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PAKISTAN DAILY WEATHER REPORT

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Daily No. 25

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1971
Sept.
(Incomp)

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WEDNESDAY THE 1st SEPTEMBER, 1971.

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

Yesterday's land depression which was centred northeast of Bhopal has moved northeastwards and is centred at 01,0300 GMT about [illegible] miles northeast of Nowgong. It is likely to continue move northeastwards.

Fairly widespread rain/thundershowers have occured in Khulna division and scattered rain in Chittagong and Rajshahi divisions.

Yesterday's low pressure area over southwest Rajasthan now lies over Hyderabad and Khairpur divisions and adjoining Rajasthan.

Yesterday's secondary western disturbance over Russian Turkistan and north Afghanistan has moved away eastwards.

Rain/thundershowers have been widespread in Sargodha division, fairly widespread in Lahore division and local in Rawalpindi division. Local light rain/thunderstorms have also occured in Hyderabad division and scattered in Peshawar division.

Chief amounts of rainfall are Barisal 2", Jessore 1", Maijdee Court and Sargodha ¾" each, Chittagong, Rawalpindi and Khushab ½" each and Satkhira ¼".

Day temperatures were 3—5 °F (2—3 °C) below normal in Chittagong division and in West Pakistan outside Bahawalpur, Malakand, Kalat and Hyderabad divisions and were 4—8 °F (2—4 °C) above normal in Dacca, northern Kalat and Hyderabad divisions.

Forecast valid until the evening of the 2nd September, 1971 :—Rain/thundershowers will be fairly widespread over East Pakistan and scattered over Karachi, Hyderabad Khairpur, Bahawalpur and Multan divisions. A few thunderstorms/showers are also likely over Lahore, Peshawar, Sargodha and Rawalpindi divisions.

Karachi-32
The 1st September, 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)	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 °C (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 °C (TdTd)	Minimum temperature (TnTn)	Departure from Normal of: Maximum temperature (TxTx)	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	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	011	0	5	18	02	98	03	1	...	...	3	3	6	2	2	77	79	—	—	—	—	—	—
	Cox's Bazar	...	000	0	8	00	00	96	02	2	065	82	5	4	4	4	0	77	85	000	0	5	00	00	96	02	2	064	82	5	2	2	0	0	77	78	—	+ 3	—	—	—	—
	Chittagong	...	000	0	4	20	07	96	02	2	044	84	2	5	4	3	0	79	87	048	9	5	09	02	96	01	6	087	81	1	1	5	3	0	77	75	+ 1	— 1	120.2	+55.0	—	140
	Maijdee Court	...	030	9	6	00	00	97	01	6	036	81	2	1	5	3	0	77	84	080	9	8	18	05	96	03	2	016	12	5	2	5	2	0	77	77	— 1	0				109
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	00	00	96	02	0	061	82	4	4	5	0	0	79	77	—	0				115
	Brahmanbaria	...																																								94
	Sylhet	...	000	0	0	00	00	96	00	0	070	73	9	5	0	2	0	73	90	000	0	7	09	06	97	02	2	082	64	5	4	5	3	0	65	77	—	—				78
	Srimangal	...																																								—
Dacca	Mymensingh	...	000	0	6	13	02	97	02	0	058	86	6	5	4	0	0	81	91	000	0	4	13	02	97	01	2	094	84	4	5	5	0	0	79	79	+ 4	+ 1				98
	Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	8	13	02	97	03	2	079	82	8	6	3	1		79	79	—	0				91
	Dacca (Tejgaon)	...	000	0	7	10	05	97	02	2	052	81	5	5	4	0	0	73	86	000	0	7	13	05	97	02	2	080	81	5	5	4	4	0	27	76	—	—	51.1	—	—	74
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	058	0	6	16	02	97	02	2	073	84	4	4	5	1	1	79	75	—	— 4				71
Khulna	Barisal	...	211	0	8	22	03	96	29	9	058	77	4	3	4	7	0	77	88	211	0	7	16	05	97	02	2	080	82	4	4	4	3	0	81	75	+ 1	— 3				81
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	13	05	97	02	0	055	82	0	2	4	0	0	81	77	—	—				68
	Satkhira	...	030	0	8	18	03	97	05	6	050	77	8	7	9	0	0	77	77	020	0	3	00	00	97	03	5	076	80	4	7	9	0	0	76	75	—	—				65
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	2	7	00	00	96	95	9	007	77	9	6	9	3	2	77	75	—	— 4				65
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	7	13	02	97	03	1	...	79	2	5	5	7	0	79	...	—					59
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	8	00	00	98	02	2	078	81	8	0	8	2	0	75	79	—	0				64
	Rajshahi	...	003	0	8	13	02	96	01	6	046	73	2	2	3	1	0	79	81	000	0	8	00	00	96	02	0	066	79	6	4	3	1	1	75	77	—	—				—
	Bogra	...	012	3	8	00	00	95	60	2	051	81	5	5	4	7	0	63	82	012	9	8	13	03	96	03	6	078	81	7	5	4	3	0	77	76	— 7	— 2				69
	Dinajpur	...	000	9	6	09	02	96	02	2	044	82	2	6	9	1	0	76	84	000	9	6	09	02	96	02	2	073	82	6	0	9	4	1	77	79	— 5	+ 1				72
	Rangpur	...	016	6	5	09	02	96	01	6	027	82	2	2	6	2	0	79	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1	—				84
Kashmir	Jammu	...																																								—
Lahore	Lahore (Jail Rd.)	...	000	0	3	13	02	97	02	1	009	89	3	1	6	0	0	71	//	000	0	5	23	02	97	01	1	050	81	2	1	7	3	1	74	77	— //	0	10.5	— 1.9	13.5	19
	Sialkot	...	000	0	4	00	00	98	01	1	014	89	4	4	6	0	0	74	69	085	4	3	00	00	98	29	9	055	75	1	1	7	7	0	74	72	— 5	— 5	23.2	+ 2.9	33.0	32
Rawalpindi	Jhelum	...	000	0	1	13	02	98	01	1	004	86	0	0	9	1	0	73	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		—	—	—	—
	Islamabad	...																																								19.8
	Rawalpindi	...	000	0	3	13	10	97	02	1	006	86	3	5	6	0	0	73	90	063	6	5	00	00	97	01	9	057	//	3	6	6	3	0	68	67	— 3	— 6	29.7	+10.0	38.1	—
	Campbellpur	...	000	0	0	36	02	98	00	0	//	93	0	0	9	0	0	93	97	000	0	2	13	09	97	00	0	//	75	0	0	9	0	0	75	70	—	—	—	—	—	36
Sargodha	Khushab	...	000	0	0	00	00	97	00	0	000	86	0	0	9	0	0	83	96	065	0	8	05	03	97	03	2	056	76	6	2	9	2	0	73	...	— 3	— 6	1.7	— 8.2	1.7	—
	Sargodha	...	000	0	1	07	05	97	02	0	999	91	1	1	6	3	1	71	94	085	7	6	05	07	97	02	9	053	74	2	8	6	3	1	73	71	—	—	9.2	—	13.2	15
	Lyallpur	...	000	0	4	36	02	97	02	1	995	87	4	0	9	4	0	58	//	000	0	1	09	02	98	02	0	...	77	1	6	2	0	0	68	71	//	— 7	5.4	— 2.3	10.7	12
	Sahiwal	...																																								10
Multan	Multan	...	000	0	3	27	03	96	03	0	992	81	3	4	6	0	0	75	97	000	0	4	18	02	97	02	1	036	83	3	5	6	0	1	73	80	— 3	— 1	4.6	+ 0.2	5.2	7
	Leiah	...	000	0	0	36	06	95	00	0	997	58	0	0	9	0	0	58	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—
Bahawalpur	Khanpur	...	000	0	6	13	21	98	03	2	957	99	3	3	6	3	0	59	02	000	0	0	13	03	96	02	0	039	86	0	0	9	0	0	71	78	—	—	1.1	— 3.6	1.5	8
	Bahawalpur	...	000	0	0	00	00	96	00	0	037	89	7	1	9	5	0	//	98	000	0	0	00	00	96	00	0	043	86	0	0	9	0	0	72	94	—	—	0.0	— 4.0	2.1	6
	Fort Abbas	...																																								9
Malakand	Chakdara	...	000	0	1	27	05	97	03	0	979	//	/	/	7	0	0	68	91	000	0	4	05	03	97	01	1	022	76	4	0	9	6	0	69	72	—	—	11.6	—	4.5	—
Peshawar	Peshawar	...	000	0	1	36	05	97	02	0	981	97	1	2	6	0	0	67	//	000	0	1	09	02	97	01	1	034	79	1	5	6	3	0	70	75	//	— 1	4.1	+ 0.5	13.6	11
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	010	6	0	36	03	98	00	6	149	75	0	0	9	0	0	67	//	—	—	24.5	—	32.4	—
D.I. Khan	Bannu	...	000	0	5	11	01	98	00	0	009	//	3	2	7	0	0	68	94	000	0	8	00	00	98	02	9	...	80	2	2	7	7	0	74	77	—	—	4.9	—	7.3	11
	D.I. Khan	...	000	0	0	00	00	97	02	0	007	97	0	0	9	0	0	70	97	000	3	3	31	03	96	06	4	035	81	3	0	9	1	0	71	79	— 3	0	1.8	— 3.1	4.0	9
Quetta	Sibi	...																																								5
	Nokkundi	...	000	0	0	00	00	97	02	0	924	05	0	0	9	0	0	53	06	000	0	0	23	05	97	02	0	009	83	0	0	9	0	0	48	//	—	—	0.0	—	0.2	—
Kalat	Turbat	...																																								2
	Jiwani	...	000	4	4	18	14	96	03	...	005	83	4	6	5	0	0	79	87	008	0	0	16	02	96	00	0	064	84	0	0	9	0	0	76	//	—	—	0.0	—	0.0	—
	Pasni	...	000	0	0	27	02	97	00	0	142	//	1	0	9	0	0	77	//	000	0	4	00	00	96	92	1	040	80	2	6	5	3	0	76	78	—	—	0.0	—	1.5	5
	Ormara	...	000	0	1	27	12	96	03	3	943	//	1	0	9	0	0	77	//	000	0	0	18	02	97	02	0	134	...	0	0	9	0	0	68	//	—	—	0.0	— 0.9	0.0	6
	Lasbela	...	000	0	3	23	02	96	00	0	986	04	0	0	9	0	0	71	90	000	0	4	25	02	96	02	2	026	82	4	0	7	3	0	75	...	—	—	0.0	—	0.0	6
Karachi division	Karachi (Manora)	...																		000	0	0	00	00	98	02	0	026	81	0	0	9	0	0	74	80	—	—	0.0	—	0.0	8
	Karachi (Airport)	...	000	0	2	27	05	96	01	1	995	88	1	1	6	0	1	74	91	000	0	7	31	05	96	03	0	031	82	0	0	9	3	0	76	80	—	—	2.5	— 3.1	2.7	8
Hyderabad	Nagarparker	...																																								—
	Chhor	...	000	0	0	05	05	97	00	0	972	01	0	0	9	0	0	68	03	000	0	0	33	02	96	03	0	014	85	1	9	2	2	1	76	80	—	—	3.0	—	3.0	7
	Hyderabad	...																		015	4	8	23	05	//	02	6	000	81	8	0	9	7	0	75	//	—	— 3	1.9	— 3.6	7.4	9
	Badin	...	000	0	5	36	02	96	02	1	982	91	2	2	6	6	2	80	98	000	8	6	25	03	96	03	9	028	83	0	0	9	0	1	77	//	—	—	1.7	— 4.7	1.6	—
Khairpur	Padidan	...	000	0	5	31	03	96	03	1	985	00	0	0	9	0	0	69	01	000	0	0	31	02	96	02	0	024	85	0	0	9	0	0	75	81	—	—	0.2	—	0.2	—
	Nawabshah	...	000	0	6	05	02	96	03	2	988	99	0	0	9	0	0	80	00	000	0	6	31	05	96	03	0	027	87	6	0	9	3	0	73	80	—	—	0.6	—	0.6	4
	Sukkur	...	000	0	0	31	05	96	03	0	984	01	0	0	9	0	0	76	02	000	0	0	13	05	95	05	0	017	88	0	0	9	0	0	77	82	—	—	1.8	—	2.2	—
	Kashmore	...																																								4
	Jacobabad	...	000	0	1	18	03	96	05	1	986	98	1	0	9	3	0	72	99	000	0	0	05	03	96	05	1	021	88	0	0	9	0	0	75	80	— 5	0	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
Rawalpindi	Murree	*** ...	000	0	8	13	02	95	03	0	441	//	8	5	2	/	/	61	73	006	9	0	05	02	98	00	9	462	64	0	0	9	0	0	52	54	0	6	38.0	+ 7.6	46.4	29
Malakand	Drosh	*** ...																																								—
Peshawar	Cherat	*** ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	10.2
	Kakul	*** ...	000	0	5	29	02	97	17	...	447	79	5	3	5	0	0	69	82	000	0	6	18	05	93	02	2	462	70	6	4	8	0	0	69	68	—	0	10.5	+ 0.6	18.0	—
	Landikotal	*** ...	000	0	1	09	02	98	02	0	432	82	1	0	9	3	0	65	92	005	0	2	16	03	99	01	1	068	71	1	2	6	2	0	58	62	—	—	38.8	—	43.8	29
	Parachinar	*** ...	000	0	4	13	05	98	02	0	443	79	3	4	6	0	0	56	81	001	1	5	00	00	98	41	9	084	76	5	0	9	7	0	79	73	—	—	10.5	—	20.5	13
	Miranshah	*** ...																		000	0	1	00	00	98	01	0	087	//	1	1	7	0	0	54	64	— 4	+ 2	10.5	—	16.1	11
D.I. Khan	Wana	*** ...	000	0	6	13	04	97	03	0	409	79	6	5	8	0	0	69	86	000	0	4	05	05	96	09	0	457	78	0	0	9	0	0	71	72	—	—	3.9	+ 0.2	4.8	13
Quetta	Fort Sandeman	*** ...	000	0	3	36	02	97	03	0	409	90	3	4	7	0	0	49	91	000	0	1	00	00	97	03	0	453	76	1	1	7	0	0	62	71	— 3	+ 1	1.9	— 2.8	3.2	9
	Hindubagh	*** ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	11	02	98	02	0	///	72	0	0	9	0	0	52	59	—	—	0.4	—	2.7	—
	Loralai	*** ...																																								14
	Barkhan	*** ...																																								2.0
	Harnai	*** ...	000	0	0	34	02	98	02	0	///	90	0	0	9	0	0	56	94	000	0	0	05	03	96	02	0	///	79	0	0	9	0	0	72	73	—	—	0.0	— 6.6	0.2	9
	Samungli (Quetta)	*** ...	000	0	5	31	02	97	03	2	407	92	5	4	6	1	0	28	93	000	0	0	13	05	96	02	0	///	70	0	0	9	0	0	53	63	+ 2	+ 4	0.0	— 0.9	3.7	8
	Chaman	*** ...	000	0	0	27	03	96	00	0	545	96	0	0	9	0	0	70	97	000	0	0	00	00	//	00	0	434	73	0	0	9	0	0	15	//	— 2	—	0.0	— 0.1	2.0	—
	Nushki	*** ...	000	0	4	00	00	95	05	4	458	00	0	0	9	0	0	45	02	000	0	0	18	07	97	02	0	485	85	0	0	9	0	0	33	82	—	—	0.0	—	1.5	4
	Dalbandin	*** ...	000	0	0	23	02	95	05	0	470	03	0	0	9	0	0	69	05	000	0	0	00	00	94	05	0	445	78	0	0	9	0	0	45	73	0	+ 8	0.0	— 0.3	0.5	7
Kalat	Kalat	*** ...	000	0	0	27	03	96	00	0	455	95	0	0	9	0	0	70	97	000	0	0	18	02	91	00	2	402	69	0	0	9	0	0	65	//	+ 8	—	0.0	— 1.1	1.4	—
	Khuzdar	*** ...	000	0	7	13	05	99	03	1	496	90	4	8	6	4	0	58	91	000	0	0	00	00	97	02	0	427	76	0	0	9	0	0	64	72	—	—	1.4	—	2.0	5
	Panjgur	*** ...	000	0	4	23	03	96	03	0	418	98	4	4	6	0	0	83	//	000	0	0	18	02	97	02	0	455	77	0	0	9	0	0	21	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.

National Oceanic and Atmospheric Administration

Climate Database Modernization Program

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March 28, 2002

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 1st SEPTEMBER, 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

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	004 256 17	...	440 128 06	102 062 43	580 077 17	751 167 33	961 313 95	243 541 //	...	...	...	...	...
Dacca ...	00 00	006 250 02	...	450 145 30	071 072 40	577 063 40	739 171 59	949 287 //	228 487 //	421 609 //	658 715 //	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...														
Multan ...														
Peshawar ...	00 00	963 256 24	...	410 232 65	124 156 60	591 008 //	766 061 //	985 123 //	279 305 37	477 433 //	751 377 //	...	...	...
Quetta ...														
Sargodha ...														

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 ...													
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 ...	140 10	140 14	140 14	160 14	155 15	155 15	...	...	...
Chaklala ...	...	150 06	165 06	270 03	300 03	310 10	330 07	315 19	290 15
Chhor ...	080 10	085 07	080 16	080 06	...	...	...	...	...
Chittagong ...	205 10	215 14	220 11	230 09	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	230 05	235 10	// //	290 11	...	...	...	...	...
Dacca ...	195 09	190 12	175 13	170 13	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	220 05	220 13	100 13	330 09	220 13	300 14
Fort Sandeman ...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	180 11	205 08	205 08	160 15	170 17	135 05	010 18	030 24	035 20
Jessore ...	225 16	240 16	240 14	225 14	...	...	...	...	...
Jhelum ...	115 06	150 06	190 06	250 02	260 11	210 10	270 13	...	...
Jiwani ...	175 15	175 17	...	...	...	...	...	...	...
Karachi ...	260 12	355 08	065 12	075 17	090 12	045 13	...	...	...
Khanpur ...	040 10	040 12	040 10	030 12	030 10	350 08	315 09	340 13	010 17
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	130 06	140 06	165 03	220 05	295 07	...	...	...	...
Multan ...	165 13	165 17	165 16	260 02	265 03	290 04	305 06	...	...
Nawab Shah ...	040 05	060 04	070 03	105 11	155 06	035 07	...	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...
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 ...	No	Ascent	...	...	...	...
Chhor ...	300 06	320 04	190 04	070 03	215 07	185 16
Chittagong ...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...	070 10	255 05	335 06	240 04	...	...
Dacca ...	...	...	...	...	...	...
Dalbandin ...	...	...	305 01	29[illegible] 10	185 08	240 23
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	215 01	205 01	155 01
Fort Sandeman ...	...	...	...	200 02	220 05	245 11
Gilgit ...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...
Jacobabad ...	150 06	140 06	140 06	295 09	255 11	320 11
Jessore ...	...	...	...	...	...	...
Jhelum ...	090 25	105 13	160 05	295 03	340 10	...
Jiwani ...	...	...	...	...	...	...
Karachi ...	310 13	310 10	357 07	105 05	060 05	070 12
Khanpur ...	065 06	065 06	075 07	100 05	055 02	060 12
Khuzdar ...	...	...	...	270 03	290 05	330 10
Lahore ...	165 06	195 09	200 08	290 01	025 02	005 07
Multan ...	170 24	175 22	173 12	200 03	280 05	...
Nawab Shah ...	035 10	040 12	360 13	345 10	015 07	045 14
Nokkundi ...	...	...	100 12	350 03	005 01	070 06
Panjgur ...	...	...	...	080 10	230 07	...
Peshawar ...	...	050 07	065 10	165 16	060 05	355 30
Parachinar ...	...	...	...	260 02	150 03	...
Quetta ...	...	...	...	...	320 06	305 07
Sargodha ...	170 10	155 11	115 04	335 06	250 13	350 14
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 ...	190 14	190 11	265 11	230 11	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	240 06	240 06	260 06	270 07	270 04	210 06	180 23	...	...	...	...
Dacca ...	160 10	175 10	170 09	180 09	170 12	170 12	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	170 09	180 12	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	190 04	265 01	...	...	...	...	...	...	...	...	...
Karachi ...	210 08	335 09	330 09	330 06	040 05	320 03	230 04	265 11	270 15	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	205 03	220 02	295 04	295 04	020 03	050 06	...	...	...	...	...
Multan ...	125 10	150 11	155 07	105 03	010 04	010 04	...	...	...	...	...
Nawab Shah ...	320 04	050 02	035 02	005 02	005 03	003 02	030 16	030 13	015 06	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	030 02	050 04	015 03	300 07	305 11	295 10	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	225 01	320 02	355 04	005 04	015 08	005 08	225 04	315 08	330 09	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	140 04	165 04	165 03	...	...	...	...	...	...	...	...
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.

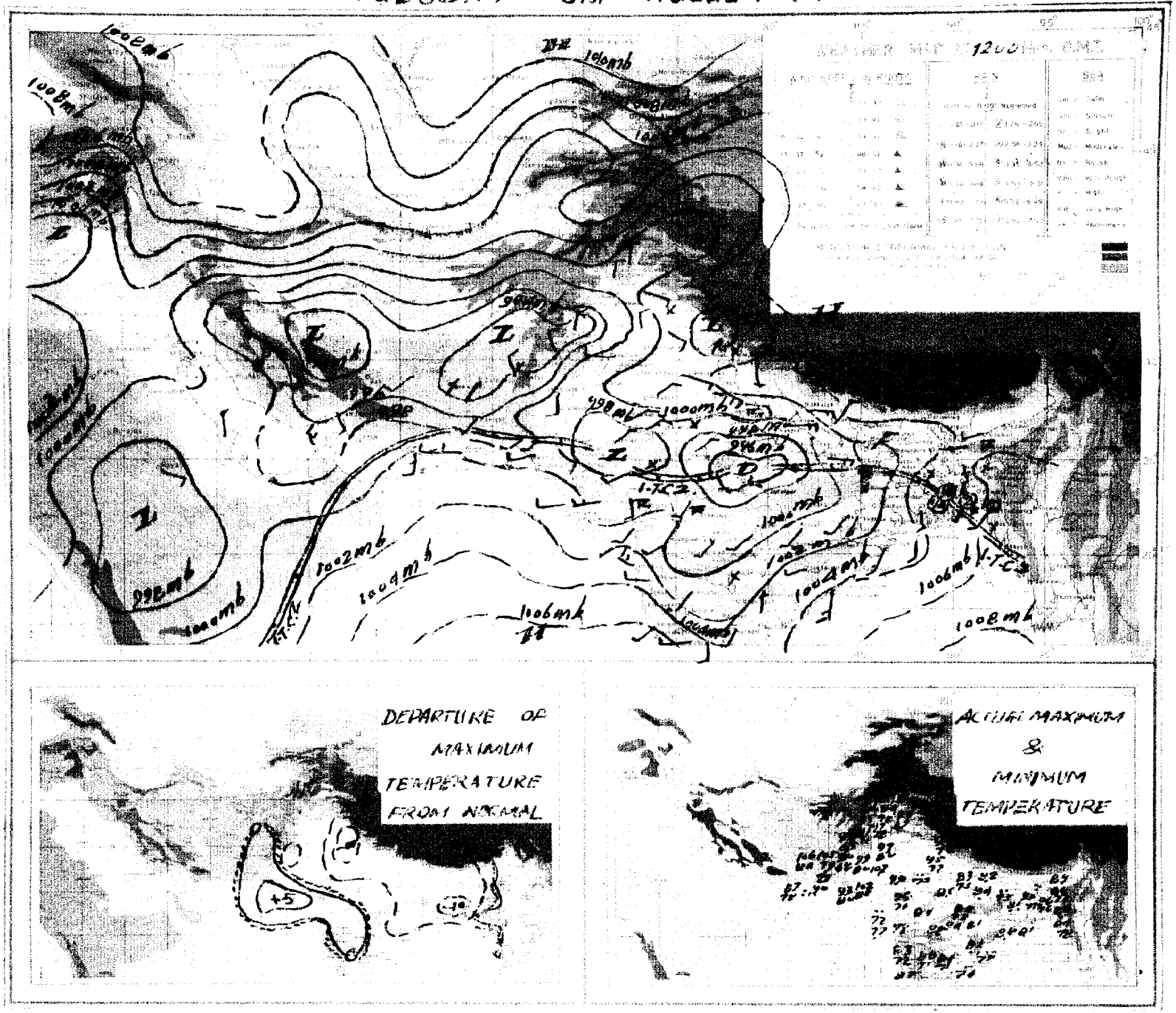
The actual time of observations may vary within half an hour of the specified time.

• 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

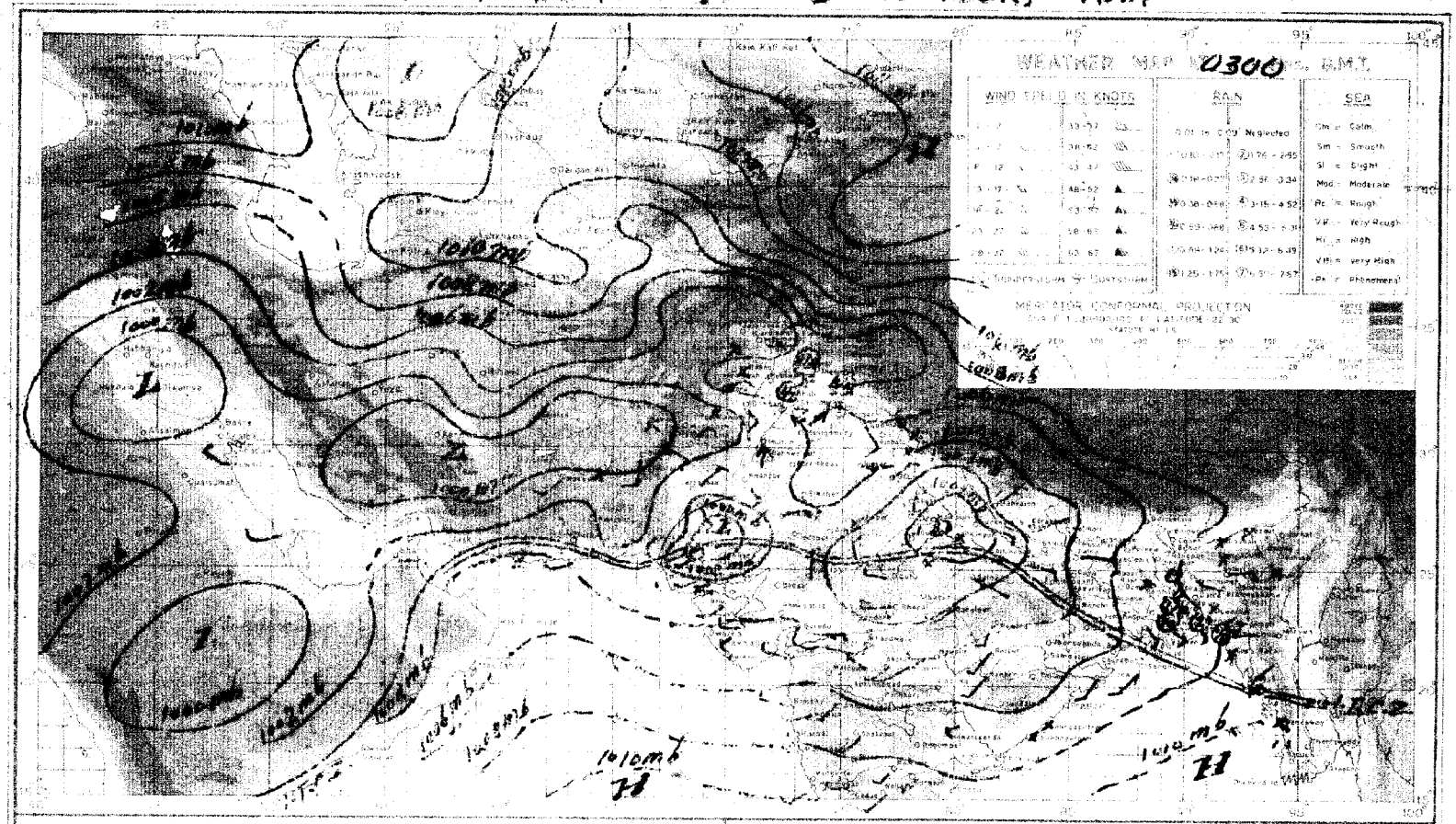
TUESDAY 31st AUGUST, 1971

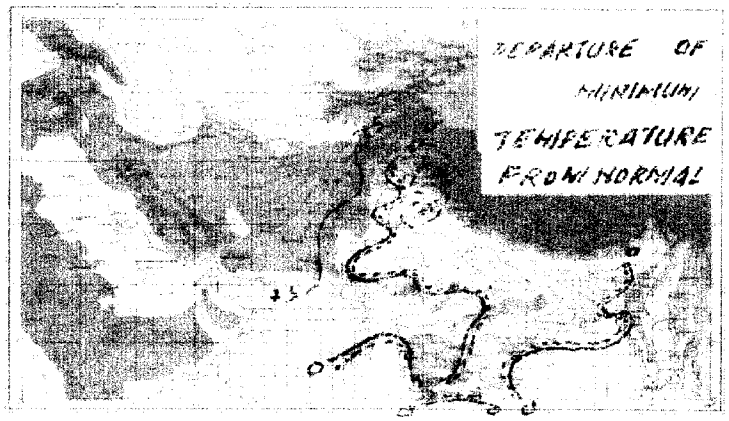


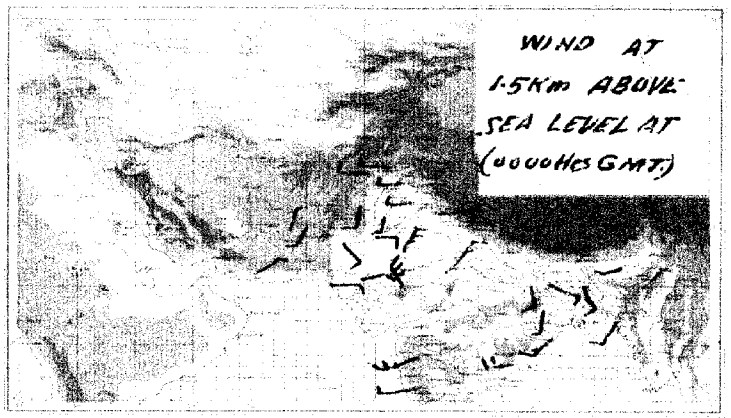
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 1st SEPTEMBER, 1971.

Weather Office







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

2-FEB 9
Copy

THURSDAY THE 2nd SEPTEMBER, 1971.

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

Yesterday's depression moved slightly northnortheastwards weakened and lay as low last evening over northeast Uttar Pradesh and adjacent [illegible] now shifted northnorthwestwards and lies over northwest Uttar Pradesh and neighbourhood.

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

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

Yesterday's low over Hyderabad and Khairpur divisions and adjoining Rajasthan weakened into a trough over there last evening which persists.

A few thunderstorms have been reported from Rawalpindi and Sargodha divisions.

Chief amounts of rainfall are Rangamati and Maijdee Court 1' each and Hatiya and Bogra ½' each.

Day temperatures were generally 3—7 °F (2—4 °C) above normal in southern Quetta, northern Kalat, Karachi and Hyderabad divisions and were to the same extent below normal in Chittagong, Lahore, Rawalpindi, Sargodha, Multan, Peshawar, D. I. Khan and Khairpur divisions and at a few places in southern Kalat and northern Quetta divisions.

Forecast valid until the evening of the 3rd September, 1971 :—Rain/thundershowers will be local in East Pakistan and scattered in Lahore, Rawalpindi, Sargodha and Peshawar divisions and in Kashmir.

