 07	...	...	...	...
Chittagong ...	150 17	155 23	160 25	...	...	...	...	...	...
Cheriat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...
Dacca ...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	135 08	125 12	125 14	110 23	100 18	...	...	...	...
Drosh ...	...	...	...	225 17	210 15	185 13	305 07	310 19	290 19
Fort Sandeman ...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Isherdi ...	...	...	...	...	...	...	...	...	...
Jacob.bad ...	135 19	135 23	135 22	165 13	195 07	295 12	300 13	330 15	085 13
Jessore ...	...	...	...	...	...	...	...	...	...
Jhelum ...	115 05	130 10	130 23	135 17	105 12	...	...	...	...
Jiwani ...	170 20	150 11	200 09	...	...	...	...	...	...
Karachi ...	270 14	265 13	265 12	...	...	...	...	...	...
Khanpur ...	070 07	085 08	085 07	160 13	190 06	120 03	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	065 08	120 11	110 10	152 10	090 03	...	...	...	...
Multan ...	110 07	100 07	105 06	375 05	240 10	340 26	...	...	...
Nawab Shah ...	165 05	155 05	010 03	040 05	015 10	020 13	020 16	010 07	045 11
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	010 05	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	195 04	265 18	320 08	310 10	320 13
Sargodha ...	090 08	095 10	005 10	110 05	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

Height in kms. a.s.l.-->	At 0000 hrs. G.M.T. † of date (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...
Chaklala ...	...	265 04	115 07	065 18	085 11	...
Chhor ...	240 16	265 10	240 32	220 19	195 14	085 14
Chittagong ...	125 15	190 18	155 21	...	...	...
Cheriat ...	...	...	...	...	...	...
Cox's Bazar ...	140 19	145 25	155 27	180 28	...	...
Dacca ...	165 16	175 19	175 18	...	...	...
Dalbandin ...	...	...	330 05	195 03	155 05	130 03
D. I. Khan ...	060 05	030 01	120 03	050 08	...	...
Drosh ...	...	...	...	270 06	265 02	150 07
Fort Sandeman ...	...	...	...	090 15	250 12	020 03
Gilgit ...	...	...	...	...	...	...
Isherdi ...	...	...	...	...	...	...
Jacob.bad ...	195 21	135 16	165 18	200 11	...	...
Jessore ...	...	...	...	...	...	...
Jhelum ...	045 08	155 0:	140 08	145 15	...	...
Jiwani ...	140 10	125 14	125 14	...	...	...
Karachi ...	...	...	...	...	...	...
Khanpur ...	070 12	0.0 12	115 14	140 15	175 12	190 06
Khuzdar ...	...	...	...	120 13	135 06	275 08
Lahore ...	145 03	150 03	...	...	...	...
Multan ...	360 05	360 06	...	...	...	...
Nawab Shah ...	185 08	195 07	180 09	135 14	080 04	035 19
Nokkundi ...	No	Ascent	...	...	...	...
Panjgur ...	...	...	...	210 11	260 14	320 08
Peshawar ...	...	235 02	140 02	160 05	165 05	235 03
Parachinar ...	...	...	...	...	...	...
Quetta ...	...	...	...	...	255 06	275 10
Sargodha ...	090 05	095 05	195 04	225 03	...	...
Skardu ...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...

Height in kms. a.s.l.-->	At 0600 hrs. G.M.T. † of date (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	135 04	120 04	120 10	125 14	150 08	355 07	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...
Cheriat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...	...	...
Dacca ...	120 12	135 16	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Isherdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacob.bad ...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	160 10	135 09	...	...	...	...	...	...	...	...	...
Karachi ...	130 05	135 06	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	055 04	140 02	165 03	...	...	...	...	...	...	...	...
Multan ...	060 05	030 03	070 10	350 17	005 12	340 11	...	...	...	...	...
Nawab Shah ...	115 04	110 03	105 04	035 06	050 08	020 15	030 10	070 08	120 08	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	040 03	050 09	060 08	150 07	255 01	315 09	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	075 10	090 06	100 07	135 04	050 07	230 08	015 12	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...	285 14	285 15	260 12	250 10	050 12	250 20	030 27	045 21	045 23	040 20	...	...	...	...	...	...	...	...	...	...	...
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V, V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

T_a—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures

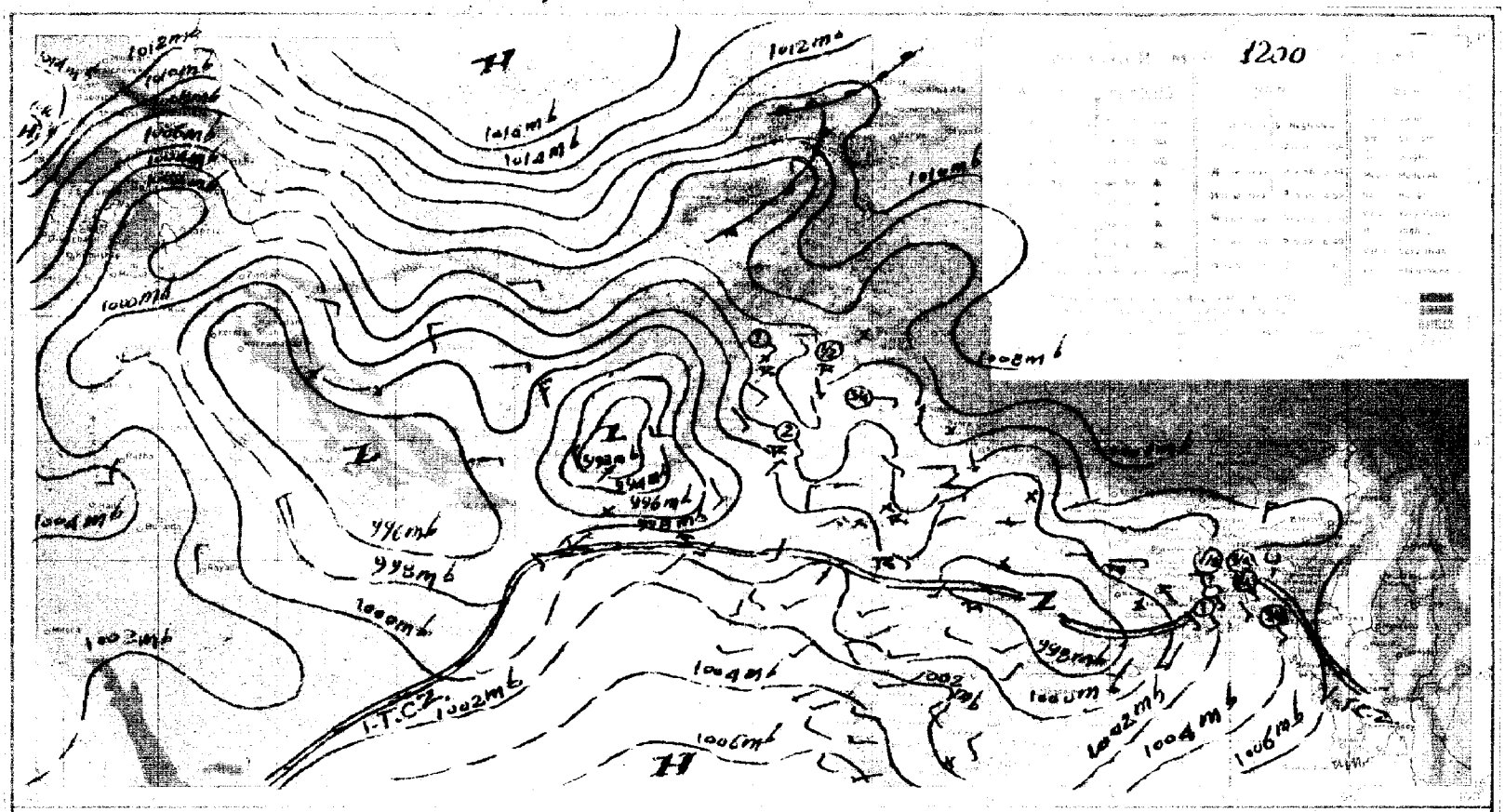
The actual time of observations may vary within half an hour of the specified time

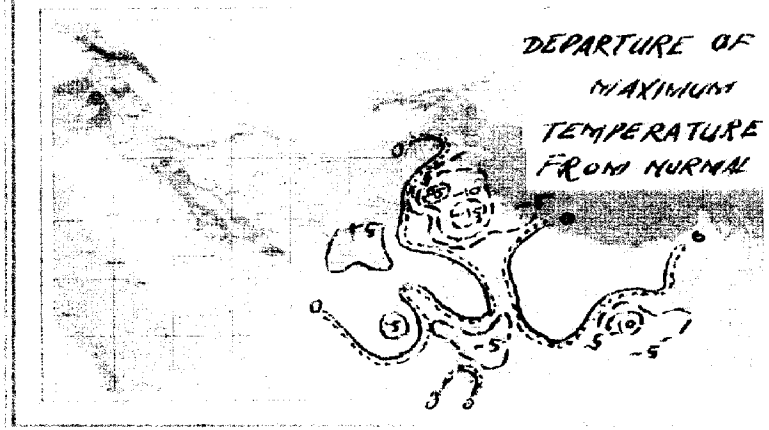
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

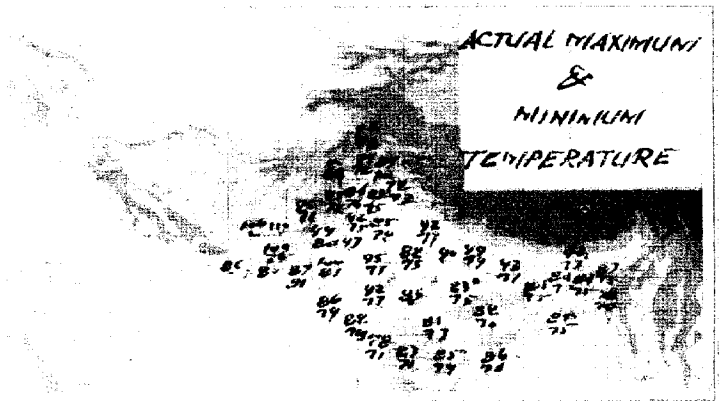
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Main Analysis Centre, University Road Karachi—32.

PAKISTAN DAILY WEATHER MAP

FRIDAY 27th AUGUST, 1971.

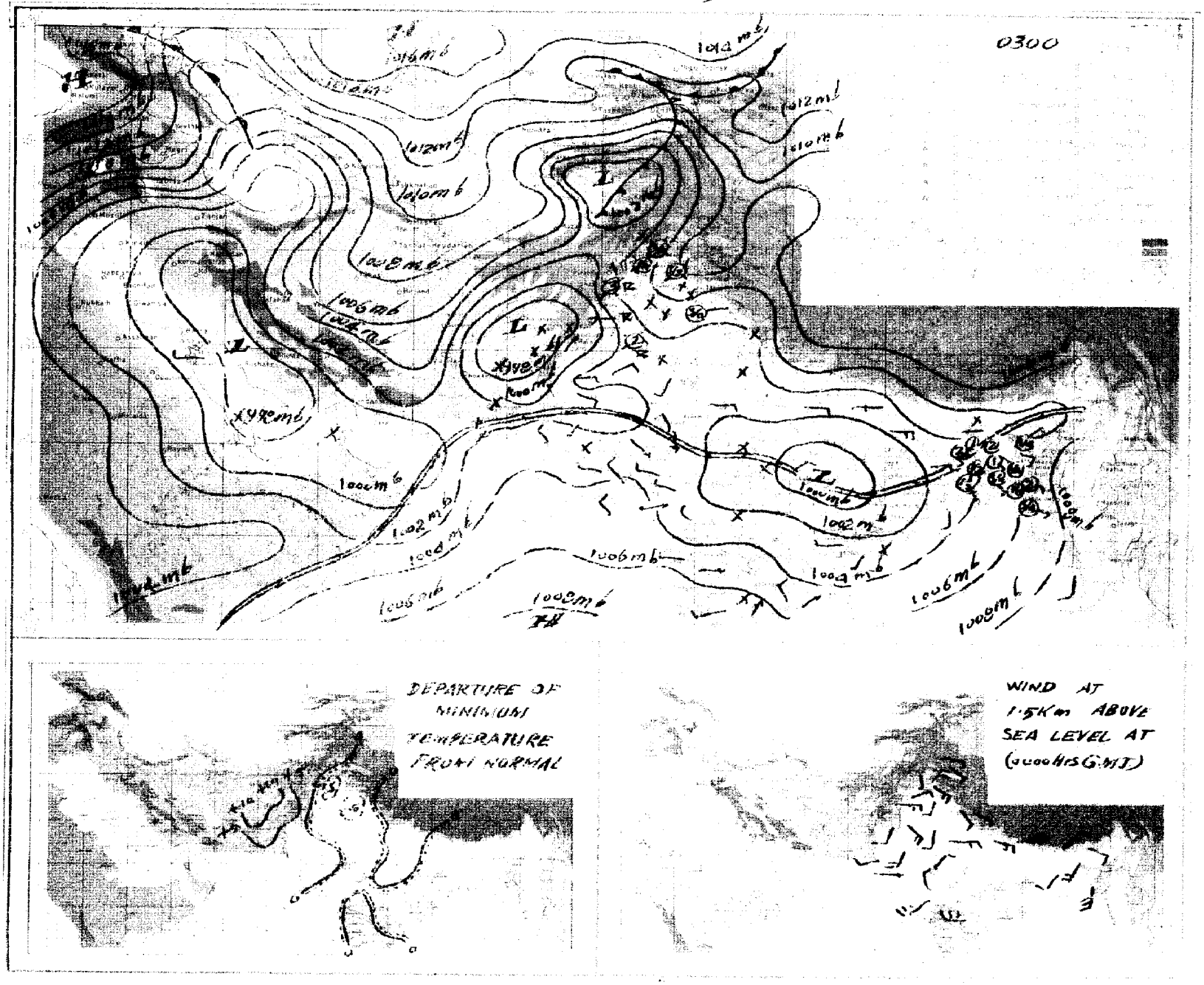






PAKISTAN DAILY WEATHER MAP

SATURDAY 28th AUGUST, 1971.



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Reg. No. S-1467
Volume No. 25

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 27th AUGUST, 1971.

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

Yesterday's low over north Andhra Pradesh and adjoining south Madhya Pradesh has become unimportant. A fresh low has developed over Orissa and adjoining Madhya Pradesh.

Rain/thundershowers have been widespread in Chittagong division and scattered in Dacca and Khulna divisions.

Yesterday's secondary western disturbance over Afghanistan and adjoining Russian Turkistan has moved away eastwards while its associated trough now lies over Kashmir and adjoining areas of West Pakistan.

Widespread rain/thundershowers have been reported from Lahore, Rawalpindi and Sargodha divisions, local from Malakand and Peshawar divisions and scattered from Multan division. Thunderstorms have also been reported from a number of places in D. I. Khan division and a few falls of drizzle from Karachi division.

Chief amounts of rainfall are Rawalpindi 5", Risalpur 4", Maijdee Court 3", Faridpur, Sialkot and Jhelum 2" each, Murree and Kakul 1½" each, Bhola and Sylhet 1" each, Chittagong, Khulna, Chakdara and Haripur ¾" each, Hatiya Sandwip, Lahore and Sargodha ½" each and Rangamati ¼" each.

Day temperatures were 10–17 °F (6–9 °C) below normal in Lahore, Rawalpindi and Peshawar divisions and 3–7 °F (2–4 °C) so in Chittagong, D. I. Khan and Khairpur divisions. These were 3—7 °F (2—4 °C) above normal in Rajshahi, Quetta and Kalat divisions.

Forecast valid until the evening of the 28th August, 1971:—Rain/thundershowers will be fairly widespread over East Pakistan and in Lahore, Rawalpindi, Malakand and Peshawar divisions and adjoining Kashmir and scattered in Multan and Sargodha divisions. Light rain may also fall at a few places in Karachi, Hyderabad and Khairpur divisions.

Karachi-32
The 27th August, 1971.

OBSERVATIONS

M. SHAHABUDDIN
for Director Meteorological Services.

At 12 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)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)° PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud from † 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	033	9	8	13	09	96	02	2	044	81	4	5	4	4	0	77	83
	Chittagong	011	9	7	13	08	96	02	6	042	81	7	7	3	3	0	77	85
	Maijdee Court	040	9	6	13	03	96	03	4	030	81	2	1	5	2	0	76	81
	Comilla	000	0	7	18	00	96	02	3	035	81	7	4	4	0	0	78	85
	Brahmanbaria																	
	Sylhet	000	0	6	08	05	97	02	2	///	//	3	4	5	0	9	75	90
	Srimangal	006	9	7	00	00	96	95	3	036	72	4	8	5	6	0	//	88
Dacca	Mymensingh	000	0	5	00	00	90	02	2	028	86	5	5	5	0	0	83	92
	Narayanganj	000	0	8	13	03	95	03	5	040	83	8	6	3	/	/	77	86
	Dacca (Tejgaon)	002	5	7	00	00	97	02	5	027	81	3	8	5	6	0	76	85
	Faridpur	000	0	8	16	05	96	02	2	034	85	6	4	5	1	0	78	86
Khulna	Barisal	005	4	7	14	07	96	03	6	023	81	5	6	4	7	8	77	85
	Khulna	000	0	5	13	05	97	02	0	038	85	0	4	4	0	0	81	90
	Satkhira	000	0	8	18	04	97	03	5	017	81	4	7	9	0	0	77	85
	Jessore	076	3	7	13	05	96	02	6	016	81	4	6	4	2	0	76	88
Rajshahi	Pabna	000	0	7	11	05	98	01	2	///	83	5	8	6	0	0	77	88
	Sirajganj																	
	Rajshahi	009	7	6	09	03	96	01	2	009	85	4	3	3	3	0	81	88
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinajpur	000	9	3	09	02	96	01	1	010	88	3	1	6	/	/	78	92
	Rangpur	000	0	1	00	00	96	01	1	023	85	1	0	9	/	0	78	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	8	07	10	96	07	2	007	78	4	9	5	2	0	70	90
	Sialkot	076	5	8	00	00	98	02	9	014	74	4	5	5	2	1	73	77
Rawalpindi	Jhelum	316	3	7	13	02	98	02	2	005	78	2	5	6	1	0	74	78
	Islamabad																	
	Rawalpindi	528	9	6	13	02	97	02	9	030	80	2	5	6	3	0	73	81
	Campbellpur																	
Sargodha	Khushab	000	0	8	05	05	97	03	2	999	83	6	2	9	2	4	74	86
	Sargodha	000	0	7	09	17	96	07	2	998	83	2	6	4	0	2	72	87
	Lyallpur	000	0	6	07	05	96	07	3	967	87	6	4	7	0	0	61	97
Multan	Sahiwal																	
	Multan	000	0	8	21	14	93	07	2	978	96	3	5	6	7	0	71	01
	Leiah	000	0	0	36	04	95	00	0	991	03	0	0	9	0	0	71	03
Bahawalpur	Khanpur	000	0	0	23	07	92	07	2	///	95	2	5	6	7	0	67	//
	Bahawalpur	000	0	0	00	00	94	00	0	967	96	6	7	9	0	0	//	99
	Fort Abbas	///	/	8	23	04	98	00	0	952	97	0	0	9	0	0	81	97
Malakand	Chakdara	050	8	7	27	05	96	03	6	990	80	7	5	7	1	1	73	82
Peshawar	Peshawar	000	7	5	31	03	97	01	9	994	84	3	5	6	3	0	74	85
	Haripur	092	8	8	05	00	97	03	6	998	86	8	5	6	0	0	33	87
D.I. Khan	Bannu	000	0	7	05	02	97	17	8	993	89	7	3	6	0	0	76	94
	D. I. Khan	000	0	9	07	16	93	07	0	988	88	9		/	/	/	79	96
Quetta	Sibi																	
	Nokkundi	000	0	0	31	12	94	05	4	914	04	0	0	9	0	0	58	05
Kalat	Turbat	000	0	0	00	00	98	00	0	029	97	0	0	9	0	0	93	97
	Jiwani	000	0	5	20	10	96	02	2	995	84	6	6	4	0	0	75	86
	Pasni	000	0	0	27	04	97	00	0	142	76	0	0	9	0	0	67	//
	Ormara	000	0	0	25	10	96	02	2	990	85	1	6	6	0	0	75	87
	Lasbela	///	0	3	13	01	98	00	0	973	99	0	0	8	0	0	73	01
Karachi division	Karachi (Manora)																	
	Karachi (Airport)	000	0	7	27	14	96	02	2	999	85	3	6	5	3	1	72	88
Hyderabad	Nagarparker																	
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hyderabad	030	0	2	23	09	97	01	1	978	92	0	0	9	0	1	73	96
	Badin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khairpur	Padidan	000	0	1	13	05	96	02	0	953	01	1	0	9	3	0	73	03
	Nawabshah	000	0	1	13	17	96	01	0	959	00	0	0	9	0	/	81	02
	Sukkur	000	0	6	20	05	96	03	0	953	02	6	0	9	6	0	73	03
	Kashmore																	
	Jacobabad	000	0	2	18	05	96	05	0	953	99	0	0	9	0	1	75	00
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	098	5	8	31	02	96	03	9	437	63	8	5	4	/	/	60	63
Malakand	Droth *																	
Peshawar	Cherat *	000	0	6	18	05	96	02	2	427	72	6	4	8	0	0	67	72
	Kakul *	064	0	7	34	05	97	01	6	433	74	5	4	6	3	0	66	75
	Landikotal *	000	0	4	13	05	98	01	2	422	82	4	2	/	2	0	70	85
	Parachinar *	034	4	5	16	02	97	17	9	439	72	5	9	6	0	0	61	84
D.I. Khan	Miranshah *																	
	Wana *																	
Quetta	Fort Sandeman *	000	0	3	13	27	95	05	4	455	94	3	4	7	0	0	64	01
	Hindubagh *	000	0	0	27	09	95	05	0	///	75	0	0	9	0	0	63	98
	Loralai *																	
	Barkhan *																	
	Harnai *	000	0	0	13	01	96	02	0	424	97	0	0	9	0	0	73	99
	Samungli (Quetta) *	000	0	1	31	07	96	03	0	393	95	1	8	9	1	0	72	96
	Chaman *	000	0	0	00	00	96	00	0	417	00	0	0	9	0	0	72	01
	Nushki *	000	0	0	31	03	95	05	4	443	02	0	0	9	0	0	46	03
	Dalbandin *	000	0	8	23	05	94	//	0	411	04	0	0	9	0	0	33	//
Kalat	Kalat *	000	0	3	10	09	93	00	2	380	87	0	0	9	0	0	56	91
	Khuzdar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Panjgur *	000	0	0	36	02	95	05	0	416	01	0	0	9	0	0	58	02

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 degree 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 TnTn (36)
Rangamati	030	9	2	18	02	95	61	6	090	76	6	6	7	2	0	76	75
Cox's Bazar	040	9	8	13	05	95	20	6	074	79	5	4	4	6	2	75	/
Chittagong	088	9	8	11	05	96	63	6	050	75	6	6	3	2		75	
Maijdee Court	300	9	8	00	00	94	63	6	088	//	5	6	4	2		75	
Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brahmanbaria																	
Sylhet	113	9	7	00	00	97	01	6	072	79	5	4	4	2	0	70	73
Srimangal	010	9	7	13	02	96	01	9	072	81	3	5	4	3	2	75	76
Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narayanganj	000	0	8	13	05	97	03	5	066	82	8	6	3	/		79	78
Dacca (Tejgaon)	030	9	7	13	09	97	21	6	067	79	5	7	3	2	0	79	//
Faridpur	193	2	8	16	05	97	02	6	054	81	6	4	5	1	0	79	79
Barisal	005	0	7	14	07	97	02	2	059	82	5	6	4	2	8	79	79
Khulna	075	1	6	13	05	97	02	0	014	75	0	6	4	0	0	73	76
Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore	040	9	8	13	03	96	51	6	049	79	4	7	3	2	0	77	//
Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sirajganj																	
Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra	000	0	7	09	02	96	02	2	059	82	4	3	4	3	0	75	78
Dinajpur	000	0	4	09	02	96	01	1	044	84	4	5	6			79	79
Rangpur	000	0	0	09	02	96	03	0	057	84	6	0	9	2	0	79	78
Jammu																	
Lahore (Jail Rd.)	059	3	8	00	00	96	51	9	049	76	3	7	6	2	0	75	76
Sialkot	210	0	8	00	00	99	02	2	057	76	3	5	5	2		74	72
Jhelum	230	3	6	16	03	98	21	6	054	75	2	5	6	7	0	72	//
Islamabad																	
Rawalpindi	475	9	7	00	00	96	95	9	054	72	6	5	4	2	0	71	71
Campbellpur																	
Khushab	011	2	8	36	05	96	02	2	044	76	[illegible]	2	9	0	0	74	
Sargodha	039	2	7	05	09	97	20	6	041	77	7	9	3	2	0	73	74
Lyallpur	015	6	6	07	03	96	02	9	047	80	6	9	6	0	0	71	73
Sahiwal																	
Multan	008	1	8	36	05	93	65	6	039	81	4	3	5	2	1	72	80
Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khanpur	000	0	0	23	03	96	03	2	///	//	6	0	9	7	0	74	//
Bahawalpur	000	0	0	00	00	94	05	8	997	83	0	0	9	0	0	75	78
Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chakdara	075	3	8	00	00	96	21	6	030	72	6	5	6	1	1	68	71
Peshawar	000	2	0	36	03	97	50	5	043	74	8	7	2	2	1	73	75
Haripur	076	7	8	09	02	97	03	6	060	72	8	5	6	0	0	71	70
Bannu	000	0	7	00	00	98	53	9	946	80	6	5	6	2	0	73	87
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sibi																	
Nokkundi	000	0	0	31	22	95	05	4	978	87	0	0	9	0	0	52	85
Turbat	000	0	0	23	02	98	00	0	061	83	0	0	9	0	0	74	80
Jiwani	100	0	6	18	05	96	02	1	029	80	6	6	5	0	0	76	79
Pasni	000	0	0	18	02	97	02	0	144	76	0	0	9	0	0	68	//
Ormara	000	0	1	27	07	97	02	0	166	//	7	5	9	1	1	//	//
Lasbela	000	0	2	00	00	98	02	0	027	80	0	0	9	0	0	74	80
Karachi (Manora)																	
Karachi (Airport)	003	0	4	27	05	96	02	2	028	82	4	6	4	0	0	78	80
Nagarparker																	
Chhor	000	0	6	23	03	96	02	1	028	81	6	0	9	5	0	75	79
Hyderabad	000	0	2	23	07	97	03	0	019	84	0	0	9	0	1	73	80
Badin	000	0	5	23	02	96	03	1	033	83	5	0	9	3	0	74	80
Padidan	000	0	6	13	02	96	03	1	010	83	0	0	9	0	1	74	81
Nawabshah	000	0	4	18	07	96	03	0	013	83	1	0	9	2	0	77	79
Sukkur	000	0	6	23	05	96	03	0	015	84	6	0	9	6	0	75	81
Kashmore																	
Jacobabad	000	0	5	13	05	96	05	0	015	85	0	0	9	0	4	59	83
Veraval																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **																	
Aliabad *																	
Gilgit *																	
Murree *	143	2	8	13	09	90	61	9	465	//	9	/	0	/	/	58	56
Droth *																	
Cherat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kakul *	129	3	7	34	05	95	21	9	462	67	6	8	6	2	0	65	65
Landikotal *	000	0	8	09	05	97	02	2	462	70	8	6	/	0	0	67	68
Parachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Miranshah *																	
Wana *																	
Fort Sandeman *	000	0	0	05	02	95	05	4	441	67	/	/	9	/	/	67	74
Hindubagh *	000	0	0	11	02	95	05	0	///	77	0	0	9	0	0	60	65
Loralai *																	
Barkhan *																	
Harnai *	000	0	0	13	01	96	02	0	418	83	0	0	9	0	0	76	//
Samungli (Quetta) *	000	0	0	13	07	97	04	0	434	76	0	0	9	0	0	68	78
Chaman *	000	0	0	00	00	98	00	0	433	78	0	0	9	0	0	45	78
Nushki *	000	0	0	00	00	94	05	4	468	65	0	0	9	0	0	37	//
Dalbandin *	000	0	0	23	07	93	05	0	432	86	0	0	9	0	0	43	//
Kalat *	000	0	0	00	00	98	00	0	428	79	0	0	9	0	0	67	69
Khuzdar *	000	0	2	00	00	96	05	0	428	79	0	0	9	1	0	65	79
Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Departure from Normal of / Rainfall

Stations (2)	Maximum temperature TxTx (37)	Minimum temperature TnTn (38)	Since 1st June, 1971 to-date (39)	Departure from normal (40)	Since 1st January, 1971 to-date (41)	Annual Normal (42)
Rangamati	—	—				—
Cox's Bazar	— 3	—				140
Chittagong	— 1	—	113.5	+51.0	—	108
Maijdee Court	— 4	—				115
Comilla						94
Brahmanbaria						78
Sylhet	—	—				—
Srimangal	— 2	0				98
Mymensingh	+ 5					91
Narayanganj	— 2	— 1				74
Dacca (Tejgaon)	—	—	48.3	—	—	—
Faridpur	— 1	0				71
Barisal	— 2	+ 1				81
Khulna	—	—				68
Satkhira	—	—				65
Jessore	— 1	—				65
Pabna	—					59
Sirajganj						64
Rajshahi	—	— 3				—
Bogra						69
Dinajpur	+ 3	+ 1				72
Rangpur	+ 5	+ 1				84
Jammu						—
Lahore (Jail Rd.)	— 7	— 3	9.8	— 2.0	12.8	19
Sialkot	— 17	— 5	22.2	+ 3.2	32.1	32
Jhelum	—	—	3.3	—	19.8	—
Islamabad						—
Rawalpindi	— 12	— 3	29.0	+10.4	32.4	36
Campbellpur						—
Khushab	— 13	—	1.0	— 7.6	1.7	15
Sargodha	—	—	6.6	—	10.6	—
Lyallpur	— 1	— 6	5.3	— 2.1	10.5	12
Sahiwal						10
Multan	+ 1	— 1	2.6	— 1.7	3.1	7
Leiah	—	—	—	—	—	8
Khanpur	—	—	1.1	— 3.5	1.5	6
Bahawalpur	—	—	0.0	— 4.0	2.1	6
Fort Abbas			—	—	—	8
Chakdara	—	—	10.8	—	13.7	—
Peshawar	— 12	— 2	3.9	+ 0.5	13.4	11
Haripur	—	—	2.4	—	32.2	—
Bannu	—	—	4.9	—	7.3	11
D. I. Khan	— 4		1.8	— 2.8	4.0	9
Sibi						5
Nokkundi	—	—	0.0	—	0.2	2
Turbat	—	—	0.0	—	0.0	—
Jiwani	—	—	0.0	—	1.5	5
Pasni	—	—	0.0	— 0.9	0.0	6
Ormara	—	—	0.0	— 0.8	0.0	6
Lasbela	—	—	0.0	—	0.0	8
Karachi (Manora)						8
Karachi (Airport)	—	—	1.3	— 4.1	1.5	—
Nagarparker						—
Chhor	—	—	3.0	—	3.0	7
Hyderabad	0	+ 2	1.8	— 3.5	2.2	9
Badin	—	—	1.7	— 4.2	1.7	—
Padidan	—	—	0.2	—	0.2	—
Nawabshah	—	—	0.6	—	0.6	4
Sukkur	—	—	1.8	—	2.2	—
Kashmore			—	—	0.0	4
Jacobabad	— 4	+ 2	2.6	— 0.5	2.6	20
Veraval						26
HILL STATIONS						—
Srinagar *						71
Gulmarg **						26
Sonamarg **						3
Dras **						6
Leh **						—
Skardu *						—
Misgar **						5
Aliabad *						59
Gilgit *						18
Murree *	— 10	— 4	37.1	+ 8.2	45.5	29
Droth *			—	—	10.1	—
Cherat *	— 13	—	10.5	+ 1.4	18.0	—
Kakul *	—	—	37.9	—	42.9	29
Landikotal *	—	—	10.5	—	20.5	13
Parachinar *	— 1		—	—	18.1	11
Miranshah *			—	—	1.8	13
Wana *			—	—	1.6	—
Fort Sandeman *	+ 7	+ 3	1.9	— 2.5	3.2	9
Hindubagh *	—	—	0.4	—	2.3	—
Loralai *			—	—	—	14
Barkhan *			—	—	2.0	9
Harnai *	—	—	0.0	— 6.3	0.2	8
Samungli (Quetta) *	+ 5	+ 12	0.0	— 0.9	3.7	—
Chaman *	+ 1	+ 10	0.0	— 0.1	2.0	—
Nushki *	—	—	0.0	—	1.5	4
Dalbandin *	—	—	0.0	— 0.3	0.5	7
Kalat *	+ 2	+ 21	0.0	— 1.1	1.4	—
Khuzdar *	—	—	1.4	—	1.7	5
Panjgur *	+ 3	—	—	—	0.0	—

† 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 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

When over 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 27th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dumra ...	99 2 06	10 7 05	27 0 03	82 8 15	98 0 22	03 5 28	87 4 11	28 6 07	...	86 7 94	09 0 25	...	35 5 02	29 5 05
Almahroa ...	99 1 95	10 7 65	27 0 03	82 7 21	97 2 15	06 8 27	83 7 00	22 4 00	...	...	05 1 23	...	30 6 05	27 6 06

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface $P_oP_oP_oT_oT_oT_oD_oD_o$	1000mb (hhh TTTa DD)	850mb	700mb	500mb	400mb	300mb	200mb	150mb	100mb	70mb	50mb	30mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	003 244 08	...	460 172 13	105 086 24	582 051 07	724 145 21	966 287 43	243 535 //	422 693 //	654 787 //	...	...	...
Dacca ...	00 00	006 260 05	...	400 182 17	092 092 49	591 065 20	753 139 //	965 273 //	247 475 //	431 615 //	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	999 270 28	...	400 194 21	100 194 60	518 071 //	757 135 //	970 271 //	255 307 //	...	..	..	...	...
Multan ...														
Peshawar ...	00 00	962 252 50	...	410 238 50	119 174 56	593 058 //	772 003 3/	...	—	...	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT_a DD							Max. Wind Speed $P_mP_mP_md_md_mf_mf_mf_m$	TROPOPAUSE First $P_tP_tP_tT_tT_tT_{at}$	Transition $d_td_tf_tf_tf_t$	Second $P_tP_tP_tT_tT_tT_t$	Transition dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms. a.s.l.—>	At 1200 hrs. G.M.T. † of Previous day (ddfff) 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 (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 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
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	105 15	130 14	130 06	130 07	...	...	100 11	100 15	120 16	165 14	...	...	...	...	...	...
Chhor ...	230 10	230 07	215 07	195 05	...	...	...	...	...	235 19	245 18	240 28	185 17	180 18	100 18	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	160 21	160 19	160 25	...	...	...	...	...	...	150 15	155 18	165 19	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	180 21	180 27	185 19	210 16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	155 08	170 11	175 17	165 15	170 17	...	...	...	...	160 17	170 19	170 17	...	...	...	260 15	330 03	320 04	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	250 14	315 13	310 16	275 12	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	050 16	045 19	045 19	...	...	...	...	...	...	045 12	050 11	065 08	305 04	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	..	...	220 15	210 16	190 13	065 05	310 08	...	...	...	...	070 08	060 03	230 15	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	160 11	160 12	165 12	185 09	240 02	360 12	350 15	030 17	055 18	105 08	145 09	140 03	140 09	140 10	105 07	060 03	100 05	// //	145 08	190 04	335 09	030 10	...	..	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	115 07	100 17	105 13	085 03	270 03	275 13	300 22	...	...	135 08	145 08	115 06	100 03	205 04	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	195 10	...	...	...	...	...	...	...	...	180 09	170 08	155 03	305 08	325 11	015 15	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	255 13	250 23	255 25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	195 17	205 20	210 22	220 15	...	...	...	...	...	195 08	195 08	160 08	240 04	245 10	255 20	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	075 15	065 13	080 16	020 13	195 05	...	...	...	...	No	Ascent	...	...	...	...	360 04	095 05	105 06	135 05	...	...	...	...	...	...	...
Multan ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	180 12	190 11	165 07	120 03	050 03	040 13	040 11	040 13	045 16	130 01	135 03	145 10	...	...	...	150 02	340 03	105 07	055 09	060 12	040 12	035 16	...	...	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	340 06	130 02	165 13	175 12	...	...	...	...	...	005 08	025 04	300 07	240 02	305 25	No	Ascent	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	265 22	263 04	275 //	310 04	295 03	...	...	...	...	275 04	285 16	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	080 21	090 28	095 26	095 22	110 19	...	...	...	...	105 15	130 15	165 12	...	...	...	105 01	160 06	190 09	190 05	...	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23·5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...	265 18	265 21	275 18	275 13	365 10	055 18	025 24	045 27	050 27	070 17	...	...	...	...	...	...	...	...	...	...	...
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V_r V_r etc.)

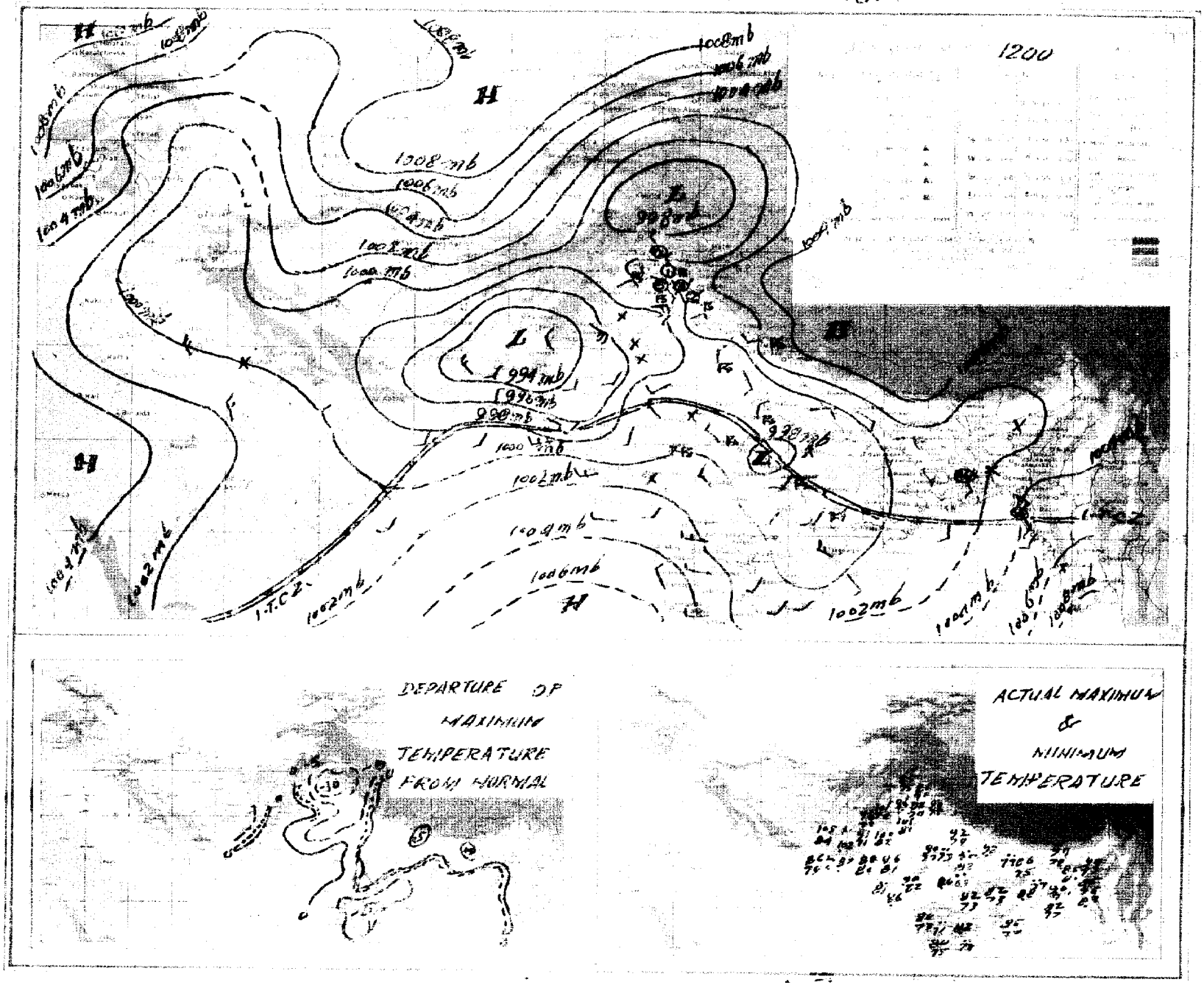
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East
The next three figures give the wind speed "fff" In knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

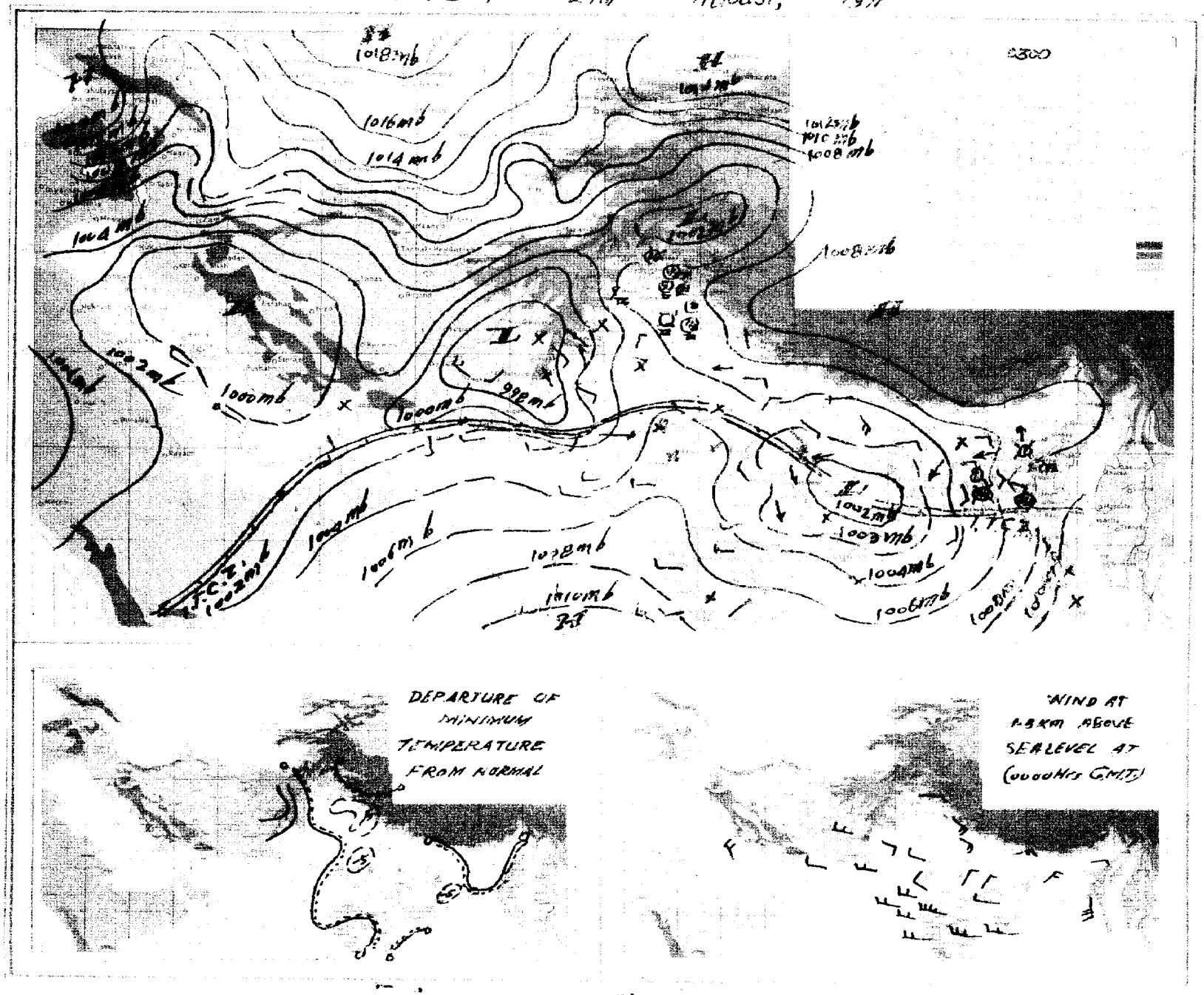
PAKISTAN DAILY WEATHER MAP

THURSDAY 26th AUGUST, 1971.



PAKISTAN DAILY WEATHER MAP

FRIDAY 27th AUGUST, 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

THURSDAY THE 26th AUGUST, 1971.

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

Yesterday's well marked low over north Andhra Pradesh and south Madhya Pradesh which weakened into a low last evening persists over there.

Rain/thundershowers have been fairly widespread in Dacca division and local elsewhere in East Pakistan.

The secondary western disturbance over southeast Russian Turkistan and Kashmir is now moving away eastwards.

Another secondary western disturbance today lies over Afghanistan and Russian Turkistan. Under its influence seasonal low lies accentuated over Quetta and Kalat divisions.

Fairly widespread rain/thundershowers have been reported from Rawalpindi and Malakand divisions and local thunderstorms/showers from Lahore and Peshawar divisions and a few falls of drizzle from Karachi division.

Chief amounts of rainfall are Faridpur and Kakul 4" each, Hatiya 1½", Khulna, Jhelum, Murree and Chakdara 1" each, Jessore and Rawalpindi ¾" each, Cox's-Bazar, Narayanganj, Dacca and Pabna ½" each and Rangamati, Maijdee Court, Sylhet and Rangpur ¼" each.

Day temperatures were 3- 8°F (2- 4°C) above normal in Multan, Peshawar, D. I. Khan, Quetta, southern Kalat and Hyderabad divisions and to the same extent below normal in Dacca, Rajshahi, Lahore and Rawalpindi divisions.

Forecast valid until the evening of the 27th August, 1971 :—Rain/thundershowers will be fairly widespread in southern areas and scattered elsewhere over East Pakistan. Scattered rain/thundershowers are also likely to occur in Lahore, Rawalpindi, Peshawar, D. I. Khan and Sargodha divisions and in Kashmir and a few thunderstorms in Quetta division. Drizzle may also fall in Karachi and Hyderabad divisions.

Karachi-32
The 26th August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds 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 (TdTd)	Maximum temperature (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total Cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (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 (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum temperature (TnTn)	Rainfall: Since 1st June, 1971 to-date	Departure from normal	Since 1st January, 1971 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	011	3	7	18	02	97	60	9	043	77	6	7	4	1		77	88	019	2	6	18	02	98	02	6	068	80	4	4	6	7	0	80	78						140
	Cox's Bazar	000	0	7	18	09	96	50	2	031	81	2	4	9	6	5		88	049	9	8	18	09	96	60	6	063	75	5	5	4	6	0	75	75	+ 3	— 1				108
	Chittagong	005	1	7	18	02	96	60	2	029	82	5	4	3	2	0	75	86	032	9	7	16	05	96	60	6	064	79	6	5	2	2	0	75	76	0	— 0				115
	Maijdee Court	009	0	7	18	02	96	01	2	016	[illegible]	4	2	5	2	1	79	90	020	9	8	18	01	96	03	6	166	80	6	5	4	2		77	74	+ 5	— 3				94
	Comilla	000	0	6	00	00	96	02	2	025	84	6	4	5	0		77	88	000	0	6	18	05	96	02	6	057	80	6	4	5	0	0	77	77	+ 1	0				78
Dacca	Brahmanbaria																		017	9	7	00	00	97	02	2	054	54	6	4	5			79	75							—
	Sylhet	019	9	6	00	00	96	02	6	021	80	2	2	6	3		77	[illegible]	007	9	6	13	05	96	02	2	060	80	4	2	4	5	4	74	77	—	+ [illegible]				98
	Srimangal																																								91
	Mymensingh	000	0	6	00	00	97	02	2	027	85	6	5	5	0	0	80	92	000	0	6	13	02	97	02	2	059	84	6	4		0	0	83	80	+ 5	+ 2				74
	Narayanganj	000	0	8	13	02	95	02	2	016	84	8	6	3	2	1	79	85	041	0	7	13	05	97	02	6	052	80	9	8	4	7	0	77	78	— 3	— 1				—
	Dacca (Tejgaon)	016	0	8	36	02	96	95	2	021	79	7	9	4	7	1	79	88	041	9	8	00	00	97	02	0	052	80	3	5	3	7		77	76						71
	Faridpur	160	6	8	00	00	95	02	6	027	81	7	4	5	7	0	77	91	370	3	9	18	02	97	61	6	068		0	6	2	7	0	74		— 6	—				
Khulna	Barisal	005	0	7	17	05	96	03	9	017	82	5	4	4	7	8	77	86	000	0	7	10	05	97	02	2	052	83	5	4	5	2	6	79	79	— 1	+ 1				81
	Khulna	000	0	6	00	00	97	02	0	025	82	3	3	4	0	0	77	87	000	0	6	13	05	97	02	0	003	85	0	0	9	0	0	79	77						68
	Satkhira	000	1	6	18	03	97	50	5	965	80	4	7	9	0	0	80	87	000	0	4	09	04	97	02	3	046	83	4	2	9	2	3	77	79						65
	Jessore	043	7	7	27	02	96	17	9	016	81	4	9	3	2	1	77	88	091	3	7	09	05	96	51	6	946	79	4	7	3	7	0	79	77	0	+ 2				65
	Pabna																		063	5	5	09	02	99	03	9	[illegible]	83	5	0	9	5	0	74	79						59
Rajshahi	Sirajganj																		000	0	8	13	03	98	02	2	050	80	8	0	8	2	0	79	79	—	0				64
	Rajshahi	035	3	8	00	00	96	61	6	015	80	5	7	5	3	0	79	83	000	0	6	09	02	96	02	6	042	83	4	6	3	3	2	79	77						—
	Bogra	000	0	7	09	03	97	02	0	014	81	3	6	5	7	0	75	88	000	0	5	09	02	96	01	2	050	84	3	5	5	3	0	79	78	0	0				69
	Dinajpur	005	9	6	13	02	96	02	6	014	80	6	0	9	2	/	80	85	005	3	3	05	02	96	/		046	84	3	0	9	4	1	79	77	— 4	+ 1				72
	Rangpur	028	8	5	05	02	96	01	6	029	83	5	0	9	2	0	77	89	028	0	3	09	02	96	01	[illegible]	060	87	3	0	9	1	0	60	77	0	0				84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	6	09	07	97	02	2	980	89	2	5	7	2	7	79	89	000	0	1	09	05	96	02	2	009	81	4	6	6	2	0	77	79	— 6	+ 1	9.2	— 2.5	12.2	19
	Sialkot	000	0	7	00	00	97	02	2	995	85	3	5	6	2	0	79	89	004	3	6	09	02	98	02	9	028	77	2	5	5	2	1	75	76	— 7	+ 1	20.1	+ 1.4	30.0	32
Rawalpindi	Jhelum	000	0	4	13	02	98	03	1	987	87	5	0	9	7	0	75	90	101	1	8	13	02	95	95	9	020	73	4	9	6	2	1	77	77			14.1	—	18.8	—
	Islamabad	000	3	6	13	03	97	03	9	981	86	1	3	6	2	1	75	88	012	8	[illegible]	[illegible]	[illegible]	96	95	9	013	75	8	9	3	2		74	75	— 5	+ 1	21.1	— 7.7	29.4	36
	Rawalpindi	000	0	2	09	03	98	00	0		99	0	0	9	0	0	99	01																							
	Campbellpur																																								
Sargodha	Khushab	000	0	8	05	17	97	03	2	969	98	5	2	9	3	0	74	01	000	0	8	05	10	97	02	2	956	84	6	7	9	2	0	01		+ 2	—	1.0	— 7.7	1.6	15
	Sargodha																		000	0	7	13	07	97	02	2	997	83	5	6	4	2	0	77	80			6.2	—	10.2	—
	Lyallpur	000	0	4	07	02	97	02	1	963	97	4	3	7	0	0	62	00	000	0	5	07	02	97	02	1	991	85	5	3	7	0	0	73	82	+ 2	+ 3				12
Multan	Sahiwal																																								10
	Multan	000	0	5	18	03	96	03	0	946	05	2	0	9	3	2	66	06	000	0	3	23	05	96	05	0	984	95	1	0	9	3	1	78	73	+ 8	— 8	2.5	— 1.8	3.1	7
	Lodhi	000	0	0	36	04	95	00	0	986	02	0	0	9	0	0	80	02																							8
Bahawalpur	Khanpur	000	0	8	23	05	96	03	2	953	03	2	5	6	7	0	69	05	000	0	1	23	03	96	02	0	992	86	1	0	9	3	0	73	82			1.1		1.5	6
	Bahawalpur	000	0	2	00	00	96	00	0	966	01	0	0	9	0	0	68	04	000	0	0	00	00	90	00	0	992	89	0	0	9	0	0	83	88			0.0	— 4.0	2.1	4
	Fort Abbas																				0	05	02	98	00	0	958	92	0	0	9	0	0	83	82						8
Malakand	Chakdara	017	4	7	27	05	97	03	9	995	87	2	2	7			80	95	091	3	8	00	00	96	[illegible]	6	979	76	6	5	6			69	74			10.1	—	12.9	—
Peshawar	Peshawar	000	0	7	36	03	97	02	9	955	93	2	3	6	3	0	71		000	0	8	31	02	97	02	2	990	80	3	3	6	2	0	76	79	—	+ 2	3.9	+ 0.5	13.4	11
	Kohat	000	4	5	05	03	98	03	2	003	89	0	0	9	3	0	72	77																				23.6	—	31.5	—
D.I. Khan	Bannu																		000	0	7	09	01	98	04	2	999	85	0	0	9	7	0	79	84			4.9	—	7.3	11
	D. I. Khan	000	0	0	00	03	97	02	0	943	04	0	0	9	0	1	81	06																		— 6	—	1.8	— 2.7	4.0	9
Quetta	Sibi																																								5
	Nokkundi	000	0	1	31	12	95	05	4	930	07	0	0	9	0	1	61	09	000	0	0	36	23	94	05	4	976	87	0	0	9	0	0	59	84			0.0	—	0.2	2
Kalat	Turbat	000	0	0	[illegible]	04	97	00	0	993		0	0	9	0	0	71		000	0	0	16	02	98	00	0	064	64	0	0	9	0	0	78	82			0.0	—	0.0	—
	Jiwani	000	0	5	23	07	96	02	1	014	85	5	6	5	0	0	71	87	000	0	3	13	03	96	02	1	020	81	3	5	6	0	0	75	79			0.0	—	1.5	5
	Pasni	000	0	0	27	02	97	00	0	942	76	0	0	9	0	0	67		000	0	0	18	02	97	02	0	944	74	0	0	9	0	0	60	[illegible]	—	—	0.0	— 1.0	0.0	6
	Ormara	000	0	1	25	17	96	04	4	997	85	1	6	6	0	0	75	87	000	0	1	25	10	96	02	2	016	90	1	6	6	0	0	76	[illegible]			0.0	— 0.8	0.0	6
	Lasbela	000	0	2	13	03	96	00	0	931	01	0	0	9	0	0	72	01	000	0	2	00	00	98	05	0	978	80	0	0	9	0	0	74	79			0.0	—	0.0	—
Karachi division	Karachi (Manora)																																								8
	Karachi (Airport)	000	0	5	27	17	96	03	2	002	85	5	6	5	0	0	79	89	000	0	7	27	16	96	03	5	018	81	7	6	4	1	5	77	79	0	0	1.3	— 4.1	1.5	—
Hyderabad	Nagarparker																																								7
	Chhor	000	0	6	23	07	9	03				0	0	9	0	8	74	97																							9
	Hyderabad	000	0	3	23	10	97	02	0	978	96	0	0	9	0	1	71	01	000	0	5	23	09	99	03	1	003	84	0	0	9	0	1	72	81	+ 6	+ 3	1.0	— 3.5	2.2	9
	Badin	000	0	7	23	12	97	03	2	999	91	5	4	6	6	0	74	94	000	0	3	23	09	96	02	1	021	82	2	2	6	6	0	75	78			1.7	— 4.1	1.7	—
Khairpur	Padidan	000	0	2	18	09	96	01	1	996	03	0	0	9	0	1	67	06	000	0	4	13	07	96	03	1	987	83	0	0	9	0	1	73	80			0.2	—	0.2	—
	Nawabshah	000	0	5	13	04	96	02	0	965	01	0	0	9	0	4	78	04	000	0	2	18	07	96	03	0	992	82	0	0	9	0	1	76	79			0.6	—	0.6	4
	Sukkur	000	0	6	23	04	96	03	0	950	05	0	0	9	0	0	80	06	000	0	6	23	05	96	03	0	969	85	6	0	9	6	0	72	81			1.8	—	2.3	—
	Kashmore																		000	0	0	18	02	98	02	0	006	86	0	0	9	0	0	73	81			0.0	—	0.0	4
	Jacobabad	000	0	5	23	05	96	05	1	943	05	0	0	9	0	5	71	06	000	0	0	13	07	96	05	1	990	87	0	0	9	0	1	74	[illegible]	+ 2	/	2.6	+ 0.5	2.6	20
Junagadh	Veraval																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar *																																								71
	Gulmarg **																																								26
	Sonamarg **																																								3
	Dras **																																								6
	Leh **																																								—
	Skardu *																																								—
	Misgar **																																								5
	Aliabad *																																								59
	Gilgit *																																								18
Rawalpindi	Murree *	008	5	6	31	05	97	02	6	432	72	6	5	3	0	0	67	73	090	2	8	13	05	95	95	6	448	63	8	9	2			62	[illegible]			35.7	+ 7.0	45.1	29
Malakand	Drosh *	000	0	5	23	12	97	06	9	390	95	3	2	7	6	0	45	01	000	0	2	00	00	98	06	0	421	81	2	1	5	0	0	60	70	+ 7	0	1.6	—	10.1	—
Peshawar	Cherat *	004	4	5	18	07	96	01	5	415	79	5	4	8	0	0	75	85	005	9	8	18	05	92	02	2	431	71	8	3	0	0	0	71	70	— 1	+ 1	10.5	— 1.6	18.1	—
	Kakul *	000	3	6	16	09	95	17	9	427	84	5	3	5	6	0	69	88	035	3	8	31	03	95	95	9	435	68	8	7	4	6	0	67	67			36.6	—	42.6	29
	Landikotal *	000	0	4	00	05	97	03	0	418	91	4	0	/	2	0	71	96	000	0	8	09	00	97	02	2	438	77	8	4	/	0	0	73	74			10.5	—	20.5	13
	Parachinar *	000	0	5	13	03	97	03	2	427	85	5	3	6	3	0	57	87	000	0	1	00	00	95	05	0	432	77	1	1	/	0	0	63	69	+ 2	+ 6	10.5	—	18.1	11
D.I. Khan	Miranshah *																		000	0	0	05	05	/	/	/	422	85	0	0	9	0	0	71	73			0.9	— 2.7	1.8	13
	Wana *	000	0	6	23	04	97	03	0	390	90	6	5	8	0	0	78	95																				0.9	—	1.6	—
Quetta	Fort Sandeman *	000	0	1	05	02	97	03	0	390	00	/	/	7	0	0	51	01	000	0	1	13	02	95	05	4	421	80	0	0	9	0	0	71	76	+ 5	+ 5	1.9	— 2.5	3.2	9
	Hindubagh *	000	0	0	25	09	98	02	0	///	96	0	0	9	0	0	75	99	000	0	0	25	13	95	05	0	///	/ /	0	0	9	0	0	60	65			0.3	—	2.3	—
	Loralai *																																								14
	Barkhan *																																								9
	Harnai *	000	0	4	13	01	96	02	0	415	00	0	0	9	0	0	79	01	000	0	0	05	01	96	01	0	406	85	0	0	9	0	0	75	81			0.0	— 6.2	0.2	8
	Samungli (Quetta) *	000	0	0	31	07	98	02	0	415	96	0	0	9	0	0	66	98	000	0	0	00	00	96	06	0	437	75	0	0	9	0	0	62	68	— 7	+ 4	0.0	— 0.9	3.7	—
	Chaman *	000	0	0	27	03	96	00	0	421	02	0	0	3	0	0	74	02	000	0	0	00	00	98	00	0	451	82	0	0	9	0	0	60	[illegible]	+ 5	—	0.0	— 0.1	2.0	—
	Nushki *																		000	0	0	36	02	94	05	4	473	83	0	0	9	0	0	33	82			0.0	—	1.5	4
	Dalbandin *	000	0	0	13	05	95	05	0	425	08	0	0	9	0	0	19	[illegible]	000	0	0	05	03	94	05	0	432	67	0	0	9	0	0	35	[illegible]	—	—	0.0	— 0.3	0.5	7
Kalat	Kalat *	000	0	0	31	05	95	05	4	471	04	0	0	9	0	0	47	[illegible]	000	0	0	18	02	90	00	2	416	69	0	0	9	0	0	46	[illegible]	—	—	0.0	— 1.1	1.4	—
	Khuzdar *	000	0	3	13	09	97	03	0	393	99	1	1	8	0	1	55	00	000	0	2	27	03	95	05	0	423	80	0	0	9	0	1	65	78			1.4	—	1.7	5
	Panjgur *	000	0	4	31	09	95	05	1	482	02	4	0	9	2	0	34	03	000	0	2	18	03	95	05	0	422	78	0	0	9	0	1	69	74	+ 5	— 4	0.0	—	0.0	—

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 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

When 999 is given RRR see the summary boxes for the actual amounts of rainfall

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 26th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$	N dd FF	$VV_{ww}W$	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA ...	99 2 47	10 5 80	26 0 63	01 6 02	98 0 20	02 3 0//	00 9 00	34 2 10	...	..	0' / 28	13 0 18	30 1 00	...
BAY OF BENGAL ...	99 1 87	10 8 60	26 0 63	82 5 18	96 5 15	02 3 27	75 5 //	53 4 00	...	...	05 4 26	...	30 6 05	...

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels												
		Surface	1000_{mb}	850_{mb}	700_{mb}	500_{mb}	400_{mb}	300_{mb}	200_{mb}	150_{mb}	100_{mb}	70_{mb}	50_{mb}	30_{mb}
		PoPoPoToToToDoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	003 264 22	...	470 199 09	...	...	...	967 275 56	245 529 //	425 669 //	664 875 //	...	...	...
Dacca ...	00 00	001 256 08	...	430 176 00	074 /////	581 027 57	755 139 62	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	999 275 38	...	400 226 39	100 140 61	589 035 68	758 145 //	?97 127 //	256 381 //	...	...	..	...	...
Multan ...														
Peshawar ...	00 00	957 270 26	...	390 234 40	082 156 56	585 000 6'	761 093 //	978 235 //	...	...	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT_a DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmFmPmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	$P_tP_tP_tT_tT_tT_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms. a.s.l.—>	At 1200 hrs, G.M.T. † of Previous day (ddfff) 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 (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	135 08	145 07	160 05	...	...
Chhor ...	225 11	225 12	210 10	045 12	115 10	...	055 14	...	...	201 90	215 19	215 20	195 14	130 11	060 15
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	155 10	155 12	190 09	205 09	245 10	...
Dacca ...	...	...	...	...	...	...	...	...	...	135 15	145 19	145 15	...	135 19	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	080 02	34? 06	025 02	340 05
D. I. Khan ...	170 05	170 08	135 13	140 14	140 15	16? 09	305 03	300 09	285 09	050 13	080 12	145 10	215 12	200 10	2?0 13
Drosh ...	...	...	...	230 15	220 15	200 22	160 10	...	...	...	...	...	210 04	210 04	195 05
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	045 07	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	195 08	195 11	195 13	210 05	090 02	030 14	030 11	...	...	170 10	165 16	185 17	185 07	145 03	360 03
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	105 10	110 23	135 24	160 08	...	...
Jiwani ...	...	...	...	...	...	...	...	...	...	215 14	210 09	265 07	320 09	250 8?	...
Karachi ...	...	...	...	...	...	...	...	...	...	260 17	290 23	270 22	275 17	055 15	085 19
Khanpur ...	240 13	250 15	260 19	270 14	285 10	320 04	...	...	...	210 21	225 22	2.0 06	230 24	235 31	290 14
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	255 04	045 04	025 09
Lahore ...	...	...	...	...	...	...	...	...	...	110 09	140 15	170 20	190 17	185 12	285 05
Multan ...	...	...	...	...	...	...	...	...	...	215 10	230 19	230 23	225 12	225 01	035 07
Nawab Shah ...	180 14	195 07	163 09	140 11	070 6?	025 24	060 22	045 25	040 02	320 09	220 15	160 18	155 13	115 09	045 18
Nokkundi ...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...
Panjgur ...	...	...	...	310 13	330 16	34? 18	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	015 06	330 06	260 05	225 13	265 16
Parachinar ...	245 09	285 09	...	215 15	210 21	270 10	305 15	340 12	005 13	...	...	...	...	050 02	290 02
Quetta ...	...	...	...	...	285 16	295 07	305 14	325 11	025 11	...	...	...	...	295 06	305 08
Sargodha ...	...	...	...	...	...	...	...	...	...	060 07	190 09	...	235 09	...	015 02
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Varaval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in kms. a.s.l.—>	At 0600 hrs. G.M.T. † of date (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	140 08	145 11	145 13	145 16	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	110 03	200 06	195 06	170 07	175 05	355 11	031 34	075 10	020 12	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	185 08	190 05	240 03	...	...	...	...	...	...	...	...
Karachi ...	270 13	270 17	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	125 04	160 06	...	...	...	...	...	...	...	...	...
Multan ...	200 17	185 14	185 12	195 10	185 06	285 09	330 10	...	350 14	...	...
Nawab Shah ...	185 10	175 07	150 03	115 03	105 06	055 01	060 12	055 10	066 15	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	065 11	100 08	...	150 08	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	075 21	080 20	...	...	...	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...
Varaval ...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...	260 17	280 23	270 22	275 17	355 10	085 18	055 15	055 38	050 23	065 31	...	...	...	...	...	...	...	...	...	...	...
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V, V, etc.)