Karachi-32
The 2nd September, 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 compressed at † (Wc)	Total cloud amount (N)	Wind direction in cents 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 compressed 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 (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 (TaTa)	Departure from Normal of: Maximum temperature (TxTx)	Minimum temperature (TaTn)	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	5	22	05	96	02	2	059	83	2	2	4	3	0	74	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1					140
	Cox's Bazar	000	0	6	23	02	96	03	2	063	77	2	4	4	3	0	76	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 7					108
	Chittagong	000	9	7	00	02	97	61	2	036	83	4	2	5	2	0	78	83	008	9	5	18	02	98	03	6	094	61	3	4	6	7	2	75	75	— 3	— 2				115
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				94
	Comilla	000	0	0	00	00	96	02	0	056	85	0	0	9	0	0	78	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				78
	Brahmanbaria	000	0	6	00	00	96	01	2	///	//	4	4	6	0	0	96	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
	Sylhet	011	9	6	00	00	96	02	9	052	82	1	5	3	3	3	81	90	011	9	5	00	00	96	03	9	091	82	1	4	4	3	0	79	75	0	0				98
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	7	13	02	57	01	1	092	84	7	5	6	0	0	81	79		+ 1				91
Dacca	Mymensingh	000	0	5	18	02	97	02	2	047	85	2	3	5	4	3	77	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				74
	Narayanganj	000	0	4	20	02	96	01	2	052	88	3	3	5	1	0	78	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					71
	Dacca (Tejgaon)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
	Faridpur	000	0	5	18	02	97	02	2	047	85	2	3	5	4	3	77	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				81
Khulna	Barisal	000	0	2	00	00	97	02	0	028	84	2	6	9	0	0	///	87	000	0	0	00	00	97	02	0	079	81	4	2	5	2	3	79	75	—	—				68
	Khulna	000	0	2	00	00	97	02	0	028	84	2	6	9	0	0	///	87	000	0	2	00	00	96	02	0	083	82	0	0	9	3	0	77	///	—	—				65
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					65
	Jessore	083	8	7	23	03	96	02	9	042	83	4	9	4	7	0	78	87																							
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	00	00	98	02	2	080	86	6	9	4	4	0	77	81	—	—				59
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				64
	Rajshahi	000	0	9	13	02	96	02	2	042	82	3	2	5	3	0	75	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 6					—
	Bogra	002	2	7	13	03	97	03	6	041	85	6	5	4	3	0	78	88	002	0	4	13	02	92	02	1	079	84	2	4	5	3	0	73	77	— 1	— 1				69
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	3	5	09	02	96	01	1	069	84	5	0	9	4	1	79	///	—	—				72
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
Lahore	Lahore (Jail Rd.)	007	4	3	00	00	97	01	6	005	88	1	1	6	3	0	73	90	000	0	0	27	02	97	01	0	028	83	0	0	9	0	0	75	78	— 7	+ 1	10.5	— 2.0	13.5	19
	Sialkot	080	0	1	27	03	59	01	0	010	89	1	1	7	0	0	74	69	000	0	0	00	00	98	02	0	034	79	0	0	9	0	0	72	74	— 5	— 3	23.2	+ 2.6	33.0	32
Rawalpindi	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	36	02	98	01	0	023	83	0	0	9	0	0	73	75	—	—	3.4	—	19.6	—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				—
	Rawalpindi	057	0	1	18	02	97	02	0	002	86	1	1	6	0	0	58	69	000	0	2	00	00	97	03	0	025	79	1	1	6	3	0	72	72	— 16	— 1	29.7	+ 9.7	36.1	36
	Campbellpur	000	0	0	05	00	97	00	0	///	95	0	0	9	0	0	59	98	000	0	0	09	01	97	00	0	///	77	0	0	9	0	0	77	74	—	—	—	—	—	—
Sargodha	Khushab	000	0	0	00	00	97	00	0	000	92	0	0	9	0	0	79	93	000	0	0	00	00	97	06	0	031	86	0	0	9	0	0	81	///	— 6	—	1.2	— 7.8	1.7	15
	Sargodha	085	0	1	13	03	97	01	1	011	89	2	8	6	0	0	75	92	000	0	0	09	03	97	01	0	026	82	0	0	9	0	0	76	77	—	—	9.2	—	13.2	—
	Lyallpur	006	9	4	29	02	97	02	5	007	85	4	0	9	4	0	57	92	000	0	0	00	00	97	00	0	025	84	0	0	9	0	0	74	73	— 5	— 5	5.4	— 2.5	10.7	12
Multan	S. Miwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				10
	Multan	000	0	1	13	02	97	01	1	006	93	1	0	9	3	0	72	95	000	0	5	00	00	97	01	2	021	84	2	5	6	3	0	74	81	— 6	0	4.6	+ 0.2	5.2	7
	Lieiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	36	02	93	00	0	021	90	6	0	9	0	0	63	72	—	—	—	—	—	—
Bahawalpur	Khanpur	000	0	1	05	03	96	01	0	993	99	1	1	6	0	0	68	02	000	0	1	09	03	96	03	0	017	89	1	0	9	3	0	70	79	—	—	1.1	— 3.6	1.5	8
	Bahawalpur	000	0	0	00	00	96	00	0	004	//	0	0	9	0	0	69	96	000	0	0	00	00	96	00	0	027	87	0	0	9	0	0	73	82	—	—	0.0	— 4.1	2.2	6
	Fort Abbas	///	/	0	05	02	99	00	0	950	94	0	0	9	0	0	63	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	6
Malakand	Chakdara	000	0	1	27	05	97	03	0	997	90	/	/	7	0	0	71	91	000	0	6	00	00	97	01	2	006	76	6	0	9	3	0	72	74	—	—	1.6	—	10.2	—
Peshawar	Peshawar	000	0	1	36	03	97	02	0	981	91	1	1	6	0	0	73	93	000	0	1	36	03	97	02	1	019	80	1	1	6	0	0	73	77	— 4	+ 1	4.1	+ 0.5	13.6	11
	Haripur	000	0	0	31	02	98	03	0	920	88	0	0	9	0	0	69	91	000	0	0	05	03	98	00	0	054	78	0	0	9	0	0	63	///	—	—	24.5	—	32.4	—
D. I. Khan	Bannu	000	0	3	13	01	96	03	0	004	93	0	0	9	0	7	71	94	000	0	3	00	00	99	03	1	040	81	0	0	9	7	0	73	79	—	—	0.9	—	1.6	11
	D. I. Khan	000	0	1	16	02	97	02	0	002	95	/	/	7	0	0	73	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 6		—	—	4.0	—
Quetta	Sibi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						9
	Nokkundi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	03	97	02	0	006	90	0	0	9	0	0	18	61	—	—	0.0	—	0.2	5
Kalat	Turbat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	23	02	98	00	0	061	80	0	0	9	0	0	74	88	—	—	0.0	—	0.0	2
	Jiwani	000	0	1	27	04	96	01	2	027	85	4	4	5	0	0	74	87	000	0	6	22	03	96	02	2	015	80	6	6	5	0	0	75	79	—	—	0.0	—	1.5	5
	Pasni	000	0	0	27	04	97	00	0	///	76	0	0	9	0	0	67	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	0.0	6
	Ormara	000	0	1	27	17	96	03	3	011	85	1	6	6	0	0	79	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	—	0.0	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	00	00	98	02	0	048	80	0	0	9	0	0	74	78	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora)	000	0	1	23	19	96	05	0	013	87	0	0	9	0	1	77	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
	Karachi (Airport)	000	0	1	27	10	96	02	0	012	88	0	0	9	3	0	78	93	000	0	6	27	05	96	02	0	050	82	4	6	5	0	0	81	80	—	—	2.5	— 3.1	2.7	8
Hyderabad	Nagarparker	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Chhor	000	0	5	00	00	96	29	9	///	//	3	5	6	3	0	74	02	000	0	0	23	12	96	02	0	023	82	0	0	9	0	0	76	80	— 7	—	3.0	—	3.0	7
	Hyderabad	000	0	7	23	03	97	03	1	000	95	3	3	6	3	0	72	03	000	0	0	23	07	97	02	0	030	85	0	0	9	0	0	73	81	—	+ 3	1.9	— 3.5	1.4	9
	Badin	000	0	3	27	07	96	01	1	002	96	0	0	9	0	6	78	98	000	0	2	25	09	96	01	1	045	82	2	6	5	0	0	76	80	—	—	1.7	— 4.6	1.6	
Khairpur	Padidan	000	0	2	09	03	96	02	0	986	05	2	1	6	0	0	60	05	000	0	0	00	00	96	02	0	004	87	0	0	9	0	0	72	83	—	—	0.2	—	0.2	—
	Nawabshah	000	0	2	00	00	98	01	0	990	05	2	3	6	0	0	64	06	000	0	0	18	02	96	02	0	016	87	0	0	9	0	0	71	80	—	—	0.6	—	0.6	4
	Sukkur	000	0	0	02	5	96	02	0	985	06	0	0	9	0	0	73	07	000	0	0	13	02	96	02	0	004	90	0	0	9	0	0	76	66	—	—	4.8	—	2.2	—
	Kashmore	000	0	0	23	02	98	02	0	990	/	0	0	9	0	0	72	02	000	0	0	00	00	98	02	0	023	85	0	0	9	0	0	75	///	—	—	0.0	—	0.0	4
	Jacobabad	000	0	0	09	05	96	05	0	986	00	0	0	9	0	0	71	01	000	0	0	09	05	97	05	0	008	88	0	0	9	0	0	74	85	— 3	+ 5	2.8	+ 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 *	...	000	0	6	13	02	97	02	1	440	66	6	8	3	0	0	61	68	000	0	0	07	05	98	00	1	954	62	0	0	9	0	0	53	56	— 5	— 4	3.8	+ 7.3	46.4	29
Malakand	Drosh *	...																																					1.6	—	10.2	—
Peshawar	Cherat *	...	000	0	3	18	05	97	01	2	442	79	3	2	8	0	0	68	82	000	0	0	18	03	98	00	0	459	69	0	0	9	0	0	67	67	— 3	— 1	10.5	+ 0.5	18.0	—
	Kakul *	...	000	0	2	23	05	98	01	/	4.1	77	2	2	6	0	0	65	79	000	0	4	13	02	97	03	1	451	74	2	2	5	0	2	63	66	—	—	38.8	—	43.6	29
	Landikotal *	...	000	0	2	18	05	98	12	0	464	86	2	2	1	0	3	70	90	000	0	4	36	02	97	00	0	424	83	0	0	9	0	0	76	75	—	—	10.5	—	20.5	13
	Parachinar *	...	000	0	2	16	03	98	02	0	451	80	2	2	6	0	0	57	82	000	0	0	00	00	98	01	0	461	72	0	0	9	0	0	58	61	— 2	— 1	10.5	—	18.1	11
D. I. Khan	Miranshah	000	0	4	05	05	97	03	1	441	89	4	0	9	0	1	65	90	000	0	4	05	05	96	03	0	444	75	1	0	9	0	0	66	68	—	—	3.9	+ 0.2	4.8	13
	Wana *	...																																							1.6
Quetta	Fort Sandeman *	...	000	0	1	05	03	97	01	0	412	91	/	/	7	0	0	46	92	000	0	1	00	00	96	05	0	440	75	1	1	7	0	0	63	72	+ 2	+ 2	1.9	— 2.8	3.2	9
	Hindubagh *	...	000	0	0	34	02	98	02	0	///	92	0	0	9	0	0	57	96	000	0	0	11	02	98	02	0	///	72	0	0	9	0	0	52	60	—	—	0.4	—	2.3	—
	Loralai *	...																																							14
	Barkhan *	...																																							9
	Harnai *	...	000	0	0	13	02	96	02	0	430	91	0	0	9	0	0	71	92	000	0	0	31	01	96	02	0	418	80	0	0	9	0	0	71	77	—	—	0.0	— 6.6	0.2	8
	Samungli (Quetta) *	...	000	0	1	27	03	97	02	0	423	93	/	/	6	0	0	68	94	000	0	0	13	02	97	05	0	452	67	0	0	9	0	0	32	///	+ 5	—	0.0	— 0.9	3.7	—
	Chaman *	...	000	0	0	27	03	96	00	0	445	96	0	0	9	0	0	70	97	000	0	0	00	00	96	00	0	433	79	0	0	9	0	0	39	80	— 14	+ 13	0.0	— 0.1	2.0	—
	Nushki *	...	000	0	0	27	03	97	02	0	449	02	0	0	9	0	0	46	04	000	0	0	18	03	97	02	0	485	85	0	0	9	0	0	33	78	—	—	0.0	—	1.5	4
	Dalbandin *	...	000	0	2	29	03	95	05	0	442	05	2	0	9	3	0	69	06	000	0	0	06	00	95	05	0	435	76	0	0	9	0	0	69	69	+ 3	+ 4	0.0	— 0.3	0.6	7
Kalat	Kalat *	...	000	0	0	36	00	92	00	2	406	85	0	0	9	0	0	55	90	000	0	0	13	01	94	00	2	451	67	0	0	9	0	0	50	///	+ 3	—	0.0	— 1.1	1.4	—
	Khuzdar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	18	02	97	03	0	439	77	2	0	9	3	0	59	///	—	—	1.4	—	2.0	5
	Panjgur *	...	000	0	2	23	03	96	01	0	440	97	1	5	6	0	0	64	90	000	0	0	00	00	96	02	0	448	///	0	0	9	0	0	73	74	— 8	+ 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.

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 2nd SEPTEMBER, 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 W	PPP TT	N$_h$C$_L$hC$_M$C$_H$	D$_s$V$_s$a PP	7RR t$_R$f$_R$	8N$_s$C$_b$h$_s$	OT$_s$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
ARABIAN SEA														
Sardahna	99 2 45 99 2 22 99 2 13	10 6 70 10 6 66 10 6 97	01 1 23 02 0 03 02 0 63	02 6 10 83 3 10 42 3 10	98 6 20 98 0 35 98 0 21	// / 28 08 3 27 08 3 26	00 0 00 81 5 00 49 5 60	33 5 24 33 2 21	... ...	... .	... 05 4 25	... ...	30 4 04 ... 30 4 02	20 4 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$_{mb}$
		PoPoPoToToDoDo	hhh TTT$_s$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	005 250 08	...	500 162 30	114 093 48	586 057 25	878 159 50	968 317 59	242 545 / /	509 154 / /	...	...	...	...
Dacca ...	00 00	002 258 00	...	400 176 21	061 094 40	576 049 39	751 145 56	957 202 40	240 493 / /	670 755 / /	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	003 350 57	...	550 296 / /	020 190 / /	590 006 / /	766 071 / /	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	961 252 52	...	400 206 38	062 116 / /	583 031 / /	756 099 / /	...	...	...	...	...	...	...
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	dtdtdtftft	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 (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	9.0
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 ...	165 07	185 09	175 08	165 09	155 10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	170 07	190 05	280 04	345 03	325 06	015 09	060 17	015 12	...	...	...	...	...	...	145 06	155 01	150 06	150 07	...	...	...	...	...	...	...
Chhor ...	265 06	265 05	270 05	025 04	026 06	...	...	...	...	...	...	...	...	...	...	...	160 04	210 04	230 04	235 05	255 08	...	...	...	...	...
Chittagong ...	220 08	220 10	220 09	150 05	160 06	200 10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	155 09	190 06	250 04	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	150 09	200 08	170 06	170 15	170 06	190 05	115 11	100 07	135 04	200 02	165 10	160 12	...	...	...	185 08	180 06	175 06	135 05	065 02	140 14	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	160 10	170 09	100 08	150 08	145 10	150 08	50 10	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	220 11	225 10	190 09	065 11	330 13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	180 01	200 05	180 03	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	135 10	155 09	155 10	180 11	195 12	005 02	240 32	335 29	345 22	085 09	140 05	120 05	160 05	205 06	250 15	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	255 08	260 12	270 10	260 09	255 10	...	...	...	...	...	...	...	...	...	...	160 07	150 08	140 09	...	...	...	...	...	...	...	...
Jhelum ...	105 13	160 05	...	040 17	340 10	...	...	...	...	165 02	205 04	205 04	330 08	360 09	360 07	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	190 16	170 10	160 06	120 06	...	...	...	...	...	...	...	...	...	...	...	200 11	195 12	195 12	...	...	...	...	...	...	...	...
Karachi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	005 06	035 04	035 04	040 05	060 02	060 06	070 17	055 15	055 17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	090 03	360 02	345 03	305 05	315 04	020 05	...	...	...	...	...	...	...	...	...	295 05	045 02	010 03	350 11	355 08	115 03	...	...	...	...	...
Multan ...	130 10	130 11	130 13	115 07	090 04	360 07	350 12	345 06	335 33	...	...	...	...	...	...	160 11	160 09	175 08	210 04	160 02	300 09	360 11	355 22	280 05	...	...
Nawab Shah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	060 06	125 06	200 08	270 08	310 09	015 09	355 24	340 24	...	215 05	295 06	250 14 375 11	260 18 325 08	335 06 345 05	...	020 04	255 03	285 04	265 05	305 12	...	...	...	...	...
Peshawar ...	...	...	...	...	320 02	315 07	355 05	015 05	010 05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	230 03	290 01	005 02	020 06	355 09	360 15	360 11	355 17	345 16	...	...	...	...	...	...	210 03	240 03	270 03	320 04	350 07	335 11	005 06	345 10	290 01	...	...
Sargodha ...	...	...	...	...	...	...	...	...	...	160	...	...	...	...	...	160 01	165 04	205 04	...	...	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	205 04	205 05	230 02	260 07	225 04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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 ...	265 07	265 04	285 05	285 05	285 05	085 05	045 03	355 06	345 10	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (Hiiii 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.

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

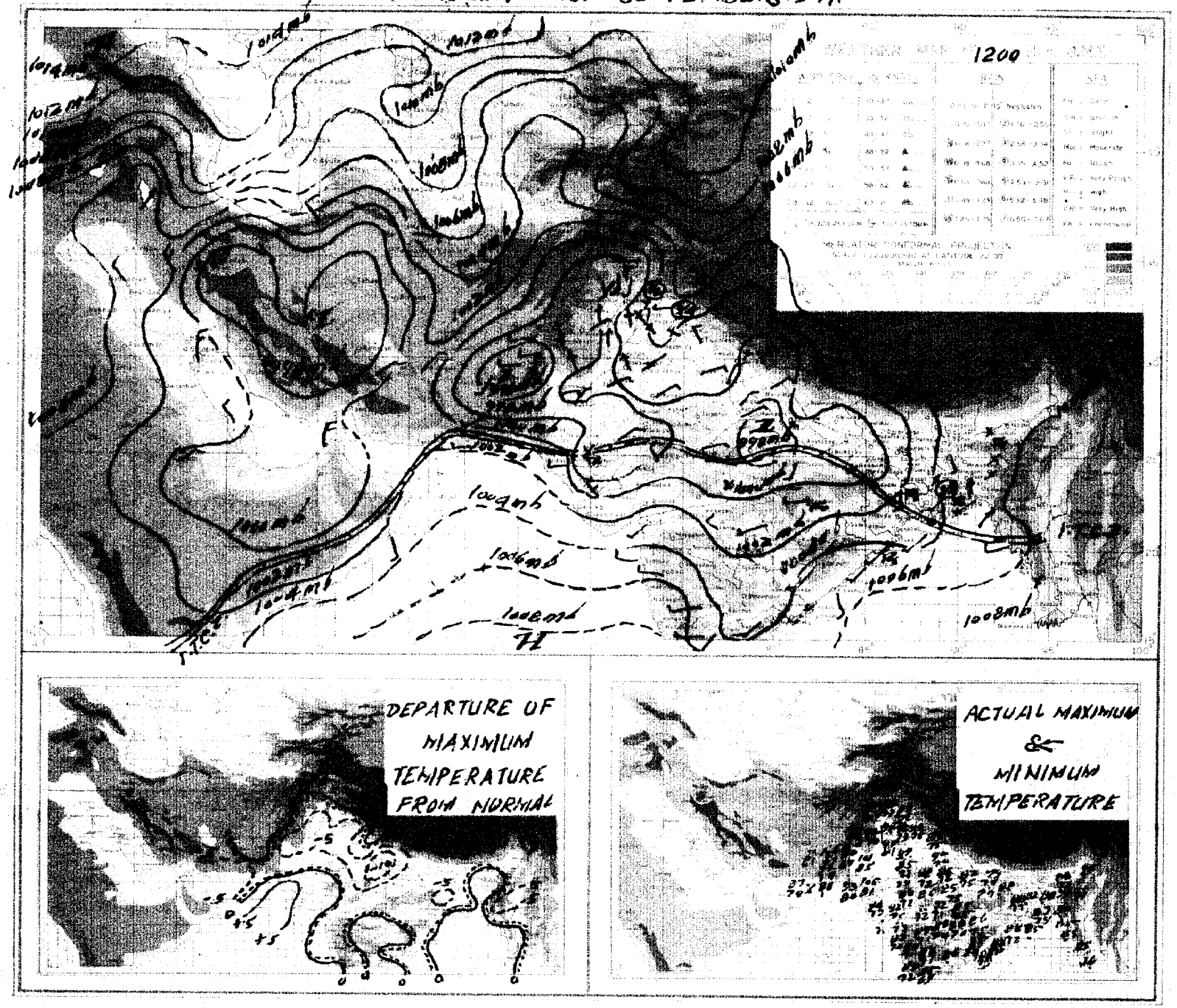
The actual time of observations may vary within half an hour of the specified time.

* 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.

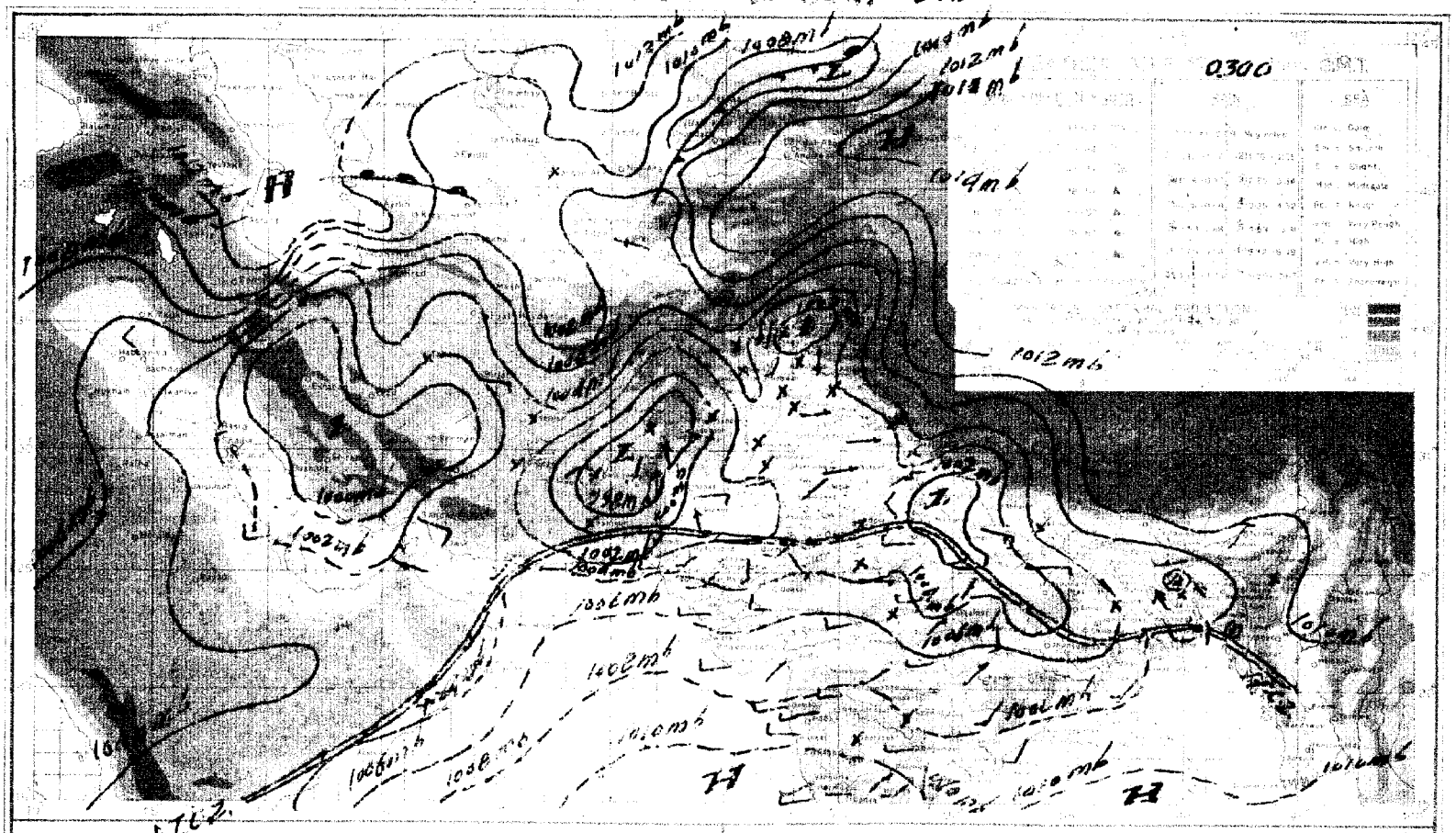
PAKISTAN DAILY WEATHER MAP

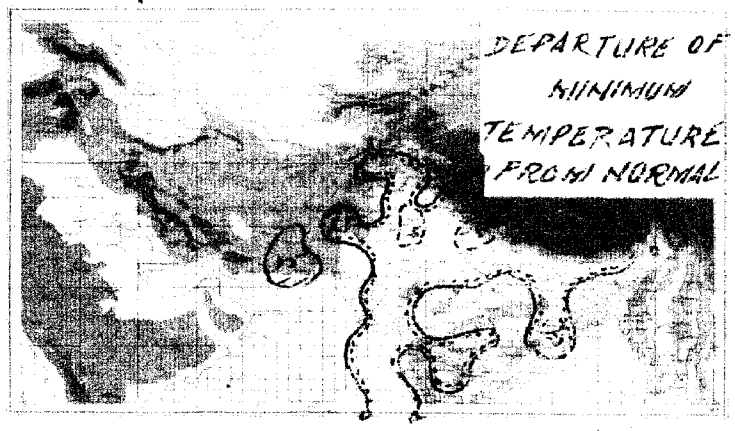
WEDNESDAY 1st SEPTEMBER 1971.

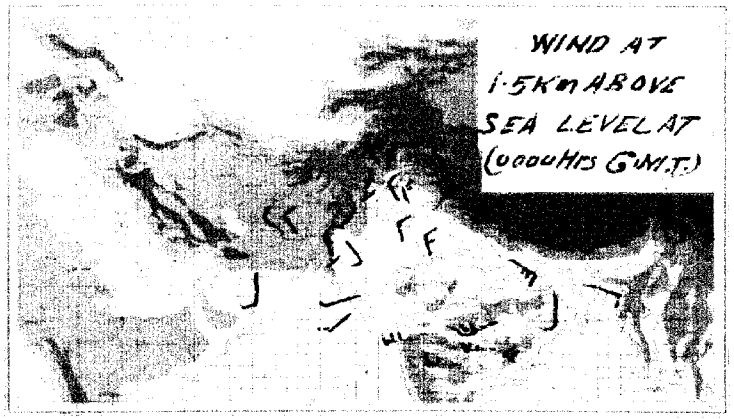


PAKISTAN DAILY WEATHER MAP

THURSDAY 2nd SEPTEMBER, 1971







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
~~Volume No.~~ 25

2-FEB 9
COPY 1972

FRIDAY THE 3rd SEPTEMBER, 1971.

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

Yesterday's low has moved westnorthwestwards and lies over East Punjab (India), northeast Rajasthan and adjoining areas. It is merging with the seasonal monsoon trough axis of which now extends from Fort Abbas to southern districts of East Pakistan.

A westerly low pressure wave is moving across northern areas of West Pakistan and Kashmir.

Yesterday's trough today lies over West Rajasthan and adjoining areas of West Pakistan.

Seasonal low lies accentuated over Quetta and Kalat divisions.

Rain/thundershowers have been scattered in Chittagong and Khulna divisions. Light rain has also fallen in Rajshahi division.

Widespread rain/thundershowers have occured in Rawalpindi division and fairly widespread in Peshawar division. Scattered thunderstorms have also been reported from Lahore, Multan and Malakand divisions and a few falls of drizzle from Bahawalpur division.

Chief amounts of rainfall are Jessore 2", Sylhet and Peshawar 1" each, Srimangal, Campbellpur and Cherat 3/4" each, Kakul and Landikotal ½" each and Cox's-Bazar and Rawalpindi ¼" each.

Day temperatures were generally 3 – 6 °F (2—3 °C) above normal in Chittagong, central Quetta and northern Kalat divisions and were to the same extent below normal in Rawalpindi, Sargodha, Malakand and Peshawar divisions.

Forecast valid until the evening of the 4th September, 1971 :—Rain/thundershowers will be fairly widespread in southern districts of East Pakistan and in Lahore, Rawalpindi, Sargodha, Malakand and Peshawar divisions with a few heavy falls local elsewhere in East Pakistan and in Kashmir and scattered in the remaining divisions of West Pakistan outside southern areas where light rain/drizzle may falls at a few places.

Earth Quake Report Seismographs of the geophysical centre, Quetta have recorded an earth quake of moderate intensity on 2nd September, 1971 at 23 hours 28 minutes WPST with its epicentre about 1000 miles west of Quetta in western Iran.

ARSHAD NOOR KHAN
for Director Meteorological Services.

Karachi-32
The 3rd September, 1971.

OBSERVATIONS

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

Divisions (1)	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 Cld † 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 ...	000	0	5	18	02	98	01	1	053	86	5	7	5	1	1	84	89
	Cox's Bazar ...	000	0	5	28	08	95	02	2	042	84	5	3	4	2	0	77	87
	Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Maijdee Court ...	000	9	2	19	02	97	01	0	038	84	0	0	9	0	2	81	85
	Comilla ...	000	0	0	00	00	96	02	0	044	84	0	0	9	0	0	79	91
	Brahmanbaria ...	000	0	4	00	00	97	01	2	033	88	3	8	6	3	0	77	89
	Sylhet ...	000	0	5	00	09	96	03	9	049	84	2	8	3	6	2	79	91
	Srimangal ...																	
Dacca	Mymensingh ...	000	0	4	00	00	97	01	1	037	84	4	5	6	0	0	81	66
	Narayanganj ...	000	0	2	13	03	96	01	1	034	86	2	2	6	0	0	77	91
	Dacca (Tejgaon) ...	000	0	5	00	00	97	01	2	032	84	3	8	5	6	1	77	89
	Faridpur ...	000	0	3	20	02	96	01	2	053	//	3	4	5	0	0	81	88
Khulna	Barisal ...	000	0	6	18	02	97	02	2	038	82	4	3	4	1	7	79	88
	Khulna ...	000	0	2	00	00	97	02	0	014	//	0	3	8	0	0	81	89
	Satkhira ...	000	0	6	18	04	97	03	5	062	82	4	3	9	2	1	79	87
	Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi	Pabna ...	000	0	3	00	00	99	01	1	///	86	2	3	6	0	0	75	90
	Sirajganj ...	000	0	4	00	00	97	01	2	030	84	4	4	4	0	0	79	90
	Rajshahi ...	000	0	6	09	02	96	02	2	024	90	3	2	5	0	2	87	89
	Bogra ...	001	0	6	00	09	96	01	2	028	84	4	5	4	3	0	79	99
	Dinajpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangpur ...																	
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	4	00	00	97	02	1	997	94	4	4	6	0	0	71	96
	Sialkot ...	001	0	1	36	02	98	01	0	998	92	1	1	7	0	0	59	93
Rawalpindi	Jhelum ...	000	0	2	00	00	97	02	0	989	73	2	1	7	0	0	94	96
	Islamabad ...																	
	Rawalpindi ...	000	0	2	00	00	97	02	0	981	91	2	1	6	3	0	72	92
	Campbellpur ...	000	0	0	05	01	98	00	0	///	98	0	0	9	0	0	5d	98
Sargodha	Khushab ...	000	0	0	00	00	97	00	0	987	95	0	0	9	0	0	81	96
	Sargodha ...	000	0	1	13	03	97	02	0	992	93	1	1	6	3	0	75	97
	Lyallpur ...	000	0	6	29	02	97	02	1	994	88	6	0	9	4	0	59	94
Multan	Sahiwal ...																	
	Multan ...	000	0	0	13	02	97	02	0	981	96	0	0	9	0	0	70	99
	Leiah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	Khanpur ...	000	0	0	36	03	96	01	0	970	07	0	0	9	0	0	66	06
	Bahawalpur ...	000	0	0	00	00	96	00	0	988	96	0	0	9	0	0	69	99
	Fort Abbas ...	000	0	0	05	04	96	00	0	956	95	0	0	9	0	0	64	97
Malakand	Chakdara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Peshawar ...	000	0	1	05	03	97	02	0	969	93	1	1	6	0	0	73	96
	Haripur ...	000	0	0	23	02	98	00	0	010	89	0	0	9	0	0	69	92
D.I. Khan	Bannu ...	000	0	3	13	02	99	03	1	996	95	1	1	8	0	5	70	96
	D. I. Khan ...																	
Quetta	Sibi ...																	
	Nokkundi ...	000	0	0	31	09	97	02	0	933	07	0	0	9	0	0	25	10
Kalat	Turbat ...	000	0	0	25	02	98	00	0	003	01	0	0	9	0	0	//	//
	Jiwani ...	000	0	4	22	10	96	01	2	033	24	4	4	5	0	0	77	86
	Pasni ...	000	0	0	27	02	97	00	0	142	//	0	0	9	0	0	67	//
	Ormara ...	000	0	0	27	19	96	02	2	006	85	1	6	6	0	0	76	86
	Lasbela ...	000	0	2	18	02	98	00	0	994	60	0	0	9	0	0	74	01
Karachi division	Karachi (Manora) ...																	
	Karachi (Airport) ...	000	0	5	25	10	97	02	0	019	87	2	5	5	0	1	74	90
Hyderabad	Nagarparker ...																	
	Chhor ...	000	0	2	23	12	96	03	0	994	93	0	0	9	0	1	//	94
	Hyderabad ...	000	0	0	25	09	97	02	0	996	96	0	0	9	0	0	71	99
	Badin ...	000	0	2	23	10	96	01	0	017	91	2	4	6	0	0	76	94
Khairpur	Padidan ...	000	0	0	27	02	96	02	0	976	05	0	0	9	0	0	64	//
	Nawabshah ...	000	0	0	25	03	97	02	0	981	05	0	0	9	0	0	66	07
	Sukkur ...	000	0	0	31	05	96	02	0	965	06	0	0	9	0	0	73	07
	Kashmore ...	000	0	0	05	02	98	02	0	988	04	0	0	9	0	0	72	05
	Jacobabad ...	000	0	0	18	10	97	02	0	966	02	0	0	9	0	0	73	03
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Draz ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	6	13	02	97	02	1	441	66	7	5	4	0	0	63	69
Malakand	Drosh * ...	000	0	1	23	10	99	02	0	379	95	1	1	7	0	0	39	00
Peshawar	Cherat * ...	000	0	4	16	07	98	01	1	453	81	4	2	8	0	0	67	82
	Kakul * ...	000	0	4	16	09	98	02	1	436	79	3	3	5	3	0	64	82
	Landikotal * ...	000	0	1	18	05	98	01	2	425	87	1	0	5	3	0	71	91
	Parachinar * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Miranshah * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Wana * ...																	
Quetta	Fort Sandeman * ...	000	0	1	36	02	97	02	0	400	93	1	1	7	0	0	44	94
	Hindubagh * ...	000	0	0	25	05	98	02	0	///	92	0	0	9	0	0	67	95
	Loralai * ...																	
	Barkhan * ...																	
	Harnai * ...	000	0	0	31	61	96	02	0	424	94	0	0	9	0	0	71	95
	Samungli (Quetta) * ...	000	0	0	31	03	97	02	0	419	92	0	0	9	0	0	23	95
	Chaman * ...	000	0	0	00	00	98	00	0	405	97	0	0	9	0	0	80	97
	Nushki * ...	000	0	0	00	00	97	02	0	469	82	0	0	9	0	0	46	03
	Dalbandin * ...	000	0	0	23	07	96	05	0	439	05	0	0	9	0	0	63	07
Kalat	Kalat * ...	000	0	0	27	01	91	02	2	395	81	0	0	9	0	0	54	90
	Khuzdar * ...	000	0	5	23	05	98	03	1	407	95	5	5	9	0	0	55	97
	Panjgur * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

Stations (2)	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 (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	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	025	7	6	18	06	96	02	2	067	84	5	9	4	3	0	79	79
Chittagong	000	0	6	13	06	96	02	2	069	85	2	4	4	3	2	75	79
Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Comilla	000	0	6	18	03	96	02	2	067	82	6	4	5	0	0	79	79
Brahmanbaria	012	9	8	05	05	96	61	6	078	75	6	7	4	5	0	75	75
Sylhet	077	9	8	00	00	96	62	9	078	79	8	9	3	/	/	79	77
Srimangal																	
Mymensingh	(0)	0	8	00	00	97	50	5	///	//	2	6	9	5	3	//	81
Narayanganj	000	0	8	23	04	97	02	2	063	84	8	6	4	/	/	79	81
Dacca (Tejgaon)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Faridpur	000	0	7	16	02	97	02	2	090	84	5	4	5	1	0	81	79
Barisal	000	0	5	00	00	97	02	2	063	84	4	4	5	3	1	79	79
Khulna	000	0	2	00	00	97	02	0	070	83	0	2	4	0	0	79	78
Satkhira	045	0	4	18	02	97	02	3	057	80	4	3	9	2	1	79	77
Jessore	192	0	7	09	02	96	02	2	057	82	5	6	4	2	0	79	77
Pabna	000	0	4	13	02	98	03	1	///	83	4	2	6	6	0	77	79
Sirajganj	000	0	8	00	00	98	02	2	066	83	8	0	8	2	0	79	80
Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra	001	0	7	13	20	96	02	2	061	82	6	8	4	7	0	73	79
Dinajpur	000	0	7	29	10	97	02	2	071	81	7	7	2	0	0	79	79
Rangpur																	
Jammu																	
Lahore (Jail Rd.)	000	0	0	00	00	97	02	1	043	81	1	5	3	7	0	67	75
Sialkot	000	0	5	00	00	98	03	2	048	79	5	0	9	7	0	73	75
Jhelum	010	0	5	00	00	97	03	2	048	81	2	1	6	7	0	72	75
Islamabad																	
Rawalpindi	025	0	7	00	00	97	60	9	053	74	5	3	6	2	0	73	67
Campbellpur	080	3	8	05	01	97	00	0	///	75	0	0	9	0	0	75	70
Khushab	000	0	0	00	00	97	00	0	047	84	0	0	9	0	0	78	//
Sargodha	000	0	1	05	03	97	02	0	047	81	1	1	6	3	0	74	76
Lyallpur	000	0	0	00	00	97	00	0	036	82	0	0	9	0	0	71	72
Sahiwal																	
Multan	008	3	6	13	02	96	17	9	124	82	6	5	5	3	0	73	70
Leiah	000	0	0	36	62	93	00	0	021	80	0	0	9	0	0	63	72
Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chakdara	000	0	7	27	10	97	01	2	034	73	7	3	7	0	0	78	73
Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bannu	000	0	5	11	01	99	03	2	044	82	5	2	7	0	0	73	80
D. I. Khan																	
Sibi																	
Nokkundi	000	0	0	36	12	97	02	0	992	86	0	0	9	0	0	81	78
Turbat	000	0	0	16	02	58	00	0	066	64	0	0	9	0	0	70	/
Jiwani	000	0	6	18	05	96	02	1	051	81	6	6	5	0	0	74	79
Pasni	000	0	0	18	02	97	02	0	144	74	0	0	9	0	0	68	//
Ormara	000	0	4	17	07	96	02	2	039	81	4	6	6	0	0	75	//
Lasbela	000	0	3	00	00	98	02	0	097	79	0	0	9	0	0	73	78
Karachi (Manora)																	
Karachi (Airport)	000	0	7	27	07	96	02	2	049	83	4	6	6	3	0	77	81
Nagarparker																	
Chhor	000	0	6	23	12	56	03	0	026	83	6	5	6	0	0	79	79
Hyderabad	000	0	4	23	10	97	03	1	036	84	4	6	5	0	0	74	81
Badin	000	0	2	25	09	96	03	1	046	81	0	0	9	0	1	73	80
Padidan	000	0	0	13	02	96	02	0	009	64	0	0	9	0	0	72	79
Nawabshah	000	0	0	18	03	96	02	0	015	83	0	0	9	0	0	72	78
Sukkur	000	0	0	23	05	96	02	0	013	84	0	0	9	0	0	75	80
Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad	000	0	0	13	07	96	02	0	012	86	0	0	9	0	0	79	83
Murree	012	2	8	09	05	97	03	9	476	//	8	5	3	1	1	55	55
Drosh	000	0	5	00	00	98	03	0	452	77	2	2	7	3	0	57	75
Cherat	070	0	8	16	05	95	50	6	473	62	8	4	8	0	0	58	59
Kakul	106	2	8	13	03	96	95	9	474	63	8	7	4	1	1	61	62
Landikotal	014	3	8	05	05	97	02	5	450	67	8	6	6	0	0	64	65
Parachinar	000	0	3	13	03	97	01	1	467	70	2	5	6	3	0	66	67
Miranshah	000	0	5	11	01	99	03	2	044	82	5	2	7	0	0	73	80
Wana																	
Fort Sandeman	000	0	1	05	02	97	02	0	439	77	1	1	7	0	0	64	62
Hindubagh	000	0	0	23	02	98	02	0	///	70	0	0	9	0	0	54	62
Loralai																	
Barkhan																	
Harnai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Samungli (Quetta)	000	0	0	13	03	96	02	0	450	69	0	0	9	0	0	58	62
Chaman	000	0	0	00	00	96	00	0	433	79	0	0	9	0	0	39	//
Nushki	000	0	0	09	07	97	02	0	476	85	0	0	9	0	0	33	86
Dalbandin	000	0	0	23	02	95	05	0	436	75	0	0	9	0	0	08	67
Kalat	000	0	0	18	01	91	00	2	431	66	0	0	9	0	0	45	//
Khuzdar	000	0	0	00	00	96	02	0	440	77	0	0	9	0	0	66	75
Panjgur	000	0	0	00	00	96	05	0	447	//	0	0	9	0	0	73	71

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	+ 1	+ 4				140
Chittagong	—	+ 3				108
Maijdee Court	— 1					115
Comilla	+ 3	+ 2				94
Brahmanbaria	—	—				78
Sylhet	— 4	+ 2				—
Srimangal						98
Mymensingh	— 2	+ 3				91
Narayanganj	+ 3	+ 2				74
Dacca (Tejgaon)	—	—				—
Faridpur	0	0				71
Barisal	+ 1	+ 1				81
Khulna	—	—				68
Satkhira	—	—				65
Jessore	—	— 2				65
Pabna	—	—				59
Sirajganj	+ 2	+ 1				64
Rajshahi	—	—				—
Bogra	0	+ 1				69
Dinajpur	—	+ 1				72
Rangpur						84
Jammu						—
Lahore (Jail Rd.)	— 1	— 2	10.5	— 2.2	13.5	19
Sialkot	+ 2	— 2	32.2	+ 2.6	33.0	32
Jhelum	—	—	3.4	—	19.8	—
Islamabad						—
Rawalpindi	— 1	— 6	30.0	+ 9.8	38.1	36
Campbellpur	—	—	—	—		—
Khushab	— 3	—	1.7	— 7.4	1.7	15
Sargodha	—	—	9.2	—	13.2	—
Lyallpur	— 3	— 6	5.4	— 2.6	80.7	12
Sahiwal						10
Multan	— 2	— 11	4.6	+ 0.1	5.2	7
Leiah	—	—	—	—	—	8
Khanpur	—	—	—	—	1.5	6
Bahawalpur	—	—	—	—	2.1	6
Fort Abbas	—	—	—	—	—	8
Chakdara	—	—	1.6	—	10.2	—
Peshawar	— 1	—	—	—	14.8	11
Haripur	—	—	24.5	—	32.4	—
Bannu	—	—	4.9	—	7.3	11
D. I. Khan			—	—	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)	—	—	2.5	— 3.1	2.7	—
Nagarparker			—	—	0.0	—
Chhor	—	—	3.0	—	3.0	7
Hyderabad	+ 2	+ 3	1.9	— 3.6	3.4	9
Badin	—	—	1.7	— 4.9	1.7	—
Padidan	—	—	0.2	—	0.2	—
Nawabshah	—	—	0.6	—	0.6	4
Sukkur	—	—	1.8	—	2.2	—
Kashmore			—	—	0.0	4
Jacobabad	— 1	+ 3	2.6	+ 0.5	2.6	20
Veraval						26
Srinagar						—
Gulmarg						71
Sonamarg						26
Draz						3
Leh						6
Skardu						—
Misgar						—
Aliabad						5
Gilgit						59
						18
Murree	— 4	— 5	38.1	+ 7.1	46.6	29
Drosh	+ 5	+ 6	1.6	—	10.2	—
Cherat	— 3	— 9	11.2	+ 1.0	18.0	—
Kakul	—	—	39.5	—	43.8	29
Landikotal	—	—	10.6	—	20.5	18
Parachinar	—	+ 5	10.6	—	18.1	11
Miranshah	—	—	3.7	+ 0.1	4.8	13
Wana			—	—	1.6	—
Fort Sandeman	— 2	+ 12	1.9	— 2.8	3.2	9
Hindubagh	—	—	0.4	—	2.7	—
Loralai						14
Barkhan						9
Harnai			—	—	0.2	8
Samungli (Quetta)	+ 6	+ 3	0.0	— 0.9	3.7	—
Chaman	— 3	—	0.0	— 0.1	2.0	—
Nushki	—	—	0.0	— 0.2	1.5	4
Dalbandin	+ 4	+ 2	0.0	—	0.5	7
Kalat	+ 3	—	0.0	— 1.1	1.4	—
Khuzdar	—	—	1.4	—	2.0	5
Panjgur	—	+ 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 0300 hrs. G.M.T. of the same day

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

[library stamp, illegible]

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 3rd SEPTEMBER, 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$N_sC_bh_s$	O$T_sT_sT_dT_d$	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 44	10 5 83	03 0 63	01 0 09	96 0 00	04 5 29	00 9 00	22 0 / /	...	...	0/ / 27	12 9 85	30 4 01	00 0 00

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 ...														
Dacca ...	00 00	004 266 02	...	450 182 27	083 100 38	580 041 30	753 145 / /	965 294 3	243 471 / /	428 627 / /	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	003 290 39	...	400 241 42	154 144 67	509 045 67	762 125 / /	976 259 / /	257 477 / /	442 605 / /	...	...	...	...
Multan ...														
Peshawar ...	00 00	961 266 38	...	390 235 50	116 166 50	590 003 / /	765 067 / /	986 141 / /	206 291 / /	484 427 / /	...	...	...	...
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 ...	110 07	170 06	195 07	165 08	175 07	175 04	145 10	185 10	170 07
Chaklala ...	...	220 05	255 07	200 07	275 06	015 02	...	...	...
Chhor ...	245 20	245 19	250 19	340 11	250 11	355 12	...	...	...
Chittagong ...	210 12	210 11	200 08	180 09	160 09	135 08	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	200 10	195 11	195 12	155 05	145 05	140 09	135 09	120 05	123 05
Dacca ...	190 08	190 06	190 06	200 05	175 06	180 05	166 05	180 07	110 03
Dalbandin ...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	250 12	220 17	323 17	205 13	315 18	345 39
Fort Sandeman ...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	165 07	180 11	185 12	210 16	220 15	115 04	018 17	330 32	320 28
Jessore ...	...	...	...	...	...	...	...	...	...
Jhelum ...	135 05	200 05	230 05	290 09	350 06	325 06	345 06	345 15	005 17
Jiwani ...	210 12	210 15	225 15	250 08	...	...	...	...	...
Karachi ...	260 17	275 17	275 17	275 20	315 13	360 13	040 12	095 09	060 11
Khanpur ...	225 07	355 07	360 04	240 04	355 03	160 09	200 09	335 07	...
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	050 03	040 03	355 02	330 02	340 02	340 05	...	...	...
Multan ...	135 04	130 05	130 04	210 04	270 08	325 06	340 18	330 24	330 17
Nawab Shah ...	220 06	265 08	280 08	105 30	020 13	...	...	...	...
Nokkundi ...	...	...	310 12	320 13	335 21	355 05	055 07	335 13	305 07
Panjgur ...	..	...	...	...	...	...	...	...	...
Peshawar ...	...	030 10	105 06	150 08	195 09	310 14	320 09	340 08	260 18
Parachinar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	290 15	275 03	265 09	035 18	360 05
Sargodha ...	140 03	185 02	225 04	305 07	310 07	325 10	330 10	270 01	205 05
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 ...	225 18	230 19	235 19	...	...	...
Chittagong ...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...
Dacca ...	195 12	230 06	215 06	...	...	...
Dalbandin ...	...	...	260 05	280 11	285 15	295 21
D. I. Khan ...	140 10	150 15	110 08	175 10	...	...
Drosh ...	...	...	...	225 07	210 08	200 08
Fort Sandeman ...	...	...	...	040 10	045 08	235 10
Gilgit ...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...
Jacobabad ...	160 07	110 04	110 02	190 06	290 03	300 12
Jessore ...	...	...	...	...	...	...
Jhelum ...	030 05	105 02	230 05	250 06	320 10	...
Jiwani ...	200 08	205 10	...	...	...	...
Karachi ...	...	...	...	...	...	...
Khanpur ...	165 06	160 08	165 05	250 02	240 08	255 12
Khuzdar ...	...	...	...	250 04	260 07	285 18
Lahore ...	065 08	080 09	095 10	120 01	140 13	160 18
Multan ...	...	...	...	...	...	...
Nawab Shah ...	...	...	...	...	...	...
Nokkundi ...	...	...	...	...	...	...
Panjgur ...	...	...	...	245 13	260 14	265 22
Peshawar ...	...	360 08	245 05	260 13	200 17	240 18
Parachinar ...	...	...	...	260 03	170 02	...
Quetta ...	...	...	...	...	270 06	285 09
Sargodha ...	075 07	135 12	120 08	340 03	325 07	285 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 ...	185 08	120 13	151 3/	...	...	...	...	...	...	...	...
Chaklala ...	...	030 01	115 01	125 05	170 04	170 08	200 07	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	160 11	150 11	130 09	140 10	145 13	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	130 14	140 12	145 12	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	105 10	140 06	185 04	165 08	275 05	355 12	020 07	035 09	005 08	...	...
Jessore ...	150 09	150 09	145 08	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	210 08	215 07	...	...	...	...	...	...	...	...	...
Karachi ...	260 33	265 23	270 19	270 17	305 14	010 11	040 14	035 11	025 09	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	105 04	095 11	085 11	015 10	020 08	...	...	...	...	...	...
Multan ...	130 04	120 07	125 12	110 09	115 02	350 16	...	...	...	...	...
Nawab Shah ...	185 05	310 05	250 03	140 03	330 03	020 09	025 26	300 07	295 07	195 06	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	250 05	250 04	205 05	260 04	360 04	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	010 05	165 02	190 03	340 04	345 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 ...	260 33	265 23	270 19	010 11	305 14	035 11	040 14	265 07	035 09	...	...	...	...	...	...	...	...	...	...	...	...
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.

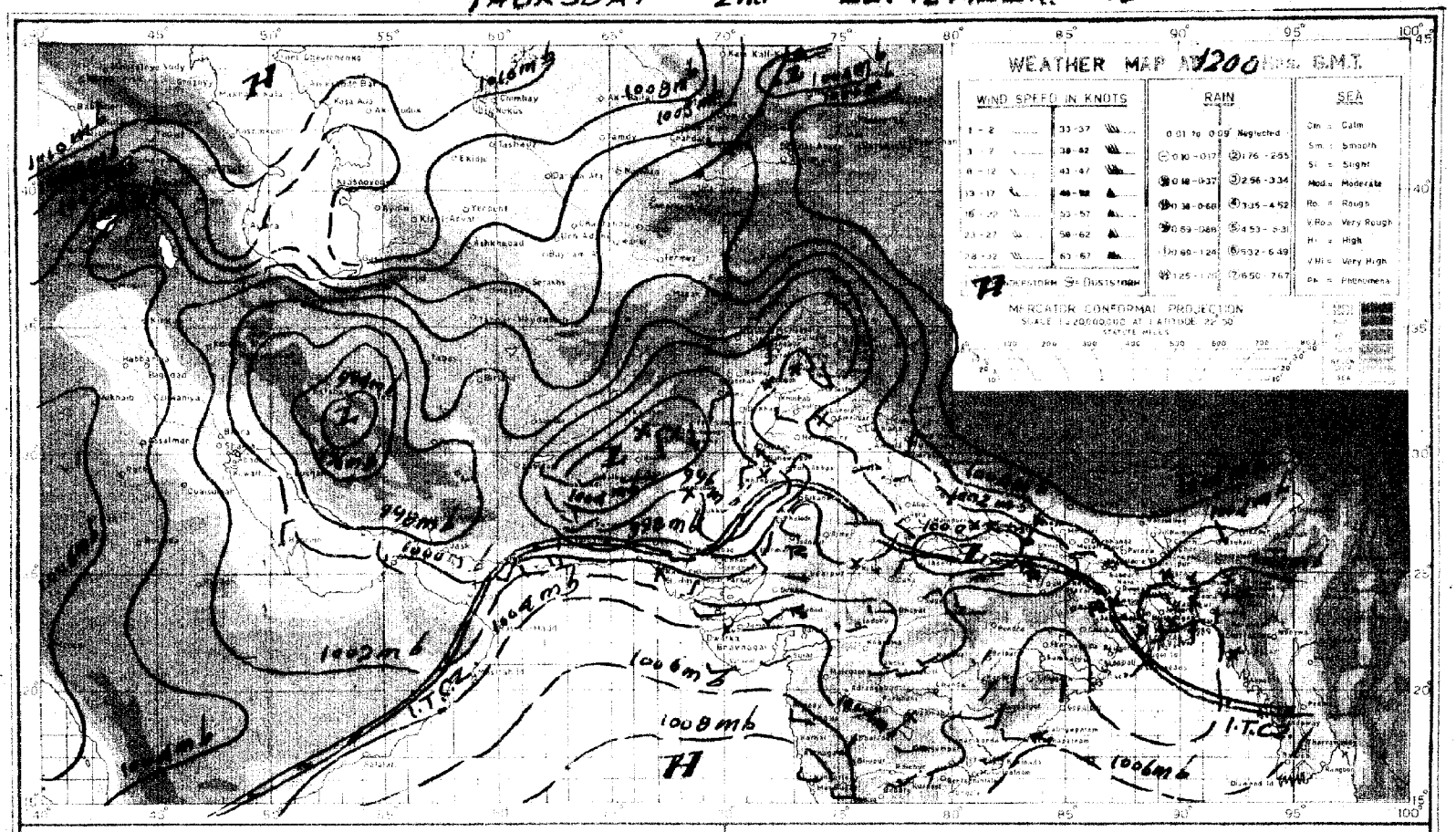
The actual time of observations may vary within half an hour of the specified time.

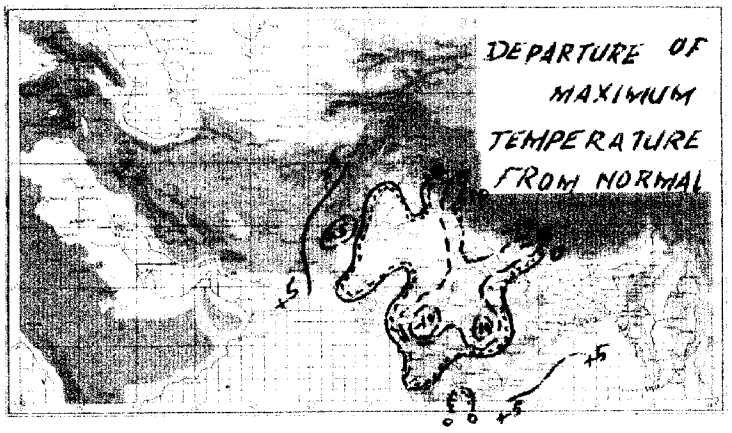
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

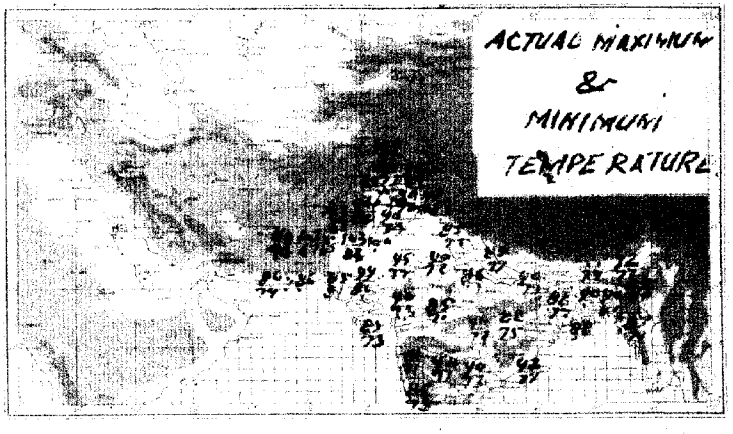
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

PAKISTAN DAILY WEATHER MAP

THURSDAY 2nd SEPTEMBER 1971

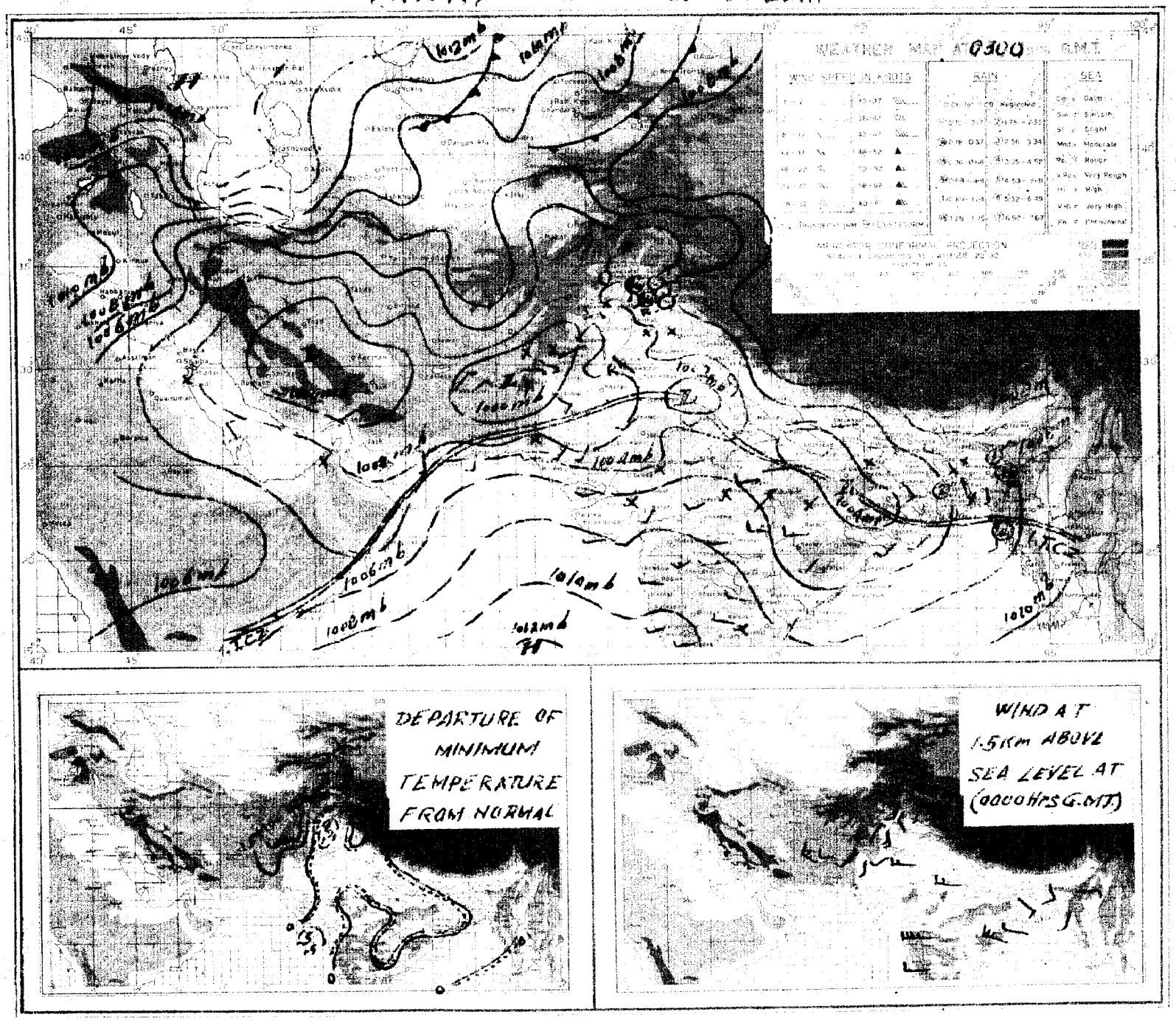






PAKISTAN DAILY WEATHER MAP

FRIDAY 3rd SEPTEMBER 1971



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PAKISTAN DAILY WEATHER REPORT

Volume No. 25

Copy — 1972

SATURDAY THE 4th SEPTEMBER, 1971.

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

Yesterday's low over East Punjab (India), northern Rajasthan and adjoining areas has merged with the monsoon trough which now extends upto northwest angle Bay of Bengal.

The trough of low over west Rajasthan and adjoining areas of West Pakistan has also merged with the monsoon trough.

Yesterday's westerly low pressure wave over northern areas of West Pakistan and Kashmir has moved slightly eastwards.

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

Local rain/thundershowers have occured in Rawalpindi division and scattered in Sargodha, Multan, Malakand and Peshawar divisions. Isolated thunderstorms have also been reported from Quetta division and drizzle from Karachi division.

Chief amounts of rainfall are Comilla 5", Dacca 2", Bhola 1½", Narayanganj, Pabna and Peshawar 1" each, Sylhet and Srimangal 3/4" each, Rangamati, Mymensingh and Jamalpur ½" each and Jessore, Bogra Jhelum, Rawalpindi and Leiah ¼" each.

Day temperatures were 3—8 °F (2—4 °C) below normal in Dacca, Rajshahi, Lahore, Rawalpindi, Sargodha, Multan, Peshawar and Khairpur divisions and were 3—5 °F (2—3 °C) above normal in Khulna, Malakand, Quetta and northern Kalat division.

Forecast valid until the evening of the 5th September, 1971 :—Rain/thundershowers will be fairly widespread over East Pakistan, local in Lahore, Rawalpindi, Malakand, Sargodha and Peshawar divisions and in Kashmir and scattered in Multan and D. I. Khan divisions. A few falls of light rain/drizzle are also likely over coastal Kalat and Karachi divisions.

Karachi-32
The 4th Septambre, 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 cents of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature °F	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F
		RRR	Wc	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	024	4	7	18	02	95	60	9	047	80	3	7	4	7	/	77	89
	Cox's Bazar	000	0	7	18	10	96	02	2	037	83	5	3	4	3	0	77	86
	Chittagong	000	1	6	16	10	96	02	9	035	82	4	4	4	2	1	76	8.
	Maijdee Court																	
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria																	
	Sylhet	092	9	6	00	00	97	01	0	037	80	3	3	5	3	0	75	83
	Srimangal	079	9	4	00	00	96	//	0	038	83	0	0	5	3	5	79	83
Dacca	Mymensingh	000	0	6	13	02	97	02	1	///	85	6	5	4	0	0	80	65
	Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dacca (Tejgaon)	000	0	7	09	02	97	02	2	025	85	3	8	4	5	4	79	88
	Faridpur	000	0	6	16	02	96	02	2	022	86	4	5	1	0	0	79	90
Khulna	Barisal	003	0	6	16	03	96	02	2	025	85	4	4	4	3	6	79	89
	Khulna	000	0	2	00	00	97	02	0	971	92	0	2	4	0	0	87	94
	Satkhira	000	0	4	18	04	97	03	3	012	80	4	3	9	1	2	73	90
	Jessore	000	0	6	09	02	96	02	2	017	85	2	6	9	6	6	//	82
Rajshahi	Pabna																	
	Sirajganj																	
	Rajshahi	000	0	6	09	02	96	29	9	015	..	2	2	5	0	4	75	93
	Bogra	005	5	7	09	02	96	03	2	026	83	5	6	4	3	0	77	86
	Dinajpur	000	9	5	00	00	96	02	0	024	85	2	6	4	/	/	78	92
	Rangpur	000	0	1	09	02	96	01	0	026	83	1	0	9	1	0	79	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	2	05	02	97	03	0	011	88	2	4	7	0	0	73	89
	Sialkot																	
Rawalpindi	Jhelum	///	/	4	00	00	99	02	/	000	91	2	2	9	2	0	85	11
	Islamabad																	
	Rawalpindi	012	9	1	00	00	97	02	/	004	66	1	1	6	0	0	70	87
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	97	06	0	995	97	0	0	9	0	0	79	99
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lyallpur	000	0	4	29	02	97	02	1	993	87	4	0	9	4	0	87	93
Multan	Sahiwal																	
	Multan	000	0	0	00	00	96	02	1	989	97	0	0	9	0	0	71	98
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	Khanpur	000	0	0	13	02	96	02	0	983	//	0	0	9	0	0	71	03
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Abbas																	
Malakand	Chakdara																	
Peshawar	Peshawar	000	0	1	05	05	97	02	0	999	66	1	1	4	3	0	48	97
	Hariipur	000	0	0	13	03	98	00	5	015	89	0	0	9	0	0	69	91
D.I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. I. Khan																	
Quetta	Sibi																	
	Nokkundi	000	0	0	31	05	56	02	0	930	08	0	0	9	0	0	35	09
Kalat	Turbat	000	0	0	23	02	98	00	0	992	02	0	0	9	0	0	83	02
	Jiwani	000	0	5	10	20	96	02	2	031	84	5	6	4	0	0	74	86
	Pasni	000	0	0	27	02	97	00	0	943	96	0	0	9	0	0	67	00
	Ormara	000	0	1	27	12	96	02	2	023	86	1	6	6	0	0	76	89
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi division	Karachi (Manora)																	
	Karachi (Airport)	000	0	6	27	06	96	02	0	020	85	0	3	9	0	0	69	//
	Nagarparkar																	
Hyderabad	Chhor	000	0	3	23	14	96	03	1	009	91	3	5	6	0	0	74	93
	Hyderabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Badin	000	0	5	23	01	96	02	1	027	89	5	4	6	0	0	71	92
Khairpur	Padidan																	
	Nawabshah	000	0	5	13	00	96	02	0	991	02	0	0	9	0	0	72	05
	Sukkur																	
	Kashmore	000	0	0	23	02	98	02	0	894	99	0	0	9	0	0	75	00
	Jacobabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg *																	
	Sonamarg *																	
	Dras *																	
	Leh *																	
	Skardu *																	
	Phagwr *																	
	Allabad *																	
	Gilgit *																	
Rawalpindi	Murree *	003	6	4	13	02	97	01	9	442	69	4	5	4	8	0	61	70
Malakand	Drosh *	000	4	4	20	05	98	01	9	401	89	3	1	7	3	0	//	98
Peshawar	Cherat *	000	0	0	18	05	98	00	1	443	71	0	0	9	0	0	67	//
	Kakul *	064	0	2	16	05	98	00	0	444	77	2	2	6	0	0	57	79
	Landikotal *	000	0	2	09	05	98	01	6	431	80	2	2	2	0	3	70	88
	Parachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Miranshah *	000	0	8	05	05	99	00	1	441	88	0	0	9	0	0	56	89
	Wana *																	
Quetta	Fort Sandeman *	000	0	5	13	02	97	17	9	409	91	5	9	7	0	0	46	//
	Hindubagh *	000	0	1	25	05	98	02	0	///	92	1	0	9	0	1	86	96
	Loralai *																	
	Barkhan *																	
	Harnai *																	
	Sumungli (Quetta) *	000	0	0	13	01	96	02	0	414	94	0	0	9	0	0	57	96
	Chaman *	000	0	1	36	02	97	02		426	92	1	1	6	0	0	61	94
	Nushki *	000	0	0	00	00	98	00	0	405	97	0	0	9	0	0	76	97
	Dalbandin *	000	0	0	00	00	97	02	0	469	02	0	0	9	0	0	46	04
Kalat	Kalat *	000	0	9	28	03	97	02	0	443	04	0	0	9	0	0	//	08
	Khuzdar *	000	8	0	27	01	97	00	0	395	06	0	0	9	0	0	50	91
	Panjgur *	000	0	5	13	05	97	03	1	415	93	3	0	7	0	0	83	95

DIVISIONS	STATIONS	At 0300 Hrs. G.M.T of date: Rainfall in Cents	Past weather commenced at †	Total Cloud amount	Wind direction in cents 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	Departure from Normal of Minimum temperature	Rainfall Since 1st June, 1971 to-date	Rainfall Departure from normal	Rainfall Since 1st January, 1971 to-date	Rainfall Annual Normal
		RRR	Wc	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	042	9	6	23	02	98	02	6	092	79	4	7	5	7	/	75	//						—
	Cox's Bazar	000	0	6	30	03	96	02	2	079	83	4	4	4	3	0	75	77	0	+ 2				140
	Chittagong	007	4	6	11	05	96	02	6	083	89	2	4	5	3	0	75	76	+ 1	0				108
	Maijdee Court																							115
	Comilla	456	7	6	00	00	96	02	6	088	77	6	4	5	0	0	77	75	—	— 2				94
	Brahmanbaria																							78
	Sylhet	069	0	8	16	05	96	21	6	093	77	7	7	3	2	/	74	74						—
	Srimangal	779	0	5	00	00	96	02	9	092	80	2	4	4	2	2	74	74	— 7	— 1				98
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3	—				91
	Narayanganj	108	3	8	13	02	97	02	6	018	79	8	7	3	//	...	77	75	—	— 4				74
	Dacca (Tejgaon)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2	—				71
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2	—				81
	Khulna	050	9	2	13	05	97	02	0	055	85	0	2	4	0	0	80	79						68
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						65
	Jessore	000	0	7	09	03	96	21	6	066	80	6	9	3	2	0	79	80	— 7	+ 1				65
Rajshahi	Pabna																							59
	Sirajganj																			4				64
	Rajshahi	000	8	7	09	02	96	02	0	060	//	4	4	5	3	0	79	77						—
	Bogra	049	2	7	05	02	96	01	6	077	77	4	5	4	3	8	77	//	— 3	—				69
	Dinajpur	000	3	4	09	02	96	01	2	046	84	4	0	6	/	/	79	79	+ 3	+ 1				72
	Rangpur	000	0	5	09	05	96	01	2	065	86	5	0	9	2	0	80	77	+ 2	0				84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	4	00	00	97	03	0	037	85	2	4	7	7	0	75	78	— 9	+ 1	10.5	— 2.3	13.5	19
	Sialkot																							32
Rawalpindi	Jhelum	034	3	7	00	00	97	95	9	052	73	4	9	6	2	0	71	70			3.7	—	20.2	—
	Islamabad																							—
	Rawalpindi	025	7	7	00	00	97	02	9	045	79	2	5	6	3	0	67	68	— 6	— 5	31.2	+10.8	36.3	34
	Campbellpur																							—
Sargodha	Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—	1.7	— 7.4	1.7	15
	Sargodha	000	3	8	27	03	94	95	9	046	75	7	9	3	2	0	70	74			9.2	—	13.2	—
	Lyallpur	000	0	6	29	03	97	02	1	040	83	6	4	7	0	0	73	78	— 4	0	5.4	— 2.6	8.7	12
Multan	Sahiwal																							10
	Multan	000	0	8	36	03	93	62	9	031	82	0	7	9	0	0	71	//	— 3	—	4.6	+ 0.2	5.2	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
Bahawalpur	Khanpur	000	0	0	23	05	96	02	0	027	82	0	0	9	2	0	73	80			1.1	— 3.7	1.5	8
	Bahawalpur	000	0	5	00	00	95	03	0	033	85	0	0	9	0	2	//	81			0.0	— 4.1	2.1	6
	Fort Abbas																							4
Malakand	Chakdara																							8
Peshawar	Peshawar	120	0	7	36	02	96	05	1	026	77	4	5	6	3	0	73	76	0	0	6.5	+ 2.8	16.0	—
	Hariipur	005	7	5	31	05	97	00	6	056	71	5	0	9	3	0	68	69			24.5	—	32.4	11
D.I. Khan	Bannu	000	0	5	05	01	98	03	1	035	81	0	0	9	7	0	72	79			4.9	—	7.3	—
	D. I. Khan																							11
Quetta	Sibi																							9
	Nokkundi	000	0	0	31	21	96	00	0	///	86	0	0	9	0	0	48	79						5
Kalat	Turbat	000	0	1	00	00	98	00	0	944	//	0	0	9	0	0	72	81			0.0	—	0.2	2
	Jiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	—	0.9	—
	Pasni	000	0	0	18	02	97	02	0	944	74	0	0	9	0	0	68	//	— 3	—	0.0	—	1.5	5
	Ormara	000	0	5	27	07	96	04	4	043	81	5	6	6	0	0	75	//			0.0	— 0.8	0.0	6
	Lasbela	///	0	3	00	00	98	02	0	043	79	0	0	9	0	0	73	78			0.0	—	0.0	6
Karachi division	Karachi (Manora)																							8
	Karachi (Airport)	000	0	7	27	09	96	02	2	046	81	5	6	5	3	0	77	79	— 88	— 0	2.5	— 3.1	2.7	8
	Nagarparkar																							—
Hyderabad	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			3.0	—	3.0	7
	Hyderabad	000	0	1	27	07	97	03	0	032	83	1	4	5	0	0	74	80	—	+ 2	1.9	— 3.6	7.4	9
	Badin	000	8	1	23	05	96	01	1	046	81	1	6	5	0	0	75	79			1.7	— 4.9	1.7	—
Khairpur	Padidan	000	0	0	13	03	96	02	0	015	//	0	0	9	0	0	78	78			0.2	—	0.2	—
	Nawabshah	000	0	0	18	10	96	02	0	017	82	0	0	9	0	0	73	78			0.4	—	2.4	4
	Sukkur	000	0	0	23	05	96	02	0	016	82	0	0	9	0	0	73	79			1.8	—	2.2	—
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	—	0.0	4
	Jacobabad	000	0	0	13	07	97	02	0	011	83	0	0	9	0	0	75	81	—	+ 1	2.6	+ 0.5	2.6	—
Junagadh	Veraval																							20
	HILL STATIONS																							26
Kashmir	Srinagar *																							—
	Gulmarg *																							71
	Sonamarg *																							26
	Dras *																							3
	Leh *																							6
	Skardu *																							—
	Phagwr *																							—
	Allabad *																							5
	Gilgit *																							39
Rawalpind	Murree *	009	2	7	13	02	97	02	9	460	60	7	5	4	0	0	51	55	— 3	— 5	28.2	+ 5.0	46.4	18
Malakand	Drosh *	000	0	2	18	03	//	01	1	437	79	2	1	7	0	0	49	//	+ 4	—	1.6	—	10.2	29
Peshawar	Cherat *	000	0	8	18	07	93	02	2	///	66	8	5	8	0	0	66	60		— 8	11.2	+ 1.0	18.0	—
	Kakul *	000	0	3	13	05	98	01	2	454	71	1	2	5	1	2	63	63			39.5	—	43.5	29
	Landikotal *	000	0	2	36	02	98	02	2	446	75	2	0	/	3	0	67	65			10.6	—	20.5	13
	Parachinar *	000	0	3	00	00	97	02	1	463	70	3	2	6	0	0	60	63	—	— 1	10.6	—	18.1	11
D.I. Khan	Miranshah *	000	0	8	05	05	96	01	1	442	75	8	0	9	0	0	69	72			3.9	— 0.1	4.8	13
	Wana *																							—
Quetta	Fort Sandeman *	000	0	1	31	02	97	02	0	447	77	1	1	7	0	0	63	71	—	+ 1	1.9	— 2.8	3.2	9
	Hindubagh *	000	0	0	25	02	98	02	0	///	70	0	0	9	0	0	35	80			0.3	—	2.3	—
	Loralai *																							14
	Barkhan *																							9
	Harnai *																							—
	Sumungli (Quetta) *	000	0	0	13	01	96	02	0	420	64	0	0	9	0	0	77	84			0.0	—	0.2	8
	Chaman *	000	0	0	00	00	96	00	0	449	69	0	0	9	0		52	//	+ 5	—	0.0	— 0.9	3.7	—
	Nushki *	000	0	0	00	00	98	00	0	446	72	0	0	9	0	0	47	58	— 3	//	0.0	—	2.0	—
	Dalbandin *	000	0	0	00	00	97	02	0	476	84	0	0	9	0	0	//	79			0.0	—	1.5	4
Kalat	Kalat *	000	0	0	00	00	96	05	0	428	77	0	0	9	0	0	//	69	+ 5	+ 4	0.0	—	0.5	7
	Khuzdar *	000	0	2	13	02	93	00	2	429	74	0	0	9	0	0	67	//	+ 4		0.0	—	1.4	—
	Panjgur *	000	0	0	27	07	//	00	0	432	75	0	0	9	0	0	66	//			1.4	—	2.0	5
		000	0	0	29	09	97	02	0	452	73	0	0	9	0	0	71	71	—	+ 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 here for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 4th SEPTEMBER, 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_sn	PP	7RR	t_Rt_R	$8N_sC_bh_s$	$O1_sT_sT_dT_d$	$1T_wT_wT_{w'}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
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.	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
			At surface and Standard Isobaric Levels											
		PoPoPoToToToDoDo	hhh TTT, DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	004 250 22	066 260 23	490 188 31	127 164 5/	585 047 15	758 149 34	970 305 50	245 543 / /	423 685 / /	...	...	...	...
Dacca ...	00 00	006 242 03	...	450 172 29	094 080 49	580 059 02	752 153 17	964 285 34	242 507 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	003 284 56	...	400 236 59	143 148 / /	583 027 / /	762 153 / /	974 271 / /	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...
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	PcPtPcTcTcTat	dtdtftftftft	P,P,P,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 (dd/ff)									At 0000 hrs. G.M.T. † of date (dd/ff)						At 0600 hrs. G.M.T. † of date (dd/ff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION †	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Barisal ...																										
Bogra ...	137 07	170 08	160 05	110 06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	230 19	230 19	230 19	...	...	...	...	...	...	...	...	...	...	...	...	...	040 03	040 03	100 03	105 03	135 05	335 10	325 21	295 31	...	...
Chittagong ...	170 14	170 18	170 17	165 30	...	...	...	...	...	235 22	245 27	240 25	...	175 06	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar																										
Dacca ...	165 12	115 13	115 13	130 13	145 17	160 25	145 14	...	145 15	115 19	145 27	160 22	190 2/	180 12	...	135 12	100 15	...	070 26	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	135 09	135 15	125 13	135 10	150 10	175 10	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	230 04	220 04	160 02	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jahurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad																										
Jessore ...	125 00	135 21	145 10	145 13	145 20	120 11	130 30	030 7	...	180 11	225 09	200 07	200 05	220 07	310 12	115 05	160 03	225 04	240 06	230 C6	360 05	335 07	...	320 15	...	...
Jhelam ...										195 05	200 10	180 01	195 04	255 03	230 01	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	185 11	...	...	...	...	...	...	...	...	190 09	200 07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	...	...	...	...	...	...	...	...	...	275 15	255 17		...													
Khanpur ...	...	...	...	...	...	...	...	...	...	205 12	215 08	210 08	210 01	230 10	270 21	265 14	255 16	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	280 11	310 12	310 08	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	...	...	...	...	...	...	...	...	...	...	135 05	185 06	075 02	040 04	005 06	...	...	...	...	...	...	...	...	...	...	...
Multan										150 15	175 11	185 10	...	290 8/	...	350 12	015 14	015 10	335 18	...	...	...	...	...	...	...
Nawab Shah ...	170 10	180 08	235 09	265 05	305 05	015 14	010 12	355 12	315 08	...	...	...	...	...	...	095 07	115 07	110 03	...	...	...	...	...	...	...	...
Nokkundi ...	...	...	305 12	325 12	345 05	035 10	325 13	295 07	350 12	...	340 23	335 23	335 13	...	...	...	...	...	...	...	...	...	...	...	...	...
Pasigur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	045 03	090 06	185 10	230 05	295 17	300 21	305 29	...	...	...	...	...	...	...	...	035 05	180 04	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	290 02	175 03	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	315 06	290 13	245 05	015 10	305 16	...	...	...	...	300 07	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	...	...	...	...	...	...	...	...	...	170 06	155 05	150 05	280 04	270 05	...	070 09	080 12	080 07	/// //	350 6/	290 12	300 14	310 25	290 15	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	075 03	070 05	080 04	125 10	165 03	...	...	...	...	...	...
Varevel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