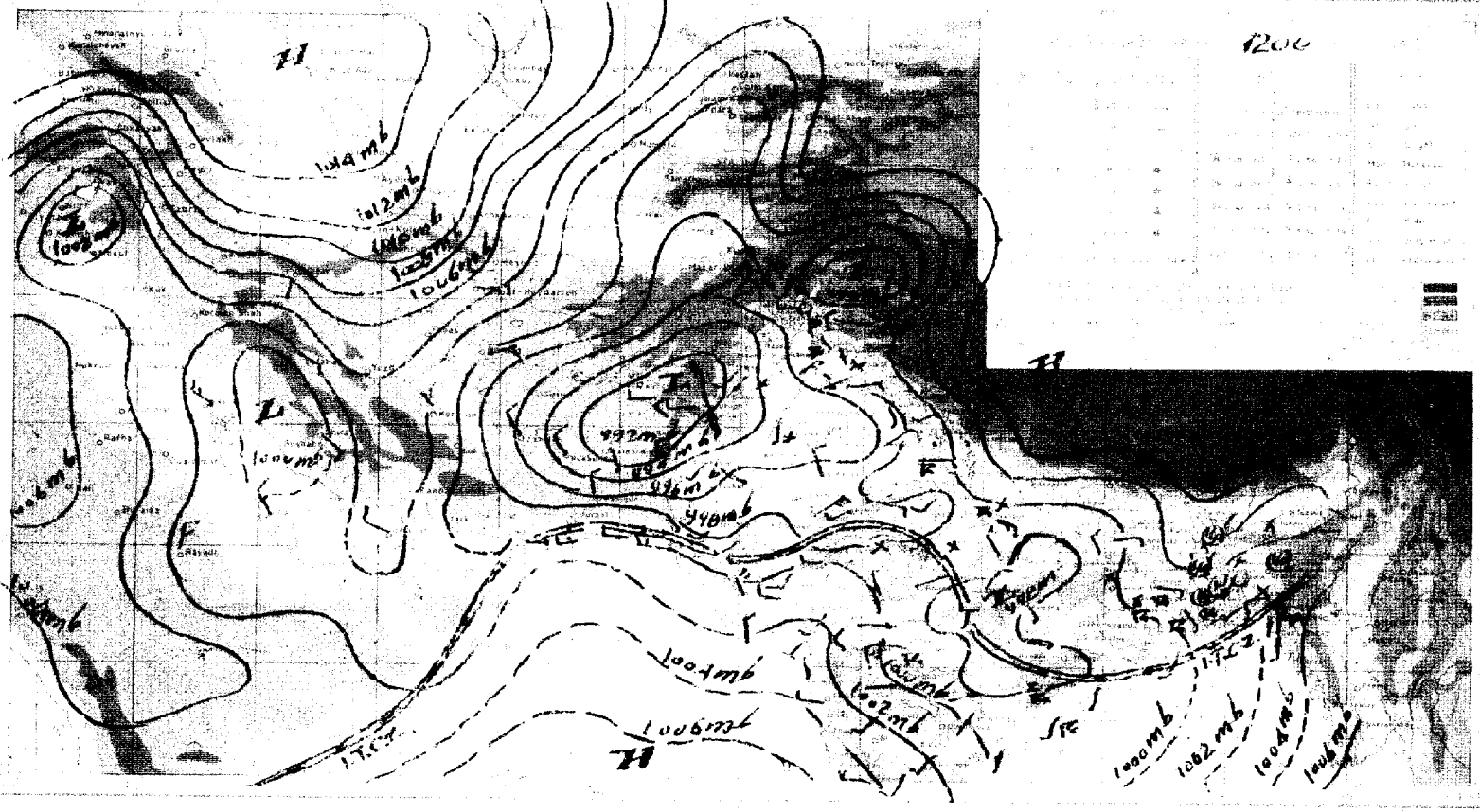
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

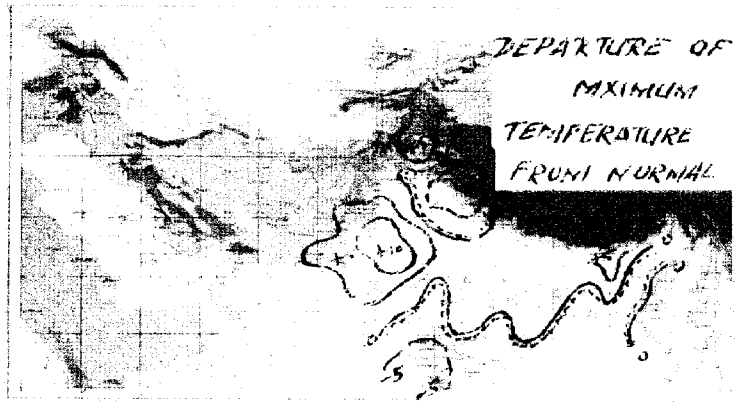
The actual time of observations may vary within half an hour of the specified time.
*. The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

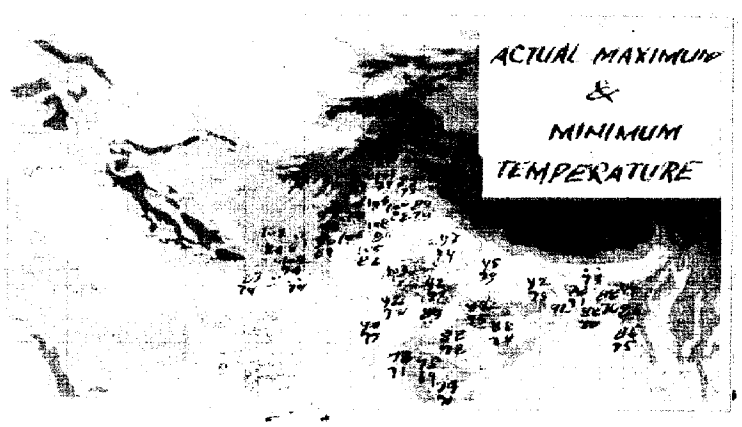
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 25th AUGUST, 1971

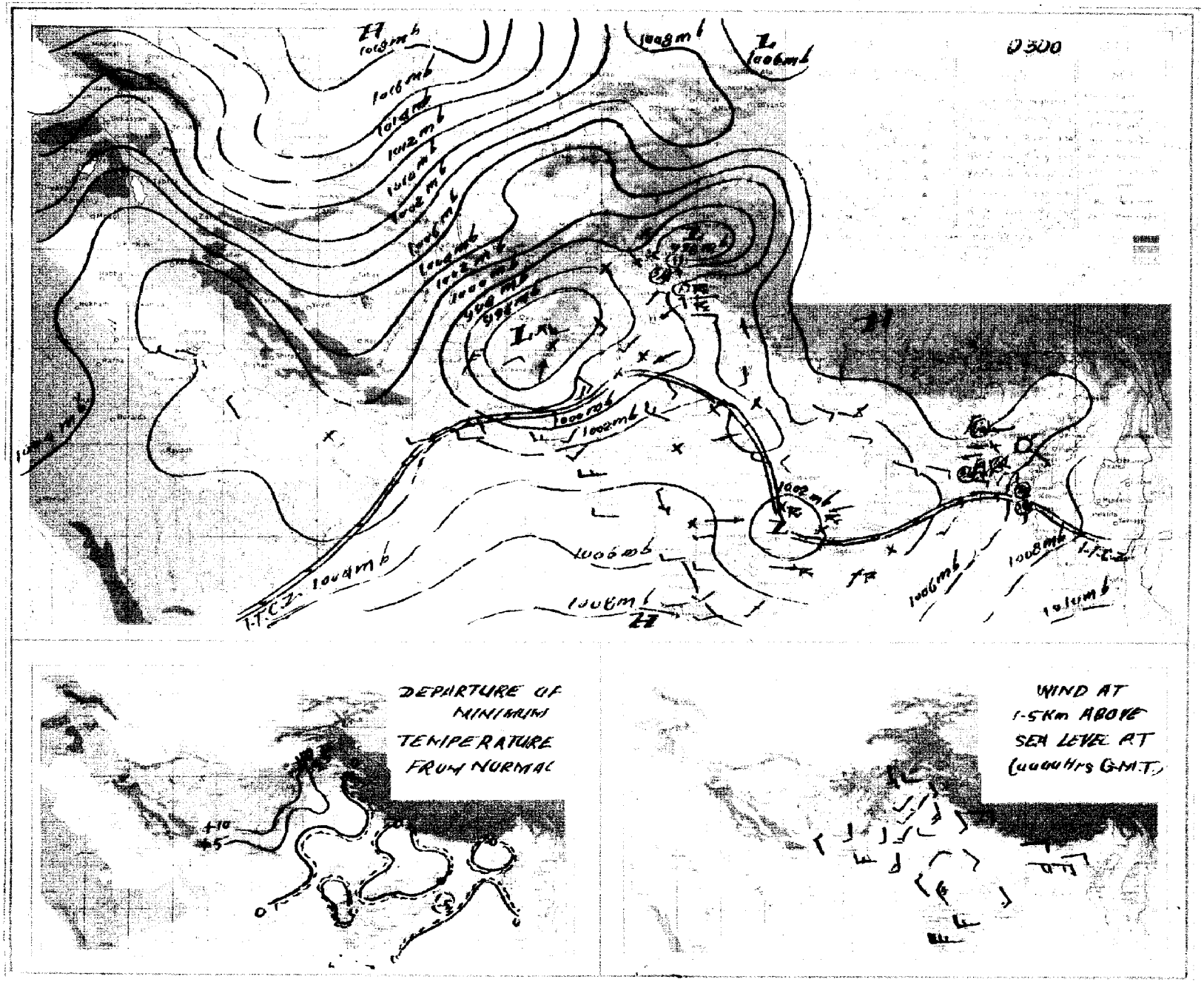






PAKISTAN DAILY WEATHER MAP

THURSDAY 26th AUGUST, 1971.



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Reg. No. S-1467
Volume No. 25

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 25th AUGUST, 1971.

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

Observations from Madras and Orissa coast scanty but believe yesterday's depression in West central Bay of Bengal which was centred at 24,1200 G.M.T. within one degree of latitude 16° N and longitude 85.5° E, has weakened and moved rapidly inland across Andhra coast and now lies as a well marked low over northern Andhra Pradesh and adjoining areas. Its associated cyclonic circulation extends upto 500 MBS.

Local rain/thundershowers have occured in Chittagong division and scattered over Dacca and Rajshahi divisions.

Yesterday's secondary western disturbance over north Afghanistan and adjoining areas has moved northeastwards and now lies over southeast Russian Turkistan and adjoining areas.

Isolated thunderstorm has been reported from Lahore division and scattered rain from Rawalpindi division.

Chief amounts of rainfall are Sylhet 4", Maijdee Court and Rangpur 3" each, Hatiya, Narayanganj and Dinajpur ½" each and Campbellpur ½".

Day temperatures were generally 3–8 °F (2–4 °C) above normal in Chittagong division and at a few places in Dacca division and in West Pakistan outside Sargodha, Bahawalpur, Kalat, Karachi and Khairpur divisions.

Forecast valid until the evening of the 26th August, 1971 :—Rain/thundershowers will be local over the coastal districts and scattered elsewhere over East Pakistan and in Lahore, Rawalpindi, Sargodha and Multan divisions and in adjoining Kashmir.

Karachi-32
The 25th August, 1971.

M. SHAHABUDDIN
for Director Meteorological Services.

OBSERVATIONS

At 12 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)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)° PPP (11)	Dry Bulb temperature° TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	060	4	7	18	05	97	29	9	060	75	6	9	4	1	1	75	87
	Cox's Bazar ...	000	0	7	18	07	97	02	2	044	81	5	5	4	4	0	75	88
	Chittagong ...	000	0	6	19	04	96	02	2	045	83	4	3	4	2	/	76	88
	Maijdee Court ...	040	9	8	18	02	96	03	2	034	83	4	2	5	2	/	75	83
	Comilla ...	000	0	5	00	00	96	02	2	048	85	5	4	5	0	0	77	88
	Brahmanbaria ...																	
	Sylhet ...	017	9	8	00	00	96	02	9	041	78	6	3	4	2		75	83
	Srimangal ...	027	9	7	00	00	96	61	9	045	78	4	9	3	3	1	77	88
Dacca	Mymensingh ...	000	0	4	00	00	97	01	1	036	90	4	5	5	0	0	83	94
	Narayanganj ...	005	0	8	13	02	95	03	2	035	82	8	7	3	2	1	77	82
	Dacca (Tejgaon) ...	008	8	7	18	05	97	02	6	031	83	5	0	9	4	2	63	85
	Faridpur ...	000	0	8	16	02	96	02	2	031	8	6	4	5	1	0	81	98
Khulna	Barisal ...	006	5	7	18	03	97	02	9	033	83	5	8	4		8	78	88
	Khulna ...	000	0	6	00	00	97	02	0	025	83	3	3	4	0	0	78	//
	Satkhira ...	000	0	4	18	03	97	03	2	054	93	3	2	9	2	9	78	90
	Jessore ...	000	0	7	13	02	96	03	2	026	85	2	4	5	3	0	77	88
Rajshahi	Pabna ...	000	0	3	18	02	99	01	2	///	83	3	8	6	0	0	77	90
	Sirajganj ...	000	0	8	00	00	96	02	2	028	85	7	0	8	4	0	78	85
	Rajshahi ...	000	0	8	09	//	96	02	2	022	86	3	2	5	3	2	77	52
	Bogra ...	000	0	7	13	02	96	03	2	026	85	2	4	5	3	0	77	8
	Dinajpur ...	002	1	7	00	00	96	02	6	016	85	7	0	9	2	1	78	90
	Rangpur ...	060	6	4	00	00	96	01	8	025	83	4	0	9	2	0	77	92
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	2	00	00	97	01	1	975	97	2	4	6	0	0	81	04
	Sialkot ...	000	0	0	00	00	98	01	0	980	93	0	0	9	0	0	80	93
Rawalpindi	Jhelum ...	000	0	0	13	01	97	01	0	964	98	0	0	9	0	0	79	03
	Islamabad ...																	
	Rawalpindi ...	000	0	1	36	02	97	02	0	964	96	1	1	6	0	0	75	97
	Campbellpur ...	000	0	0	18	02	98	00	0	///	//	0	0	9	0	0	//	04
Sargodha	Khushab ...	000	0	0	00	0	97	00	0	963	03	0	0	9	0	0	78	//
	Sargodha ...	000	0	1	05	03	97	01	0	962	03	1	1	6	0	0	75	06
	Lyallpur ...	000	0	0	00	00	98	00	0	961	97	0	0	9	0	0	56	98
Multan	Sahiwal ...																	
	Multan ...	000	0	0	00	00	97	02	0	965	02	0	0	6	0	0	73	08
	Leiah ...																	
Bahawalpur	Khanpur ...	000	0	0	00	00	..	//	/	970	06	0	0	9	0	0	64	07
	Bahawalpur ...	000	0	0	00	00	96	00	0	976	04	0	0	9	0	0	67	06
	Fort Abbas ...	000	0	0	00	00	98	00	0	969	18	0	0	9	0	0	98	//
Malakand	Chakdara ...	000	0	1	27	05	97	03	1	994	97	1	1	7	0	0	75	99
Peshawar	Peshawar ...	000	0	0	31	03	97	02	0	939	98	0	0	9	0	0	75	00
	Haripur ...	000	0	0	23	01	97	00	0	995	94	0	0	9	0	0	73	96
D.I. Khan	Bannu ...	000	[illegible]	2	13	01	99	01	1	978	03	0	0	9	0	7	71	03
	D.I. Khan ...	000	0	0	18	03	97	01	0	969	//	0	0	9	0	0	69	05
Quetta	Sibi ...																	
	Nokkundi ...	000	0	0	31	02	96	02	4	934	09	0	0	9	0	0	42	//
Kalat	Turbat ...	000	0	0	25	03	98	00	0	949	14	0	0	9	0	0	71	//
	Jiwani ...	030	0	3	23	12	96	03	1	024	85	3	6	5	0	0	75	//
	Pasni ...	000	0	0	27	04	97	00	0	///	//	0	0	9	0	0	67	//
	Ormara ...	000	0	4	27	12	96	06	6	095	//	1	6	6	0	0	75	90
	Lasbela ...	000	0	4	05	02	96	00	0	990	03	0	0	9	0	0	73	04
Karachi division	Karachi (Manora) ...																	
	Karachi (Airport) ...	000	0	3	25	16	96	02	0	011	87	3	6	5	0	0	78	93
Hyderabad	Nagarparker ...																	
	Chhor ...	030	0	5	23	07	96	03	0	996	97	3	5	6	3	0	70	99
	Hyderabad ...	000	0	9	23	07	97	02	0	998	98	0	0	9	0	1	73	04
	Badin ...	000	0	1	23	09	97	01	0	004	94	0	0	9	0	1	70	97
Khairpur	Padidan ...	000	0	2	18	03	96	01	0	973	05	0	0	9	0	0	64	06
	Nawabshah ...	000	0	1	13	05	96	01	0	985	04	0	0	9	0	0	79	05
	Sukkur ...	000	0	6	31	03	96	01	0	969	07	6	0	9	6	0	76	08
	Kashmore ...																	
	Jacobabad ...	000	0	2	18	05	96	05	0	968	04	0	0	9	0	3	71	05
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	3	11	09	97	01	1	439	74	3	1	4	0	0	63	74
Malakand	Drosh * ...	000	0	0	10	19	97	06	0	481	98	0	0	9	0	0	55	01
Peshawar	Cherat * ...	000	0	1	13	03	98	01	1	435	89	1	1	8	0	0	66	89
	Kakul * ...	000	0	1	18	05	95	05	1	435	84	1	1	6	0	0	63	89
	Landikotal * ...	000	0	0	18	03	98	01	2	439	93	0	0	9	0	0	72	95
	Parachinar * ...	000	0	2	13	02	97	02	0	449	84	2	1	6	0	0	61	86
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	446	99	0	0	9	0	0	65	99
	Wana * ...	000	0	0	13	04	98	00	0	391	89	0	0	9	0	0	79	96
Quetta	Fort Sandeman * ...	000	0	2	00	00	97	03	0	411	99	3	0	9	2	0	68	99
	Hindubagh * ...	000	0	0	34	20	98	02	0	///	99	0	0	9	0	0	63	00
	Loralai * ...																	
	Barkhan * ...																	
	Harnai * ...	000	0	0	13	01	96	02	0	426	99	0	0	9	0	0	77	00
	Samungli (Quetta) * ...	000	0	0	00	00	97	02	0	420	93	0	0	9	0	0	33	97
	Chaman * ...	000	0	0	00	00	95	00	0	421	03	0	0	9	0	0	74	03
	Nushki * ...	000	0	2	00	00	95	05	4	417	05	0	0	9	0	0	52	06
	Dalbandin * ...	000	0	3	23	03	94	05	0	438	07	3	0	9	4	0	69	09
Kalat	Kalat * ...	000	0	0	36	01	91	00	2	415	87	0	0	9	0	0	67	90
	Khuzdar * ...	000	0	4	13	07	97	03	0	413	95	1	1	7	3	0	58	97
	Panjgur * ...	000	0	4	23	22	96	03	0	433	98	2	5	6	2	0	60	//

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 degree 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 TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum temperature TnTn (38)	Rainfall: Since 1st June, 1971 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1971 to-date (41)	Annual Normal (42)
Chittagong	Rangamati ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
	Cox's Bazar ...	000	0	6	18	07	96	02	2	062	84	4	3	4	3	0	79	75	+ 3	— 1				140
	Chittagong ...	000	0	6	16	07	97	02	2	0-6	84	3	5	4	3	0	75	77	+ 2	+	112.3	+51.0	—	108
	Maijdee Court ...	310	2	8	00	00	94	61	6	044	77	6	7	5	2	/	58	77	+ 2	0				115
	Comilla ...	000	0	1	18	05	96	02	0	060	81	4	4	5	0	0	77	77	+ 1	+ 1				94
	Brahmanbaria ...																							78
	Sylhet ...	445	9	8	00	00	96	66	3	067	79	6	3	4	/	/	77	73	—	—				—
	Srimangal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					98
Dacca	Mymensingh ...	000	0	4	00	00	97	02	2	076	84	0	6	9	0	0	75	79	+ 7	+ 1				91
	Narayanganj ...	064	0	7	13	02	97	02	2	057	84	6	6	5	4	0	79	77	— 6	— 2				74
	Dacca (Tejgaon) ...	009	9	7	00	00	97	02	6	055	84	5	8	5	6	1	79	79	—	—	47.9	—	—	—
	Faridpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1					71
Khulna	Barisal ...	036	0	6	03	00	90	22	0	055	84	5	4	5	3	1	79	79	+ 1	+ 1				81
	Khulna ...	000	0	2	03	00	97	02	0	041	84	0	2	4	0	0	81	79	—	—				68
	Satkhira ...	000	0	2	18	03	97	02	2	056	84	4	9	2	3	0	79	79	—	—				65
	Jessore ...	030	0	6	13	05	96	02	2	052	64	5	6	4	2	0	77	79	0	0				65
Rajshahi	Pabna ...	030	0	5	13	01	99	03	1	///	84	5	8	6	0	0	79	61	—	—				59
	Sirajganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					64
	Rajshahi ...	000	0	8	09	02	96	51	2	049	82	6	4	5	3	0	79	81	—	—				—
	Bogra ...	000	0	7	13	02	96	02	2	055	82	2	4	5	3	0	79	79	— 3	+ 1				69
	Dinajpur ...	051	1	8	27	02	96	66	6	053	77	8	0	6	7	1	75	79	— 1	+ 1				72
	Rangpur ...	280	7	7	09	02	96	61	6	062	82	7	5	6	0	0	62	77	+ 3	0				84
Kashmir	Jammu ...																							—
Lahore	Lahore (Jail Rd.) ...	000	0	7	13	03	97	02	2	004	84	2	5	6	2	0	73	84	+ 7	+ 5	9.2	— 2.3	12.2	19
	Sialkot ...	000	3	8	09	05	97	02	9	019	81	3	5	6	2	1	77	80	— 1	+ 2	20.1	+ 1.6	30.0	32
Rawalpindi	Jhelum ...	000	0	6	13	05	97	03	1	006	84	2	5	6	7	0	77	83	—	—	13.1	—	17.8	—
	Islamabad ...																							—
	Rawalpindi ...	000	0	4	09	02	96	06	1	994	//	1	5	6	3	0	78	81	+ 4	+ 6	24.8	+ 6.7	28.1	36
	Campbellpur ...	037	3	2	05	01	97	00	0	///	77	0	0	9	0	0	77	72	—	—	—	—	—	—
Sargodha	Khushab ...	030	0	0	00	00	98	03	0	001	92	0	0	9	0	0	63	//	—	—	0.9	— 7.6	1.6	15
	Sargodha ...	000	0	2	09	03	96	04	0	993	87	1	0	9	3	1	81	85	—	—	6.2	—	10.2	—
	Lyallpur ...	000	0	5	29	02	97	02	1	975	86	0	0	9	0	0	79	82	0	+ 3	5.1	— 2.1	80.4	12
Multan	Sahiwal ...																							10
	Multan ...	000	0	0	18	02	96	02	0	979	92	0	0	9	0	0	72	87	+ 8	+ 5	2.5	— 1.8	3.1	7
	Leiah ...																							8
Bahawalpur	Khanpur ...	000	0	0	23	05	96	02	0	992	87	0	0	9	0	0	73	84	—	—	1.1	— 3.5	1.5	6
	Bahawalpur ...	000	0	0	00	00	96	00	0	979	//	0	0	9	0	0	//	85	—	—	0.0	— 3.9	2.1	6
	Fort Abbas ...	000	0	0	23	02	98	00	0	958	92	0	0	9	0	0	83	82	—	—	—	—	—	8
Malakand	Chakdara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	9.2	—	12.0	—
Peshawar	Peshawar ...	000	0	6	00	00	97	02	2	954	86	2	9	0	9	3	77	12	+ 3	+ 5	3.9	+ 0.5	13.4	11
	Haripur ...	000	4	5	05	03	98	03	2	003	89	5	0	9	1	0	72	77	—	—	23.6	—	31.5	—
D.I. Khan	Bannu ...	000	0	0	08	05	99	00	1	993	54	0	0	9	0	0	73	82	—	—	4.9	—	7.3	11
	D.I. Khan ...	000	0	0	13	02	96	05	0	986	89	0	0	9	0	0	77	86	+ 5	+ 5	1.8	— 2.7	4.0	9
Quetta	Sibi ...																							5
	Nokkundi ...	000	0	3	36	07	96	02	0	973	94	0	0	9	0	8	48	13	—	—	0.0	—	0.2	2
Kalat	Turbat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	—	0.0	—
	Jiwani ...	000	0	5	23	05	96	03	6	033	62	5	6	5	0	0	75	79	—	—	0.0	—	1.5	5
	Pasni ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—	—	0-0	6
	Ormara ...	030	0	1	27	17	96	02	2	016	//	1	6	6	0	0	76	//	—	—	0.0	— 0,8	0.0	6
	Lasbela ...	000	0	2	00	00	98	01	1	953	81	0	0	9	0	0	75	79	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora) ...																				—	—	—	8
	Karachi (Airport) ...	000	0	6	27	12	96	03	2	022	92	4	6	4	3	0	68	77	—	—	1.3	— 4.1	1.5	—
Hyderabad	Nagarparker ...																				—	—	—	—
	Chhor ...	000	0	3	23	07	96	03	0	007	82	2	5	6	3	0	75	79	—	—	3.0	—	3.0	7
	Hyderabad ...	000	0	6	23	09	97	03	4	008	83	2	0	9	3	1	73	81	+ 9	+ 2	1 8	— 3.5	2.2	9
	Badin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	1.7	—
Khairpur	Padidan ...	000	0	6	13	05	96	03	1	989	87	0	0	9	0	1	73	81	—	—	0.2	—	0.2	—
	Nawabshah ...	000	0	4	18	05	96	03	0	998	86	0	0	9	0	0	78	80	—	—	0.6	—	0.6	4
	Sukkur ...	000	0	6	23	05	96	03	0	989	89	6	0	9	6	0	76	86	—	—	1,8	—	2.2	—
	Kashmore ...																				—	—	0.0	4
	Jacobabad ...	000	0	3	13	05	96	05	0	989	89	0	0	9	0	1	74	80	+ 1	— 1	2.6	+ 0.5	2.6	20
Junagadh	Veraval ...																							26
	HILL STATIONS																							—
Kashmir	Srinagar * ...																							71
	Gulmarg ** ...																							26
	Sonamarg ** ...																							3
	Dras ** ...																							6
	Leh ** ...																							—
	Skardu * ...																							—
	Misgar ** ...																							5
	Aliabad * ...																							59
	Gilgit * ...																							18
Rawalpindi	Murree * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1		—	—	44.2	29
Malakand	Drosh * ...	000	0	6	00	00	96	06	1	398	81	5	3	5	6	0	61	//	+ 7	—	1.6	—	10.1	—
Peshawar	Cherat * ...	000	0	8	18	05	97	03	2	449	76	8	3	9	0	0	74	75	+ 3	+ 6	10.4	+ 1.6	18.0	—
	Kakul * ...	000	0	7	20	02	95	05	2	444	78	6	7	5	2	0	67	75	—	—	33.1	—	39.1	29
	Landikotal * ...	000	0	1	09	05	98	03	0	473	85	1	0	9	3	0	71	77	—	—	10.5	—	20.5	13
	Parachinar * ...	000	0	0	13	02	97	01	0	350	77	0	0	9	0	0	68	70	+ 1	+ 6	10 5	—	16.1	11
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	428	86	0	0	9	0	0	70	72	—	—	0.9	— 2.6	1.8	13
	Wana * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	1.6	—
Quetta	Fort Sandeman * ...	000	0	0	05	02	97	02	0	480	83	0	0	9	0	0	61	76	+ 3	+ 4	1.9	— 2.4	3.2	9
	Hindubagh * ...	000	0	0	34	02	98	02	0	///	84	0	0	9	0	0	50	67	—	—	0.4	—	2.3	—
	Loralai * ...																				—	—	—	14
	Barkhan * ...																				—	—		9
	Harnai * ...	000	0	0	05	01	96	02	0	408	85	0	0	9	0	0	72	82	—	—	0.0	— 6.1	0.2	8
	Samungli (Quetta) * ...	000	0	0	00	00	98	02	0	444	70	0	0	9	0	0	68	64	+ 6	0	0.0	— 0.9	3.7	—
	Chaman * ...	000	0	0	00	00	98	00	0	451	82	0	0	9	0	0	60	79	+ 6	+ 10	0.0	— 0.1	2.0	—
	Nushki * ...	000	0	0	00	00	95	05	4	488	88	0	0	9	0	0	40	84	—	—	0.0	—	1.5	4
	Dalbandin * ...	000	0	0	05	03	95	05	0	435	86	0	0	9	0	4	69	79	+ 5	+ 10	0.0	— 0.3	0.5	7
Kalat	Kalat * ...	000	0	0	18	05	94	00	2	437	72	0	0	9	0	0	44	71	0	+ 21	0.0	— 1.1	1.4	—
	Khuzdar * ...	000	0	2	31	05	96	02	0	425	79	0	0	9	1	0	65	78	—	—	1.4	—	1.7	5
	Panjgur * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	0.0	—

† 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 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

When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 25th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels												
		Surface	1000mb	850mb	700mb	500mb	400mb	300mb	200mb	150mb	100mb	70mb	50mb	30mb
		PoPoPoToToToDoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	003 266 23	...	450 168 11	108 094 17	583 047 19	755 173 66	968 295 //	244 52! //	424 689 //	..	...	...	...
Dacca ...	00 00	004 264 16	...	370 172 16	070 090 //	577 067 //	749 161 //	960 283 //	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...														
Multan ...														
Peshawar ...	00 00	957 286 43	...	400 270 57	096 148 41	587 012 63	763 103 //	979 261 //	261 461 //	446 611 //	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT_a DD							Max. Wind Speed PmPmPmdmdmfmfmfm	TROPOPAUSE First PtPtPtTtTtTat	Transition dtdtftftft	Second $P_tP_tP_tT_tT_tT_t$	Transition dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms. a.s.l.→	At 1200 hrs. G.M.T. † of Previous day (ddfff) 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 (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	250 04	265 04	285 07	300 04	305 05	295 08	335 09	360 09	...	360 09	360 10	...	...	...
Chhor ...	235 09	230 07	310 05	095 03	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	185 1[illegible]	185 17	165 18	150 08	155 16	...	...	...	...	150 06	160 12	160 07	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	165 19	165 16	145 16	150 14	205 17	135 24	...	...	.	165 13	165 17	190 17	190 07	270 07	270 04
Dacca ...	190 15	205 15	215 12	220 1[illegible]	210 10	170 03	265 03	...	...	130 03	130 07	135 13	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	065 05	013 10	305 19	320 27
D. I. Khan ...	195 11	190 11	175 08	160 13	145 13	165 13	340 07	330 15	335 15	130 12	140 09	150 07	180 07	210 06	240 07
Drosh ...	...	..	...	233 15	210 13	210 09	350 03	355 13	320 13	...	...	...	220 05	220 09	65 09
Fort Sandeman ...	...	..	...	...	...	...	...	...	...	...	...	...	050 07	035 05	275 13
Gilgit ...	...	..	...	...	...	...	...	...	...	...	..	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	100 05	175 06	170 08	160 10	165 06	345 10	025 07	020 20	050 15	190 17	200 20	165 20	125 04	.	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	115 09	135 07	190 04	230 08	320 15	240 09	335 14	295 12	300 10	130 11	170 13	175 07	240 15	275 07	340 11
Jiwani ...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	260 20	265 20	275 15	...	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	230 04	225 05	225 04	220 03	225 02	330 03	354 06	345 09	335 10	210 08	210 07	210 09	220 13	255 13	245 0[illegible]
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	385 05	275 15	330 26
Lahore ...	085 06	095 08	090 07	060 04	050 04	...	...	...	...	170 09	175 12	175 15	210 24	215 15	320 09
Multan ...	330 03	315 01	310 01	130 02	025 10	360 08	355 10	025 16	035 17	160 06	210 04	180 04	23[illegible] 06	260 07	330 09
Nawab Shah ...	180 06	180 05	145 03	030 02	025 05	045 12	065 16	090 14	110 16	225 17	225 11	205 13	130 12	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...	No	Ascent	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	065 06	155 06	185 07	275 05	315 12	335 07	315 11	305 14	...	...	...	230 08	300 11	335 08
Parachinar ...	...	...	...	...	...	...	...	...	...	...	300 06	210 06	140 02	125 05	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	320 05	300 07
Sargodha ...	045 03	145 04	165 03	250 03	340 04	325 08	350 11	310 03	310 06	090 08	185 12	205 16	240 09	250 10	360 08
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Varaval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in kms. a.s.l.→	At 0600 hrs. G.M.T. † of date (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	..	..
Bogra ...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	145 19	175 16	185 15	...	..	...	...	...	...	..
Chhor ...	...	...	..	..	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	..
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	150 06	150 07	165 10	145 15	130 13	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	..
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	..
Fort Sandeman ...	...	...	...	...	...	...	...	...	..	..	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	.	...
Jacobabad ...	205 11	205 19	205 11	205 08	205 06	265 10	200 16	065 15	075 17	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	235 13	225 14	...	...	...	...	...	...	...	...	...
Karachi ...	2[illegible]0 22	270 21	275 15	...	...	..	...	...	...	...	...
Khanpur ...	...	.	..	..	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	095 10	110 10	140 08	...	...	...	...	...	...	...	...
Multan ...	190 10	185 09	170 15	210 10	190 03	195 02	350 11	075 14	...	...	...
Nawab Shah ...	150 07	155 08	145 08	135 07	095 08	055 17	065 18	025 17	075 15	...	...
Nokkundi ...	...	...	...	...	...	.	...	...	...	...	...
Panjgur ...	..	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	030 05	320 03	235 08	245 08	215 07	235 04	235 07	330 15	...	...
Parachinar ...	...	...	..	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	..	...	...	...	...	...
Sargodha ...	070 06	105 07	120 02	205 04	250 03	345 02	345 20	325 07	245 14	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...
Varaval ...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.6	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V_r V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

T_a—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

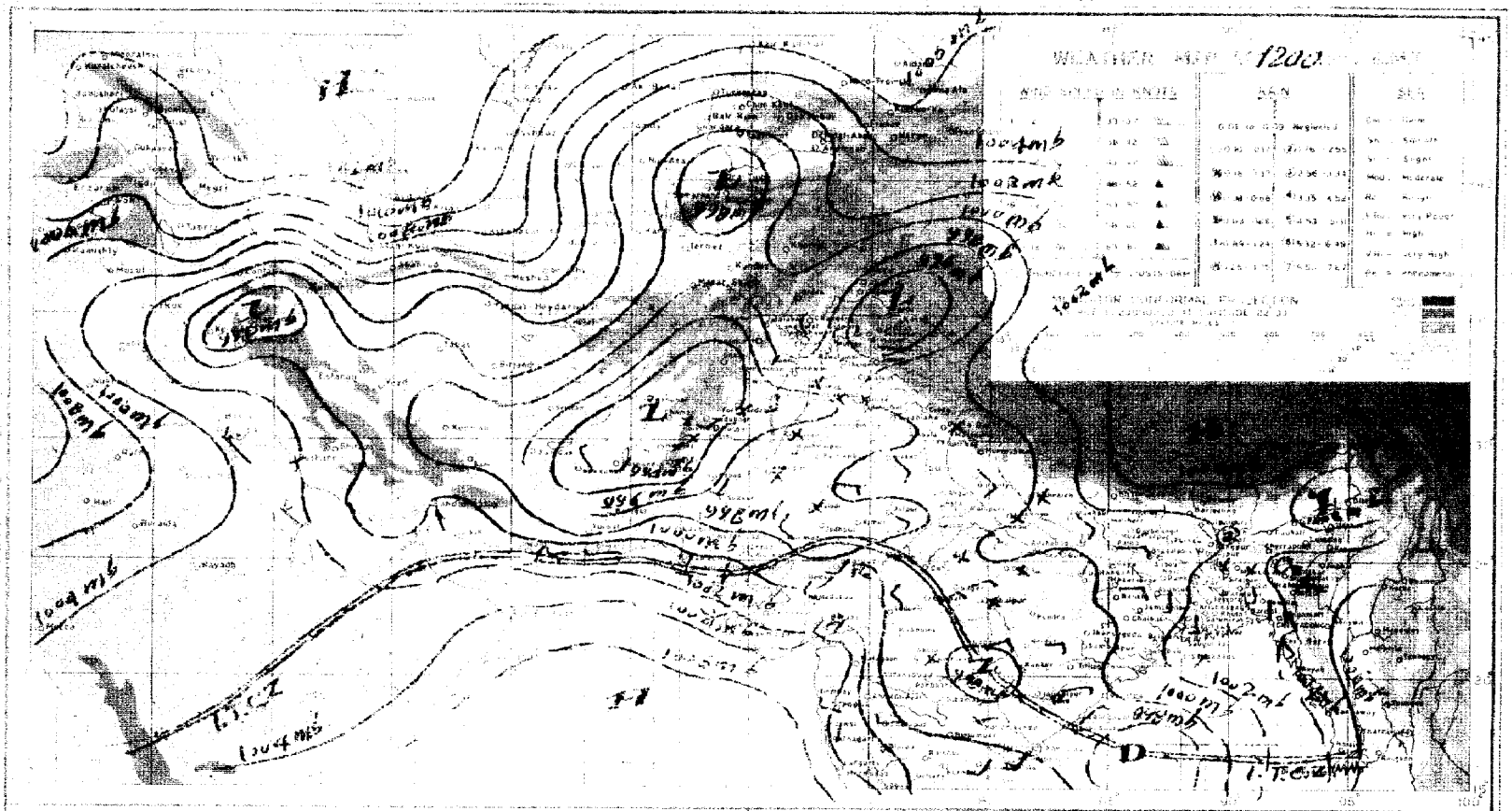
The actual time of observations may vary within half an hour of the specified time.

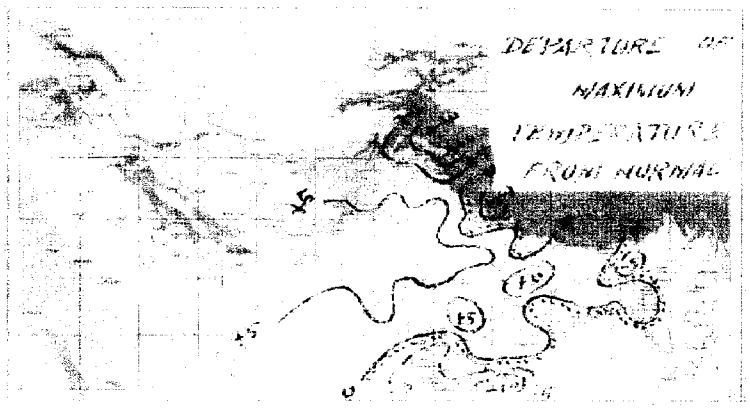
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

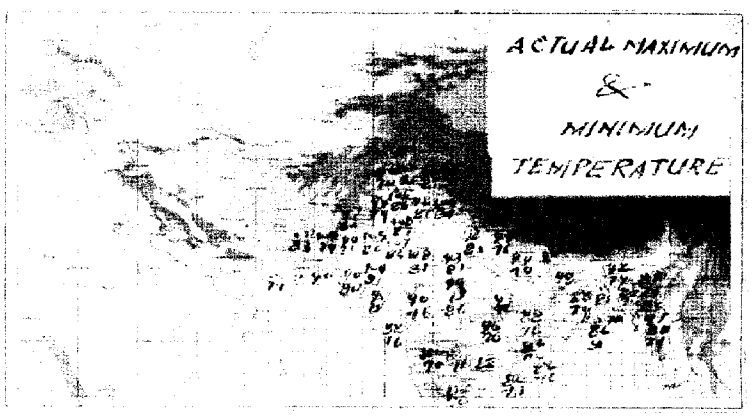
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

PAKISTAN DAILY WEATHER MAP

TUESDAY 24th AUGUST 1971

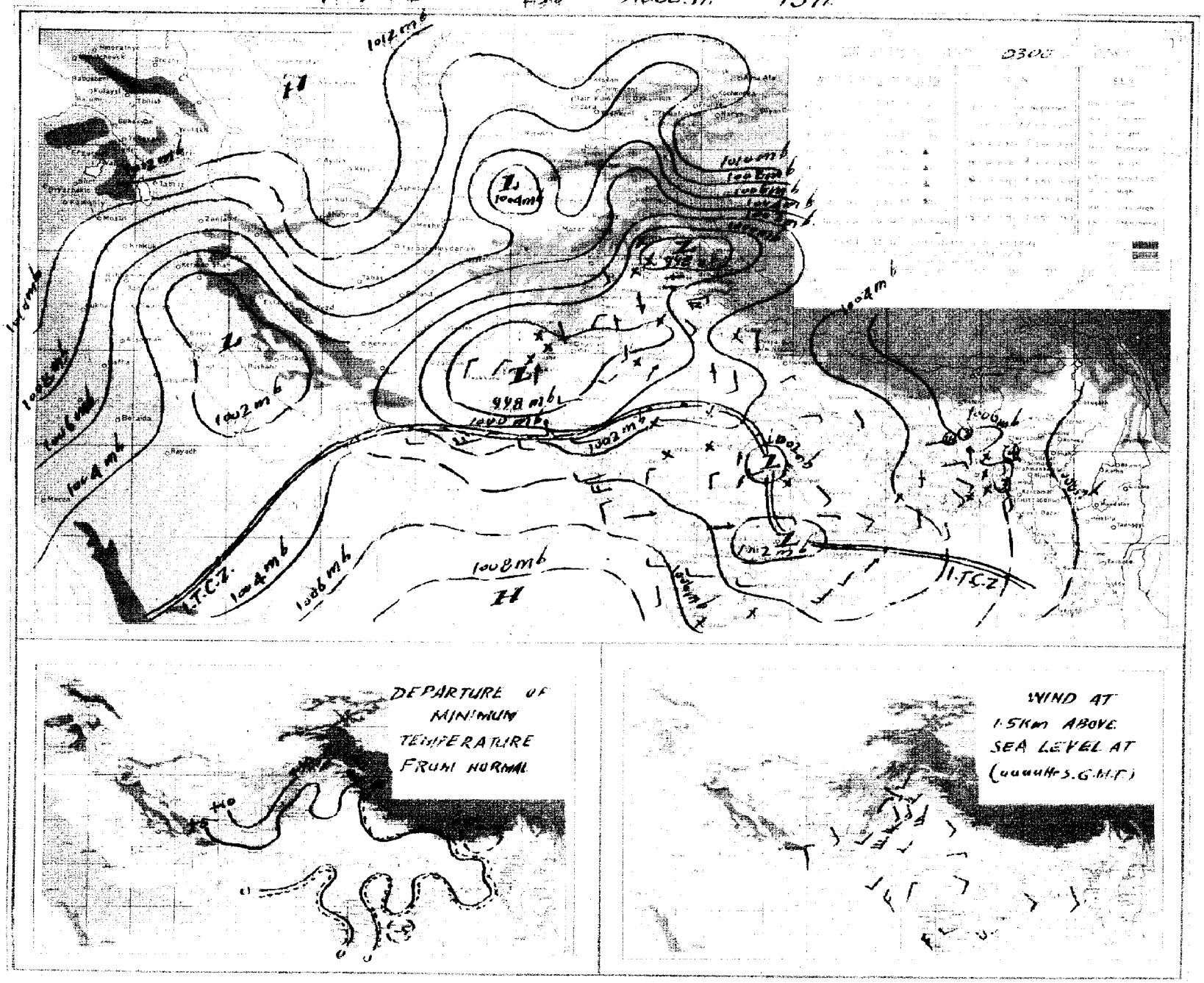






PAKISTAN DAILY WEATHER MAP

WEDNESDAY 25th AUGUST 1971.



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

TUESDAY THE 24th AUGUST, 1971.

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

Observations lacking but believe yesterday's depression in West central Bay of Bengal has moved in a westerly direction and now lies at 24,0300 G.M.T. within one degree of latitude 15.5° N and longitude 86° E. It is likely to move westnorthwestwards and may weaken.

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

Yesterday's weakening low over southeast Uttar Pradesh and adjoining areas become unimportant last evening.

Yesterday's secondary western disturbance over East Russian Turkistan and its associated trough over northern areas of West Pakistan and Kashmir have moved away eastwards

A fresh secondary western disturbance today lies over north Afghanistan and adjoining areas.

Weather has remained dry over West Pakistan except for isolated falls of light rain in Lahore division.

Chief amounts of rainfall are Hatiya, Bhola, Comilla and Barisal ¼" each.

Day temperatures were 3-6 °F (2-3 °C) above normal in Chittagong, northern Dacca, Multan, Malakand, D. I. Khan, Quetta and Hyderabad divisions.

Forecast valid until the evening of the 25th August, 1971 :— Rain/thundershowers will be local in Chittagong division and scattered elsewhere over East Pakistan and in Malakand, Peshawar and D. I. Khan divisions

Earth Quake Report: The seismographs of the geophysical centre, Quetta have recorded an earthquake of severe intensity on 23rd August, 1971 at 09 hours 20 minutes WPST. Its epicentre lies about 5500 miles southeast of Quetta near New Guinea.

Karachi-32
The 24th August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds 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 from † (GL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total Cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud from † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of Maximum temperature (TxTx)	Departure from Normal of Minimum temperature (TnTn)	Rainfall Since 1st June, 1971 to-date	Departure from normal	Since 1st January, 1971 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	000	1	6	16	02	97	29	1	042	96	4	9	5	7	4	84	92	020	9	3	18	02	98	01	9	082	82	3	4	6	7	1	82	77	—	—				—
	Cox's Bazar	000	0	6	18	14	97	03	2	038	84	3	3	4	3	0	75	86	000	0	6	13	05	97	02	2	072	84	3	4	4	3	0	73	77	+ 1	—				140
	Chittagong	000	0	7	20	07	97	02	2	041	84	1	2	5	0	4	75	89	000	0	6	16	09	97	02	1	065	84	1	1	6	3	2	73	72	+ 3	— 4	112.3	+51.6	—	108
	Maijdee Court	000	9	2	18	02	97	01	0	033	84	0	0	9	0	2	73	87	010	9	6	18	02	96	03	2	142	[illegible]	4	2	5	2	0	77	75	+ 2	— 2				115
	Comilla	000	0	0	00	00	96	02	0	038	82	0	0	9	0	0	79	99	020	6	4	08	05	96	02	6	068	82	4	4	5	0	0	79	77	+ 3	+ 3				94
	Brahmanbaria																																								78
	Sylhet	000	0	7	00	00	97	02	2	025	84	2	2	6	3	1	79	86																		—					—
	Srimangal																		000	9	4	13	02	96	02	2	069	81	0	0	5	5	4	77	77	—	+ 1				98
Dacca	Mymensingh	000	0	3	00	00	97	01	1	031	85	3	5	6	0	0	81	94	000	0	6	00	00	97	02	2	067	84	6	4	4	0	0	79	81	+ 2	+ 3				91
	Narayanganj	000	0	5	18	02	95	02	2	029	86	4	3	6	1	1	77	86																		— 2					74
	Dacca (Tejgaon)																		000	0	7	18	02	97	02	2	062	84	6	3	4	7	3	79	82	—	—	47.8	—	—	—
	Faridpur	000	0	4	16	02	96	02	2	018	86	2	4	5	1	0	77	87	010	2	6	16	02	97	02	6	057	[illegible]	4	4	5	1	0	77	77		0 — 2				71
Khulna	Barisal	025	7	6	00	00	97	02	6	032	84	2	4	5	3	1	79	85	025	0	8	18	05	97	02	2	067	84	3	4	5	1	1	79		— 2	—				81
	Khulna	000	0	4	00	00	97	02	0	038	86	2	2	4	0	0	81	90	000	0	2	13	05	97	02	0	061	86	0	2	4	0	0	81	79	—	—				68
	Satkhira																		000	0	3	00	00	97	03	2	049	84	4	3	9	2	2	79	77	—	—				65
	Jessore	012	5	6	13	05	96	02	6	026	79	4	6	4	2	0	75	87	012	0	7	09	03	96	03	2	058	82	6	6	3	2	0	77	79	— 1	0				65
Rajshahi	Pabna	000	0	4	13	02	98	01	2	[illegible]	86	2	2	6	0	0	79	91	000	0	4	18	02	96	03	1	[illegible]	84	4	8	6	0	0	79	81	—	—				59
	Sirajganj	000	0	4	18	02	97	01	2	026	84	4	2	5	0	0	79	84																							64
	Rajshahi	000	0	7	13	03	96	02	2	015	84	4	5	5	0	1	75	90	000	0	3	03	03	96	02	0	054	82	4	5	3	3	1	77	79	—	—				—
	Bogra	000	0	6	13	03	96	02	2	019	86	5	4	4	3	0	77	90	003	7	8	05	02	96	02	2	061	81	2	6	4	7	0	77	79	— 2	+ 1				69
	Dinajpur	000	9	5	00	00	96	01	1	992	87	5	0	9	2	1	79	92																		— 3					72
	Rangpur																																								84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	3	3	00	00	97	01	6	997	96	7	5	7	3	7	57	98	000	0	1	23	03	97	02	1	016	89	1	0	9	3	0	76	85	+ 11	+ 6	9.2	— 2.2	12.2	19
	Sialkot	000	0	0	00	00	98	02	1	995	97	0	0	9	0	0	78	89	000	0	5	09	03	97	03	1	029	83	5	4	6	0	0	79	81	— 5	+ 3	20.1	+ 1.9	30.0	32
Rawalpindi	Jhelum	000	0	0	31	02	97	01	0	991	97	0	0	9	0	0	74	00	000	0	3	09	02	97	01	1	018	89	3	0	9	7	0	79	83	—	—	13.1	—	17.8	—
	Islamabad																																								—
	Rawalpindi	000	0	4	00	00	97	03	1	997	90	0	0	9	0	1	76	91	000	0	1	03	00	96	06	1	019	84	1	0	9	3	0	76	78	— 2	+ 3	24.8	+ 6.9	28.1	36
	Campbellpur	000	0	0	18	01	98	00	0	[illegible]	99	0	0	9	0	0	[illegible]	01	000	0	0	18	01	97	00	0	[illegible]	80	0	0	0	0	0	[illegible]	73	—	—	—	—	—	—
Sargodha	Khushab	000	0	0	00	00	98	00	0	985	00	0	0	9	0	0	73	02	000	0	0	05	01	97	06	0	998	[illegible]	0	0	9	0	0	83	77	+ 3	— 4	0.9	— 7.5	1.6	15
	Sargodha	000	0	3	05	03	97	03	0	997	01	1	1	6	0	1	74	04	000	0	1	36	03	96	06	1	011	81	1	1	6	0	1	79	84	—	—	6.2	—	10.2	—
	Lyallpur	000	0	5	07	04	97	02	1	989	93	5	0	9	4	0	63	98	000	0	0	00	00	97	00	0	010	91	0	0	9	0	0	75	[illegible]	0	—	5.1	— 2.0	60.4	12
Multan	Sahiwal																																								10
	Multan	000	0	2	18	03	96	01	0	985	00	2	1	6	0	0	71	05	000	0	....	....	....	....	....	....	004	[illegible]	0	0	9	0	0	[illegible]	84	+ 5	+ 2	2.5	— 1.8	3.1	7
	Leiah																																								8
Bahawalpur	Khanpur																																					—	—	0.0	6
	Bahawalpur	000	0	0	00	00	96	00	0	987	99	0	0	9	0	0	69	01	000	0	0	00	00	96	00	0	015	93	0	0	9	0	0	07	83	—	—	0.0	— 3.9	2.1	6
	Fort Abbas																																					—	—	—	8
Malakand	Chakdara	000	0	1	27	05	97	03	1	997	95	1	1	7	0	0	83	96	000	0	7	09	05	97	02	2	003	79	7	0	9	7	0	74	77	—	—	9.2	—	12.0	—
Peshawar	Peshawar	000	0	0	05	03	95	05	0	975	96	0	0	9	0	0	77	99	000	0	0	00	00	96	05	0	009	85	0	0	9	0	0	79	81	+ 2	+ 4	3.9	+ 0.5	13.4	11
	Haripur	000	0	0	13	03	97	00	0	015	92	0	0	9	0	0	75	94	000	0	0	05	03	98	00	0	021	85	0	0	9	0	0	71	76	—	—	23.6	—	31.5	—
D. I. Khan	Bannu	000	0	0	13	01	99	00	1	020	00	0	0	9	0	0	76	01	000	0	3	00	00	99	03	0	020	82	0	0	9	0	5	[illegible]	81	—	—	4.9	—	7.3	11
	D. I. Khan	000	0	0	00	00	97	02	0	980	01	0	0	9	0	0	74	03	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	+ 3	—	1.8	— 2.7	4.0	—
Quetta	Sibi																																								9
	Nokkundi	000	0	0	27	09	95	05	4	927	09	0	0	9	0	0	34	10	000	0	4	04	05	95	05	4	998	86	0	0	9	0	0	75	82	—	—	0.0	—	0.2	5
Kalat	Turbat	000	0	0	25	06	98	00	0	963	10	0	0	9	0	0	89	[illegible]	000	0	1	16	02	96	02	0	064	84	0	0	9	0	0	79	82	—	—	0.0	—	0.0	2
	Jiwani	000	0	2	18	06	96	03	1	023	85	2	6	5	0	0	73	88	000	0	7	23	02	96	03	1	055	81	4	6	5	3	0	74	78	—	—	0.0	—	1.5	—
	Pasni	000	0	0	27	02	97	00	0	142	[illegible]	0	0	9	0	0	67	[illegible]	000	0	2	27	02	97	02	0	142	[illegible]	6	9	7	2	0	[illegible]	[illegible]	—	—	0.0	— 0.9	0.0	5
	Ormara	000	0	1	23	10	96	20	2	011	86	1	6	6	0	0	23	90	000	0	5	27	10	96	02	2	042	82	1	6	6	3	0	75	[illegible]	—	—	0.0	— 0.8	0.0	6
	Lasbela	000	0	2	05	02	98	00	0	993	02	0	0	9	0	0	71	03	000	0	2	00	00	98	00	0	048	79	0	0	9	0	0	79	78	—	—	0.0	—	0.0	6
Karachi division	Karachi (Manora)																																								8
	Karachi (Airport)	000	0	5	23	10	96	03	0	020	87	3	6	5	3	0	74	89	000	0	5	27	09	96	03	1	044	82	5	6	5	0	0	75	79	—	—	1.3	— 4.1	1.5	8
Hyderabad	Nagarparkar																																					—	—	—	—
	Chhor	000	0	0	23	02	96	00	0	012	90	0	0	9	0	0	85	91	000	0	6	23	10	96	02	2	042	82	1	6	6	3	0	75	[illegible]	—	—	3.0	—	3.0	7
	Hyderabad	000	0	3	23	05	97	03	0	020	99	0	0	9	0	1	68	00	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	+ 5	—	—	— 2.2	—	9
	Badin	000	0	4	23	05	97	03	0	017	94	4	4	6	0	0	69	97	000	0	3	23	09	96	03	0	043	82	1	0	9	2	6	73	79	—	—	1.7	— 4.0	1.7	—
Khairpur	Padidan	000	0	7	18	02	96	03	1	995	09	4	4	7	2	0	67	03	000	0	2	13	02	96	03	0	012	85	0	0	9	0	4	72	81	—	—	0.2	—	0.2	—
	Nawabshah	000	0	5	13	05	96	03	1	005	97	4	0	9	2	0	76	01	000	0	3	00	00	96	03	0	018	85	0	0	9	0	2	76	78	—	—	0.6	—	0.6	4
	Sukkur	000	0	6	23	03	96	03	0	960	01	6	0	9	6	0	70	02	000	0	6	23	05	96	03	0	008	89	6	0	9	6	0	75	84	—	—	1.8	—	2.2	—
	Kashmore																																					—	—	0.0	4
	Jacobabad	000	0	0	13	05	96	05	1	987	01	3	0	9	3	4	63	03	000	0	3	13	03	96	05	1	007	88	0	0	9	0	4	75	84	— 1	+ 3	2.6	+ 0.5	2.6	20
Junagadh	Veraval																																								26
	HILL STATIONS																																								
Kashmir	Srinagar *																																								71
	Gulmarg **																																								26
	Sonamarg																																								3
	Dras **																																								6
	Leh **																																								—
	Skardu																																								—
	Misgar **																																								5
	Allabad **																																								59
	Gilgit *																																								18
Rawalpindi	Murree	000	0	4	01	05	98	01	1	441	73	4	5	4	0	0	64	73	000	0	6	11	09	97	02	1	478	65	5	5	3	7	7	67	[illegible]	0	—	34.8	+ 6.7	44.2	29
Malakand	Drosh *	000	0	2	23	09	97	06	0	406	98	2	2	7	0	0	51	99	000	0	6	00	00	96	02	0	526	[illegible]	6	9	5	1	5	[illegible]	[illegible]	+ 5	—	1.6	—	10.1	—
Peshawar	Cherat *	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	000	0	0	18	05	98	00	0	455	77	0	0	9	0	0	68	74	—	+ 5	10.4	+ 1.9	18.0	—
	Kakul *	021	0	2	13	09	95	05	1	452	82	1	1	6	3	0	76	86	000	0	6	18	02	95	05	2	464	79	4	4	5	3	0	68	72	—	—	33.1	—	39.1	29
	Landikotal *	000	0	1	18	05	98	01	2	458	91	0	0	9	3	0	71	93	000	0	4	09	05	97	02	2	470	80	4	4	4	0	0	70	76	—	—	10.5	—	20.5	13
	Parachinar *	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	000	0	0	00	00	97	02	0	470	76	0	0	9	0	0	57	69	—	+ 5	10.5	—	18.1	11
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	461	96	0	0	9	0	0	72	96	000	0	0	05	05	99	00	0	437	84	8	0	9	0	0	66	70	—	—	0.9	— 2.6	1.8	13
	Wana *	000	0	2	13	04	98	03	0	426	91	2	5	8	0	0	76	93	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	—	—	0.9	—	1.6	—
Quetta	Fort Sandeman *	000	0	0	23	16	97	01	0	428	94	4	2	7	0	0	59	96	000	0	0	13	02	97	02	0	451	81	0	0	9	0	0	59	75	0	+ 3	1.9	— 2.4	3.2	9
	Hindubagh *	000	0	0	02	09	98	02	0	[illegible]	92	0	0	9	0	0	61	95	000	0	0	11	02	98	02	0	[illegible]	77	0	0	9	0	0	55	64	—	—	0.4	—	2.3	—
	Loralai *																																								14
	Barkhan *																																								9
	Harnai *	000	0	0	11	01	96	02	0	424	95	0	0	9	0	0	77	98	000	0	0	31	01	96	02	0	444	79	0	0	9	0	0	70	79	—	—	0.0	— 6.0	0.2	8
	Samungli (Quetta) *	000	0	0	18	05	97	02	0	421	92	0	0	9	0	0	43	97	000	0	0	18	02	95	02	0	464	74	0	0	9	0	0	54	67	+ 6	+ 3	0.0	— 0.9	3.7	—
	Choman *	000	0	0	27	03	96	00	0	413	01	0	0	9	0	0	75	02	000	0	0	00	00	98	00	0	451	82	0	0	9	0	0	47	78	0	+ 9	0.0	— 0.1	2.0	—
	Nushki *	000	0	2	31	03	94	05	0	469	03	0	0	9	0	0	32	05	000	0	0	18	02	95	05	4	4.8	88	0	0	9	0	0	40	84	—	—	0.0	—	1.5	4
	Dalbandin *	000	0	0	23	07	94	05	0	444	07	0	0	9	0	0	32	09	000	0	0	00	00	94	05	0	453	84	0	0	9	0	0	46	79	+ 5	+ 10	0.0	— 0.3	0.5	7
Kalat	Kalat *	000	0	5	00	00	91	00	2	404	85	0	1	9	0	0	53	88	000	0	4	18	02	92	00	2	648	70	0	1	9	0	0	54	69	— 2	+ 19	0.0	— 1.1	1.4	—
	Khuzdar *	000	0	2	13	10	97	03	0	422	93	1	1	7	3	0	57	94	000	0	0	00	00	96	02	0	438	79	0	0	9	0	0	75	77	—	—	1.4	—	1.7	5
	Panjgur *	000	0	6	31	03	96	05	1	429	98	4	4	6	4	0	60	99	000	0	0	00	00	96	02	0	458	76	0	0	9	0	0	70	73	+ 1	+ 3	0.0	—	0.0	—

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 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

When over 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 24th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$ N	dd FF	VV $_w$ $_w$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$01_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface $P_oP_oP_oT_oT_oT_oD_oD_o$	1000mb hhh TTTa DD	850mb	700mb	500mb	400mb	300mb	200mb	150mb	100mb	70mb	50mb	30mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	003 450 08	...	450 158 12	087 076 30	579 073 45	750 155 //	961 295 57	238 527 //	416 695	..	...	...	...
Dacca ...														
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	001 264 44	...	430 214 59	103 108 55	583 045 64	756 151 //	967 301	242 495	429 537 //	...	...	...	...
Multan ...														
Peshawar ...	00 00	960 272 22	...	380 246 57	099 130 57	587 001 //	761 117 //	975 265 //	255 483 //	...	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTTa DD							Max. Wind Speed $P_mP_mP_md_md_mf_mf_mf_m$	TROPOPAUSE First $P_tP_tP_tT_tT_tT_{at}$	Transition $d_td_tf_tf_tf_t$	Second $P_tP_tP_tT_tT_tT_t$	Transition dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

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

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 1	2	3	4	5	6	7	8	9	10
Barisal ...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	225 03	300 05	310 13	305 15	255 19	235 11	...	...
Chhor ...	235 08	235 06	285 02	080 10	070 10	060 10	...	...	...
Chittagong ...	220 12	215 17	205 17	185 12	155 12	160 12	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	170 27	160 25	155 27	145 25	140 16	155 19	170 35	...	...
Dacca ...	180 13	180 10	180 08	165 13	170 20	170 21	170 23	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...
Jiwani ...	195 07	180 07	180 07	105 09	055 15	065 21	055 23	...	...
Karachi ...	050 09	255 05	235 03	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	045 02	360 04	340 04	320 04	340 06	355 08	...	...	...
Multan ...	310 07	290 04	290 02	050 02	080 12	030 16	355 13	360 18	345 22
Nawab Shah ...	165 03	165 03	130 03	110 04	080 03	065 07	070 06	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	055 06	135 06	205 08	290 03	125 05	115 06	035 06	010 10
Parachinar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	170 08	195 02	360 04	055 05	115 07
Sargodha ...	050 04	045 06	050 03	185 07	275 02	310 06	345 01	315 03	020 02
Skardu ...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (ddfff)

Height in kms. a.s.l.→	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...
Chaklala ...	...	095 04	115 05	160 07	185 10	210 13
Chhor ...	200 15	215 18	270 18	...	...	...
Chittagong ...	125 07	155 10	165 09	...	...	...
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...	140 15	150 23	160 27	190 22	...	...
Dacca ...	185 04	190 10	190 13	200 15	...	...
Dalbandin ...	..	...	195 01	045 09	040 04	...
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	230 06	220 07	205 08
Gilgit ...	...	...	...	270 03	200 06	275 11
Ishurdi ...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...
Jiwani ...	200 08	2 0 08	215 07	100 08	...	...
Karachi ...	...	...	...	...	...	...
Khanpur ...	205 10	210 14	205 16	210 18	255 14	295 10
Khuzdar ...	...	...	...	270 09	360 02	065 09
Lahore ...	...	...	...	...	...	...
Multan ...	150 07	135 10	160 06	290 04	110 07	055 05
Nawab Shah ...	230 14	240 15	215 14	165 06	140 04	080 13
Nokkundi ...	No	Ascent	...	...	...	...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	325 03	135 02	200 04	210 08	030 05
Parachinar ...	...	...	...	...	...	...
Quetta ...	...	...	...	...	200 04	310 13
Sargodha ...	/////	/////	/////	360 11	010 05	045 04
Skardu ...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (ddfff)

Height in kms. a.s.l.→	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	175 10	175 15	200 12	195 12	195 10	180 07	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	210 06	210 06	200 04	280 01	355 03	045 14	065 17	075 20	065 21	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	250 05	255 09	245 10	...	...	...	...	...	...	...	...
Karachi ...	260 22	235 16	290 12	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	245 05	250 05	254 05	010 06	350 04	020 07	230 01	...	...	...	...
Multan ...	160 08	140 08	120 06	110 02	095 05	120 09	030 05	165 10	070 14	...	...
Nawab Shah ...	195 05	165 03	055 05	065 05	065 16	070 14	090 16	015 23	105 25	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	045 02	160 03	185 05	285 02	110 01	070 02	010 07	360 05	020 16	..	...
Skardu ...	...	...	...	...	...	...	...	...	...	..	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...	280 19	290 21	270 19	250 15	100 19	120 20	075 23	075 26	085 29	120 33	100 27	...	...	...	...	...	...	...	...	..	...
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V_r V_r etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

T_a—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

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

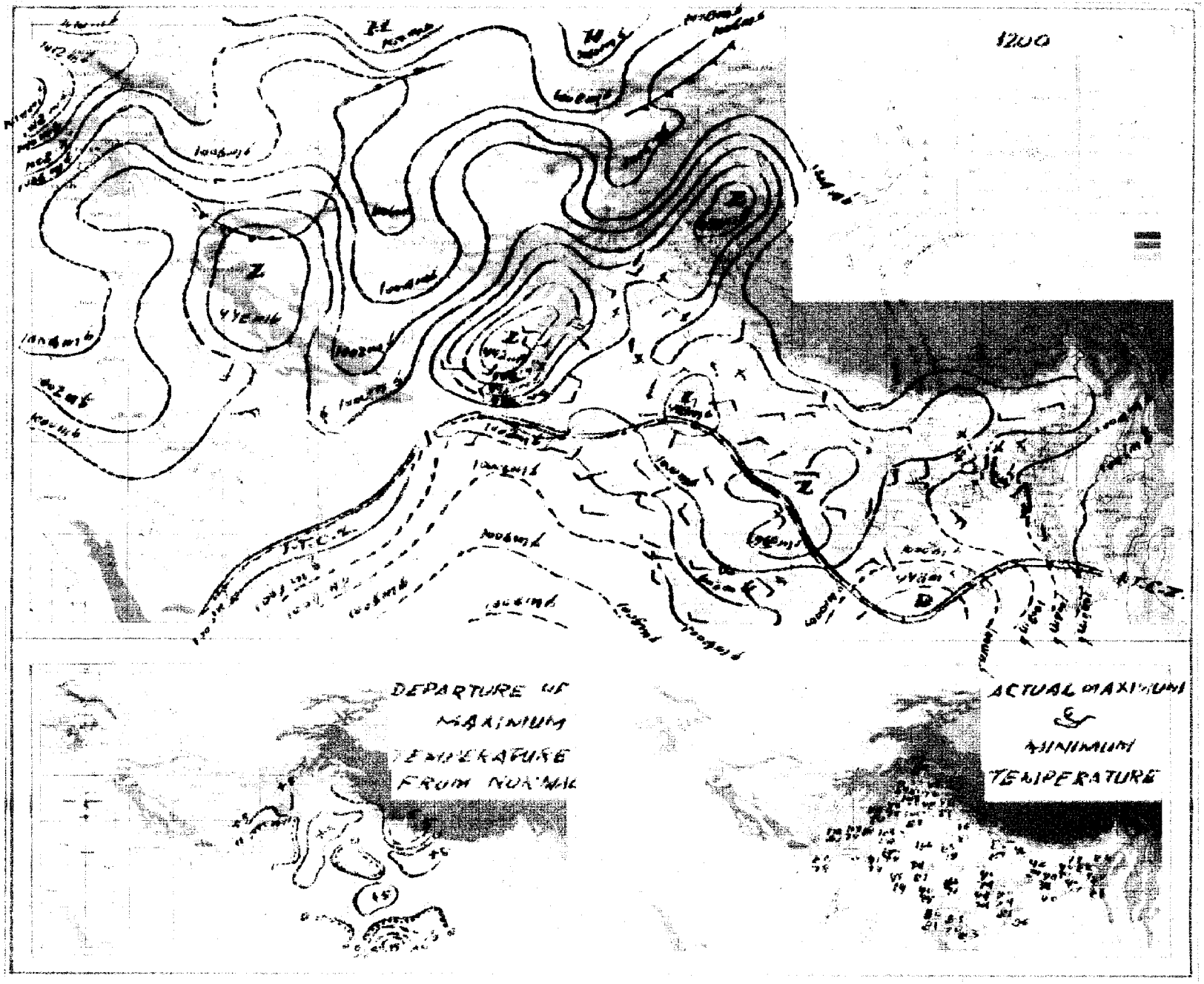
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East

The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

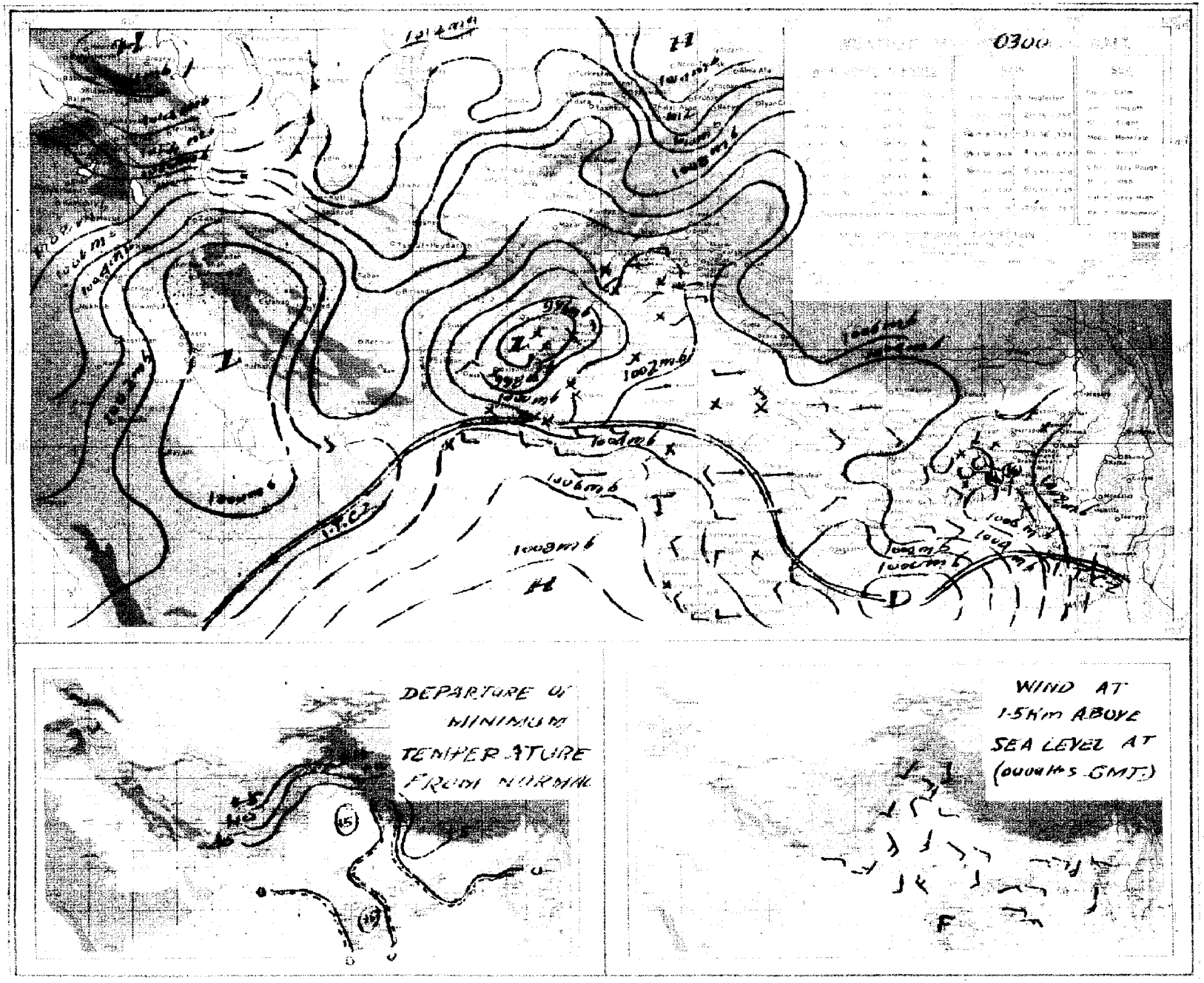
PAKISTAN DAILY WEATHER MAP

MONDAY 23rd AUGUST, 1971



PAKISTAN DAILY WEATHER MAP

TUESDAY 24th AUGUST, 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

MONDAY THE 23rd AUGUST, 1971.