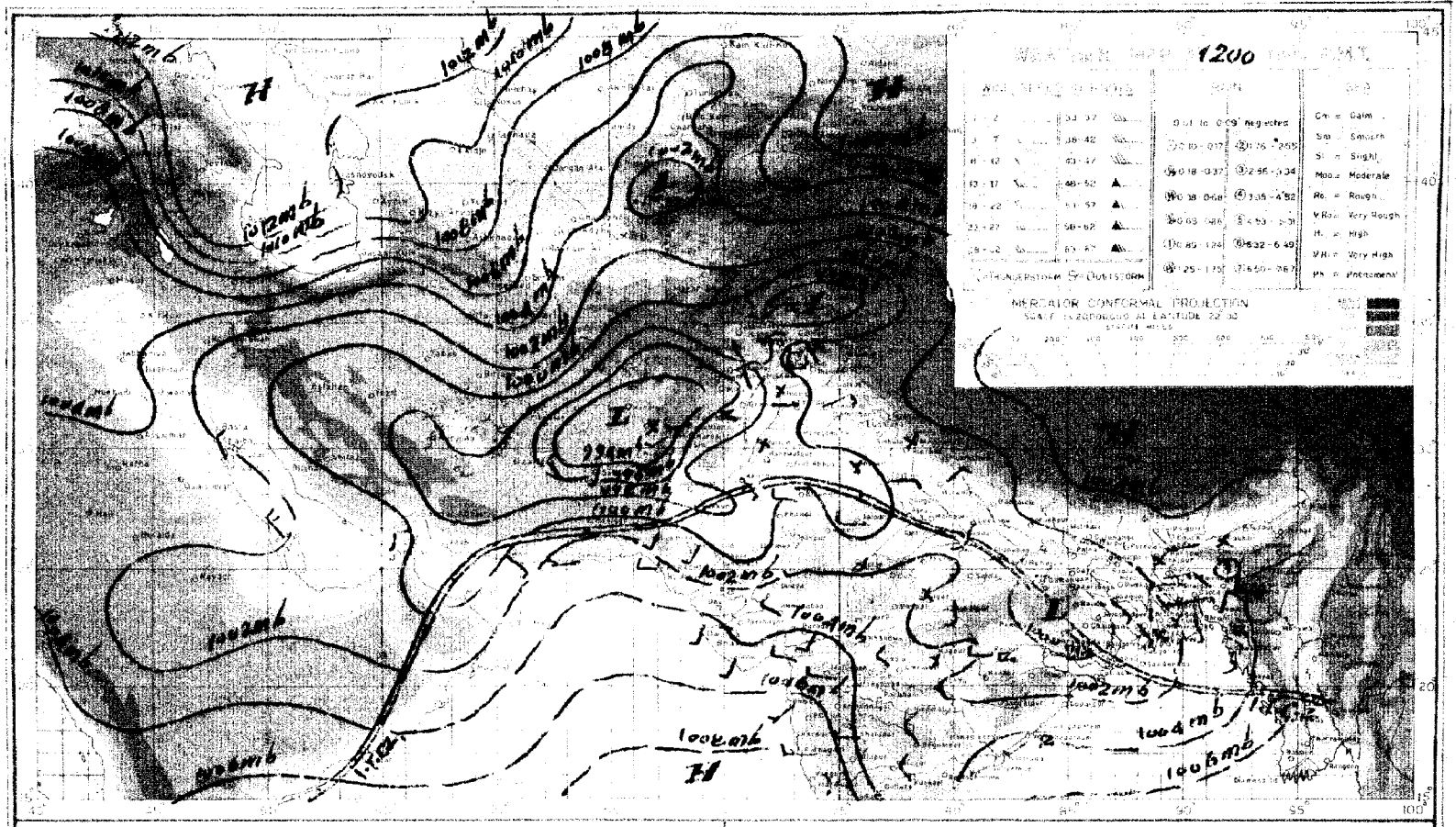
The actual time of observations may vary within half an hour of the specified time.

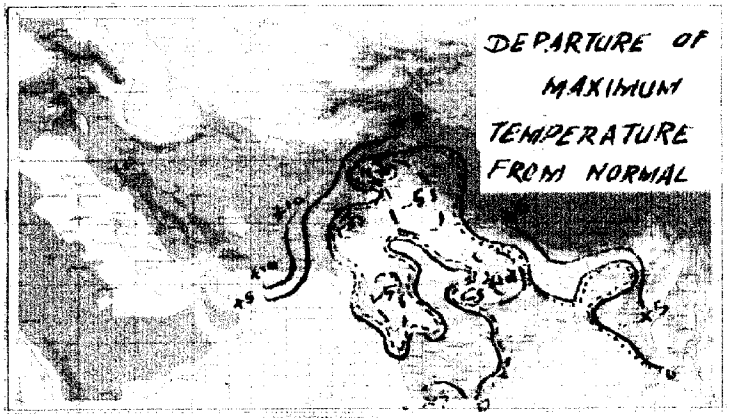
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "ff" in knots or in knots increased by 500.

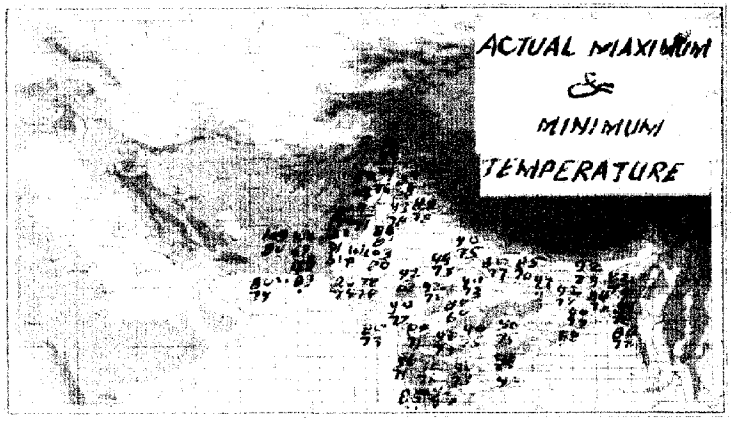
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

PAKISTAN DAILY WEATHER MAP

FRIDAY 3rd SEPTEMBER. 1971

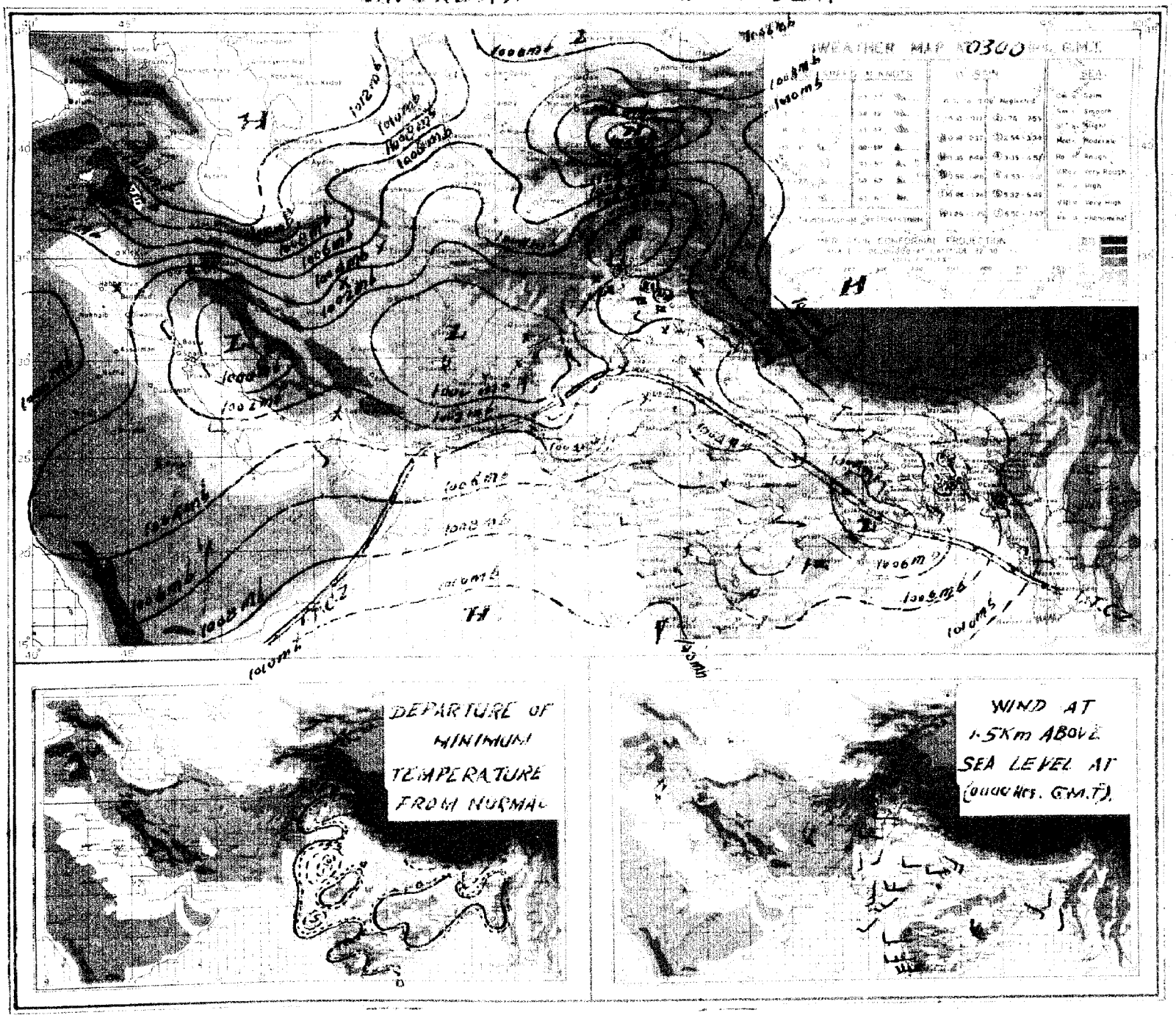






PAKISTAN DAILY WEATHER MAP

SATURDAY 4th SEPTEMBER, 1971



Pages 1—2 Rs. 3/- per month
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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

2-FEB 9
1972

SUNDAY THE 5th SEPTEMBER, 1971.

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

Data from west Bengal, Orissa and adjoining areas absent but believe yesterday's trough over northwest angle Bay of Bengal persists and is remarked. Rain/thundershowers have been widespread in Chittagong, Dacca and Khulna divisions and local in Rajshahi division.

The secondary western disturbance over East Russian Turkistan is slowly moving eastwards, under its influence the westerly low pressure wave over Kashmir and adjoining areas persists.

Rain/thundershowers have been widespread in Lahore division, fairly widespread in Rawalpindi division, local in Sargodha, D. I. Khan and Peshawar divisions. Scattered thunderstorms have also been reported from Malakand division.

Chief amounts of rainfall are Barisal 3", Bhola and Hatiya 2" each, Maijdee Court, Chittagong and Cox's Bazar 1¾" each, Khushab and Risalpur 1" each, Lahore and Campbellpur ½" each, Satkhira, Rajshahi, Rawalpindi and Cherat ¼" each.

Day temperatures were by 3—8 °F (2—4 °C) above normal in Malakand. Quetta and Kalat divisions and to the same extent below normal in Dacca, Rajshahi, Sialkot, Rawalpindi, Sargodha and Peshawar divisions

Forecast valid until the evening of the 6th September, 1971 :—Rain/thundershowers will be fairly widespread over East Pakistan and in Lahore, Rawalpindi, Sargodha, Malakand and Peshawar divisions and in Kashmir, scattered in Multan, D. I. Khan and Quetta divisions. A few falls of light rain/drizzle are also likely in Karachi and Hyderabad divisions.

Karachi-32
The 5th Septambre, 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 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 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)	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	9	8	18	02	96	03	2	034	83	5	1	5	2	1	83	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Cox's Bazar	005	0	8	12	06	96	50	2	060	79	4	4	3	2	0	77	87	137	9	8	12	10	93	80	6	096	74	5	3	4	6	0	74	74	+ 1	— 1				140
	Chittagong	061	3	8	18	06	96	97	9	059	79	7	9	3	2	/	77	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—				108
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	130	6	8	13	06	95	63	6	064	77	6	7	5	7	0	74	74	—	— 3				115
	Comilla	...																																							94
	Brahmanbaria	...																																							78
	Sylhet	010	9	6	27	05	97	02	6	039	84	2	2	6	0	1	//	88	009	8	0	/	//	97	02	6	093	80	5	4	3	0	0	//	75						—
	Srimangal	...																																							98
Dacca	Mymensingh	000	0	5	00	00	97	02	2	051	83	5	5	5	0	0	79	85	000	0	5	13	02	97	02	0	087	83	5	5	5	0	0	77	77	— 3	— 1				91
	Narayanganj	000	0	8	13	02	90	03	2	048	84	6	6	4	3	1	77	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—				74
	Dacca (Tejgaon)	010	9	7	13	02	97	02	6	047	83	5	9	4	4	3	74	84	006	9	7	13	02	96	21	6	074	79	6	9	3	7	0	77	77						—
	Faridpur	000	0	5	16	02	96	02	2	032	87	3	4	5	1	0	79	89	005	0	8	/	05	97	02	2	066	80	6	4	5	1	0	77	75	+ 1	— 4				71
Khulna	Barisal	000	0	5	12	09	96	21	6	033	83	3	4	5	3	7	79	//	250	7	8	18	05	96	63	6	076	74	6	6	3	2	1	75	75	—	— 3				81
	Khulna																																								68
	Satkhira	000	0	4	00	00	97	02	1	033	85	3	2	5	1	2	79	89	020	0	8	09	05	97	10	5	061	79	8	7	9	0	0	79	79						65
	Jessore	014	5	6	09	07	96	02	6	039	83	4	6	4	2	0	74	88	003	0	7	11	07	97	02	2	058	80	3	6	3	7	0	74	79	— 1	0				65
Rajshahi	Pabna	000	0	3	09	05	99	01	1	//	83	2	2	6	0	0	77	86	000	9	5	09	05	99	03	9	///	63	5	8	6	0	0	79	79						73
	Sirajganj	000	0	6	13	03	97	01	2	018	85	6	4	4	0	0	79	89	000	0	7	13	09	98	02	2	074	80	7	4	4	0	0	77	80	— 1	+ 1				59
	Rajshahi	000	0	4	09	03	96	02	2	039	86	2	2	5	0	/	77	89	023	4	8	09	05	96	01	6	060	83	4	3	5	3	0	79	76						64
	Bogra	000	0	6	00	00	96	01	2	041	83	2	4	5	3	/	74	84	000	0	7	05	07	96	02	2	069	80	5	5	5	3	0	75	75	— 5	— 3				69
	Dinajpur	004	2	3	00	00	96	01	6	037	79	3	0	9	2	/	74	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2	—				73
	Rangpur	000	0	4	09	02	96	03	0	028	83	4	0	9	1	0	79	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3	—				84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Jail Rd.)	065	6	2	00	00	97	01	9	022	85	2	0	9	7	0	70	98	065	0	2	13	02	97	03	0	062	79	2	5	7	0	0	72	71	— 9	— 6	10.1	— 2.9	14.2	19
	Sialkot	003	6	1	23	02	98	02	6	021	84	0	0	9	0	1	76	85	003	0	0	00	00	98	02	0	066	78	0	0	9	0	0	74	72	— 9	— 5	23.2	+ 2.3	33.0	32
Rawalpindi	Jhelum	034	0	1	13	02	98	02	0	011	87	...	1	7	0	0	71	91	000	0	5	00	00	98	03	1	055	76	5	0	9	7	0	74	72			3.7	—	20.2	—
	Islamabad																																								36
	Rawalpindi	000	0	1	00	00	97	02	0	011	94	1	1	6	0	0	63	97	000	0	0	23	03	96	02	0	034	73	0	0	9	0	0	72	79	+ 4	+ 6	31.6	+11.0	35.6	
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	061	3	4	05	02	97	00	0	///	76	0	0	9	0	0	76	//						
Sargodha	Khushab	000	0	0	00	00	97	06	0	007	91	0	0	9	0	0	84	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		—	2.7	— 6.5	2.8	15
	Sargodha	000	0	1	11	05	98	02	1	008	86	1	1	6	0	0	73	91	000	3	7	05	05	95	29	9	043	78	1	5	6	3	0	75	75			9.2	—	12.2	—
	Lyallpur	000	0	0	00	00	97	00	0	999	88	0	0	9	0	0	58	96	000	0	5	36	02	97	02	1	062	81	6	4	7	0	0	71	77	— 1	— 1	5.4	— 2.8	8.6	12
Multan	Sahiwal	...																																							10
	Multan	000	0	4	13	02	96	06	2	998	95	1	5	6	3	0	73	98	000	0	3	36	05	96	01	0	156	//	7	5	9	0	5	69	82	— 3	+ 1	4.6	+ 0.1	5.2	7
	Lodhi	000	0	0	36	02	95	00	0	979	78	0	0	9	0	0	65	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
Bahawalpur	Khanpur	000	0	0	36	03	96	02	0	990	99	0	0	9	0	0	72	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			1.1	— 3.7	1.5	8
	Bahawalpur	000	0	0	00	00	96	00	0	014	96	0	0	9	0	0	64	98	000	0	0	00	00	96	00	0	028	95	0	0	9	0	0	71	86			0.9	— 4.1	2.1	6
	Fort Abbas	000	0	0	00	00	98	00	0	045	98	0	0	9	0	0	62	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						6
Malakand	Chakdara	...																																							8
Peshawar	Peshawar	000	0	1	05	05	97	02	0	995	89	1	6	3	0	/	70	92	000	0	5	09	02	97	01	2	058	76	3	3	6	3	0	67	75	— 7	— 1	6.5	+ 2.8	16.0	—
	Haripur	000	0	0	13	03	98	00	0	017	88	0	0	9	0	0	71	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			24.5	—	32.4	11
D. I. Khan	Bannu	020	0	4	16	01	99	03	1	016	91	3	2	7	2	0	66	94	000	0	5	00	00	98	01	9	076	78	3	2	7	7	0	71	78			4.9	—	7.3	—
	D. I. Khan	000	0	1	//	02	97	03	2	103	91	4	0	9	7	0	75	//	000	2	8	05	03	97	95	9	055	74	5	9	6	2	0	70	73	—	— 6	1.8	— 4.2	4.0	11
Quetta	Sibi	...																																							9
	Nokkundi	000	0	0	36	26	95	05	4	945	04	0	0	9	0	0	55	06	000	0	0	31	24	97	02	4	014	85	0	0	9	0	0	43	75	—		0.0	—	0.2	5
Kalat	Turbat	000	0	0	28	02	98	00	0	082	11	0	0	9	0	0	86	//	000	0	0	18	02	98	00	0	054	83	0	0	9	0	0	73	82			0.0	—	0.0	2
	Jiwani	000	0	2	18	12	96	02	2	022	15	2	2	5	0	0	73	88	008	2	7	18	03	96	21	5	055	79	5	6	5	2	0	75	78			0.0	—	1.5	—
	Pasni	000	0	0	27	02	97	00	0	942	76	0	0	9	0	0	67	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	—	0.0	5
	Gwadar	000	0	1	20	12	96	02	2	016	85	1	6	6	0	0	73	90	000	0	6	27	05	96	02	2	054	81	6	6	6	0	0	75	74			0.0	—	0.0	6
	Lasbela	///	/	0	13	01	98	00	0	017	00	0	0	9	0	0	73	//	000	0	3	00	00	98	02	0	047	81	0	0	9	0	0	75	78						8
Karachi division	Karachi (Manora)	...																																							8
	Karachi (Airport)	000	0	7	27	09	96	02	2	977	84	7	6	5	0	0	77	87	000	0	6	27	03	96	03	2	055	82	4	5	5	3	0	76	79	— 1	0	2.5	—	2.6	—
Hyderabad	Nagarparker	...																																							7
	Chhor	000	0	4	23	14	96	11	1	009	90	4	2	6	0	0	73	93	000	0	0	23	03	96	00	0	040	85	0	0	9	0	0	//	75						9
	Hyderabad	000	0	0	23	07	97	02	0	014	92	0	0	9	0	0	72	99	000	0	0	23	07	97	02	0	042	83	0	0	9	0	0	73	79	+ 2	+ 1	1.9	—	2.4	
	Badin	000	0	7	23	10	96	03	1	030	88	7	4	6	0	0	73	92	000	0	2	23	03	96	03	1	058	81	2	6	5	0	0	75	78			1.6	—	1.7	
Khairpur	Padidan	...																																							—
	Nawabshah	000	0	0	18	12	96	02	0	995	90	0	0	9	0	0	76	03	000	0	0	13	12	96	02	0	030	82	0	0	9	0	0	73	76			0.6	—	0.6	—
	Sukkur	000	0	0	//	//	96	02	0	984	01	0	0	9	0	0	74	02	000	0	2	27	03	97	02	0	047	81	2	2	6	0	0	74	75			1.8	—	2.2	4
	Kashmore	000	0	0	23	02	98	02	0	990	99	0	0	9	0	0	73	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	—	0.0	
	Jacobabad	000	0	0	13	07	97	02	0	987	99	0	0	9	0	0	75	99	000	0	2	13	05	97	01	1	030	84	2	0	9	0	3	74	82	— 5	+ 2	2.6	—	2.4	4
Junagadh	Veraval	...																																							20
	HILL STATIONS																																								26
Kashmir	Srinagar *	...																																							—
	Gulmarg *	...																																							71
	Sonamarg *	...																																							26
	Dras *	...																																							3
	Leh *	...																																							6
	Skardu *	...																																							—
	Misgar *	...																																							5
	Aliabad *	...																																							59
	Gilgit *	...																																							16
Rawalpindi	Murree *	...	000	0	7	31	02	97	02	1	447	67	7	8	3	0	0	60	74	008	2	7	27	02	97	02	9	427	59	7	5	4	0	0	50	55	— 2	— 5	38.3	+ 6.8	46.7	29
Malakand	Drosh *	...	000	4	2	23	12	99	01	9	395	89	2	1	7	0	0	35	94	000	0	5	23	05	//	02	2	456	72	4	8	7	6	0	53	//	— 3	—	1.0	—	10.2	—
Peshawar	Cherat *	...	000	0	2	18	05	98	01	2	449	76	2	1	8	0	0	67	79	004	2	4	18	05	96	50	6	469	64	4	2	8	0	0	64	63	— 7	— 5	11.2	+ 0.8	18.1	—
	Kakul *	...	004	6	3	02	05	98	01	9	450	77	2	2	6	0	0	57	80	000	3	6	09	07	97	81	9	472	67	5	3	5	3	0	63	63			39.5	—	43.0	29
	Landikotal *	...	000	0	3	18	05	98	02	2	432	82	3	2	/	0	3	72	87	000	0	4	09	05	97	02	2	474	74	4	2	/	0	0	67	//			10.6	—	20.5	18
	Parachinar *	...	058	3	5	16	03	97	17	9	451	74	5	9	6	0	0	60	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3	—	10.5	—	16.1	11
D. I. Khan	Miranshah *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	05	99	00	0	390	78	0	0	9	0	0	71	71			3.8	+ 0.1	4.8	13
	Wana *	...																																							—
Quetta	Fort Sandeman *	...	000	0	5	26	17	97	03	0	414	89	5	4	7	0	0	50	94	000	0	4	05	08	97	03	0	459	73	4	7	0	0	0	65	71	— 2	+ 1	1.9	— 2.8	3.2	9
	Hindubagh *	...	000	0	1	20	05	98	02	0	///	90	1	0	9	0	1	42	93	000	0	0	22	02	98	02	0	///	71	0	0	9	0	0	61	63			0.3	—	2.3	—
	Loralai *	...																																							14
	Barkhan *	...																																							9
	Harnai *	...	000	0	0	31	01	96	02	0	441	94	0	0	9	0	0	44	03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	—	0.2	8
	Sanjawi (Quetta) *	...	000	0	1	31	05	96	02	0	422	92	1	2	6	0	0	65	93	000	0	0	00	00	96	05	...	459	73	0	0	9	0	0	47	//	+ 4	—	0.0	— 0.9	3.7	—
	Chaman *	...	000	0	0	00	00	96	00	0	416	96	0	0	9	0	0	52	97	000	0	0	00	00	98	00	0	434	72	0	0	9	0	0	47	//	+ 4	—	0.0	—	2.0	—
	Nushki *	...	000	0	0	27	03	97	02	0	478	01	0	0	9	0	0	44	03	000	0	0	00	00	97	02	0	492	83	0	0	9	0	0	//	77			0.0	—	1.5	4
	Dalbandin *	...	000	0	0	18	07	94	05	0	436	03	0	0	9	0	0	//	05	000	0	0	22	02	95	05	0	441	78	0	0	9	0	0	77	71	+ 2	+ 6	0.0	— 0.3	0.5	7
Kalat	Kalat *	...	000	0	0	13	00	92	00	2	428	85	0	0	9	0	0	53	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3	—	0.0	—	1.4	—
	Khuzdar *	...	000	0	0	13	03	96	02	0	487	01	0	0	9	0	0	//	05	000	0	0	00	00	96	05	0	441	76	0	0	9	0	0	65	73			1.4	—	2.0	—
	Panjgur *	...	000	0	0	31	07	96	02	0	444	00	0	0	9	0	0	//	90	000	0	0	23	03	96	02	0	451	75	0	0	9	0	0	69	72	—	+ 4				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.

9 837-S

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 5th SEPTEMBER, 1971

WIRELESS REPORTS FROM SHIPS

Ship [illegible] $L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$	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 04	10 6 38	04 1 23	82 1 11	9/ 8 22	06 0 2/	85 5 //	/////	...	...	0 / / /2	12 6 60	30 4 03	...

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G. M. T.	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	005 244 10	...	500 184 20	140 106 /3	587 037 16	761 133 56	974 267 59	...	...	...	...	...	...
Dacca ...	00 00	005 258 15	...	450 164 09	078 060 24	577 078 47	748 171 59	959 309 58	233 511 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	002 264 32	...	450 238 57	133 150 65	586 055 69	759 142 //	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	964 238 33	...	400 200 39	112 122 57	585 033 //	759 111 //	976 217 //	265 375 //	400 473 //	...	...	...	...
Quetta ...														
Sargodha ...														

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 ...	00 00	668 060 39	600 000 35	...	...	...	...	...	...	...	...	...	...
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 ...	150 06	160 09	160 13	160 12	190 08	179 09	...	...	...
Chaklala ...	...	150 02	125 04	095 04	020 03	290 07	300 14	280 12	290 17
Chhor ...	220 27	225 30	220 24	185 15	160 14	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...
Dacca ...	110 08	140 12	150 16	150 24	135 19	160 07	155 15	155 17	155 12
Dalbandin ...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	140 06	155 08	155 05	145 10	170 15	185 16	335 03	030 03	310 21
Drosh ...	...	...	...	...	235 19	235 17	110 04	210 20	310 3/
Fort Sandeman ...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	140 13	135 15	150 15	160 06	195 11	120 11	300 19	310 17	330 14
Jessore ...	115 16	125 19	130 22	125 21	155 15	...	...	...	...
Jhelum ...	170 04	160 06	155 05	308 06	315 12	325 12	250 16	265 10	275 15
Jiwani ...	195 13	176 07	295 07	020 05	090 05	025 15	030 08	345 10	030 08
Karachi ...	245 19	240 16	240 08	...	...	...	...	...	...
Khanpur ...	350 04	345 04	345 06	335 03	335 03	110 05	180 05	145 06	115 12
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	055 04	080 04	085 04	003 08	320 11	320 16	210 20	340 22	335 19
Multan ...	130 09	125 06	130 06	120 07	095 07	...	...	...	...
Nawab Shah ...	160 07	195 07	200 05	115 05	035 06	355 06	010 06	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	210 06	170 04	300 10	300 13	280 10
Sargodha ...	120 05	155 06	190 04	270 03	330 05	330 11	310 21	...	...
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 ...	120 16	130 23	...	...	...	...
Chaklala ...	No	Ascent	...	...	...	...
Chhor ...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...
Dacca ...	140 15	155 12	160 11	...	160 15	...
Dalbandin ...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	235 08	225 09	210 08
Fort Sandeman ...	...	...	...	955 03	200 10	280 03
Gilgit ...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...
Jacobabad ...	150 06	205 03	205 02	175 05	295 06	265 11
Jessore ...	...	...	...	...	...	...
Jhelum ...	025 06	100 13	105 11	015 04	350 07	320 09
Jiwani ...	...	...	...	...	...	...
Karachi ...	275 15	260 18	260 19	290 14	335 07	320 05
Khanpur ...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...
Lahore ...	...	...	...	...	...	...
Multan ...	...	...	...	...	...	...
Nawab Shah ...	175 20	200 19	...	175 07	070 01	130 09
Nokkundi ...	No	Ascent	205 06	...	...	...
Panjgur ...	...	...	...	315 12	330 10	350 25
Peshawar ...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...
Quetta ...	...	...	...	...	250 06	250 09
Sargodha ...	290 33	275 28	...	105 04	...	...
Skardu ...	...	...	...	...	...	...
Sylhet ...	165 04	175 13	180 20	...	180 20	...
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 ...	210 01	205 01	...	320 34	275 03	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	145 17	150 24	170 33	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...	...	...
Dacca ...	145 16	150 21	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	105 04	095 11	085 10	005 10	...	...	...	...	...	...	...
Multan ...	040 13	040 14	050 16	050 17	065 05	...	...	...	...	...	...
Nawab Shah ...	205 02	355 03	060 04	105 05	...	...	...	...	...	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	250 04	195 04	180 11	180 09	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	030 06	075 06	085 04	045 04	355 02	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	090 85	170 10	185 13	190 13	180 10	...	...	...	...	...	...
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

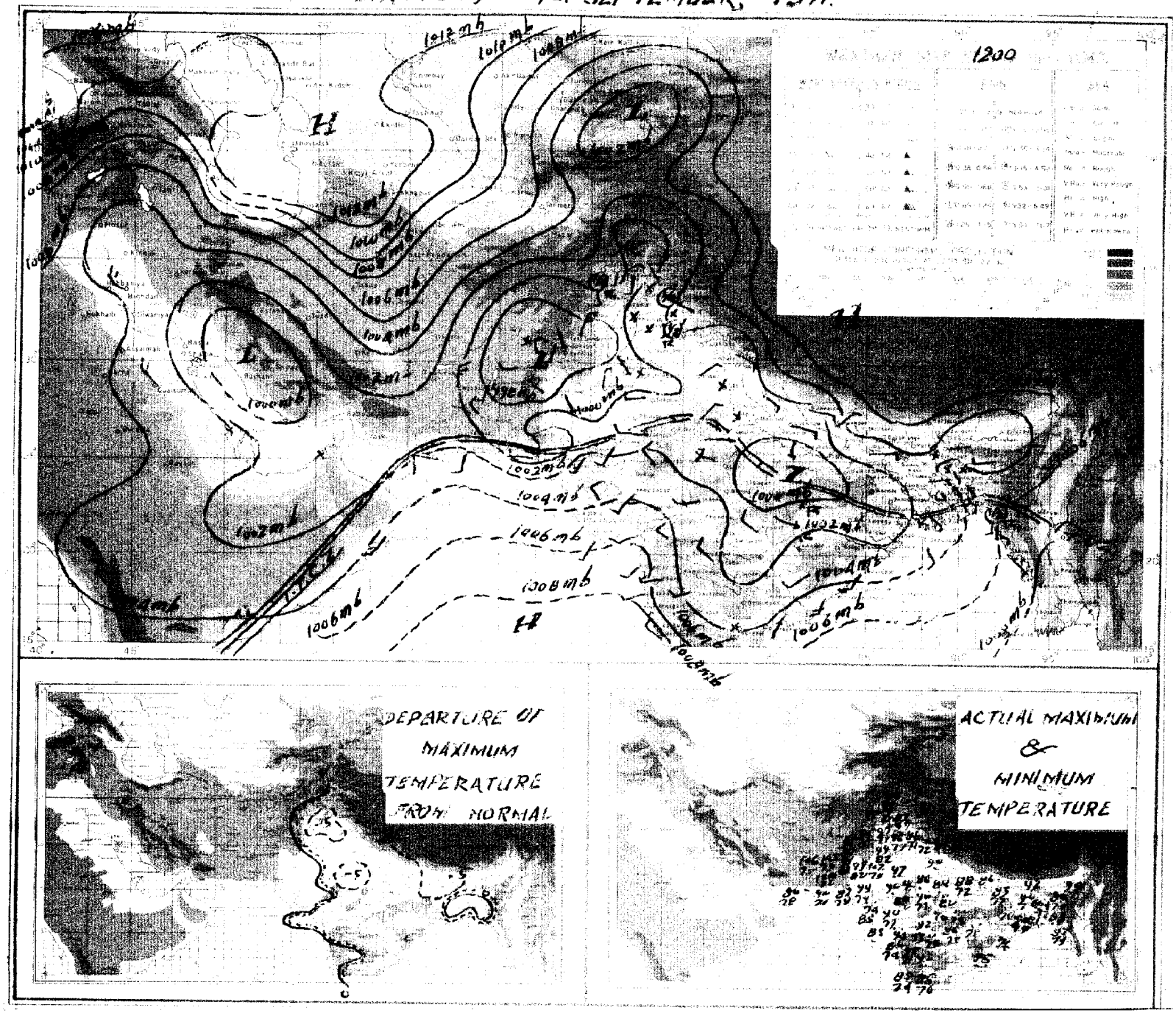
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East

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.

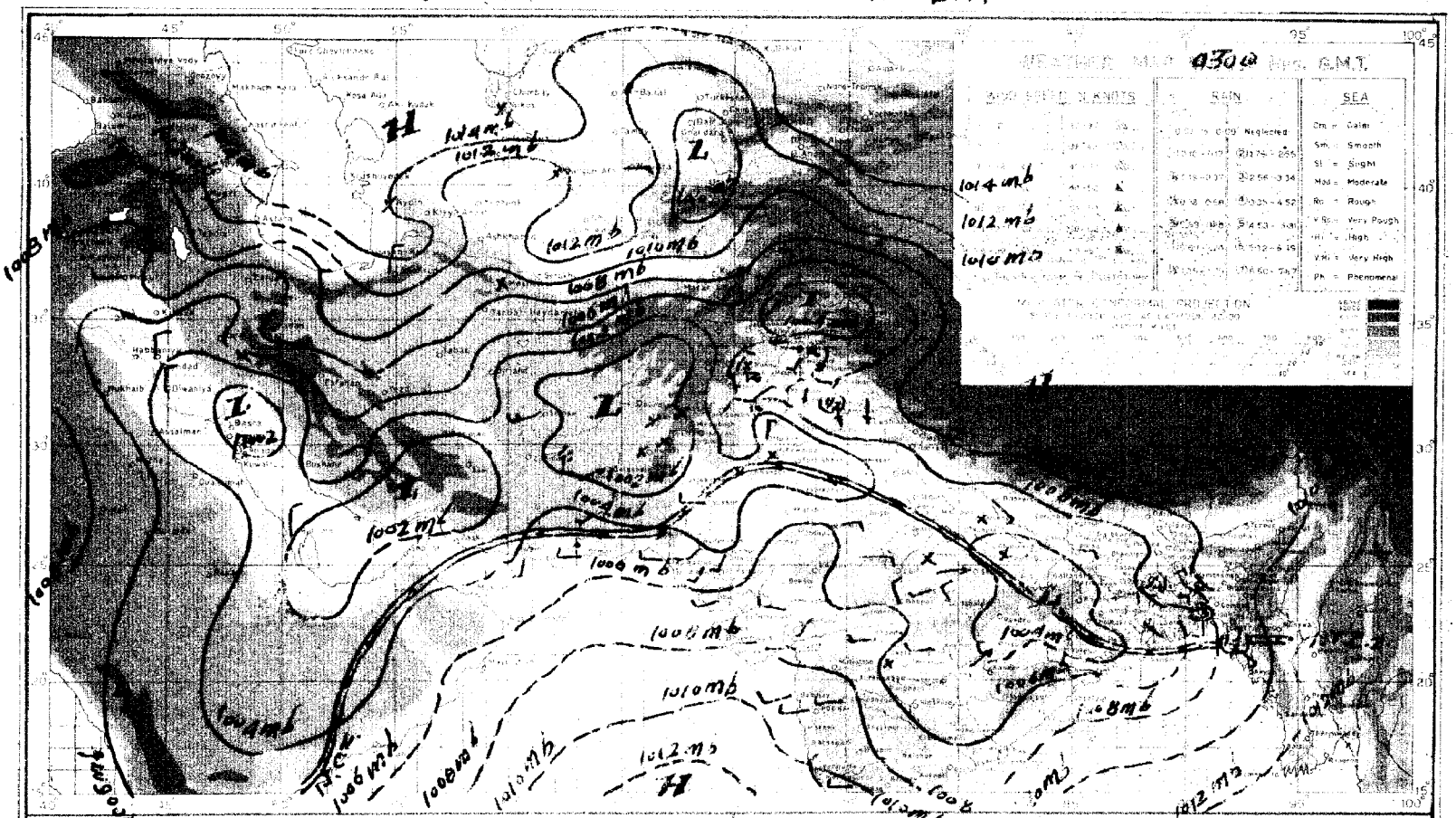
PAKISTAN DAILY WEATHER MAP

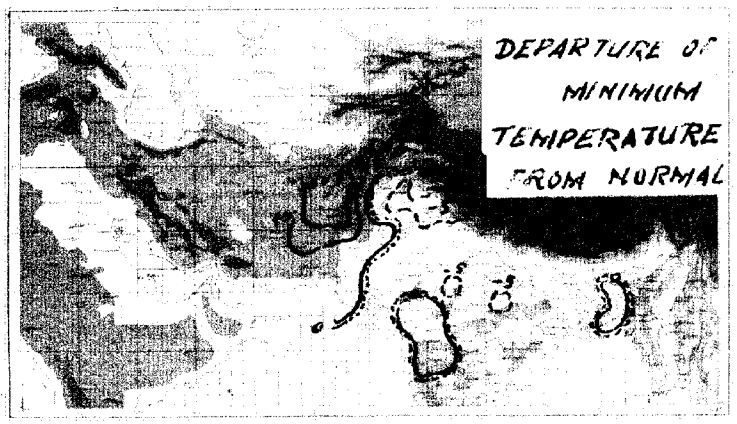
SATURDAY 4th SEPTEMBER, 1971.

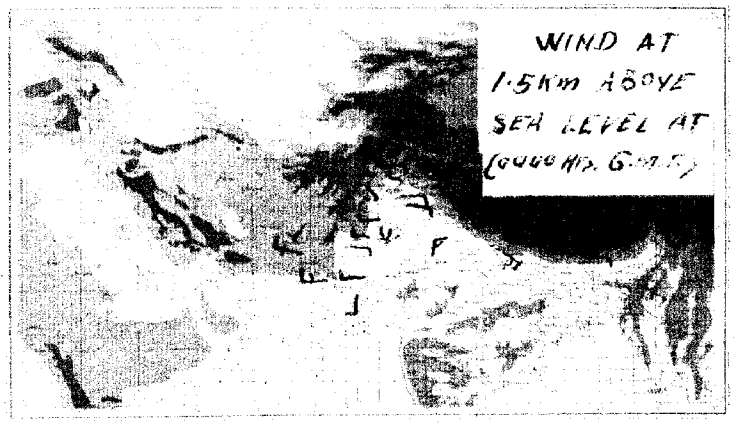


PAKISTAN DAILY WEATHER MAP

SUNDAY 5th SEPTEMBER, 1971.







Pages 1—2 Rs. 3/- per month
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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

MONDAY THE 6th SEPTEMBER, 1971.

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

2 - FEB 9
Copy 1972

Yesterday's well marked trough extending into the northwest angle Bay of Bengal moved inland and now lies as a low over Bihar and west Bengal.

Another low which lay over Madhya Pradesh and adjoining areas last evening has moved slightly westnorthwestwards.

Rain/thundershowers have been fairly widespread over East Pakistan.

A trough of low which appeared over southwest Rajasthan and adjoining Hyderabad and Khairpur divisions last evening is now less marked.

Yesterday's, secondary western disturbance over East Russian Turkistan has moved away eastwards.

The westerly low pressure wave over Kashmir and adjoining areas is also moving away eastwards.

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

Scattered thunderstorms/showers have occured in Rawalpindi, Sargodha, Bahawalpur, Peshawar and D. I. Khan divisions and a few falls of light rain/drizzle in Kalat, Quetta and Hyderabad divisions.

Chief amounts of rainfall are Pabna and Sirajganj 3" each, Sylhet and Bogra 2" each, Dacca, Narayanganj and Satkhira 1½" each, Jessore, Bhola and Isburdi 1" each, Cox's Bazar and Barisal (upto 0000 GMT) ¾" each, Chittagong and Faridpur ½" each and Maijdee Court and Rangamati ¼" each.

Day temperatures were generally 3—9 °F (2—5 °C) below normal in East Pakistan and in Lahore, Rawalpindi, Sargodha, Multan and Peshawas divisions.

Forecast valid until the evening of the 7th September, 1971 :—Rain/thundershowers will be fairly widespread over East Pakistan local in Lahore, Rawalpindi, Sargodha and Peshawar divisions with a few moderate to heavy falls and scattered in Kashmir and in Malakand, D. I. Khan, Multan, Bahawalpur and Khairpur divisions. Light rain/drizzle may also fall at a few places in coastal Kalat, Hyderabad and Karachi divisions.

Karachi-32
The 6th Septambre, 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	010	7	7	28	09	57	02	6	084	81	5	7	5	7	1	73	84
	Cox's Bazar	134	9	8	13	05	56	52	5	018	77	5	4	3	4	0	75	79
	Chittagong	005	6	8	13	12	96	60	6	078	77	5	5	3	2	/	76	82
	Maijdee Court	080	9	1	//	//	96	03	6	///	81	2	2	5	2	0	77	86
	Comilla																	
	Brahmanbaria																	
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Srimangal	009	9	7	00	00	96	17	9	065	79	4	5	3	3	2	79	88
Dacca	Mymensingh	080	8	6	13	02	97	02	5	061	82	6	5	4	0	8	79	84
	Narayanganj	085	1	8	13	04	96	03	6	051	81	6	5	3	3	1	41	//
	Dacca (Tejgaon)	028	8	7	13	07	97	02	6	050	81	5	6	4	3	0	75	82
	Faridpur	080	8	4	16	05	96	02	0	041	81	6	4	5	1	0	77	83
Khulna	Barisal	007	8	7	20	13	96	01	6	049	81	6	7	4	2	0	79	81
	Khulna																	
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	040	3	7	25	08	96	50	6	040	79	6	9	3	2	0	79	85
Rajshahi	Pabna	000	0	4	13	09	98	01	1	///	82	4	6	5	0	0	75	88
	Sirajganj	088	0	4	08	05	98	82	2	018	84	7	4	4	0	8	79	90
	Rajshahi	008	0	6	13	03	96	02	2	030	84	4	4	5	0	0	75	90
	Bogra	025	3	6	13	03	97	01	6	031	79	4	6	4	3	0	77	86
	Dinajpur	011	6	8	18	14	96	03	2	031	82	8	6	3	3	/	79	86
	Rangpur	004	1	5	09	02	96	21	6	025	82	2	5	6	1	0	62	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sialkot	000	0	1	27	02	98	01	1	023	90	1	7	7	0	0	74	91
Rawalpindi	Jhelum	000	0	1	08	03	98	01	1	017	90	1	1	7	0	0	73	91
	Islamabad																	
	Rawalpindi	000	0	2	00	00	97	01	1	021	84	1	1	6	3	0	70	94
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha	Khushab	000	0	0	00	00	98	00	0	027	86	0	0	9	0	8	77	97
	Sargodha	000	0	2	09	02	97	01	0	027	88	1	1	6	3	0	75	90
	Lyallpur	000	0	5	29	02	97	02	1	023	87	5	0	9	4	0	58	95
Multan	Sahiwal																	
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Leiah																	
Bahawalpur	Khanpur	000	8	3	36	02	96	03	0	023	99	3	3	6	0	0	77	81
	Bahawalpur	000	0	0	08	03	96	00	0	002	97	0	0	9	0	0	89	93
	Fort Abbas																	
Malakand	Chakdara	000	0	1	27	07	97	03	5	992	88	1	1	7	0	0	70	90
Peshawar	Peshawar	000	0	2	36	05	97	02	9	018	87	1	1	6	0	3	71	90
	Haripur	000	4	4	31	03	99	03	2	993	90	4	1	6	0	0	16	94
D. I. Khan	Bannu	010	6	3	//	01	99	01	9	041	88	0	0	9	7	0	71	69
	D. I. Khan	082	8	2	05	02	97	03	9	032	90	1	1	7	3	0	73	91
Quetta	Sibi																	
	Nokkundi	000	0	0	23	03	95	05	0	///	00	0	0	9	0	8	15	03
Kalat	Turbat	000	0	0	08	01	98	02	0	105	98	0	0	9	0	0	98	96
	Jiwani	000	0	0	20	12	96	01	1	031	85	0	0	9	0	0	73	88
	Pasni	000	0	0	27	02	97	00	0	142	//	0	0	9	8	0	67	//
	Ormara	000	0	1	27	12	96	02	2	016	86	3	6	6	0	0	79	88
	Lasbela	000	0	0	23	03	98	00	0	017	//	0	0	9	0	0	73	//
Karachi division	Karachi (Manora)																	
	Karachi (Airport)	000	0	6	23	09	96	03	1	031	85	3	6	5	3	0	79	89
Hyderabad	Nagarparker																	
	Chhor																	
	Hyderabad	000	0	0	23	05	97	02	0	012	93	0	0	5	0	0	69	98
	Badin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khairpur	Padidan	000	0	1	32	02	96	02	0	990	81	9	0	8	9	0	67	04
	Nawabshah	000	0	8	13	10	96	02	0	001	00	0	0	9	0		73	02
	Sukkur	000	0	4	09	03	97	03	0	016	98	4	2	6	0	8	75	99
	Kashmore	000	0	8	23	12	98	02	0	///	//	8	8	9	0	8	73	81
	Jacobabad	000	0	0	13	07	97	02	0	982	96	0	0	9	0	0	75	99
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	080	0	6	31	05	97	01	1	456	66	6	9	3	8	8	60	69
Malakand	Drosh *	008	0	6	23	12	97	02	1	429	//	5	8	7	6	0	36	93
Peshawar	Cherat *	000	0	4	18	07	97	01	7	440	74	4	2	8	0	8	61	75
	Kakul *	000	0	3	13	07	95	05	1	454	75	2	4	5	3	0	63	79
	Landikotal *	000	0	1	04	05	98	01	2	442	83	1	2	8	6	0	68	87
	Parachinar *																	
D.I. Khan	Miranshah *	000	0	0	05	05	98	08	0	397	85	0	0	9	0	0	72	86
	Wana *	025	0	3	00	00	98	98	8	381	75	3	8	8	0	0	04	78
Quetta	Fort Sandeman *	000	0	4	13	07	97	02	1	438	84	4	4	7	0	0	49	89
	Hindubagh *	000	0	2	25	05	97	02	0	///	89	2	0	9	3	0	74	92
	Loralai *																	
	Barkhan *																	
	Harnai *	000	0	0	23	01	96	02	0	446	72	0	5	7	/	/	69	96
	Samungli (Quetta) *	000	0	0	27	02	96	02	0	427	91	0	0	9	0	0	65	93
	Chaman *	000	0	0	00	00	96	00	0	529	//	/	/	/	/	/	52	97
	Nushki *	000	0	0	27	03	97	02	0	478	01	0	0	9	0	0	44	02
	Dalbandin *	000	0	0	23	03	93	05	0	457	00	0	0	9	0	0	15	03
Kalat	Kalat *	008	8	0	23	32	94	00	2	429	83	0	0	9	0	0	55	87
	Khuzdar *	000	0	3	31	10	97	01	7	416	96	2	8	7	3	0	37	97
	Panjgur *	000	0	8	31	07	96	02	0	455	97	0	0	9	0	8	42	99

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	021	3	7	18	05	98	02	6	110	79	6	7	5	7	/	75	75
	Cox's Bazar	067	3	8	18	13	96	50	5	101	82	5	5	4	5	0	77	73
	Chittagong	040	9	7	13	10	96	29	9	101	79	5	9	4	2	0	77	75
	Maijdee Court	030	9	5	18	05	97	01	6	///	//	2	3	2	5	/	77	75
	Comilla																	
	Brahmanbaria																	
	Sylhet	000	0	0	25	05	97	02	6	095	73	5	3	5	2	/	75	73
	Srimangal	005	9	6	13	02	96	02	9	092	81	0	0	5	9	2	75	75
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narayanganj	175	9	8	13	02	57	03	2	065	81	8	6	3	/	/	79	77
	Dacca (Tejgaon)	147	9	7	18	02	96	21	6	072	81	5	9	4	7	0	77	75
	Faridpur	063	3	8	16	13	97	61	6	054	81	7	4	5	1	0	79	75
Khulna	Barisal	050	3	7	18	07	96	02	6	075	72	7	4	4	/	/	79	75
	Khulna																	
	Satkhira	170	0	8	07	05	97	60	6	///	77	8	7	9	0	0	77	75
	Jessore	041	4	8	18	10	96	61	6	040	77	6	7	3	2	1	75	75
Rajshahi	Pabna	268	9	7	18	09	97	01	6	///	79	7	7	6	0	0	77	77
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bogra	196	1	7	09	02	96	60	6	065	75	4	3	4	3	0	73	73
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangpur	016	6	7	13	05	96	03	6	073	81	7	0	9	2	2	75	75
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	97	03	0	050	82	1	1	7	0	8	75	77
	Sialkot	000	0	1	00	00	99	01	0	056	79	1	1	7	3	0	73	//
Rawalpindi	Jhelum	000	0	0	00	00	98	02	0	042	83	0	0	9	0	0	73	76
	Islamabad																	
	Rawalpindi	000	0	1	00	00	97	03	0	052	77	1	0	9	3	0	77	77
	Campbellpur	000	0	1	36	01	97	00	0	///	79	0	0	9	0	0	79	68
Sargodha	Khushab	000	0	0	00	00	97	00	0	053	85	0	0	9	0	0	76	//
	Sargodha	000	0	0	09	03	97	02	0	048	81	0	0	9	0	0	74	74
	Lyallpur	000	0	0	00	00	96	00	0	067	82	0	0	9	0	0	71	76
Multan	Sahiwal																	
	Multan	000	0	2	00	00	96	02	0	036	85	0	0	9	0	0	69	78
	Leiah																	
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Abbas																	
Malakand	Chakdara	000	0	4	00	00	97	03	0	040	73	0	0	9	0	7	64	//
Peshawar	Peshawar	000	0	7	00	00	97	03	0	052	77	1	0	9	3	0	77	77
	Haripur	000	0	0	05	03	98	00	0	034	75	0	0	9	0	0	69	72
D. I. Khan	Bannu	000	0	6	00	00	98	03	2	065	78	3	5	7	7	0	59	77
	D. I. Khan	000	0	6	09	02	97	02	1	052	81	2	5	6	1	0	76	73
Quetta	Sibi																	
	Nokkundi	000	0	0	31	17	96	02	4	028	82	0	0	9	0	0	41	75
Kalat	Turbat	000	0	0	23	02	98	00	0	063	//	0	0	9	0	0	71	//
	Jiwani	009	0	5	18	07	58	03	2	///	80	5	5	5	0	0	75	79
	Pasni	000	0	0	27	04	98	00	8	142	//	0	0	9	0	0	67	//
	Ormara	000	0	6	27	02	96	02	2	048	82	1	6	6	0	0	75	//
	Lasbela	000	0	4	00	00	98	00	0	047	62	0	0	9	0	0	76	80
Karachi division	Karachi (Manora)																	
	Karachi (Airport)	000	0	3	27	07	96	01	2	049	83	1	5	5	3	0	77	88
Hyderabad	Nagarparker																	
	Chhor	000	0	5	23	07	96	03	1	045	81	1	1	6	3	2	75	77
	Hyderabad	000	0	2	23	05	95	01	1	041	83	0	0	9	0	1	77	80
	Badin	000	0	3	23	05	96	03	1	///	81	2	4	6	4	0	75	78
Khairpur	Padidan	000	0	0	18	03	96	02	0	023	83	0	0	9	0	0	77	79
	Nawabshah	000	0	0	18	03	96	01	0	034	83	0	0	9	0	0	74	77
	Sukkur	000	8	6	23	35	96	03	0	032	82	6	0	9	6	0	73	80
	Kashmore																	
	Jacobabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Junagadh	Veraval	000	0	0	13	05	96	02	0	927	85	0	0	9	0	0	67	82
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	005	9	0	05	02	98	00	9	470	62	0	0	9	0	0	53	59
Malakand	Drosh *	000	0	4	00	00	99	01	1	468	74	1	1	6	4	1	52	71
Peshawar	Cherat *	000	0	3	36	04	97	02	2	471	71	3	2	8	0	0	63	64
	Kakul *	000	0	1	23	05	97	03	0	476	//	/	2	6	0	0	63	64
	Landikotal *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Parachinar *																	
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	399	80	0	0	9	0	0	71	72
	Wana *	025	0	6	00	00	97	03	0	400	69	6	5	8	0	0	66	68
Quetta	Fort Sandeman *	000	0	1	05	02	97	02	0	455	74	1	5	7	0	0	65	70
	Hindubagh *	000	0	0	16	02	96	05	0	///	70	0	0	9	0	0	61	63
	Loralai *																	
	Barkhan *																	
	Harnai *	000	0	0	13	01	96	02	0	424	76	0	0	9	0	0	69	75
	Samungli (Quetta) *	000	0	0	13	03	96	06	0	461	70	0	0	9	0	0	66	65
	Chaman *	000	0	0	00	00	98	00	8	434	72	0	0	9	0	0	47	74
	Nushki *	000	0	0	36	05	95	06	0	491	80	0	0	9	0	0	27	76
	Dalbandin *	000	0	0	23	07	95	05	0	450	72	0	0	9	0	0	18	71
Kalat	Kalat *	000	0	0	18	07	93	00	2	441	66	0	0	9	0	0	45	65
	Khuzdar *	000	0	0	00	00	96	05	0	441	75	0	0	9	0	0	64	64
	Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Departure from Normal of / Rainfall

Divisions (1)	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)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	—	—				—
	Cox's Bazar	− 7	− 2				140
	Chittagong	− 4	− 1	121.3	+ 5.3	—	108
	Maijdee Court	− 2	− 2				115
	Comilla						94
	Brahmanbaria						78
	Sylhet	—	—				—
	Srimangal	− 3	0				98
Dacca	Mymensingh	− 4					91
	Narayanganj	//	− 2				74
	Dacca (Tejgaon)	—	—	53.3	—	—	—
	Faridpur	− 5	− 4				71
Khulna	Barisal	− 7	− 3				81
	Khulna						68
	Satkhira	—	—				65
	Jessore	− 4	− 4				65
Rajshahi	Pabna	—	—				59
	Sirajganj	+ 2					64
	Rajshahi	—	—				—
	Bogra	− 3	− 5				69
	Dinajpur	− 3	—				72
	Rangpur	− 6	− 2				84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	—	0	10.1	− 3.0	14.2	19
	Sialkot	− 4	− 4	23.2	+ 2.1	33.0	32
Rawalpindi	Jhelum	—	—	3.7	—	20.2	—
	Islamabad			—	—	—	—
	Rawalpindi	− 10	+ 6	31.6	+ 1.07	36.6	36
	Campbellpur	—	—	—	—	—	—
Sargodha	Khushab	− 13	—	2.7	—	2.8	15
	Sargodha	—	—	9.2	—	13.2	—
	Lyallpur	− 2	− 1	5.4	− 2.9	80.7	12
Multan	Sahiwal						10
	Multan	—	− 2	4.6	+ 0.2	5.2	7
	Leiah			—	—	—	8
Bahawalpur	Khanpur	—	—	1.1	—	1.5	6
	Bahawalpur	—	—	0.0	− 4.1	2.1	6
	Fort Abbas			—	—	—	
Malakand	Chakdara	—	—	11.6	—	4.5	8
Peshawar	Peshawar	− 6	+ 3	6.5	+ 2.9	16.0	11
	Haripur	—	—	24.5	—	32.4	
D. I. Khan	Bannu	—	—	5.0	—	7.4	11
	D. I. Khan	− 10	− 5	1.8	− 3.2	4.0	9
Quetta	Sibi			—	—	—	5
	Nokkundi	—	—	0.0	—	0.2	2
Kalat	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 division	Karachi (Manora)						8
	Karachi (Airport)	—	—	2.5	− 3.6	2.7	—
Hyderabad	Nagarparker			—	—	0.0	
	Chhor	—	—	3.0	—	3,0	7
	Hyderabad	+ 1	+ 3	1.9	− 3.6	2.4	9
	Badin	—	—	1.7	+ 5,0	1.7	—
Khairpur	Padidan	—	—	0.2	—	0.2	
	Nawabshah	—	—	0.6	—	0.6	4
	Sukkur	—	—	1.8	—	2.2	—
	Kashmore			—	—	0.0	4
	Jacobabad						
Junagadh	Veraval	− 5	+ 3	2.6	+ 0.4	2.6	20
	HILL STATIONS						
Kashmir	Srinagar *						26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu *						6
	Misgar **						—
	Aliabad *						—
	Gilgit *						5 59 18
Rawalpindi	Murree *	− 4	0	38.4	+ 6.6	46.8	29
Malakand	Drosh *	+ 3	+ 4	1.0	—	10.2	—
Peshawar	Cherat *	− 10	− 8	11.2	+ 0.7	18.1	—
	Kakul *	—	—	39.5	—	43.1	29
	Landikotal *			—	—	20.5	13
	Parachinar *			—	—	12.1	11
D.I. Khan	Miranshah *	—	—	3.9	+ 0.2	4.8	13
	Wana *	—	—	0.9	—	1.6	—
Quetta	Fort Sandeman *	− 5	+ 3	1.9	− 2.7	3.2	9
	Hindubagh *	—	—	0.4	—	2.3	—
	Loralai *			—	—	2.0	14
	Barkhan *			—	—		9
	Harnai *	—	—	0.0	− 6.6	0.2	8
	Samungli (Quetta) *	+ 5	+ 8	0.0	− 0.9	3.7	—
	Chaman *	—	+ 9	0.0	− 0.1	2.0	—
	Nushki *	—	—	0.0	—	1.5	4
	Dalbandin *	+ 2	+ 8	0.0	− 0.3	0.5	7
Kalat	Kalat *	+ 1	+ 2	0.0	− 1.1	1.4	—
	Khuzdar *	—	—	1.4	—	2.0	5
	Panjgur *	+ 4	—	—	—	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 above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 6th SEPTEMBER, 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 ww W	PPP TT	N$_h$C$_L$hC$_M$C$_H$	D$_s$V$_s$a PP	7RR t$_R$t$_R$	8N$_s$Cb$_s$h$_s$	OT$_s$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.	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 ...	00 00	005 250 09	...	470 160 29	111 210 30	582 055 50	753 175 26	964 323 //	...	...	...	...	...	...
Dacca ...	00 00	006 260 06	...	430 146 02	087 080 22	580 060 15	752 147 10	962 307 44	240 505 //	423 625 //	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...														
Multan ...														
Peshawar ...	00 00	965 244 28	...	410 198 39	107 080 29	582 075 //	752 179 //	963 275 //	244 461 //	431 577 //	...	...	...	...
Quetta ...														
Sargodha ...														

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 ...													
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 ...	155 08	165 18	165 18	160 19	...	...	...	...	...
Chaklala ...	...	045 02	140 18	150 12	185 04	225 06	265 11	290 19	290 20
Chhor ...	...	...	...	...	...	...	...	...	...
Chittagong ...	No	Ascent	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	135 17	145 27	155 29	...	...	...	...	...	...
Dacca ...	165 13	185 23	115 33	185 32	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	125 07	125 07	130 08	160 15	320 08	310 12	260 15	330 11	355 08
Jessore ...	185 21	190 24	...	...	...	...	...	...	...
Jhelum ...	280 03	085 02	355 02	325 15	360 06	325 13	355 14	290 15	360 10
Jiwani ...	180 12	170 16	180 03	160 08	245 04	335 11	025 18	025 02	030 15
Karachi ...	245 14	250 18	255 16	...	...	...	...	...	...
Khanpur ...	245 05	260 04	255 06	265 06	270 04	240 04	050 19	060 06	035 07
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	...	...	...	...	...	...	...	...	...
Multan ...	080 12	070 11	070 10	010 06	265 04	275 05	340 11	335 22	330 25
Nawab Shah ...	010 05	010 04	360 08	010 04	185 10	360 08	125 06	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	245 07	240 06	180 04	255 03	360 02
Sargodha ...	070 15	080 13	080 03	005 04	015 13	360 08	360 13	290 15	265 15
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 ...	No	Ascent	...	...	...	...
Chaklala ...	...	045 05	060 03	130 02	345 02	250 02
Chhor ...	235 27	240 31	240 29	190 17	175 15	...
Chittagong ...	165 21	180 39	190 25	...	...	...
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...
Dacca ...	190 19	205 27	205 29	...	...	...
Dalbandin ...	...	...	290 07	395 25	335 21	330 24
D. I. Khan ...	090 07	095 06	130 05	110 03	...	...
Drosh ...	...	...	...	225 02	210 05	285 03
Fort Sandeman ...	...	...	...	305 02	205 08	240 06
Gilgit ...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...
Jacobabad ...	110 05	175 05	135 10	190 04	190 04	230 05
Jessore ...	...	...	...	...	...	...
Jhelum ...	105 09	085 06	065 06	070 02	010 02	280 05
Jiwani ...	195 06	...	...	...	...	...
Karachi ...	...	...	...	...	...	...
Khanpur ...	275 15	275 17	260 18	330 10	325 10	355 07
Khuzdar ...	...	...	...	335 04	315 07	380 15
Lahore ...	090 06	100 06	105 07	125 02	085 04	065 10
Multan ...	095 07	060 03	360 01	310 04	320 03	310 06
Nawab Shah ...	210 17	220 09	265 08	330 09	010 06	065 10
Nokkundi ...	No	Ascent	...	...	...	...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	205 05	200 02	136 02	200 04	310 06
Parachinar ...	...	...	...	345 02	045 05	...
Quetta ...	...	...	...	...	...	...
Sargodha ...	070 09	090 10	095 05	015 05	360 03	020 04
Skardu ...	...	...	...	...	...	...
Sylhet ...	140 17	155 23	175 27	...	...	...
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 ...	No	Ascent	...	...	...	...	...	...	...	...	...
Chaklala ...	...	250 04	240 06	225 04	210 05	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	155 27	165 25	170 26	190 19	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	180 18	180 29	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	210 06	...	...	...	...	...	...	...	...	...	...
Karachi ...	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	250 15	270 14	270 17	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	065 06	085 06	085 02	100 11	310 02	010 07	...	...	...	...	...
Nawab Shah ...	...	...	...	...	...	...	...	...	...	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	100 03	155 03	155 03	055 03	010 04	030 04	020 10	245 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	18.8	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 (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.

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

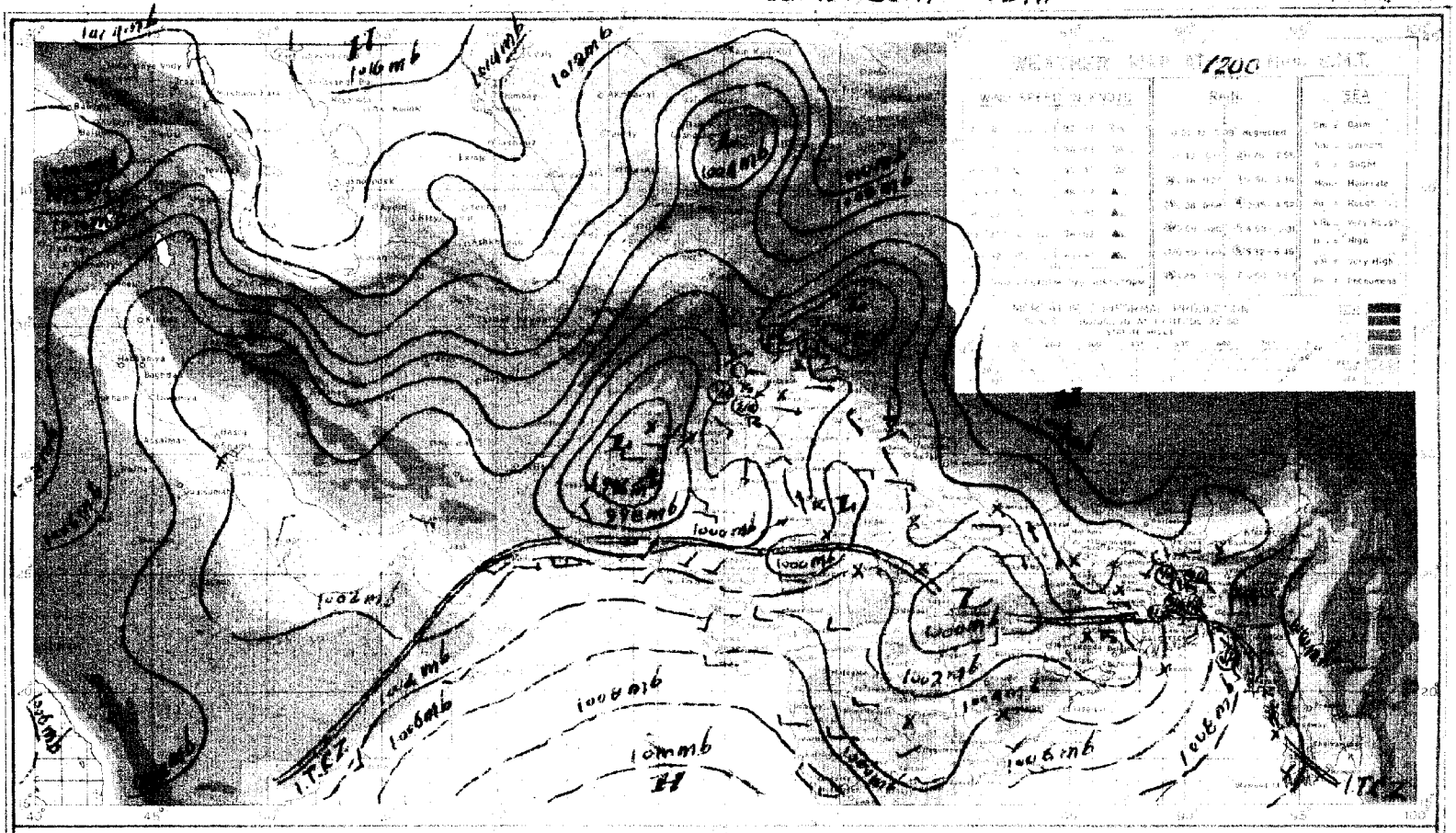
† The actual time of observations may vary within half an hour of the specified time.