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

Observations completely lacking but believe yesterday's trough which intensified into a low over central Bay of Bengal last evening has intensified further and probably lies as a depression certred at 230300 G.M.T. near latitude 16 °N and longitude 87 °E. It is likely to move initially in a northwesterly direction and may intensify.

Rain/thundershowers have been fairly widespread in Chittagong division and scattered in Dacca and Khulna divisions.

The low over southeast Uttar Pradesh and adjoining areas which became less marked last evening is now becoming unimportant.

Yesterday's secondary western disturbance has moved eastwards and today lies over East Russian Turkistan north of Kashmir. Its associated trough lies over northern areas of West Pakistan and Kashmir.

Scattered rain/thundershowers have been reported from Rawalpindi and Peshawar divisions and isolated thunderstorm from Quetta division.

Chief amounts of rainfall are Maijdee Court 2", Sandwip 1½", Comilla 1", Hatiya ¾", Bhola and Rawalpindi ½" each and Sylhet, Srimangal and Kakul ¼" each.

Day temperatures were generally 3– 5 °F (2–3 °C) above normal in Dacca, Chittagong, Sargodha, Malakand and Hyderabad divisions and at a few places in Rajshahi division and were to the same extent below normal in Rawalpindi, Peshawar, Kalat and Khairpur divisions.

Forecast valid until the evening of the 24th August 1971 :—Rain/thundershowers will be fairly widespread in Chittagong division local in Dacca and Khulna divisions with a few heavy falls and scattered in Rajshahi division. Scattered rain/thundershowers are likely to occur in Lahore, Rawalpindi and Peshawar divisions and in Kashmir while a few thunderstorms/light rain may also occur in Sargodha, Multan, Khairpur and Hyderabad divisions.

Earth Quake Report: The seismographs of geophysical centre Quetta have recorded an earthquake of moderate intensity on 22nd August. 1971 at 22 hours 57 minutes WPST with its epicentre about 1000 miles west of Quetta in southern Iran.

Karachi-32
The 23rd August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

Divisions	Stations	At 12 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)	Winds speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature °C (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	6	16	03	98	03	9	034	86	4	7	5	7	4	79	90
	Cox's Bazar	000	0	7	22	04	96	02	2	024	82	5	4	4	4	0	75	87
	Chittagong	002	9	6	27	04	96	02	6	018	84	5	4	4	3	1	77	79
	Maijdee Court	000	9	6	00	00	96	03	2	052	86	4	2	5	2	0	73	88
	Comilla	000	0	0	00	00	96	02	0	025	86	0	0	9	0	0	82	90
	Brahmanbaria																	
	Sylhet	000	0	4	15	02	97	02	2	011	86	3	3	6	3	0	79	90
	Srimangal	009	5	5	00	00	96	02	6	015	87	2	2	5	4	4	81	91
Dacca	Mymensingh	000	0	0	00	00	97	00	1	027	88	0	0	9	0	0	81	92
	Narayanganj	000	0	5	23	02	95	02	2	013	86	4	3	4	1	1	75	86
	Dacca (Tejgaon	000	0	6	00	00	97	02	2	015	84	3	0	9	6	2	79	87
	Faridpur	000	0	4	16	02	96	02	2	012	88	2	4	5	0	8	77	87
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	000	0	6	09	03	97	01	2	011	75	1	1	4	2	0	75	89
Rajshahi	Pabna	000	0	2	13	02	99	01	2	///	86	2	4	7	0	0	79	90
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bogra	000	0	7	18	02	97	02	2	013	84	5	6	4	0	0	77	87
	Dinajpur	000	0	5	09	02	96	01	1	007	86	2	1	6	4	1	75	67
	Rangpur	000	2	0	00	00	96	01	1	998	84	2	0	9	1	0	79	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	2	05	03	96	06	0	990	97	2	1	7	0	0	73	98
	Sialkot	000	0	0	00	00	98	01	1	003	94	0	1	9	0	0	71	92
Rawalpindi	Jhelum	000	3	4	23	02	97	02	6	002	85	3	3	6	1	0	73	94
	Islamabad																	
	Rawalpindi	046	8	5	00	00	97	01	5	995	85	3	0	9	2	1	72	85
	Campbellpur	000	0	0	05	01	98	00	0	///	98	0	0	0	0	0	58	99
Sargodha	Khushab	000	0	0	00	00	98	00	0	986	98	0	0	9	0	0	77	02
	Sargodha	000	0	2	05	03	96	06	0	996	98	2	4	6	0	0	77	01
	Lyallpur	000	0	0	36	02	97	00	0	983	95	0	0	9	0	0	61	02
Multan	Sahiwal																	
	Multan	000	0	4	23	03	97	03	0	986	99	2	0	9	3	1	74	01
	Laiah																	
Bahawalpur	Khanpur	000	0	0	23	08	96	02	0	985	02	0	0	9	0	0	62	03
	Bahawalpur	000	0	1	00	00	95	00	0	962	98	0	0	9	0	0	66	98
	Fort Abbas	000	0	0	00	00	96	00	0	954	///	0	0	9	0	0	93	///
Malakand	Chakdara	000	0	1	23	05	97	03	1	967	91	1	2	7	0	0	73	92
Peshawar	Peshawar	000	0	2	36	03	96	05	1	980	92	1	1	6	0	1	76	94
	Hoti pur	000	0	0	23	02	97	00	0	978	91	0	0	9	0	0	79	95
D.I. Khan	Bannu	000	0	5	16	01	99	02	1	003	///	0	0	9	0	5	71	///
	D.I. Khan	000	0	0	16	03	97	02	0	987	00	0	0	9	0	0	73	00
Quetta	Sibi																	
	Nokkundi	000	0	6	31	09	94	05	4	932	05	0	0	9	0	0	33	///
Kalat	Turbat	000	0	0	25	04	98	00	0	999	03	0	0	9	0	0	67	03
	Jiwani	000	0	0	18	12	96	01	1	016	85	0	0	9	0	0	73	///
	Pasni	000	0	0	27	02	97	00	0	142	///	0	0	9	0	0	69	///
	Ormara	000	0	1	20	10	96	02	2	005	86	1	0	6	0	0	73	90
	Lasbela																	
Karachi division	Karachi (Manora)																	
	Karachi (Airport)	000	0	6	23	10	96	03	1	017	85	3	5	5	0	0	72	90
Hyderabad	Nagarparker																	
	Chhor	000	0	2	03	09	96	02	0	003	93	0	0	9	0	0	67	95
	Hyderabad	000	0	0	23	09	97	02	0	000	93	0	0	9	0	0	67	98
	Badin	000	0	3	23	07	96	03	0	013	94	3	4	6	0	0	74	95
Khairpur	Padidan	000	0	1	23	03	96	02	0	988	00	1	0	9	3	0	63	03
	Nawabshah	000	0	1	16	05	96	03	0	993	00	0	0	9	0	4	73	01
	Sukkur	000	0	0	31	05	96	02	0	996	00	0	0	9	0	0	71	02
	Kashmore	000	0	0	23	03	98	02	0	959	97	0	0	9	0	0	72	98
	Jacobabad	000	0	3	13	03	96	05	0	987	98	1	0	9	3	1	72	98
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpind	Murree *	000	0	5	31	05	97	02	1	442	70	5	5	4	0	0	64	72
Malakand	Drosh *	000	0	4	23	12	97	06	1	405	96	4	2	7	3	0	51	99
Peshawar	Cherat *	005	6	4	18	05	97	01	6	445	83	4	2	8	0	0	71	86
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Landikotal *	000	0	2	18	05	98	02	2	458	88	2	0	1	3	0	71	91
	Parachinar *	000	0	5	13	02	97	17	2	449	81	4	8	6	3	0	59	54
D.I. Khan	Miranshah *	000	0	8	05	05	97	01	0	405	95	0	0	9	0	0	62	96
	Wana *	000	0	0	13	06	98	00	0	426	89	0	0	9	0	0	77	91
Quetta	Fort Sandeman *	000	0	5	18	07	96	29	9	420	87	3	4	7	2	0	57	95
	Hindubagh *	000	0	6	16	02	95	03	0	///	92	6	6	4	0	0	59	98
	Loralai *																	
	Barkhan *																	
	Harnai *	000	0	0	11	01	96	02	0	426	94	0	2	9	/	/	62	96
	Samungli (Quetta) *	000	0	7	00	00	98	03	1	416	91	7	6	9	0	0	73	93
	Chaman *	000	0	0	00	00	98	00	0	421	99	0	0	9	0	0	49	99
	Nushki *	000	0	5	27	03	95	05	0	469	03	0	0	9	0	0	51	04
	Dalbandin *	000	0	0	23	02	94	05	0	437	03	0	0	9	0	0	27	04
Kalat	Kalat *	000	0	8	36	01	90	00	2	413	81	0	2	9	0	0	55	82
	Khuzdar *	000	0	4	13	10	97	01	1	411	92	3	8	9	3	0	65	94
	Panjgur *	000	0	6	18	10	95	02	0	429	94	6	4	6	0	0	56	97

Divisions	Stations	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 degree (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 (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum temperature (TnTn)	Rainfall: Since 1st June, 1971 to-date	Departure from normal	Since 1st January, 1971 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	000	0	5	16	03	98	03	1	023		3	3	6	4	1	79	79	—	—				—
	Cox's Bazar	000	0	5	09	03	97	02	2	066	84	3	3	4	3	0	75	77	+ 2	+ 1				140
	Chittagong	013	8	4	13	05	97	01	6	072	82	3	5	5	0	1	77	73	— 7	— 3	12.3	+5.2	—	108
	Maijdee Court	160	9	6	18	02	97	02	2	083	82	3	5	4	2	1	73	76	+ 1	0				115
	Comilla	110	3	4	00	00	96	02	6	010	81	4	4	7	0	0	79	76	+ 3	0				94
	Brahmanbaria																							78
	Sylhet	037	5	7	13	05	96	01	6	070	79	6	3	4	2	0	79	76	—	—				—
	Srimangal	032	3	8	00	00	96	05	6	078	79	5	6	3	4	1	75	75	+ 1	— 1				98
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5	—				91
	Narayanganj	013	1	8	13	02	97	03	6	060	82	8	7	3	1	1	79	79	— 2	0				74
	Dacca (Tejgaon	005	3	8	00	00	97	02	6	068	81	4	8	4	2	/	77	79	—	—	47.8	—	—	—
	Faridpur	005	0	8	00	00	96	03	2	051	82	6	5	5	1	0	79	///	—	—				71
Khulna	Barisal	001	5	6	11	05	97	02	6	063	84	5	8	4	1	1	79	81	—	+ 3				81
	Khulna	000	0	2	13	05	97	02	0	054	87	0	2	4	0	0	79	79	—	—				68
	Satkhira	000	0	4	16	03	97	02	9	061	84	4	3	9	2	1	79	77	—	—				65
	Jessore	000	0	6	13	02	97	02	2	062	84	4	6	7	4	0	78	79	—	0				65
Rajshahi	Pabna	000	0	6	13	02	96	01	2	///	84	2	7	9	1	1	///	81	—	—				59
	Sirajganj	000	0	8	00	00	97	02	2	159	84	8	0	7	1	0	81	79	—	—				64
	Rajshahi	000	0	7	00	00	96	02	2	053	84	5	4	5	0	1	79	79	—	—				—
	Bogra	000	0	6	00	00	96	03	1	062	84	3	5	5	3	0	81	79	— 1	+ 1				69
	Dinajpur	000	9	4	00	00	96	01	1	042	86	4	0	9	4	1	77	79	— 2	+ 1				72
	Rangpur	000	0	7	07	02	96	03	0	026	84	7	0	9	2	0	79	77	+ 5	0				84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	4	13	02	96	06	0	036	67	2	1	7	3	0	76	82	+ 1	+ 3	9.2	— 2.0	12.2	19
	Sialkot	000	0	7	00	00	98	02	1	045	84	7	0	9	7	0	79	80	— 2	+ 2	20.1	+ 2.2	30.0	32
Rawalpindi	Jhelum	000	0	6	00	00	97	02	2	037	83	6	0	9	7	0	77	80	—	—	13.1	—	17.8	—
	Islamabad																							8
	Rawalpindi	046	0	7	09	05	97	02	2	043	78	4	9	6	7	0	75	76	— 8	+ 1	24.8	— 7.2	28.1	36
	Campbellpur	000	0	0	18	01	97	00	0	///	81	0	0	9	0	0	81	76	—	—	—	—	—	—
Sargodha	Khushab	000	0	0	36	03	97	06	8	996	85	0	0	9	0	0	76	///	+ 3	—	0.9	— 7.3	1.6	15
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	10.2	—
	Lyallpur	000	0	0	00	00	97	00	0	026	88	0	0	9	0	0	75	81	+ 4	+ 5	5.1	— 1.8	80.4	12
Multan	Sahiwal																							10
	Multan	000	0	0	00	00	96	02	0	020	89	0	0	9	0	0	70	81	+ 1	0	2.5	— 1.7	3.1	7
	Laiah																							8
Bahawalpur	Khanpur	000	0	1	23	02	96	01	0	031	85	0	0	9	3	0	70	80	—	—	1.1	— 3.4	1.5	6
	Bahawalpur	000	0	3	00	00	96	00	6	034	88	0	0	9	0	0	71	79	—	—	0.0	— 3.9	2.1	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—		—	—
Malakand	Chakdara	000	0	7	00	00	97	02	2	013	79	7	0	9	7	0	75	77	—	—	9.2	—	12.0	8
Peshawar	Peshawar	000	0	1	00	00	97	02	0	024	84	1	0	9	3	0	79	79	— 3	+ 2	3.9	+ 0.6	3.4	—
	Hoti pur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	31.5	11
D.I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	7.3	—
	D.I. Khan	000	0	0	05	02	96	05	0	029	86	0	0	9	0	0	80	80	0	— 1	1.8	— 2.6	4.0	11
Quetta	Sibi																							9
	Nokkundi	000	0	0	04	03	95	05	4	985	86	0	0	9	0	0	33	83	—	—	0.0	—	0.2	5
Kalat	Turbat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	0.0	2
	Jiwani	000	0	6	00	00	96	03	0	047	78	3	6	5	3	0	72	76	—	—	0.0	—	1.5	—
	Pasni	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	0.0	5
	Ormara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	0.0	6
	Lasbela	000	0	3	00	00	98	00	0	037	81	0	0	9	0	0	75	79	—	—	0.0	—	0.0	6
Karachi division	Karachi (Manora)																							8
	Karachi (Airport)	000	0	7	27	07	96	03	1	043	81	4	6	5	3	0	77	79	—	—	1.3	—	1.5	8
Hyderabad	Nagarparker																							—
	Chhor	000	0	0	23	09	96	02	0	036	81	0	0	9	0	0	76	77	—	—	3.0	—	3.0	—
	Hyderabad	000	0	0	23	02	97	02	0	034	82	0	0	9	0	0	72	78	+ 3	— 1	1.8	— 3.4	2.2	7
	Badin	000	0	2	23	05	96	03	0	///	///	4	6	8	0	0	74	77	—	—	1.7	— 4.0	1.7	9
Khairpur	Padidan	000	0	0	13	03	96	02	0	024	82	0	0	9	0	0	72	73	—	—	0.2	—	0.2	—
	Nawabshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	0.6	—
	Sukkur	000	0	6	23	05	96	03	0	023	85	6	0	9	6	0	72	81	—	—	1.8	—	2.2	4
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—
	Jacobabad	000	0	1	13	05	96	05	1	023	85	0	0	9	0	2	73	81	— 6	0	2.6	+ 0.5	2.6	4
Junagadh	Veraval																							20
	HILL STATIONS																							26
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpind	Murree *	000	9	8	09	02	96	03	9	471	66	8	5	2	/	/	63	60	— 1	0	34.8	+ 7.0	44.2	18
Malakand	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5		—		10.1	29
Peshawar	Cherat *	005	9	2	18	04	97	01	2	466	75	2	0	8	1	0	68	71	0	+ 2	10.4	+ 1.9	18.0	—
	Kakul *	021	1	8	13	02	95	05	6	473	72	7	7	5	3	/	67	70	—	—	—		39.1	29
	Landikotal *	000	0	6	09	05	97	01	0	470	80	6	2	2	0	0	71	74	—	—	10.5	—	20.5	13
	Parachinar *	000	0	1	13	02	97	02	0	476	75	1	0	9	3	0	59	69	— 1	+ 5	10.5	—	16.1	11
D.I. Khan	Miranshah *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	1.8	13
	Wana *	000	0	0	00	00	96	00	0	409	74	0	0	9	0	0	65	74	—	—	0.9	—	1.6	—
Quetta	Fort Sandeman *	000	0	0	31	02	96	05	0	454	78	0	0	9	0	0	60	74	— 1	+ 2	1.9	— 2.4	3.2	9
	Hindubagh *	000	0	0	25	02	98	02	0	///	75	0	0	9	0	0	44	65	—	—	0.4		3.3	—
	Loralai *																				—		—	14
	Barkhan *																				—		—	9
	Harnai *	000	0	0	31	01	96	02	0	444	82	0	0	9	0	0	65	75	—	—	0.0	— 5.9	0.2	8
	Samungli (Quetta) *	000	0	4	13	05	98	03	0	455	75	3	3	6	4	0	65	66	+ 2	+ 2	0.0	— 0.9	3.7	—
	Chaman *	000	0	0	00	00	98	00	0	444	80	0	0	9	0	0	49	71	+ 2	+ 2	0.0	— 0.1	2.0	—
	Nushki *	000	0	4	18	05	95	05	4	478	87	0	0	9	2	0	40	83	—	—	0.0	—	1.5	4
	Dalbandin *	000	0	6	00	00	94	05	0	438	83	6	0	9	9	/	33	79	0	+ 10	0.0	— 0.3	0.5	7
Kalat	Kalat *	000	0	8	18	01	91	00	2	427	69	0	0	9	0	0	50	69	— 8	+ 19	0.0	— 1.1	1.4	—
	Khuzdar *	000	0	2	00	00	96	01	0	439	77	0	0	9	1	0	///	74	—	—	1.4	—	1.7	5
	Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1		—	—	—	—

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 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

When ever 999 is given RRR see the summary boxes for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 23rd AUGUST, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$	N ddFF	$VV_{ww}W$	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels												
		Surface	1000_{mb}	850_{mb}	700_{mb}	500_{mb}	400_{mb}	300_{mb}	200_{mb}	150_{mb}	100_{mb}	70_{mb}	50_{mb}	30_{mb}
		PoPoPoToToToDoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	003 266 19	...	490 194 28	108 096 34	582 061 39	754 157 //	...	...	...	..	...	...	...
Dacca ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...														
Multan ...														
Peshawar ...	00 00	961 272 34	...	/// /// //	052 084 //	576 043 //	749 153 //	958 329 //	231 533 /	...	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT_a DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmPmPmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	$P_tP_tP_tT_tT_tT_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

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

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 1	2	3	4	5	6	7	8	9	10
Barisal ...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...
Chakfala ...	...	160 07	210 03	220 05	280 07	305 06	330 05	300 17	300 23
Chkor ...	225 07	215 05	/// //	225 05	070 07	080 02	110 14	...	...
Chittagong ...	280 09	295 10	315 07	010 05	090 04	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	205 12	220 17	230 10	270 05	115 05	065 [illegible]	...	...	...
Dacca ...	240 04	225 03	210 02	145 03	115 05	[illegible] 06	105 15	115 17	110 13
Dalbandin ...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	200 02	200 08	175 03	130 11	110 02	155 06	335 10	340 15	340 17
Drosh ...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	155 04	150 07	145 08	095 12	055 09	095 12	060 12	040 10	100 12
Jessore ...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...
Jiwani ...	170 10	110 10	110 12	095 14	110 14	120 10	085 14	110 15	115 12
Karachi ...	240 11	250 11	025 07	055 10	...	...	...	...	...
Khanpur ...	245 05	260 05	260 08	285 05	290 07	010 08	055 05	200 06	010 08
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	035 05	055 04	060 04	050 08	060 05	070 04	235 04	...	...
Multan ...	265 04	185 05	185 06	080 02	090 04	023 13	355 17	095 05	
Nawab Shah ...	165 04	165 02	100 03	035 04	035 11	055 15	080 14	120 13	100 17
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	050 03	125 06	175 11	225 10	310 17	345 05	040 06	285 02
Parachinar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	190 04	060 01	135 01	...	...
Sargodha ...	065 06	085 06	095 05	115 05	330 03	345 15	345 15	300 06	235 08
Skardu ...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (ddfff)

Height in kms. a.s.l.→	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...
Chakfala ...	...	085 08	145 10	210 11	275 06	...
Chkor ...	240 21	235 22	215 19	160 14	130 06	080 10
Chittagong ...	150 06	170 06	130 09	...	...	...
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...
Dacca ...	195 03	195 03	150 02	100 13	090 02	...
Dalbandin ...	...	...	255 11	275 09	030 07	035 55
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	300 02	205 05	305 08
Gilgit ...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...
Jacobabad ...	190 15	190 11	160 09	160 07	125 04	055 05
Jessore ...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...
Jiwani ...	020 07	015 05	340 01	105 11	105 13	...
Karachi ...	270 19	280 18	265 15	090 11	090 16	070 20
Khanpur ...	215 15	230 19	240 19	240 20	250 14	290 13
Khuzdar ...	...	...	...	...	...	...
Lahore ...	130 07	170 12	190 11	180 06	150 11	195 04
Multan ...	165 09	155 09	150 10	180 06	085 05	025 07
Nawab Shah ...	220 21	220 22	205 22	165 16	120 15	110 16
Nokkundi ...	No	Ascent	...	...	...	...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	300 04	195 07	280 05	225 07	170 03
Parachinar ...	...	...	...	275 03	120 04	...
Quetta ...	...	...	...	...	295 06	300 10
Sargodha ...	130 08	190 09	215 08	270 05	040 05	355 07
Skardu ...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (ddfff)

Height in kms. a.s.l.→	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...
Chakfala ...	...	[illegible] 06	140 08	205 04	300 10	290 10	300 04	...	...	...	...
Chkor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	130 15	140 09	120 09	100 06	070 04	[illegible] 07	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	185 08	185 07	150 09	130 14	115 19	105 14	180 11	[illegible] 18	095 23	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	045 05	045 06	305 06	235 10	210 02	300 03	015 04	270 09	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	080 02	130 03	140 03	205 01	020 03	080 04	028 10	255 06	205 03	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.6	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V, V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

T_a—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

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

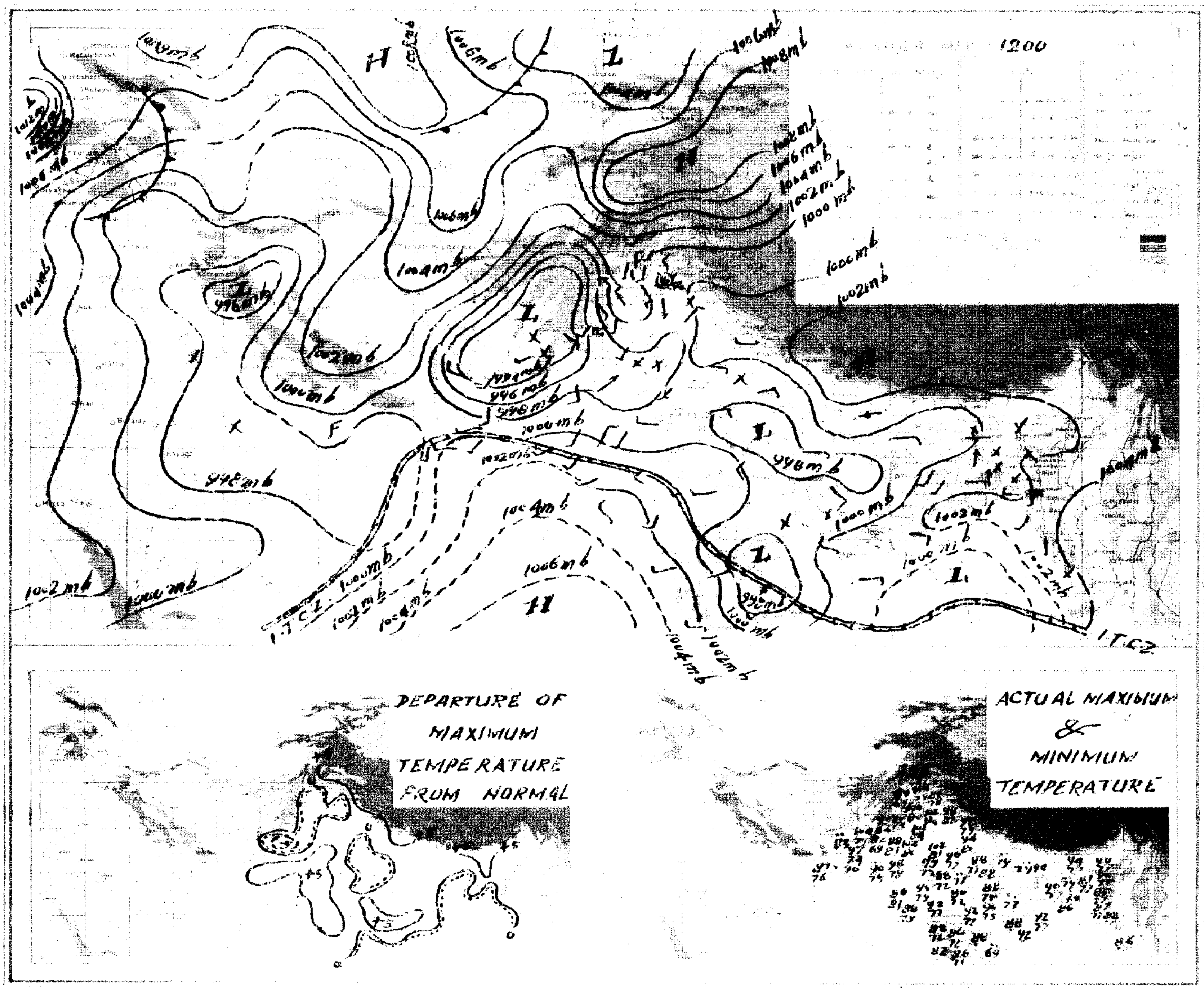
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East

The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

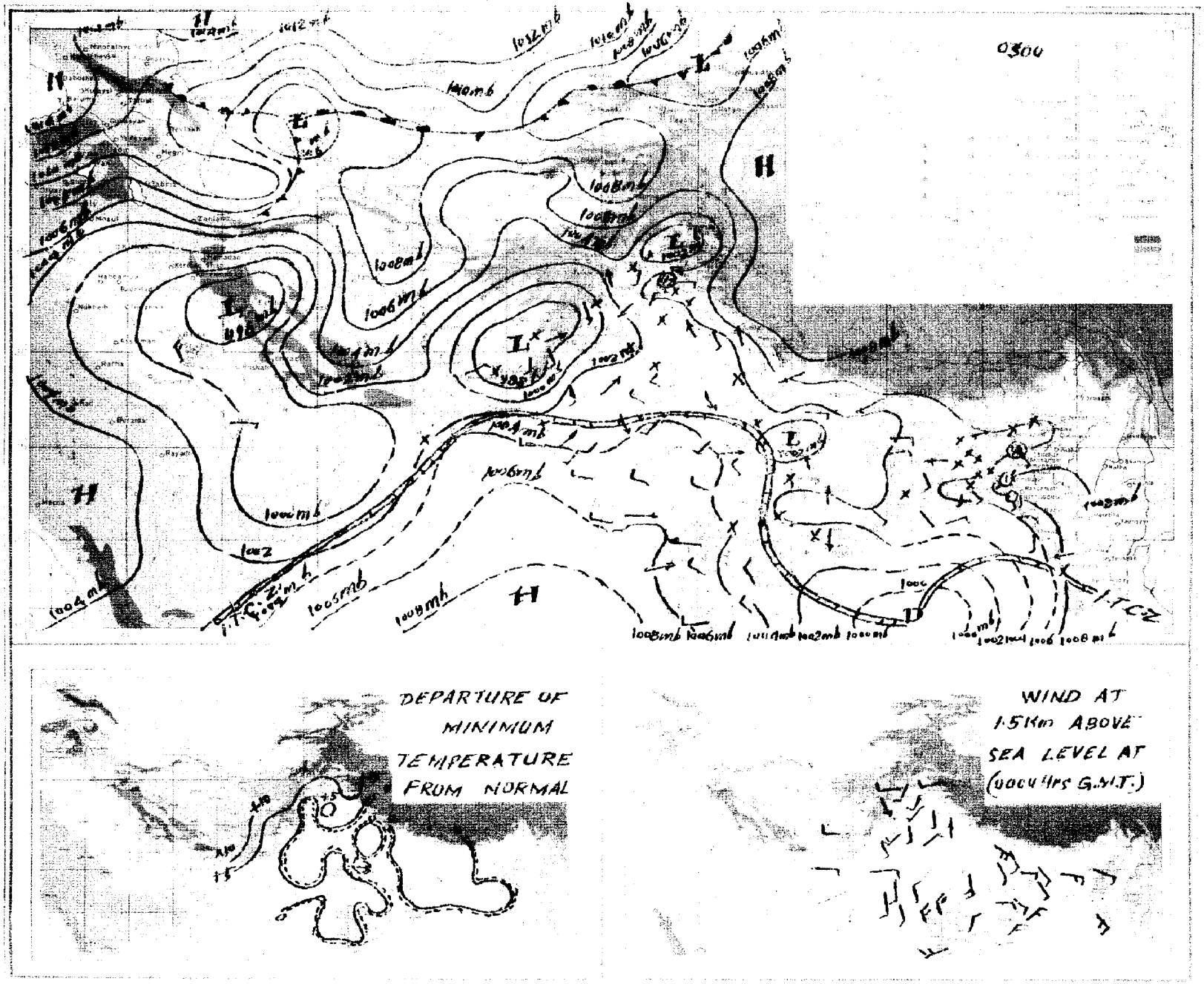
PAKISTAN DAILY WEATHER MAP

SUNDAY 22nd AUGUST, 1971



PAKISTAN DAILY WEATHER MAP

MONDAY 23rd AUGUST, 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

SUNDAY THE 22nd AUGUST, 1971.

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

Observations lacking but believe a trough of low has appeared over East central and southeast Bay of Bengal and adjoining Andaman Sea.
Yesterday's low now lies over southeast Uttar Pradesh and neighbourhood.
Scattered rain/thundershowers have occured in Chittagong and Khulna divisions.
Yesterday's westerly low pressure wave over Kashmir has moved away eastwards.
A secondary western disturbance is now moving across Russian Turkistan north of Afghanistan.
Incursion of moist easterlies into East Punjab (India) and adjoining areas continues.
Scattered rain/thundershowers have been reported from Rawalpindi and Peshawar divisions.
Chief amounts of rainfall are Cox's Bazar 1½", Kakul and Chittagong ½" each and Bhola and Murree ¼" each.
Day temperatures were 3—5 °F (2—3 °C) above normal in Sargodha and Malakand divisions and were to the same extent below normal in Rawalpindi, southern Kalat and Khairpur divisions and at some places in Quetta division.

Forecast valid until the evening of the 23rd August, 1971 :—Rain/thundershowers will be local in Chittagong division and scattered elsewhere over East Pakistan and also in Lahore, Rawalpindi and Peshawar divisions and in Kashmir.

Karachi-32
The 22nd August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

DIVISIONS	STATIONS	At 12 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)	Winds 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 from † (GL)	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 degree (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 (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum temperature (TnTn)	Rainfall: Since 1st June, 1971 to-date	Departure from normal	Since 1st January, 1971 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	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	23	02	98	01	1	068	84	3	4	6	3	4	82	79	—	—				—
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	164	6	6	03	03	96	51	6	060	79	6	3	4	5	0	75	75	—	—	1			140
	Chittagong	...	000	0	5	23	04	97	03	2	030	82	1	5	5	3	0	75	86	040	6	6	18	02	96	02	060	81	3	5	5	3	0	77	75	—	0	— 1	112.2	+52.6	—	108
	Maijdee Court	...	000	9	2	23	05	97	01	2	018	81	2	1	5	0	0	75	84	000	9	4	00	00	97	01	054	82	2	1	5	2	0	69	77	—	1	— 0				115
	Comilla	...	000	0	0	18	05	98	02	0	015	81	0	0	9	0	0	81	85	000	0	2	00	00	96	02	061	82	2	4	7	0	0	79	79	—	2	+ 3				54
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				78
	Sylhat	...	000	0	4	00	00	97	02	1	018	86	2	2	6	3	0	77	87	000	0	7	09	02	97	03	2	055	82	5	4	4	2	1	77	76	—	—				—
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	003	9	6	00	00	96	03	6	058	82	3	9	3	5	4	79	77	—	—	1				98
Dacca	Mymensingh	...	000	0	5	13	02	97	02	2	028	84	5	5	5	0	0	81	90	000	0	4	00	00	97	01	1	061	84	4	4	4	0	0	79	78	+ 3	0				91
	Narayanganj	...	000	0	5	13	02	95	02	2	023	84	4	3	4	1	1	75	85	000	0	7	21	02	97	02	2	059	85	6	6	5	2	1	75	74	— 3	— 3				74
	Dacca (Tejgaon	...	000	0	4	18	06	97	02	2	020	84	4	8	5	0	1	75	[illegible]	000	0	6	03	00	97	02	2	056	82	4	5	5	0	1	77	77	—	—	1	47.8	—	—	
	Faridpur	...	000	0	3	16	04	96	01	2	016	86	0	0	9	0	0	79	88	000	0	4	16	02	97	02	2	054	86	2	4	5	1	0	75	78	+ 1	—	1				71
Khulna	Barisal	...	000	0	4	23	03	97	01	2	025	82	3	8	5	0	1	77	86	000	0	5	00	00	97	02	2	053	84	4	8	5	0	1	77	78	— 1	0				81
	Khulna	...	000	0	2	00	00	97	02	0	021	87	1	1	4	0	0	77	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				68
	Satkhira	...																																								65
	Jessore	...	000	0	5	13	03	96	02	2	015	84	5	6	4	0	0	77	87	000	0	5	18	02	96	01	2	051	82	5	6	4	0	0	79	73	— 1	— 6				65
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	3	13	02	98	01	1	...	82	3	2	0	6	0	79	81	— 1	—				59
	Sirajganj	...	000	0	0	18	02	96	01	1	018	84	0	6	9	0	0	75	91	000	0	8	00	00	97	02	2	058	82	8	6	6	0	0	81	79	+ 4	0				64
	Rajshahi	...	000	0	6	13	05	90	02	2	015	84	4	3	5	3	0	75	87	000	0	6	23	02	96	03	1	047	84	4	4	5	0	1	79	77	— 1	— 1				—
	Bogra	...	000	0	6	13	02	96	02	2	018	85	3	4	5	7	0	73	87	000	0	6	25	03	96	01	2	048	82	5	4	4	3	0	79	77	— 1	— 1				69
	Dinajpur	...																																								72
	Rangpur	...	000	0	2	11	02	96	01	1	997	84	2	0	9	1	0	79	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					84
Kashmir	Jammu	...																																								—
Lahore	Lahore (Jail Rd.)	...	000	0	1	13	02	96	06	0	992	96	1	1	9	0	0	70	90	000	0	1	13	03	96	06	0	029	86	1	0	9	3	0	76	81	+ 2	+ 2	9.2	— 1.8	12.2	19
	Sialkot	...	000	0	0	00	00	98	02	1	009	70	5	5	6	0	0	78	93	000	0	4	09	02	97	02	0	040	81	2	5	6	7	0	77	79	— 1	+ 1	20.1	+ 2.5	30.0	32
Rawalpindi	Jhelum	...	000	0	2	13	05	97	03	1	002	98	1	1	6	1	0	73	95	000	0	3	13	02	97	02	1	032	85	1	5	6	7	0	76	81	—	—	13.1	—	17.8	—
	Islamabad	...																																								—
	Rawalpindi	...	000	0	1	00	00	96	06	1	992	92	1	1	6	3	0	72	93	000	0	7	00	00	96	06	1	031	81	6	6	6	3	0	75	79	0	+ 4	24.5	+ 7.5	28.1	36
	Campbellpur	...	000	0	0	11	03	98	00	0	[illegible]	98	0	0	9	0	0	98	01	000	0	0	09	01	97	00	0	[illegible]	80	0	0	0	0	0	89	76	—	—	—	—	—	—
Sargodha	Khushab	...	000	0	0	00	04	97	06	0	991	98	0	0	9	0	0	77	00	000	0	0	00	00	96	00	0	972	82	0	0	9	0	0	76	[illegible]	+ 1	—	0.9	— 7.2	1.6	15
	Sargodha	...	000	0	1	13	02	96	06	1	990	96	1	1	6	0	0	75	01	000	0	1	05	03	96	06	0	109	86	6	5	5	0	0	67	01	—	—	6.2	—	10.2	—
	Lyallpur	...	000	0	0	00	00	96	00	0	983	95	0	0	9	0	0	58	02	000	0	3	09	02	96	03	0	037	84	3	0	9	1	0	79	77	+ 4	— 2	5.1	— 1.7	80.4	12
Multan	Sahiwal	...																																								10
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	18	03	96	05	1	019	85	4	0	9	7	0	72	79	—	— 3	2.5	— 1.7	3.1	7
	Leiah	...	000	0	0	36	09	94	00	0	914	03	0	0	9	0	0	71	03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				—
Bahawalpur	Khanpur	...	000	0	4	23	03	96	03	0	970	00	0	0	9	0	0	62	02	000	0	3	20	20	96	02	0	991	65	1	0	9	3	1	67	80	—	—	1.1	— 3.3	1.5	8
	Bahawalpur	...	000	0	0	00	00	96	00	0	930	99	0	0	9	0	0	66	99	000	0	1	00	00	94	00	0	0 8	86	0	0	9	0	0	70	87	—	—	0.0	— 3.9	2.1	6
	Fort Abbas	...	000	0	0	00	00	96	00	0	934	[illegible]	0	0	9	0	0	73	[illegible]	000	0	0	30	14	98	00	0	950	91	0	0	9	0	0	83	[illegible]	—	—	—	—	—	8
Malakand	Chakdara	...	000	0	0	27	07	98	02	0	998	93	0	0	9	0	0	72	95	000	0	6	00	00	97	03	2	009	97	6	0	9	3	0	73	72	—	—	9.2	—	12.0	—
Peshawar	Peshawar	...	000	0	1	05	02	97	02	0	983	93	1	1	6	1	0	71	95	000	0	4	31	03	96	05	0	019	83	1	5	6	3	2	74	79	— 2	+ 2	3.9	+ 0.6	13.4	11
	Hoti pur	...	000	0	0	23	03	97	00	0	992	91	0	0	9	0	0	75	92	000	0	0	36	03	97	00	0	026	80	0	0	9	0	0	70	73	—	—	23.6	—	31.5	—
D.I. Khan	Bannu	...	000	0	2	16	01	90	01	1	090	[illegible]	0	0	9	0	7	70	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—	—	7.3	11
	D. I. Khan	...	000	0	1	00	00	96	05	0	994	01	0	0	9	0	1	77	01	000	0	0	00	00	76	05	0	024	96	0	0	9	0	0	74	82	+ 1	+ 1	1.8	— 2.6	4.0	9
Quetta	Sibi	...																																								5
	Nokkundi	...	000	0	6	31	10	94	05	4	933	03	0	0	9	0	0	77	07	000	0	0	36	14	94	05	4	990	85	0	0	9	0	0	45	80	—	—	0.0	—	0.2	—
Kalat	Turbat	...	000	0	0	15	04	98	00	0	999	03	0	0	9	0	0	67	03	000	0	0	31	02	98	00	0	070	88	8	0	9	5	2	33	83	—	—	0.0	—	0.0	2
	Jiwani	...	000	0	3	18	09	96	01	2	017	83	3	6	5	0	0	71	86	000	0	7	36	02	96	03	1	039	79	4	6	5	3	0	72	77	—	—	0.0	—	1.5	—
	Pasni	...	000	0	0	27	02	97	00	0	142	76	0	0	9	0	0	79	[illegible]	000	0	0	18	02	97	02	0	144	76	0	0	9	0	0	69	[illegible]	—	—	0.0	— 0.9	0.0	5
	Ormara	...	000	0	3	27	12	96	06	6	006	86	3	0	9	0	0	74	68	000	0	5	27	03	96	02	2	032	81	5	6	6	0	0	74	[illegible]	—	—	0.0	— 0.8	0.0	6
	Lasbela	...	000	0	4	13	03	97	00	0	994	99	0	0	9	0	0	71	99	000	0	3	00	00	98	00	0	026	81	0	0	9	0	0	74	80	—	—	—	—	—	6
Karachi division	Nagarparker	...																																								8
	Karachi (Manora)	...																																								8
	Karachi (Airport)	...	000	0	7	23	09	97	02	2	022	85	4	6	5	1	0	76	88	000	0	2	27	03	96	01	1	036	81	2	6	4	0	0	75	78	—	—	1.3	—	1.5	—
Hyderabad	Nagarparker	...																																								—
	Chhor	...	000	0	2	23	12	93	01	1	038	92	0	0	9	0	2	68	84	000	0	1	23	03	96	03	0	039	75	0	0	9	3	0	74	74	—	—	3.0	—	3.0	7
	Hyderabad	...	000	0	6	18	07	97	02	1	010	91	3	0	9	3	0	67	96	000	0	0	23	07	97	02	0	027	81	0	0	9	9	0	70	77	+ 1	— 2	1.8	— 3.3	7.2	9
	Badin	...	000	0	3	29	09	96	01	0	020	91	3	4	6	0	0	70	94	000	0	2	23	07	96	03	0	040	80	2	2	6	0	0	74	76	—	— 1	1.7	— 4.0	1.7	—
Khairpur	Padidan	...	000	0	1	13	03	96	02	0	986	99	0	0	9	0	1	65	03	000	0	2	13	03	96	01	1	017	81	0	0	9	4	0	71	77	—	—	0.2	—	0.2	—
	Nawabshah	...	000	0	4	18	07	96	01	1	995	97	4	0	9	0	4	79	00	000	0	5	18	10	96	03	1	022	81	5	0	9	3	0	75	75	—	—	0.6	—	0.6	4
	Sukkur	...	000	0	0	23	03	96	02	0	985	02	0	0	9	0	0	70	02	000	0	6	23	05	97	03	0	017	84	7	0	9	9	0	72	79	—	—	1.8	—	2.2	—
	Kashmore	...	000	0	0	23	02	98	02	0	979	95	0	0	9	0	0	73	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—	—	—	4
	Jacobabad	...	000	0	0	13	05	96	05	0	990	96	0	0	9	0	0	69	97	000	0	3	18	05	96	05	0	015	83	3	0	9	3	0	73	80	— 7	— 1	2.6	+ 0.5	2.6	20
Junagadh	Veraval	...																																								26
	HILL STATIONS																																									—
Kashmir	Srinagar	* ...																																								71
	Gulmarg	** ...																																								26
	Sonamarg	** ...																																								3
	Dras	** ...																																								6
	Leh	** ...																																								—
	Skardu	** ...																																								—
	Mitgar	** ...																																								5
	Aliabad	* ...																																								89
	Gilgit	* ...																																								19
Rawalpindi	Murree	* ...	030	2	6	27	05	97	02	9	449	66	6	5	3	0	0	62	68	035	9	5	09	05	97	02	9	446	65	3	5	4	4	0	60	58	— 5	— 2	34.8	— 7.4	44.2	29
Malakand	Drosh	* ...	000	0	4	18	12	98	01	1	117	86	4	0	9	0	0	[illegible]	96	000	0	0	00	00	97	02	0	[illegible]	75	0	0	9	0	0	54	[illegible]	+ 4	—	1.6	—	10.1	—
Peshawar	Cherat	* ...	000	0	1	28	05	97	01	1	446	83	2	1	8	0	0	65	86	000	0	4	18	02	97	02	2	452	74	4	3	9	0	0	70	72	0	+ 3	10.4	+ 1.9	17.9	—
	Kakul	* ...	038	3	5	13	05	97	03	9	449	78	2	2	6	0	3	67	85	038	0	3	18	02	95	05	1	462	75	2	2	6	1	0	76	66	—	—	32.9	—	38.8	39
	Landikotal	* ...	000	0	0	18	05	97	02	0	428	78	0	0	9	0	0	65	92	000	0	2	36	02	98	01	0	459	79	6	5	6	0	0	72	72	—	—	10.5	—	20.5	13
	Parachinar	* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	000	0	1	13	02	97	01	0	471	75	1	5	0	0	0	65	68	—	+ 4	10.5	—	18.1	11
D.I. Khan	Miranshah	* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	05	99	00	0	444	60	0	0	9	0	0	67	70	—	—	0.9	— 2.7	1.8	13
	Wana	* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	00	0	410	72	0	0	9	0	0	76	69	—	—	0.9	—	1.6	—
Quetta	Fort Sandeman	* ...	000	0	4	09	03	96	05	0	430	88	4	4	7	0	0	49	92	000	0	0	05	03	96	05	0	421	80	0	0	9	0	0	57	74	— 4	+ 2	1.9	— 2.3	3.2	9
	Hindubagh	* ...	000	0	0	11	02	98	02	0	[illegible]	92	0	0	9	0	0	55	93	000	0	0	09	02	98	02	0	[illegible]	74	0	0	9	0	0	49	63	—	—	0.4	—	2.3	—
	Loralai	* ...																																					—	—	—	14
	Barkhan	* ...																																					—	—	—	9
	Harnai	* ...	000	0	0	31	01	96	04	0	437	90	0	0	9	0	0	73	96	000	0	0	09	01	96	02	0	435	81	0	0	9	0	0	66	76	—	—	0.0	— 5.8	0.2	8
	Samungli (Quetta)	* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	3	00	00	98	02	0	452	74	0	0	9	0	0	64	66	—	+ 2	0.0	— 0.9	3.7	—
	Chaman	* ...	000	0	0	00	00	98	00	0	421	99	0	0	9	0	0	49	99	000	0	0	00	00	98	00	0	433	78	0	0	9	0	0	43	76	+ 2	+ 7	0.0	— 0.1	2.0	—
	Nushki	* ...	000	0	0	23	03	97	02	0	439	02	0	0	9	0	0	41	03	000	0	0	13	03	95	05	0	478	88	0	0	9	0	0	37	83	—	—	0.0	—	1.5	4
	Dalbandin	* ...	000	0	0	23	05	96	02	0	423	04	0	0	9	0	0	22	06	000	0	0	13	03	90	05	0	440	88	0	0	9	0	0	43	79	+ 2	+ 10	0.0	— 0.3	0.5	7
Kalat	Kalat	* ...	000	0	6	09	03	90	00	2	395	52	0	2	9	0	0	53	90	000	0	4	18	03	90	00	2	437	72	0	1	9	0	0	54	71	0	+ 21	0.0	— 1.1	1.4	—
	Khuzdar	* ...	000	0	6	18	09	97	03	1	410	92	0	0	9	0	0	58	96	000	0	3	27	03	96	03	0	409	76	0	0	9	1	0	64	75	—	—	1.4	—	1.7	5
	Panjgur	* ...	000	0	0	00	00	95	05	0	427	99	0	0	9	0	0	46	93	000	0	4	27	02	95	05	0	443	75	0	0	9	0	3	66	73	— 5	+ 3	—	—	—	—

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 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

When over 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 22nd AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGG_iw$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000_{mb}	850_{mb}	700_{mb}	500_{mb}	400_{mb}	300_{mb}	200_{mb}	150_{mb}	100_{mb}	70_{mb}	50_{mb}	30_{mb}
		PoPoPoToToToDoDo	hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	003 252 //	...	470 174 33	107 096 18	583 051 50	756 145 59	968 285 //	245 517 //	426 657 //	..	...	...	...
Dacca ...	00 00													
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	000 262 44	...	400 224 67	081 136 65	583 065 72	755 147 //	969 225 //	260 351 //	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	960 268 30	...	400 244 //	107 134 //	585 035 //	760 091 //	977 225 //	261 451 //	...	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTTa DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmPmPmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	$P_tP_tP_tT_tT_tT_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

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

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 1	2	3	4	5	6	7	8	9	10
Barisal ...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	223 06	165 05	195 08	230 06	250 09	330 19	310 39	...
Chhor ...	225 16	215 19	210 19	215 10	200 11	205 01	355 09	...	...
Chittagong ...	230 15	230 21	210 13	180 08	160 05	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	210 07	225 07	230 05	130 01	115 01	225 02	...	...	...
Dacca ...	195 01	195 06	180 03	170 08	205 05	195 08	150 08	093 12	010 11
Dalbandin ...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	225 17	210 11	205 07	050 03	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	150 09	160 07	160 05	180 03	210 02	150 02	325 07	255 07	...
Jessore ...	...	...	...	...	...	...	...	...	...
Jhelum ...	090 13	145 09	165 03	255 05	325 09	330 14	330 13	320 11	240 09
Jiwani ...	...	...	...	...	...	...	...	...	...
Karachi ...	...	...	...	...	...	...	...	...	...
Khanpur ...	175 08	170 04	170 04	150 03	165 03	205 03	240 10	245 14	255 13
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	150 03	140 04	135 03	145 03	180 03	045 02	005 01	325 09	345 13
Multan ...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	155 09	200 06	205 03	135 03	125 06	105 07	110 10	060 08	080 21
Nokkundi ...	...	...	No	Ascent	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	045 04	085 05	170 12	235 07	290 12	305 03	320 10	285 09
Parachinar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	165 08	030 04	350 04	...	...
Sargodha ...	...	...	...	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (ddfff) (columns 11–16) and At 0600 hrs. G.M.T. † of date (ddfff) (columns 17–27)

Height in kms. a.s.l.—>	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.1	7.2	9.0
STATION 1	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	120 08	125 08	195 05	295 04	325 03	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	240 19	245 21	220 21	185 19	065 12	055 10	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	265 06	270 08	265 07	240 06	150 02	050 02	040 03	060 01	060 02	055 04	065 05	...	...	...	...	...	...
Dalbandin ...	...	...	285 09	280 14	295 19	305 25	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	145 08	135 07	125 09	125 09	115 09	105 12	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	230 04	220 06	210 12	310 07	...	...	...	...
Fort Sandeman ...	...	...	...	050 09	080 05	105 04	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	165 09	105 06	005 02	215 04	220 07	235 03	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	120 07	150 08	190 12	165 13	170 10	185 05	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	180 05	160 08	155 12	...	...	...	115 05	090 03	115 04	...	...	...	...	...	...	...	...
Karachi ...	...	...	...	...	...	...	250 10	275 11	270 13	260 19	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	210 12	250 13	210 15	220 15	240 12	180 13	...	...	...	...	...
Khuzdar ...	...	...	...	260 02	285 09	295 16	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	160 04	165 08	180 12	170 13	185 03	190 03	135 09	130 11	130 11	125 08	110 04	030 04	005 04	345 06	360 13	...	...
Multan ...	185 11	185 12	155 09	290 04	050 05	015 08	215 03	175 04	140 06	145 08	135 04	035 05	325 08	...	...	...	...
Nawab Shah ...	225 11	225 11	210 05	115 05	095 08	060 11	150 04	070 05	055 05	060 06	055 09	065 15	110 16	120 17	095 15	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	255 10	315 19	355 14	345 18	...	...	...	...
Peshawar ...	...	340 06	170 02	340 06	230 04	...	...	075 03	040 02	265 04	225 13	155 08	...	...	...	...	...
Parachinar ...	...	...	...	220 04	105 05	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	310 06	285 08	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	130 07	145 06	135 02	050 02	005 06	260 04	070 03	070 03	100 03	095 03	035 05	345 09	250 06	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.6	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...	270 17	225 15	355 10	355 03	025 04	075 08	070 28	070 27	090 20	010 20	...	...	...	...	...	...	...	...	...	...	...
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V, V, etc.)

PPP—Pressure in hundreds tens and units of millibars

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

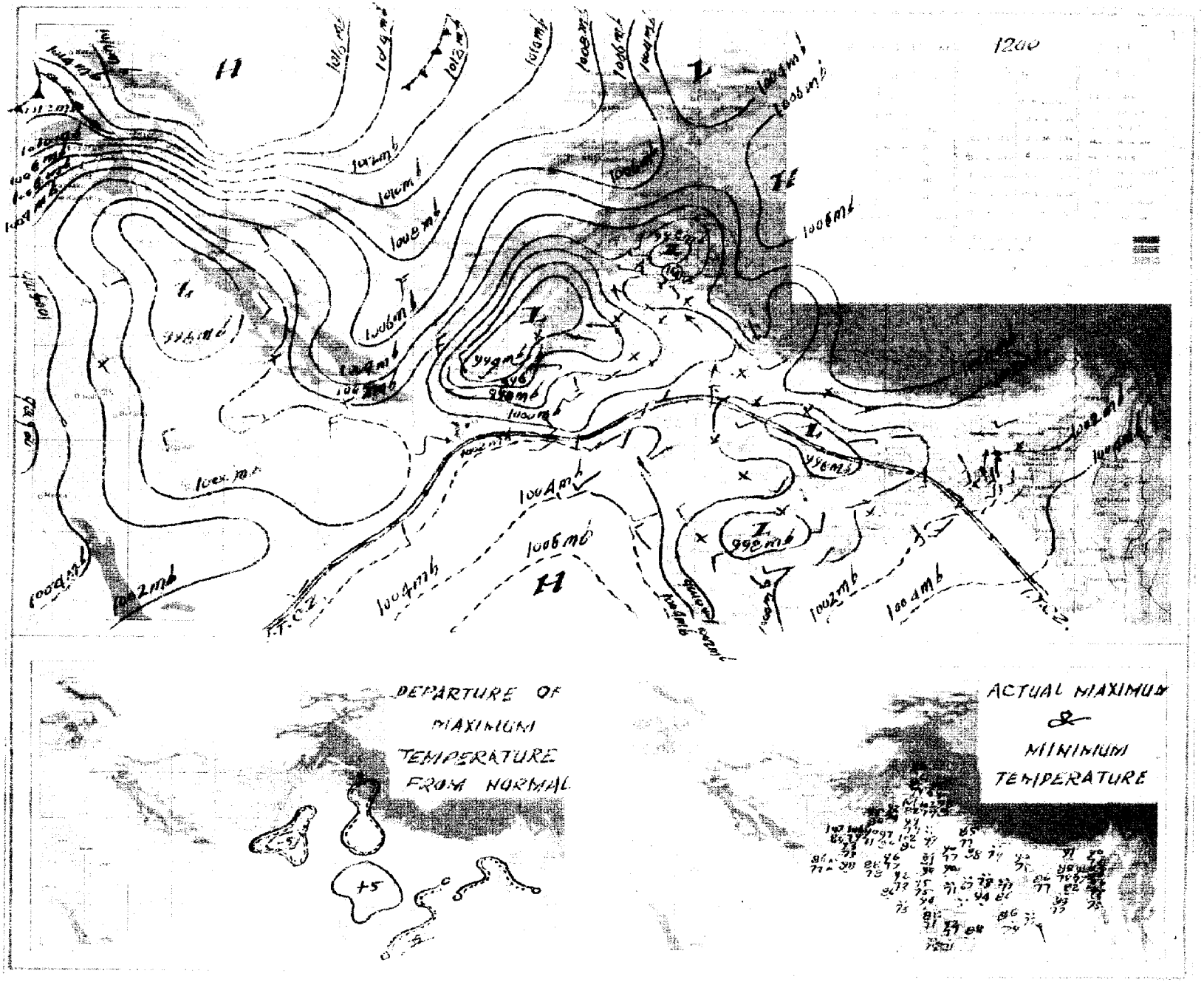
The actual time of observations may vary within h lf an hour of the specified time

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through Eas The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

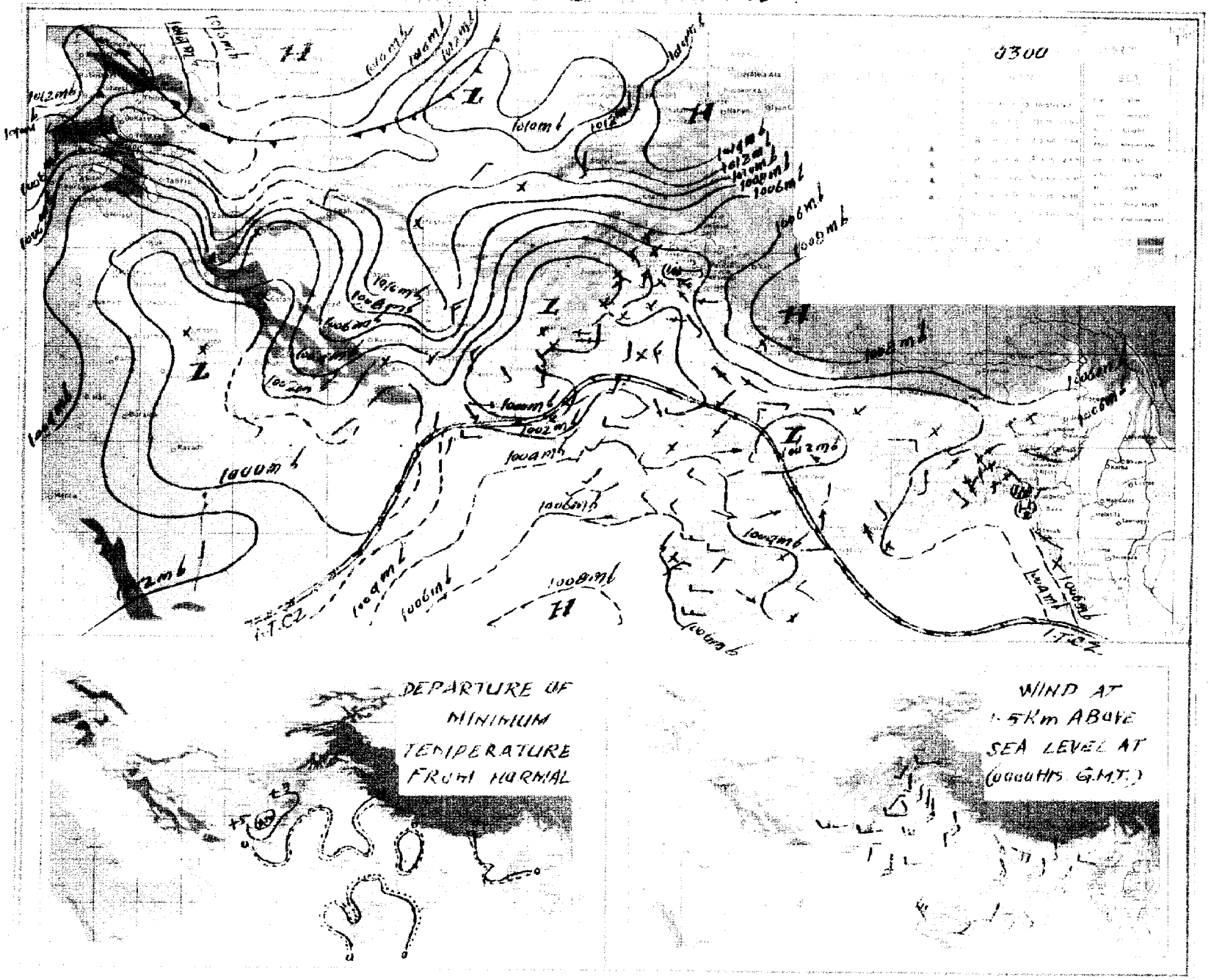
PAKISTAN DAILY WEATHER MAP

SATURDAY 21st AUGUST 1971



PAKISTAN DAILY WEATHER MAP

SUNDAY 22nd AUGUST, 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

SATURDAY THE 21st AUGUST, 1971.

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

Yesterday's low over West Bengal and adjoining Bihar and Orissa has moved westwards and now lies over Bihar and adjoining Uttar Pradesh.
Rain/thundershowers have been widespread in Chittagong, fairly widespread in Dacca and Khulna divisions and scattered in Rajshahi division.
Yesterday's westerly low pressure wave over East Russian Turkistan now lies over north of Kashmir.
Easterlies are penetrating upto Punjab areas.
Rain/thunderstorms have been scattered in Rawalpindi and Peshawar divisions.
Chief amounts of rainfall are Hatiya 1¼", Chittagong and Jessore ½" each.
Day temperatures were 11—13 °F (6—7 °C) above normal in Kalat division and 3—7 °F (2—4 °C) in Lahore, Rawalpindi and Quetta divisions and below normal to the same extent in Chittagong, Dacca, Rajshahi and Khairpur divisions.

Forecast valid until the evening of the 22nd August. 1971 :—Rain/thundershowers will be fairly widespread over southern districts and local elsewhere over East Pakistan.

Rain/thunderstorms will be scattered in Lahore, Rawalpindi and Malakand divisions. A few thunderstorms/showers are also likely to occur in Peshawar, Sargodha, Multan and D. I. Khan divisions.

Karachi-32
The 21st August, 1971.

OBSERVATIONS

M. SHAHABUDDIN
for Director Meteorological Services.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (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 (TdTd)	Maximum temperature (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (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 (TdTd)	Minimum temperature (TnTa)	Departure from Normal of: Maximum temperature (TxTx)	Departure from Normal of: Minimum temperature (TaTa)	Rainfall: Since 1st June, 1971 to-date	Rainfall: Departure from normal	Rainfall: Since 1st January, 1971 to-date	Rainfall: Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati ...	001	1	5	16	02	98	03	6	044	83	3	7	5	7	0	80	87	001	0	2	18	02	98	01	1	074	83	1	2	7	4	0	80	77						—
	Cox's Bazar ...	026	0	8	18	10	96	02	2	038	79	5	5	4	3	0	75	83	008	2	5	00	00	96	02	2	062	84	3	3	4	3	0	75	75	— 2	— 1				140
	Chittagong ...	000	0	7	18	10	96	03	2	037	83	5	3	4	0	3	77	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—				108
	Maijdee Court ...																																								115
	Comilla ...																																								94
	Brahmanbaria ...																																								78
	Sylhet ...	000	0	5	00	00	97	01	2	022	84	3	4	6	3	0	75	86	004	9	6	13	05	97	01	6	063	79	4	3	5	3	0	73	75						—
	Srimangal ...	036	9	6	00	00	96	61	9	034	79	4	7	3	5	2	79	88	016	9	5	11	02	96	01	9	061	83	2	2	4	5	4	75	77	— 2	— 1				98
Dacca	Mymensingh ...																																								91
	Narayanganj ...	000	0	4	18	02	95	02	2	028	91	6	4	4	2	1	75	83	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4	—				74
	Dacca (Tejgaon) ...	077	9	7	18	05	97	02	6	014	83	5	8	4	0	2	75	83	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Faridpur ...	005	6	3	16	02	96	01	6	001	83	2	3	6	/	0	75	83	005	0	4	16	02	97	02	2	040	80	3	3	5	1	0	77	75	— 4	— 4				71
Khulna	Barisal ...	006	9	7	20	09	97	03	6	026	80	5	3	4	.	1	75	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2	—				81
	Khulna ...	000	0	3	00	00	97	02	0	024	84	2	1	4	0	0	79	86	000	0	2	00	00	97	02	0	051	80	0	2	4	0	0	77	74						68
	Satkhira ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	015	0	4	18	03	97	02	3	052	79	4	3	9	0	0	75	75						65
	Jessore ...	058	2	7	00	00	96	21	6	020	77	5	7	3	2	0	74	87	060	9	6	13	03	96	01	5	046	80	5	6	3	2	0	75	75	— 1	— 4				65
Rajshahi	Pabna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	13	05	99	01	1	///	83	0	0	9	0	0	79	77						59
	Sirajganj ...																		000	0	4	18	02	96	02	2	004	83	4	4	6	0	0	79	///	—	—				64
	Rajshahi ...	000	0	4	00	00	96	02	1	011	78	2	4	5	3	0	74	87	000	0	6	13	02	96	02	1	045	83	2	4	5	3	0	75	75						—
	Bogra ...	005	3	7	13	03	97	03	2	016	85	6	5	4	3	0	75	///	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				69
	Dinajpur ...	000	9	3	09	02	96	01	1	011	85	3	0	9	4	1	76	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3	—				72
	Rangpur ...																																								84
Kashmir	Jammu ...																																								—
Lahore	Lahore (Jail Rd.) ...	000	0	0	16	03	96	06	0	975	97	0	0	9	0	0	74	98	000	0	0	13	05	96	06	0	017	84	0	0	9	0	0	77	82		0 + 3	9.2	— 1.6	12.2	19
	Sialkot ...	000	0	3	31	03	96	05	0	990	95	2	4	6	3	0	76	97	000	0	0	09	05	96	02	0	///	83	0	0	9	0	0	75	78	+ 3	0	20.1	+ 2.7	30.0	32
Rawalpindi	Jhelum ...	000	0	1	23	02	95	05	0	973	86	1	1	6	0	0	75	98	000	0	5	13	03	95	05	0	017	86	5	0	9	7	0	74	81			13.1	—	17.8	—
	Islamabad ...																																								—
	Rawalpindi ...	000	0	7	02	19	97	00	1	972	90	4	3	6	3	0	71	97	000	2	7	00	00	97	03	2	022	81	3	4	6	7	0	69	///	+ 3	—	24.8	+ 7.7	28.1	36
	Campbellpur ...																																								—
Sargodha	Khushab ...	000	0	0	05	05	97	06	0	964	00	0	0	9	0	0	73	01	000	0	0	00	00	...	00	0	970	83	0	0	9	0	0	76	///	+ 1	—	0.9	— 7.0	1.6	15
	Sargodha ...	000	0	0	13	05	96	06	0	968	98	0	0	9	0	0	74	00	000	0	0	09	03	96	06	0	013	84	0	0	9	0	0	74	80			6.2	—	10.2	—
	Lyallpur ...	000	0	0	00	00	97	00	0	965	93	0	0	9	0	0	60	99	000	0	0	00	00	97	00	0	010	86	0	0	9	0	0	74	80	+ 1	+ 1	5.1	— 1.6	8.4	12
Multan	Sahiwal ...																																								10
	Multan ...	000	0	0	18	07	96	05	0	971	97	0	0	9	0	0	71	98	000	0	0	18	07	96	02	0	010	83	0	0	9	0	0	69	80	— 2	— 2	2.5	— 1.6	3.1	7
	Leiah ...																																								8
Bahawalpur	Khanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	27	07	96	02	0	018	81	0	0	9	0	0	68	79			1.1	— 3.3	1.5	6
	Bahawalpur ...	000	0	8	23	02	96	00	0	958	98	0	0	9	0	0	66	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	— 3.6	2.1	6
	Fort Abbas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	///	/	/	0	31	04	98	00	0	910	/	0	0	9	0	0	/	78						8
Malakand	Chakdara ...	000	0	2	27	07	97	03	2	994	94	2	1	7	0	0	76	96	000	0	0	00	03	97	02	0	057	/	0	0	9	0	0	65	69			9.2	—	12.0	—
Peshawar	Peshawar ...	000	0	3	36	03	96	05	0	95	95	1	9	6	3	4	77	99	000	0	0	00	00	91	05	0	020	81	0	0	9	0	0	71	76	+ 1	+ 1	4.0	+ 0.6	13.4	11
	Hoti pur ...	000	0	0	23	03	97	00	0	583	93	0	0	9	0	0	75	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			23.6	—	31.5	—
D. I. Khan	Bannu ...	000	0	7	13	02	98	04	2	9 6	97	0	0	7	9	9	71	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			5.0	—	7.3	11
	D. I. Khan ...	000	0	0	36	03	96	03	0	968	00	0	0	9	0	0	75	01	000	0	0	05	03	96	05	0	017	85	0	0	9	0	0	78	81	+ 1	0	1.8	— 2.6	4.0	9
Quetta	Sibi ...																																								5
	Nokkundi ...	000	0	0	36	03	97	02	0	922	09	0	0	9	0	0	44	09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	—	0.2	2
Kalat	Turbat ...	000	0	0	25	06	94	00	0	963	10	0	0	9	0	0	89	///	000	0	0	13	02	98	00	0	017	85	0	0	9	0	0	78	83			0.0	—	0.0	—
	Jiwani ...	000	0	3	18	10	96	03	1	013	84	3	6	5	0	0	71	87	000	0	2	00	00	96	01	1	032	79	2	6	5	0	0	71	76			0.0	—	1.5	5
	Pasni ...	000	0	0	27	02	97	00	0	542	76	0	0	9	0	0	67	///	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						6
	Ormara ...	000	0	1	20	10	96	02	2	005	85	1	6	6	0	0	73	68	000	0	1	27	07	96	04	4	026	81	1	6	6	0	0	74	///			0.0	— 0.8	0.0	6
	Lasbela ...	///	0	0	13	02	98	00	0	011	96	0	0	9	0	0	71	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
Karachi division	Karachi (Manora) ...																																								8
	Karachi (Airport) ...	000	0	7	27	12	96	02	2	020	84	3	5	6	0	0	75	87	000	0	4	27	09	96	01	2	029	81	4	0	9	2	0	74	80			1.3	—	1.5	—
Hyderabad	Nagarparker ...																																								—
	Chhor ...	000	0	0	23	03	96	00	0	012	90	0	0	9	0	0	85	91	000	0	6	23	05	96	00	0	042	81	0	0	9	0	0	///	74			3.0	—	3.0	7
	Hyderabad ...	000	0	1	23	09	97	01	0	009	91	1	5	6	0	0	68	95	000	0	0	23	07	97	02	0	019	/	/	/	/	/	/	///	///	0	—	1.8	— 3.3	7.2	9
	Badin ...	000	0	3	23	10	96	01	0	021	91	3	4	6	0	0	67	93	000	0	3	23	05	96	02	0	033	80	2	0	9	4	1	73	77			1.7	— 4.0	1.7	—
Khairpur	Padidan ...	000	0	0	13	09	96	02	0	976	00	0	0	9	0	0	73	01	000	0	0	13	03	96	02	0	007	79	0	0	9	0	0	70	75			0.1	—	0.2	—
	Nawabshah ...	000	0	0	18	16	96	02	0	967	97	0	0	9	0	0	76	00	000	0	1	18	07	96	03	0	011	80	0	0	9	0	0	74	76			0.6	—	0.6	4
	Sukkur ...	000	0	4	23	05	96	02	0	972	93	0	2	9	0	0	67	96	000	0	4	20	05	96	02	0	008	81	4	2	9	0	0	75	74			1.8	—	2.2	—
	Kashmore ...	000	0	0	23	03	98	02	0	967	97	0	0	9	0	0	72	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						4
	Jacobabad ...	000	0	0	13	07	96	05	0	974	97	0	0	9	0	1	71	97	000	0	8	13	07	96	02	0	009	81	0	0	9	0	0	70	79	— 7	— 2	2.6	+ 0.5	2.6	20
Junagadh	Veraval ...																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar * ...																																								71
	Gulmarg ** ...																																								26
	Sonamarg ** ...																																								3
	Dras ** ...																																								6
	Leh ** ...																																								—
	Skardu * ...																																								—
	Miagar ** ...																																								5
	Allabad * ...																																								59
	Gilgit * ...																																								18
Rawalpindi	Murree * ...																																								29
Malakand	Drosh * ...																																								—
Peshawar	Cherat * ...																																								—
	Kakul * ...	000	4	5	16	09	95	05	6	431	81	4	3	6	3	0	61	87	000	0	1	27	03	97	01	1	454	75	0	0	9	0	2	40	///			32.5	—	38.4	29
	Landikotal * ...	000	0	6	09	05	97	02	2	427	90	6	5	/	0	0	65	94	000	0	0	36	02	98	02	0	469	79	0	0	9	0	0	60	68			10.5	—	20.5	13
	Parachinar * ...	000	0	4	16	07	97	17	9	441	79	4	9	6	6	0	56	83	000	0	0	16	02	97	02	0	462	75	0	0	9	0	0	54	67	— 2	+ 3	10.5	—	16.1	11
D.I. Khan	Miranshah * ...	000	0	4	05	05	96	03	0	442	96	4	0	9	0	0	69	96	000	0	0	00	00	98	02	0	451	78	0	0	9	0	0	40	79			0.9	— 2.7	1.8	13
	Wana * ...	000	0	4	13	06	97	03	0	399	89	4	5	8	0	0	82	92	000	0	0	00	00	98	00	0	409	60	0	0	9	0	0	73	71			1.0	—	1.6	—
Quetta	Fort Sandeman * ...	000	0	2	23	03	97	08	0	395	58	3	4	7	0	0	54	98	000	0	0	31	02	97	02	0	441	79	0	0	9	0	0	66	73	— 1	+ 1	1.9	— 2.3	3.2	9
	Hindubagh * ...	000	0	0	20	02	98	02	0	///	93	0	0	9	0	0	///	96	000	0	0	25	02	98	02	0	///	74	0	0	9	0	0	41	60			0.4	—	2.3	—
	Loralai * ...																																								14
	Barkhan * ...																																								9
	Harnai * ...	000	0	0	31	01	96	02	0	432	95	0	0	9	0	0	62	98	000	0	0	31	01	///	///	/	427	81	0	0	9	0	0	66	77			0.0	— 5.7	0.2	8
	Samungli (Quetta) * ...	000	0	1	31	05	99	02	0	407	93	1	2	9	0	0	50	96	000	0	0	13	02	96	02	0	447	72	0	0	9	0	0	61	63	+ 4	— 6	0.0	— 0.4	3.7	—
	Chaman * ...	000	0	0	00	00	98	02	0	429	95	0	0	9	0	0	62	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—	0.0	— 0.1	2.0	—
	Nushki * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	07	05	97	02	0	437	87	0	0	9	0	0	34	67			0.0	—	1.5	4
	Dalbandin * ...	000	0	0	31	03	97	02	0	422	05	0	0	9	0	0	///	07	000	0	0	00	00	96	02	0	422	80	0	0	9	0	0	///	68	+ 2	— 1	0.0	— 0.3	0.5	7
Kalat	Kalat * ...	000	0	0	///	///	///	///	/	382	69	0	0	9	0	0	67	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0		0.0	— 1.1	1.4	—
	Khuzdar * ...	000	0	6	13	12	97	03	1	401	95	4	8	7	3	2	///	99	000	0	0	00	00	96	02	0	419	78	0	0	9	0	0	64	75			1.4	—	1.7	5
	Panjgur * ...	000	0	3	23	03	96	03	0	420	99	3	5	6	0	0	68	///	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—

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 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

When ever 999 is given RRR see the summary boxes for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 21st AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$	N ddFF	$VV_{ww}W$	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	Surface	1000mb	850mb	700mb	500mb	400mb	300mb	200mb	150mb	100mb	70mb	50mb	30mb
		PoPoPoToToToDoDo	hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	...	...	470 180 16	119 100 17	586 051 27	...	569 311 61	...	...	...	...	...	...
Dacca ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	000 264 48	...	450 216 61	114 128 65	584 039 //	756 151 //	968 301 //	247 453 //	427 50? //	697 593 /6	...	...	...
Multan ...														
Peshawar ...	00 00	961 250 45	...	390 210 //	069 128 //	583 029 //	757 099 //	794 227 //	260 413 //	...	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT_a DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmPmPmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	$P_tP_tP_tT_tT_tT_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

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

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 1	2	3	4	5	6	7	8	9	10
Barisal ...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	055 12	105 12	135 17	195 13	345 10	290 13	290 13	130 25
Chhor ...	220 13	220 15	215 13	195 06	180 03	...	...	...	...
Chittagong ...	180 17	180 23	180 24	170 18	...	...	...	...	...
Char-t ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	180 16	180 21	170 19	215 14	231 55	245 17	...	...	...
Dacca ...	180 10	185 13	185 16	170 19	163 19	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	185 15	170 14	160 11	145 14	140 14	...	235 04	250 07	005 03
Drosh ...	...	...	...	230 11	220 15	205 17	350 06	315 07	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	155 10	155 03	155 06	180 04	185 07	115 05	325 09	060 17	360 16
Jessore ...	...	...	...	...	...	...	...	...	...
Jhelum ...	175 10	175 09	170 07	210 07	215 04	280 03	230 03	...	...
Jiwani ...	185 12	180 16	180 14	075 11	035 11	...	...	...	...
Karachi ...	245 15	250 11	250 12	...	255 10	...	...	...	...
Khanpur ...	205 09	200 08	205 10	165 13	175 [illegible]	165 13	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	300 07	230 03	220 04	185 08	135 10	...	...	...	...
Multan ...	210 13	200 13	190 11	250 11	230 13	240 17	260 17	...	...
Nawab Shah ...	195 12	215 11	215 07	125 75	085 06	110 07	230 05	005 10	035 11
Nokkundi ...	...	...	010 04	050 03	265 03	265 08	330 12	010 05	330 08
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	040 10	095 04	185 09	200 12	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	340 07	325 08	220 05	330 12	305 13
Sargodha ...	...	...	...	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (ddfff)

Height in kms. a.s.l.-->	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...
Char-t ...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...
Dacca ...	175 09	185 10	...	...	...	...
Dalbandin ...	...	...	...	...	...	...
D. I. Khan ...	090 06	080 04	...	110 08	120 10	140 14
Drosh ...	...	...	...	225 04	210 03	181 06
Fort Sandeman ...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...
Jacobabad ...	150 08	175 13	225 10	340 04	055 04	235 05
Jessore ...	...	...	...	...	...	...
Jhelum ...	110 13	110 19	110 15	170 04	210 04	145 06
Jiwani ...	210 07	205 07	175 05	060 06		...
Karachi ...	...	...	...	...	...	...
Khanpur ...	205 17	220 06	230 26	275 07	245 14	040 01
Khuzdar ...	...	...	...	...	...	...
Lahore ...	130 08	135 14	140 15	100 09	210 04	270 06
Multan ...	...	...	...	...	...	...
Nawab Shah ...	205 22	220 06	360 05	245 01	065 08	075 14
Nokkundi ...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	330 02	160 02	240 09	305 23	355 14
Parachinar ...	...	...	...	220 01	250 04	290 10
Quetta ...	...	...	...	290 09	130 03	...
Sargodha ...	...	...	...	...	300 07	330 03
Skardu ...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (ddfff)

Height in kms. a.s.l.-->	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	120 03	105 06	090 04	320 07	270 08	280 13	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...
Char-t ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	145 06	155 07	165 08	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	100 03	050 04	...	165 06	150 06	125 11	090 20	135 04	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	205 04	180 03	170 03	350 09	...	...	...	...	...	...	...
Karachi ...	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	120 12	120 11	120 08	100 04	...	...	...	...	...	...	...
Multan ...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	190 04	350 33	020 05	090 09	110 09	130 07	085 13	065 09	...	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	030 01	120 03	105 06	...	060 09	...	295 10	...	280 05	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.8	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V_r V_r etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

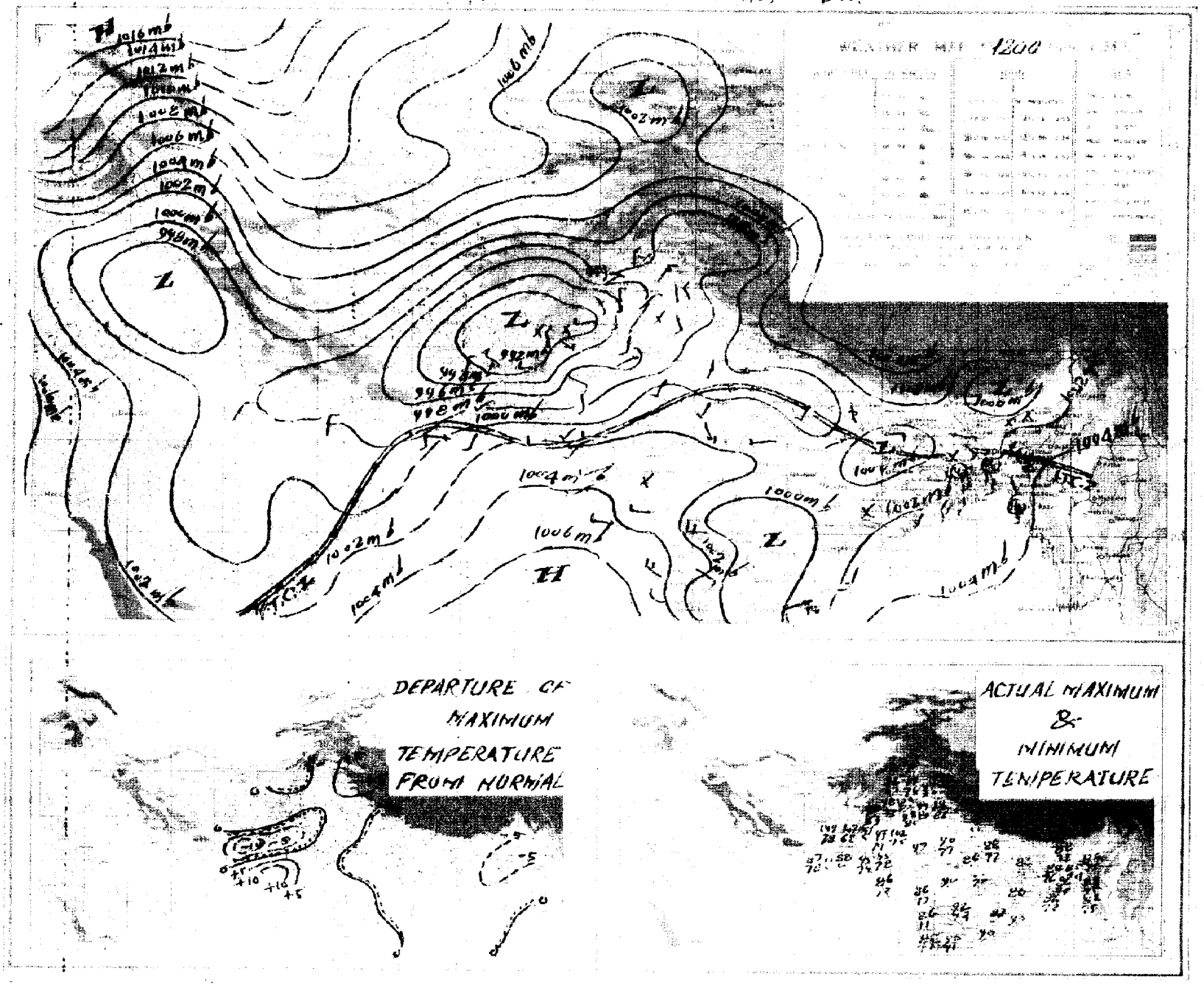
The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

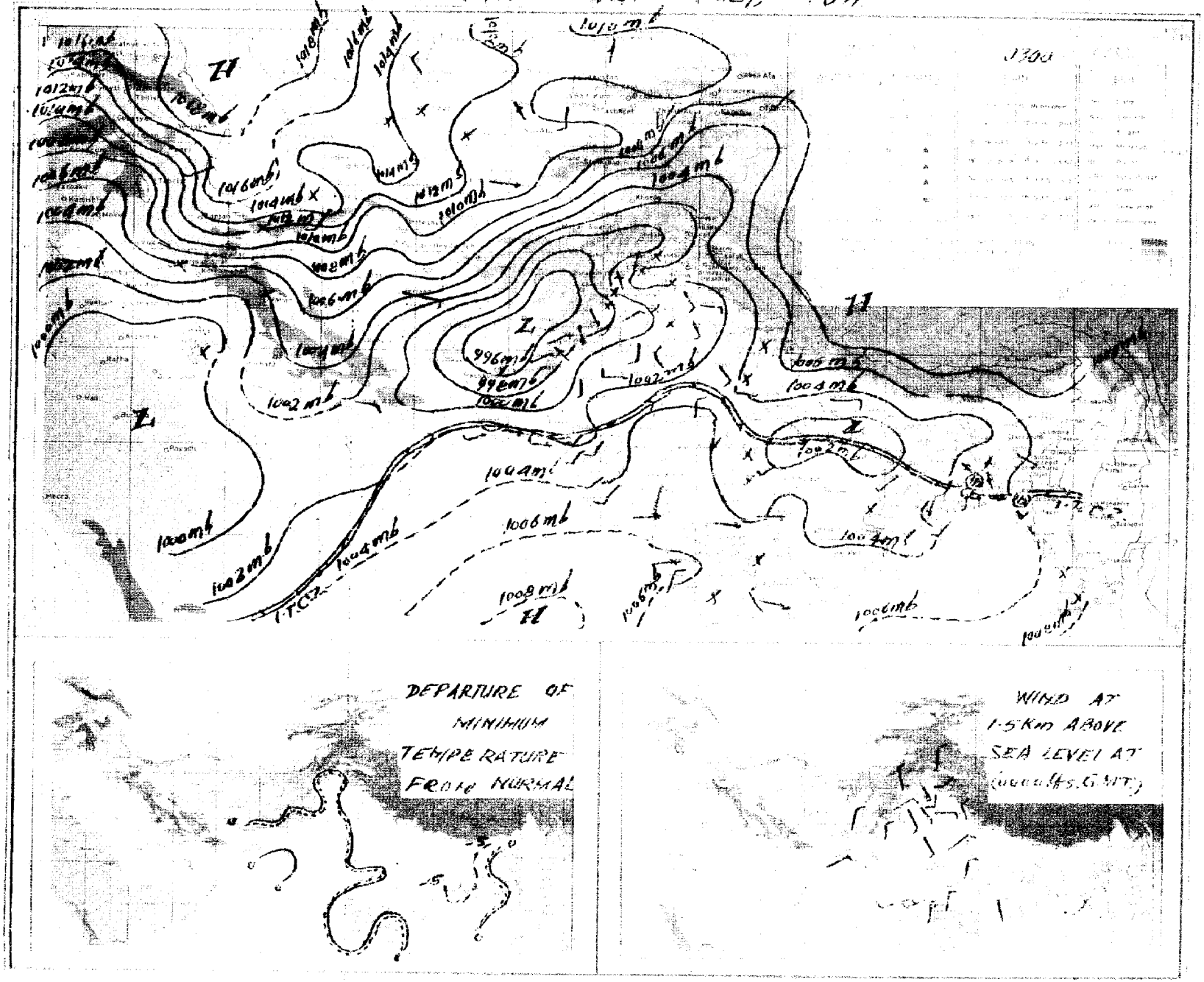
PAKISTAN DAILY WEATHER MAP

FRIDAY 20th AUGUST, 1971



PAKISTAN DAILY WEATHER MAP

SATURDAY 21st JULY 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

FRIDAY THE 20th AUGUST, 1971.

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

Data from West Bengal and adjoining areas absent but apparently a low has formed over West Bengal and adjoining Bihar and Orissa. Monsoon trough extends upto northwest angle Bay of Bengal.

Rain/thundershowers have been widespread in Chittagong division and fairly widespread elsewhere over East Pakistan.

Seasonal low over Quetta and Kalat divisions continues to be well marked.

Yesterday's westerly low pressure wave over north Afghanistan and Russian Turkistan has moved slightly eastwards and now lies over East Russian Turkistan.

Scattered rain/thunderstorms have occured in Peshawar division.

Chief amounts of rainfall are Cox's Bazar and Chittagong 1¼" each, Sandwip and Rangamati 1" each, Dacca and Jessore ¾" each, Hatiya, Comilla and Srimangal ½" each and Sylhet Pabna, Bogra and Cherat ¼" each.

Day temperatures were 3—7 °F (2—4 °C) below normal in East Pakistan and were 3—5 °F (2—3 °C) above normal in Lahore and Malakand divisions.

Forecast valid until the evening of the 21st August. 1971 :—Rain/thundershowers will be fairly widespread over East Pakistan. Isolated rain/thundershowers are also likely to occur in Lahore, Rawalpindi, Peshawar and Malakand divisions and adjoining Kashmir.

Earth Quake Report Seismographs of the geophysical centre, Quetta have recorded an earth quake of severe intensity on 20th August, 1971 at 03 hours 26 minutes WPST. Its epicentre lies about 4600 miles northeast of Quetta near Kurile Island.

Karachi-32
The 20th August, 1971.

OBSERVATIONS

M. SHAHABUDDIN
for Director Meteorological Services.

At 12 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)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)° PPP (11)	Dry Bulb temperature° TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud from † GL (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 ...	119	5	7	16	09	95	60	6	047	75	6	7	3	1	/	75	81
	Cox's Bazar ...	002	3	7	13	05	96	02	5	031	79	6	4	4	5	0	76	82
	Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Maijdee Court ...	000	9	8	18	02	96	03	6	008	11	2	2	5	2	/	75	82
	Comilla ...	000	0	7	18	09	96	02	2	014	81	7	4	4	0	0	75	86
	Brahmanbaria ...																	
	Sylhet ...	003	9	3	00	00	97	02	6	010	81	1	2	6	3	0	77	82
	Srimangal ...	024	9	8	00	00	96	61	6	022	80	5	9	3	5	0	70	88
Dacca	Mymensingh ...	000	0	6	13	02	97	50	2	018	84	6	5	4	0	0	81	91
	Narayanganj ...	000	0	8	23	02	99	02	2	//	82	8	6	3	/	/	75	84
	Dacca (Tjegaon ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Faridpur ...	025	6	4	20	02	96	02	6	994	82	2	3	3	1	0	75	82
Khulna	Barisal ...	004	9	7	21	09	96	03	2	015	81	5	4	4	7	0	70	62
	Khulna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira ...	000	0	8	19	14	97	03	0	018	86	4	7	9	0	0	79	87
	Jessore ...	073	5	7	18	07	96	01	6	003	76	4	7	3	2	0	76	82
Rajshahi	Pabna ...	000	0	6	18	05	97	01	2	///	82	6	4	6	0	0	75	82
	Sirajganj ...	000	0	6	18	03	97	02	0	002	81	7	4	5	0	0	79	//
	Rajshahi ...	140	8	8	18	01	96	61	6	000	77	2	4	9	1	1	//	//
	Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinajpur ...	000	9	7	09	02	96	17	1	983	84	5	3	6	2	1	79	90
	Rangpur ...	008	7	7	09	02	96	03	6	///		5	5	6	2	0	79	87
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	27	01	96	06	0	955	96	0	0	9	0	0	74	97
	Sialkot ...	000	0	0	00	00	96	05	0	958	95	0	0	9	0	0	76	97
Rawalpindi	Jhelum ...	000	0	0	13	02	95	05	0	952	96	0	0	9	0	0	73	98
	Islamabad ...																	
	Rawalpindi ...	000	0	1	18	03	96	06	0	947	95	1	1	6	0	0	72	96
	Campbellpur ...	000	0	0	18	02	98	00	0	///	97	0	0	0	0	0	97	99
Sargodha	Khushab ...	000	0	0	00	[illegible]	[illegible]	06	0	94[illegible]	00	0	0	9	0	0	76	01
	Sargodha ...	000	0	0	18	15	96	06	0	949	99	0	0	9	0	0	75	01
	Lyallpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan	Sahiwal ...																	
	Multan ...	000	0	0	18	05	96	06	0	951	98	0	0	9	0	0	72	99
	Leiah ...																	
Bahawalpur	Khanpur ...	000	0	0	23	03	96	02	0	950	99	0	0	9	0	0	67	01
	Bahawalpur ...	000	0	0	00	00	96	00	0	983	99	0	0	9	0	0	66	00
	Fort Abbas ...	000	0	2	23	04	96	00	2	952	//	0	0	9	0	0	92	//
Malakand	Chakdara ...	000	0	0	27	05	97	03	3	992	95	1	1	7	0	0	77	96
Peshawar	Peshawar ...	000	0	6	05	03	96	17	9	932	92	3	9	6	0	1	64	98
	Haripur ...	000	0	0	13	03	98	00	0	962	91	0	0	9	0	0	73	93
D.I. Khan	Bannu ...	000	0	6	00	00	98	04	2	856	96	0	0	9	7	0	79	99
	D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Sibi ...																	
	Nokkundi ...	000	0	0	13	03	97	02	0	908	05	0	0	9	0	0	29	07
Kalat	Turbat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jiwani ...	000	0	1	18	12	96	02	1	002	84	1	6	5	0	0	72	87
	Pasni ...	000	0	0	27	02	96	02	0	//	//	0	0	9	0	0	67	//
	Ormara ...	000	0	1	27	10	96	02	1	935	86	1	6	0	0	0	71	87
	Lasbela ...	000	0	2	05	01	98	00	0	975	97	0	0	9	0	0	69	99
Karachi division	Karachi (Manora) ...																	
	Karachi (Airport) ...	000	0	7	23	12	96	03	2	005	65	7	6	4	0	0	77	85
Hyderabad	Nagarparker ...																	
	Chhor ...	000	0	4	22	17	96	02	2	986	91	2	5	6	3	0	70	94
	Hyderabad ...	000	0	3	21	10	97	01	1	999	90	3	5	6	0	0	63	94
	Badin ...	000	0	3	23	02	96	08	0	008	99	3	4	6	0	0	70	94
Khairpur	Padidan ...	000	0	2	18	02	96	03	0	957	02	0	0	9	0	1	61	03
	Nawabshah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sukkur ...	000	0	0	10	32	96	02	0	953	02	0	0	9	0	0	73	05
	Kashmore ...	000	0	0	23	02	98	02	0	978	97	0	0	9	0	0	71	98
	Jacobabad ...	000	0	1	08	07	96	05	0	949	99	0	0	9	0	0	71	99
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	7	31	05	97	02	1	420	72	7	5	3	0	0	66	75
Malakand	Drosh * ...	000	0	3	23	02	98	01	0	371	93	2	2	7	6	0	37	00
Peshawar	Cherat * ...	000	0	6	01	04	95	03	1	424	84	6	4	8	0	0	67	87
	Kakul * ...	000	0	1	18	03	95	05	1	416	83	1	2	6	0	0	68	86
	Landikotal * ...	000	0	6	18	05	97	02	2	414	86	6	2	2	0	0	68	93
	Parachinar * ...	000	3	6	13	05	97	17	9	422	75	5	9	6	3	0	56	83
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	391	83	0	0	9	0	0	47	96
	Wana * ...	000	0	8	13	08	96	53	0	381	67	8	3	7	0	0	82	93
Quetta	Fort Sandeman * ...	000	0	1	13	05	96	05	0	377	97	1	1	7	0	0	56	98
	Hindubagh * ...	000	0	0	27	05	98	02	0	///	92	0	0	9	0	0	69	96
	Loralai * ...																	
	Barkhan * ...																	
	Harnai * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Samungli (Quetta) * ...	000	0	1	00	00	98	02	0	390	93	1	2	7	0	0	31	93
	Chaman * ...	000	0	0	07	03	96	00	0	429	9[illegible]	0	0	9	0	0	62	99
	Nushki * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dalbandin * ...	000	0	0	23	01	96	05	0	405	02	0	0	9	0	0	12	05
Kalat	Kalat * ...	000	0	0	09	01	92	00	2	384	66	0	0	9	0	0	47	90
	Khuzdar * ...	000	0	6	13	05	97	03	1	386	94	6	0	9	5	0	41	95
	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 degree 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 TnTn (36)	Departure from Normal of Maximum temperature TxTx (37)	Departure from Normal of Minimum temperature TnTn (38)	Rainfall Since 1st June, 1971 to-date (39)	Departure from normal (40)	Since 1st January, 1971 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	120	9	4	18	09	98	01	6	071	81	2	4	6	3	9	81	75	—	—				—
	Cox's Bazar	165	9	[illegible]	13	05	96	60	6	066	75	4	3	4	2	0	75	//	— 3	—				140
	Chittagong	144	7	7	13	07	96	02	6	063	81	4	5	4	3	0	75	75	—	— 1	111.3	+52.9	—	108
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3					115
	Comilla	060	7	4	16	00	96	02	6	056	81	4	4	5	0	0	73	73	— 1	— 3				94
	Brahmanbaria																							78
	Sylhet	033	9	7	25	05	96	02	6	063	81	4	4	5	2	0	75	75	—	—				—
	Srimangal	041	9	8	00	00	96	03	9	066	81	5	5	3	0	0	70	73	— 2	— 3				98
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4					91
	Narayanganj	072	1	8	13	02	97	03	6	055	79	6	6	3	3	...	77	//	— 3	—				74
	Dacca (Tjegaon	078	9	7	13	05	97	21	6	052	77	4	3	4	5	0	75	75	—	—	47.8	—	—	—
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 5					71
Khulna	Barisal	004	0	1	18	03	96	61	2	048	79	2	4	4	2	0	75	75	— 5	— 3				81
	Khulna	000	0	2	00	00	97	02	0	[illegible]6	82	0	0	9	0	0	79	77	—	—				68
	Satkhira	000	0	3	18	04	97	03	2	052	79	4	3	9	2	1	73	75	—	—				65
	Jessore	074	2	7	25	07	96	02	5	043	79	5	6	3	2	0	75	75	— 6	— 3				65
Rajshahi	Pabna	018	9	4	13	05	99	01	9	//	81	2	4	6	2	0	77	77	—	—				59
	Sirajganj	000	0	6	18	02	98	02	2	043	81	6	4	6	0	0	77	73	—	— 6				64
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Bogra	018	3	7	13	02	96	01	6	046	81	4	5	4	7	9	75	77	—	— 1				69
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						72
	Rangpur	022	8	7	13	02	96	02	6	032	79	2	5	9	3	2	77	79	— 2	+ 1				84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	18	02	96	06	0	994	87	0	0	9	0	0	75	83	— 1	+ 4	9.2	— 1.4	12.2	19
	Sialkot	000	0	0	13	02	97	02	0	997	84	0	0	9	0	0	78	79	+ 3	+ 1	20.1	+ 3.0	30.0	32
Rawalpindi	Jhelum	000	0	0	13	02	96	05	0	989	86	0	0	9	0	0	74	82	—	—	13.1	—	17.8	—
	Islamabad																							—
	Rawalpindi	000	0	0	00	00	96	04	0	987	84	0	0	9	0	0	76	79	+ 2	+ 5	24.8	+ 8.0	25.1	36
	Campbellpur	000	0	0	13	02	97	00	0	[illegible]	81	0	0	9	0	0	86	78	—	—	—	—	—	—
Sargodha	Khushab	000	0	0	00	00	96	06	0	995	78	0	0	9	0	0	77	//	+ 1	—	0.9	+ 6.6	1.6	15
	Sargodha	000	0	0	20	05	96	06	0	962	85	0	0	9	0	0	75	81	—	...	6.2	—	10.2	—
	Lyallpur	000	0	0	29	02	97	00	0	990	86	0	0	9	0	0	74	82	—	+ 2	5.1	— 1.4	8.4	12
Multan	Sahiwal																							10
	Multan	000	0	0	18	07	96	05	0	992	82	0	0	9	0	0	70	80	— 1	— 2	2.5	— 1.5	3.1	7
	Leiah																				—	—	—	8
Bahawalpur	Khanpur	000	0	1	23	10	96	02	0	998	80	0	0	9	0	1	69	76	—	—	1.1	— 3.3	1.5	6
	Bahawalpur	000	0	0	00	00	96	00	0	999	87	0	0	3	0	0	69	78	—	—	0.0	— 3.8	2.1	6
	Fort Abbas	000	0	0	31	04	98	00	0	910	90	0	0	9	0	0	83	00	—	—	—	—	—	8
Malakand	Chakdara	000	0	5	05	05	97	03	2	973	79	5	0	9	6	0	70	76	—	—	9.2	—	12.0	—
Peshawar	Peshawar	000	0	0	00	00	96	05	0	///	85	0	0	9	0	0	72	79	— 2	0	3.9	+ 0.7	13.4	11
	Haripur	000	0	0	36	03	97	00	0	985	86	0	0	9	0	0	74	78	—	—	23.6	—	31.5	—
D.I. Khan	Bannu	000	0	6	00	00	90	01	1	568	43	0	0	9	0	0		//	—	—	4.9	—	7.3	11
	D.I. Khan	000	0	0	18	02	96	05	0	984	56	0	0	9	0	0	76	81	—	0	1.8	— 2.5	24.0	9
Quetta	Sibi																							5
	Nokkundi	000	0	0	13	03	97	02	0	985	[illegible]	0	0	9	0	0	28	78	—	—	0.0	—	0.2	2
Kalat	Turbat	000	0	0	31	02	98	00	0	023	84	0	0	9	0	0	78		—	—	0.0	—	0.0	—
	Jiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	—	1.5	5
	Pasni	000	0	0	27	02	97	04	0	///	//	0	0	9	0	0	67	...	—	—	0.0	— 0.9	0.0	6
	Ormara	000	0	1	27	07	96	02	2	028	//	1	1	6	0	0	75	//	—	—	0.0	— 0.8	0.0	6
	Lasbela	000	0	0	00	00	98	00	0	028	79	0	0	9	0	0	73	78	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora)																							8
	Karachi (Airport)	000	0	7	2[illegible]	10	96	03	2	029	[illegible]	4	6	5	3	0	75	79	—	—	1.3		1.5	—
Hyderabad	Nagarparker																							—
	Chhor	000	0	4	23	16	96	03	0	019	79	2	0	9	3	2	72	75	—	—	2.0	—	3.0	7
	Hyderabad	000	0	0	23	07	97	02	0	017	81	0	0	9	0	0	71	78	— 1	— 1	1.8	— 3.2	2.2	9
	Badin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—	—	1.7	—
Khairpur	Padidan	000	0	0	16	05	96	02	0	994	81	0	0	9	0	0	71	77	—	—	0.2	—	0.2	—
	Nawabshah	000	0	0	18	05	96	02	0	005	81	0	0	9	0	0	75	77	—	—	0.6	—	0.6	4
	Sukkur	000	0	0	20	10	96	02	0	995	80	0	0	9	0	0	73	77	—	—	1.8	—	2.2	—
	Kashmore	000	0	0	00	00	98	02	0	987	82	0	0	9	0	0	72	77	—	—	—		—	4
	Jacobabad	000	0	0	18	05	96	05	0	997	81	0	0	9	0	0	71	81	— 5	— 1	2.6	+ 0.5	2.6	20
Junagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							3
	Dras **																							6
	Leh **																							—
	Skardu *																							—
	Misgar **																							5
	Aliabad *																							59
	Gilgit *																							18
Rawalpindi	Murree *	000	2	5	31	02	97	02	1	440	65	5	5	3	0	0	59	61	+ 2	0	34.4	+ 7.7	43.8	29
Malakand	Drosh *	000	0	0	00	00	98	01	0	441	81	0	0	9	0	0	49	71	+ 5	— 1	—	—	10.1	—
Peshawar	Cherat *	035	0	0	18	05	96	00	6	414	75	0	0	9	0	0	62	//	+ 1	//	10.4	+ 2.1	17.9	—
	Kakul *	000	0	3	27	03	94	05	1	436	74	2	2	6	3	0	70	73	—	—	32.4	—	38.3	29
	Landikotal *	000	0	4	36	02	97	02	2	431	81	4	6	3	0	0	68	71	—	—	10.5	—	20.5	13
	Parachinar *	000	0	0	00	00	97	02	0	441	74	0	0	9	0	0	56	65	— 2	0	10.5	—	18.1	11
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	465	81	0	0	9	0	0	66	70	—	—	0.9	— 2.7	1.8	13
	Wana *	000	0	0	00	00	98	00	0	391	72	0	0	9	0	0	67	67	—	—	0.9	—	1.6	—
Quetta	Fort Sandeman *	000	0	0	00	00	96	02	6	056	81	4	4	5	0	0	73	73	+ 1	+ 1	1.9	— 2.2	3.2	9
	Hindubagh *	000	0	0	02	05	98	02	0	///	80	0	0	9	0	0	53	63	—	—	0.4	—	2.3	—
	Loralai *																				—	—	—	14
	Barkhan *																				—	—	—	9
	Harnai *	000	0	0	05	01	96	02	0	406	83	0	0	9	0	0	07	//	—	—	—	—	2.0	8
	Samungli (Quetta) *	000	0	0	00	00	97	05	0	432	68	0	0	9	0	0	59	62	+ 1	— 4	0.0	— 5.6	0.2	—
	Chaman *	000	0	0	27	03	98	00	0	456	80	0	0	9	0	0	49	78	+ 1	+ 6	0.0	— 0.9	3.7	—
	Nushki *	000	0	0	09	03	97	02	0	436	85	0	0	9	0	0	38	79	—	—	0.0	—	1.5	4
	Dalbandin *	000	0	0	23	02	97	02	0	417	75	0	0	9	0	0	09	67	0	— 4	0.0	— 0.3	0.5	7
Kalat	Kalat *	000	0	0	13	03	91	00	2	418	69	0	0	9	0	0	42	68	— 1	+ 16	6.0	— 1.1	1.4	—
	Khuzdar *	000	0	0	27	03	96	02	0	416	76	0	0	9	0	0	62	74	—	—	1.4	—	1.7	5
	Panjgur *	000	0	0	18	05	96	05	0	997	81	0	0	9	0	0	71	81	—	+ 8	—	—	—	—

† 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 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

When ever 999 is given RRR see the summary bove for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 20th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99L.L.L.	Q.L.L.L.L.	YYGG.w	N dd FF	VV w w W	PPP TT	N.C.hC.C.	D.V.a PP	7RR t.t.	8N.Ch.h.	OT.T.T.T.	1T.T. T.T	3P.P.H.H.	d.d.P.H.H.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Sirdhana ...	99 2 49	10 6 21	19 1 23	02 2 08	98 0 11	00 0 28	00 0 00	...	...	...	05 1 21	...	30 2 02	...

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000mb	850mb	700mb	500mb	400mb	300mb	200mb	150mb	100mb	70mb	50mb	30mb
		PoPoPoToToToDoDo	hhh TTT. DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	002 256 22	...	980 176 91	...	..	...	...	...	...	..	...	...	...
Dacca ...	00 00	002 250 04	...	450 164 00	076 080 00	579 051 00	751 137 //	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	999 264 55	...	400 270 14	080 128 65	582 045 71	765 151 //	976 309 //	248 501 //	428 551 //	...	...	...	...
Multan ...														
Peshawar ...	00 00	957 262 58	...	370 230 50	061 124 //	579 061 //	...	...	...	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	976 293 50	MISDA	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT. DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmPmPmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	PtPtPtTtTtTt	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...

UPPER WIND DATA

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

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 1	2	3	4	5	6	7	8	9	10
Barisal ...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	215 03	195 04	220 07	155 01	315 05	295 07	...	...
Chhor ...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...
Dacca ...	175 12	13. 05	13. 04	160 04	325 10	110 05	010 09	315 07	335 10
Dalbandin ...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	180 05	155 09	150 09	125 13	110 15	095 15	085 29	070 27	265 08
Drosh ...	...	...	...	230 15	205 10	205 14	185 12	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Jahurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	155 12	160 08	180 07	175 05	320 03	255 05	265 06	280 04	285 09
Jessore ...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...
Jiwani ...	175 12	135 09	135 04	360 03	325 10	340 08	010 09	101 05	335 10
Karachi ...	245 20	240 26	...	...	...	...	...	...	...
Khanpur ...	220 09	225 12	225 15	210 15	205 13	190 09	255 10	255 18	260 22
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	265 07	225 03	235 09	155 09	225 10	285 06	...	...	...
Multan ...	200 07	195 08	195 08	250 03	231 13	245 15	285 12	275 07	270 13
Nawab Shah ...	195 17	225 14	230 09	160 04	115 06	110 03	280 05	315 07	320 06
Nokkundi ...	...	...	055 06	020 07	045 07	050 03	335 07	265 03	285 07
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	255 01	190 03	130 07	175 10	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	350 04	245 05	280 05	263 15	240 15
Sargodha ...	185 05	150 07	165 05	170 04	315 05	250 11	331 09	265 07	280 12
Skardu ...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (ddfff)

Height in kms. a.s.l.—>	0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Barisal ...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...
Chaklala ...	...	140 05	165 06	220 10	255 19	235 21
Chhor ...	230 16	240 36	245 32	215 18	...	...
Chittagong ...	170 14	170 15	170 15	...	...	...
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...
Dacca ...	165 12	210 13	200 13	...	...	...
Dalbandin ...	...	...	240 06	230 10	245 03	330 09
D. I. Khan ...	120 07	058 06	080 05	120 03	145 06	...
Drosh ...	...	...	...	035 02	165 02	185 04
Fort Sandeman ...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...
Jahurdi ...	...	...	...	...	...	...
Jacobabad ...	130 05	135 07	145 10	...	...	...
Jessore ...	...	...	...	...	...	...
Jhelum ...	132 06	150 16	...	...	...	...
Jiwani ...	180 04	175 07	150 09	130 08	175 06	045 09
Karachi ...	250 19	255 19	265 18	270 13	045 07	270 10
Khanpur ...	200 16	220 17	215 18	220 19	260 15	270 10
Khuzdar ...	...	...	...	265 07	285 06	260 11
Lahore ...	155 04	220 05	245 06	2.5 10	280 18	310 12
Multan ...	210 19	205 31	210 32	...	...	...
Nawab Shah ...	215 20	220 11	230 04	100 10	090 08	065 12
Nokkundi ...	...	...	295 02	350 04	360 09	015 15
Panjgur ...	...	...	...	240 07	290 02	325 07
Peshawar ...	...	300 05	300 05	225 05	190 04	305 03
Parachinar ...	...	...	...	305 02	080 03	...
Quetta ...	...	...	...	...	280 05	270 07
Sargodha ...	115 01	110 05	115 07	115 11	115 08	260 03
Skardu ...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (ddfff)

Height in kms. a.s.l.—>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	150 09	145 05	180 03	340 05	225 04	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	170 08	160 14	160 17	160 17	145 17	130 19	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Jahurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	145 06	220 04	220 04	275 02	275 05	255 06	095 10	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	200 07	155 06	130 09	...	...	...	...	...	...	...	...
Karachi ...	245 12	250 19	245 16	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	250 07	240 08	155 05	080 06	...	...	...	...	...	...	...
Multan ...	145 15	145 16	155 11	175 05	150 09	225 07	255 09	255 05	295 05	...	...
Nawab Shah ...	130 05	130 05	1-0 10	...	...	...	...	...	...	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	010 06	350 06	335 06	300 06	270 10	240 05	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	160 02	190 03	150 05	105 09	125 06	300 13	345 05	070 02	150 06	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V, V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

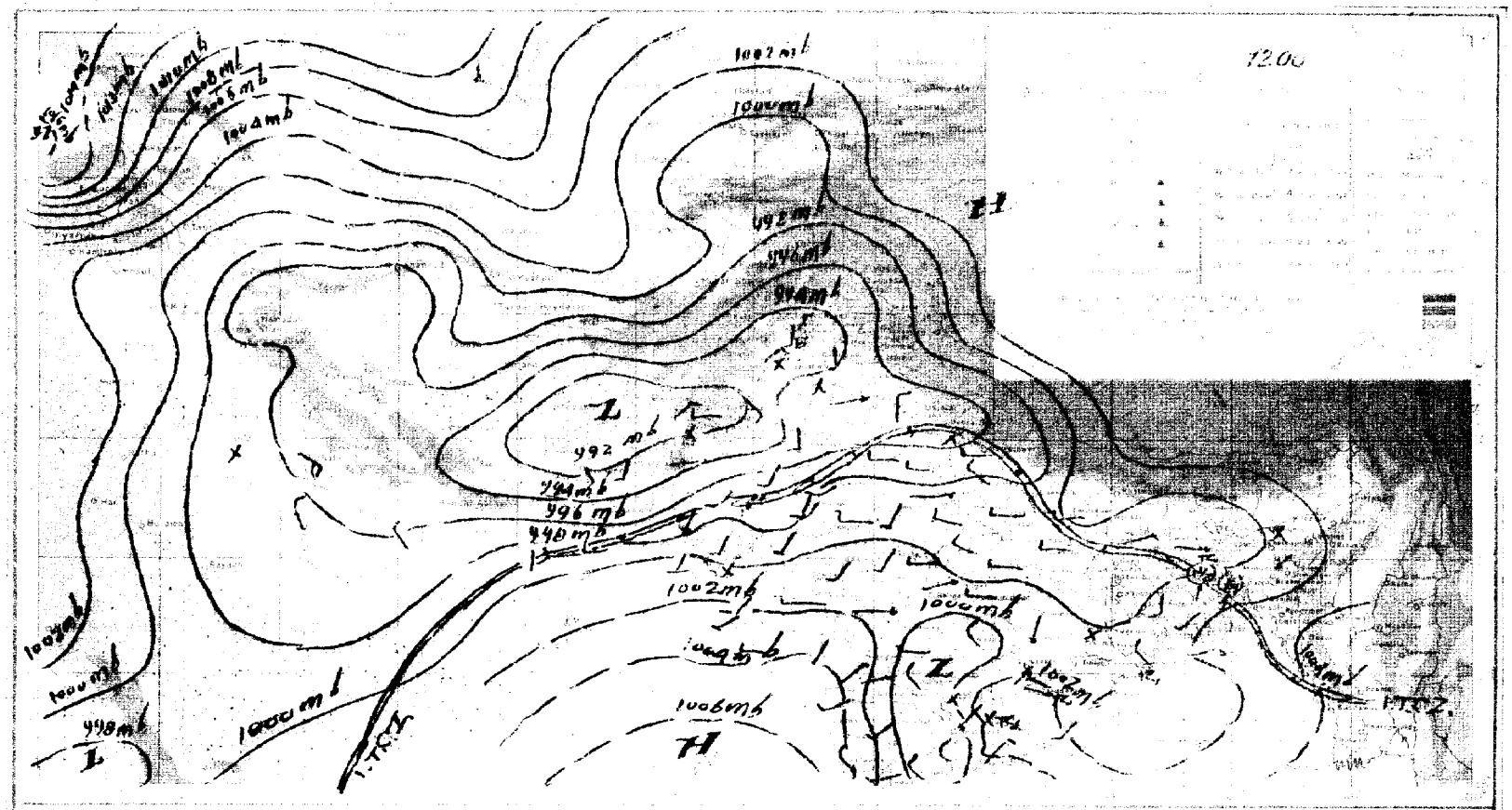
The actual time of observations may vary within half an hour of the specified time.

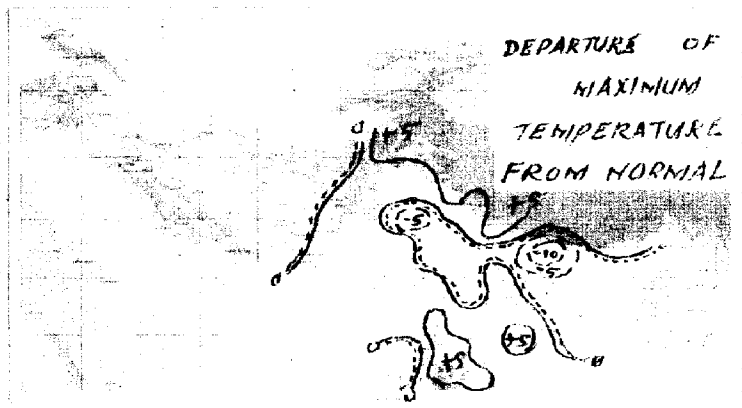
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

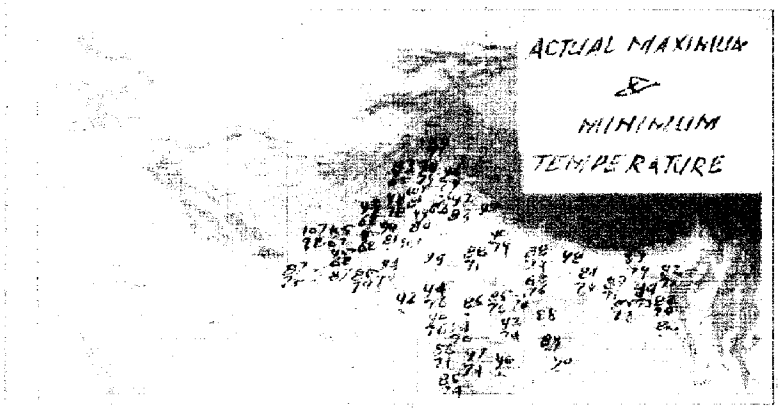
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

PAKISTAN DAILY WEATHER MAP

THURSDAY 19th AUGUST 1971

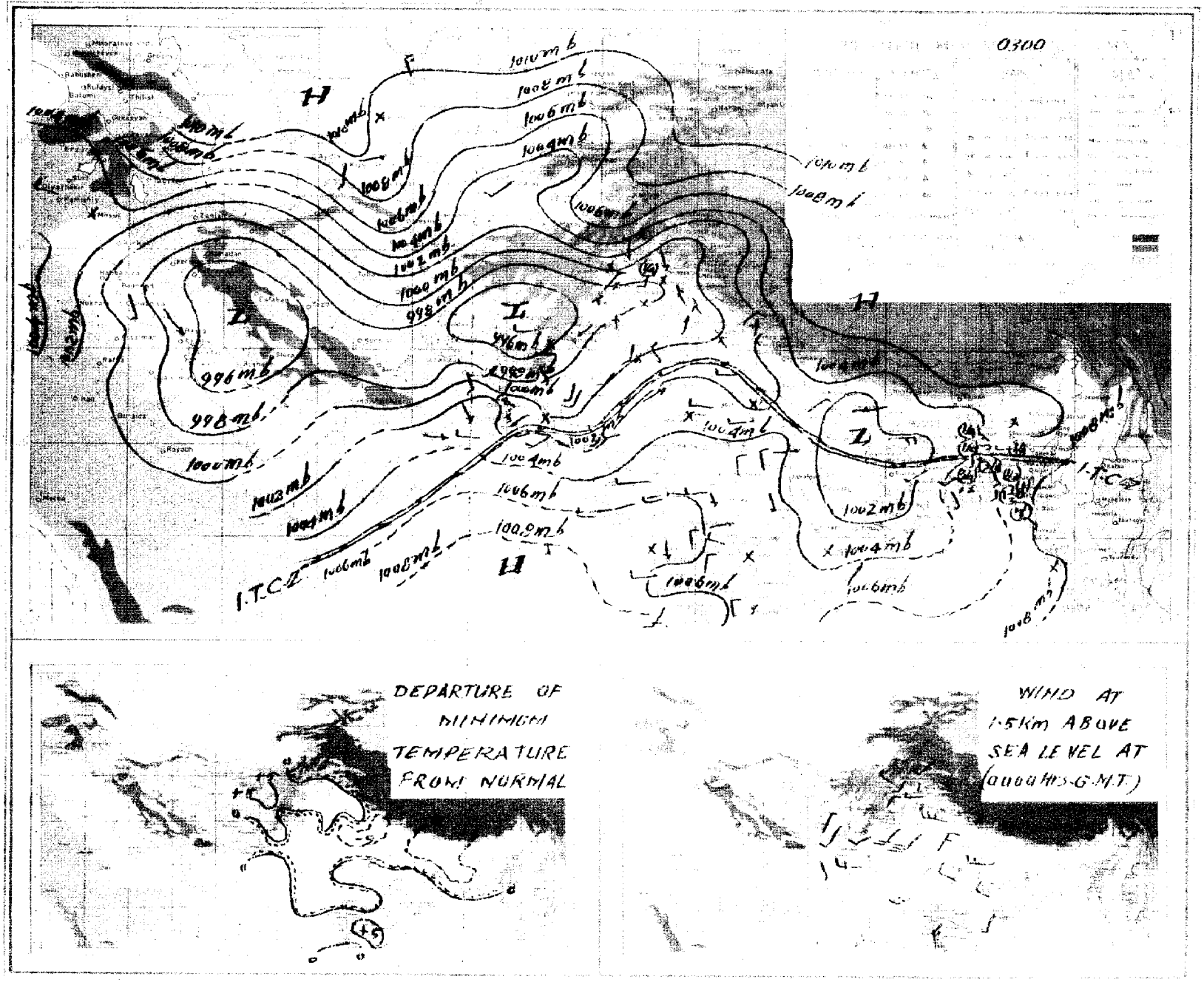






PAKISTAN DAILY WEATHER MAP

FRIDA 20th AUGUST, 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

THURSDAY THE 19th AUGUST, 1971.