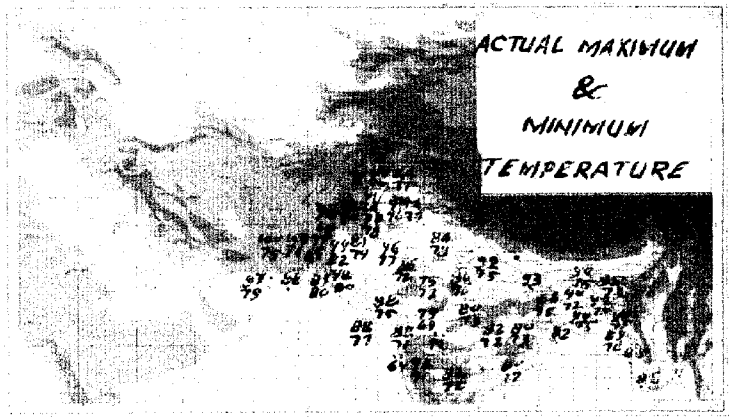
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

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

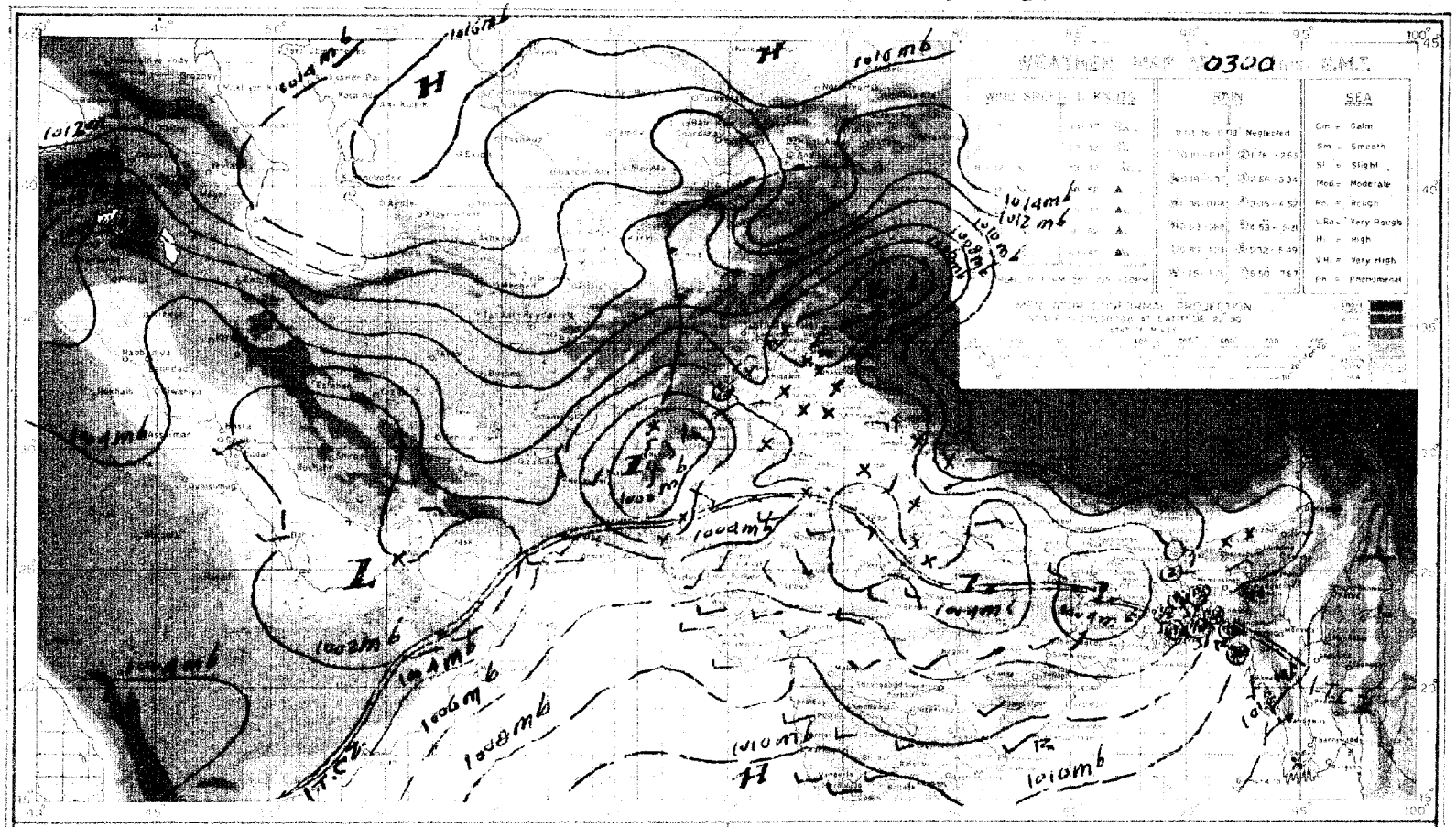
SUNDAY 5th SEPTEMBER, 1971.

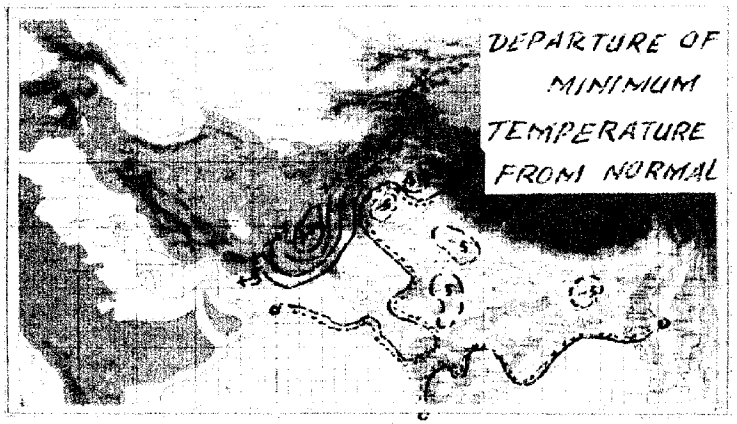




PAKISTAN DAILY WEATHER MAP

MONDAY 6th SEPTEMBER, 1971.





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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

2 - FEB 9
Copy — 1972

TUESDAY THE 7th SEPTEMBER, 1971.

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

Yesterday's low over Madhya Pradesh and adjoining areas has moved further northwestwards and now lies over Rajasthan.

The low over Bihar and west Bengal has moved slightly westwards and today lies over Bihar and adjoining Madhya Pradesh.

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

The secondary western disturbance over Russian Turkistan now lies north of Kashmir. Its associated trough lies over Kashmir and adjoining areas of Pakistan.

Thunderstorms/showers have been fairly widespread in Rawalpindi division and scattered in Sargodha, Multan, Bahawalpur, Malakand, Peshawar, D. I. Khan and Quetta divisions.

Chief amounts of rainfall are Satkhira 4", Bogra 3", Mymensingh, Faridpur, Narayanganj, Jessore and Khulna 2" each, Cox's Bazar, Barisal and Bhola 1½" each, Sylhet and Pabna ¾" each, Srimangal, Comilla, Maijdee Court, Dacca, Rangpur and Parachinar ½" each and Ishurdi, Multan and D. I. Khan ¼" each.

Day temperatures were generally 3—6 °F (2—3 °C) below normal in East Pakistan and in Lahore, Rawalpindi, Sargodha, Multan, Peshawar and Khairpur divisions and were 3 °F (2° C) above normal at some places in Quetta division.

Forecast valid until the evening of the 8th September, 1971 :—Rain/thundershowers will be fairly widespread over East Pakistan and scattered in Rawalpindi and Peshawar divisions and in Kashmir.

Earth Quake Report Seismographs of the geophysical centre, Quetta have recorded an earth quake of severe intensity on 5th September, 1971 at 23 hours 45 minutes WPST with its epicentre about 4200 miles northeast of Quetta near southern Japan. Another earth quake of moderate intensity has also been recorded on 6th September, 1971 at 05 hours 34 minutes WPST with its epicentre about 280 miles northeast of Quetta near Pakistan and Afghanistan border.

Karachi-32
The 7th Septembre, 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 connected as † (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 † (GL)	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	020	2	7	18	02	98	20	9	083	79	6	7	4	7	1	75	84
	Cox's Bazar	005	0	8	13	12	96	02	6	067	82	5	3	4	6	0	79	84
	Chittagong	014	4	7	16	12	96	95	5	070	81	7	3	3	6	0	79	88
	Maijdee Court																	
	Comilla	016	0	7	00	00	96	02	2	064	75	7	4	4	0	0	75	84
	Brahmanbaria																	
	Sylhet	000	0	0	27	17	96	60	9	077	73	6	2	5	2	1	73	84
	Srimangal	066	9	7	00	00	96	//	/	067	77	3	5	3	6	2	75	88
Dacca	Mymensingh	025	3	7	13	02	99	02	6	059	82	7	5	4	0	0	79	84
	Narayanganj	105	9	8	13	02	96	03	6	044	77	4	6	3	1	1	75	82
	Dacca (Tejgaon)	000	0	7	13	05	96	02	6	042	79	5	0	4	7	0	77	81
	Faridpur	080	6	8	16	05	96	02	0	036	75	6	4	5	1	0	//	//
Khulna	Barisal	103	9	7	00	00	96	21	6	050	77	5	8	4	3	0	77	82
	Khulna																	
	Satkhira																	
	Jessore																	
Rajshahi	Pabna																	
	Sirajganj																	
	Rajshahi	198	4	8	13	05	96	61	6	073	75	8	7	5	3	7	75	89
	Bogra	077	3	7	13	05	96	01	6	029	79	5	3	4	4	0	77	81
	Dinajpur																	
	Rangpur																	
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	4	09	02	97	01	1	011	69	4	4	6	0	0	73	92
	Sialkot	000	0	4	00	00	99	01	1	015	91	4	4	6	0	0	74	93
Rawalpindi	Jhelum																	
	Islamabad																	
	Rawalpindi	000	0	1	27	03	97	01	0	022	69	1	1	6	0	0	70	90
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	97	01	0	002	93	0	0	9	0	0	76	96
	Sargodha	000	0	1	09	03	97	02	0	006	91	1	1	6	0	0	72	95
	Lyallpur	000	0	0	00	00	97	00	0	005	93	0	0	9	0	0	73	95
Multan	Sahiwal																	
	Multan	000	0	3	00	00	96	02	1	011	90	6	5	5	0	0	69	88
	Leiah																	
Bahawalpur	Khanpur	000	0	2	13	03	94	06	9	597	00	2	0	9	3	0	65	02
	Bahawalpur																	
	Fort Abbas																	
Malakand	Chakdara	000	0	2	23	05	97	03	0	983	89	2	2	7	0	0	69	91
Peshawar	Peshawar	000	0	6	05	03	97	02	2	996	89	2	3	6	3	0	70	94
	Haripur	003	3	4	31	03	95	03	2	964	93	4	1	6	0	0	75	97
D. I. Khan	Bannu																	
	D. I. Khan																	
Quetta	Sibi																	
	Nokkundi	000	0	0	31	21	94	05	4	983	97	0	0	9	0	0	4	98
Kalat	Turbat																	
	Jiwani	000	0	3	18	10	96	02	1	031	84	3	3	5	0	0	81	//
	Panjgur	000	0	0	27	02	97	02	0	142	//	6	7	9	0	2	//	//
	Ormara	000	0	0	27	14	96	02	2	016	90	1	6	6	0	0	79	90
	Lasbela	000	0	2	13	02	98	00	0	001	02	0	0	9	0	0	70	03
Karachi division	Karachi (Manora)																	
	Karachi (Airport)	000	0	7	25	10	96	03	2	031	85	5	6	5	3	0	79	89
Hyderabad	Nagarparker																	
	Chhor	000	0	2	23	17	96	01	1	019	//	2	5	6	0	0	73	94
	Hyderabad	000	0	0	23	09	97	01	0	020	91	0	0	9	0	0	73	00
	Badin	000	0	3	23	07	96	01	1	029	89	3	4	6	0	0	72	94
Khairpur	Padidan	000	0	1	13	02	97	03	0	988	01	1	0	9	3	0	68	03
	Nawabshah	000	0	1	18	07	96	02	0	000	99	4	6	0	0	0	73	01
	Sukkur	000	0	0	05	02	96	02	0	989	00	0	0	9	0	0	74	01
	Kashmore	000	0	0	00	00	98	02	0	989	02	0	0	9	0	0	75	03
	Jacobabad	000	0	2	13	05	97	03	0	992	96	0	0	9	0	1	74	97
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamerg																	
	Dras																	
	Leh																	
	Skardu																	
	Hingar																	
	Allabad																	
	Gilgit																	
Rawalpindi	Murree																	
Malakand	Drosh																	
Peshawar	Cherat	000	0	2	18	07	97	02	2	459	77	2	2	8	0	0	66	79
	Kakul	000	0	2	23	03	96	05	1	448	77	1	2	6	3	0	62	81
	Landikotal	000	0	8	05	05	97	02	2	471	83	8	6	1	0	0	61	89
	Parachinar	062	4	7	27	05	96	95	0	472	59	5	9	5	2	0	//	//
D.I. Khan	Miranshah																	
	Wana																	
Quetta	Fort Sandeman	000	0	5	09	09	97	17	9	420	84	5	9	7	0	0	60	89
	Hindubagh	000	0	2	25	09	95	05	9	//	65	2	0	9	3	0	71	89
	Loralai																	
	Barkhan																	
	Harnai	000	0	0	13	01	96	02	0	440	88	0	0	9	0	0	72	91
	Samungli (Quetta)	000	0	0	27	07	96	06	0	429	//	1	0	9	0	0	47	90
	Chaman	000	0	0	27	09	92	05	0	408	95	0	0	9	0	0	64	96
	Nushki	000	0	0	31	05	95	06	0	477	96	0	0	9	0	0	49	99
	Dalbandin	000	0	0	23	07	97	02	4	445	95	0	0	9	0	0	//	//
Kalat	Kalat																	
	Khuzdar																	
	Panjgur																	

DIVISIONS	STATIONS	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced as † (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
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	162	9	7	14	05	96	61	2	094	81	4	4	4	2	0	77	75	— 2	0				140
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1		—	—	—	108
	Maijdee Court																		—	—				115
	Comilla																		— 4					94
	Brahmanbaria																			—				79
	Sylhet	012	9	8	09	07	96	02	6	068	81	5	4	5	2	1	79	75	—	—				—
	Srimangal	061	9	7	13	09	97	03	9	066	82	3	5	4	2	6	77	75	— 4	0				98
Dacca	Mymensingh	000	0	8	00	00	97	02	2	069	84	8	6	6	0	0	81	//	— 4	—				91
	Narayanganj	221	9	7	13	03	97	02	2	076	84	5	6	5	3	1	81	79	— 7	0				74
	Dacca (Tejgaon)	044	9	7	13	02	96	21	6	077	81	7	5	4	3	0	79	73	— 7	— 6	53.8	—	—	—
	Faridpur	201	1	8	16	05	97	02	2	068	81	6	4	5	1	0	79	75	—	—				71
Khulna	Barisal	161	0	5	21	11	97	02	2	078	82	4	6	4	3	0	79	75	—	— 3				81
	Khulna	210	9	2	13	05	97	02	0	044	84	0	4	4	0	0	79	75	—					68
	Satkhira	365	0	4	18	04	97	02	3	048	82	4	3	9	4	2	81	75	—	—				65
	Jessore	201	9	6	18	12	96	01	6	067	82	4	6	3	7	0	81	73	—	— 6				65
Rajshahi	Pabna	075	9	5	13	05	99	01	9	//	81	5	8	6	0	0	79	77	—	—				59
	Sirajganj																							64
	Rajshahi	005	2	7	00	00	96	01	6	054	79	5	3	3	3	0	77	75	—	—				—
	Bogra	273	1	8	23	05	96	61	6	069	75	6	5	4	7	0	75	73	+ 3					69
	Dinajpur																							72
	Rangpur	055	9	7	09	02	96	51	6	069	81	7	6	6	0	0	81	75		— 2				84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	5	27	02	97	02	1	044	82	3	8	7	3	1	75	77	— 6	0	10.1	— 3.1	14.2	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2	—	—	—	33.0	32
Rawalpindi	Jhelum	004	3	7	27	02	97	17	9	046	72	9	9	6	1	0	//	70	—	—	2.8	—	20.2	—
	Islamabad																				—	—	—	—
	Rawalpindi	097	3	1	00	00	97	01	9	045	76	1	1	6	3	0	79	73	— 4	+ 2	31.6	+1.06	38.6	36
	Campbellpur	000	0	0	09	01	97	00	0	//	76	0	0	9	0	0	76	68	—	—	—	—	—	—
Sargodha	Khushab	000	0	8	09	03	97	03	2	063	77	6	2	9	2	4	75	//	— 4	//	2.7	— 6.6	2.8	15
	Sargodha	000	2	7	09	07	97	17	9	048	75	6	9	6	2	0	65	74	—	—	9.2	—	13.2	—
	Lyallpur	000	0	7	00	00	98	17	1	047	79	4	9	5	2	0	73	75	— 2	— 2	5.4	— 2.9	60.7	12
Multan	Sahiwal																							10
	Multan	022	3	8	15	05	97	59	9	044	74	9	6	6	0	0	71	//	— 3	—	4.8	+ 0.3	5.4	7
	Leiah																				—	—	—	—
Bahawalpur	Khanpur	000	0	5	05	02	92	09	0	052	//	3	5	6	3	0	74	80	—	—	1.1	— 3.7	1.5	8
	Bahawalpur	000	0	0	05	02	93	00	0	063	80	0	0	9	0	0	69	78	—	—	0.0	— 4.3	2.1	6
	Fort Abbas																				—	—	—	6
Malakand	Chakdara	000	0	1	05	03	97	01	0	042	69	0	0	9	0	9	61	66	—	—	11.6	—	14.5	—
Peshawar	Peshawar	000	9	1	05	02	97	01	0	040	78	1	0	9	3	0	67	74	— 2	0	6.5	+ 2.8	16.0	11
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			24.5	—	32.4	—
D. I. Khan	Bannu	000	8	2	00	00	99	01	2	049	75	0	0	9	2	0	70	74	—	—	5.0	—	7.4	11
	D. I. Khan																				—	—	4.3	—
Quetta	Sibi																							9
	Nokkundi	000	0	0	33	16	97	02	4	036	81	0	0	9	0	0	39	76	—	—	0.0	—	0.2	5
Kalat	Turbat	000	0	0	33	12	96	00	0	077	//	0	0	9	0	0	76	82	—	—	0.0	—	0.0	2
	Jiwani	000	0	7	16	05	96	02	2	052	81	5	6	5	3	0	75	79	—	—	0.0	—	1.5	—
	Panjgur	000	0	0	27	02	97	00	0	142	76	0	0	9	0	0	60	//	—	—	0.0	— 0.9	0.0	5
	Ormara	000	0	3	27	15	96	04	4	043	//	3	6	6	0	0	75	//	—	—	0.0	— 0.8	0.0	6
	Lasbela	000	0	2	00	00	97	03	0	//	//	0	0	9	0	0	77	79	—	—	0.0	—	0.0	—
Karachi division	Karachi (Manora)																				—	—	—	8
	Karachi (Airport)	000	0	8	27	09	96	01	2	047	81	2	6	5	0	0	77	80	—	—	2.5	— 4.1	2.7	8
Hyderabad	Nagarparker																							—
	Chhor	000	0	2	23	07	96	01	0	038	//	0	0	9	0	0	75	77	—	—	0.2	—	0.4	7
	Hyderabad	000	0	2	23	05	97	02	0	038	82	0	0	9	0	1	73	82	— 3	+ 5	1.9	0.0	2.4	9
	Badin	000	0	6	23	02	96	01	0	//	81	0	0	9	0	0	57	//	—	—	0.2	— 3.6	0.4	—
Khairpur	Padidan	000	8	1	03	02	96	02	0	022	84	0	0	9	0	0	74	81	—	—	0.2	0.0	0.2	—
	Nawabshah	000	9	2	18	05	96	03	0	//	83	0	0	9	0	1	74	78	—	—	0.6	—	0.8	4
	Sukkur	000	8	1	03	05	96	02	0	026	85	0	0	9	0	0	75	83	—	—	1.8	—	2.4	—
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—	—	0.0	4
	Jacobabad	000	0	1	13	05	97	02	0	208	85	1	0	9	3	0	76	83	— 7	+ 4	2.6	+ 0.4	2.6	—
Junagadh	Veraval																							20
	HILL STATIONS																							26
Kashmir	Srinagar																							—
	Gulmarg																							71
	Sonamerg																							24
	Dras																							3
	Leh																							6
	Skardu																							—
	Hingar																							—
	Allabad																							5
	Gilgit																							59
Rawalpindi	Murree	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						18
Malakand	Drosh	004	9	5	27	02	97	02	9	062	//	5	5	4	0	0	54	56	—	— 3	38.4	+ 6.4	46.8	29
Peshawar	Cherat	008	0	0	18	04	98	00	0	466	71	0	0	9	0	0	61	66	— 6	— 1	11.2	+ 0.6	10.1	—
	Kakul	008	8	1	16	02	98	01	9	465	70	1	2	6	0	0	62	65	—	—	39.8	—	43.9	29
	Landikotal	000	0	0	36	02	97	02	0	465	74	0	0	9	0	0	63	65	—	—	10.6	—	20.5	13
	Parachinar	062	0	0	00	00	97	02	0	469	67	0	0	9	0	0	51	59	//	— 1	11.2	—	18.7	11
D.I. Khan	Miranshah	000	0	0	05	05	99	00	0	400	83	0	0	9	0	0	71	73	—	+ 13	3.9	— 0.0	4.8	13
	Wana																				—	—	1.6	—
Quetta	Fort Sandeman	000	0	5	09	09	97	17	9	459	72	2	5	7	0	0	57	66	— 5	— 1	1.9	— 2.9	3.2	9
	Hindubagh	000	8	2	25	09	95	05	9	//	65	2	0	9	3	0	71	89	—	—	—	—	2.3	—
	Loralai																				—	—	—	14
	Barkhan																				—	—	—	—
	Harnai	000	0	0	13	01	96	02	0	419	74	0	0	9	0	0	67	66	—	—	2.0	—	2.0	9
	Samungli (Quetta)	000	0	0	27	07	96	06	0	465	66	0	0	9	0	0	61	61	+ 2	+ 4	0.0	— 6.9	0.2	8
	Chaman	000	0	0	00	00	94	06	0	465	66	0	0	9	0	0	61	61	+ 2	+ 4	0.0	— 0.9	3.7	—
	Nushki	000	0	0	00	00	98	00	0	423	70	0	0	9	0	0	44	74	+ 3	+ 9	0.0	— 0.1	2.0	—
	Dalbandin	000	0	0	00	00	95	06	0	489	78	0	0	9	0	0	25	75	—	—	0.0	—	1.5	4
Kalat	Kalat	000	0	0	23	05	95	05	0	446	75	0	0	9	0	0	15	//	—	—	0.0	— 0.3	0.5	7
	Khuzdar	000	0	0	18	02	92	00	2	453	63	0	0	9	0	0	38	//	//	—	0.0	— 1.1	1.4	—
	Panjgur	000	0	0	25	02	95	05	0	//	68	0	0	9	0	0	57	60	—	—	1.4	—	2.0	5
																					—	—	0.0	—

Given in Code.

* These stations report for PPP, the geopotential of the 250 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 remarks here for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 7th SEPTEMBER, 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	8$N_sCh_sh_s$	0$I_sT_sT_dT_d$	1$T_wT_wT_{w'}T$	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														
Baghe	99 0 37	30 4 79	06 1 20	61 4 05	98 0 32	10 0 25	10 0 70	...	...	...	...	...	...	...

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	004 250 09	...	470 140 24	095 066 42	580 071 38	750 183 50	959 305 / /	...	...	...	...	...	...
Dacca ...	00 00	005 262 09	...	460 150 01	074 068 / /	577 065 01	748 159 36	959 323 / /	232 541 / /	411 673 / /	349 785 / /	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...														
Multan ...														
Peshawar ...	00 00	963 234 53	...	410 220 57	091 128 59	586 031 / /	725 119 / /	976 193 / /	271 162 56	472 425 / /	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTTa DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
									PmPmPmdmdmdmfmfmfm	PcPcPcTcTcTac	dcdcfcfcfc	$P_cP_cP_cT_cT_cT_c$	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 (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 ...	160 17	170 19	170 19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	030 07	105 04	230 02	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	220 30	220 33	215 25	210 13	205 08	220 18	090 07	...	...	225 02	240 26	245 27	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	No	Ascent	...	...	...	...	...	...	...	160 11	200 14	215 14	160 11	235 14	200 14	...	...	...	...	...	...	...	...	...	...	...
Chorat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	180 31	180 21	120 23	215 10	245 12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	145 12	160 13	150 15	...	...	...	...	...	...	225 15	210 16	220 18	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	270 01	975 10	260 10	280 05	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	215 01	230 01	205 05	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	330 01	230 09	270 01	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	135 08	120 07	110 05	110 11	325 03	270 10	235 07	230 07	275 06	210 08	205 02	265 01	250 07	250 06	165 01	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	215 23	225 30	235 25	235 42	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	160 04	245 08	245 10	300 06	325 09	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	180 13	185 10	230 06	140 05	015 10	...	...	...	...	175 08	165 08	150 07	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	245 19	230 13	...	...	...	...	...	...	...	...	...	...	...	...	...	265 16	275 16	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	210 06	210 10	200 10	200 08	...	...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	270 10	310 08	335 14	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	190 04	115 04	115 06	120 04	075 04	065 06	...	...	...	150 05	160 06	150 06	085 06	050 10	035 07	335 13	324 14	310 09	...	...	...	...	...	...	...	...
Multan ...	115 06	080 04	085 04	050 04	030 02	235 10	...	...	...	350 10	350 18	360 22	090 06	...	...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	155 04	255 01	175 02	120 02	345 20	270 06	320 05	330 06	285 03	340 10	250 09	220 05	245 03	265 08	340 03	...	...	...	...	...	...	...	...	...	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...	...	...	345 31	340 27	360 16	030 14	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	055 04	245 02	215 07	205 05	200 04	...	...	...	...	230 12	270 12	261 16	010 04	...	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	315 03	308 12	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	275 07	220 06	265 08	...	...	...	...	...	...	255 05	265 08	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	040 04	145 03	175 03	030 02	010 07	305 06	255 12	250 23	250 26	...	...	...	...	...	...	355 04	325 03	320 05	345 04	315 04	010 10	340 07	...	...	...	...
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 !	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.

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

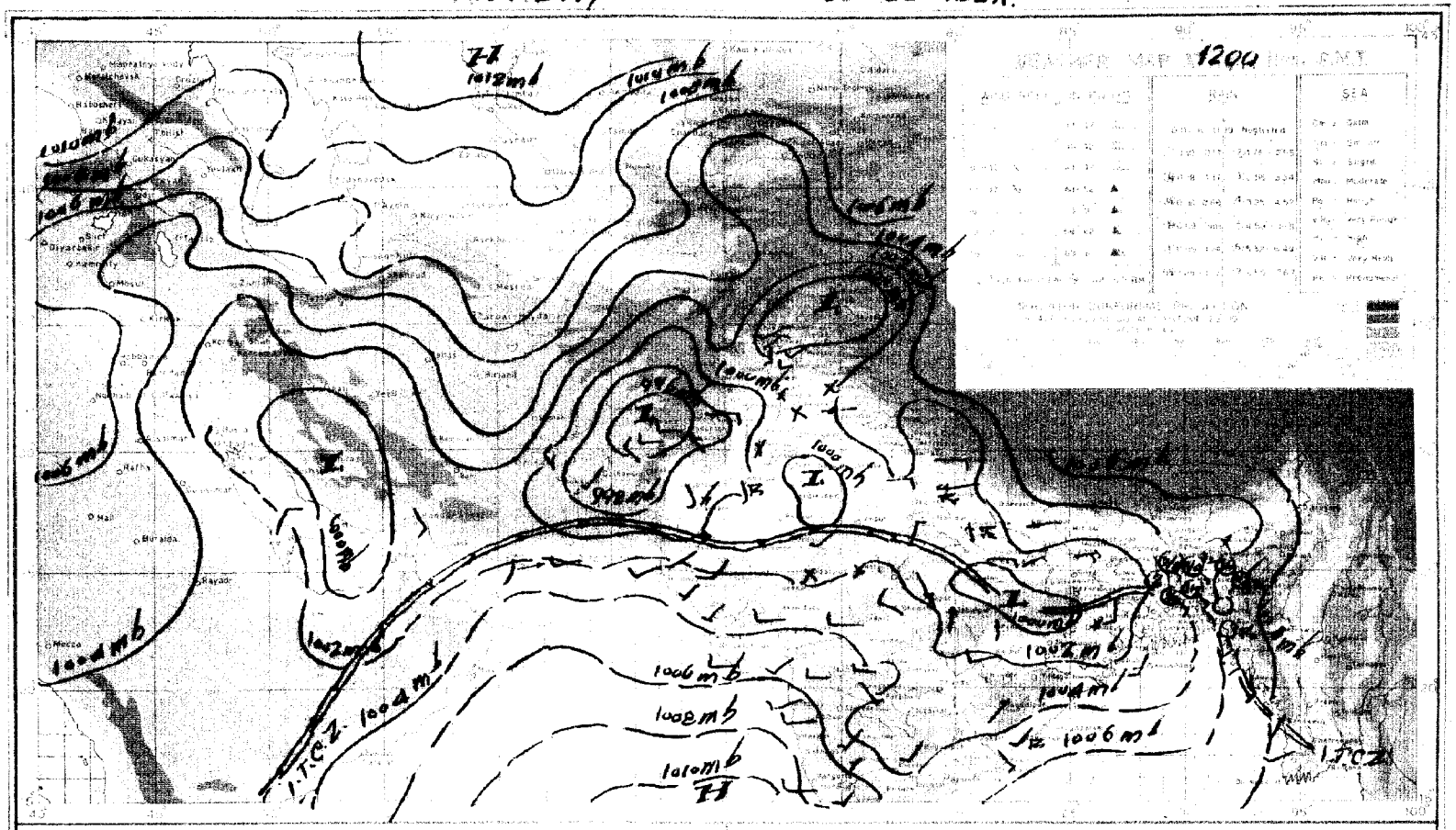
The actual time of observations may vary within half an hour of the specified time.

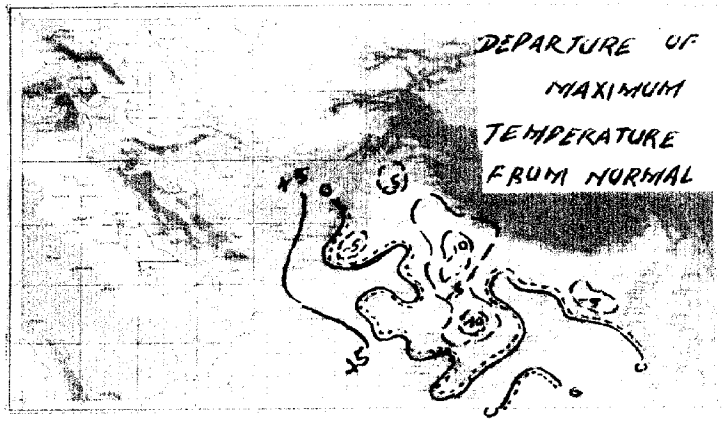
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "ff" in knots or in knots increased by 500.

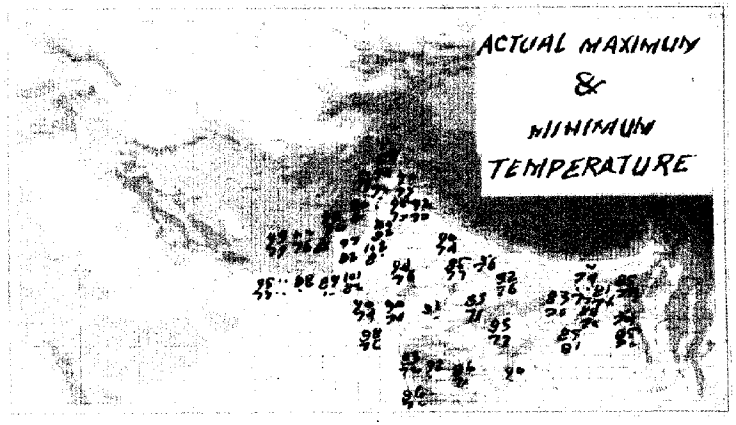
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

PAKISTAN DAILY WEATHER MAP

MONDAY 6th SEPTEMBER. 1971.

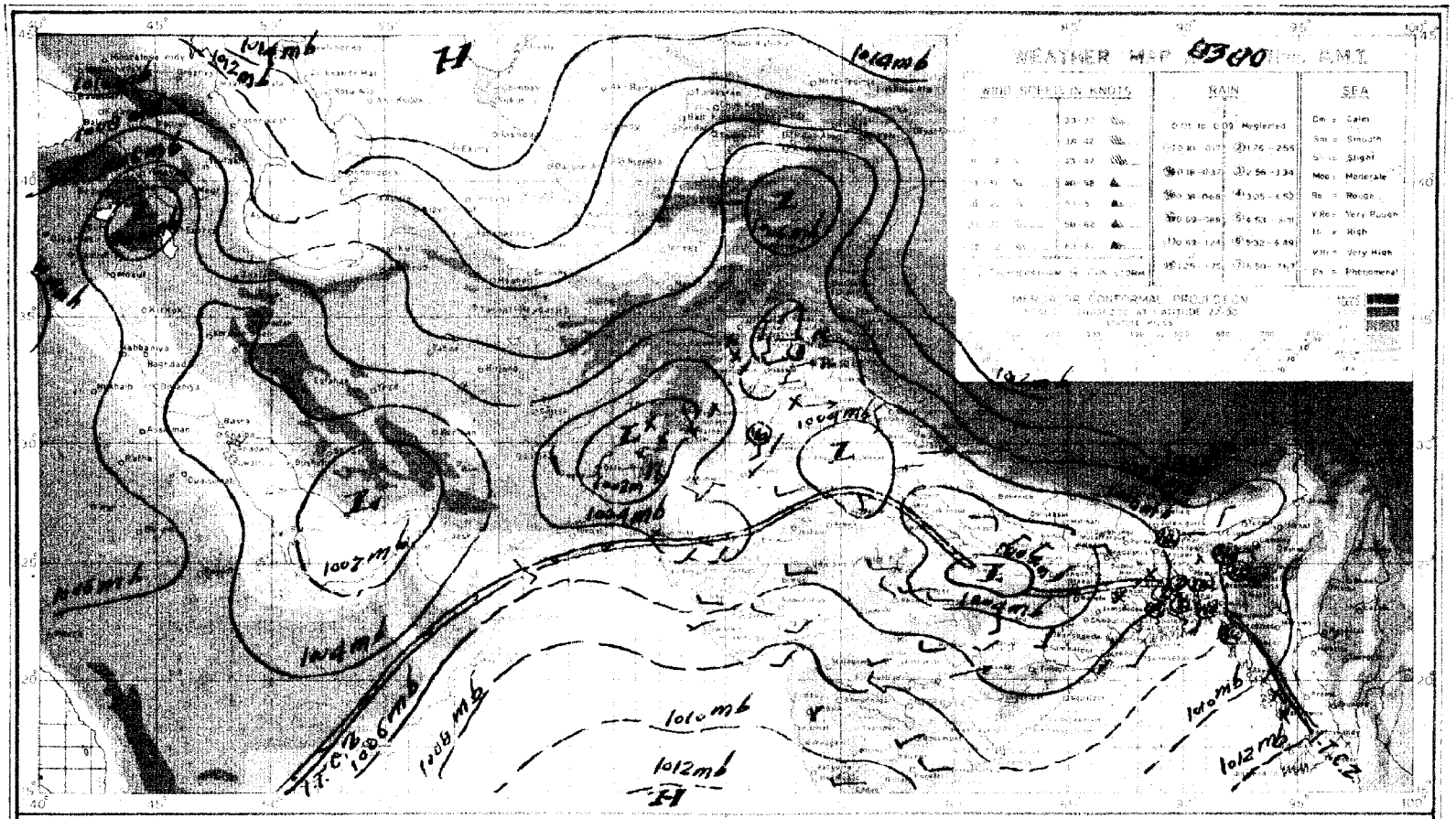


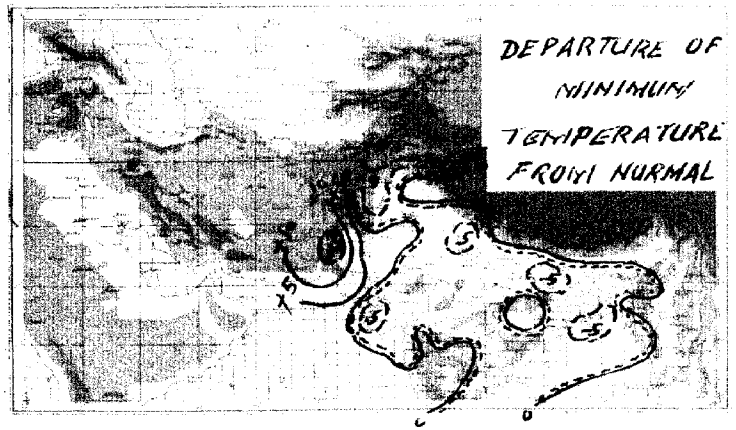


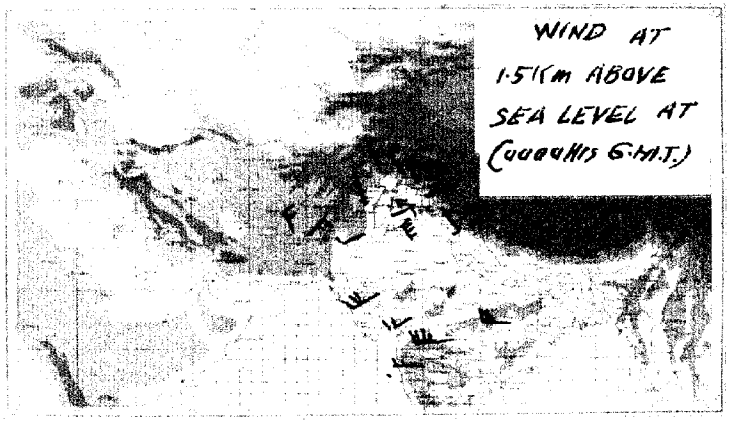


PAKISTAN DAILY WEATHER MAP

TUESDAY 7th SEPTEMBER 1971







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

2-FEB 1972
Copy

WEDNESDAY THE 8th SEPTEMBER, 1971.