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

The axis of monsoon trough has shifted southwards and now runs across Dacca, Khulna and southern Chittagong divisions.
Rain/thundershowers have been widespread in Dacca, Chittagong and Khulna divisions and fairly widespread in Rajshahi division.
Yesterday's westerly low pressure wave north of Kashmir and its associated trough over Rawalpindi and Peshawar divisions have moved away eastwards.
The seasonal low over Quetta and Kalat divisions continues to remain well marked.
A fresh westerly low pressure wave in moving across north Afghanistan and Russian Turkistan.
Scattered rain has been reported from Peshawar division and thunderstorms from Rawalpindi division.
Chief amounts of rainfall are Srimangal 6", Sylhet 4", Hatiya, Cox's Bazar and Chittagona 3" each, Rangamati and Narayanganj 2" each, Sandwip, Maijdee-Court, Dacca and Pabna 1½" each, Comilla 1", Satkhira ¾", Barisal, Khulna and Bhola ⅛" each and Jessore and Haripur ½" each.
Day temperatures were 4—10 °F (2—6 °C) below normal in Chittagong division and 3—5 °F (2—3 °C) so in Rajshahi and Khairpur divisions and at a few stations in northern Kalat division.
Forecast valid until the evening of the 20th August. 1971 :—Rain/thundershowers will be fairly widespread in southern districts and local elsewhere over East Pakistan. Scattered thunderstorms/showers may also occur in Kashmir and in Rawalpindi and Peshawar divisions.

Karachi-32
The 19th August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

At 12 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)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present Weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)° PPP (11)	Dry Bulb temperature TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud from † GL (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 ...	113	6	8	16	09	95	61	9	046	75	9		9	3	/	75	84
	Cox's Bazar ...	135	9	8	09	03	96	60	6	038	75	5	4	4	4	0	75	//
	Chittagong ...	119	9	8	13	06	96	21	6	031	77	7	7	2	2	/	75	83
	Maijdee Court ...	040	9	8	18	02	96	03	6	008	81	3	5	5	2	/	81	81
	Comilla ...	000	0	7	00	00	96	02	2	015	75	7	4	4	0	0	75	82
	Brahmanbaria ...																	
	Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Srimangal ...	141	9	8	00	00	96	02	6	020	79	4	4	3	3	/	75	00
Dacca	Mymensingh ...	000	0	5	00	00	97	02	2	012	84	5	5	6	0	0	79	93
	Narayanganj ...	017	4	8	13	02	95	03	6	010	81	8	7	3	/	/	81	81
	Dacca (Tjegaon) ...	073	9	8	18	02	97	02	9	007	81	3	7	4	7	/	79	82
	Faridpur ...	000	0	8	16	05	96	02	2	997	84	6	4	5	/	0	79	86
Khulna	Barisal ...	008	0	7	18	03	96	03	2	015	81	3	5	4	2	8	79	84
	Khulna ...	000	0	6	00	00	97	02	0	959	84	3	3	4	0	0	81	85
	Satkhira ...	005	0	6	18	04	97	03	5	003	86	4	3	9	0	0	81	87
	Jessore ...	009	2	7	18	07	96	29	9	001	82	3	6	3	2	0	80	87
Rajshahi	Pabna ...	000	0	8	18	02	97	01	2	///	82	3	6	0	0	0	81	87
	Sirajganj ...	000	0	0	00	00	96	02	2	989	87	2	2	5	3	0	81	87
	Rajshahi ...	000	0	7	13	05	97	01	2	996	82	3	6	4	7	0	75	86
	Bogra ...																	
	Dinajpur ...	000	0	4	09	05	96	01	2	963	82	4	0	9	2	0	79	90
	Rangpur ...																	
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	27	03	96	06	0	955	95	0	C	9	0	0	74	97
	Sialkot ...	000	0	0	22	02	97	01	1	955	94	0	0	9	0	0	75	97
Rawalpindi	Jhelum ...	000	0	0	23	02	97	02	0	940	96	0	0	9	0	0	75	99
	Islamabad ...	000	0	1	13	02	96	06	0	942	94	/	1	6	0	0	79	95
	Rawalpindi ...	000	0	0	13	01	98	00	0	///	95	0	0	9	0	0	35	99
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	6	00	00	97	03	2	949	99	4	2	9	2	4	78	//
	Sargodha ...	000	0	0	18	07	95	06	0	964	98	0	0	9	0	0	74	00
	Lyallpur ...	000	0	0	12	06	97	00	0	943	93	0	0	9	0	0	61	99
Multan	Sahiwal ...																	
	Multan ...	000	0	0	23	10	97	01	0	991	91	0	0	9	0	0	51	98
	Leiah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	Khanpur ...	000	0	0	23	07	96	01	0	976	00	0	0	9	0	0	62	00
	Bahawalpur ...	000	0	0	02	02	96	00	0	999	99	0	0	9	0	0	69	01
	Fort Abbas ...	000	0	0	23	04	98	00	0	///	//	0	0	9	0	0	62	//
Malakand	Chakdara ...	000	0	2	27	07	97	03	0	991	96	2	0	9	3	0	75	99
Peshawar	Peshawar ...	000	0	5	00	00	96	05	1	935	97	2	3	6	3	0	73	99
	Haripur ...	009	0	0	23	02	98	00	0	556	92	0	0	9	0	8	74	95
D.I. Khan	Bannu ...	000	0	6	16	02	98	03	2	956	99	0	0	9	7	0	72	00
	D. I. Khan ...	000	0	0	18	07	96	05	0	945	99	0	0	5	0	0	75	00
Quetta	Sibi ...																	
	Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kalat	Turbat ...	000	0	0	11	04	98	60	0	993	//	0	0	9	0	0	71	//
	Jiwani ...	000	0	0	18	10	96	01	1	008	84	1	6	5	0	0	71	89
	Pasni ...	000	0	C	23	03	95	04	0	///	//	0	0	9	0	0	42	//
	Ormara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lasbela ...	000	0	0	23	04	96	00	0	981	96	0	0	9	0	0	70	97
Karachi division	Karachi (Manora) ...																	
	Karachi (Airport) ...	000	0	5	23	14	96	03	1	008	85	5	5	5	0	0	75	87
Hyderabad	Nagarparker ...																	
	Chhor ...	000	0	0	23	14	96	05	0	378	97	1	1	7	0	0	55	98
	Hyderabad ...	000	0	0	23	10	97	01	0	991	//	0	0	9	0	0	51	//
	Badin ...	000	0	4	21	12	96	01	1	008	90	4	4	6	0	0	69	93
Khairpur	Padidan ...	000	0	2	18	05	96	03	0	947	03	0	0	9	0	1	75	05
	Nawabshah ...	000	0	0	18	16	96	05	0	965	99	0	0	9	0	0	75	03
	Sukkur ...																	
	Kashmore ...	000	0	0	23	20	98	02	0	947	99	0	0	9	0	0	73	00
	Jacobabad ...	000	0	0	13	10	96	05	0	943	99	0	0	9	0	0	73	99
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	8	31	02	97	03	1	414	70	8	9	3	1	1	67	73
Malakand	Drosh * ...	000	0	5	23	09	97	03	1	378	90	4	9	7	6	0	42	96
Peshawar	Cherat * ...	000	0	4	18	05	97	02	0	411	82	4	4	8	0	0	69	85
	Kakul * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Landikotal * ...	000	0	6	14	05	97	02	2	406	88	6	6	3	0	0	87	95
	Parachinar * ...	000	0	4	13	02	97	02	0	407	81	4	5	6	0	0	57	84
D.I. Khan	Miranshah * ...	000	0	6	05	05	97	03	0	397	94	6	0	9	0	4	60	96
	Wana * ...	000	0	1	10	04	98	00	0	999	99	0	0	9	0	0	69	01
Quetta	Fort Sandeman * ...	000	0	1	23	14	96	05	0	378	97	1	1	7	0	0	55	98
	Hindubagh * ...	000	0	0	25	09	98	02	0	///	90	0	0	9	0	0	54	95
	Loralai * ...																	
	Barkhan * ...																	
	Harnai * ...	000	0	0	13	01	96	02	0	408	00	0	0	9	0	0	63	00
	Samungli (Quetta) * ...	000	0	1	00	00	98	02	0	363	92	1	1	0	0	0	73	93
	Chaman * ...	000	0	0	27	03	97	00	0	420	97	0	0	9	0	0	62	97
	Nushki * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dalbandin * ...	000	0	0	13	02	97	02	0	418	01	0	0	9	0	0	69	03
Kalat	Kalat * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khuzdar * ...	000	0	3	31	04	97	03	0	389	96	3	5	7	0	0	37	//
	Panjgur * ...	000	0	0	23	02	96	02	0	446	//	0	0	9	0	0	75	//

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

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 degree 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 TnTn (36)
Chittagong	Rangamati	263	5	7	18	09	98	02	6	062	77	5	7	7	5	7	77	73
	Cox's Bazar	268	3	8	14	05	96	63	6	005	90	5	5	3	5	0	75	75
	Chittagong	269	3	8	27	05	95	61	6	056	75	5	6	2	2	/	75	75
	Maijdee Court	130	5	8	18	02	96	02	6	026	77	2	6	5	5	2	75	75
	Comilla	115	6	4	16	05	96	02	6	042	79	2	4	4	5	0	79	75
	Brahmanbaria	379	9	6	13	02	95	21	6	044	77	7	7	3	2	2	75	75
	Sylhet	056	9	8	00	00	96	06	3	047	81	6	8	3	3	/	77	75
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narayanganj	145	9	8	13	05	96	61	6	039	77	5	7	3	2	/	75	73
	Dacca (Tjegaon)	040	0	8	16	05	97	02	2	029	81	6	4	5	1	0	77	77
	Faridpur	052	6	8	00	00	96	61	6	039	75	5	7	4	2		75	73
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna	007	5	4	00	00	97	03	5	032	77	4	7	9	0	0	75	73
	Satkhira	031	8	8	16	04	96	02	6	029	81	5	6	3	2	1	77	75
	Jessore	127	9	8	13	02	96	61	9		79	8	7	6	/		79	75
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajshahi	000	0	7	13	02	96	03	2	004	82	7	0	9	0	2	79	79
	Bogra																	
	Dinajpur																	
	Rangpur																	
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	23	03	96	06	0	973	86	0	0	9	0	0	75	82
	Sialkot	000	0	0	00	00	98	02	0	980	84	0	0	9	0	0	76	79
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	971	86	0	0	9	0	0	76	80
	Islamabad	000	0	2	00	00	97	03	0	975	80	2	8	6	0	0	71	75
	Rawalpindi	000	0	0	09	07	97	00	0	///	86	0	0	0	0	0	86	78
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	96	06	0	973	96	0	0	9	0	0	77	//
	Sargodha	000	0	0	18	09	95	06	0	973	87	0	0	9	0	0	76	80
	Lyallpur	000	0	0	16	07	97	00	0	969	87	0	0	9	0	0	74	82
Multan	Sahiwal	000	0	0	18	05	96	05	0	971	83	0	0	9	0	0	69	80
	Multan	000	0	0	36	08	94	02	0	991	//	0	0	9	0	0	70	//
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	Khanpur	000	0	0	23	05	96	02	0	970	79	0	0	9	0	0	65	//
	Bahawalpur	000	0	0	00	00	99	00	0	992	83	0	0	9	0	0	72	79
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malakand	Chakdara	000	0	8	00	00	97	02	0	996	79	0	0	9	0	0	69	//
Peshawar	Peshawar	000	0	0	00	00	96	05	0	964	84	0	0	9	0	0	71	79
	Haripur	000	0	0	23	05	96	02	0	981	83	0	0	9	0	0	71	76
D.I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. I. Khan	000	0	0	13	02	96	05	0	973	57	0	0	9	0	0	77	81
Quetta	Sibi																	
	Nokkundi	000	0	0	31	20	97	02	4	953	57	0	0	9	0	0	44	79
Kalat	Turbat	000	0	0	18	02	98	00	0	055	86	0	0	9	0	0	68	81
	Jiwani	000	0	7	16	03	96	05	1	020	79	2	6	4	0	0	71	//
	Pasni	000	0	7	18	02	96	03	1	020	79	7	6	4	0	0	72	77
	Ormara	000	0	6	27	03	96	06	6	016	60	6	6	6	0	0	76	//
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi division	Karachi (Manora)																	
	Karachi (Airport)	000	0	5	27	09	96	03	0	018	81	5	0	9	0	0	75	78
Hyderabad	Nagarparker																	
	Chhor	000	0	0	23	14	96	03	0	004	60	0	0	9	0	0	73	79
	Hyderabad	000	0	0	23	09	97	02	0	002	82	0	0	9	0	0	7:	78
	Badin	000	0	1	23	10	96	01	0	019	81	1	2	6	0	0	73	78
Khairpur	Padidan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nawabshah	000	0	0	18	07	96	05	0	974	82	0	0	9	0	0	73	77
	Sukkur																	
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jacobabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	003	2	5	27	02	97	01	9	421	//	5	5	4	0	0	62	60
Malakand	Drosh *	000	0	0	00	00	95	02	0	420	72	0	0	9	0	0	52	71
Peshawar	Cherat *	000	0	0	18	03	98	00	0	418	75	0	0	9	0	0	67	72
	Kakul *	000	0	1	18	02	95	05	1	420	75	1	2	6	0	0	67	67
	Landikotal *	000	0	2	36	02	97	03	0	431	81	2	0	/	3	0	66	75
	Parachinar *	009	0	0	00	00	97	02	0	426	71	0	0	9	0	0	59	66
D.I. Khan	Miranshah *	000	0	0	00	00	96	05	0	408	79	0	0	9	0	0	56	72
	Wana *	000	0	0	00	00	98	00	0	399	75	0	0	9	0	0	66	70
Quetta	Fort Sandeman *	000	0	0	00	00	96	05	0	408	79	0	0	9	0	0	56	72
	Hindubagh *	000	0	0	25	09	98	02	0	///	80	0	0	9	0	0	48	65
	Loralai *																	
	Barkhan *																	
	Harnai *	000	0	0	13	01	96	02	0	397	84	0	0	9	0	0	76	79
	Samungli (Quetta) *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chaman *	000	0	0	00	00	98	00	0	456	80	0	0	9	0	0	49	79
	Nushki *	000	0	0	09	03	97	02	0	458	87	0	0	9	0	0	34	82
	Dalbandin *	000	0	0	05	02	96	05	0	395	75	0	0	9	0	0	21	68
Kalat	Kalat *	000	0	0	18	01	90	00	2	400	//	0	0	9	0	0	43	67
	Khuzdar *	000	0	0	27	05	96	02	0	401	75	0	0	9	0	0	63	73
	Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Departure from Normal of / Rainfall

Divisions (1)	Stations (2)	Maximum temperature TxTx (37)	Minimum temperature TnTn (38)	Since 1st June, 1971 to-date (39)	Departure from normal (40)	Since 1st January, 1971 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	—	0				—
	Cox's Bazar	— 3	— 1	109.8	+52.0	—	140
	Chittagong	— 4	— 2				108
	Maijdee Court	— 5	— 1				115
	Comilla	—	—				94
	Brahmanbaria	+ 10	— 1				78
	Sylhet	+ 6					—
	Srimangal	+ 6					98
Dacca	Mymensingh	—	—				91
	Narayanganj	— 8					74
	Dacca (Tjegaon)	— 3	— 3	47.0	—	—	—
	Faridpur	—					71
Khulna	Barisal	—	—				81
	Khulna	—	—				68
	Satkhira	— 1	— 3				65
	Jessore	—	—				65
Rajshahi	Pabna	—	—				59
	Sirajganj	— 3					64
	Rajshahi	—					—
	Bogra						69
	Dinajpur	+ 1	+ 1				72
	Rangpur						84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 1	+ 3	9.2	— 1.2	12.2	19
	Sialkot	+ 3	+ 1	20.1	+ 3.3	30.0	32
Rawalpindi	Jhelum	—	—	13.1	—	17.8	—
	Islamabad	+ 1	0	24.8	+ 8.2	75.1	—
	Rawalpindi	—	—	—			36
	Campbellpur						—
Sargodha	Khushab	—	—	0.9	+ 6.7	1.6	15
	Sargodha	—	—	6.2	—	10.2	—
	Lyallpur	+ 1	+ 2	5.1	— 1.3	1.4	12
Multan	Sahiwal	— 2	— 2	2.5	— 1.5	3.1	10
	Multan	—	—	—	—	—	7
	Leiah						8
Bahawalpur	Khanpur	—	—	1.1	—	1.5	6
	Bahawalpur	—	—	0.0	— 3.7	2.1	6
	Fort Abbas			—	—	—	8
Malakand	Chakdara	—	—	9.2	—	12.0	—
Peshawar	Peshawar	+ 1	0	3.9	+ 0.7	13.4	11
	Haripur	—	—	23.6	—	31.5	—
D.I. Khan	Bannu						11
	D. I. Khan	0	0	1.8	— 2.5	4.0	9
Quetta	Sibi						5
	Nokkundi	—	—	0.0	—	0.2	2
Kalat	Turbat	—	—	0.0	—	0 0	—
	Jiwani	—	—	0 0	—	0 0	5
	Pasni	—	—	0 0	— 0.9	0.0	6
	Ormara	—	—	0.0	— 0.6	0.0	6
	Lasbela			—	—	0,0	8
Karachi division	Karachi (Manora)			—	—	—	8
	Karachi (Airport)	—	—	1.3	—	1.5	—
Hyderabad	Nagarparker						—
	Chhor	—	—	3.0	—	3.0	7
	Hyderabad	//	— 1	1.8	— 3.1	2.2	9
	Badin	—	—	1.7	— 4.0	1.7	—
Khairpur	Padidan	—		—	—	0.2	—
	Nawabshah	—	—	0.6	—	0.6	4
	Sukkur			—	—	2.2	—
	Kashmore	—		—	—	—	4
	Jacobabad	— 5		—	—	2.6	20
Junagadh	Veraval						26
	HILL STATIONS						—
Kashmir	Srinagar *						71
	Gulmarg **						26
	Sonamarg **						3
	Dras **						6
	Leh **						—
	Skardu *						—
	Misgar **						5
	Aliabad *						59
	Gilgit *						18
Rawalpindi	Murree *	0	— 1	34.4	+ 8.1	43.8	29
Malakand	Drosh *	+ 1	— 1	1.6	—	10.1	—
Peshawar	Cherat *	— 1	+ 2	10.0	+ 1.9	17.6	—
	Kakul *	—	—	22.4	—	38.3	29
	Landikotal *	—	—	10.5	—	20.5	13
	Parachinar *	— 1	+ 1	10 5	—	16.1	11
D.I. Khan	Miranshah *	—	—	0.9	—	1.8	13
	Wana *	—	—	0.9	—	1.6	—
Quetta	Fort Sandeman *	+ 1	5	1.9	— 2.3	3.2	9
	Hindubagh *	—	—	0.4	—	2.3	—
	Loralai *						14
	Barkhan *						9
	Harnai *	—	—	0.0	— 5.6	0.2	8
	Samungli (Quetta) *	+ 1		—	—	3.7	—
	Chaman *	— 1	+ 7	0.0	— 0.1	2.0	—
	Nushki *	—	—	0.0	—	1.5	4
	Dalbandin *	— 2	— 3	0.0	— 0.3	0.5	7
Kalat	Kalat *	—	+ 15	0.0	— 1.1	1.4	—
	Khuzdar *	—	—	1.4	—	1.7	5
	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 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
When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 19th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_w$ $_w$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_et_R	$8N_sCh_sh_s$	$O1_sT_sT_dT_d$	$1T_wT_wT_{wc}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dumra ...	99 2 23	10 6 86	19 0 02	82 3 13	98 0 22	02 6 27	89 4 //	35 5 03	...	88 9 93	05 4 24	...	30 5 03	...

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000$_{mb}$	850$_{mb}$	700$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$	70$_{mb}$	50$_{mb}$	30$_{mb}$
		PoPoPoToToToDoDo	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	603 260 10	...	470 196 16	116 100 22	584 041 37	757 135 40	971 279 /	248 501 / /	...	..	...	...	...
Dacca ...														
Gilgit ...														
Jiwani ...														
Karachi ...														
Multan ...														
Peshawar ...														
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT$_a$ DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									FmFmFmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	$P_tP_tP_tT_tT_tT_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms. a.s.l.—>	At 1200 hrs. G.M.T. † of Previous day (ddfff)									At 0000 hrs. G.M.T. † of date (ddfff)						At 0600 hrs. G.M.T. † of date (ddfff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 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
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	190 06	205 09	195 05	250 01	140 01	135 04	285 10	260 15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	230 21	225 22	220 20	235 12	240 03	110 06	095 09	...	...	335 15	235 35	235 35	150 09	160 05	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	165 19	140 27	185 24	230 17	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	180 11	205 12	205 12	215 12	260 15	...	...	...	...	200 09	200 10	...	...	...	...	150 11	155 19	165 13	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	265 06	275 10	280 13	285 19	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	160 11	170 08	140 09	130 13	115 14	085 17	005 09	320 13	300 12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	250 09	215 11	221 04	// //	120 05	...	...	...	...	220 04	240 01	210 02	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	205 04	235 06	310 28	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jalkurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	150 10	140 06	140 03	295 02	255 05	240 11	250 15	280 06	030 20	170 14	210 08	225 05	240 05	235 09	270 15	...	...	...	...	...	...	...	...	...	...	...
Jassore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	200 01	195 18	190 05	260 06	310 09	360 12	...	...	...	135 09	115 04	300 05	305 03	325 /	320 15	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	190 12	180 09	180 05	335 05	315 06	045 05	040 19	040 15	240 11	...	...	...	...	...	...	180 21	165 16	100 06	110 03	...	...	...	...	...	...	...
Karachi ...	235 19	260 15	255 21	...	...	...	...	...	...	...	...	...	...	...	...	245 17	250 15	...	...	...	...	...	...	...	...	...
Khanpur ...	205 17	200 14	290 15	195 13	250 15	270 17	245 16	245 17	261 15	225 14	210 13	210 14	235 17	275 14	260 08	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	250 06	265 07	245 07	215 08	215 11	...	...	...	...	140 03	175 02	195 02	225 03	235 03	280 05	265 03	260 06	220 04	145 04	270 04	300 15	...	...	...	...	...
Multan ...	185 12	185 10	175 15	225 04	280 05	010 05	...	...	...	150 10	155 12	155 13	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	200 17	215 14	255 08	200 03	030 05	110 03	135 04	310 06	335 04	...	...	...	...	...	...	225 14	240 05	150 03	180 06	160 05	125 07	210 07	245 10	260 06	...	...
Nokkundi ...	...	...	330 10	330 10	335 13	340 15	350 15	335 19	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	040 05	100 07	150 09	100 10	...	...	...	...	...	270 03	275 07	...	...	...	...	010 05	015 03	290 04	320 05	295 14	305 25	...	...	...	...
Parachinar ...	...	040 05	100 07	...	...	...	...	...	...	...	...	...	290 03	040 04	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	315 01	170 01	270 07	265 08	262 13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	160 08	160 06	160 07	175 07	050 02	115 12	190 07	280 11	275 10	...	...	...	...	...	...	165 03	210 05	180 05	120 07	335 03	320 06	265 11	270 10	260 11	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (Hiii Cdd V_v V_v etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

~~hhh (height)—Tens of geopotential metres.~~

TT—Dry Bulb temperatures in °C.

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

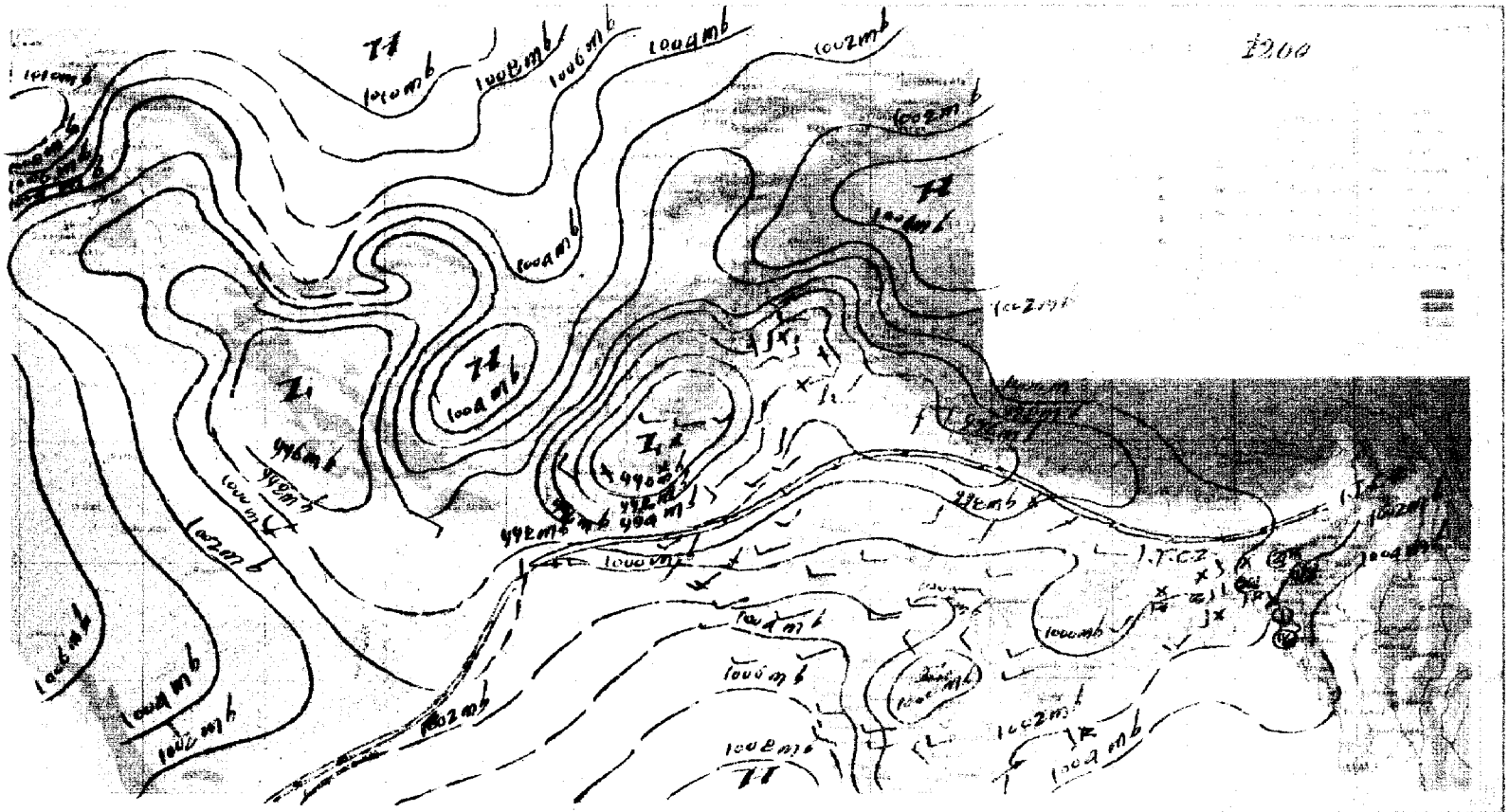
The actual time of observations may vary within ½ hr an hour of the specified time.

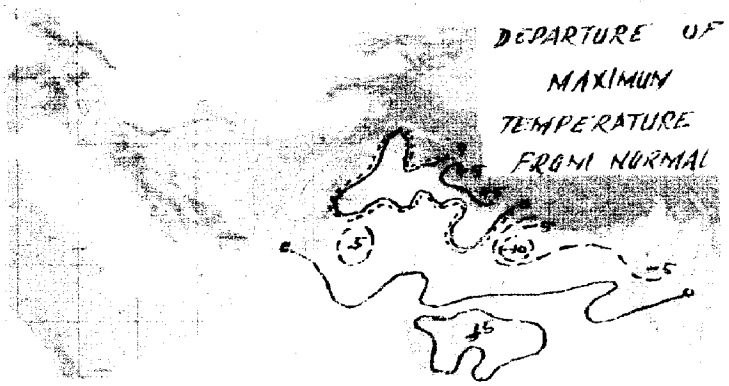
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

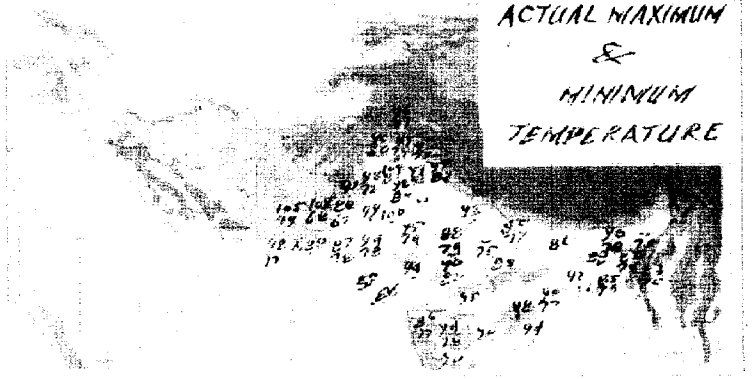
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 18th AUGUST 1971

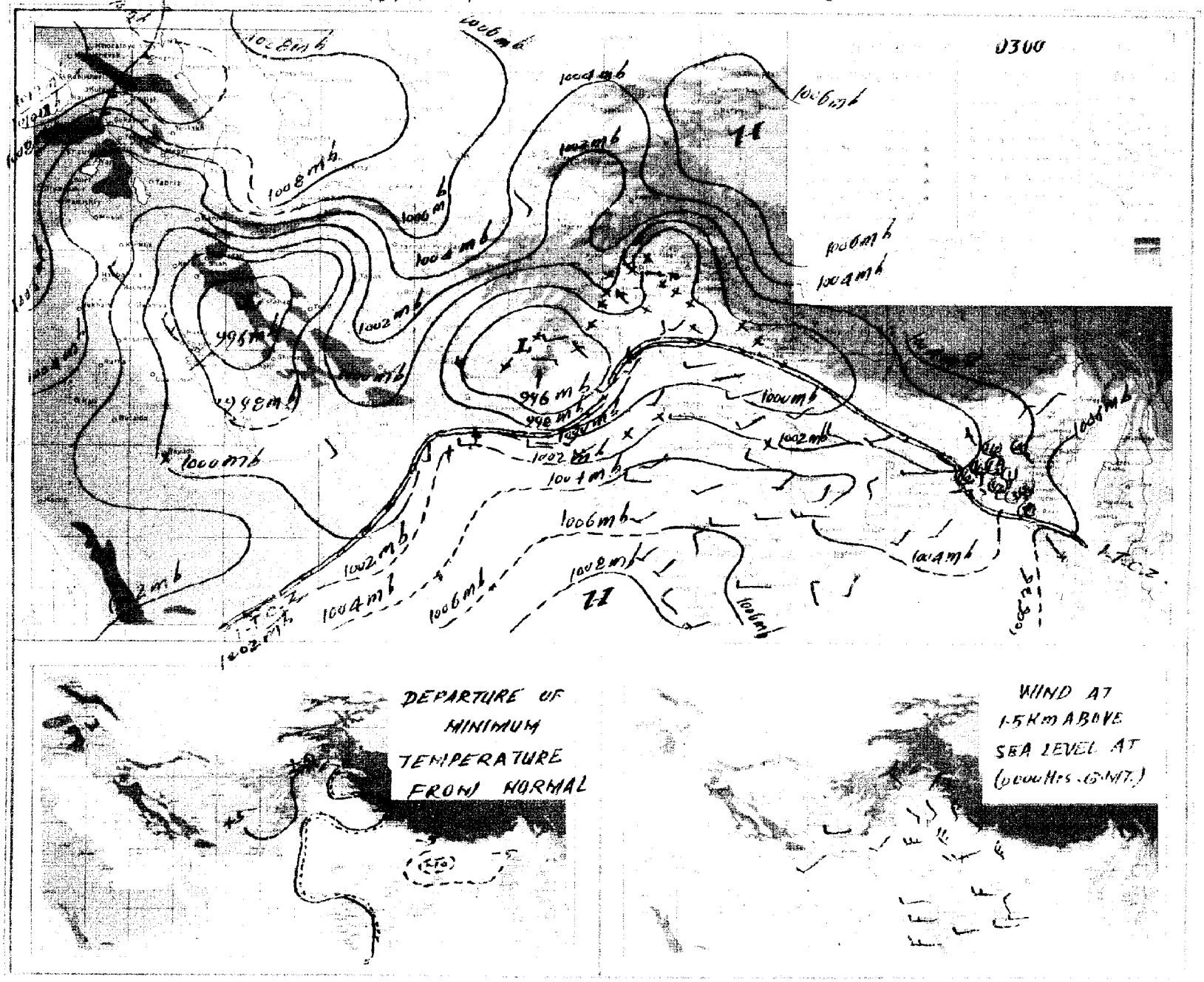






PAKISTAN DAILY WEATHER MAP

THURSDAY 19th AUGUST 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

WEDNESDAY THE 18th AUGUST, 1971.

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

Axis of the monsoon trough continues to run across northern areas of East Pakistan.

Rain/thundershowers have been widespread in Dacca and Rajshahi divisions, fairly widespread in Khulna division and local in Chittagong division.

Yesterday's westerly low pressure wave today lies north of Kashmir. Its associated trough now lies over Rawalpindi and Peshawar divisions and adjoining areas.

The seasonal low lies accentuated over Quetta and Kalat divisions.

Scattered thunderstorms have been reported from Lahore, Rawalpindi, and Peshawar divisions.

Chief amounts of rainfall are Sylhet 7", Srimangal, Narayanganj and Pabna 2" each, Mymensingh and Bhola 1½" each, Hatiya, Dacca, Faridpur and Barisal 1" each and Rajshahi ¼".

Day temperatures were 6—10 °F (3—6 °C) below normal in Khulna and Rajshahi divisions and at several places in Dacca division and were 3—5 °F (2—3 °C) so in northern Kalat and Peshawar divisions and at a few places in Chittagong division.

Forecast valid until the evening of the 19th August, 1971 :—Rain/thundershowers will be fairly widespread in East Pakistan with a few moderate to heavy falls, local in Rawalpindi division and scattered in Peshawar division. A few falls of drizzle are also likely to occur over coastal Kalat and Karachi divisions.

Karachi-32
The 18th August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Winds 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
1	2	RRR	Ws	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	000	0	6	08	05	98	03	1	047	83	4	7	5	7	0	83	87
	Cox's Bazar	000	0	6	16	06	96	02	2	039	85	4	4	4	2	0	77	87
	Chittagong	000	0	7	18	09	96	02	2	833	83	3	4	4	3	0	77	86
	Maijdee Court																	
	Comilla	000	0	4	09	00	96	02	1	031	80	4	4	7	0	0	77	85
	Brahmanbaria																	
	Sylhet	120	9	8	00	00	96	61	6	017	77	7	7	3	2		75	79
	Srimangal	128	9	8	09	00	96	05	0	983	99	0	0	9	0	0	69	00
Dacca	Mymensingh	000	0	5	00	00	97	02	2	016	89	5	5	5	0	0	79	93
	Narayanganj	080	2	9	23	03	95	03	6	028	79	8	7	3			77	81
	Dacca (Tejgaon	063	3	8	23	02	96	61	9	019	79	3	9	3	7		77	81
	Faridpur	070	9	8	20	02	96	61	6	855	[illegible]	2	4	9	5	1	[illegible]	[illegible]
Khulna	Barisal	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Khulna	025	2	6	00	00	97	02	0	022	83	3	3	4	0	0	79	85
	Satkhira	000	0	4	18	04	97	02	2	015	84	4	3	9	0	0	79	86
	Jessore	012	4	7	18	05	96	01	9	014	80	2	6	3	2	0	80	82
Rajshahi	Pabna	173	9	8	00	00	96	01	9	[illegible]	[illegible]	8	7	7			79	79
	Sirajganj	000	0	8	18	03	96	20	6	002	83	4	5	5	3		79	87
	Rajshahi	003	0	8	18	03	96	02	0	009	79	3	4	4	3	0	75	80
	Bogra	016	5	8	09	12	96	56	0	005	77	8	7	6			75	80
	Dinajpur	408	6	7	07	02	96	01	8	990	79	7	6	6	0	0	79	85
	Rangpur																	
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	97	02	0	951	97	0	0	9	0	7	74	98
	Sialkot	000	0	0	27	02	99	02	0	960	93	0	0	9	0	0	74	94
Rawalpindi	Jhelum	028	0	0	23	02	97	02	0	950	93	0	0	9	0	0	74	95
	Islamabad																	
	Rawalpindi	000	0	0	00	00	97	02	1	950	92	0	0	9	0	0	68	95
	Campbellpur	000	0	2	05	01	99	00	0	[illegible]	91	0	0	9	0	0	[illegible]	01
Sargodha	Khushab	000	0	6	00	00	97	03	2	939	97	4	2	9	2	4	77	99
	Sargodha	000	0	2	18	03	97	03	0	9 3	90	2	0	9	3	0	76	00
	Lyallpur	000	0	0	36	02	97	03	0	944	93	0	0	9	0	0	63	[illegible]
Multan	Sahiwal																	
	Multan	000	0	0	18	10	96	07	0	949	97	0	0	9	0	0	63	98
	Leiah																	
Bahawalpur	Khanpur	000	0	0	23	03	96	02	0	951	00	0	0	9	0	0	69	02
	Bahawalpur	000	0	0	00	00	96	00	0	956	97	0	0	9	0	0	69	01
	Fort Abbas	[illegible]	[illegible]	0	23	02	98	00	0	950	[illegible]	0	0	9	0	0	92	[illegible]
Malakand	Chakdara																	
Peshawar	Peshawar	000	0	6	33	03	97	02	1	939	92	1	5	6	3	2	72	95
	Hazro	000	0	0	13	03	98	00	0	947	94	0	0	9	0	0	71	93
D.I. Khan	Bannu	000	0	6	11	02	98	03	2	9.3	[illegible]	0	0	9	7	0	74	[illegible]
	D. I. Khan	000	0	0	18	05	96	05	0	947	93	0	0	9	0	0	76	02
Quetta	Sibi																	
	Nokkundi	000	0	0	31	03	[illegible]	02	0	930	81	0	0	9	0	0	34	[illegible]
Kalat	Turbat	[illegible]	[illegible]	0	11	04	98	00	0	045	93	1	3	9	0	0	86	92
	Jiwani	000	0	6	18	09	96	02	1	010	85	6	6	5	0	0	71	87
	Pasni	000	0	0	27	02	97	00	0	942	76	0	0	9	0	0	67	[illegible]
	Ormara	000	0	1	21	00	96	02	0	000	86	1	6	6	0	0	74	86
	Lasbela	[illegible]	0	0	18	02	98	00	0	976	00	0	0	9	0	0	71	01
Karachi division	Karachi (Manora)																	
	Karachi (Airport)	000	0	5	27	10	96	01	1	007	85	5	6	4	0	0	75	87
Hyderabad	Nagarparker																	
	Chhor	000	0	0	23	13	96	00	0	993	89	0	0	9	0	0	84	93
	Hyderabad	000	0	0	23	12	97	02	0	988	91	0	0	9	0	0	79	95
	Badin	000	0	1	23	12	96	01	0	008	89	1	2	6	0	0	68	93
Khairpur	Padidan	000	0	2	13	07	96	03	0	947	03	0	0	9	0	1	69	06
	Nawabshah	000	0	0	13	05	96	04	0	948	97	0	0	9	0	0	74	00
	Sukkur	000	0	0	20	10	96	02	0	944	03	0	0	9	0	0	75	04
	Kashmore	000	0	0	23	02	96	02	0	950	97	0	0	9	0	0	72	98
	Jacobabad	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg ***																	
	Dras ***																	
	Leh **																	
	Skardu																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree	000	0	6	31	02	97	02	1	411	72	6	5	3	0	0	65	73
Malakand	Drosh *	000	0	3	23	07	99	02	1	376	93	1	1	7	3	0	46	97
Peshawar	Cherat *																	
	Kakul *	000	0	1	23	05	95	05	1	[illegible]	81	1	0	6	3	0	66	85
	Landikotal *	000	0	6	18	03	97	03	0	414	86	6	0	7	2	0	83	92
	Parachinar *	000	4	5	16	07	97	17	9	414	78	5	9	6	0	0	59	81
D.I. Khan	Miranshah *																	
	Wana *	000	0	8	05	05	96	01	0	470	93	6	0	9	0	0	67	94
Quetta	Fort Sandeman *	000	0	0	23	03	96	05	0	375	97	0	0	9	0	0	59	99
	Hindubagh *	000	0	0	34	09	98	02	0	[illegible]	90	0	0	9	0	0	56	93
	Loralai *																	
	Barkhan *																	
	Harnai *																	
	Samungli (Quetta) *	000	0	0	13	01	96	02	0	388	97	0	0	9	0	0	76	00
	Chaman *	000	0	0	23	02	98	02	0	493	92	1	1	6	0	0	48	94
	Nushki *	000	0	0	00	00	99	00	0	429	97	0	0	9	0	0	62	98
	Dalbandin *	000	0	0	23	03	95	05	4	458	01	0	0	9	0	0	44	02
Kalat	Kalat *	000	0	0	23	02	[illegible]	02	0	411	83	0	0	9	0	0	[illegible]	[illegible]
	Khuzdar *	000	0	0	27	02	93	00	2	394	81	0	0	9	0	0	47	88
	Panjgur *	000	0	2	27	03	97	03	0	388	97	2	0	9	3	0	40	99

DIVISIONS	STATIONS	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	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature	Minimum temperature	Departure from Normal of Maximum temperature	Departure from Normal of Minimum temperature	Rainfall: Since 1st June, 1971 to-date	Departure from normal	Since 1st January, 1971 to-date	Annual Normal
1	2	RRR	Ws	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn	39	40	41	42
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38				
Chittagong	Rangamati	000	0	7	23	09	98	02	2	067	81	6	7	5	7									—
	Cox's Bazar	000	0	6	18	03	96	03	2	033	80	3	5	4	7	0	79	[illegible]	— 2	—				140
	Chittagong	002	2	7	13	07	96	21	6	057	80	4	6	5	4	0	79	79	0	+ 3				108
	Maijdee Court																							115
	Comilla	009	4	7	18	05	96	02	6	044	76							77	— 2	+ 1				94
	Brahmanbaria																							78
	Sylhet	673	9	6	00	00	95	95	9	047	[illegible]	7	7	3	2		[illegible]	[illegible]						—
	Srimangal	210	9	8	00	00	96	62	6	047	79	5	9	3	3		75	75	+ 10	— 1				98
Dacca	Mymensingh	165	7	5	13	02	97	02	0	041	83	5	4	6	0	0	83	77	— 6	— 1				91
	Narayanganj	[illegible]	9	8	09	03	95	65	6	046	79	7	9	3	2	1	77	75	+ 6	— 2				74
	Dacca (Tejgaon	095	9	8	18	04	96	95	5	036	77	7	9	3	2		75	75						—
	Faridpur	090	0	8	20	05	97	02	2	043	80	6	4	5	1	0	77	[illegible]		—				71
Khulna	Barisal	104	6	8	23	09	96	61	6	043	77	5	6	3	2	1	75	75	—	— 3				81
	Khulna	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						68
	Satkhira	060	0	8	18	02	97	62	6	[illegible]	83	4	7	9	0	0	80	77						65
	Jessore	012	1	7	20	03	96	50	5	034	80	6	7	3	2	0	80	77	— 6	— 1				65
Rajshahi	Pabna	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						59
	Sirajganj	037	9	8	18	02	96	20	6	030	80	6	4	3	3	0	80	77						64
	Rajshahi	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 9	—				—
	Bogra	016	3	6	09	02	96	02	2	026	80	3	5	6	4		79	77	— 9	— 1				69
	Dinajpur	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 4	—				72
	Rangpur																							84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	25	03	96	06	0	979	85	0	0	9	0	0	75	81	0	— 2	9.2	— 1.0	12.2	19
	Sialkot	000	0	0	06	00	98	02	0	980	85	0	0	9	0	0	79	78	0	0	20.1	+ 3.6	30.0	32
Rawalpindi	Jhelum																				13.1	—	17.8	—
	Islamabad	000	0	2	00	00	96	04	0	979	82	1	1	6	0	0	74	77	+ 1	+ 2	24.8	+ 6.7	24.7	36
	Rawalpindi	000	0	0	00	00	97	00	0	[illegible]	86	0	0	9	0	0	86	79						—
	Campbellpur	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 1	—	0.9	+ 6.5	1.6	15
Sargodha	Khushab	000	0	0	00	03	95	06	0	973	86	0	0	9	0	0	75	82			6.7	—	10.2	—
	Sargodha	000	0	0	00	00	97	00	0	969	86	0	0	9	0	0	74	82	—	+ 2	5.1	— 1.2	8.4	12
	Lyallpur																							10
Multan	Sahiwal	000	0	0	18	10	95	07	0	972	84	0	0	9	0	0	72	81	+ 2	— 1	2.5	— 1.3	3.1	7
	Multan																							8
	Leiah	000	0	0	23	09	96	02	0	981	80	0	0	9	0	0	76	76			1.1	—	1.5	6
Bahawalpur	Khanpur	000	0	0	23	02	96	00	0	[illegible]	83	0	0	9	0	0	73	79			0.0	— 3.7	2.1	6
	Bahawalpur	[illegible]	[illegible]	0	05	04	98	00	0	906	69	0	0	9	0	0	43	78						8
	Fort Abbas	000	0	0	36	05	97	02	0	996	81	0	0	9	0	0	68	72			9.1	—	17.0	—
Malakand	Chakdara																							—
Peshawar	Peshawar	000	0	0	31	02	96	05	0	965	86	0	0	9	0	0	73	83	— 3	+ 1	3.9	+ 1.0	13.4	11
	Hazro	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			23.6	—	31.5	—
D.I. Khan	Bannu	000	0	0	00	00	97	01	0	972	84	0	0	9	2	0	77	[illegible]			4.9	—	7.3	11
	D. I. Khan	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 2	—	1.8	— 2.4	4.0	—
Quetta	Sibi																							9
	Nokkundi	000	0	0	31	21	96	02	0	973	85	0	0	9	0	0	[illegible]	79			0.0	—	0.2	5
Kalat	Turbat	000	0	0	20	02	98	00	0	051	82	0	0	9	0	0	[illegible]	[illegible]			0.0	—	0.0	2
	Jiwani	000	0	6	18	02	96	02	1	029	80	6	6	5	0	0	73	77			0.0	—	1.5	—
	Pasni	000	0	0	27	02	97	02	0	942	76	6	7	9	0	2	50	[illegible]	—	—	0.0	— 1.0	0.0	6
	Ormara	000	0	1	27	05	96	02	2	0.2	[illegible]	1	6	6	0	0	74	[illegible]			0.0	— 0.6	0.0	6
	Lasbela	[illegible]	0	4	00	00	98	00	0	027	79	0	0	9	0	0	72	78						6
Karachi division	Karachi (Manora)																							8
	Karachi (Airport)	000	0	4	25	07	96	03	0	022	81	4	6	4	0	0	75	78			1.3	—	1.5	8
Hyderabad	Nagarparker																							—
	Chhor	000	0	7	23	17	96	03	1	101	[illegible]	7	5	6	0	0	[illegible]	[illegible]			3.0	—	3.0	7
	Hyderabad	000	0	6	18	02	96	02	1	029	80	6	6	5	0	0	73	77	0	— 2	1.8	— 3.1	2.2	9
	Badin	000	0	1	23	09	96	03	0	027	80	1	6	5	0	0	73	77			1.7	— 4.0	1.7	—
Khairpur	Padidan	000	0	0	13	05	96	02	0	977	82	0	0	9	0	0	72	78			0.2	—	0.2	—
	Nawabshah	000	0	0	18	12	96	05	0	974	83	0	0	9	0	0	73	77			0.6	—	0.6	4
	Sukkur	000	0	6	23	05	96	03	0	944	50	6	0	9	6	0	73	78			1.8	—	2.2	—
	Kashmore	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						4
	Jacobabad	000	0	2	16	07	96	05	0	978	82	2	0	9	3	0	73	81	—	— 1	2.6	+ 0.5	2.6	20
Junagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg ***																							3
	Dras ***																							6
	Leh **																							—
	Skardu																							—
	Misgar **																							5
	Aliabad *																							59
	Gilgit *																							18
Rawalpindi	Murree	000	0	3	31	05	98	01	1	924	65	3	5	4	0	0	59	60	0	— 1	34.4	+ 8.5	43.8	29
Malakand	Drosh *	000	0	1	00	00	99	02	0	412	78	1	1	6	0	0	65	74	+ 2	+ 2	1.6	—	10.1	—
Peshawar	Cherat *	000	0	0	00	00	98	00	0	42	77	0	0	9	0	0	69	73	—	+ 3	1.0	+ 2.0	17.6	—
	Kakul *	000	0	1	23	02	95	05	1	424	77	1	2	5	0	0	67	70			32.4	—	38.3	29
	Landikotal *	000	0	1	36	02	98	22	2	431	81	2	2	[illegible]	0	0	73	72			10.5	—	20.5	13
	Parachinar *	000	0	0	09	02	97	02	0	434	[illegible]	0	0	9	0	0	57	65	— 4	0	10.5	—	18.1	11
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	321	81	0	0	9	0	0	73	73			0.9	—	1.8	13
	Wana *																							—
Quetta	Fort Sandeman *	000	0	0	00	00	96	05	0	411	79	0	0	9	0	0	65	74	+ 2	+ 2	2.0	— 2.1	3.2	9
	Hindubagh *	000	0	0	25	02	98	02	0	[illegible]	76	0	0	9	0	0	37	64			0.3	—	2.3	—
	Loralai *																							14
	Barkhan *																							9
	Harnai *																							—
	Samungli (Quetta) *	000	0	0	00	00	97	02	0	434	65	0	0	9	0	0	45	57	+ 2	— 9	0.0	— 5.5	0.2	8
	Chaman *	000	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	—	0.0	— 0.9	3.7	—
	Nushki *	000	0	0	00	00	[illegible]	[illegible]	[illegible]	466	85	0	0	9	0	0	33	77			0.0	— 0.1	2.0	—
	Dalbandin *	000	0	0	00	00	97	02	0	419	82	0	0	9	0	0	[illegible]	[illegible]	—	— 7	0.0	—	1.5	4
Kalat	Kalat *	000	0	0	18	02	91	00	2	411	64	0	0	9	0	0	37	64	— 3		0.0	— 0.3	0.5	7
	Khuzdar *	000	0	0	31	05	96	02	0	414	75	0	0	9	0	0	64	74			1.4	— 1.1	1.4	—
	Panjgur *																						1.7	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 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

When over 999 is given RRR see the summary boxes for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 18th AUGUST, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wc}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000_{mb}	850_{mb}	700_{mb}	500_{mb}	400_{mb}	300_{mb}	200_{mb}	150_{mb}	100_{mb}	70_{mb}	50_{mb}	30_{mb}
		PoPoPoToToToDoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	001 260 09	...	450 180 23	088 080 35	580 014 06	751 157 23	762 297 30	238 497 //	...	..	...	...	...
Dacca ...	00 00	...	...	400 164 38	054 092 59	577 053 59	...	961 281 //	239 503 //	..	...	---	...	...
Gilgit ...														
Jiwani ...														
Karachi ...														
Multan ...														
Peshawar ...														
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT_a DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmPmPmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	$P_tP_tP_tT_tT_tT_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	759 /// //	717 108 57	580 000 58	...	...	...	...	...	...	...	...	...
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

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

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 1	2	3	4	5	6	7	8	9	10
Barisal ...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	200 04	210 05	240 07	315 03	285 10	/// //	280 21	275 24
Chhor ...	225 17	220 21	195 12	225 09	220 08	/// //	300 09	135 02	...
Chittagong ...	190 10	/// //	205 12	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	195 12	205 11	220 12	230 13	240 13	250 10	...	...	...
Dacca ...	R in	...	...	...	...	..	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	240 08	205 12	210 .7	115 10	060 07	350 09
Fort Sandeman ...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	160 09	180 03	165 02	310 03	245 05	265 05	240 06	305 09	005 09
Jessore ...	...	...	...	...	...	...	...	...	...
Jhelum ...	205 05	235 04	/// //	230 08	/// //	315 13	290 19	265 21	...
Jiwani ...	195 10	195 10	...	...	...	...	...	...	...
Karachi ...	245 05	...	...	...	...	...	...	...	...
Khanpur ...	205 10	200 12	010 10	180 12	170 08	120 06	350 06	...	310 12
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	325 03	295 04	260 04	255 04	245 08	270 12	285 12	290 20	310 14
Multan ...	195 15	185 19	185 22	185 29	...	...	...	...	...
Nawab Shah ...	195 16	215 12	260 08	280 03	020 03	020 04	265 08	...	035 08
Nokkundi ...	...	...	325 11	330 06	310 11	295 12	325 15	295 12	305 12
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	040 00	080 07	175 08	245 08	245 09	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	260 16	250 10	195 08	215 06	275 08
Sargodha ...	135 03	145 04	160 06	220 07	295 06	285 13	270 19	275 18	265 21
Skardu ...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (ddfff) (columns 11–16) / At 0600 hrs. G.M.T. † of date (ddfff) (columns 17–27)

Height in kms. a.s.l.-->	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 1	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	135 02	130 05	130 04	250 06	280 8/	260 09	280 15	280 13	...	...
Chhor ...	205 23	210 32	215 32	220 29	260 23	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	...	...	...	...	...	...	195 06	195 15	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	215 07	220 08	205 07	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	..	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	185 02	215 02	225 02	270 02	230 06	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	...	...	...	...	...	...	170 05	165 03	235 01	320 07	...	...	...	...	...	...	...
Karachi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	195 10	205 17	250 15	300 02	315 09	305 21	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	220 21	220 23	230 21	105 09	060 17	020 03	2,1 05	070 02	015 01	...	150 04	130 05	195 08	165 02	/// //	100 03	...
Nokkundi ...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	020 05	015 04	340 03	315 05	265 13	280 16	280 17	285 25	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	...	...	...	...	...	...	235 04	215 03	175 04	115 08	...	320 12	310 09	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V_r V_r etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

T_a—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

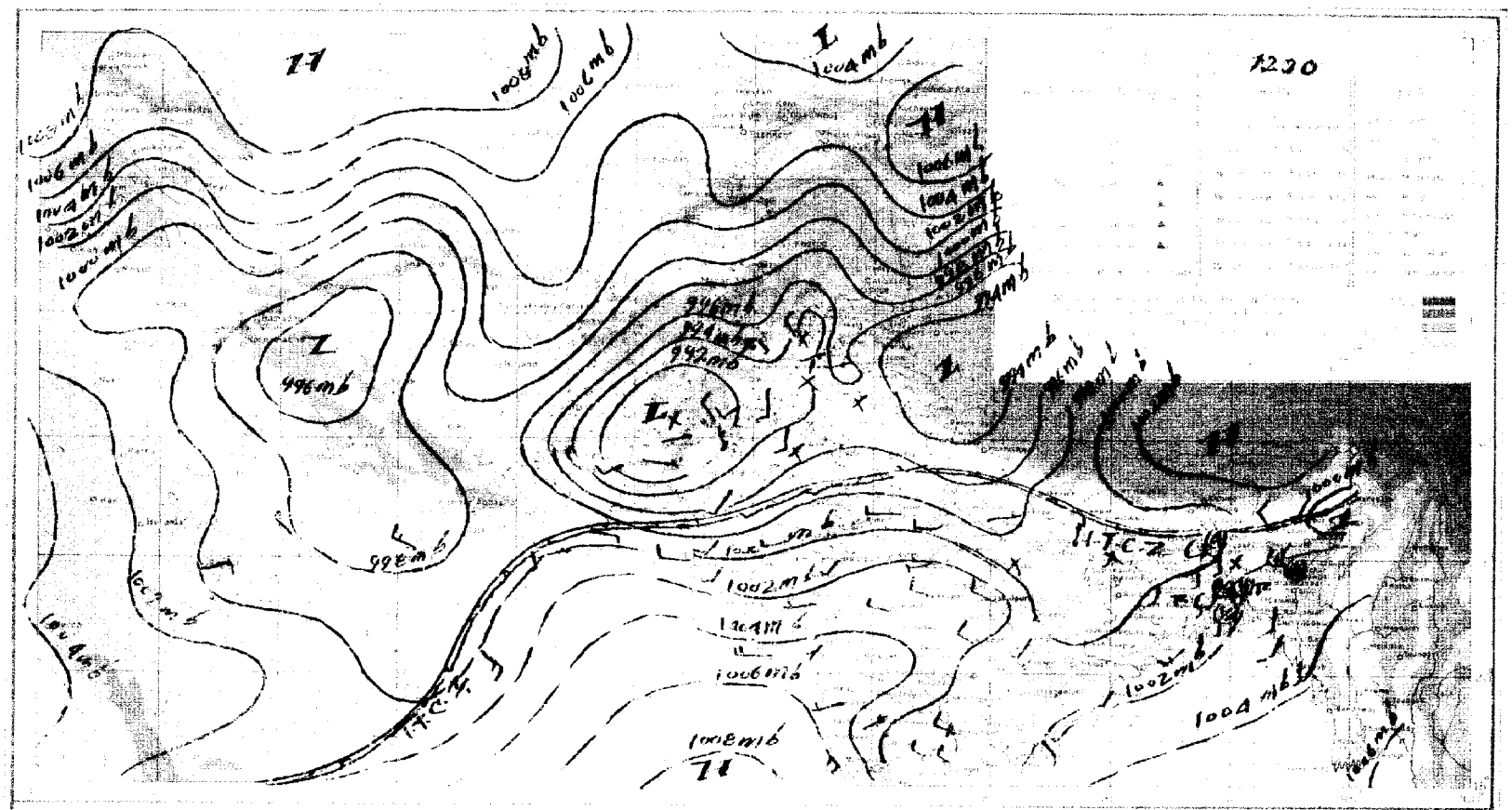
The actual time of observations may vary within half an hour of the specified time.

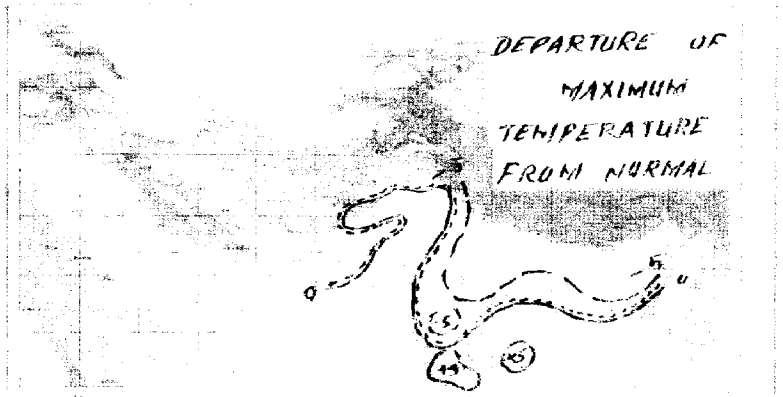
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

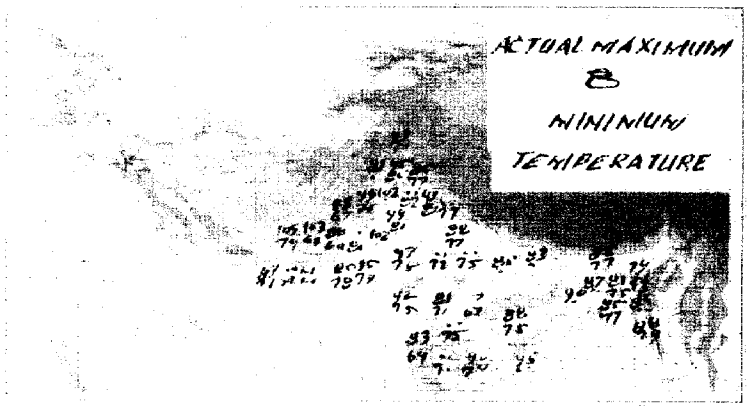
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

PAKISTAN DAILY WEATHER MAP

TUESDAY 17th AUGUST 1971.

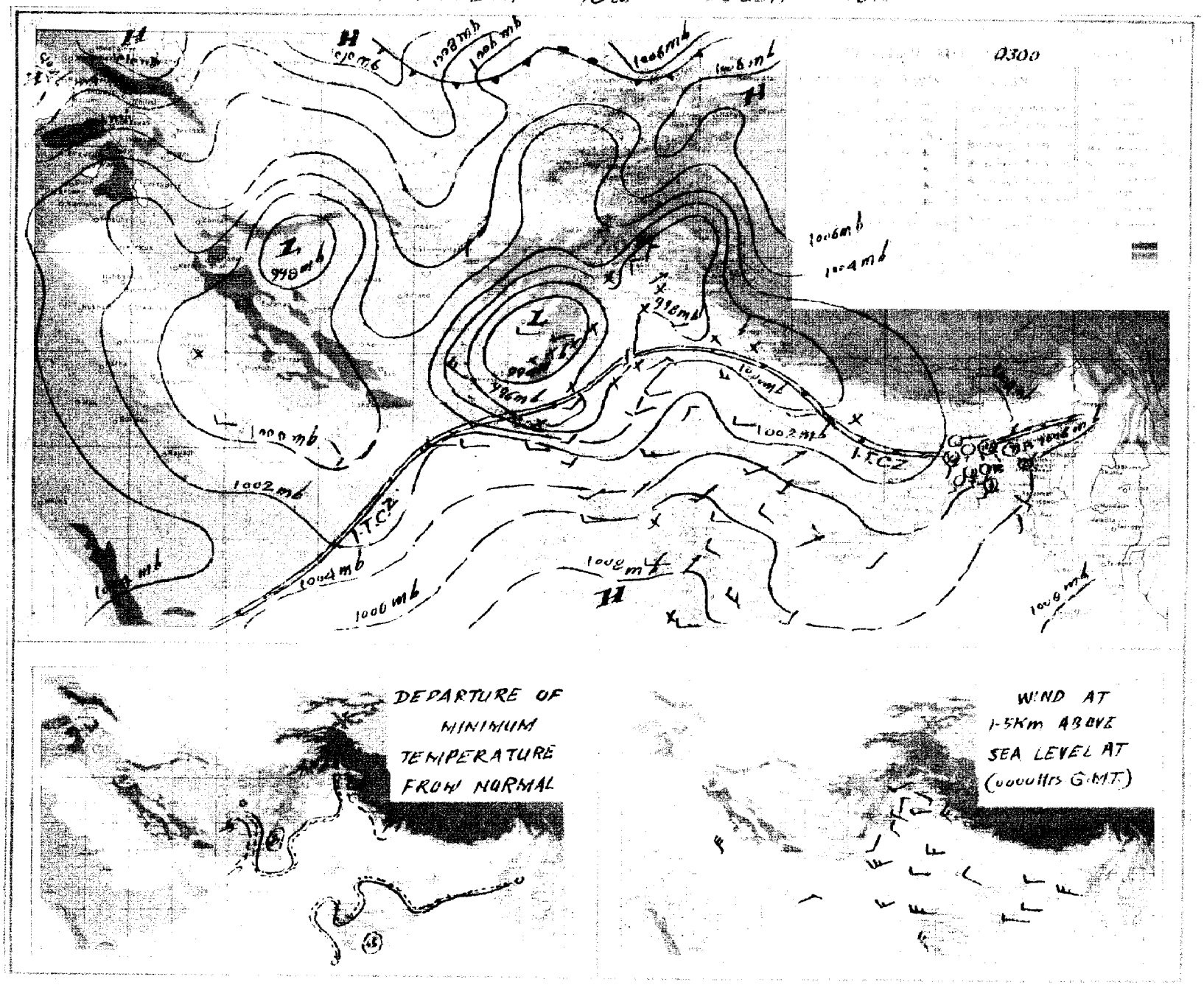






PAKISTAN DAILY WEATHER MAP

WEDNESDAY 18th AUGUST 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

TUESDAY THE 17th AUGUST, 1971.

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

Axis of the monsoon trough runs across northern areas of East Pakistan.

Fairly widespread rain/thundershowers have been reported from East Pakistan.

Yesterday's westerly low pressure wave over Kashmir and adjoining areas of West Pakistan has moved away eastwards and a ridge of high pressure now descends southwards in its wake.

The westerly low pressure wave over Afghanistan and Russian Turkistan has moved slightly northeastwards. Its associated trough lies over Malakand and Peshawar divisions.

Rain/thundershowers have been widespread in Lahore division, fairly widespread in Rawalpindi division and local in Peshawar division.

Chief amounts of rainfall are Jessore and Mymensingh 3" each, Pabna 2", Faridpur and Bogra 1½" each, Parachinar ¾", Lahore, Sialkot and Jhelum ½" each and Comilla, Narayanganj, Rajshahi, Murree and Landikotal ¼" each.

Day temperatures were 3—5 °F (2—3 °C) above normal in Dacca, Sargodha, Multan, coastal Kalat and Hyderabad divisions and also in central parts of Quetta division and were to the same extent below normal in Rajshahi and Peshawar divisions and at a few places in Khairpur division.