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

Yesterday's low over Bihar and adjoining Madhya Pradesh has moved north-northwestwards and now lies over East Uttar Pradesh and adjoining areas.

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

The low over Rajasthan weakened into a trough which lay over west Rajasthan last evening. It has now become unimportant.

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

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

Thunderstorms/showers have been local in D. I. Khan and Rawalpindi divisions and scattered in Lahore, Sargodha, Multan, Malakand, Peshawar and Khairpur divisions.

Chief amounts of rainfall are Sylhet and Pad Idan 2" each, Srimangal, Mymensingh and Narayanganj 1" each, Dacca ¾", Bogra ½" and Faridpur, Satkhira and Miranshah ¼" each.

Day temperatures were generally 6—10 °F (3—6 °C) below normal in Chittagong, Lahore and Khairpur divisions and 3—5 °F (2—3 °C) so in Dacca, Rajshahi, Multan, Peshawar, northern Kalat and Hyderabad divisions and at a few places in Quetta division and were 4 °F (2 °C) above normal in Karachi division.

Forecast valid until the evening of the 9th September, 1971 :—Rain/thundershowers will be fairly widespread over East Pakistan, local in Lahore and Rawalpindi divisions and in Kashmir and scattered in Malakand, Peshawar, D. I. Khan, Quetta and Multan divisions.

Karachi-32
The 8th Septembre, 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 (TaTa)	Departure from Normal of: Maximum temperature (TxTx)	Minimum temperature (TaTa)	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	7	18	16	96	02	2	073	83	5	5	4	5	0	78	86	009	0	6	15	05	97	02	2	064	79	5	3	4	2	0	75	//	+ 1	—	—	—	—	140
	Cox's Bazar	000	0	4	20	05	97	02	1	058	82	3	2	5	3	0	79	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0				108
	Chittagong	000	0	2	18	02	97	01	0	048	//	2	2	5	0	0	72	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0				115
	Maijdee Court	000	0	7	13	05	96	02	2	051	81	7	4	4	0	0	70	88	008	8	3	13	05	96	02	0	079	79	3	4	7	0	0	81	77						94
	Comilla																																								70
Dacca	Brahmanbaria	042	9	7	00	00	97	02	6	050	78	6	8	5	7	0	45	83	048	9	8	13	05	96	05	9	085	77	6	7	3	2	1	75	75	—	—				98
	Sylhet	054	9	8	00	00	96	60	9	055	//	5	9	3	3	2	77	83	113	9	5	13	03	96	03	9	085	84	2	5	3	4	1	17	75	— 8	0				
	Srimangal																																								91
	Mymensingh	115	6	7	00	00	97	02	6	053	77	7	5	4	0	0	73	84	115	9	4	13	02	97	01	2	081	82	4	4	6	0	0	79	77	— 4	— 1				74
	Narayanganj	115	3	8	00	00	96	03	6	046	76	6	7	4	/	/	74	69	175	9	4	18	02	97	02	0	079	82	2	6	6	3	1	79	79	0	— 0				
	Dacca (Tejgaon)	104	2	7	00	00	96	95	6	049	76	6	9	3	2	0	76	84	057	9	5	18	05	97	02	9	078	84	5	4	4	0	0	79	75	—	— 3	54.6	—	—	71
	Faridpur	020	3	8	16	02	96	02	6	043	81	6	4	5	1	0	73	//	020	0	6	16	05	97	02	2	071	86	4	4	5	1	0	79	76	—	—				
Khulna	Barisal	000	0	5	20	04	97	02	2	045	85	4	4	4	3	1	83	//	000	0	4	00	00	97	02	1	///	84	4	4	4	0	0	79	80	//	+ 2				81
	Khulna	000	0	2	00	00	97	02	0	008	85	0	2	4	0	0	78	88	080	0	2	00	00	97	02	0	033	//	0	2	4	0	0	81	80	—	—				88
	Satkhira	030	2	3	18	04	97	02	2	034	31	4	3	9	2	4	79	88	020	0	4	18	04	97	02	3	077	73	4	3	9	2	3	81	79	—	—				65
	Jessore	010	5	6	11	02	96	02	6	036	83	3	6	4	7	0	78	90	010	0	6	20	03	96	02	2	070	82	3	6	4	2	0	79	79	+ 1	0				65
Rajshahi	Pabna	///	/	8	13	05	96	01	9	///	77	8	6	8	0	0	75	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					59
	Sirajganj																																								64
	Rajshahi																																								—
	Bogra	050	1	7	18	03	11	21	6	032	75	4	4	4	7	0	77	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					69
	Dinajpur	000	9	5	09	02	96	01	2	027	82	5	0	9	2	1	75	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 5					72
	Rangpur	036	8	7	13	02	96	03	6	021	81	7	6	6	0	0	81	87	076	6	7	11	02	96	01	6	067	82	7	6	6	0	0	81	75	— 1	— 2				84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	97	02	9	008	88	2	0	/	7	0	72	88	000	0	0	00	00	96	05	0	039	83	0	0	9	0	0	75	75	— 10	— 2	11.2	— 2.0	14.8	19
	Sialkot																																					23.3	— 2.0	29.6	32
Rawalpindi	Jhelum	004	0	3	13	02	58	01	1	001	86	/	/	7	3	0	68	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		20.0	—	24.7	—
	Islamabad																																								—
	Rawalpindi	000	0	2	23	02	97	02	0	993	89	2	1	6	0	0	70	91	000	0	0	00	00	97	02	0	033	79	0	0	9	0	0	72	73	— 3	+ 2	31.2	+ 9.3	30.9	36
	Campbellpur	000	0	0	09	09	98	00	0	///	96	0	0	9	0	0	56	//	000	0	0	05	03	97	00	0	///	75	0	0	9	0	0	75	70	—	—	8.5	— 0.9	8.9	—
Sargodha	Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	06	0	028	84	0	0	9	0	0	78	//	—	—	12.7	—	14.8	15
	Sargodha	000	0	2	09	03	98	01	1	065	88	1	1	6	0	1	73	90	000	0	0	02	03	97	02	0	035	81	0	0	9	0	0	75	75	—	—	9.0	—	12.1	—
	Lyallpur	000	0	4	36	02	97	02	1	001	89	4	0	9	4	0	62	96	000	0	0	00	00	97	00	0	035	83	0	0	9	0	0	73	76	— 1	— 1	5.5	— 2.9	8.8	12
Multan	Sahiwal																																								10
	Multan	000	0	1	31	03	96	01	1	001	89	1	0	9	3	0	76	94	000	0	0	00	00	96	04	0	028	85	0	0	9	0	0	76	78	— 7	— 2	4.9	+ 0.4	5.5	7
	Leiah																																								8
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	13	05	96	01	0	033	83	0	0	9	0	0	70	78	—	—	1.1	— 3.7	1.7	6
	Bahawalpur																																					0.0	— 4.1	0.3	6
	Fort Abbas																																					0.5	—	0.5	8
Malakand	Chakdara	000	0	1	27	03	97	03	0	997	92	/	/	7	0	0	67	93	000	0	0	05	05	97	01	0	029	71	0	0	9	0	0	61	66	—	—	10.2	—	20.3	—
Peshawar	Peshawar	000	0	3	00	00	97	03	0	979	92	/	3	6	3	0	68	94	000	0	0	00	00	97	01	0	035	78	0	0	9	0	0	71	74	— 2	0	8.3	+ 4.5	16.8	11
	Kohat	000	0	0	36	03	98	00	0	010	87	0	0	9	0	0	70	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	22.5	—	30.3	—
D.I. Khan	Bannu	000	0	4	00	00	99	03	1	012	92	0	0	9	7	0	//	94	000	0	3	00	00	99	02	1	057	75	0	0	9	0	5	67	74	—	—	5.9	—	8.2	11
	D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	09	02	97	02	0	042	83	0	0	9	0	0	74	76	—	+ 2	2.1	— 4.5	4.9	9
Quetta	Sibi																																								5
	Nokkundi	000	0	0	31	23	95	06	0	968	96	0	0	9	0	0	50	99	000	0	0	31	23	97	02	0	013	83	0	0	9	0	0	40	75	—	—	0.0	—	0.2	2
Kalat	Turbat	000	0	0	20	05	98	00	0	003	04	0	0	9	0	0	39	81	000	0	0	11	02	98	00	0	044	82	0	0	9	0	0	72	62	—	—	0.0	—	0.0	—
	Jiwani	000	0	3	16	14	96	02	1	019	14	3	3	5	0	0	75	86	000	0	7	16	05	96	03	2	050	81	5	6	5	3	0	75	79	—	—	0.0	—	1.5	5
	Pasni	000	0	0	27	02	97	02	0	///	//	0	0	9	0	0	67	85	000	0	0	27	02	97	00	0	///	76	0	0	9	0	0	67	//	—	—	0.0	— 0.9	0.0	6
	Ormara	000	0	1	27	12	96	02	2	016	66	/	6	6	0	0	77	80	000	0	1	27	03	98	02	0	042	80	1	6	6	0	0	78	//	—	—	0.8	— 0.0	0.0	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	00	00	98	00	0	038	80	0	0	9	0	0	74	79	—	—	—	—	—	8
Karachi division	Karachi (Manora)																																					—	—	—	8
	Karachi (Airport)	000	0	4	23	17	97	01	1	020	86	4	5	5	0	0	76	90	000	0	0	31	09	98	01	1	051	80	0	0	9	0	0	76	79	—	—	2.6	— 4.7	2.8	—
Hyderabad	Nagarparker																																					—	—	—	—
	Ghor	000	0	4	23	09	96	03	0	007	9:	4	2	6	0	0	77	93	000	0	2	31	02	96	02	0	041	80	0	0	9	0	0	75	77	—	—	4.5	—	4.5	7
	Hyderabad	000	0	0	23	07	97	01	0	003	93	0	0	9	0	0	71	01	000	0	2	23	07	96	03	0	051	89	2	6	5	0	0	75	77	+ 4	— 0	1.9	— 3.7	2.6	9
	Badin	000	0	2	23	07	96	01	1	025	89	1	1	9	0	1	63	93	000	0	0	23	03	97	02	0	042	83	0	0	9	0	0	73	80	—	—	2.1	— 4.7	2.1	—
Khairpur	Padidan	000	0	4	23	03	97	02	0	041	91	4	2	6	0	0	72	95	198	9	2	18	02	96	03	9	029	81	0	0	9	0	8	76	77	—	—	2.1	—	2.1	—
	Nawabshah	000	0	1	00	00	96	01	0	957	99	0	0	9	3	0	74	01	000	0	0	13	03	96	02	0	031	84	0	0	9	0	0	71	77	—	—	0.7	—	0.7	4
	Sukkur	000	0	0	31	05	96	02	0	969	98	0	0	9	0	0	75	99	000	0	0	13	02	96	02	0	031	85	0	0	9	0	0	75	81	—	—	1.8	—	2.2	—
	Kashmore	000	0	0	00	00	96	02	0	000	96	0	0	9	0	0	75	97	000	0	0	00	00	98	02	0	029	86	0	0	9	0	0	73	80	—	—	0.0	—	0.0	4
	Jacobabad	000	0	0	//	//	96	05	0	991	96	0	0	9	0	0	78	97	000	0	0	13	02	97	02	0	029	85	0	0	9	0	0	73	83	0	+ 5	2.5	+ 0.4	2.6	20
Junagadh	Veraval																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar *																																								71
	Gulmarg ***																																								26
	Sonamarg ***																																								3
	Dras ***																																								4
	Leh ***																																								—
	Skardu *																																								—
	Bilagar ***																																								5
	Allabad *																																								89
	Gilgit *																																								18
Rawalpindi	Murree *	002	0	6	23	02	97	02	9	437	69	6	0	9	3	0	67	81	000	0	0	05	02	98	00	9	///	//	0	0	9	0	0	52	55	+ 8	— 4	40.8	+ 8.7	46.5	29
Malakand	Drosh *	000	2	6	23	09	97	01	9	410	85	5	8	6	6	0	33	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1		1.6	—	10.2	—
Peshawar	Cherat *	000	0	2	18	04	97	01	7	450	81	2	6	8	0	0	64	81	000	0	0	18	05	96	00	0	///	//	0	0	9	0	0	56	66	— 4	— 1	8.5	— 2.2	16.0	—
	Kohat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	29	02	96	02	0	464	70	0	0	9	0	0	63	64	—	—	32.7	—	47.6	29
	Landikotal *	000	0	2	18	05	98	03	0	443	85	2	0	/	3	0	67	//	000	0	0	36	02	98	02	0	466	75	0	0	9	0	0	66	67	—	—	13.1	—	22.8	18
	Parachinar *	000	4	4	16	02	97	17	9	451	75	2	9	6	6	0	49	76	000	0	0	00	00	98	02	0	479	67	0	0	9	0	0	53	59	— 7	— 1	8.9	—	16.5	11
D.I. Khan	Miranshah *	025	0	8	05	05	97	01	0	455	87	8	0	9	0	0	66	92	025	0	0	05	05	99	00	0	437	76	0	0	9	0	0	56	63	—	—	3.8	— 0.1	5.4	13
	Wana *																																					0.3	—	1.0	—
Quetta	Fort Sandeman *	000	0	1	31	02	97	01	0	417	88	1	5	7	0	0	43	89	000	0	0	00	00	97	02	0	455	72	0	0	9	0	0	61	68	— 5	— 7	2.3	— 2.5	3.5	9
	Hindubagh *	000	0	0	25	05	97	00	0	///	64	0	0	9	0	0	54	96	000	0	2	05	02	98	02	0	///	71	0	0	9	0	0	60	//	—	—	0.3	—	2.1	—
	Loralai *																																								14
	Barkhan *																																								9
	Harnai *	000	0	0	13	01	96	02	0	442	90	0	0	9	0	0	68	92	000	0	0	31	01	96	02	0	419	77	0	0	9	0	0	72	//	—	—	1.1	— 5.8	1.1	8
	Samungli (Quetta) *	000	0	1	31	07	97	06	0	///	//	6	0	9	0	2	68	86	000	0	0	00	00	96	05	0	477	65	0	0	9	0	0	68	55	— 2	— 2	0.5	— 0.4	3.3	—
	Chaman *	000	0	0	27	09	98	05	0	408	95	0	0	9	0	0	54	96	000	0	0	00	00	98	00	0	423	70	0	0	9	0	0	44	//	+ 3	+	0.0	— 0.1	1.8	—
	Nushki *	000	0	0	00	00	95	05	0	484	95	0	0	9	0	0	41	//	000	0	0	07	05	95	05	0	491	80	0	0	9	0	0	25	74	—	—	0.0	—	1.1	4
	Dalbandin *	000	0	0	00	00	94	05	0	485	95	0	0	9	0	0	69	83	000	0	0	36	02	95	05	0	445	71	0	0	9	0	0	31	61	— 5	— 2	0.0	— 0.3	0.7	7
Kalat	Kalat *	000	0	0	36	00	92	00	2	403	79	0	0	9	0	0	44	00	000	0	0	18	02	91	00	2	446	51	0	0	9	0	0	35	//	— 3	—	0.0	— 1.1	0.4	—
	Khuzdar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	27	03	95	05	0	442	73	0	0	9	0	0	60	71	—	—	1.6	—	1.9	5
	Panjgur *																																					0.1	—	0.2	—

Given in Code.

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

Those 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 have for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 8th SEPTEMBER, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_ai'L_a$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV w w W	PPP TT	$N_hC_LhC_MC_H$	D_vV_sa PP	7RR t_Rf_R	$8N_sCh_sh_s$	$OI_sT_sT_dT_d$	$1T_wT_wT_{wc}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Almahroosa	99 2 10	10 6 40	07 1 63	72 3 16	98 0 20	97 4 26	54 4 / /	32 1 10	...	...	...	...	30 6 03	24 6 06
Almahroosa	99 2 05	10 6 48	08 0 03	72 4 17	98 0 32	06 6 26	75 4 / /	32 4 00	...	...	00 0 28	...	...	...

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
		PoPoPoToToDoDo	hhh TTT. DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...														
Dacca ...														
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	005 260 08	...	415 166 44	073 080 45	578 053 85	...	...						
Multan ...														
Peshawar ...	00 00	002 270 28	...	400 186 61	097 124 60	582 027 / /	756 111 / /	971 245 / /	257 409 / /	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	959 240 29	...	400 242 59	075 106 / /	570 095 / /	749 181 / /	955 267 / /	235 471 / /	419 631 / /	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT. DD						Max. Wind Speed	TROPOPAUSE: First	Transition	Second	Transition
								PmPmPmdmdmfmfmfm	PtPtPtTtTtTtat	dtdtftftft	$P_tP_tP_tT_tT_tT_tT_t$	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 ...	145 10	196 12	205 10	210 13	215 17	240 10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chakdala ...	...	250 06	260 07	245 06	230 03	305 05	330 13	315 19	275 19	155 09	165 12	180 13	...	...	...	195 03	235 04	225 07	...	...	...	...	...	...	...	...
Chhor ...	225 13	230 11	255 11	260 08	290 06	...	...	...	...	...	105 05	100 04	165 04	215 07	245 08	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	225 04	255 03	315 06	325 08	305 09	255 04	265 04	270 01	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	215 12	215 16	230 19	215 14	280 16	305 15	...	...	...	145 03	205 04	230 04	255 12	270 11	220 14	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	No	Ascent	...	...	...	...	...	...	...	270 16	290 16	255 14	...	...	...	210 07	215 04	235 09	255 08	220 02	...	...	...	...	...	...
Dalbandin ...																200 07	185 07	180 09	210 12	250 09	...	...	...	...	...	...
D. I. Khan ...	190 09	175 08	170 11	165 12	165 12	145 04	305 03	305 21	310 18	...	...	...	285 15	...	310 21	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	220 01	200 04	205 11	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	170 08	190 04	185 04	247 04	245 10	290 07	265 10	270 13	270 15	145 08	245 04	265 05	260 10	275 04	360 05	135 01	015 01	350 02	340 02	035 03	140 06	130 08	145 13	...	...	...
Jessore ...	235 15	240 17	240 21	265 21	...	...	...	...	...	...	...	...	...	...	...	205 09	205 08	250 09	215 08	...	...	...	...	...	...	...
Jhelum ...	145 06	155 06	160 04	336 13	310 13	335 06	295 05	360 09	230 33	030 02	345 03	325 04	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	160 16	160 10	140 05	160 16	335 17	160 10	240 19	140 09	360 14	125 05	170 09	...	...	...	...	108 06	110 05	090 05	250 07	...	...	...	...	...	...	...
Karachi ...	245 17	240 17	270 15	295 17	...	...	...	...	...	270 21	280 20	290 16	290 09	355 06	355 04	260 17	260 11	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	330 06	350 09	360 09	350 06	255 05	310 22	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	270 10	335 04	360 10	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	105 06	090 05	080 04	030 07	060 11	033 12	010 16	260 06	315 07	035 02	345 04	325 04	340 01	335 09	001 05	045 06	020 04	260 05	205 11	330 05	335 07	...	...	...	...	...
Multan ...	030 05	065 07	075 07	115 06	110 08	050 09	360 25	310 21	300 21	138 10	105 07	115 05	185 03	025 03	005 07	135 03	050 05	045 03	350 01	100 02	...	...	...	...	...	...
Nawab Shah ...	180 03	126 04	065 04	230 06	255 09	305 08	310 18	/// //	...	005 02	050 03	115 01	230 02	250 06	310 03	175 03	055 03	035 03	045 04	040 05	125 05	305 02	220 05	280 05	...	...
Nokkundi ...	...	...	320 26	340 17	340 19	340 17	350 18	345 14	020 21	...	...	350 23	350 23	010 19	345 09	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	075 05	155 06	175 07	225 0:	305 09	285 07	320 15	250 23	...	320 08	270 05	300 02	360 03	260 06	...	015 03	015 09	330 06	375 06	255 08	265 21	270 25	280 24	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	310 19	320 05	300 11	360 09	320 14	...	...	...	...	215 06	300 07	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	070 02	085 02	070 04	015 06	345 11	355 13	360 10	280 19	245 29	125 02	125 07	345 07	345 06	345 06	325 08	285 02	300 03	345 02	320 12	315 04	330 08	315 09	320 13	310 16	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	065 04	260 05	250 09	235 10	245 11	235 09	...	...	...	...	...

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—(height)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

Te—Approximate earth 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

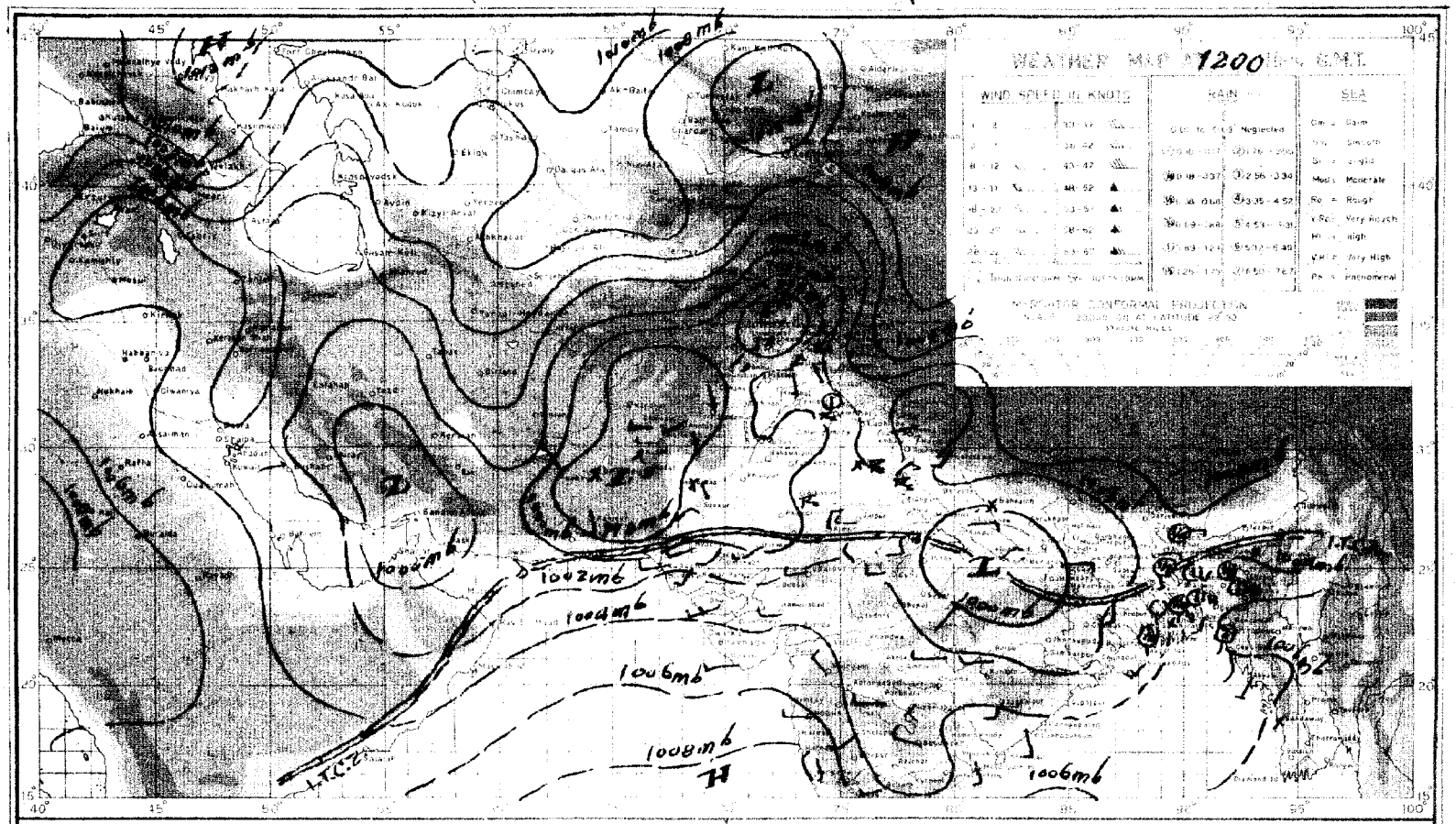
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East

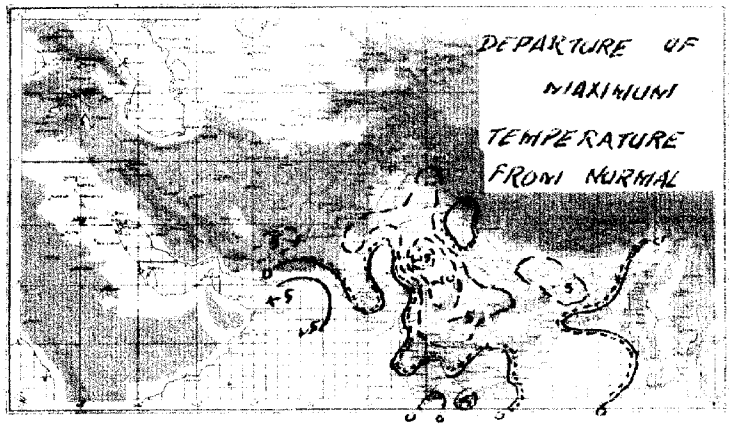
The next three figures give the wind speed "fff" in knots or in knots increased by 500.

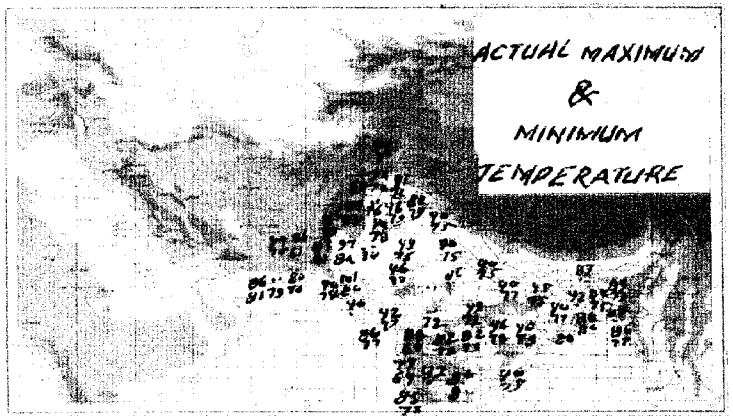
The accuracy of individual entries in this report cannot be guaranteed Corrections can be obtained, if necessary, on application to the Meteorologist, Main Analysis Centre, University Road Karachi—32.

PAKISTAN DAILY WEATHER MAP

TUESDAY 7th SEPTEMBER, 1971

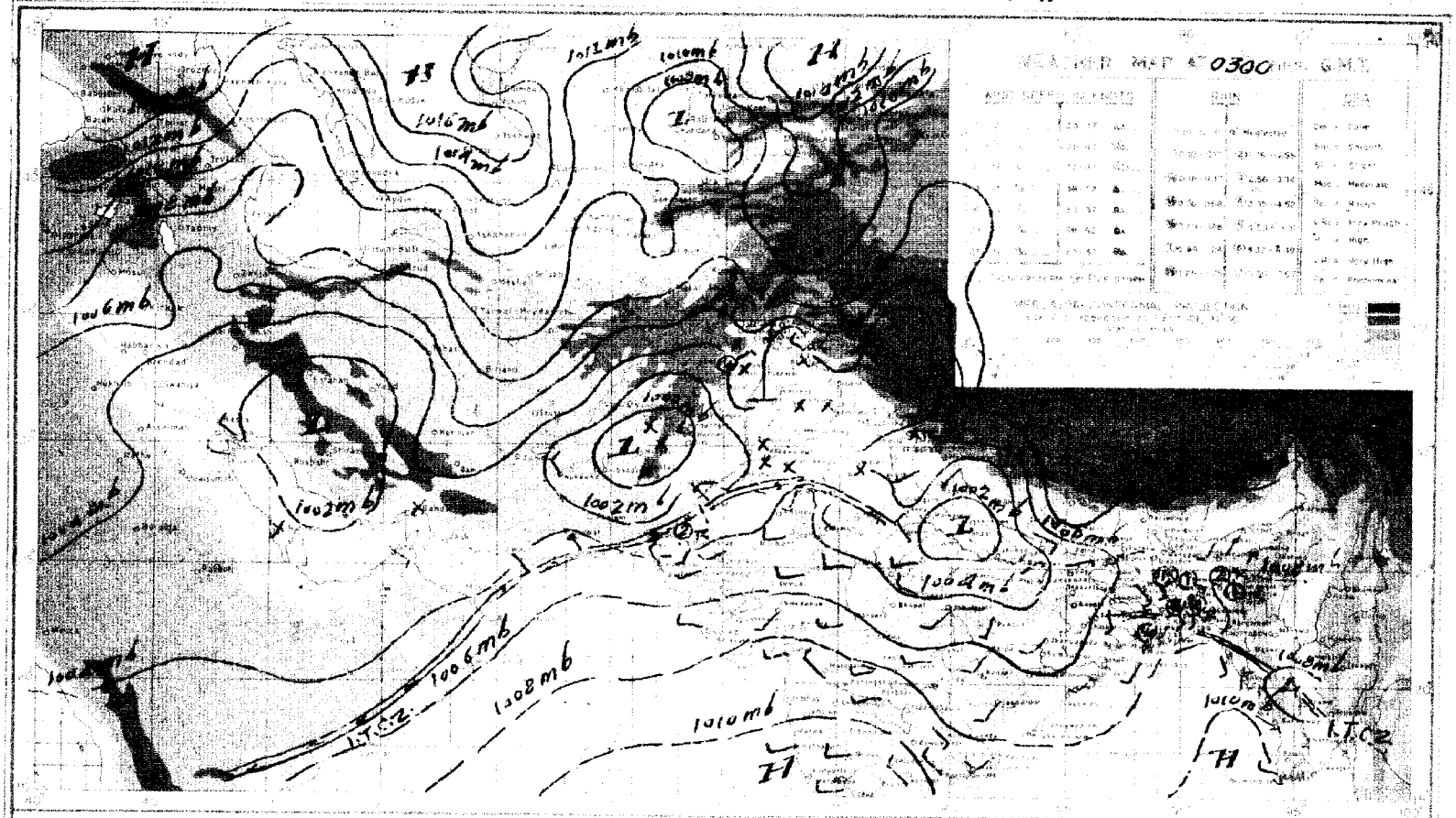


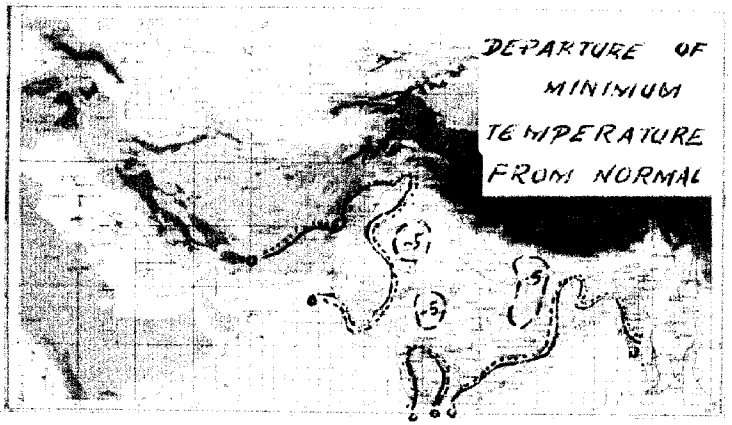


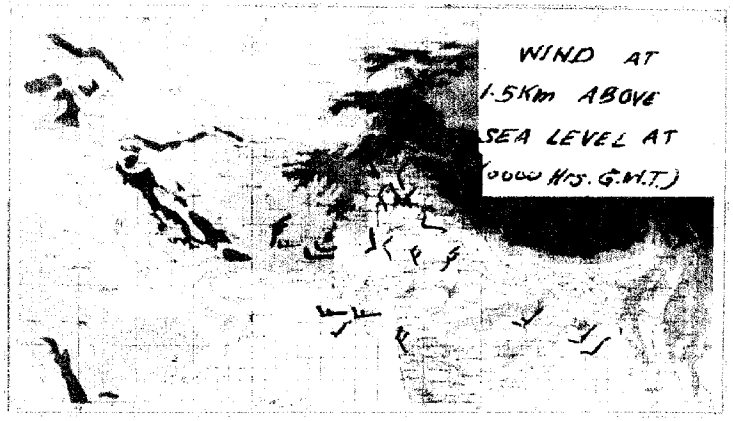


PAKISTAN DAILY WEATHER MAP

WEDNESDAY 8th SEPTEMBER, 1971.







Pages 1—2 Rs. 3/- per month
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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467

2-FEB 9
Copy — 1972

THURSDAY THE 9th SEPTEMBER, 1971.

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

Yesterday's low over East Uttar Pradesh and adjoining areas has moved northeastwards and now lies over Nepal and adjoining Uttar Pradesh. Scattered rain/thundershowers have occured in East Pakistan.

Yesterday's secondary western disturbance over Russian Turkistan has moved northeastwards and now lies north of Kashmir. Its associated trough lies over Malakand division and adjoining areas.

Thunderstorm/showers have been local in Rawalpindi division and scattered in Lahore, Malakand, Peshawar and Khairpur divisions.

Chief amounts of rainfall are Mymensingh 1", Rawalpindi ½" and Sylhet, Srimangal and Rangpur ¼" each.

Day temperatures were generally 3—6 °F (2—3 °C) above normal in East Pakistan outside Rajshahi division and in Hyderabad division and were to the same extent below normal in Sargodha, D. I. Khan, northern Kalat and Khairpur divisions.

Forecast valid until the evening of the 10th September, 1971 :—Rain/thundershowers will be fairly widespread over East Pakistan and scattered in Malakand, Peshawar and Rawalpindi divisions and in Kashmir.

Earth Quake Report The seismographs of the geophysical centre, Quetta have recorded an earth quake of severe intensity on 8th September, 1971 at 16 hours 58 minutes WPST with its epicentre about 4000 miles southeast of Quetta near Celebes. Another earth quake of moderate intensity was also recorded on 8th September, 1971 at 17 hours 55 minutes with its epicentre about 550 miles west of Quetta in southeastern Iran.