Forecast valid until the evening of the 18th August, 1971 :—Rain/thundershowers will be fairly widespread in East Pakistan with a few heavy falls, local in Malakand and Peshawar divisions and scattered in Lahore, Rawalpindi, Sargodha and D. I. Khan divisions and in Kashmir.

Karachi-32
The 17th August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wx)	Total Cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum temperature (TnTn)	Rainfall: Since 1st June, 1971 to-date	Departure from normal	Since 1st January, 1971 to-date	Annual Normal
		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																																			—	—				—
	Cox's Bazar																																			+ 2	—				140
	Chittagong	000	0	7	16	08	96	02	2	839	83	2	4	4	6	2	77	88																		—	—				108
	Majidee Court																																			—	—				115
	Comilla	000	0	4	18	05	96	02	1	029	83	4	4	7	0	0	78	88																		+ 1	—				94
	Brahmanbaria																																			—	—				78
	Sylhet	018	6	8	13	05	96	01	0	020	///	7	6	3	2	/	78	83																		—	—				—
	Srimangal	047	9	7	00	00	96	04	6	093	///	3	9	3	4	3	78	88	///	9	8	16	03	96	03	1	055	///	1	9	3	8	1	///	///	+ 2	—				98
Dacca	Mymensingh	000	0	5	00	00	97	02	2	018	86	5	0	6	1	0	77	92	260	6	8	00	00	96	60	6	048	83	8	6	4	1	1	76	77	+ 5	—	1			91
	Narayanganj	001	9	8	13	03	95	02	6	024	83	8	4	4	1	1	81	83																		— 4	—				74
	Dacca (Tejgaon	008	5	8	18	09	97	02	6	017	83	6	8	4	1	1	78	///	123	4	8	00	00	96	61	8	051	///	5	7	3	7	1	76	75	—	—				—
	Faridpur	000	0	8	20	05	96	02	2	012	85	6	4	5	1	0	81	86	146	4	8	20	02	96	61	6	049	76	7	4	5	1	0	76	73	— 1	—	5			71
Khulna	Barisal	000	0	3	00	00	97	02	6	015	85	2	1	4	0	0	81	85	014	4	6	13	05	97	02	0	042	81	0	6	4	0	0	60	80	—	—				81
	Khulna	010	0	4	18	03	97	03	6	013	85	4	3	9	2	0	81	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				68
	Satkhira	027	3	7	14	05	96	02	6	006	81	4	9	9	3	2	78	88	270	6	8	16	03	96	53	9	042	...	5	7	3	1	2	60	72	0	—	6			65
	Jessore																																			—	—				65
Rajshahi	Pabna	000	0	4	13	05	97	01	2	///	85	4	7	7	0	0	77	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				59
	Sirajganj																																			—	—				64
	Rajshahi	000	0	7	18	05	95	01	2	998	86	5	4	5	0	2	78	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
	Bogra	009	6	8	13	02	96	02	2	004	83	3	5	4	7	0	78	83	141	1	8	18	05	96	60	6	034	79	7	5	4	3	3	60	72	— 6	—	6			69
	Dinajpur																																			—	—				72
	Rangpur																																			—	—				84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	4	31	02	97	01	2	945	88	2	2	7	7	0	75	99	049	0	3	26	03	97	01	1	997	81	2	5	6	3	0	73	75	+ 1	—	4	9.2	— 0.6	12.2	19
	Sialkot	000	0	5	23	03	98	03	0	952	///	4	4	6	4	0	79	96	042	3	7	13	03	98	01	9	000	79	4	5	5	2	0	72	76	+ 2	—	2	20.1	+ 3.7	29.9	32
Rawalpindi	Jhelum	000	0	3	23	02	98	03	0	948	94	4	1	6	1	0	72	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—		13.1	—	17.8	—
	Islamabad	000	6	7	27	03	97	30	9	994	91	1	3	6	3	0	77	94	000	0	0	00	00	96	03	9	987	76	2	5	9	3	2	72	71	0	—	4	24.9	+ 9.0	24.8	36
	Rawalpindi	000	0	2	09	00	98	00	0	///	93	0	0	9	0	3	/	96	000	0	2	18	00	97	00	0	///	85	0	0	9	0	0	80	75	—	—		—	—	—	—
	Campbellpur																																			—	—				—
Sargodha	Khushab	000	0	0	00	00	97	06	0	945	99	0	0	9	0	0	77	03	000	0	0	00	00	97	06	0	998	91	0	0	9	0	0	80	///	+ 3	—		0.9	— 6.3	1.6	15
	Sargodha	000	0	2	23	03	97	02	0	944	98	2	8	6	0	0	75	03	000	0	7	09	02	97	03	9	987	75	1	5	6	3	0	72	71	—	—		6.2	—	10.2	—
	Lyallpur																		000	0	0	00	00	97	00	0	989	87	0	0	9	0	0	72	82	—	+	2	5.1	— 1.0	8.3	12
Multan	Sahiwal																																			—	—				10
	Multan	000	0	0	18	05	96	05	0	945	01	0	0	9	0	0	68	03	000	0	2	23	07	96	07	0	973	85	2	0	9	3	0	72	83	+ 3	+	1	2.5	— 1.3	3.1	7
	Leiah	000	0	0	36	08	94	00	0	911	04	0	0	9	0	0	71	03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—		—	—	—	8
Bahawalpur	Khanpur	000	0	2	03	03	96	02	0	946	03	0	0	9	0	0	69	04	000	0	0	23	05	96	01	0	986	80	0	0	9	0	0	71	77	—	—		1.1	—	1.5	6
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	23	02	96	00	0	998	82	0	0	9	0	0	73	81	—	—		0.0	— 3.6	2.1	6
	Fort Abbas	///	/	0	13	04	98	00	0	950	12	0	0	9	0	0	92	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		—		—	—	—	8
Malakand	Chakdara	000	0	5	27	05	97	03	0	994	///	6	0	9	2	0	73	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—		9.1	—	12.0	—
Peshawar	Peshawar	000	0	5	00	00	97	05	1	945	90	1	5	6	6	4	67	98	000	0	0	00	00	97	02	0	973	55	0	0	9	0	0	73	76	0	—	3	2.9	+ 8.1	13.4	11
	Horipur	008	8	2	30	03	97	03	2	949	91	5	0	9	0	5	74	92	000	3	6	05	03	97	03	2	991	77	6	0	9	4	0	70	71	—	—		23.5	—	31.5	—
D. I. Khan	Bannu	000	0	6	13	02	98	03	2	955	98	0	0	9	7	0	74	98	000	0	4	00	00	98	03	1	983	51	0	0	9	2	0	73	83	—	—		4.9	—	7.3	11
	D. I. Khan	000	6	1	18	05	7	03	0	941	01	0	0	9	0	1	77	01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1	—		1.8	— 2.3	4.0	—
Quetta	Sibi																																			—	—		—	—	—	9
	Nokkundi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	003	0	0	33	17	97	02	0	912	36	0	0	9	0	0	65	78	—	—		0.0	—	0.2	5
Kalat	Turbat																																			—	—		0.0	—	0.0	2
	Jiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	18	02	96	02	1	930	79	4	6	5	0	0	73	77	—	—		0.0	—	1.5	5
	Pasni	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	18	02	97	02	0	144	76	0	0	9	0	0	68	///	—	—		0.0	— 0.9	0.0	6
	Ormara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	27	07	96	02	0	021	80	1	6	6	0	0	74	///	—	—		0.0	— 0.8	0.0	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	00	00	98	00	0	012	80	0	0	8	0	0	74	78	—	—		—	—	—	8
Karachi division	Karachi (Manora)																																			—	—		1.0	—	1.1	8
	Karachi (Airport)	000	0	5	23	12	96	02	2	005	85	5	6	5	0	0	78	///	000	0	4	25	10	96	03	2	023	81	4	6	4	0	0	73	79	—	—		1.3	—	1.5	—
Hyderabad	Nagarparker																																			—	—		—	—	—	—
	Chhor	000	0	0	23	21	96	02	0	982	92	0	0	9	0	0	70	93	000	0	0	23	14	96	05	0	010	79	0	0	9	0	0	72	76	—	—		3.0	—	3.0	7
	Hyderabad	000	0	5	23	09	97	03	1	984	91	0	0	9	0	8	71	98	000	0	2	23	09	97	03	0	006	82	2	6	5	0	0	73	79	+ 3	—	6	1.8	— 3.0	7.2	9
	Badin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	23	12	96	02	0	022	80	0	0	9	0	0	73	77	—	—		1.7	— 3.9	1.7	—
Khairpur	Padidan	000	0	2	13	05	96	03	1	953	03	0	0	9	0	1	66	06	000	0	2	13	07	96	03	0	977	81	0	0	9	0	4	71	78	—	—		0.2	—	0.2	—
	Nawabshah	000	0	1	18	16	96	05	0	963	01	0	0	9	0	0	///	04	000	0	0	18	07	96	05	0	984	83	0	0	9	0	0	72	77	—	—		0.6	—	0.6	4
	Sukkur	000	0	0	20	03	96	02	0	950	06	0	0	9	0	0	77	07	000	0	4	23	03	96	03	0	017	80	4	2	6	0	0	73	75	—	—		1.8	—	2.2	—
	Kashmore	000	0	0	23	02	98	02	0	957	01	0	0	9	0	0	74	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—		—	—	—	4
	Jacobabad	000	0	0	13	03	96	05	0	948	99	0	0	9	0	0	///	99	000	0	0	13	05	96	05	0	980	82	0	0	9	0	0	73	81	— 5	—	9	2.5	+ 0.5	2.6	—
Junagadh	Veraval																																			—	—				20
	HILL STATIONS																																								26
Kashmir	Srinagar *																																								—
	Gulmarg **																																								71
	Sonamarg ***																																								26
	Dras ***																																								3
	Leh ***																																								6
	Skardu **																																								—
	Misgar **																																								—
	Aliabad *																																								5
	Gilgit *																																								59
Rawalpindi	Murree *	010	2	8	11	05	96	03	9	413	68	8	9	3	/	/	65	71	022	9	8	31	02	96	03	9	433	65	8	5	3	1	1	56	60	— 2	—	1	34.4	+ 8.9	43.8	18
Malakand	Drosh *	000	4	5	23	17	98	02	0	360	89	2	2	7	3	0	42	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—		1.6	—	10.1	29
Peshawar	Cherat *																																			—	—		10.0	+ 2.2	17.6	—
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	003	0	4	31	03	95	05	2	421	73	4	4	5	3	0	63	67	—	—		32.4	—	38.3	29
	Landikotal *	006	6	6	18	05	97	01	6	416	87	6	5	/	0	3	84	90	000	0	0	36	02	98	02	0	429	78	0	0	9	0	0	64	67	—	—		10.5	—	20.5	13
	Parachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	01	0	424	70	0	0	9	0	0	59	63	—	—	2	10.5	—	18.1	11
D.I. Khan	Miranshah *	000	0	6	03	05	97	00	2	404	93	6	0	9	0	2	74	94	000	0	0	05	05	99	00	0	386	82	0	0	9	0	0	65	72	—	—		0.9	—	1.8	13
	Wana *	000	0	0	13	04	98	00	0	381	87	0	0	9	0	0	83	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—		0.9	—	1.6	—
Quetta	Fort Sandeman *	000	0	1	23	03	96	05	0	371	98	1	1	7	0	0	47	98	000	0	0	00	00	96	05	0	411	83	0	0	9	0	0	67	76	+ 1	+	4	1.9	— 2.1	3.2	9
	Hindubagh *	000	0	0	27	05	95	05	0	///	90	0	0	9	0	0	52	94	000	0	0	25	05	98	02	0	///	80	0	0	9	0	0	48	65	—	—		0.3	—	2.3	—
	Loralai *																																			—	—		—	—	—	14
	Barkhan *																																			—	—		0.0	—	2.0	9
	Harnai *	000	0	1	31	01	96	02	0	393	99	0	0	9	0	0	80	///	000	0	0	31	01	96	02	0	398	83	0	0	9	0	0	75	79	—	—		0.0	— 5.4	0.2	8
	Samungli (Quetta) *	000	0	1	36	03	97	02	0	316	93	6	0	9	0	0	62	95	000	0	0	09	02	97	05	0	430	71	0	0	9	0	0	60	60	+ 3	—	6	0.0	— 0.9	3.7	—
	Chaman *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	00	0	446	74	0	0	9	0	0	54	75	—	+	3	0.0	— 0.1	2.0	—
	Nushki *	000	0	0	23	03	95	05	4	449	02	0	0	9	0	0	46	03	000	0	0	09	07	95	05	4	467	86	0	0	9	0	0	32	79	—	—		0.0	—	1.5	4
	Dalbandin *	000	0	0	23	05	96	02	0	414	02	0	0	9	0	0	23	04	000	0	0	27	03	96	02	0	417	80	0	0	9	0	0	30	68	— 1	—	3	0.0	— 0.3	0.5	7
Kalat	Kalat *	000	0	0	23	00	90	00	2	369	88	0	0	9	0	0	58	90	000	0	0	13	00	91	00	2	409	70	0	0	9	0	0	32	69	— 1	+	17	0.0	— 1.1	1.4	—
	Khuzdar *	000	0	3	13	03	96	05	0	388	97	2	5	6	3	0	43	98	000	0	1	27	05	96	01	0	411	78	0	0	9	1	0	61	76	—	—		1.4	—	1.7	5
	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 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

When ever 999 is given RRR see the summary boxes for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 17th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGG$_{iw}$N dd FF	VV $_{w\ w}$ W	PPP TT $N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wc}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4 5	6	7	8 9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000$_{mb}$	850$_{mb}$	700$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$	70$_{mb}$	50$_{mb}$	30$_{mb}$
		PoPoPoToToDoDo	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...														
Dacca ...														
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	998 264 25	...	400 204 71	080 152 68	581 065 / /	753 131 / /	966 277 /	245 501 / /	429 585 / /	..	...	...	...
Multan ...														
Peshawar ...	00 00	957 252 47	...	390 232 62	063 160 69	584 004 / /	760 073 / /	981 165 / /	277 303 / /	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	976 290 40	MISDA	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT$_a$ DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmPmPmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	$P_tP_tP_tT_tT_tT_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms a.s.l.—>	At 1200 hrs. G.M.T. † of Previous day (ddfff)									At 0000 hrs. G.M.T. † of date (ddfff)						At 0600 hrs. G.M.T. † of date (ddfff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.
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
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	265 09	260 09	260 15	275 19	305 12	320 08	...	...	...	065 07	065 07	050 06	290 03	300 09	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	220 12	215 16	220 14	340 03	305 03	040 03	125 08	025 05	...	230 30	235 06	230 29	200 10	155 40	055 07	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	165 32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	275 12	180 19	200 21	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	195 23	200 27	170 27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	185 15	175 15	155 12	155 13	170 08	190 03	320 09	325 06	345 06	...	...	...	...	...	...	105 12	090 12	185 10	060 04	170 07	130 02	175 04	210 03	225 04	...	...
Dhaka ...	...	...	...	215 25	220 29	...	015 06	270 09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	030 06	005 13	300 19	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	165 07	195 07	190 07	210 04	160 50	360 04	295 07	215 06	345 10	115 06	195 07	190 06	225 07	230 10	275 13	150 03	155 04	190 07	120 06	015 09	320 11	145 04	170 11	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	225 95	215 07	210 06	305 07	325 09	320 11	290 14	290 19	270 23	350 09	015 08	005 12	330 08	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	190 09	175 05	110 05	...	...	...	...	...	...	205 06	195 05	150 02	175 05	...	...	170 07	145 07	165 06	...	...	...	...	...	...	...	...
Karachi ...	235 20	235 27	250 22	...	...	...	...	...	...	260 07	270 25	280 24	270 16	245 07	090 06	250 21	260 13	270 13	...	...	...	...	...	...	...	...
Khanpur ...	210 12	210 14	210 13	190 13	165 08	125 04	085 04	300 03	290 09	220 12	220 17	230 13	260 16	180 13	305 09	...	...	...	...	...	...	...	...	...	...	...
Khuddar ...	...	...	...	...	...	...	...	...	...	...	...	...	275 12	300 16	340 11	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	310 09	310 12	295 12	290 07	215 04	345 02	335 10	...	...	105 05	115 08	085 08	200 03	195 05	...	120 09	100 02	130 02	275 10	305 13	...	...	...	...	...	...
Multan ...	165 15	200 13	205 11	205 14	205 13	255 09	005 18	...	310 13	205 23	205 25	230 21	250 07	200 09	275 07	210 12	200 15	205 13	185 07	265 03	291 3	340 13	330 12	340 12	...	...
Nawab Shah ...	195 15	200 17	230 11	215 06	240 05	250 5	...	...	...	245 15	290 04	270 06	235 09	245 06	200 /	210 12	200 15	205 13	165 07	285 03	290 05	...	160 08	340 12	...	...
Nokkundi ...	...	...	320 20	325 35	305 17	360 17	...	...	...	...	...	340 17	360 13	340 12	280 07	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	050 08	080 07	150 10	210 10	265 00	...	...	...	...	335 03	265 03	300 03	275 09	275 11	...	090 05	015 02	310 02	270 04	260 10	280 12	270 03	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	270 04	045 03	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	270 05	280 05	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	100 06	125 06	145 07	210 09	225 10	290 08	310 17	...	290 14	140 06	225 05	210 07	235 06	240 09	250 06	300 12	130 13	145 08	185 08	240 07	290 12	...	2.5 09	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	180 10	180 22	205 22	235 13	275 14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V_v V_v etc.)

PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
T_a—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

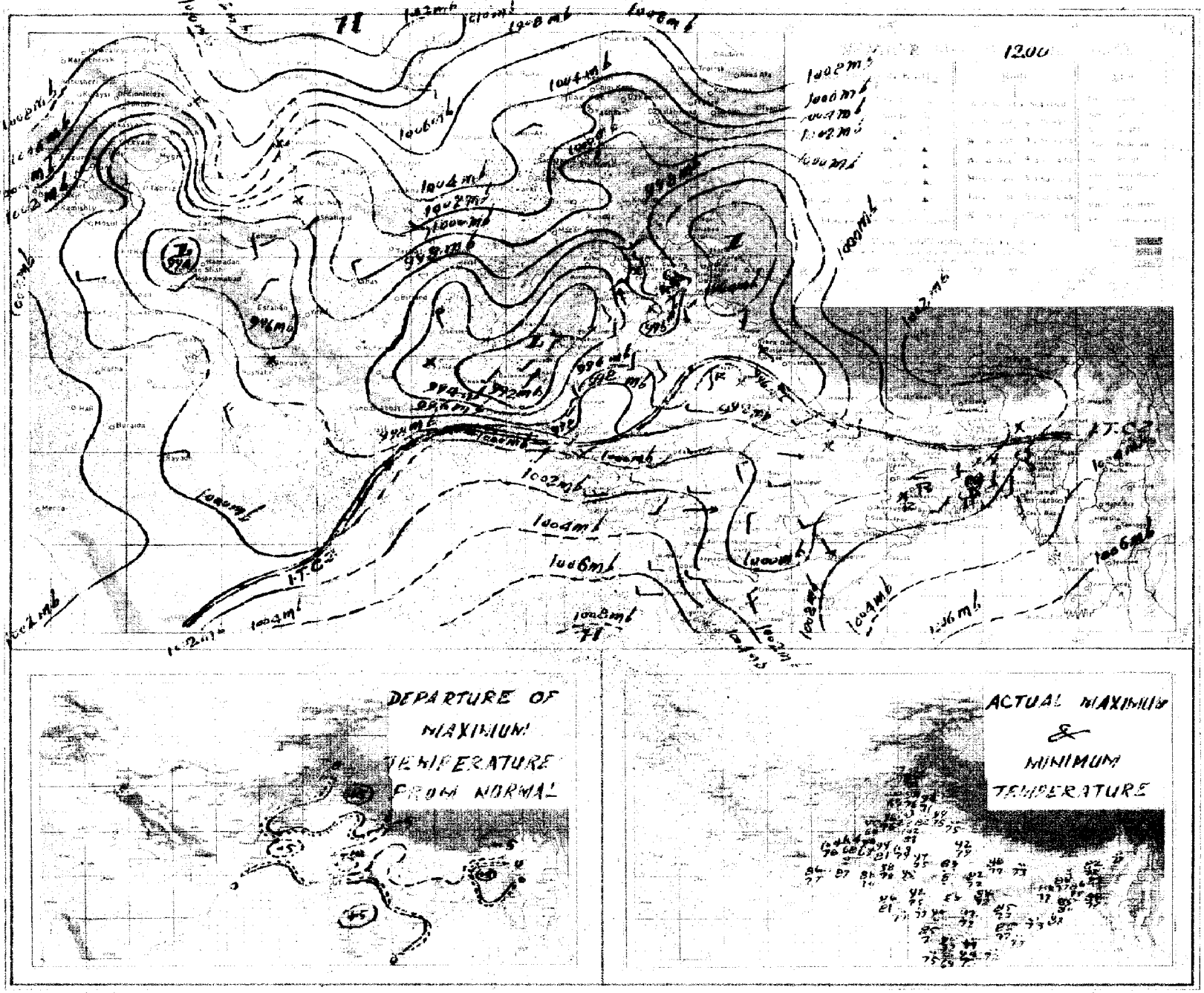
The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

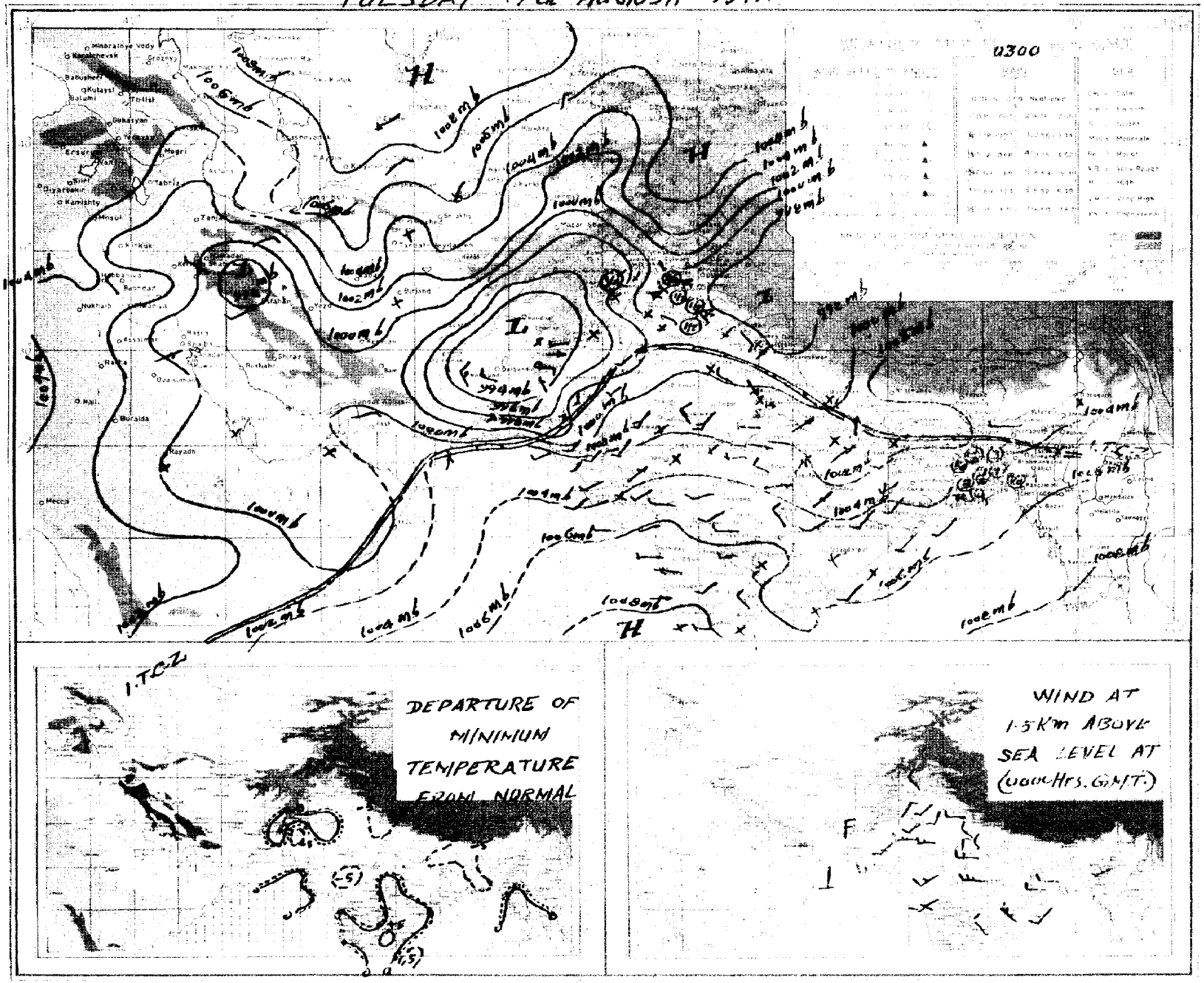
PAKISTAN DAILY WEATHER MAP

MONDAY 16th AUGUST 1971



PAKISTAN DAILY WEATHER MAP

TUESDAY 17th AUGUST, 1971.



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

MONDAY THE 16th AUGUST, 1971.

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

Data from East Pakistan absent.

Yesterday's westerly low pressure wave over north eastern parts of Kashmir persists The other westerly low pressure wave over East Russian Turkistan and adjoining Afghanistan remained practically stationary.

Rain/thundershowers have been widespread over Khulna division and fairly widespread elsewhere over East Pakistan.

Isolated light rain/thunderstorms have been reported from Rawalpindi and Peshawar divisions.

Chief amounts of rainfall are Sandwip and Chittagong 5" each, Narayanganj 3", Dacca, Khulna and Jessore 1½" each and Sylhet ½".

Day temperatures were 3—5 °F (2—3 °C) above normal in Sargodha, Multan and Quetta divisions and were 3—11 °F (2—6 °C) below normal in Chittagong, Khulna, Peshawar and Khairpur divisions.

Forecast valid until the evening of the 17th August, 1971 :—Rain/thundershowers will be fairly widespread over East Pakistan. Scattered rain/thunderstorms are also likely to occur over Lahore, Rawalpindi, Peshawar and Multan divisions.

Karachi-32
The 16th August, 1971.

OBSERVATIONS

M. SHAHABUDDIN
for Director Meteorological Services.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total Cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Minimum temperature °F (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum temperature (TnTn)	Rainfall: Since 1st June, 1971 to-date	Departure from normal	Since 1st January, 1971 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	062	6	7	18	04	95	60	6	060	75	6	6	3	2		73	83	078	9	6	18	02	98	01	6	072	67	4	4	6	7	0	77	75						—
	Cox's Bazar	007	9	7	12	00	96	03	5	046	79	6	4	4	5	0	75	85	007	9	4	13	05	97	01	2	068	84	2	4	4	2	0	//	79	— 2	+ 4				140
	Chittagong	375	9	8	09	02	92	62	6	051	75	7	7	2	2	/	//	//	467	9	7	13	12	96	02	6	071	83	3	4	4	3	0	79	//	0	—				108
	Maidee Court	160	9	8	00	00	96	02	6	031	75	8	5	5	/		73	//	///	/	/	/	/	96	01	2	046	83	6	4	5	0	0	79	75	—	— 2				115
	Comilla	851	0	8	15	04	96	02	6	025	80	6	6	3	2		79	83	032	/	7	18	09	96	02	0	//	/	4	5	6	/	0	77	77	— 4	+ 1				94
	Brahmanbaria																																	77	76						78
	Sylhet	079	9	8	18	07	96	00	6	030	79	7	4	4	2	/	77	85	034	9	8	18	09	96	60	5	//	/	/	/	/	/	/	/	/						—
	Srimangal	013	9	5	18	05	96	01	6	028	80	2	3	4	5	2	75	85	005	9	8	16	06	96	03	0	070	79	4	3	4	0	2	75	77	— 5	+ 1				98
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	///	/	7	16	09	97	01	6	//	83	7	7	9	0	0	80	70						91
	Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	260	0	8	23	02	97	03	2	053	80	6	7	3	/	/	/	//						74
	Dacca (Tejgaon)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	173	9	8	18	05	96	02	6	051	83	6	5	4	7	/	79	//						—
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	212	2	8	20	05	97	02	2	034	83	5	4	5	1	0	80	75						71
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	150	9	2	13	05	97	02	0	042	63	0	4	4	0	0	80	75						81
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...																							68
	Satkhira																																								65
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	135	0	7	18	09	96	02	2	//	83	4	6	3	2	0	79	75						65
Rajshahi	Pabna																																								59
	Sirajganj																																								64
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	065	9	8	13	05	96	02	9	029	80	5	5	5	2	/	77	77						—
	Bogra																																								69
	Dinajpur	000	9	4	09	02	96	01	1	993	83	7	7	9	0	9	/	67	130	0	8	09	02	96	03	2	026	80	8	6	/	/	/	79	78	— 2	0				72
	Rangpur																																								84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	97	01	1	996	87	/	/	7	0	0	77	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—	8.7	— 1.1	11.7	19
	Sialkot	000	0	1	00	00	99	01	0	968	96	/	/	7	0	0	73	96	000	0	0	00	00	98	02	0	998	93	0	0	9	0	0	76	78	+ 2	0	19.8	+ 3.9	29.5	32
Rawalpindi	Jhelum	000	0	4	23	03	98	03	1	///	95	1	/	6	7	0	77	97	000	0	3	13	02	97	02	0	987	//	3	0	9	7	0	79	81			12.7	—	17.4	—
	Islamabad																																					24.8	+ 9.4	24.7	36
	Rawalpindi	000	0	2	35	02	97	01	1	963	91	1	3	6	0	1	74	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Campbellpur	000	0	2	13	02	98	00	0	///	91	0	0	0	0	0	//	96	000	0	0	00	00	97	00	0	//	83	0	0	9	0	0	/	77						—
Sargodha	Khushab	000	0	0	00	00	97	06	0	965	85	1	0	9	0	0	62	97	000	0	8	00	00	97	03	2	996	84	4	2	9	4	4	81	//	— 3	—	0.9	— 2.6	1.6	15
	Sargodha	000	0	3	36	05	97	01	1	964	57	1	1	6	3	1	77	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			6.2	—	10.2	—
	Lyallpur	000	0	4	36	02	97	02	1	967	94	4	0	9	4	0	60	01	000	0	0	00	00	97	00	0	994	88	0	0	9	0	0	73	83	+ 2	+ 3	5.1	— 1.0	8.4	12
Multan	Sahiwal	000	0	0	27	02	96	05	0	961	02	0	0	9	0	0	69	04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3	—	2.5	— 1.2	3.1	10
	Multan																																								7
	Lieah																																								8
Bahawalpur	Khanpur	000	0	0	23	03	96	02	0	959	03	0	0	9	0	0	73	04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			1.1	—	1.5	6
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	13	03	96	03	0	992	89	1	0	9	3	0	76	82			0.0	— 3.6	2.1	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	///		0	05	02	98	00	0	901	89	0	0	9	0	0	/	79						8
Malakand	Chakdara	000	0	0	27	07	98	02	0	993	86	0	0	9	0	0	67	93	000	0	0	27	07	98	02	0	998	80	0	0	9	0	0	67	75			9.2	—	12.0	—
	Peshawar	000	0	6	05	02	97	03	1	947	94	1	5	6	3	0	76	95	000	0	6	30	03	97	03	1	986	81	6	0	9	3	0	68	10	— 3	+ 1	3.9	+ 1.0	13.4	11
Peshawar	Peshawar																																								—
	Kohat																																								—
	Parachinar	000	0	6	00	00	98	04	2	974	97	2	1	8	7	0	75	98	000	0	6	00	00	98	08	2	003	53	0	0	9	7	0	77	82			4.9	—	7.3	11
D.I. Khan	Bannu	000	0	6	18	03	96	03	1	081	//	7	9	9	0	2	79	99	000	0	0	05	03	96	05	0	926	66	0	0	9	0	0	77		— 1	—	1.8	— 2.3	4.0	—
	D.I. Khan																																								9
Quetta	Sibi	000	0	1	31	03	96	02	0	933	02	1	0	9	0	0	66	104	000	0	0	31	07	96	02	0	976	56	0	0	9	0	0	51	82			0.0	—	0.2	—
	Nokundi																																								2
	Turbat	000	0	0	25	02	98	00	0	003	01	0	0	9	0	0	39	01	000	0	0	11	02	98	00	0	44	82	0	0	9	0	0	72	81			0.0	—	0.0	—
Kalat	Jiwani	000	0	4	18	10	96	02	1	012	9	4	6	5	0	0	23	87	000	0	0	00	00	96	01	1	031	79	0	0	9	0	0	72	75			0.0	—	1.5	5
	Pasni	000	0	0	27	02	97	00	0	942	76	0	0	9	0	0	67	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 11	—	0.0	— 0.9	0.0	6
	Ormara	000	0	1	25	12	96	02	2	005	67	1	6	6	0	0	74	98	000	0	1	27	09	96	02	2	021	80	1	6	0	0	/	74	//			0.0	— 0.8	0.0	6
	Lasbela	///	0	2	18	02	98	00	0	991	99	0	0	9	0	0	71	00	///	0	2	00	00	98	00	0	026	79	0	0	9	0	0	73	70						8
Karachi division	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Karachi (Airport)	000	0	4	23	07	96	02	1	010	85	4	6	5	0	0	79	//	000	0	3	27	10	96	03	1	026	81	3	6	4	0	0	75	80			1.3	—	1.5	—
Hyderabad	Nagarparkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Chhor	000	0	7	23	12	96	03	1	987	92	3	5	6	3	0	70	93	000	0	0	23	03	96	00	0	034	81	0	0	9	0	0	78	76			3.0	—	3.0	7
	Hyderabad	000	0	2	23	07	97	03	0	991	95	0	0	9	0	1	73	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5	—	1.8	— 3.0	3.2	9
	Badin	000	0	5	23	12	96	03	1	000	91	2	2	6	0	5	71	94	000	0	0	29	12	96	02	1	021	80	0	0	9	0	0	73	77			1.7	— 3.8	1.7	—
Khairpur	Padidan	000	0	5	18	23	96	01	0	///	//	/	/	/	/	/	//	//	000	0	5	18	23	96	03	1	980	81	0	0	9	0	4	71	77			0.2	—	0.2	—
	Nawabshah	000	0	0	18	03	96	00	0	980	02	0	0	9	0	0	68	104	000	0	2	18	09	96	05	0	987	81	2	0	9	0	/	71	75			0.6	—	0.6	4
	Sukkur	000	0	0	31	05	96	02	0	965	03	0	0	9	0	0	75	05	000	0	0	13	05	96	02	0	903	12	0	0	9	0	0	74	79			1.8	—	2.2	—
	Kashmore	000	0	0	23	0.	96	02	0	947	02	0	0	9	0	0	77	03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						4
	Jacobabad	000	0	0	16	05	96	05	0	964	03	0	0	5	0	0	73	01	000	0	0	09	03	96	05	0	982	85	0	0	9	0	0	77	83	— 3	+ 1	2.6	+ 0.6	2.6	20
Junagadh	Veraval																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar *																																								71
	Gulmarg **																																								26
	Sonamarg **																																								3
	Dras **																																								6
	Leh **																																								—
	Skardu *																																								—
	Misgar **																																								5
	Aliabad *																																								59
	Gilgit *																																								18
Rawalpindi	Murree *	000	0	6	27	12	97	02	1	490	71	6	1	4	0	0	68	72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2	—	34.2	+ 9.2	43.6	29
Malakand	Drosh *	000	0	1	23	09	99	01	2	390	94	/	0	7	0	0	37	96	000	0	2	23	05	95	06	0	424	77	/	5	7	3	0	53	//	0	—	1.6	—	10.1	—
Peshawar	Cherat *	000	0	5	19	08	94	01	1	425	91	5	3	8	0	0	69	83	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3	—	10.0	+ 2.4	17.6	—
	Kakul *	000	0	1	16	05	97	01	1	427	82	1	2	6	0	0	64	84	000	3	5	23	02	96	03	9	433	77	1	5	6	3	0	//	69			32.3	—	38.3	29
	Lundikotal *	000	0	0	09	05	98	02	0	383	85	0	0	9	0	0	69	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			10.1	—	20.2	13
	Parachinar *	001	7	/	//	05	97	17	9	424	80	/	/	/	/	/	//	82	000	0	1	00	00	97	03	0	//	73	1	1	6	0	0	59	68	— 3	+ 3	9.8	—	17.4	11
D.I. Khan	Miranshah *	000	0	6	05	05	97	00	2	444	92	/	6	0	9	0	2	74	92	000	0	4	05	05	97	00	1	431	93	4	0	9	0	1	71	72			0.9	—	1.8	13
	Wana *	000	0	3	13	06	98	00	0	398	82	3	5	0	0	0	78	89	000	0	0	00	00	98	00	0	399	79	0	0	9	0	0	72	72			0.9	—	1.6	—
Quetta	Fort Sandeman *	000	0	1	23	05	96	05	0	389	96	1	5	7	0	0	49	96	000	0	0	05	02	96	05	0	419	80	0	0	9	0	0	64	75	— 3	+ 3	1.9	— 2.0	3.2	9
	Hindubagh *	000	0	0	25	05	95	05	0	///	92	0	0	9	0	0	51	95	000	0	0	34	02	95	05	0	//	79	0	0	9	0	0	39	65			0.3	—	2.3	—
	Loralai *																																								14
	Barkhan *																																								9
	Harnai *	000	0	0	31	01	96	02	0	414	97	0	0	9	0	0	63	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	— 5.3	0.2	8
	Samungli (Quetta) *	000	0	0	31	05	96	06	0	408	93	0	0	9	0	0	59	95	000	0	0	00	00	96	00	0	439	72	0	0	9	0	0	58	65	+ 3	— 1	0.0	— 0.9	3.7	—
	Chaman *	000	0	0	00	00	96	00	0	420	97	0	0	9	0	0	70	98	000	0	0	27	03	98	00	0	440	80	0	0	9	0	0	53	77	— 1	+ 5	0.0	—	2.0	—
	Nushki *	000	0	0	31	07	94	05	4	428	03	0	0	9	0	0	//	05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2	—				4
	Dalbandin *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	02	4	418	76	0	0	9	0	0	//	//	—	—	0.0	— 0.3	0.5	7
Kalat	Kalat *	000	0	0	36	02	96	00	0	392	31	0	0	9	0	0	59	90	000	0	0	16	03	90	00	2	429	68	0	0	9	0	0	45	//	— 1		0.0	— 1.2	1.4	—
	Khuzdar *	000	0	5	13	05	96	05	1	402	94	3	5	6	3	0	50	96	000	0	0	27	03	95	05	9	414	79	0	0	9	0	0	56	77			1.4	—	1.7	5
	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 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

When over 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 16th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_w$ $_w$ W	PPP TT	$N_hC_lhC_mC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sC_hh_s$	$OI_sT_sT_dT_d$	$1T_wT_w$ $T_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000$_{mb}$	850$_{mb}$	700$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$	70$_{mb}$	50$_{mb}$	30$_{mb}$
		PoPoPoToToToDoDo	hhh T1T$_s$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	002 266 12	030 262 11	420 174 15	074 088 28	581 053 31	752 137 57	965 285 58	232 515 / /	424 643 /	663 903 / /	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	999 270 40	...	490 234 9/	101 134 66	585 024 66	759 [illegible] 81	973 [illegible]	..	...	..	...	...	...
Multan ...														
Peshawar ...	00 00	958 278 50	...	395 260 59	098 140 56	584 005 58	756 105 / /	973 235 / /	258 423 / /	...	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT$_s$ DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmPmPmdmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	$P_tP_tP_tT_tT_tT_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...	00 00	570 000 29	402 073 45	...	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...	00 00	900 272 59	469 101 / /	...	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms. a.s.l.—>	At 1200 hrs. G.M.T. † of Previous day (dddff) 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 (dddff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dddff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 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
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	250 05	265 06	315 06	295 05	325 09	310 15	290 21	300 28	...	110 05	105 07	170 03	250 11	295 13	...	135 02	175 04	200 03	345 03	270 07	295 13	320 21	350 21	...	...
Chhor ...	225 10	220 09	210 05	320 03	305 03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	No	Ascent	...	...	...	...	...	...	...	165 13	170 21	190 21	210 26	240 23	...	...	...	...	...	...	...	...	...	...	...	...
Cher t ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	165 11	170 12	185 1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	175 03	175 06	160 07	165 07	170 06	205 03	295 13	270 19	290 15	140 13	165 13	180 02	205 10	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	230 02	245 04	230 09	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	035 08	240 03	352 03	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	150 12	160 13	170 17	190 08	260 04	260 12	335 07	175 12	085 07	160 12	200 15	200 14	200 08	270 06	295 11	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	220 60	/ / / /	205 07	290 8	330 15	330 16	340 09	290 07	300 15	150 06	220 06	230 06	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	150 12	160 06	170 05	...	...	...	...	...	...	...	...
Jiwani ...	255 17	260 15	275 12	245 04	130 07	...	...	...	...	...	...	...	...	...	...	255 18	270 17	275 24	...	...	...	...	...	...	...	...
Karachi ...	230 06	240 08	240 09	220 07	190 04	030 04	350 06	350 07	335 09	215 21	250 21	260 16	270 10	245 06	265 07	255 18	271 7	275 24	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	250 5	285 11	315 03	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	305 02	275 03	265 03	235 03	320 03	...	...	...	...	210 09	205 08	200 7	230 04	246 03	360 03	180 07	205 05	210 10	280 06	335 14	240 15	360 15	210 06	240 16	...	...
Lahore ...	160 03	135 03	160 04	265 06	165 03	005 06	345 12	335 14	...	170 10	175 19	185 12	230 12	300 06	260 00	...	...	...	...	...	...	...	...	...	...	...
Multan ...	190 10	195 08	215 07	325 03	340 05	185 03	...	...	...	285 07	285 08	245 10	185 05	140 03	060 05	170 12	160 08	200 01	250 06	235 14	300 02	...	...	...	...	...
Nawab Shah ...	...	...	260 05	295 08	310 04	150 06	010 04	290 01	265 02	...	...	350 32	345 08	330 04	305 07	...	...	...	...	...	...	...	...	...	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	050 06	120 08	160 12	210 03	...	...	...	...	...	315 10	320 09	245 07	315 07	265 07	...	325 08	295 08	240 06	270 05	285 09	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	085 03	300 03	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	330 06	250 05	265 05	315 11	285 11	...	...	...	...	280 06	270 08	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	025 12	080 06	115 04	175 05	270 05	310 08	355 14	360 21	010 21	...	...	...	...	...	...	040 02	165 03	185 07	210 04	230 03	220022	350 14	360 19	355 19	...	...
Sargodha ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Varavel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23·5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...	220 22	205 23	185 20	100 15	100 16	050 16	035 17	325 16	065 12	065 10	...	...	...	...	...	...	...	...	...	...	...
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V, V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

T$_s$—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

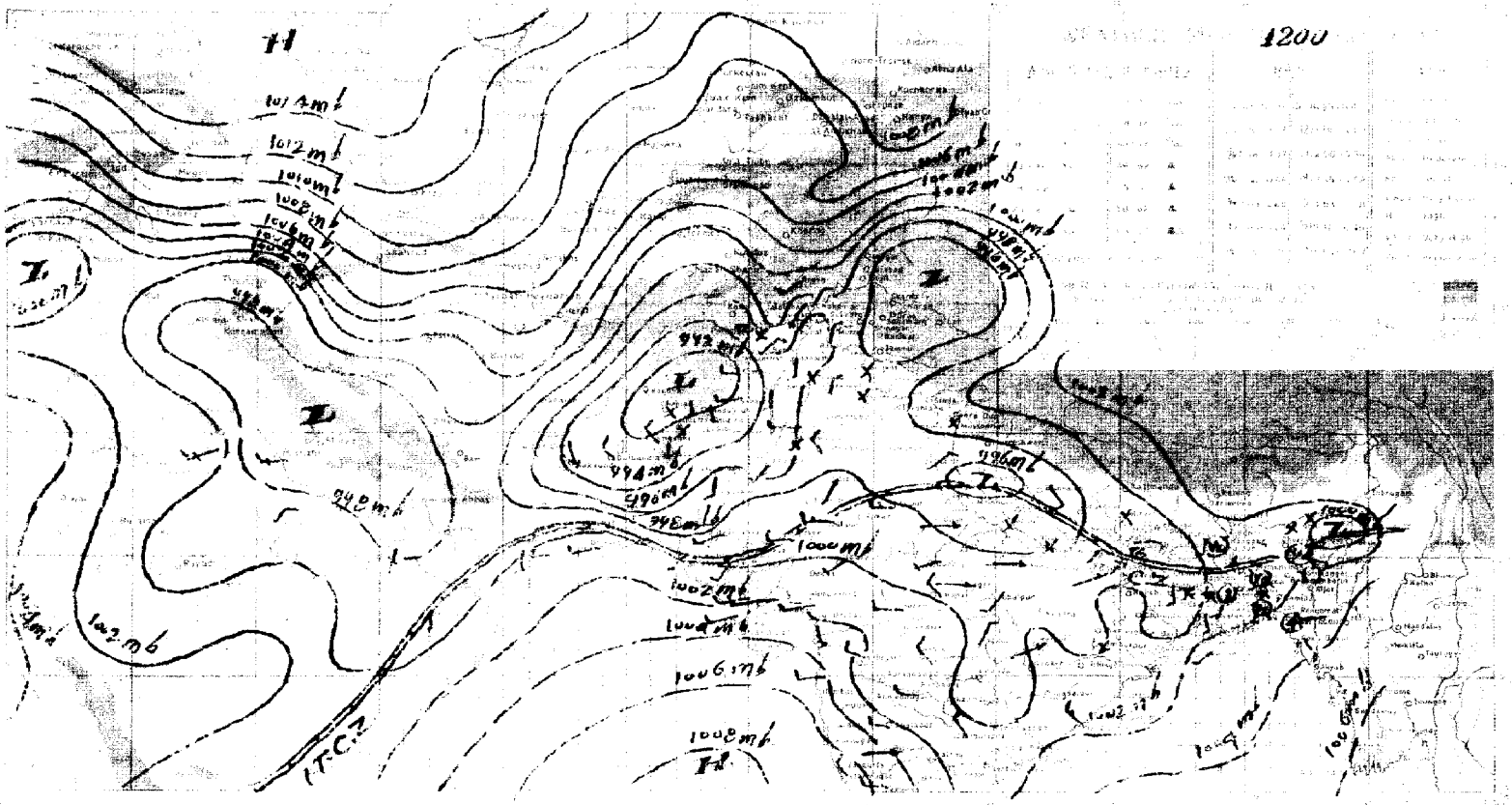
The actual time of observations may vary within half an hour of the specified time.

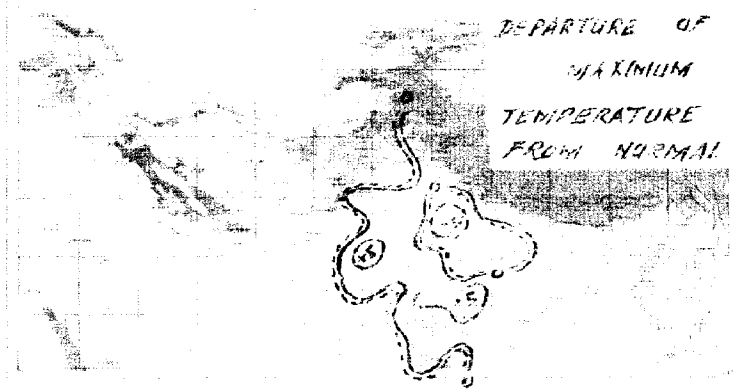
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "ff" in knots or in knots increased by 500.

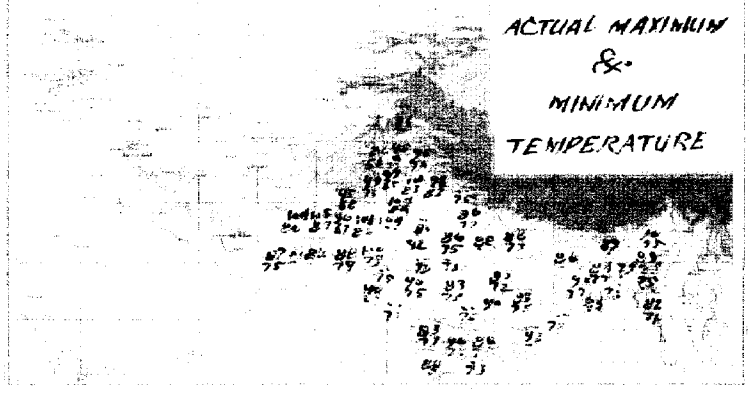
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32

PAKISTAN DAILY WEATHER MAP

SUNDAY 15th AUGUST 1971



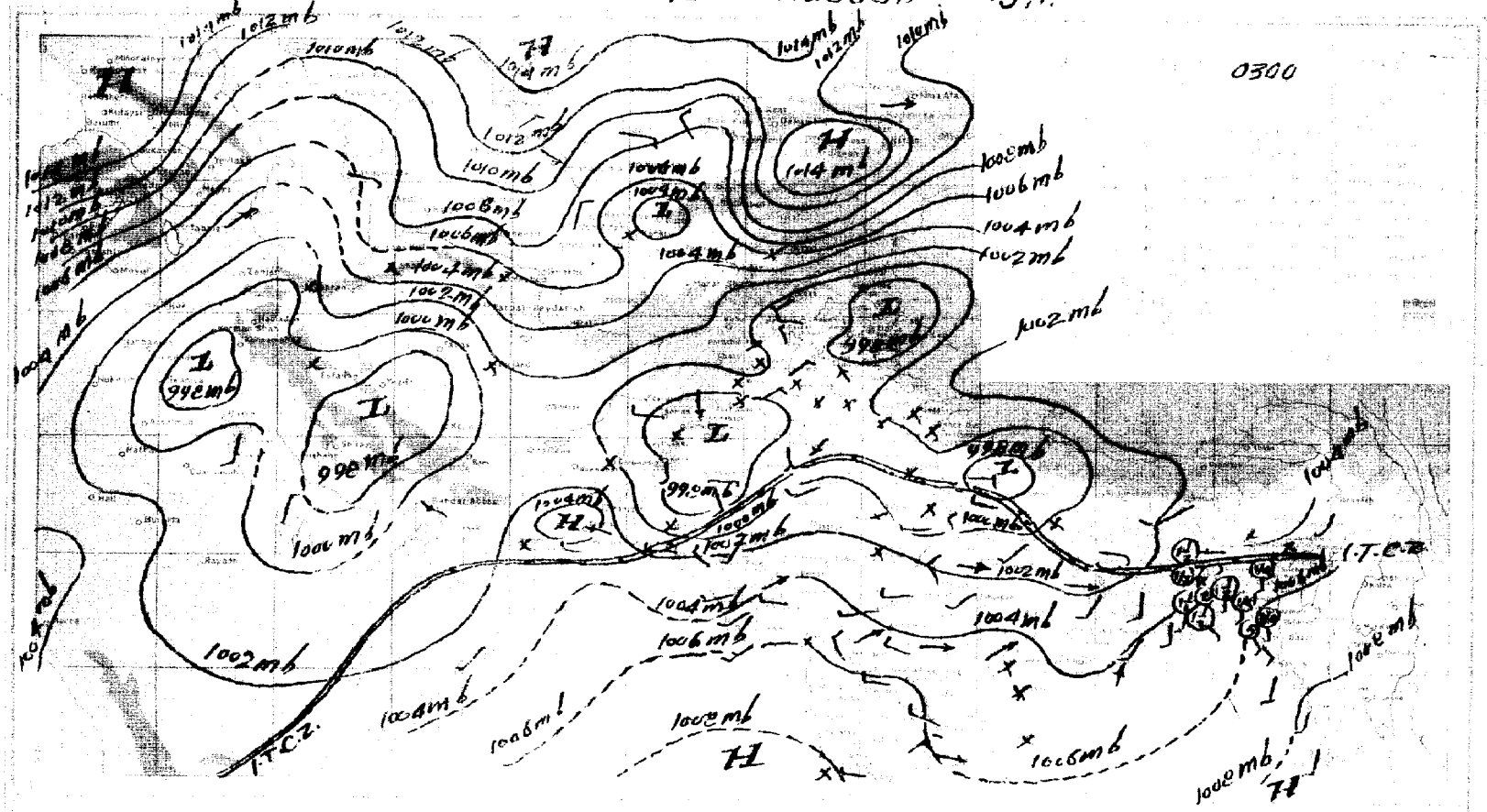


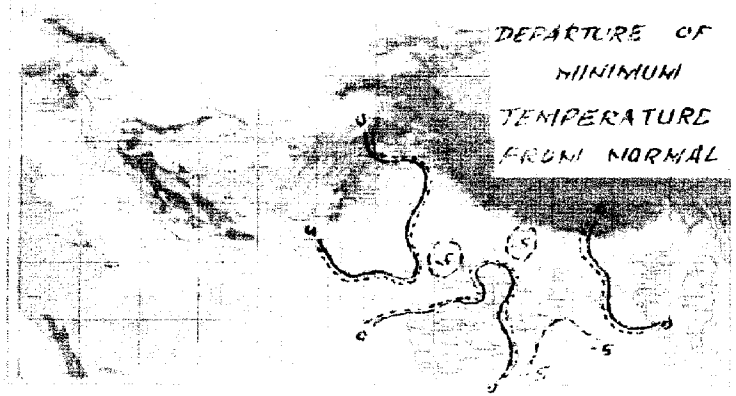


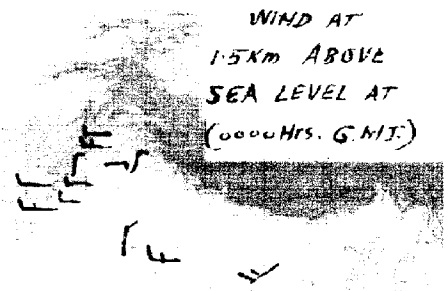
PAKISTAN DAILY WEATHER MAP

MONDAY 16th AUGUST 1971.

0300







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

SUNDAY THE 15th AUGUST, 1971.

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

Data from East Pakistan scanty.
Yesterday's westerly low pressure wave over Kashmir and adjoining areas has moved slightly eastwards and now lies over north eastern parts of Kashmir.
Another westerly low pressure wave is moving across East Russian Turkistan and adjoining Afghanistan.
Scattered rain/thunderstorms have occured over Rawalpindi, Peshawar, Malakand and D. I. Khan divisions.
Chief amounts of rainfall are Hatiya (upto 0000 GMT) 4", Chittagong 3", Sandwip (upto 0000 GMT) 2", Cox's Bazar and Narayanganj (upto 0000 GMT) 1" each, Jessore 2", Peshawar, Comilla and Sylhet (upto 0000 GMT) ¼" each.
Day temperatures were 3—7 °F (2—4 °C) below normal in Dacca, Lahore, Sargodha, Multan, western Quetta, northern Kalat and Khairpur divisions and were 5 °F (3 °C) above normal in Hyderabad division.
Forecast valid until the evening of the 16th August, 1971 :—Rain/thundershowers will be fairly widespread over coastal districts and local elsewhere over East Pakistan. Scattered light rain/thunderstorms are also likely to occur over Lahore and Rawalpindi divisions and in Kashmir.

M SHAHABUDDIN
for Director Meteorological Services.

Karachi-32
The 15th August, 1971.

OBSERVATIONS

At 12 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)	Winds 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 † GL (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	005	2	8	25	10	96	60	6	025	77	7	7	3	2	/	74	85
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Comilla																	
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narayanganj																	
	Dacca (Tjegaon)	003	8	6	00	00	97	02	6	999	80	4	8	5	6	0	77	83
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna																	
	Satkhira																	
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi	Pabna																	
	Sirajganj																	
	Rajshahi																	
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinajpur																	
	Rangpur																	
Kashmir	Jammu	000	0	3	02	08	97	01	2	973	93	3	4	6	0	0	74	95
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	99	02	0	978	91	1	1	6	3	0	77	93
	Sialkot	000	0	4	23	02	97	01	0	949	93	1	1	6	7	0	76	96
Rawalpindi	Jhelum																	
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi	000	0	0	13	02	98	00	0	//	91	0	0	9	0	0	91	//
	Campbellpur	000	0	0	00	00	98	00	0	979	//	0	0	9	0	0	77	97
Sargodha	Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sargodha	000	0	6	36	02	97	02	1	967	94	6	0	9	4	0	64	98
	Lyallpur																	
Multan	Sahiwal	000	0	1	36	02	97	02	1	962	97	1	0	9	3	8	73	98
	Multan																	
	Leiah																	
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malakand	Chakdara	000	0	0	23	07	98	62	0	994	87	0	0	9	0	0	64	90
Peshawar	Peshawar	///		3	05	03	97	03	0	949	94	1	1	6	0	7	67	97
	Haripur																	
D. I. Khan	Bannu	000	0	3	05	01	99	03	1	981	95	2	1	8	2	0	73	96
	D. I. Khan	000	8	3	13	03	97	03	9	963	98	3	0	9	4	0	78	98
Quetta	Sibi																	
	Nokkundi	000	0	0	31	19	96	02	4	937	00	0	0	9	0	0	58	00
Kalat	Turbat	000	0	0	16	02	98	00	0	035	97	0	0	9	0	0	02	97
	Jiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pasni	000	0	0	//	//	97	00	0	942	76	0	0	9	0	0	67	90
	Ormara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lasbela	000	0	2	13	02	96	02	0	978	01	0	0	9	0	0	72	01
Karachi division	Karachi (Manora)																	
	Karachi (Airport)	000	0	5	27	13	96	03	1	997	85	5	6	5	0	0	78	98
Hyderabad	Nagarparker																	89
	Chhor	000	8	0	23	05	96	00	0	983	83	0	0	9	0	0	82	00
	Hyderabad																...	...
	Badin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khairpur	Padidan	000	0	0	31	03	96	02	0	953	04	0	0	9	0	0	69	05
	Nawabshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sukkur	...	...	...	...	...	...	...	...	...	...	...	...	9	0	0	76	04
	Kashmore	000	0	0	23	04	98	02	0	939	03	0	0	9	0	0	75	99
	Jacobabad	000	0	0	13	07	96	//	/	960	99	0	0	9	0	0		
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	8	09	02	96	03	1	407	68	8	5	3	/	/	63	85
Malakand	Drosh *	000	3	2	23	10	99	01	9	378	93	2	1	7	0	0	35	96
Peshawar	Cherat **	000	0	0	00	00	98	00	0	420	83	0	0	9	0	0	67	//
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Landikotal *	000	0	0	05	05	92	02	0	382	83	0	0	9	0	0	68	87
	Parachinar *																	
D.I. Khan	Miranshah *	000	0	6	05	05	97	00	2	449	91	6	0	9	0	2	66	92
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	000	0	2	00	00	96	05	0	395	04	2	4	7	0	0	40	//
	Hindubagh *	000	0	0	25	05	94	05	0	///	//	0	0	9	0	0	50	88
	Loralai *	000	0	0	27	03	94	06	0	446	98	0	0	9	0	0	41	00
	Barkhan *																	
	Harnai *	000	0	0	31	01	96	03	0	404	94	0	2	7	/	/	64	95
	Samungli (Quetta) *	000	0	4	27	05	96	06	0	395	89	4	2	6	0	0	//	90
	Chaman *	000	0	0	27	03	96	00	0	420	96	0	0	9	0	0	49	98
	Nushki *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dalbandin *	000	0	0	13	02	94	05	0	416	01	0	0	9	0	0	41	03
Kalat	Kalat *	000	0	6	13	02	91	00	2	371	80	0	0	9	0	0	56	88
	Khuzdar *	000	0	5	13	09	96	03	1	391	89	4	8	6	0	0	56	//
	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 degree 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 TnTn (36)
Rangamati	127	5	7	23	05	95	61	6	079	75	6	7	4	1		74	73
Cox's Bazar	100	0	8	14	05	96	02	2	067	79	5	5	3	4	0	75	75
Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Maijdee Court	150	9	8	00	00	96	21	6	049	80	5	5	4	2	0	80	74
Comilla	029	5	6	16	05	96	02	2	014	83	6	4	5	0	0	79	77
Brahmanbaria	086	9	8	13	05	96	61	6	053	77	6	3	4	2	/	75	75
Sylhet																	
Srimangal	010	0	7	12	02	97	02	2	016	86	7	4	0	4	0	79	80
Mymensingh	349	1	8	18	02	97	61	6	047	79	8	7	3	/		77	//
Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca (Tjegaon)																	
Faridpur	161	8	8	18	07	97	02	6	039	80	6	7	4	2		//	76
Barisal																	
Khulna																	
Satkhira	049	1	8	31	02	94	36	/	032	80	7	7	2	2	/	80	77
Jessore																	
Pabna																	
Sirajganj																	
Rajshahi	013	0	8	00	00	96	02	2	030	80	5	6	4	3	0	79	79
Bogra																	
Dinajpur																	
Rangpur																	
Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore (Jail Rd.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sialkot	000	0	0	00	00	97	02	0	009	85	0	0	9	0	0	76	79
Jhelum																	
Islamabad	002	1	6	00	00	97	29	9	015	77	2	5	6	3	0	70	75
Rawalpindi	000	0	8	05	02	97	00	0	//	81	8	1	9		/	//	76
Campbellpur	000	0	0	00	00	97	00	0	013	83	0	0	9	0	0	75	//
Khushab	00.	0	2	00	00	97	03	0	011	86	2	0	9	3	/	77	81
Sargodha	000	0	0	16	02	97	00	0	977	86	0	0	9	0	0	74	82
Lyallpur																	
Sahiwal	000	0	0	00	00	//	00	0	563	87	0	0	9	0	0	72	..
Multan																	
Leiah	000	0	0	23	05	96	02	0	005	84	0	0	9	0	0	73	82
Khanpur	000	0	0	00	00	96	00	0	002	86	0	0	9	0	0	69	83
Bahawalpur	000	0	6	00	00	99	03	0	023	83	6	0	9	7	0	77	78
Fort Abbas	000	0	0	00	00	98	02	0	999	80	0	0	9	0	0	70	74
Chakdara	088	0	4	//	//	97	01	7	087	85	4	0	9	3	0	77	79
Peshawar																	
Haripur																	
Bannu	000	0	6	00	00	98	03	1	014	52	0	1	9	7	0	75	78
D. I. Khan	000	0	7	05	02	97	03	1	039	85	3	0	9	3	1	76	81
Sibi	00J	0	0	33	09	96	02	4	938	85	0	0	9	0	0	51	81
Nokkundi	000	0	0	11	02	98	00	0	044	82	0	0	9	0	0	75	81
Turbat	000	0	5	23	05	97	02	1	014	83	0	0	9	0	1	73	79
Jiwani	000	0	0	27	02	97	02	0	942	76	6	7	9	0	2	50	//
Pasni	000	0	1	27	05	96	02	2	031	81	1	6	6	0	0	74	//
Ormara	///	0	2	00	00	98	00	0	030	79	0	0	9	0	0	74	78
Lasbela																	
Karachi (Manora)	000	0	6	27	10	96	01	2	026	82	6	6	4	0	0	76	80
Karachi (Airport)																	
Nagarparker	000	0	3	23	12	96	08	0	017	80	3	5	6	0	0	73	80
Chhor																	79
Hyderabad	000	0	0	23	10	96	02	0	029	81	0	0	9	0	0	73	78
Badin	000	0	4	13	05	96	03	1	000	83	0	0	9	0	5	73	80
Padidan	000	0	2	13	03	96	05	0	005	83	0	0	9	0	0	73	77
Nawabshah	000	0	6	13	05	96	03	0	996	94	6	0	9	0	6	75	81
Sukkur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kashmore	000	0	0	10	02	96	05	0	993	86	0	0	9	0	0	75	83
Jacobabad																	
Veraval																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **																	
Aliabad *																	
Gilgit *	000	0	5	31	02	97	02	1	443	66	3	5	4	5	0	59	58
Murree *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat **	000	0	5	05	02	96	05	1	447	73	3	4	5	2	0	63	58
Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Landikotal *																	
Parachinar *	000	0	0	05	05	99	00	0	326	84	0	0	9	0	0	73	73
Miranshah *	000	0	0	00	00	98	00	0	381	76	0	0	9	0	0	69	70
Wana *	000	0	0	05	02	96	05	0	435	86	0	0	9	0	0	65	72
Fort Sandeman *	000	0	0	25	09	95	05	0	///	78	0	0	9	0	0	45	66
Hindubagh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Loralai *																	
Barkhan *	000	0	0	31	01	96	02	0	419	81	0	0	9	0	0	73	71
Harnai *	000	0	0	00	00	96	06	0	427	63	0	0	9	0	0	59	68
Samungli (Quetta) *	000	0	0	00	00	98	00	0	440	80	0	0	9	0	0	53	76
Chaman *	000	0	0	07	05	//	06	0	476	85	0	0	9	0	0	33	80
Nushki *	000	0	0	23	02	94	05	4	428	77	0	0	9	0	0	//	68
Dalbandin *	000	0	4	18	00	//	00	0	432	69	0	1	9	0	0	50	//
Kalat *	000	0	0	27	02	95	05	0	426	78	0	0	9	0	0	66	76
Khuzdar *																	
Panjgur *																	

Departure from Normal of / Rainfall

Stations (2)	Departure from Normal of Maximum temperature TxTx (37)	Departure from Normal of Minimum temperature TnTn (38)	Rainfall Since 1st June, 1971 to-date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1971 to-date (41)	Annual Normal (42)
Rangamati	—	0				—
Cox's Bazar	0	—				140
Chittagong						108
Maijdee Court	—	— 3				115
Comilla	—	0				94
Brahmanbaria						78
Sylhet						—
Srimangal	—	+ 2				98
Mymensingh	—	—				91
Narayanganj		—				74
Dacca (Tjegaon)						—
Faridpur	—	— 2				71
Barisal						81
Khulna						68
Satkhira	—	— 2				65
Jessore						65
Pabna						59
Sirajganj						64
Rajshahi	—	— 1				—
Bogra						69
Dinajpur						72
Rangpur						84
Jammu	— 3	—	8.7	— 1.0	11.7	—
Lahore (Jail Rd.)	— 1	—	19.8	+ 4.1	29.5	19
Sialkot			12.7	—	17.4	32
Jhelum						—
Islamabad	—	0	24.8	+ 9.7	24.7	—
Rawalpindi						36
Campbellpur	— 3	—	0.9	— 6.2	1.6	—
Khushab			6.2	—	10.2	15
Sargodha	— 1	+ 2	2.5	— 1.1	3.1	—
Lyallpur						12
Sahiwal	— 3	—				10
Multan			1.1	— 2.8	1.5	7
Leiah			0.0	— 3.5	2.1	8
Khanpur						6
Bahawalpur						6
Fort Abbas			9.1	—	12.0	8
Chakdara	— 1	0	4.0	+ 1.0	13.4	—
Peshawar						11
Haripur						—
Bannu			5.0	—	7.3	11
D. I. Khan	— 2	0	1.8	— 2.2	4.0	9
Sibi			0.0	—	0.2	5
Nokkundi			0.0	—	0.0	2
Turbat			0.0	—	1.5	—
Jiwani	+ 1	—	0.0	— 0.9	0.0	5
Pasni			0.0	— 0.7	0.0	6
Ormara						6
Lasbela						8
Karachi (Manora)			1.3	—	1.5	8
Karachi (Airport)						—
Nagarparker			3.0	—	3.0	—
Chhor						7
Hyderabad			1.7	— 3.7	1.7	9
Badin			0.2	—	0.2	—
Padidan			0.6	—	0.6	—
Nawabshah			1.8	—	2.2	4
Sukkur						—
Kashmore	— 5	+ 1	2.6	+ 0.6	2.6	
Jacobabad						4
Veraval						20
Srinagar *						26
Gulmarg **						—
Sonamarg **						71
Dras **						26
Leh **						3
Skardu *						6
Misgar **						—
Aliabad *						—
Gilgit *	+ 11	— 3	34.2	+ 9.7	43.6	5
Murree *	0	—	1.6	—	10.1	59
Drosh *	—	—	10.0	+ 2.5	17.6	18
Cherat **			32.3	—	38.3	29
Kakul *			10.1	—	20.2	—
Landikotal *						—
Parachinar *			0.9	—	1.8	29
Miranshah *			0.9	—	1.6	13
Wana *	—	— 1	2.0	— 2.0	3.2	11
Fort Sandeman *			0.4	—	2.3	13
Hindubagh *						—
Loralai *						9
Barkhan *			0.0	— 5.2	0.2	—
Harnai *	— 2	+ 2	0.0	— 0.9	3.7	14
Samungli (Quetta) *	— 1	+ 3	0.0	— 0.1	2.0	9
Chaman *			0.0	—	1.5	8
Nushki *	— 4	— 3	0.0	— 0.3	0.5	—
Dalbandin *	— 3	—	0.0	— 1.1	1.4	4
Kalat *			1.4	—	—	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 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 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 15th AUGUST, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGG$_{iw}$ N dd FF	VV w w W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	8N$_s$Ch$_s$h$_s$	0T$_1$T$_1$T$_d$T$_d$	1T$_w$T$_w$ T$_w$T$_w$	3P$_w$P$_w$H$_w$H$_w$	d$_w$d$_w$P$_w$H$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface (PoPoPoToToToDoDo)	1000$_{mb}$	850$_{mb}$	700$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$	70$_{mb}$	50$_{mb}$	30$_{mb}$
			hhh T'T$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	000 250 02	...	400 162 00	049 080 00	577 049 07	749 145 50	961 285 35	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	003 274 29	008 000 50	400 158 54	091 086 53	577 049 / /	749 137 / /	956 297 / /	234 495 / /	420 158 / /	...	...	...	...
Multan ...														
Peshawar ...	00 00	959 000 00	...	369 226 56	078 130 59	582 059 / /	...	970 245 / /	254 431	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PrP TTT$_a$ DD							Max. Wind Speed	TROPOPAUSE: First	Transition	Second	Transition
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...	00 00	900 226 50	545 000 / /	1/ 260 42	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms. a.s.l.—>	At 1200 hrs. G.M.T. † of Previous day (ddfff)									At 0000 hrs. G.M.T. † of date (ddfff)						At 0600 hrs. G.M.T. † of date (ddfff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.
STATION 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
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	290 04	295 12	265 03	290 03	310 04	005 08	345 15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	230 14	230 15	235 11	005 05	325 06	275 03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cher:t ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	180 15	195 16	200 17	215 11	2.5 12	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	175 12	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	200 05	285 10	290 14	295 22	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	155 06	155 10	160 10	1:5 07	160 L7	300 08	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	225 17	230 13	2.0 08	060 C4	340 09	325 09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	140 07	135 10	105 / /	130 05	...	235 06	...	...	...	205 12	265 09	2.5 C6	270 06	210 10	255 15	260 02	210 61	235 07	270 C5	2.0 C7	670 C4	280 C6	035 13	040 12	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	210 09	/// / /	/ / / /	275 08	321 5	320 16	...	...	...	175 09	110 04	215 C6	270 09	265 11	245 07	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	165 09	165 13	...	...	...	...	...	...	...	260	265 17	280 15	280 10	210 04	150 06	265 25	275 34	265 26	...	...	...	...	...	...	...	...
Jiwani ...	245 12	259 12	275 1,	...	...	...	...	...	...	165 15	215 16	220 17	250 15	275 13	285 11	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	45 06	155 C7	120 C5	060 02	030 07	C30 06	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	180 08	117 C6	170 06	...	185 01	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	160 04	170 05	050 06	360 04	335 C6	360 08	260 09	...	...	...	...	...	350 02	...	015 06	140 08	055 03	040 02	210 01	265 C5	265 01	...	...	...	...	...
Multan ...	150 09	150 06	155 03	040 06	330 05	270 C6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	...	...	300 05	325 12	110 14	...	...	...	...	...	060 05	075 06	110 01	300 01	575 04	...	040 02	315 04	295 C6	250 05	300 10	...	...	...	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	170 05	275 0/	128 C4	135 04	130 05	220 03	325 03	325 11	545	335 13	...	...	...
Peshawar ...	...	050 07	140 07	175 C5	245 07	300 10	300 23	305 23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	125 05	030 C5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	060 09	085 07	110 04	220 05	325 07	335 13	345 18	325 19	320 19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23·5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (Hiiii Cdd V, V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

T_a—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures

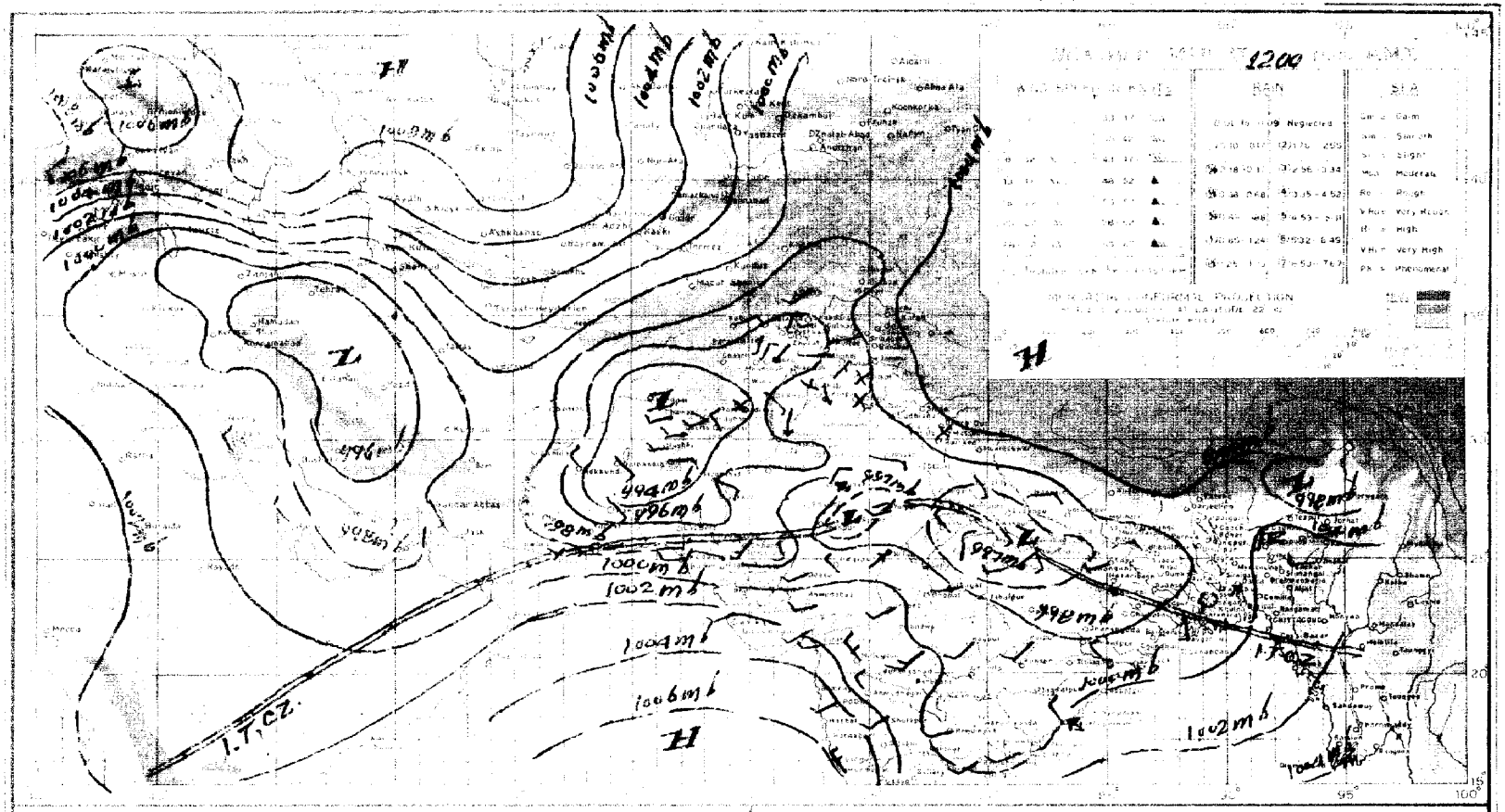
The actual time of observations may vary within h if an hour of the specified time.

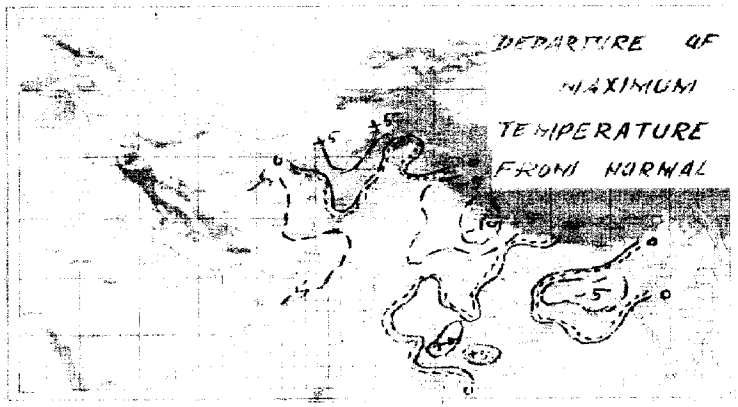
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "ff" in knots or in knots increased by 500.

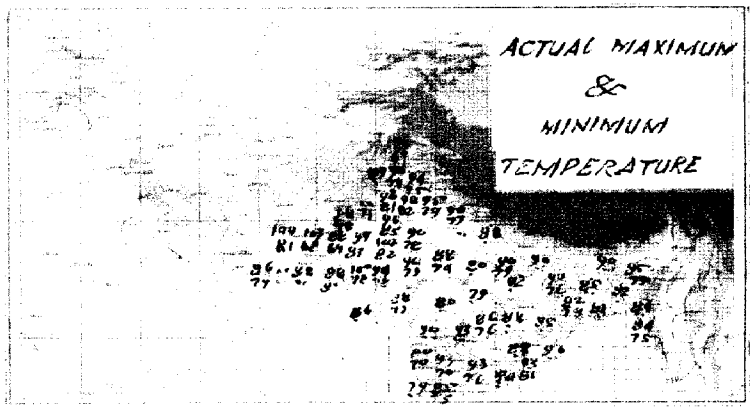
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32

PAKISTAN DAILY WEATHER MAP

SATURDAY 14th AUGUST 1971

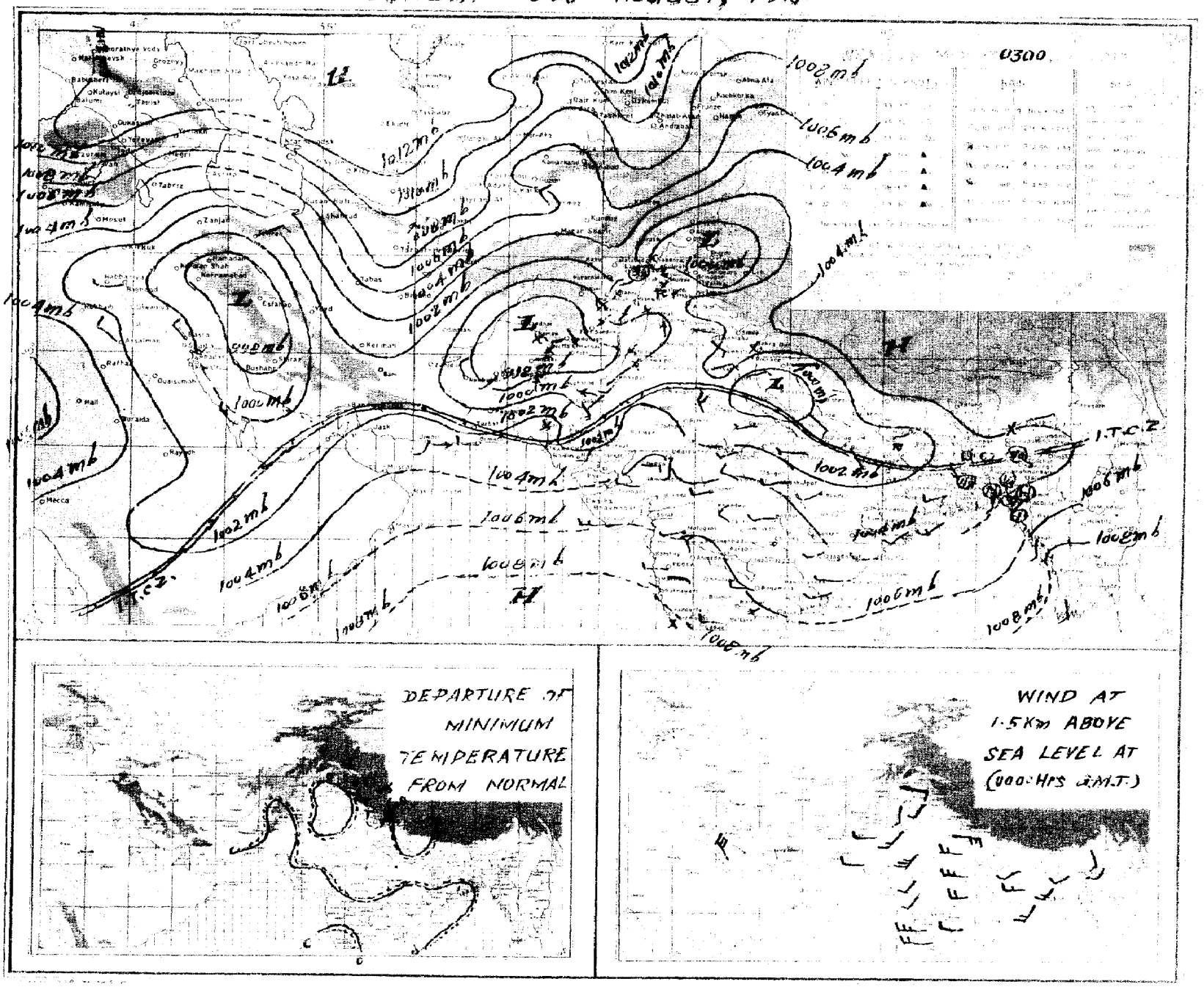






PAKISTAN DAILY WEATHER MAP

SUNDAY 15th AUGUST, 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

SATURDAY THE 14th AUGUST, 1971.

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

Yesterday's low over West Uttar Pradesh has merged into the seasonal monsoon trough, axis of which now extends from Multan division to central and southern districts of East Pakistan.

Rain/thundershowers have been fairly widespread over East Pakistan.

The westerly trough extending into East Punjab (India) and adjoining Lahore and Rawalpindi divisions become unimportant.

Yesterday's westerly low pressure wave over Afghanistan is now moving across Kashmir and adjoining areas.

Rain/thundershowers have been local in Rawalpindi, Malakand, Peshawar divisions and scattered in Quetta division. Scattered thunderstorms have also been reported from Multan and D. I. Khan divisions.

Chief amounts of rainfall are Pabna 4", Sandwip 3", Rajshahi and Jessore 2" each, Hatiya 1½", Sirajganj 1", Bogra 3/4" and Barisal ¼" upto 1200 G. M. T. and Cherat 1¼", Harnai 1", Landikotal ¾", Rawalpindi, Chakdara and Peshawar ½" each and Murree ¼".

Day temperatures were generally 9—12 °F (5—7 °C) below normal at a few places in Khulna and Peshawar divisions and 3—6 °F (2—3 °C) so in D. I. Khan, Quetta and Kashmir divisions and were 4 °F (2 °C) above normal in Hyderabad division.

Forecast valid until the evening of the 15th August. 1971 :—Rain/thundershowers will be fairly widespread in East Pakistan and in Lahore, Rawalpindi and Sargodha divisions local in Kashmir and scattered in Malakand, Peshawar, D. I. Khan, Multan and Bahawalpur divisions.

Karachi-32
The 14th August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in cents 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 from † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total Cloud amount (N)	Wind direction in cents of degree (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mb. and tenths) (PPP)	Dry Bulb temperature (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 (TnTn)	Departure from Normal of Maximum temperature (TxTx)	Departure from Normal of Minimum temperature (TnTn)	Rainfall Since 1st June, 1971 to-date	Departure from normal	Rainfall Since 1st January, 1971 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	004	1	7	18	05	97	21	6	024	80	5	7	5	/	/	77	85																							—
	Cox's Bazar	000	0	5	18	09	96	02	2	008	81	4	4	3	0	/	77	83																		— 2	—				140
	Chittagong	000	0	6	18	10	98	02	2	998	83	6	4	4	3	0	77	86																		+ 1					108
	Maijdee Court																																								115
	Comilla																																								94
	Brahmanbaria																																								78
	Sylhet	005	2	7	18	07	97	02	6	988	86	5	4	5	3	/	77	87																							—
	Srimangal																																								98
Dacca	Mymensingh																																								91
	Narayanganj	000	0	6	20	32	95	02	2	985	85	6	4	4	1	1	73	86																		— 1	—				74
	Dacca (Tejgaon)	000	0	3	13	02	97	02	2	985	83	2	3	5	4	3	76	86																							—
	Faridpur																																								71
Khulna	Barisal	036	7	7	00	00	96	51	6	989	80	5	4	4	2	0	77	86																		— 1	—				81
	Khulna	000	0	4	00	00	97	02	0	976	84	2	2	4	0	0	79	84																							68
	Satkhira	010	0	5	18	02	97	03	6	978	86	4	3	9	0	0	75	86																							65
	Jessore	250	8	6	18	03	96	01	6	979	80	3	6	4	2	0	77	83																		— 5	—				65
Rajshahi	Pabna	113	9	3	23	02	99	01	6	/ / /	80	3	4	6	0	0	76	85																							59
	Sirajganj																																								64
	Rajshahi	000	0	6	18	02	96	02	0	965	84	4	2	4	3	0	79	92																							—
	Bogra	005	0	5	13	03	97	09	2	976	83	4	4	4	3	0	75	89																		— 1	—				69
	Dinajpur																																								72
	Rangpur	000	0	5	13	02	96	01	2	978	83	5	0	9	2	0	80	92	000	0	6	09	05	96	01	2	015	86	6	0	9	2	0	80	/ /	+ 3	—				84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	4	27	02	97	01	1	945	44	4	6	/			/ /	/ /	000	0	0	13	03	97	01	0	958	84	0	0	9	0	0	74	80	—	+ 1	8.7	— 0.8	11.8	19
	Sialkot																		000	0	3	09	02	99	02	0	009	83	3	4		0	0	/ /	78	—	0	19.8	+ 4.4	29.5	32
Rawalpindi	Jhelum	000	0	2	00	00	98	02	0	949	91	2	0	9	1	0	73	95	000	0	0	13	02	97	02	0	999		0	0	9	0	0	77	79			12.7	—	17.4	—
	Islamabad																																								—
	Rawalpindi	042	2	3	00	00	97	01	9	951	81	3	0	6	3	0	70	92																		— 2	—	24.8	10.1	24.7	36
	Campbellpur																		000	0	0	00	00	97	00	0		85	0	0	9	0	0	70							—
Sargodha	Khushab	000	0	0	00	00	98	00	0	943	88	0	0	9	0	0	75	99	000	0	0	00	00	98	00	0	981	83	8	0	9	0	1	76		— 1	—	0.9	—	1.6	15
	Sargodha	000	0	1	05	03	97	02	0	950	93	1	1	6	0	0	76	97	000	0	0	09	03	97	02	0	995	85	0	0	9	0	0	78	79			6.2	—	10.1	—
	Lyallpur	000	0	0	00	00	97	00	0	947	93	0	0	9	0	0	/ /	99	000	0	0	36	02	97	00	0	998	/ /	0	0	9	0	0	75	82		0 + 2	5.1	— 0.6	8.4	12
Multan	Sahiwal																																								10
	Multan	000	0	4	00	00	96	06	1	930	25	5	/	3	0	2	77	01	000	3	7	00	00	97	29	9	979	86	3	5	6	2	0	71	81	0	— 2	2.5	— 1.1	3.1	7
	Leiah																		000	0	0	09	02	91	10	3	950	85	0	0	9	0	0	76	91						
Bahawalpur	Khanpur																		000	0	0	23	05	96	02	0	970	84	0	0	9	0	0	74	82			1.1	— 2.7	1.5	8
	Bahawalpur																																								6
	Fort Abbas																		000	0	0	03	04	98	00	0	901	88	0	0	9	0	0	/	79						8
Malakand	Chakdara	000	0	6	27	02	96	03	2	993	86	4	9	9	4	0	63	90	000	0	8	07	05	93	02	0	997	/ /	0	0	9	0	0	67	71			9.1	—	12.0	—
Peshawar	Peshawar	053	9	3	13	02	97	01	9	952	/ /	3	0	9	3	1	65	96																		— 2	—	3.6	+ 0.7	13.1	11
	Kohat																																								—
D. I. Khan	Bannu	000	0	2	00	00	97	03	0	947	93	2	5	6	0	0	76	97	000	0	6	00	00	98	03	0	996	50	3	5	7	7	0	72	76						11
	D. I. Khan																		000	2	6	05	02	97	17	9	994	83	6	0	6	0	0	77	80	—	— 1	1.8	— 2.2	4.0	—
Quetta	Sibi																																								9
	Nokkundi	000	0	0	31	24	93	05	4		/ /	0	0	9	0	0	57	01	000	0	0	31	23	96	02	4	974	83	0	0	9	0	0	60	77			0.0	—	0.2	5
Kalat	Turbat	000	0	0	25	03	98	00	0	945	/ /	0	0	9	0	0	95	95	000	0	0	13	02	98	00	0	049	83	0	0	9	0	0	63	82			0.0	—	0.0	2
	Jiwani	000	0	0	18	14	96	02	0	962	83	0	0	9	0	0	/ /	86																				0.0	—	1.5	—
	Panjgur																		000	0	0	18	02	97	02	0	944	74	0	0	9	0	0	68	/ /	—	—	0.0	—	0.0	5
	Ormara																		000	0	4	27	05	06	06	6	010	81	4	6	6	0	0	75	/ /			0.0	—	0.0	6
	Lasbela																		000	0	4	00	00	98	00	0	006	80	0	0	9	0	0	74	79				— 0.7	0.0	6
Karachi division	Karachi (Manora)																																								8
	Karachi (Airport)	000	0	6	27	10	96	03	2	969	85	6	6	5	0	0	77	/ /	000	0	2	27	10	96	/ /		001	83	2	5	5	0	0	77	80			1.3	—	1.5	8
Hyderabad	Nagarparker																		000	0	6	27	03	92	02	0	010	83	6	2	4	0	0	81	75						—
	Chhor	000	0	0	23	07	96	05	0	950	97	0	0	9	0	0	71	93																				3.0	—	3.0	7
	Hyderabad	000	0	5	20	07	97	01	2	950	95	0	0	9	0	8	73	00	000	0	3	23	09	97	02	0	993	83	0	0	01	0	1	69	80	+ 5	+ 1	1.8	— 2.8	2.2	9
	Badin																																								—
Khairpur	Padidan	000	0	3	18	05	96	03	1	924	02	0	0	9	0	2	70	/ /																				0.2	—	0.2	—
	Nawabshah																		000	0	0	06	05	96	05	0	998	58	0	0	9	0	0	73	78			0.6	—	0.6	4
	Sukkur	000	0	4	18	05	96	02	0	935	91	4	2	6	0	0	74	95	000	0	6	23	05	96	03	0	984	82	6	0	9	6	0	74	80			1.8	—	2.2	—
	Kashmore																																								4
	Jacobabad																		000	0	0	13	15	96	05	0	984	85	0	0	9	0	0	79	82	—	0	2.6	— 0.6	2.6	20
Junagadh	Veraval																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar *																																								71
	Gulmarg *																																								26
	Sonamarg *																																								3
	Dras *																																								6
	Leh *																																								—
	Skardu *																																								—
	Misgar *																																								5
	Aliabad *																																								59
	Gilgit *																																								18
Rawalpindi	Murree *																																								29
Malakand	Drosh *																		000	0	1	00	00	98	02	0	438	77	1	1	7	0	0	51	72	—	0	1.6	—	10.1	—
Peshawar	Cherat *																																								—
	Kakul *																																								—
	Landikotal *	005	3	5	13	02	97	29	9	400	74	3	4	6	3	0	60	84																				32.3	—	38.3	29
	Parachinar *																																								13
	Miranshah *	010	4	7	13	02	96	95	9	421	79	0	0	9	0	0	58	79																		— 6	—	9.8	—	17.4	11
D.I. Khan	Wana *																		000	0	4	05	05	97	00	1	398	82	4	0	9	0	1	75	77			0.9	— 2.5	1.8	13
Quetta	Fort Sandeman *	000	0	4	13	07	96	05	0	364	92	3	5	7	/	1	55	95	000	0	0	00	00	98	00	0	381	/ /	0	0	9	0	0	69	70			0.9	—	1.6	—
	Hindubagh *																																								—
	Loralai *																																			— 4	—	1.9	— 1.9	3.2	9
	Barkhan *																																								14
	Harnai *																																								9
	Samungli (Quetta) *	000	0	0	31	01	96	02	0	382	94	0	0	9	0	0	64	96	///	0	0	31	01	96	30	0	411	78	/	/	/	/	/	69	72			0.0	— 5.1	0.2	—
	Chaman *	000	0	0	31	10	96	07	1	368	92	0	0	9	0	0	68	94	000	0	0	13	05	96	06	0	420	76	0	0	9	0	0	62	70	+ 2	+ 4	0.0	— 0.9	3.7	—
	Nushki *	000	0	0	27	05	92	05	0	420	96	0	0	9	0	0	45	96	000	0	8	00	00	98	03	0	451	80	8	6	8	0	0	43	78	— 3	+ 5	0.0	— 0.1	2.0	—
	Dalbandin *																		000	0	0	07	05	94	06	0	435	83	0	0	9	0	0	/ /	78			0.0	—	1.5	4
Kalat	Kalat *	000	0	0	23	02	94	05	4	390	02	0	0	9	0	0	51	02	000	9	0	23	02	94	05	4	406	77	0	0	9	0	0	/ /	72	— 5	+ 1	0.0	— 0.3	0.5	7
	Khuzdar *	000	0	0	31	00	90	02	0	362	83	0	0	9	0	0	55	90	000	0	0	18	02	92	00	2	417	67	0	0	9	0	0	46	/ /	— 1	—	0.0	— 1.1	1.4	—
	Panjgur *	000	0	0	00	00	96	02	0	367	96	0	0	9	0	0	46	97	000	0	0	27	02	96	02	0	410	78	0	0	9	0	0	63	77			1.4	—	1.7	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 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

When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 14th AUGUST, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_a'L_a$	$Q_cL_oL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{w\,w}$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$0I_sT_sT_dT_d$	$1T_wT_w$ $T_{w_t}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA ...	99 2 00	10 6 00	14 0 63	72 2 28	98 0 62	02 7 27	7/ / //	42 2 01	...	...	0/ / 25	12 4 48	30 5 06	23 9 06
...	99 2 09	12 0 68	14 0 63	62 7 12	97 0 00	05 0 28		73 2 13	...	...	01 0 08		30 4 02	27 0 82

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface $P_oP_oP_oT_oT_oD_oD_o$	1000$_{mb}$	850$_{mb}$	700$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$	70$_{mb}$	50$_{mb}$	30$_{mb}$
		hhh TTT, DD												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...														
Dacca ...	00 00	...	...	400 162 00	049 080 00	577 409 07	749 145 50	961 / //	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...														
Multan ...														
Peshawar ...	00 00	959 234 19	...	380 200 / /	060 134 / /	581 015 / /	755 095 / /	973 185 / /	206 933 / /	...	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT, DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									$P_mP_mP_md_md_md_mf_mf_mf_m$	$P_tP_tP_tT_tT_tT_{ac}$	$d_td_td_tf_tf_tf_t$	$P_tP_tP_tT_tT_tT_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...	00 00	514 000 / /	440 308 / /	186 357 / /	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms. a.s.l.—>	At 1200 hrs. G.M.T. † of Previous day (ddff) 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 (ddff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (ddff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.
STATION 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
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaldala ...	...	100 12	100 15	145 15	170 10	270 23	72 6	...	...	...	070 07	115 08	// //	195 08	235 05	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	240 23	240 27	250 10	275 10	295 05	350 06	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	075 25	180 21	195 20	230 15	175 25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cher t ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	200 16	200 15	180 12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalb ndin ...	...	...	...	...	...	...	...	...	...	...	...	275 09	175 11	160 02	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	025 2	030 7/	...	105 11	...	195 11	...	...	...	080 16	145 19	215 28	210 15	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	285 11	280 18	310 12	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	200 07	210 17	255 06	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	145 13	...	...	250 07	300 12	335 06	...	...	...	150 27	165 19	160 15	130 06	075 04	...	120 12	090 24	070 06	271 08	179 07	234 06	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	360 04	290 03	320 09	320 14	335 09	295 04	245 06	240 13	280 4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	180 11	210 08	220 0/	195 09	260 13	350 19	035 31	040 33	090 32	170 06	160 08	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	270 17	275 15	280 13	...	...	...	...	...	...	...	...
Khanpur ...	170 06	170 06	170 02	145 06	145 12	155 10	090 06	320 02	...	225 4	225 13	...	205 1	...	200 09	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	265 02	295 06	310 09	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	350 08	000 08	025 06	060 08	065 05	070 06	...	...	...	105 08	140 09	155 15	130 10	050 05	030 07	150 05	165 06	155 07	120 07	050 09	010 14	350 17	005 13	015 08	...	...
Multan ...	170 10	180 07	225 05	260 03	310 05	320 07	...	...	...	155 01	170 10	160 9	250 07	265 09	...	160 04	170 05	090 06	100 04	335 06	360 08	280 09	...	...	...	...
Nawab Shah ...	No	Ascent	due to	strong	winds	...	...	...	...	270 08	290 07	295 03	265 09	205 04	150 05	...	...	...	...	...	...	...	...	...	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	065 05	055 06	355 05	280 04	265 12	290 14	...	...	...	...	...	...	...	...	...	280 03	285 05	260 02	285 06	305 07	300 11	305 13	300 13	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	240 10	25 09	...	...	...	...	...	...	...	290 06	265 08	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	...	...	...	...	...	...	...	...	...	120 04	120 15	120 13	290 15	070 06	345 25	...	...	...	...	...	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Varsyal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (Hhii Cdd V_r V_s etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

T_d—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures.

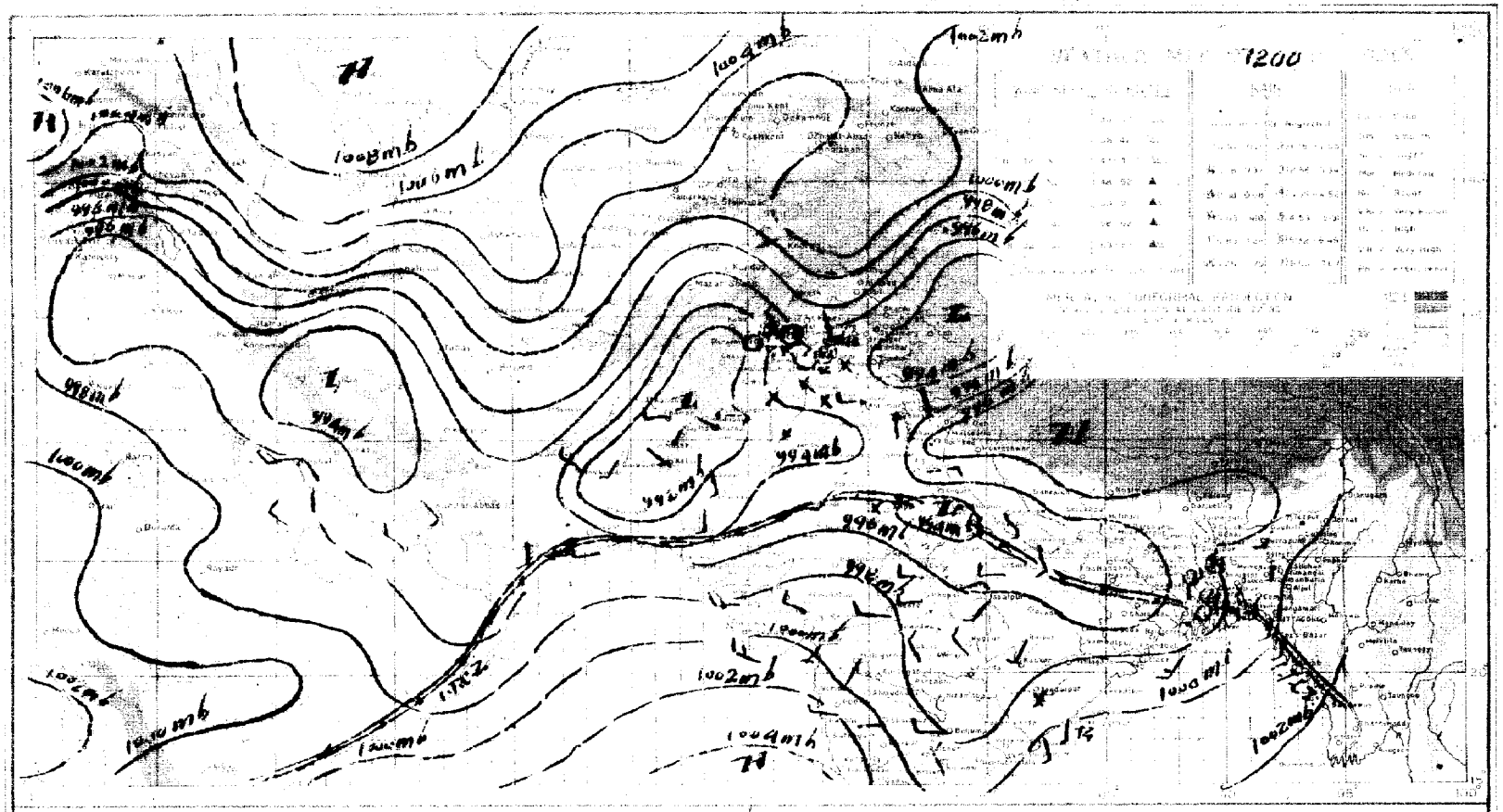
The actual time of observations may vary within h if an hour of the specified time.

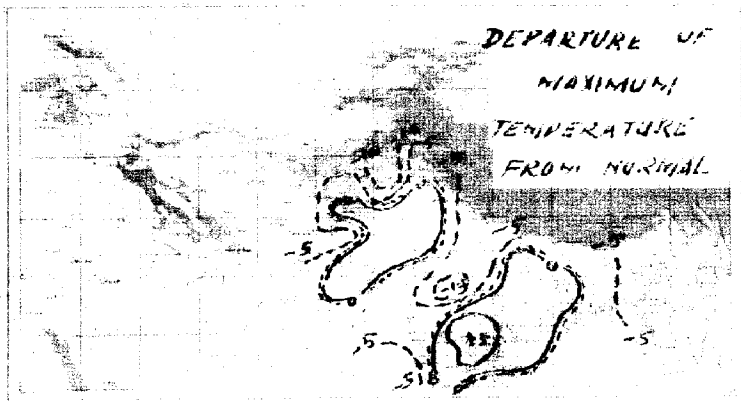
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "ff" in knots or in knots increased by 500.

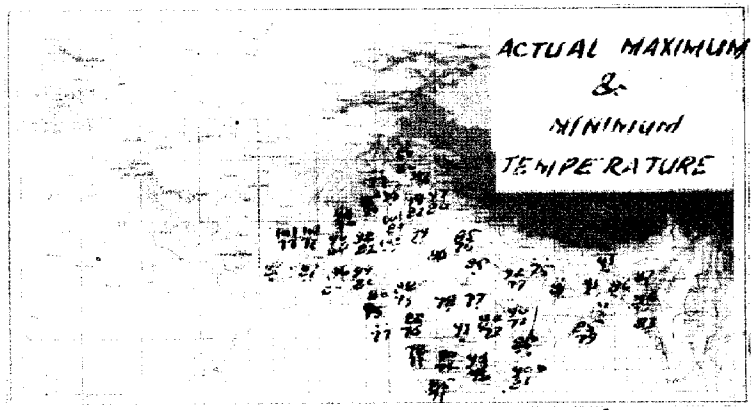
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32

PAKISTAN DAILY WEATHER MAP

FRIDAY 15th AUGUST, 1971.

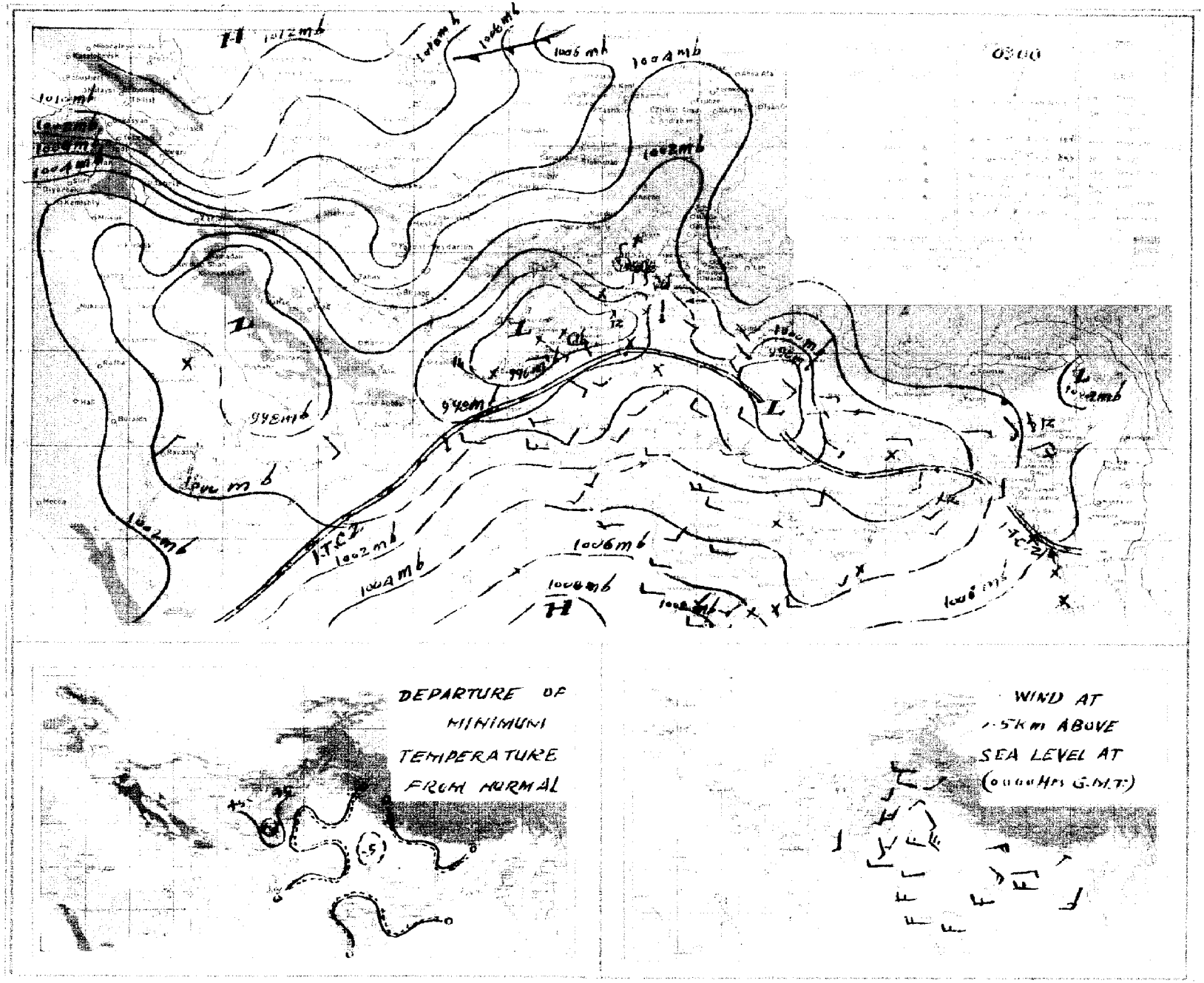






PAKISTAN DAILY WEATHER MAP

SATURDAY 14 AUGUST 1971.



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

FRIDAY THE 13th AUGUST, 1971.

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

The axis of monsoon trough continues to run across Dacca and Chittagong divisions.

Rain/thundershowers have been local in Dacca and Chittagong divisions and scattered elsewhere over East Pakistan.

Yesterday's westerly low pressure wave which lay over Kashmir, East Punjab (India) and adjoining areas of Lahore and Rawalpindi divisions last evening has moved away eastwards.

Its associated trough still extends into East Punjab (India) and adjoining areas.

A fresh westerly low pressure wave is apparently moving across Afghanistan and neighbourhood.

A low pressure area has appeared over West Uttar Pradesh.

Thunderstorms/showers have been scattered in Lahore, Rawalpindi, Sargodha, Malakand, Peshawar and D. I. Khan divisions.

Chief amounts of rainfall are Rajshahi 1", Sylhet 3/4" and Cox's Bazar ½".

Day temperatures were 3—5 °F (2—3 °C) below normal in Dacca, Khulna, Rawalpindi, Sargodha, D. I. Khan, Quetta and Khairpur divisions and at a few stations in Peshawar division and were to the same extent above normal in Malakand division.

Forecast valid until the evening of the 14th August, 1971 :—Rain/thundershowers will be local in East Pakistan and in Malakand and Peshawar divisions and scattered in Lahore, Rawalpindi, D. I. Khan, Sargodha, Quetta and northern Kalat divisions and in Kashmir.

Karachi-32
The 13th August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

Divisions	Stations	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds 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 † (GL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wc)	Total Cloud amount (N)	Wind direction in tens of degrees (dd)	Winds 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 (TnTn)	Departure from Normal of Maximum temperature (TxTx)	Departure from Normal of Minimum temperature (TnTn)	Rainfall: Since 1st June, 1971 co-date	Departure from normal	Since 1st January, 1971 co-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	020	2	7	23	05	98	21	9	010	79	6	7	4	1	/	79	87	040	4	5	18	02	98	03	6	029	80	3	4	6	3	3	74							—
	Cox's Bazar	000	0	8	18	05	96	02	2	001	80	5	5	4	5	0	74	83	064	9	8	18	05	96	61	6	031	75	5	7	3	2	0	74	74						140
	Chittagong	000	0	0	//	//	96	60	6	998	80	5	4	3	2	0	75	85	007	4	6	13	08	96	02	6	023	80	2	2	5	6	0	75	75						108
	Majdee Court	000	0	6	18	05	97	01	2	984	83	4	2	5	1	/	//	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	1	—			115
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	18	05	96	02	1	013	80	4	4	5	0	0	79	//						94
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						78
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	071	/	8	00	00	96	02	6	017	80	6	3	4	2	/	75	75						—
	Srimangal	000	0	8	00	00	96	17	0	976	85	5	9	3	4	0	79	95	050	9	7	00	00	96	02	0	///	/	4	5	4	2	0	75	75	+ 5	— 1				98
Dacca	Mymensingh	010	3	4	00	00	96	02	6	971	89	4	5	5	0	0	79	//	060	0	6	13	02	97	02	2	016	83	6	5	4	0	0	79	79	—	+ 1				91
	Narayanganj	000	0	6	18	03	95	02	2	984	85	5	4	4	3	1	79	86	009	1	7	23	03	97	02	6	006	83	6	5	3	3	3	79	78	— 1	0				74
	Dacca (Tejgaon)	037	9	7	18	05	97	02	2	983	85	4	8	4	4	2	75	87	031	9	7	00	00	97	02	9	002	83	5	8	4	7	0	74	75						—
	Faridpur	099	6	3	20	02	96	02	0	985	85	4	3	5	3	0	75	89	122	3	8	16	05	97	02	6	005	79	5	4	5	1	0	74	74	— 2	— 5				71
Khulna	Barisal	005	6	7	18	05	97	02	5	894	70	2	2	9	0	6	//	84	005	0	7	21	03	97	02	2	014	80	3	5	4	2	0	75	79	— 3	+ 1				81
	Khulna	025	2	6	00	00	97	02	0	975	82	3	3	4	0	0	79	83	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						68
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	015	0	6	18	03	97	03	0	009	80	4	3	9	0	0	77	77						65
	Jessore	000	0	7	13	05	96	01	2	978	83	4	6	3	2	0	75	//	266	5	8	18	04	94	63	9	005	76	7	7	3	2	0	76	76	—	— 3				65
Rajshahi	Pabna	019	5	6	12	02	98	01	6	///	80	2	2	6	0	0	74	84	039	2	8	23	02	96	51	6	///	80	4	7	6	2	0	79	80						59
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						64
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Bogra	009	0	7	13	03	96	03	6	970	83	5	4	4	3	0	75	87	026	6	7	13	02	96	00	6	006	80	4	6	4	7	0	79	76	— 1	— 3				69
	Dinajpur	000	1	7	09	05	96	95	2	967	85	5	3	6	2	/	79	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—				72
	Rangpur	004	4	0	//	02	96	01	6	973	83	6	0	9	2	0	80	90	004	0	7	09	05	96	03	2	013	85	7	0	9	2	0	80	80	+ 1	+ 2				84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
Lahore	Lahore (Jail Rd.)	002	6	4	36	07	97	03	9	942	89	9	4	2	8	9	77	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—	6.1	— 0.6	11.7	19
	Sialkot	000	6	0	00	00	98	01	9	945	98	0	0	9	0	0	73	88	000	0	1	00	00	99	03	0	983	83	1	0	9	4	0	76	75	— 6	— 3	18.3	+ 3.3	28.1	32
Rawalpindi	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	18	02	97	03	0	977	80	0	0	9	0	1	76	72			12.7	—	17.4	—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Rawalpindi	053	0	1	00	00	97	02	0	939	89	/	1	6	0	0	71	89	000	0	1	00	00	97	02	0	976	79	1	1	6	0	0	73	73	— 5	— 2	23.5	+ 9.1	23.8	36
	Campbellpur	000	0	0	05	02	98	00	0	///	95	0	0	9	0	0	95	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
Sargodha	Khushab	000	0	0	00	00	97	00	0	946	88	0	0	9	0	0	75	86	000	0	0	00	00	97	00	0	983	82	0	0	9	0	0	76	72	— 11	— 9	0.9	— 6.0	1.6	15
	Sargodha	016	0	0	09	03	97	02	0	946	87	0	0	9	0	0	71	90	000	0	4	09	03	96	04	0	981	80	1	0	6	3	0	76	76			6.2	—	10.2	—
	Lyallpur	000	0	0	00	00	97	00	0	932	91	0	0	9	0	0	60	96	000	0	0	00	00	97	00	0	970	89	0	0	9	0	0	73	80	— 3	0	5.1	— 0.5	8.3	12
Multan	Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						10
	Multan	000	0	1	//	//	96	06	2	930	//	0	0	9	0	0	79	//	000	0	0	09	02	96	06	0	965	87	0	0	9	0	0	/	80	—	0	2.5	— 1.0	3.1	7
	Lodhi	000	0	0	36	08	94	00	0	911	03	0	0	9	0	0	71	03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
Bahawalpur	Khanpur	000	0	0	00	00	96	06	0	928	01	0	0	9	0	0	74	04	000	0	0	23	05	96	02	0	970	84	0	0	9	0	0	74	82	—		1.1	— 2.7	1.5	6
	Bahawalpur	000	0	0	00	00	90	00	0	930	00	0	0	9	0	0	69	04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	— 3.4	2.1	6
	Fort Abbas	///	2	0	13	04	96	00	0	930	84	0	0	9	0	0	71	84	/	0	0	00	00	90	00	0	9	88	0	0	9	0	0	/	79						8
Malakand	Chakdara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	5	36	02	98	03	0	997	79	5	0	9	3	0	66	71			9.2	—	12.0	—
Peshawar	Peshawar	090	0	3	05	05	97	02	0	918	91	2	3	6	0	0	74	93	000	0	5	00	00	97	02	2	974	80	4	9	6	3	0	73	77	— 5	— 2	2.0	— 0.3	12.0	11
	Hoshiarpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	/	/	98	00	0	984	82	0	0	9	0	0	71	73			23.5	—	31.4	—
D. I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	00	00	98	03	/	996	//	3	5	7	7	0	72	76			5.0	—	7.3	11
	D. I. Khan	000	0	5	05	02	97	03	1	947	90	0	0	9	0	0	77	96	000	0	7	05	05	97	02	0	980	83	0	0	9	0	4	76	78	— 4	— 3	0.7	— 3.3	3.0	9
Quetta	Sibi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						5
	Nokkundi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						2
Kalat	Turbat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Jiwani	000	0	0	13	05	95	05	0	929	99	0	0	9	0	0	79	//	000	0	7	18	07	96	06	2	973	80	7	6	4	0	0	71	78			0.0	—	1.5	5
	Pasni	000	0	2	07	02	97	00	0	947	79	0	0	9	0	0	67	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 11		0.0	— 0.8	0.0	6
	Ormara	000	0	1	27	17	96	02	2	955	84	1	4	6	0	0	75	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	— 0.7	—	6
	Lasbela	000	0	2	18	02	98	00	0	953	00	0	0	9	0	0	74	00	000	0	6	00	00	98	00	0	008	81	0	0	9	0	0	76	80						8
Karachi division	Karachi (Mauripur)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	80						8
	Karachi (Airport)	000	0	6	27	14	96	01	2	960	85	6	6	4	0	0	75	//	000	0	6	27	10	96	02	2	985	//	0	6	5	0	0	76	80			1.3	—	1.5	—
Hyderabad	Nagarparker	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						7
	Hyderabad	000	0	8	23	07	96	06	2	941	//	0	0	9	0	0	72	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2	—	1.8	— 2.6	2.2	9
	Badin	000	0	5	23	10	96	03	1	961	90	2	2	6	0	0	73	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			1.7	— 3.4	1.7	—
Khairpur	Padidan	000	0	0	13	01	96	03	1	918	91	0	0	9	0	0	7	04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.2	—	0.2	—
	Nawabshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						4
	Sukkur	000	0	4	27	05	96	01	0	940	92	4	2	6	0	0	73	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			1.8	—	2.2	—
	Kashmore	000	0	0	00	00	98	02	0	950	01	0	0	9	0	0	76	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						4
	Jacobabad	000	0	0	06	05	96	05	0	919	98	0	0	9	0	0	76	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 5	—	2.6	+ 0.7	2.6	20
Junagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						26
	HILL STATIONS																																								—
Kashmir	Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						71
	Gulmarg ***	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						26
	Sonamarg ***	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						3
	Dras ***	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						6
	Leh ***	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Skardu *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Miagar **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						5
	Allabad *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						59
	Gilgit *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						18
Rawalpindi	Murree *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	005	2	2	07	02	97	01	9	408	67	2	5	3	0	0	58	58	—	— 3	34.0	+10.6	43.5	29
Malakand	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	3	00	00	98	01	1	417	77	1	1	7	3	0	47	71	—	— 1	1.6	—	10.1	—
Peshawar	Cherat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	3	06	06	96	03	2	424	72	6	4	8	0	0	68	70	—	— 1	8.4	+ 1.0	15.6	—
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	00	00	97	01	/	419	74	1	1	7	0	0	78	//			32.3	—	38.3	29
	Landikotal *	000	0	2	18	05	98	02	2	386	88	2	0	/	2	0	74	94	000	0	6	09	05	97	02	2	409	77	6	6	2	2	0	68	72	—		5.4	—	19.4	13
	Parachinar *	000	4	6	13	03	97	17	9	957	//	6	9	6	0	0	//	//	000	0	3	13	02	97	01	1	420	70	2	7	5	3	0	63	66	—	+ 1	9.1	—	16.6	11
D.I. Khan	Miranshah *	000	0	6	05	05	97	00	2	392	89	6	0	9	0	2	73	//	000	0	4	05	05	97	00	1	398	83	4	0	9	0	1	75	77			0.9	— 2.5	1.8	13
	Wana *	000	0	0	13	06	98	00	0	499	87	0	0	9	0	0	70	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.9	—	1.6	—
Quetta	Fort Sandeman *	000	0	0	00	00	95	04	4	354	96	0	0	9	0	0	52	98	000	0	0	05	02	95	05	4	397	79	0	0	9	0	0	58	74	— 1	— 1	2.0	— 1.8	3.2	9
	Hindubagh *	000	0	0	25	09	94	05	0	///	90	0	0	9	0	0	38	94	000	0	0	27	02	94	05	/	///	79	0	0	9	0	0	//	//			0.4	—	2.3	—
	Loralai *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						14
	Barkhan *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						9
	Harnai *	000	0	0	18	01	96	01	0	361	96	0	0	9	0	0	65	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	— 5.0	0.2	8
	Samungli (Quetta) *	000	0	0	31	02	93	06	0	388	92	0	0	9	0	0	17	93	000	0	0	00	00	96	06	0	409	71	0	0	9	0	0	52	68	+ 1	+ 2	0.0	— 1.0	3.7	—
	Chaman *	000	0	0	02	03	96	00	0	401	96	0	0	9	0	0	49	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2	—	0.0	— 0.1	2.0	—
	Nushki *	000	0	0	23	03	96	05	0	426	99	0	0	9	0	0	43	01	000	0	0	00	00	95	05	0	444	85	0	0	9	0	0	//	79	—	—	0.0	—	1.5	4
	Dalbandin *	000	0	0	23	03	93	05	4	388	02	0	0	9	0	0	69	03	000	0	0	23	07	94	05	0	///	79	0	0	9	0	0	/	74	— 4	+ 3	0.0	— 0.3	0.5	7
Kalat	Kalat *	000	0	0	31	00	92	00	2	358	85	0	0	9	0	0	53	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—	0.0	— 1.1	1.4	—
	Khuzdar *	000	0	0	18	02	96	02	0	360	96	0	0	9	0	0	41	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			1.4	—	1.7	5
	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 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

When over 999 in given RRR see the summary boys for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 13th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99L$_a$L$_a$L$_a$	Q$_c$L$_o$L$_o$L$_o$L$_o$	YYGG$_{iw}$	N dd FF	VV w w W	PPP TT	N$_h$C$_L$hC$_M$C$_H$	D$_s$V$_s$a PP	7RR t$_R$t$_R$	8N$_s$Ch$_s$h$_s$	0I$_s$T$_s$T$_d$T$_d$	1T$_w$T$_w$ T$_{wt}$T	3P$_w$P$_w$H$_w$H$_w$	d$_w$d$_w$P$_w$H$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
BAY OF BENGAL ...	99 2 18	10 9 17	12 1 23	12 0 13	98 1 62	99 4 26	64 3 / /	...	...	...	0/ / 25	12 7 75	30 8 02	...
...	99 1 97	10 9 11	12 0 03	87 9 11	98 0 50	01 1 26	85 4 / /	43 4 00	...	...	0/ / 20	12 7 58	30 7 02	19 7 84
ARABIAN SEA ...	99 2 25	10 6 15	13 0 64	42 2 17	96 0 22	99 8 25	32 4 1/	63 2 01	...	...	0/ / 23	12 3 50	30 2 03	24 5 07

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000$_{mb}$	850$_{mb}$	700$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$	70$_{mb}$	50$_{mb}$	30$_{mb}$
		PoPoPoToToToDoDo	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	999 172 34	...	430 190 41	031 096 33	596 027 0/	...	...	...	...	...	...	...	...
Dacca ...	00 00	999 269 15	...	400 180 39	052 104 / /	578 045 / /	750 133 / /	964 269 / /	243 499 / /	425 645 / /	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...														
Multan ...														
Peshawar ...	00 00	957 254 29	...	380 208 48	048 116 60	578 053 / /	750 147 / /	965 213 / /	264 407 / /	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	997 264 00	MISDA	...	..	...	...	...	...	...	...	..	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT$_a$ DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									P$_m$P$_m$P$_m$d$_m$d$_m$f$_m$f$_m$f$_m$	P$_t$P$_t$P$_t$T$_t$T$_t$T$_{at}$	d$_t$d$_t$f$_t$f$_t$f$_t$	P$_t$P$_t$P$_t$T$_t$T$_t$T$_t$	d$_t$ d$_t$ f$_t$ f$_t$ f$_t$
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...	00 00	548 000 / /	128 707 / /	...	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ..													

UPPER WIND DATA

Height in kms. a.s.l.-->	At 1200 hrs. G.M.T. † of Previous day (ddfff) 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 (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 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
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ..	...	205 03	090 04	025 02	340 03	270 05	015 08	355 17	320 17	...	060 02	050 03	015 04	335 06	285 10	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	165 19	160 28	150 28	152 07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cher t ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ..	185 12	190 19	205 25	225 25	225 33	...	...	...	...	No	Ascen:	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	175 13	185 16	150 12	170 09	155 10	...	...	...	...	200 16	200 15	180 12	165 09	145 10	155 13	165 06	170 08	170 06	180 09	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	285 10	295 09	300 17	310 2	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	235 17	215 16	100 1/	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	035 14	055 05	325 01	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	155 07	175 07	180 07	115 04	040 05	330 05	...	...	...	145 15	190 12	115 07	135 08	160 07	268 05	115 08	075 10	075 08	075 02	145 01	310 02	260 12	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	160 01	/ / / /	030 03	055 04	305 04	315 07	020 17	325 24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	.	...	...	...	...	..	...	...	...	170 06	170 05	140 02	065 05	305 08	280 11	170 07	155 08	...	...	...	...	...	...	...	...	...
Karachi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	270 12	295 09	...	...	...	...	...	...	...	...	...
Khanpur ...	195 02	200 02	220 03	246 4	185 08	...	/ / / /	...	...	195 3	220 13	215 16	205 12	205 14	190 07	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	335 06	020 04	025 03	060 07	125 07	...	...	...	...	0 0 66	145 10	175 10	145 06	030 02	010 04	165 03	175 06	165 04	145 03	...	...	...	...	...	...	...
Multan ...	095 21	115 10	130 29	165 07	195 10	...	...	...	...	1 0 06	170 07	140 02	165 05	305 08	280 11	050 05	005 06	270 02	...	170 04	...	...	...	...	...	...
Nawab Shah ...	190 10	210 06	245 05	315 05	...	...	...	...	...	225 12	260 02	270 05	275 10	215 04	135 04	240 03	300 06	340 06	300 06	...	...	...	...	...	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	060 09	155 06	180 07	220 05	200 37	305 20	...	...	...	340 05	300 02	350 01	030 01	050 03	...	.	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	305 06	230 07	200 11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	/// //	085 13	075 10	040 03	345 09	325 16	325 20	315 20	...	090 07	110 10	080 09	355 05	265 04	245 08	125 04	090 06	095 06	095 10	045 06	305 09	290 10	215 07	260 09	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ..																					

Cloud observation Data (IIiii Cdd V, V, etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

Ts—Approximates tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures

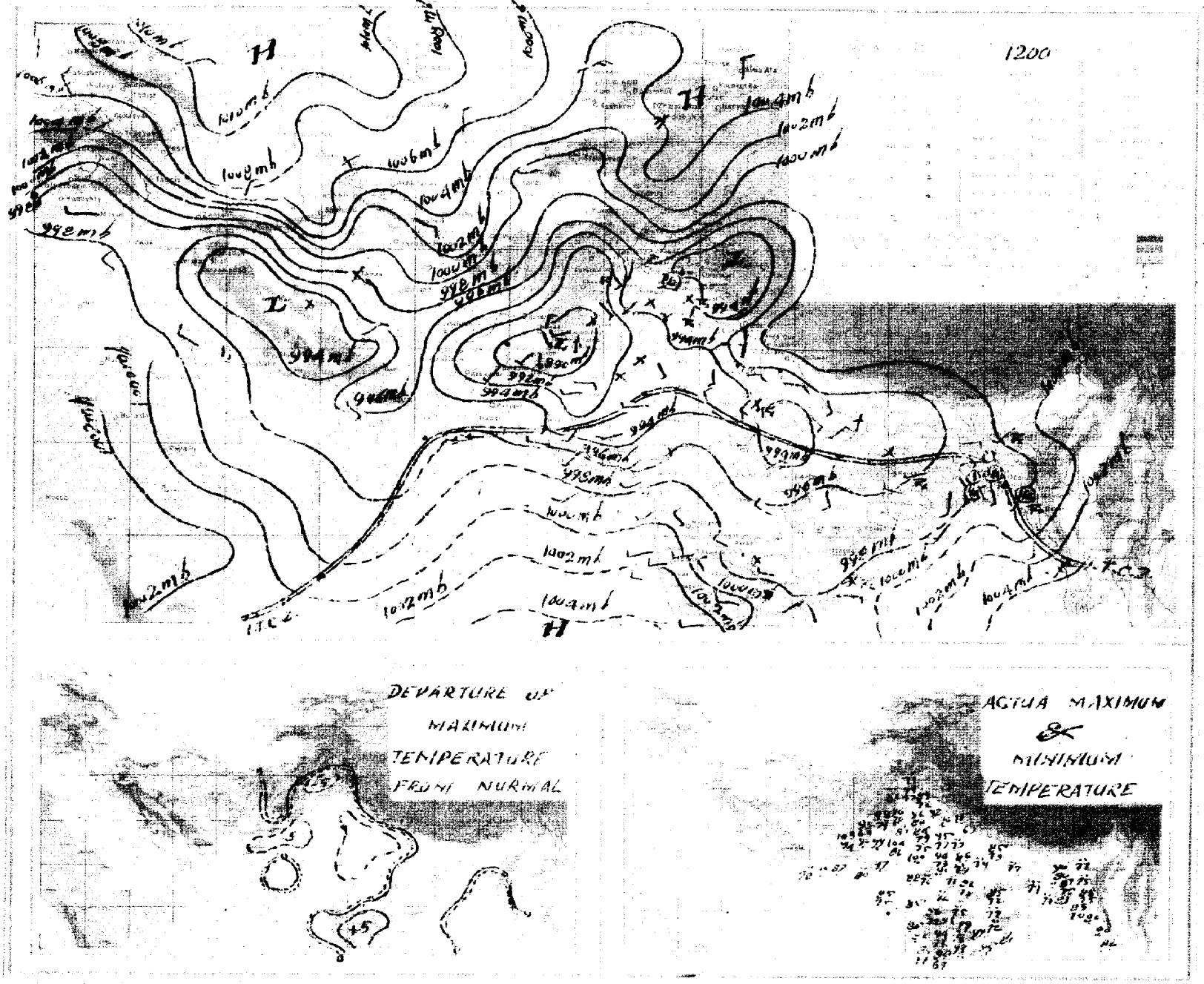
The actual time of observations may vary within half an hour of the specified time

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32

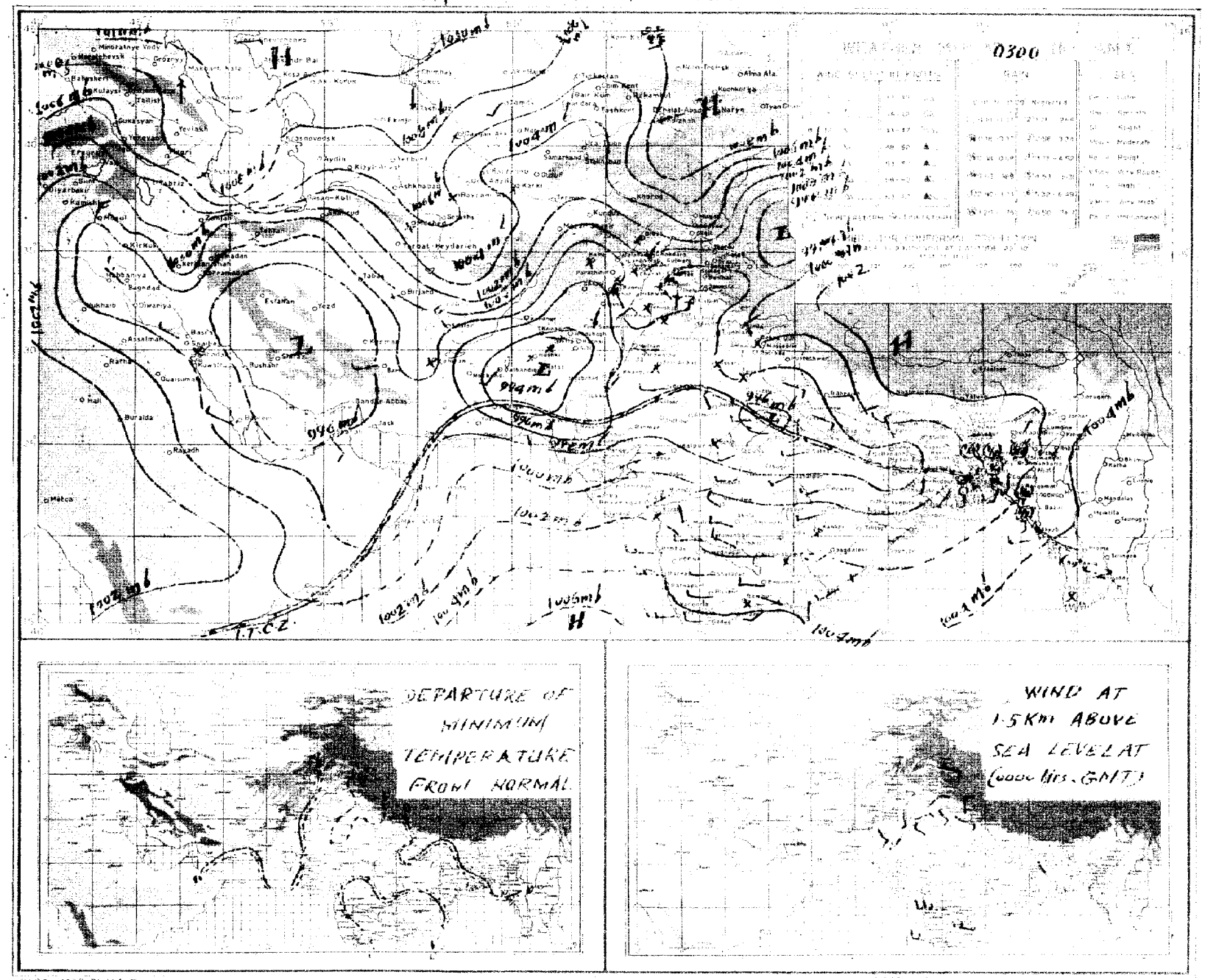
PAKISTAN DAILY WEATHER MAP

THURSDAY 12th AUGUST, 1971



PAKISTAN DAILY WEATHER MAP

FRIDAY 13th AUGUST 1971.



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

THURSDAY THE 12th AUGUST, 1971.

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

The axis of monsoon trough continues to extend into north Bay of Bengal.

Rain/thundershowers have been widespread in Dacca division fairly widespread in Chittagong and Khulna divisions and local in Rajshahi division.

An upper air cyclonic circulation which appeared over Bahawalpur division and adjoining Rajasthan last evening has become unimportant.

The trough of low over Kashmir has moved away northeastwards.

A westerly low pressure wave is now moving across northern areas of West Pakistan and Kashmir.

Rain/thundershowers have been fairly widespread in Sargodha division and local in Rawalpindi, Peshawar and D. I. Khan divisions. Light rain has also been reported from Lahore division.

Chief amounts of rainfall are Comilla 2", Faridpur and Khushab 1½" each, Mymensingh 1", Bhola and Maijdee Court 3/4" each, Khulna, Pabna and Peshawar ½" each and Narayanganj, Dacca, Murree and Miranshah ¼" each.

Day temperatures were 3—5 °F (2—3 °C) below normal in Rawalpindi, Sargodha, Peshawar, Quetta and Khairpur divisions and were to the same extent above normal in Malakand division.

Forecast valid until the evening of the 13th August, 1971 :—Rain/thundershowers will be fairly widespread over East Pakistan and in Lahore, Rawalpindi and Sargodha divisions, local in Kashmir and scattered in Malakand, Peshawar, D. I. Khan and Multan divisions. A few falls of drizzle may also occur in Karachi and Hyderabad divisions.

Karachi-32
The 12th August, 1971.

OBSERVATIONS

ARSHAD NOOR KHAN
for Director Meteorological Services.

Divisions	Stations	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Ws)	Total cloud amount (N)	Wind direction in cens. of degrees (dd)	Winds 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 † (GL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Ws)	Total Cloud amount (N)	Wind direction in cens 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 (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	Minimum temperature (TnTn)	Rainfall: Since 1st June, 1971 to date	Departure from normal	Since 1st January, 1971 to date	Annual Normal
	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	0	8	12	04	96	60	6	004	76	7	5	4	6	0	73	85	236	9	8	16	09	96	21	6	022	77	5	4	4	2	0	73	76	0	0				140
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	045	3	7	13	05	96	20	6	025	79	4	7	3	2	0	77	76	—	0				108
	Chittagong	027	0	6	18	02	97	01	5	974	85	4	2	5	1	/	73	85	080	5	7	13	05	97	01	2	004	83	5	2	5	1	/	83	73	—	4				115
	Maijdee Court	000	0	5	13	05	96	02	0	978	81	5	4	5	0	0	77	86	230	09	6	16	05	96	02	6	015	81	6	4	5	0	0	77	76	—	1				94
	Comilla																																			—	—				78
	Brahmanbaria	000	0	7	00	00	96	02	0	982	83	5	4	5	3	/	77	87	005	9	8	09	05	96	02	6	015	81	5	4	5	2	/	77	77	—	—				—
	Sylhet	002	6	7	00	00	96	06	6	981	85	4	9	4	4	2	79	93	002	9	5	00	00	96	02	6	019	81	0	0	5	4	2	77	77	+ 3	+ 1				98
	Srimangal																		106	0	4	13	02	97	01	1	011	81	4	5	5	0	0	79	77	—	— 1				91
Dacca	Mymensingh	010	5	9	23	02	95	06	0	972	83	6	6	4	/	/	79	83	020	1	8	13	02	97	03	6	012	81	7	7	3	/	/	77	79	— 4	0				74
	Narayanganj	013	9	7	18	02	97	03	6	973	83	6	5	4	2	0	77	85	019	0	6	13	05	96	95	2	009	81	7	9	3	2	/	79	79	—	—				—
	Dacca (Tejgaon)	009	4	8	14	02	97	02	6	971	83	6	5	5	1	0	79	83	150	2	1	18	02	97	61	6	001	83	6	4	5	1	0	79	76	— 4	— 3				71
	Faridpur	008	4	7	21	05	96	61	6	980	81	5	6	4	2	8	79	82	009	3	7	13	05	96	02	5	007	91	6	6	3	2	0	77	79	— 4	+ 1				81
Khulna	Barisal	049	/	4	00	00	97	02	0	974	79	/	2	2	4	0	77	81	049	9	2	13	05	97	02	0	998	81	0	2	4	8	0	79	77	—	—				68
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	055	0	5	00	00	97	02	0	004	81	4	2	9	3	0	77	77	—	—				65
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	013	0	7	23	03	96	02	0	002	83	1	6	4	7	0	77	77	—	— 1				—
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	052	9	7	13	02	96	03	9	...	///	3	5	6	7	0	77	81	—	—				59
Rajshahi	Pabna	052	5	6	00	00	98	01	9	///	81	6	0	9	0	2	79	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				64
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
	Rajshahi	000	0	6	13	02	96	02	0	956	84	3	2	5	3	0	77	91	054	4	7	09	02	96	02	2	001	81	4	3	4	7	0	79	76	— 1	— 3				69
	Bogra	028	3	7	00	00	98	02	6	959	81	3	6	4	0	0	79	87	003	0	7	09	02	96	03	2	005	85	4	5	6	2	...	79	79	—	0				72
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	045	8	7	09	02	96	01	6	009	85	7	0	9	2	0	81	81	—	+ 3				84
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...																								—
Kashmir	Jammu																																									—
Lahore	Lahore (Jail Rd.)	000	0	3	00	00	97	01	1	933	95	3	1	6	0	0	75	97	000	0	8	09	07	96	03	2	977	83	5	9	6	2	/	73	83	— 1	+ 3	8.7	— 0.4	11.7	19
	Sialkot	000	0	0	00	00	95	01	1	947	90	0	0	9	0	0	73	94	000	0	7	09	02	98	03	1	983	77	2	5	6	2	0	69	71	— 1	— 6	18.3	+ 3.6	25.1	32
Rawalpindi	Jhelum	000	0	3	00	00	98	02	1	934	94	6	1	7	0	0	76	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	12.7	—	—	—
	Islamabad	///	/	1	00	00	97	02	0	940	69	1	1	6	0	0	70	90	087	/	6	05	05	97	91	9	975	77	4	9	6	1	/	...	...	— 5	—	23.5	+ 9.4	23.8	26
	Rawalpindi	037	0	2	13	00	97	02	0	///	93	0	0	9	0	0	73	98	037	0	2	10	00	97	00	0	///	76	0	0	9	0	0	76	73	—	—	—	—	—	—
	Campbellpur	000	0	0	13	13	98	00	0	///	93	0	0	9	0	0	73	98	150	2	8	05	07	96	03	2	996	76	8	2	9	0	0	73	...	— 3	—	0.9	— 5.9	1.6	15
Sargodha	Khushab	000	0	5	00	00	97	03	2	935	96	3	2	9	0	4	73	97	007	2	8	27	07	97	17	9	973	78	6	9	4	2	/	76	77	—	—	6.0	—	10.2	—
	Sargodha	000	0	0	36	02	97	00	0	939	93	0	0	9	0	0	58	99	000	3	6	36	02	97	51	5	962	87	6	9	7	0	0	78	80	0	0	5.1	— 0.3	8.3	12
	Lyallpur																																			—	—				10
Multan	Sahiwal	000	0	0	00	00	96	02	1	921	01	0	0	9	0	0	74	03	060	0	4	09	03	96	05	1	959	90	2	5	6	3	0	79	87	+ 2	+ 4	2.5	— 1.0	3.1	7
	Multan																																			—	—	—		—	8
	Leiah																																			—	—	1.1	— 2.6	1.5	6
Bahawalpur	Khanpur	000	0	0	00	00	96	02	1	923	01	0	0	9	0	0	76	03	000	0	0	23	03	96	20	2	963	85	0	0	9	0	0	75	63	—	—	0.0	— 3.4	2.1	6
	Bahawalpur	000	0	0	00	00	96	00	0	930	02	0	0	9	0	0	69	04	000	0	0	00	00	96	00	0	966	90	0	0	9	0	0	67	86	—	—	—	—	—	8
	Fort Abbas	000	0	0	00	00	98	00	0	93	12	0	0	9	0	0	//	//	///	/	0	05	04	98	00	0	9..	88	0	0	9	0	0	//	79	—	—	—	—	12.0	—
Malakand	Chakdara																		///	/	5	05	03	97	02	1	969	79	2	8	6	3	0	72	72	— 2	— 7	2.5	— 0.3	12.0	11
Peshawar	Peshawar	000	0	1	05	05	97	01	0	931	94	1	1	6	0	0	73	97																		—	—	23.5	—	31.4	—
	Hoti pur																		000	0	0	29	01	98	20	9	979	71	5	8	3	6	/	/	75	—	—	5.0	—	7.3	11
D. I. Khan	B nnu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	108	7	4	05	02	97	01	9	966	80	2	5	6	1	0	73	75	+ 2	— 7	0.7	— 3.1	2.9	9
	D. I. Khan	000	0	0	13	02	97	01	6	928	99	0	0	9	0	0	76	99																		—	—	—	—	—	5
Quetta	Sibi																		000	0	0	13	16	97	02	0	960	83	0	0	9	0	0	65	79	—	—	0.0	—	0.2	2
	Nokkundi	000	0	1	31	12	96	02	0	914	01	0	0	9	0	0	68	03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	—	—	—
Kalat	Turbat	000	0	0	25	06	94	00	0	963	//	0	0	9	0	0	83	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	—	1.5	5
	Jiwani	000	0	3	18	12	96	06	0	965	82	3	6	5	0	0	74	81	000	0	7	16	02	96	06	1	999	79	7	6	4	0	0	73	77	—	—	0.0	— 0.8	0.0	6
	Pasni	000	0	2	21	02	97	00	0	142	76	0	0	0	0	0	67	00	000	0	0	18	02	97	02	0	144	76	0	0	9	0	0	60	//	—	—	0.0	— 0.7	0.0	6
	Ormara	000	0	2	27	14	96	04	0	960	83	1	6	6	0	2	75	82	000	0	0	00	00	97	02	1	998	81	6	6	6	0	0	75	//	—	—	—	—	—	8
	Lasbela	000	0	3	23	02	97	00	0	957	00	0	0	9	0	0	77	01	000	0	5	00	00	98	00	0	987	81	0	0	8	0	0	75	80	—	—	—	—	—	8
Karachi division	Karachi (Manora)	000	0	4	25	07	96	03	2	966	84	4	6	4	0	0	76	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	1.0	—	1.1	8
	Karachi (Airport)	000	0	4	27	07	96	01	/	968	85	4	6	5	0	0	78	//	000	0	6	20	03	96	02	2	991	82	6	6	8	0	0	76	80	—	—	1.3	—	1.5	—
Hyderabad	Nagarparker																																			—	—				—
	Chhor	000	0	3	23	15	96	05	0	951	92	5	5	6	0	0	75	94	000	0	0	23	03	96	00	0	988	80	0	0	9	0	0	81	79	—	—	3.0	—	3.0	7
	Hyderabad	000	0	7	23	07	97	02	2	950	95	0	0	9	0	1	75	98	000	0	8	23	07	97	03	2	971	86	0	0	9	0	8	74	81	+ 2	+ 2	1.8	— 2.7	2.2	9
	Badin	000	0	5	23	07	97	01	2	968	89	5	5	6	0	0	75	92	000	0	0	23	10	93	02	1	985	82	0	0	9	0	0	75	80	—	—	1.7	— 3.3	1.7	—
Khairpur	Padidan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	7	18	07	96	03	0	949	84	0	0	9	0	7	75	02	—	—	0.2	—	0.2	—
	Nawabshah	000	0	0	13	10	96	05	0	940	90	0	0	9	0	0	79	02	000	0	0	18	10	96	05	0	952	84	0	0	9	0	0	73	80	—	—	0.6	—	0.6	4
	Sukkur	000	0	6	23	02	96	03	0	930	02	6	0	9	6	0	77	03	000	0	6	23	05	96	03	0	954	04	6	0	9	9	0	75	82	—	—	1.8	—	2.2	—
	Kashmore																																			—	—				4
	Jacobabad	000	0	0	00	00	96	02	0	931	97	0	0	9	0	0	75	98	000	0	0	18	05	96	05	1	954	85	0	0	9	0	0	76	85	— 7	+ 2	2.5	— 2.4	2.6	20
Junagadh	Veraval																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar *																																								71
	Gulmarg **																																								26
	Sonamarg **																																								3
	Dras **																																								6
	Leh **																																								—
	Skardu *																																								—
	Miagar **																																								5
	Aliabad *																																								59
	Gilgit *																																								18
Rawalpindi	Murree *	003	7	6	13	02	97	17	6	407	68	6	9	3	0	0	67	70	025	9	5	05	05	98	02	9	418	63	5	5	3	0	0	52	56	— 5	— 5	33.9	+11.1	43.3	29
Malakand	Drosh *	000	0	1	27	09	98	68	0	345	96	1	2	7	0	0	30	99	000	0	1	00	00	99	02	0	402	82	1	1	7	0	0	54	75	—	—	1.6	—	10.1	—
Peshawar	Cherat *	000	0	4	18	12	97	01	1	401	82	4	2	8	0	0	70	83	000	0	3	36	04	97	02	2	417	72	3	4	8	0	0	62	67	— 4	— 4	8.0	+ 1.2	15.6	—
	Kakul *	000	0	7	16	13	96	29	9	399	74	5	3	5	0	0	59	81	000	0	2	18	03	98	01	1	408	71	1	2	5	1	0	60	65	—	—	22.3	—	38.3	29
	Landikotal *	000	0	2	18	05	98	01	0	377	89	2	0	/	0	3	76	94	000	0	1	36	02	98	01	2	411	80	1	0	/	0	3	67	73	—	—	9.4	—	19.4	13
	Parachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	002	3	5	00	00	97	29	9	413	74	4	7	6	3	0	63	67	—	+ 2	9.1	—	16.6	11
D.I. Khan	Miranshah *	000	0	4	05	05	97	00	0	381	88	4	0	9	0	0	75	90	000	0	4	05	05	97	00	1	402	83	4	0	9	0	1	70	72	—	—	0.9	—	1.8	13
	Wana *	000	0	0	13	06	96	00	0	401	86	0	0	9	0	0	81	90	000	0	0	00	00	98	00	0	400	80	0	0	9	0	0	77	74	—	—	0.9	—	1.6	—
Quetta	Fort Sandeman *	000	0	0	23	02	95	05	4	366	97	0	0	9	0	0	68	96	000	0	0	09	02	95	05	4	394	80	0	0	9	0	0	67	76	— 2	+ 2	1.9	— 2.2	3.2	9
	Hindubagh *	000	0	0	25	13	92	05	0	///	91	0	0	9	0	0	37	94	000	0	0	25	09	93	05	0	///	79	0	0	9	0	0	41	66	—	—	0.3	—	2.3	—
	Loralai *																																			—	—	—	—	—	14
	Barkhan *																																			—	—	0.0	—	2.0	9
	Harnai *	000	0	0	18	01	96	02	0	383	95	0	0	9	0	0	57	98	000	0	0	05	01	96	02	0	386	84	0	0	9	0	0	69	77	—	—	0.0	— 5.0	0.2	8
	Samungli (Quetta) *	000	0	0	27	05	94	06	0	390	93	0	0	9	0	0	69	93	000	0	0	00	00	93	06	0	413	71	0	0	9	0	0	33	63	— 0	— 4	0.0	— 0.9	3.7	—
	Chaman *	000	0	8	27	03	96	03	0	401	96	8	0	8	0	0	49	97	000	0	0	00	00	98	00	0	424	76	0	0	9	0	0	52	76	— 3	+ 2	0.0	— 0.1	2.0	—
	Nushki *	000	0	0	31	03	93	06	0	437	00	0	0	9	0	0	42	00	000	0	0	15	03	95	05	6	447	86	0	0	9	0	0	32	93	—	—	0.0	—	1.5	4
	Dalbandin *	000	0	0	00	00	93	05	4	406	00	0	0	9	0	0	97	03	000	0	0	31	16	97	02	0	///	83	0	0	9	0	0	45	79	— 11	+ 5	0.0	— 0.3	0.5	7
Kalat	Kalat *	000	0	0	31	02	96	00	2	358	85	0	0	9	0	0	49	90	000	0	0	18	00	91	00	2	398	70	0	0	9	0	0	43	70	—	—	0.0	— 1.0	1.4	—
	Khuzdar *	000	0	0	23	03	96	05	0	274	97	0	0	9	0	0	42	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6	—	—	—	1.7	5
	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 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

When over 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 12th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{w\ w}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	8N$_s$Ch$_s$h$_s$	0T$_s$T$_s$T$_d$T$_d$	1T$_w$T$_w$ T$_{w_1}$T	3P$_w$P$_w$H$_w$H$_w$	d$_w$d$_w$P$_w$H$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000$_{mb}$	850$_{mb}$	700$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$	70$_{mb}$	50$_{mb}$	30$_{mb}$
		PoPoPoToToDoDo	hhh TTT$_s$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	999 256 09	...	400 196 16	037 108 20	577 029 31	761 133 57	964 275 59	243 497 / /	425 673 / /	662 571 / /	...	...	...
Dacca ...	00 00	998 260 06	...	400 158 01	031 098 31	574 047 12	747 137 56	960 275 60	240 489 / /	423 633 / /	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	995 274 36	...	400 226 17	070 136 61	581 039 / /	755 101 79	...	250 461 / /	439 511 / /	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...														
Sargodha ...	00 00	973 280 40	MISDA	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT, DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmPmPmdmdmfmfmfm	PePePcTcTcTac	dcdcfcfcfc	P$_c$P$_c$P$_c$T$_c$T$_c$T$_c$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms. a.s.l.-->	At 1200 hrs. G.M.T. † of Previous day (ddfff)									At 0000 hrs. G.M.T. † of date (ddfff)						At 0600 hrs. G.M.T. † of date (ddfff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.
STATION 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
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	125 02	090 02	070 01	205 03	290 06	280 10	...	305 16	220 21	220 19	320 20	...	...	...	...	285 10	205 05	200 04	250 03	315 04	355 03	...	...	...	...
Chhor ...	130 10	230 11	210 13	045 03	070 05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...																										
Dacca ...	165 06	170 08	170 06	180 09	190 15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	265 05	300 09	310 10	310 16	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	145 04	145 04	155 07	130 06	125 12	150 03	290 17	...	...	150 26	130 34	135 25	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	265 07	195 01	325 18	...	...	335 20	...	...	...	235 04	210 04	200 03	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	050 05	030 04	105 23	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	155 17	205 13	200 06	285 09	255 12	...	165 03	295 02	280 01	295 05	...	335 11	335 11	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	125 02	165 03	185 02	240 02	315 04	315 08	270 25	290 27	315 27	105 10	130 12	120 06	130 03	155 03	160 0	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	170 12	145 11	135 06	260 05	310 08	...	...	...	...	130 20	...	150 06	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	255 14	260 15	265 15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	220 56	240 07	235 06	220 08	185 03	090 04	...	075 06	...	240 12	235 12	240 10	215 15	...	...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	305 09	305 15	310 21	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	110 04	095 05	100 04	125 05	145 07	140 06	...	...	...	170 10	160 15	180 13	161 06	165 05	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	175 07	170 06	165 05	155 08	135 04	345 07	320 18	285 16	285 17	210 10	210 28	...	195 10	185 09	...	190 07	150 04	130 03	215 07	360 04	280 07	...	325 06	...	...	...
Nawab Shah ...	180 10	190 06	220 07	350 02	035 05	010 09	...	...	...	270 09	310 04	340 05	180 07	095 13	...	255 09	295 05	200 03	300 02	350 03	...	...	...	...	...	...
Nokkundi ...	...	...	320 09	325 09	020 10	035 02	345 07	010 06	035 08	...	...	...	361 07	035 11	002 51	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	225 08	300 19	165 09	...	295 29	315 09	...	320 31	...	...	...	...	...	...	260 07	260 02	...	265 18	270 16	210 18	...	...	140 18	025 15	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	...	040 02	320 03	345 01	290 04	305 09	125 02	280 19	...	110 12	115 13	105 09	335 02	...	010 05	100 15	120 17	100 11	050 09	260 11	105 03	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	210 08	230 10	240 11	260 15	...	250 11	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23·5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V$_r$ V$_r$ etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

Ta—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures

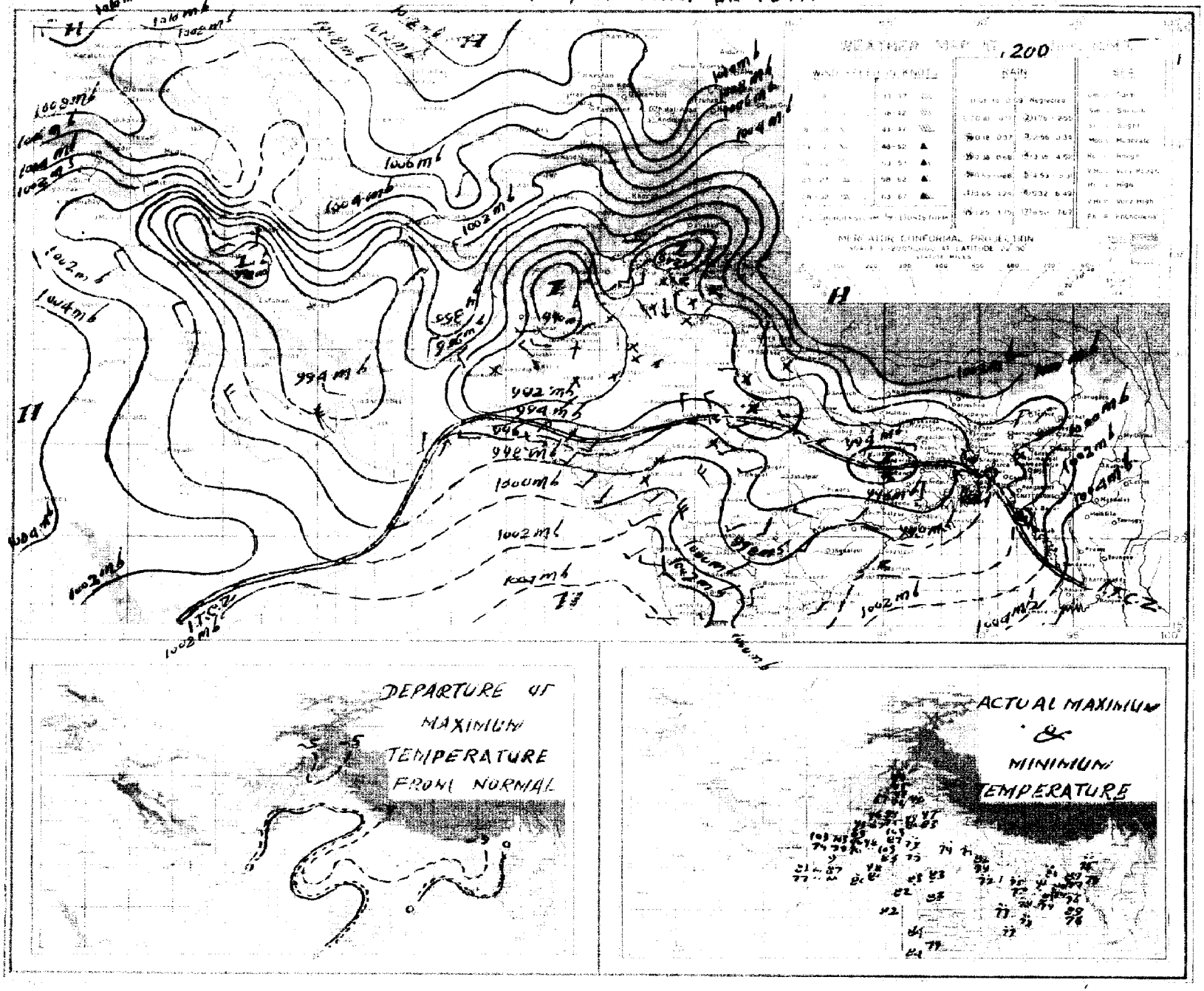
The actual time of observations may vary within ½ hr of an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32

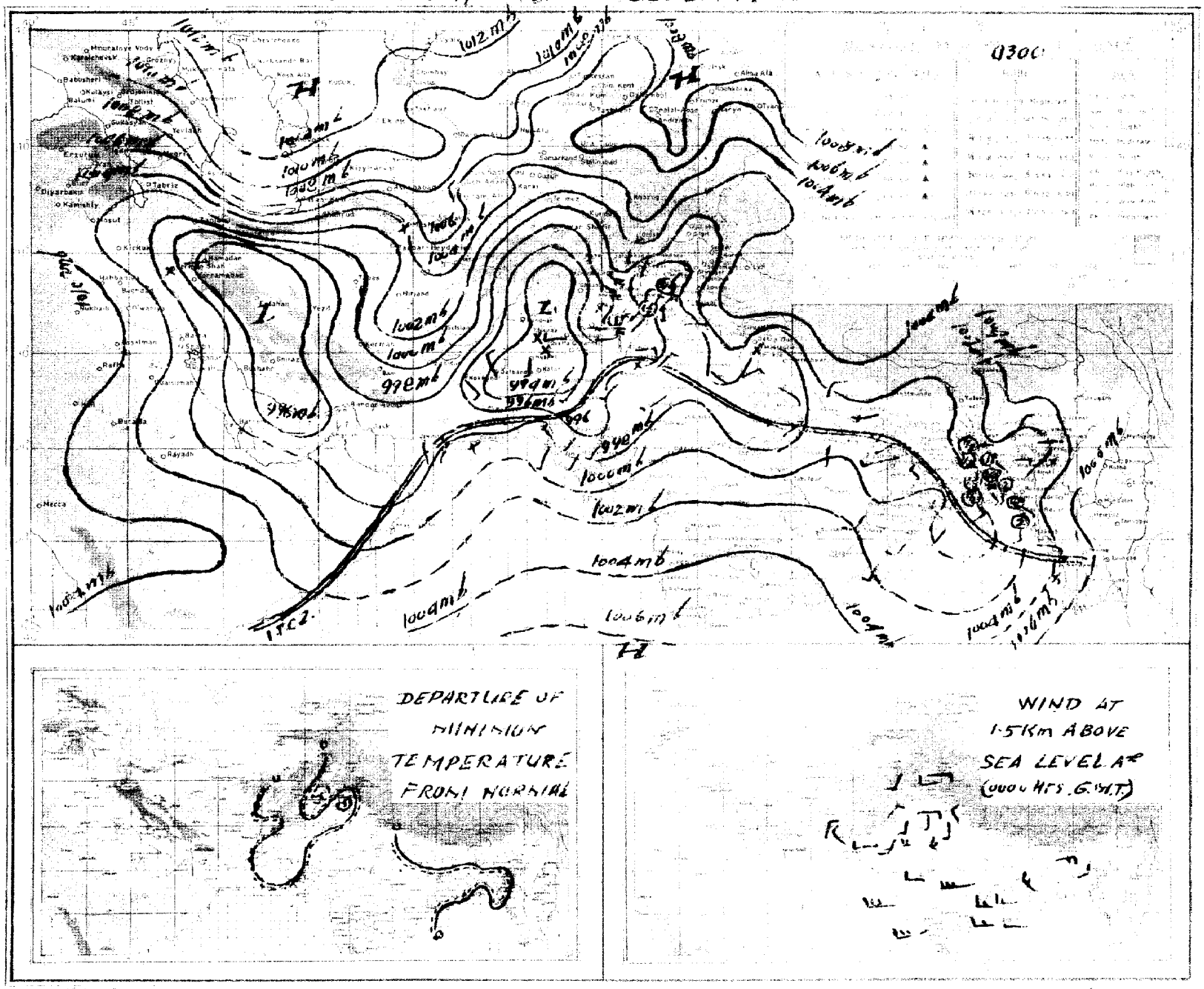
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 11th AUGUST 1971.



PAKISTAN DAILY WEATHER MAP

THURSDAY 12th AUGUST, 1971.



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Reg. No. S-1467
Volume No. 25

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 11th AUGUST, 1971.

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

Yesterday's well marked low over east Uttar Pradesh and adjoining areas has merged into the seasonal trough. Monsoon trough extends upto northwest angle Bay of Bengal. An easterly low pressure wave is moving across East Pakistan.

Rain/thundershowers have been widespread in Chittagong and Khulna divisions, fairly widespread in Dacca division and scattered in Rajshahi division.

Yesterday's westerly low pressure wave north of Kashmir has moved away eastwards. The trough over Kashmir and northern areas of West Pakistan persists. The feeble trough of low over southeast Hyderabad divisions and adjoining area has become unimportant.

Thunderstorms with light rain have been scattered in Sargodha division.

Chief amounts of rainfall are Satkhira 4", Bhola and Dacca 1½" each, Chittagong and Maijdee Court 1" each, Sandwip and Khulna 3/4" each, Mymensingh and Jessore ½" each, Hatyia and Rangamati ¼" each.

Day temperatures were above normal by 4—10 °F (2—6 °C) in Kalat division and were below normal to the same extent in Lahore, Rawalpindi, Sargodha, Peshawar, D. I. Khan and Khairpur divisions.

Forecast valid until the evening of the 12th August, 1971 :—Rain/thundershowers will be fairly widespread in Chittagong, Dacca and Khulna divisions and scattered in Rajshahi, Lahore, Rawalpindi and Peshawar divisions and in Kashmir.

Karachi-32
The 11th August, 1971.

OBSERVATIONS

M SHAHABUDDIN
for Director Meteorological Services.

At 12 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)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)° PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Cloud † Nh (13)	Low Cloud form † GL (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 ...	091	9	8	18	03	96	61	6	996	80	6	7	3	2	0	75	83
	Chittagong ...	000	0	7	13	05	96	02	2	988	80	6	7	3	2	0	74	87
	Maijdee Court ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Comilla ...																	
	Brahmanbaria ...																	
	Sylhet ...	000	9	5	00	00	97	03	2	972	86	4	8	5	6	0	69	90
	Srimangal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narayanganj ...	000	0	6	13	03	95	02	2	968	86	8	6	6	3	1	77	86
	Dacca (Tejgaon) ...	018	5	6	13	02	97	02	6	966	85	2	2	5	6	0	75	86
	Faridpur ...	000	0	4	16	02	96	02	2	981	85	2	4	5	1	0	79	88
Khulna	Barisal ...																	
	Khulna ...	025	2	4	00	00	97	02	0	964	83	2	2	4	0	0	81	90
	Satkhira ...	735	0	4	00	00	97	03	6	965	87	4	3	9	1	2	81	86
	Jessore ...	061	5	6	13	03	96	01	9	962	85	3	6	3	2	0	79	88
Rajshahi	Pabna ...	000	0	5	13	05	92	03	2	///	85	3	3	6	4	0	77	90
	Sirajganj ...																	
	Rajshahi ...																	
	Bogra ...	000	0	4	13	02	96	01	1	958	85	3	2	5	3	0	79	86
	Dinajpur ...																	
	Rangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd) ...	000	0	3	09	03	97	01	1	941	93	3	1	6	0	0	74	94
	Sialkot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum ...	000	0	3	00	00	98	00	0	943	91	1	1	7	3	1	77	92
	Islamabad ...																	
	Rawalpindi ...	066	0	3	23	02	97	01	0	953	85	1	1	6	3	0	74	87
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	6	09	03	97	03	2	949	92	4	/	9	2	4	76	93
	Sargodha ...	000	0	1	09	05	97	02	0	946	91	1	5	6	3	0	73	93
	Lyallpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan	Sahiwal ...																	
	Multan ...	000	0	2	00	00	96	03	0	931	98	1	8	6	0	1	46	03
	Leiah ...	000	0	0	36	08	94	01	8	911	03	0	0	9	0	0	71	03
Bahawalpur	Khanpur ...	000	0	0	00	00	96	02	0	929	01	0	0	9	0	0	59	02
	Bahawalpur ...	000	0	0	00	00	96	06	0	941	00	0	0	9	0	0	//	02
	Fort Abbas ...	///	/	0	00	00	98	03	0	930	11	0	0	9	0	0	93	12
Malakand	Chakdara ...																	
Peshawar	Peshawar ...	000	0	5	36	03	97	01	2	936	88	/	3	6	3	0	73	89
	Haripur ...	000	0	0	19	05	98	00	0	949	86	0	0	9	0	0	73	87
D. I. Khan	Bannu ...	000	0	5	02	01	99	03	1	///	89	3	2	7	7	0	75	80
	D. I. Khan ...	000	0	6	05	05	97	03	1	950	91	0	0	9	0	4	76	92
Quetta	Sibi ...																	
	Nokkundi ...	000	0	0	31	17	94	05	1	924	01	0	0	9	0	0	55	02
Kalat	Turbat ...	000	0	0	33	02	98	00	0	939	93	0	0	9	0	0	63	93
	Jiwani ...	000	0	0	13	19	96	08	0	950	84	0	0	9	0	0	75	88
	Pasni ...	000	0	0	27	02	97	00	0	942	76	0	0	9	0	0	67	00
	Ormara ...	000	0	3	27	10	96	02	2	950	87	3	0	9	0	2	77	92
	Lasbela ...	///	0	6	13	02	93	00	0	948	99	0	0	9	0	0	83	00
Karachi division	Karachi (Manora) ...	000	0	0	25	09	96	02	0	956	85	0	0	9	0	0	77	82
	Karachi (Airport) ...	000	0	0	23	07	96	02	0	955	86	0	0	9	0	0	77	90
Hyderabad	Nagarparker ...																	
	Chhor ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hyderabad ...	000	0	6	13	07	97	01	/	943	94	3	5	9	0	1	77	96
	Badin ...																	
Khairpur	Padidan ...																	
	Nawabshah ...	000	0	0	13	05	96	05	0	944	97	0	0	9	0	0	77	98
	Sukkur ...	000	0	5	23	05	93	01	1	948	90	5	2	6	6	0	79	91
	Kashmore ...																	
	Jacobabad ...	000	0	3	18	05	96	05	0	932	98	0	0	9	0	1	75	99
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Alisbad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	6	27	05	97	02	1	399	67	6	5	3	0	/	63	71
Malakand	Drosh * ...	004	2	0	00	00	96	05	9	370	88	2	2	7	1	0	51	91
Peshawar	Cherat * ...	000	0	6	18	09	96	02	2	408	74	6	0	8	3	0	69	90
	Kakul * ...	000	0	6	20	05	97	03	1	400	78	4	3	5	6	0	66	80
	Landikotal * ...	000	0	4	18	05	97	02	2	393	75	4	6	/	0	3	72	89
	Parachinar * ...	056	6	4	10	32	97	29	9	411	70	3	6	6	3	0	67	79
D.I. Khan	Miranshah * ...	000	0	8	05	05	97	00	1	399	81	8	0	9	0	/	70	83
	Wana * ...	000	0	0	13	04	98	00	0	3/8	85	0	0	9	0	0	82	87
Quetta	Fort Sandeman * ...	000	0	0	31	02	95	05	4	361	96	0	0	9	0	0	49	97
	Hindubagh * ...	000	0	0	25	13	92	05	0	///	93	0	0	9	0	0	36	95
	Loralai * ...																	
	Barkhan * ...																	
	Harnai * ...	000	0	0	13	01	96	30	0	376	93	0	2	7	/	0	70	94
	Samungli (Quetta) * ...	100	0	0	31	05	96	06	0	396	90	0	0	9	0	0	60	93
	Chaman * ...	000	0	0	27	05	95	05	0	437	96	0	0	9	0	0	//	90
	Nushki * ...	000	0	0	31	03	93	06	0	435	96	0	0	9	0	0	40	97
	Dalbandin * ...	000	0	0	00	00	93	05	4	404	79	0	0	9	0	0	//	00
Kalat	Kalat * ...	000	0	1	31	00	90	00	2	358	87	0	0	9	0	0	52	90
	Khuzdar * ...	000	0	7	31	10	//	06	4	369	93	6	6	2	0	0	63	95
	Panjgur * ...	000	0	2	31	14	95	05	0	383	04	0	0	9	0	0	58	06

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

STATIONS	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total Cloud amount N (22)	Wind direction in tens of degree 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 (2)	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 TnTn (36)	Departure from Normal of Maximum temperature TxTx (37)	Departure from Normal of Minimum temperature TnTn (38)	Rainfall Since 1st June, 1971 to-date (39)	Departure from normal (40)	Since 1st January, 1971 to-date (41)	Annual Normal (42)
Rangamati	020	1	6	18	05	98	61	6	031	75	5	7	5	7	0	75	76						—
Cox's Bazar	091	3	8	18	10	96	50	5	024	83	5	5	4	5	0	79	75	— 2	0				140
Chittagong	031	5	7	16	10	96	02	6	021	83	3	5	4	3	0	78	//	— 1	—				108
Maijdee Court	110	6	6	13	05	97	01	2	004	83	4	2	5	3			76	—	— 1				115
Comilla																							94
Brahmanbaria																							78
Sylhet	002	2	8	13	02	96	02	6	017	83	5	5	4	2	/	74	78						—
Srimangal	014	9	6	03	00	96	03	6	002	84	3	5	3	5	2	75	76	—	0				98
Mymensingh	040	0	7	13	02	97	02	3	007	80	7	5	4	0	0	75	77	—	— 1				91
Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—				74
Dacca (Tejgaon)	129	5	8	13	02	96	61	6	008	79	4	4	4	2	/	79	74						—
Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—				71
Barisal																							81
Khulna	075	9	6	13	05	97	02	0	980	80	0	6	3	0	0	79	78						68
Satkhira	365	0	8	00	00	97	50	6	988	83	4	5	9	0	0	79	78						65
Jessore	066	1	7	31	02	97	51	6	995	79	6	9	3	2	0	75	75	0	— 4				65
Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						59
Sirajganj																							64
Rajshahi																							—
Bogra	000	0	7	09	02	96	02	2	000	83	3	5	5	7	0	79	78	0					69
Dinajpur																							72
Rangpur	000	0	4	09	04	96	01	2	008	85	4	0	9	2	0	83	80		+ 2				84
Jammu																							—
Lahore (Jail Rd)	000	0	1	09	02	97	03	0	973	87	0	0	9	0	7	79	80	— 4	+ 1	8.7	— 0.2	11.7	19
Sialkot	000	0	0	09	03	99	01	0	978	85	0	0	9	0	0	76	79	—	— 1	18.3	+ 4.0	25.1	32
Jhelum	000	0	6	13	02	98	03	1	978	85	1	1	7	7	0	78	76			12.7	—	17.4	—
Islamabad																							—
Rawalpindi	000	0	3	00	00	97	03	0	988	81	2	8	6	3	0	76	74	— 8	— 1	23.5	+ 9.8	23.8	36
Campbellpur																							—
Khushab	000	0	8	00	00	97	03	2	976	85	6	2	9	2	0	79		— 7	—	0.9	— 5.1	1.6	15
Sargodha	00/	/	6	05	05	97	27	9	983	77	3	9	6	3	0	75	77			6.0	—	10.1	—
Lyallpur	000	0	0	00	00	96	00	0	970	85	0	0	9	0	0	74	80	—	0	5.1	— 0.2	1.4	12
Sahiwal																							10
Multan	000	0	0	00	03	96	02	0	962	90	0	0	9	0	0	79	87	+ 2	+ 4	2.5	— 0.9	3.1	7
Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			1.1	— 2.6	1.5	6
Bahawalpur	000	0	0	00	00	96	03	0	974	89	0	0	9	0	0	70	65			0.0	— 3.4	2.1	6
Fort Abbas	///	/	0	31	04	98	00	0	931	88	0	0	9	0	0		78						8
Chakdara																							—
Peshawar	000	0	1	31	02	97	01	0	971	82	1	5	6	3	0	75	78	— 10	— 1	2.5	— 0.2	12.0	11
Haripur	000	0	8	07	03	97	03	2	992	81	8	5	6	0	0	73	72			23.5	—	31.4	—
Bannu	000	0	5	00	00	98	04	7	987	81	5	2	7	0	0	77	78			5.0	—	7.3	11
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 9	—	0.7	— 3.0	3.0	9
Sibi																							5
Nokkundi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	—	0.2	2
Turbat	000	0	0	18	02	98	00	0	015	86	0	0	9	0	0	69	81			0.0	—	0.0	—
Jiwani	000	0	1	11	05	96	06	0	973	79	1	6	5	0	0	73	77	+ 10		0.0	—	1.5	5
Pasni	000	0	0	18	02	97	02	9	944	76	0	0	9	0	0	68	//			0.0	— 0.8	0.0	6
Ormara	000	0	3	27	05	96	02	2	986	82	1	6	6	0	2	78	//			0.0	— 0.7	0.0	6
Lasbela	000	0	4	00	00	98	00	0	987	83	0	0	9	0	0	80	80						8
Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
Karachi (Airport)	030	0	7	27	10	96	02	1	969	82	6	6	4	3	0	78	81			1.3	—	1.5	—
Nagarparker																							—
Chhor	000	0	5	23	03	96	00	7	///	//	5	2	6	0	0	78	76			2.9	—	3.0	7
Hyderabad	000	0	7	23	05	97	03	1	980	84	0	0	9	0	/	76	81	0	+ 2	1.9	— 2.6	2.2	9
Badin																							—
Padidan																							—
Nawabshah	000	0	0	13	07	96	05	0	972	84	0	0	9	0	0	78	80			0.6	—	0.6	4
Sukkur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			1.8	—	2.2	—
Kashmore																							4
Jacobabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 6	—	2.3	+ 0.5	2.6	20
Veraval																							26
HILL STATIONS																							—
Srinagar																							71
Gulmarg																							26
Sonamarg																							3
Dras																							6
Leh																							—
Skardu																							—
Misgar																							5
Alisbad																							59
Gilgit																							18
Murree	000	0	5	07	02	97	02	1	416	75	5	5	3	0	0	58	55	— 4	— 6	33.7	+14.7	43.1	29
Drosh	004	0	2	18	07	//	05	4	477	80	2	8	7	0	0	55	//	— 5	—	1.6	—	10.1	—
Cherat	003	0	6	18	03	96	02	2	428	73	6	4	8	0	0	68	//	+ 3	—	8.0	+ 1.4	15.6	—
Kakul	000	0	6	27	02	97	03	2	416	74	4	3	5	3	0	67	69			22.8	—	38.3	29
Landikotal	003	0	3	36	02	98	03	0	429	79	1	6	/	0	3	69	70			9.4	—	19.4	13
Parachinar	056	0	2	13	02	97	01	1	422	72	2	6	6	0	0	63	65	— 6	0	9.1	—	16.6	11
Miranshah	000	0	4	05	09	97	00	1	397	80	4	0	9	0	1	71	70			0.9	—	1.8	13
Wana	000	0	0	00	00	98	00	0	381	77	0	0	9	0	0	73	76			0.9	—	1.6	—
Fort Sandeman	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—	2.0	— 1.7	3.2	9
Hindubagh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.3	—	2.3	—
Loralai																							14
Barkhan																							9
Harnai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	— 4.9	0.2	8
Samungli (Quetta)	000	0	0	00	00	92	06	0	424	76	0	0	9	0	0	51	71	0	+ 5	0.0	— 0.9	3.7	—
Chaman	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—	0.0	— 0.1	2.0	—
Nushki	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	—	1.5	4
Dalbandin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 8	—	0.0	— 0.3	0.5	7
Kalat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2	—	0.0	— 1.0	1.4	—
Khuzdar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			1.4	—	1.7	5
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4	—				—

† Given in Code.

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

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

° RRR at 0300 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.

When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 11th AUGUST. 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_1L_1L_2$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$ N dd FF	VV $_w$ $_w$ W	PPP TT	$N_hC_hhC_HC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCb_sh_s$	$O1_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4 5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface	1000$_{mb}$	850$_{mb}$	700$_{mb}$	500$_{mb}$	400$_{mb}$	300$_{mb}$	200$_{mb}$	150$_{mb}$	100$_{mb}$	70$_{mb}$	50$_{mb}$	30$_{mb}$
		PoPoPoToToToDoDo	hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	999 292 15	...	410 189 00	029 096 05	517 031 40	751 133 56	964 // /	..	...	...	...	...	...
Dacca ...	00 00	999 248 03	...	360 166 23	040 205 05	...	...	...	...	...		...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	995 290 28	...	400 240 //	065 108 //	580 015 //	756 09 / /	956 271 / /	245 481 / /	430 575 / /	...	...	...	...
Multan ...														
Peshawar ...	00 00	957 254 23	...	380 224 7.	061 116 56	580 045 //	753 12 / /	967 253 //	949 465 / /	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	976 290 35	MISDA	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTTa DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmPmPmdmdmfmfmfm	PtPtPtTtTtTat	dtdtftftft	$P_tP_tP_tT_tT_tT_t$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	545 000 13	108 783 // /	...	...	...	...	...	...	...	...	...	...
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

UPPER WIND DATA

Height in kms. a.s.l.→	At 1200 hrs. G.M.T. † of Previous day (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	4.6	5.4	6.0	At 0000 hrs. G.M.T. † of date (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (ddfff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION 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
Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	235 05	235 06	145 05	150 08	160 05	230 10	...	...	...	140 04	110 03	040 04	355 08	285 13	...	055 07	130 04	235 08	265 09	275 12	280 21	250 13	280 21	...	...
Chhor ...	210 15	205 11	195 11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	160 21	160 13	170 13	...	...	...	...	...	...	155 12	160 12	170 12	190 10	...	...	...	...	...	...	...	...	...	...	...	...	...
Char e ...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	175 15	100 15	...	...	...	...	...	...	...	...	...	...	...	...	...	145 17	150 18	...	...	...	...	...	...	...	...	...
Dacca ...	150 13	150 15	150 16	150 20	150 15	160 16	150 13	180 11	160 10	...	...	...	275 15	260 20	...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	085 07	120 10	140 08	140 08	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	015 08	045 09	015 16	110 06	155 12	150 16	270 04	315 06	...	...	...	...	215 07	200 08	210 15	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	210 13	230 10	180 18	040 06	030 04	285 03	...	...	...	320 03	200 07	300 27	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	/// / /	120 03	135 04	100 07	010 08	255 17	265 17	250 20	...	115 11	130 12	130 05	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	135 13	155 21	...	...	...	...	...	...	...	120 15	090 11	125 04	...	...	...	135 10	105 14	085 16	...	...	...	...	...	...	...	...
Karachi ...	245 10	265 04	230 01	005 08	010 12	...	...	...	...	260 17	280 16	300 16	310 15	020 14	030 15	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	255 05	255 06	250 08	240 05	220 02	055 07	030 07	025 08	020 09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	075 06	065 04	050 05	095 05	110 05	100 06	345 19	330 20	325 18	111 08	120 09	125 09	145 10	155 10	050 06	080 07	100 05	055 07	105 06	340 04	335 08	...	...	...	...	...
Multan ...	305 04	288 04	260 03	215 02	360 04	...	...	...	...	140 13	165 03	200 03	270 06	305 06	290 08	155 02	050 01	...	050 03	350 12	036 04	320 17	315 22	310 24	...	...
Nawab Shah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	150 9	130 02	335 04	345 04	030 07	075 06	080 10	...	...	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	235 09	245 11	265 19	...	025 02	035 05	355 04	295 11	305 19	295 29	320 25	370 19	...	...
Peshawar ...	...	055 07	070 06	175 11	...	...	...	...	...	...	320 07	330 02	300 02	260 03	300 07	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	055 01	240 10	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	315 08	...	...	...	...	...	...	...	...	330 03	330 02	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	045 04	055 05	055 07	025 08	295 06	355 04	330 22	300 24	275 15	120 09	105 10	085 10	355 06	295 09	330 09	040 02	090 04	100 06	015 04	305 08	325 08	330 07	315 10	275 16	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	3.6	4.5	5.4	6.0	7.2	9.0	10.5	12.0	13.5	14.1	15.0	16.2	18.5	20.5	23.5
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Chittagong ...																					
Dacca ...																					
Gilgit ...																					
Jiwani ...																					
Karachi ...																					
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (IIiii Cdd V. V. etc.)

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

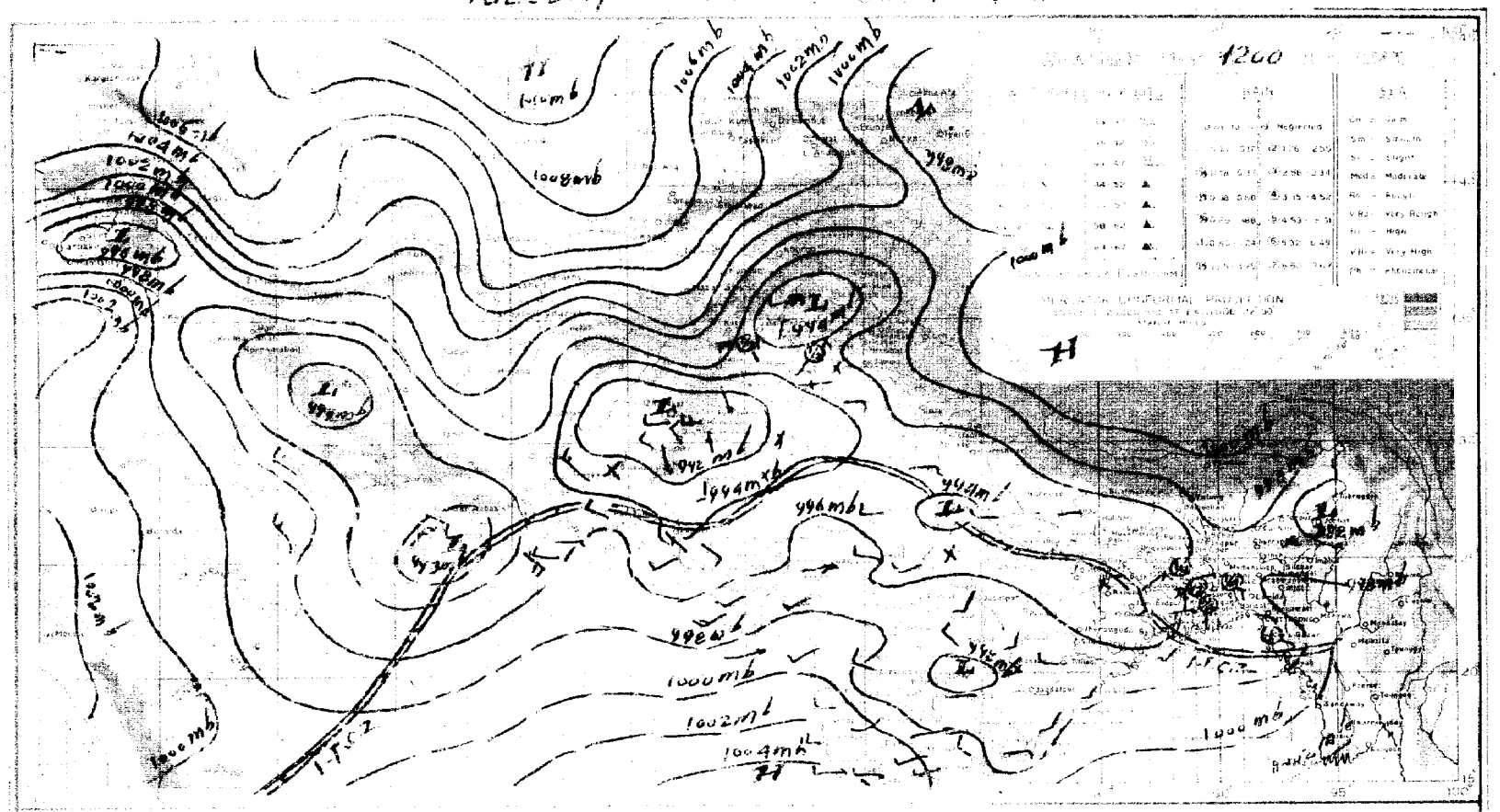
The actual time of observations may v ry within half an hour of the specified time.

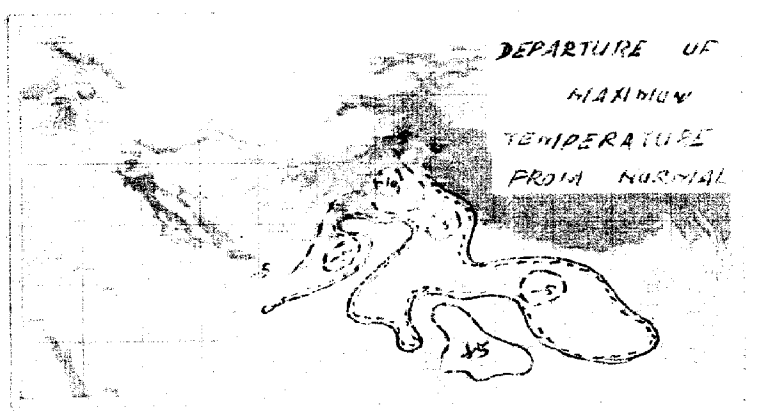
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "ff" in knots or in knots increased by 500.

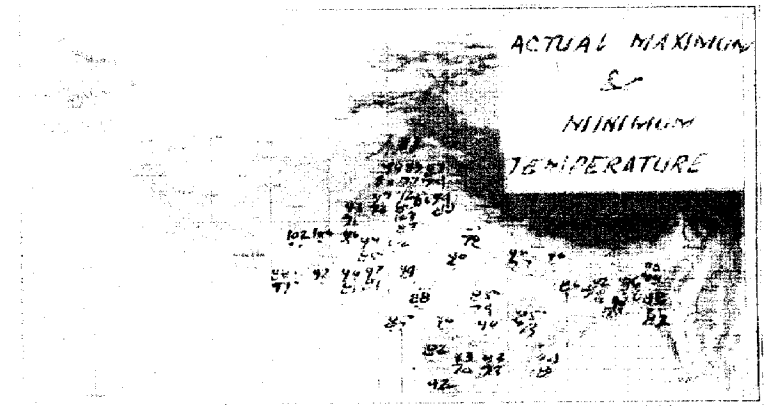
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32

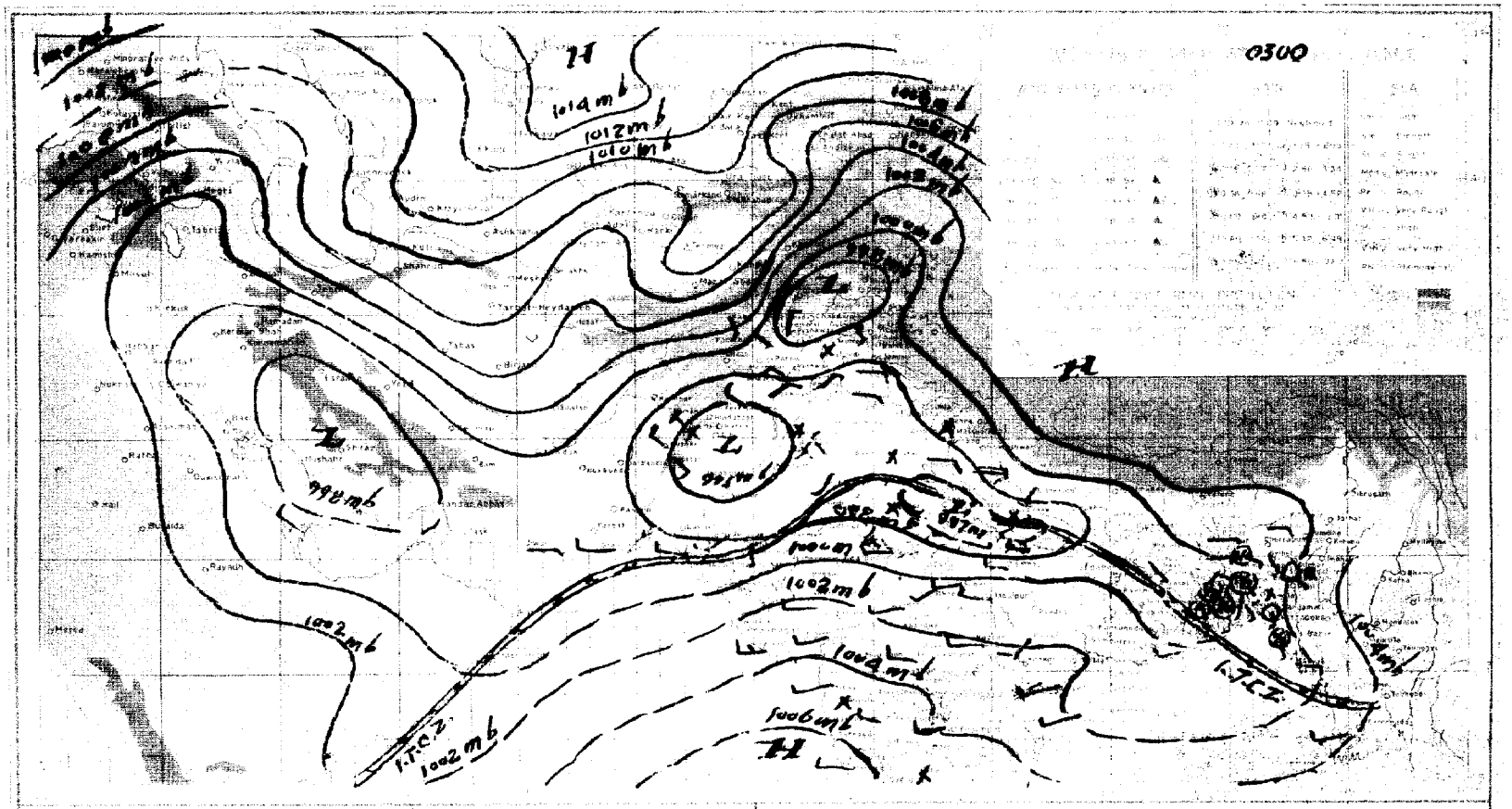
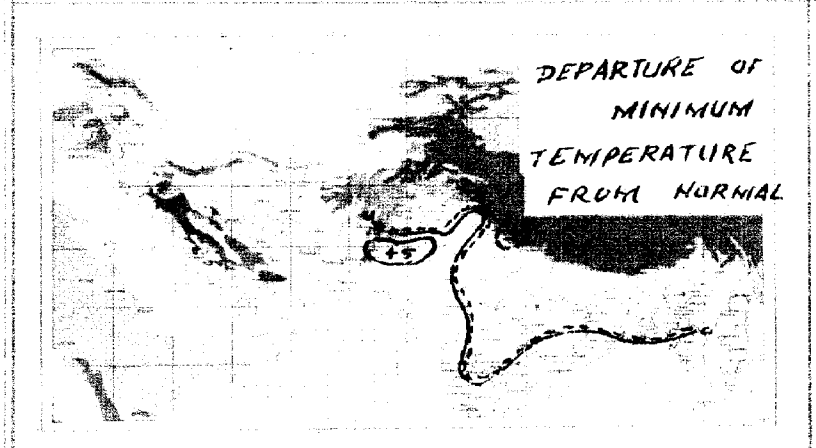
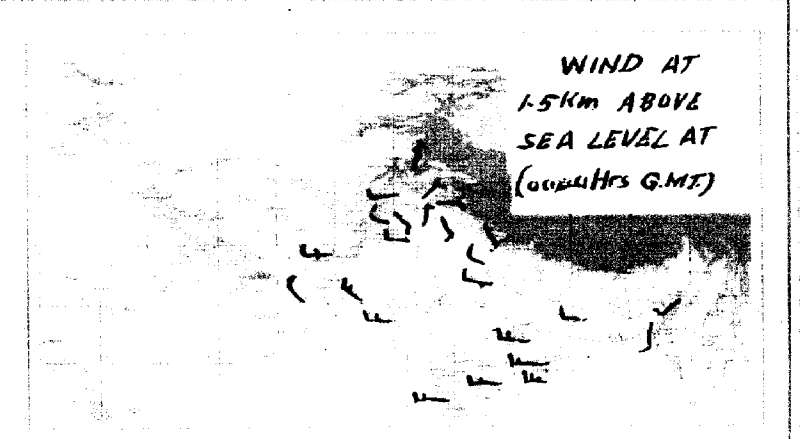
PAKISTAN DAILY WEATHER MAP

TUESDAY 10th AUGUST, 1971







PAKISTAN DAILY WEATHER MAP

WEDNESDAY 11th AUGUST, 1971