Karachi-32
The 9th Septembre, 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 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 † (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 in tens of degree (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 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	...																	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Cox's Bazar	...	000	0	4	22	03	96	02	1	057	84	3	4	4	3	0	79	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 0					140
	Chittagong	...																																		—					108
	Maijdan Court	...	000	9	5	18	05	96	02	0	037	86	7	8	9	5	6	90	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					115
	Comilla	...	000	0	0	08	01	//	//	1	050	84	0	0	9	0	0	79	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					94
	Brahmanbaria	...																																		—					78
	Sylhet	...	017	9	6	00	00	96	02	6	042	81	3	2	6	3	0	63	81	021	9	8	09	05	96	0	6	081	79	6	7	4	2	1	75	75	—	—				—
	Srimangal	...	199	3	5	00	00	96	02	1	040	82	3	9	4	2	4	81	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1					98
Dacca	Mymensingh	...	015	3	5	00	00	97	02	6	038	84	5	4	4	0	0	79	86	100	9	7	00	00	97	03	2	079	84	7	5	5	0	0	79	79	+ 3	—				91
	Narayanganj	...	000	0	6	13	02	96	02	2	043	82	3	6	6	3	1	81	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					74
	Dacca (Tejgaon)	...	000	0	5	18	02	97	02	2	043	84	1	3	5	0	3	79	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					—
	Faridpur	...	000	0	3	18	02	97	61	1	049	84	3	4	6	0	0	79	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						71
Khulna	Barisal	...																																							81
	Khulna	...	000	0	0	00	00	97	02	0	003	84	0	0	9	0	0	79	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					68
	Satkhira	...																																							65
	Jessore	...	000	0	5	13	03	97	03	1	035	88	5	6	4	0	1	79	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						65
Rajshahi	Pabna	...																																							59
	Sirajganj	...																																							64
	Rajshahi	...	000	0	4	18	02	96	02	2	028	90	4	6	5	0	0	77	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Bogra	...	000	0	6	00	00	96	02	2	035	84	4	6	4	3	0	81	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1					69
	Dinajpur	...	000	9	3	00	00	96	01	1	026	84	3	0	9	1	1	77	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					72
	Rangpur	...	012	7	5	09	02	96	01	6	022	82	5	0	9	1	0	79	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Jail Rd.)	...	000	0	3	31	03	98	01	1	008	93	3	4	7	0	0	72	99	000	0	0	00	00	97	02	0	040	82	0	0	9	0	0	76	78	+ 1	— 1	11.2	— 3.3	14.7	19
	Sialkot	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...	000	0	3	00	00	98	17	0	050	78	3	9	5	0	0	71	71	—	— 5	23.2	+ 1.7	29.1	32
Rawalpindi	Jhelum	...	000	0	4	23	02	92	02	0	997	84	2	1	7	1	0	69	96	009	2	7	27	02	98	29	9	049	71	3	5	6	1	0	46	68	—	—	20.1	—	24.7	—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	062	4	8	31	10	96	95	9	061	65	6	9	6	2	1	64	64	—	— 7	32.4	+ 10.3	29.1	36
	Rawalpindi	...	000	0	0	13	01	98	00	0	///	9.	0	0	9	0	0	98	01	000	0	8	00	00	97	00	0	///	75	0	0	9	0	0	75	70	—	—	—	—	—	—
	Campbellpur	...																																							—
Sargodha	Khushab	...	000	0	0	00	00	97	00	0	005	93	0	0	9	0	0	77	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						15
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	05	05	96	04	1	043	84	1	5	6	3	0	76	76	—	—	—	—	—	—
	Lyallpur	...	000	0	0	00	00	97	00	0	994	88	0	0	9	0	0	60	95	000	0	0	00	00	97	00	0	038	85	0	0	9	0	0	72	78	— 2	— 1	5.4	— 3.1	—	12
Multan	Sahiwal	...																																							10
	Multan	...	000	0	0	00	00	97	02	1	003	93	0	0	9	0	0	74	97	000	0	0	13	02	94	05	0	027	66	0	0	9	0	0	70	81	— 4	+ 1	4.8	+ 0.3	5.4	7
	Leiah	...																																							8
Bahawalpur	Khanpur	...	000	0	0	23	03	96	02	0	009	98	1	1	7	0	0	69	01	000	0	0	18	03	96	01	0	///	62	0	0	9	0	0	73	76	—	—	1.1	—	1.7	6
	Bahawalpur	...	000	0	0	05	05	96	01	0	016	94	0	0	9	0	0	70	95	000	0	0	00	00	96	00	0	021	89	0	0	9	0	0	70	81	—	—	0.0	— 4.1	2.1	6
	Fort Abbas	...	000	0	0	00	00	98	00	8	001	96	0	0	9	0	0	81	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—			8
Malakand	Chakdara	...	000	0	1	27	07	97	03	0	956	91	1	1	7	0	0	68	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
Peshawar	Peshawar	...	000	0	1	05	03	97	02	0	987	92	1	1	6	3	0	66	96	000	0	5	09	05	97	03	0	035	77	3	3	5	3	0	69	75	— 0	+ 1	6.5	+ 2.7	16.0	11
	Haripur	...	000	0	0	23	02	98	00	0	013	67	0	0	9	0	0	79	90	005	7	8	36	06	96	03	6	086	68	8	5	6	0	0	61	68	—	—				—
D. I. Khan	Bannu	...	000	0	3	13	02	99	02	2	016	92	0	0	9	0	5	67	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		—	0.5	—	0.5	11
	D. I. Khan	...	000	0	0	18	03	97	02	0	019	92	0	0	9	0	0	70	92	000	0	2	05	03	97	02	0	037	83	2	0	9	3	0	76	80	— 9	+ 2	2.1	— 3.0	4.3	9
Quetta	Sibi	...																																							5
	Nokkundi	...	000	0	0	31	03	98	02	0	///	95	0	0	9	0	0	56	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					0.2	2
Kalat	Turbat	...	000	0	0	27	03	98	00	0	992	03	0	0	9	0	8	67	03	000	0	0	23	03	98	00	0	048	86	0	0	9	0	0	77	84	—	—	0.0	—	0.0	—
	Jiwani	...	000	0	4	13	21	96	02	1	039	84	4	4	5	0	0	76	87	000	0	3	13	05	96	02	2	077	81	3	6	5	0	0	71	77	—	—	0.0	—	1.5	5
	Pasni	...	000	0	0	09	02	97	02	0	///	//	0	0	9	0	0	72	04	000	0	0	27	03	97	00	0	142	//	0	0	9	0	0	62	//	—	—	0.0	—	0.0	6
	Ormara	...	000	0	1	18	07	96	02	2	027	87	1	6	6	0	0	73	91	000	0	0	27	03	96	02	0	059	80	0	0	9	0	0	74	//	—	—	0.0	—	0.0	6
	Lasbela	...	000	0	0	23	03	98	00	0	019	98	0	0	9	8	0	72	00	000	0	2	00	00	98	00	0	061	78	0	0	9	0	0	72	77	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora)	...																																							8
	Karachi (Airport)	...	000	0	4	27	09	96	02	1	039	86	4	6	5	0	0	46	89	000	0	3	27	07	96	01	0	061	81	3	6	5	0	0	77	79	—	—	2.5	— 4.6	2.7	—
Hyderabad	Nagarparker	...																																							—
	Chhor	...	000	0	2	23	09	96	01	1	012	91	2	5	6	0	0	70	93	000	0	0	23	09	96	02	0	057	79	0	0	9	0	0	74	76	—	—	1.0	—	3.0	7
	Hyderabad	...	000	0	0	23	05	97	02	0	020	94	0	0	9	0	0	73	06	000	0	0	23	05	97	02	0	053	83	0	0	9	0	0	73	79	+ 3	+ 2	1.9	— 3.7	2.4	9
	Badin	...	000	0	4	23	09	96	01	1	040	90	4	4	6	0	0	73	93	000	0	1	23	07	96	03	0	067	81	1	6	5	0	0	76	78	—	—	1.7	—	1.7	—
Khairpur	Padidan	...	000	1	6	13	03	96	17	9	006	95	4	9	5	2	0	73	98	009	0	0	13	03	96	09	2	038	80	0	0	9	0	0	73	77	—	—	2.3	—	2.3	—
	Nawabshah	...	000	0	3	13	09	96	02	0	011	99	3	0	9	0	0	69	01	000	8	1	35	07	97	02	0	043	82	0	0	9	0	0	72	76	—	—	0.4	—	0.4	4
	Sukkur.	...	000	0	6	31	02	96	03	0	987	00	6	0	9	6	0	82	01	000	0	0	23	05	96	02	0	037	82	0	0	9	0	0	73	80	—	—	1.8	—	2.2	—
	Kashmore	...																																							4
	Jacobabad	...	000	0	0	13	02	96	05	0	001	97	0	0	9	0	0	77	99	000	0	0	18	05	96	05	0	036	83	0	0	9	0	0	74	81	— 5	+ 2	2.6	+ 0.4	2.6	20
Junagadh	Veraval	...																																							26
	HILL STATIONS																																								—
Kashmir	Srinagar	* ...																																							71
	Gulmarg	* ...																																							26
	Sonamarg	* ...																																							3
	Dras	* ...																																							6
	Leh	* ...																																							—
	Skardu	* ...																																							—
	Minagar	* ...																																							5
	Allahabad	* ...																																							89
	Gilgit	* ...																																							18
Rawalpindi	Murree	* ...	000	0	3	13	02	98	01	1	447	69	3	5	4	0	0	61	72	000	3	1	32	02	97	03	9	467	59	8	9	3	1	1	57	57	— 1	— 2	38.4	+ 6.2	46.8	29
Malakand	Drosh	* ...	000	0	7	27	10	97	03	1	412	85	6	8	7	6	0	35	94	000	0	4	08	08	98	01	1	470	71	3	1	6	3	0	53	68	+ 4	+ 1	1.6	—	10.2	—
Peshawar	Cherat	* ...	000	0	0	18	08	99	00	0	461	81	0	0	9	0	0	59	84	000	0	4	18	08	96	03	1	476	73	4	4	6	0	0	62	69	— 1	+ 2	11.2	+ 0.4	18.1	—
	Kakul	* ...	000	0	1	23	02	95	05	1	447	78	1	0	9	2	0	59	82	000	3	7	09	05	95	17	9	466	67	6	3	5	2	0	63	66	—	—	32.7	—	47.8	29
	Landikotal	* ...	000	0	1	18	05	98	03	0	435	87	1	0	9	3	0	82	90	000	0	4	09	05	97	03	0	450	76	4	2	/	3	0	67	66	—	—	13.1	—	22.7	13
	Parachinar	* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	001	0	2	13	02	97	01	1	481	65	2	5	6	0	0	55	61	—	+ 1	7.7	—	15.3	11
D. I. Khan	Miranshah	* ...	000	8	0	05	05	99	00	0	445	89	0	0	9	0	0	57	91	000	0	0	05	05	99	00	0	453	75	0	0	9	0	0	66	68	—	—	4.1	—	5.0	13
	Wana	* ...	000	0	2	13	02	98	00	0	409	83	2	5	8	0	0	68	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.9	—	1.6	—
Quetta	Fort Sandeman	* ...	000	0	1	00	00	97	02	0	420	91	1	5	8	0	0	68	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3		1.9	—	3.2	9
	Hindubagh	* ...	000	0	2	25	02	97	02	0	///	88	2	0	9	3	0	53	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		0.3	—	2.3	—
	Loralai	* ...																																					—	—	14
	Barkhan	* ...																																					—	—	9
	Harnai	* ...	000	0	0	13	01	96	02	0	441	91	0	0	9	0	0	71	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 7		0.0	—	6.2	8
	Samungli (Quetta)	* ...	000	0	1	31	03	97	01	0	435	87	0	0	9	0	0	68	88	000	0	0	00	00	96	05	0	473	66	0	0	9	0	0	57	60	— 8	+ 3	0.0	— 1.0	3.7	—
	Chaman	* ...	000	0	0	27	03	98	00	0	400	94	0	0	9	0	0	60	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2		0.0	—	2.0	—
	Nushki	* ...	000	0	0	31	03	95	05	0	486	96	0	0	9	0	0	40	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1		0.0	—	1.5	4
	Dalbandin	* ...	000	0	0	23	03	95	05	0	455	99	0	0	9	0	0	03	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1		0.0	—	0.5	7
Kalat	Kalat	* ...	000	0	0	31	03	92	00	2	421	82	0	0	9	0	0	44	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 7		0.0	— 1.1	1.4	—
	Khuzdar	* ...	000	0	2	13	14	96	01	0	427	67	1	5	6	3	0	53	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	1.4	—	2.0	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 9th SEPTEMBER, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99L$_a$L$_a$L$_o$	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$_s$	OT$_s$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
ARABIAN SEA														
MSDN	99 2 08	10 6 43	08 1 63	82 0 07	98 6 22	08 2 26	87 3 / /	...	...	...	0/ / 74	40 1 01	...	...

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 ...														
Dacca ...														
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	003 262 38	...	400 224 37	141 136 64	588 041 68	762 085 / /	979 245 / /	220 433 / /	454 567 / /	...	...	...	...
Multan ...														
Peshawar ...	00 00	963 000 27	...	400 210 59	097 088 60	580 113 / /	740 221 / /	954 202 321	...	...	...	...	...	...
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$_t$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

Heights in kms. a.s.l.—>	As 1200 hrs. G.M.T. † of Previous day (dd/ff)									At 0000 hrs. G.M.T. † of date (dd/ff)						As 0600 hrs. G.M.T. † of date (dd/ff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	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 ...	110 04	210 09	235 09	240 10	245 12	200 17	170 05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	270 04	255 06	280 04	205 04	305 06	270 06	300 07	220 21	...	115 11	135 15	...	...	...	...	115 13	100 14	085 06	075 09	...	...	...	...	...	...
Chikor ...	...	...	...	...	...	...	...	...	...	230 24	230 24	255 27	200 14	170 13	095 16	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	235 09	240 09	250 07	275 03	310 02	360 01	340 06	355 04	350 17	160 02	185 01	225 01	210 03	245 03	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	170 08	160 10	190 09	200 09	200 09	225 06	305 05	340 04	245 04	...	...	...	...	...	...	175 09	155 08	155 06	165 08	140 05	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	285 01	150 07	295 07	275 08	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	190 05	170 08	170 09	160 15	170 10	335 04	260 10	290 19	290 18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	255 12	195 06	205 10	245 04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jahurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	160 08	160 09	210 07	270 02	285 03	360 08	165 08	180 08	180 07	200 06	270 05	030 06	135 12	105 15	240 05	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	255 05	250 04	...	...	...	...	...	...	...	...	...
Jhelum ...	205 02	230 07	255 04	320 05	320 10	330 09	315 21	310 13	315 23	190 12	210 06	220 06	260 09	290 04	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	135 19	150 25	140 26	...	...	...	...	...	...	135 / /	110 08	185 04	325 05	025 04	330 04	155 03	...	...	...	...	...	...	...	...	...	...
Karachi ...	245 08	250 10	255 13	275 17	...	...	...	...	...	...	...	...	...	...	...	255 15	260 12	...	...	...	...	...	...	...	...	...
Khanpur ...	345 04	350 06	350 07	005 06	020 04	105 03	140 05	085 07	025 10	215 10	215 08	215 11	215 13	235 11	280 20	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	295 11	285 13	330 16	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	330 02	345 01	350 05	010 02	...	...	...	...	...	155 04	180 03	175 03	145 03	095 10	040 01	035 12	020 16	020 09	960 04	300 20	290 13	...	...	...	...	...
Multan ...	...	...	...	...	...	...	...	...	...	155 11	155 13	165 12	235 10	305 10	330 06	210 10	180 10	170 16	210 15	225 10	225 07	235 10	275 17	270 17	...	...
Nawab Shah ...	170 07	165 05	145 04	100 02	260 03	325 07	255 02	335 04	025 04	220 08	220 19	180 08	125 07	170 16	042 04	145 06	175 04	120 03	065 05	340 05	085 05	250 05	350 03	285 06	...	...
Nokkundi ...	...	...	325 04	325 04	205 02	305 05	360 12	215 27	015 25	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	065 04	150 06	170 07	215 06	300 10	300 11	320 11	325 12	...	310 04	208 04	190 09	150 08	295 05	...	090 04	335 04	230 06	245 06	300 07	330 14	260 11	265 12	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	150 02	030 05	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	280 03	360 09	265 04	350 15	340 28	...	...	...	...	290 05	305 06	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	310 14	255 04	240 04	285 04	325 04	325 10	310 11	295 02	265 18	150 04	175 06	175 04	090 03	245 06	310 10	080 17	110 15	210 01	215 14	278 08	275 16	290 12	265 18	290 19	...	...
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	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 ...	260 27	265 23	270 19	330 08	320 08	035 10	...	055 15	035 07	053 04	...		...	...	...	...	...	...	...	...	...
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$_s$—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

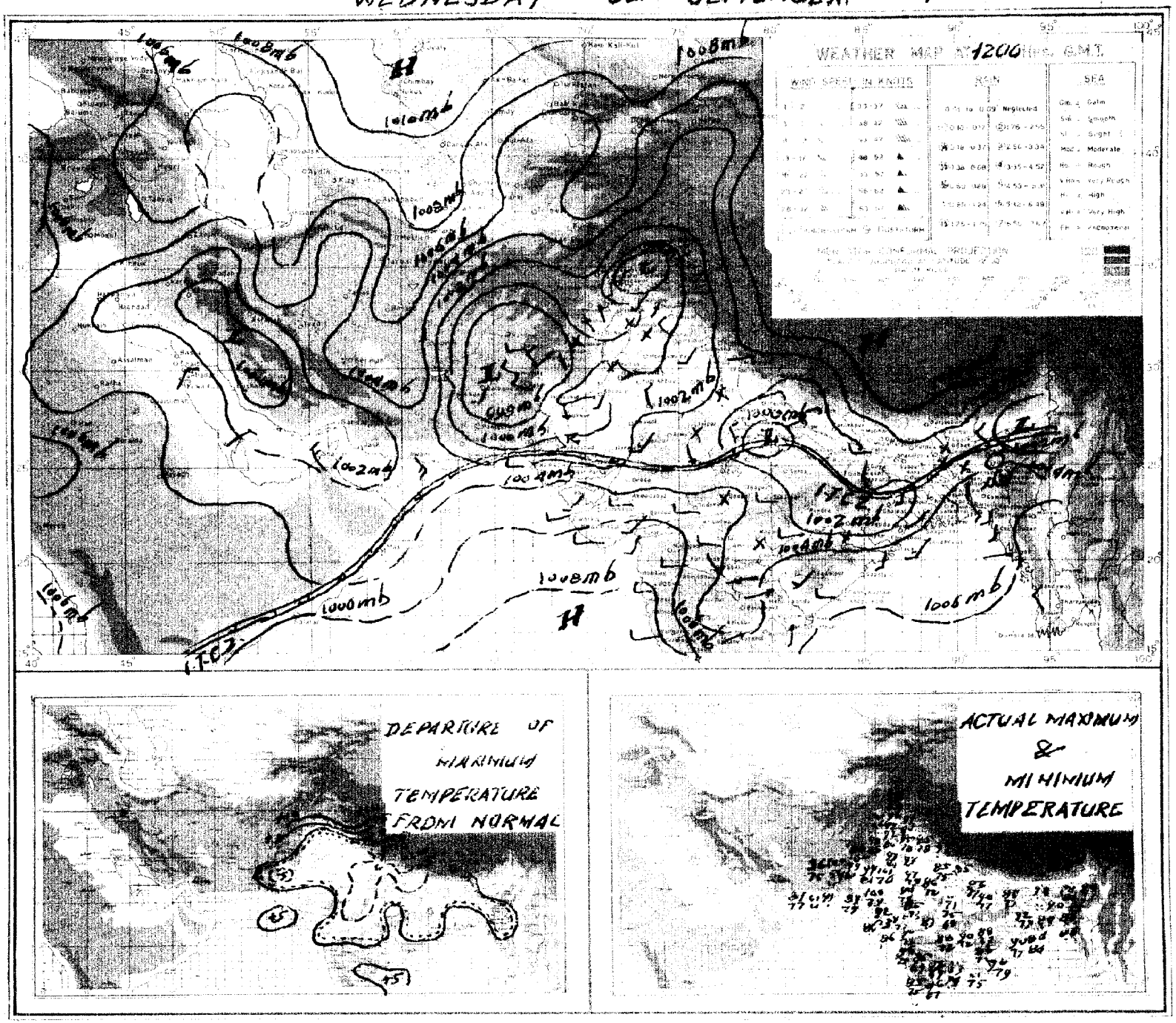
The actual time of observations may vary within half an hour of the specified time.

* 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.

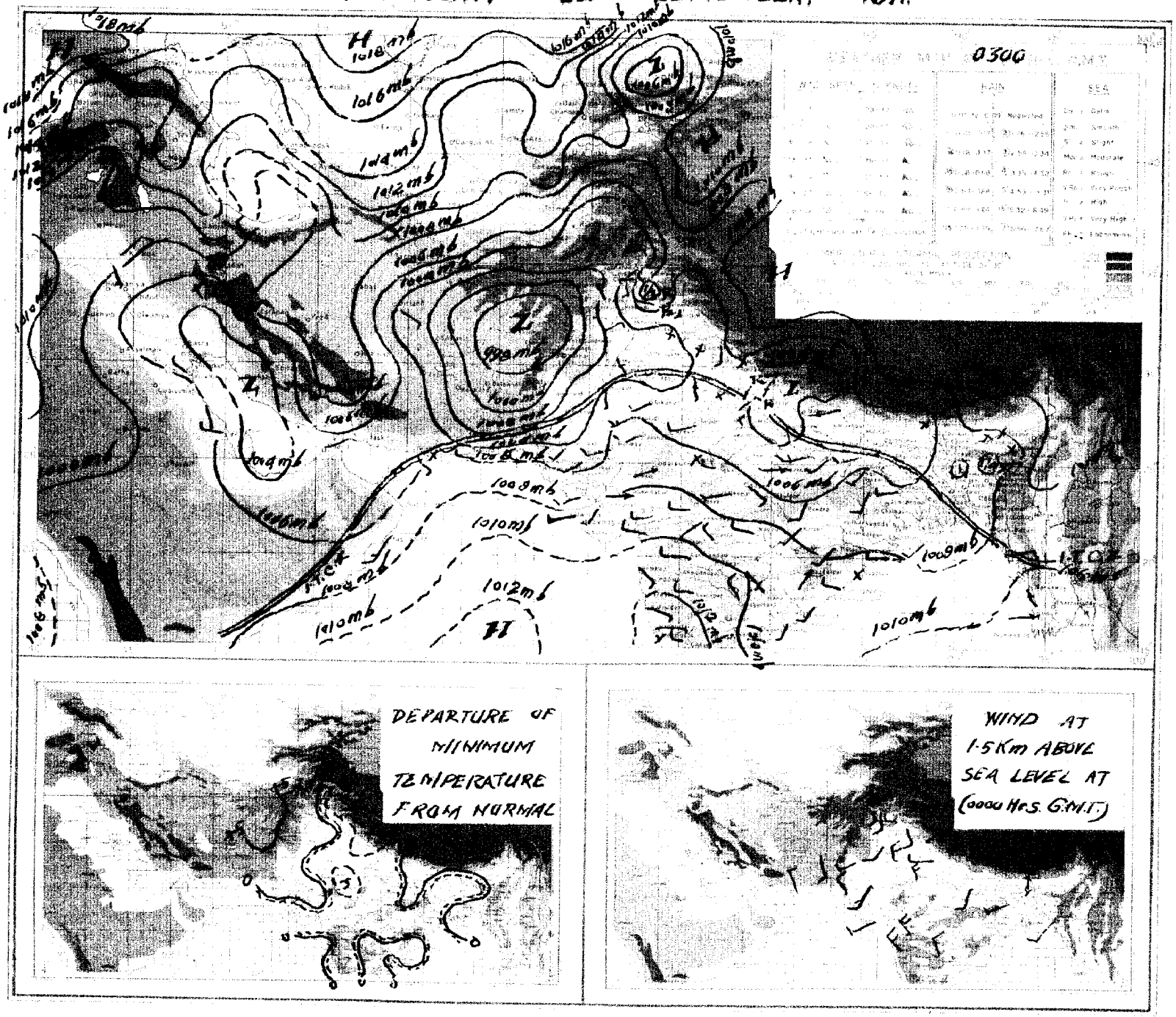
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 8th SEPTEMBER, 1971



PAKISTAN DAILY WEATHER MAP

THHRSDAY 9th SEPTEMBER, 1971.



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

2 - FEB 9
Copy 1972

FRIDAY THE 10th SEPTEMBER, 1971.

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

Yesterday's low over Nepal and adjoining Uttar Pradesh has moved further eastnortheastwards and lies over Nepal close to the foot of the Himalayas. Scattered rain/thundershowers have occured over East Pakistan.

The secondary western disturbance over Russian Turkistan is now moving away eastwards. Its associated trough persists over Kashmir and adjoining areas. Rain/thundershowers have been fairly widespread in Lahore, Rawalpindi and Sargodha divisions, local in Peshawar and D. I. Khan divisions and scattered in Bahawalpur division. Scattered thunderstorms have also been reported from Multan division.

Chief amounts of rainfall are : Lyallpur 2", Srimangal and Bogra ¾" each, Rawalpindi, Khushab, Chaklala and D. I. Khan ½" each and Barisal, Bahawalpur and Haripur ¼" each.

Day temperatures were generally 3—8 °F (2—4 °C) below normal in southern Lahore, Rawalpindi, Sargodha, Peshawar, D. I. Khan, Karachi and Khairpur divisions and were 3—5 °F (2—3 °C) above normal in Dacca, Khulna and northern Lahore divisions.

Forecast valid until the evening of the 11th September, 1971 :—Rain/thundershowers will be local in East Pakistan with isolated heavy falls. Local rain/thundershowers are also likely to occur in Lahore and Rawalpindi divisions and in Kashmir and will be scattered in Peshawar, Sargodha, D. I. Khan and Multan divisions. Drizzle may also fall in Karachi division.

Earth Quake Report Seismographs of the geophysical centre, Quetta have recorded an earth quake of severe intensity on 10th September, 1971 at 400 hours 12 minutes WPST with its epicentre about 4500 miles northeast of Quetta near Kurile Islands.

Karachi-32
The 10th Septembre, 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 † (GL)	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 † (GL)	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	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	7	18	05	96	02	2	098	80	5	5	4	4	0	75	76	—	+ 1				140
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...																								108
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	020	9	6	16	02	96	03	2	093	85	2	4	4	2	1	//	//	—	—				115
	Maijdee Court	...																																								94
	Comilla	...																																								78
	Brahmanbaria	...																																								—
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	010	4	7	00	00	56	17	9	080	79	6	3	5	2	0	77	75						
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	007	9	4	19	05	96	01	9	084	65	2	6	9	0	2	//	75	—	0				98
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	7	13	02	97	00	2	086	85	4	5	4	0	0	79	79	—	+ 1				91
	Narayanganj	...	000	0	8	23	02	96	02	2	054	30	6	6	5	3	1	79	000	0	6	13	02	97	02	2	082	86	3	6	6	3	1	80	80	+ 3	+ 1				74
	Dacca (Tejgaon)	...	000	0	7	18	05	97	03	2	052	84	3	4	5	1	8	79	000	0	7	18	05	97	03	2	081	85	5	8	4	3	0	79	80						—
	Faridpur	...	000	0	6	20	02	96	02	9	048	82	4	7	5	1	0	73	000	0	8	20	05	97	02	2	///	84	6	4	5	1	0	80	80	+ 2	+ 1				71
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	030	0	7	00	00	97	02	0	086	85	5	4	4	2	0	80	80	—	+ 2				81
	Khulna	...	025	5	4	13	05	97	02	0	003	79	0	4	4	0	0	79	080	0	4	00	10	97	02	0	073	84	0	4	4	0	0	80	80						68
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	18	04	97	02	1	074	85	4	3	9	2	0	80	//						65
	Jessore	...	000	5	7	13	02	96	02	9	051	82	3	6	4	2	0	79	000	0	4	23	03	96	03	1	074	86	2	7	9	0	3	63	80	+ 4	+ 1				65
Rajshahi	Pabna	...	000	1	6	18	05	97	01	9	///	84	6	3	6	0	0	79	000	9	3	18	02	98	03	9	///	84	3	2	7	3	4	80	75						59
	Sirajganj	...																																								64
	Rajshahi	...	000	0	7	13	02	96	02	2	041	88	4	4	5	1	1	79	000	0	0	00	00	96	02	0	068	86	4	5	5	3	/	80	77						
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	075	1	8	00	00	96	60	6	081	75	4	3	4	7	0	75	73	—	— 5				69
	Dinajpur	...	000	0	0	00	00	96	01	1	035	83	4	0	9	2	/	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				72
	Rangpur	...	040	6	0	09	02	96	01	6	025	83	6	0	9	2	0	83	110	7	6	09	02	96	01	6	068	//	8	5	6	2	0	79	75	+ 1	— 2				84
Kashmir	Jammu	...																																								—
Lahore	Lahore (Jail Rd.)	...	000	0	7	27	15	96	09	/	046	79	3	5	6	2	0	65	003	0	4	00	00	97	03	1	056	77	2	4	7	3	1	70	74	— 5	— 3	11.2	— 2.4	16.2	19
	Sialkot	...	015	00	5	00	00	99	03	1	030	85	5	0	9	1	0	70	115	0	4	00	00	98	01	1	///	//	0	0	9	0	0	//	//	— 6	—	22.4	+ 1.8	33.3	32
Rawalpindi	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	002	0	1	27	02	97	01	0	060	75	1	0	9	3	0	69	70			30.8	—	20.3	—
	Islamabad	...																																								36
	Rawalpindi	...	038	0	7	00	00	97	02	2	016	82	1	6	6	3	1	65	030	0	1	00	00	97	02	0	064	72	1	1	6	3	0	64	65	— 9	— 6	32.2	—11.0	39.4	—
	Campbellpur	...																																								—
Sargodha	Khushab	...																																								15
	Sargodha	...	003	4	7	13	07	97	02	9	005	81	1	5	6	3	0	64	002	9	1	09	03	96	04	0	052	74	1	0	9	3	0	66	67			9.2	—	12.2	—
	Lyallpur	...	198	6	6	36	02	97	02	9	016	77	6	9	6	0	0	63	198	9	0	00	00	97	00	9	052	77	0	0	9	0	0	66	70	— 3	— 7	7.5	— 1.1	23.0	12
Multan	Sahiwal	...																																								10
	Multan	...	000	0	4	23	12	95	05	1	005	96	3	4	6	3	0	73	//	000	8	4	09	02	96	05	9	041	79	2	0	9	3	1	67	75	—	— 5	4.9	+ 0.4	5.5	7
	Leiah	...																																								—
Bahawalpur	Khanpur	...	000	0	0	23	05	96	02	0	000	9	0	0	9	0	0	69	000	0	0	23	05	96	01	0	060	62	0	0	9	0	0	71	76			1.1	— 3.7	1.5	9
	Bahawalpur	...	000	0	0	00	00	96	00	0	965	99	0	0	9	0	0	66	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	— 4.1	2.1	6
	Fort Abbas	...	000	0	0	00	00	98	00	0	026	91	0	0	9	0	0	83	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						6
Malakand	Chakdara	...	010	0	1	27	05	97	03	1	999	89	1	1	7	0	0	63	000	0	2	23	05	97	01	1	044	70	2	0	9	3	0	65	66			11.7	—	14.6	—
Peshawar	Peshawar	...	000	0	6	05	05	97	02	9	002	85	4	9	6	2	0	64	000	0	1	00	00	97	02	0	046	74	1	1	6	0	0	66	72	— 7	— 2	8.2	+ 4.4	17.7	11
	Haripur	...	020	8	4	31	03	97	03	6	059	74	4	0	9	4	0	69	000	0	0	05	03	90	00	0	065	74	0	0	9	0	0	63	66			28.0	—	32.5	—
D. I. Khan	Bannu	...	006	1	6	05	06	98	51	9	057	73	2	3	6	7	0	66	000	0	0	00	00	99	00	0	018	70	0	0	9	0	0	67	69			5.0	—	3.8	11
	D. I. Khan	...	000	0	9	09	10	94	07	0	041	15	/	/	/	/	0	66	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 5	—	2.6	— 2.5	4.3	—
Quetta	Sibi	...																																								9
	Nokkundi	...	000	0	0	31	07	96	12	0	984	98	0	0	9	0	0	55	99	000	0	0	31	10	96	05	0	041	79	0	0	9	0	0	57	72			0.0	—	0.2	5
Kalat	Turbat	...	000	0	0	//	02	98	00	0	010	83	0	0	9	0	0	68	08	000	0	0	23	02	98	00	0	043	86	0	0	9	0	0	77	84			0.0	—	0.0	—
	Jiwani	...	000	0	0	18	10	97	01	0	050	13	0	0	9	0	0	72	86	000	0	6	18	03	96	02	1	074	80	6	6	5	0	0	71	79			0.0	—	1.5	3
	Pasni	...	000	0	0	27	02	97	00	0	942	74	0	0	9	0	0	//	00	000	0	0	27	02	//	02	0	//	72	0	0	9	0	0	71	//	— 10	—	0.0	—	0.0	6
	Ormara	...	000	0	1	20	12	96	02	2	044	85	/	6	6	0	0	75	68	000	0	0	25	06	96	06	6	071	80	1	6	9	0	0	76	//			0.0	—	0.0	6
	Lasbela	...	///	0	2	13	03	98	00	0	018	97	0	0	9	0	0	72	98	000	0	3	00	00	95	00	0	061	80	0	0	9	0	0	74	77			0.0	—	0.0	—
Karachi division	Karachi (Manora)	...																																								8
	Karachi (Airport)	...	000	0	5	23	10	96	03	1	051	85	5	6	5	0	0	78	83	000	0	5	27	02	96	03	0	075	81	5	6	5	0	0	//	86	— 5	+ 8	2.6	— 4.7	2.8	—
Khairpur	Nagarparkar	...																																								—
	Chhor	...	000	0	0	23	03	96	00	0	044	94	0	0	9	0	0	93	99	000	0	2	23	07	96	03	0	///	80	2	5	5	0	0	73	74			2.5	—	3.0	7
	Hyderabad	...	000	0	2	23	07	96	01	1	034	92	2	1	6	0	0	71	93	000	0	0	23	05	97	02	0	063	81	0	0	9	0	0	72	78	— 4	+ 1	2.0	— 3.7	2.4	9
	Badin	...	000	0	4	23	09	96	01	1	049	91	4	4	9	0	0	71	93	000	0	1	23	07	96	03	0	076	81	1	0	9	0	0	74	77			1.7	— 5.2	1.7	—
	Padidan	...	000	0	2	23	02	96	02	0	019	97	1	1	0	0	0	69	99	000	0	0	13	05	96	02	0	044	79	0	0	9	0	0	72	77			2.1	—	2.1	—
	Nawabshah	...	000	0	0	18	09	96	02	0	016	00	0	0	9	0	0	73	03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.7	—	0.7	4
	Sukkur	...	000	0	0	13	05	96	05	0	004	95	0	0	9	0	0	72	99	000	0	0	23	05	96	02	0	048	83	0	0	9	0	0	73	79			1.8	—	2.2	—
	Kashmore	...	000	0	0	23	02	98	02	0	020	98	0	0	9	0	0	72	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	—	0.0	4
	Jacobabad	...	000	0	8	13	05	96	05	0	000	95	0	0	9	0	0	71	98	000	0	0	09	07	97	02	0	051	81	0	0	9	0	0	74	79	— 6	0	2.6	+ 0.4	2.6	—
Junagadh	Veraval	...																																								20
	HILL STATIONS																																									26
Kashmir	Srinagar	* ...																																								—
	Gulmarg	* ...																																								71
	Sonamarg	* ...																																								26
	Dras	* ...																																								3
	Leh	* ...																																								6
	Skardu	* ...																																								—
	Misgar	* ...																																								—
	Allabad	* ...																																								5
	Gilgit	* ...																																								59
Rawalpindi	Murree	* ...	000	6	5	00	00	97	02	9	449	65	3	1	4	0	0	53	67	000	0	0	05	02	98	00	1	468	63	0	0	9	0	0	48	//	— 6	—	40.5	+ 8.1	49.0	18
Malakand	Drosh	* ...	000	0	0	00	00	97	02	1	416	86	4	8	7	0	0	43	91	///	0	1	00	00	99	02	0	419	72	1	1	6	0	0	48	68	— 1	+ 1	1.0	—	10.2	29
Peshawar	Cherat	* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	36	03	90	00	0	477	68	0	0	9	0	0	58	64	—	— 3	8.5	— 2.4	16.3	—
	Kakul	* ...	000	0	4	18	03	96	05	1	727	2	2	5	3	0	0	55	79	000	0	2	29	02	98	01	0	474	69	0	0	9	3	0	57	61			39.5	—	44.0	29
	Landikotal	* ...	000	0	4	09	05	97	02	2	443	85	4	0	/	2	0	81	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			10.6	—	20.5	13
	Parachinar	* ...	000	4	5	13	07	97	17	9	498	69	1	6	3	0	0	63	79	000	0	0	00	00	//	02	0	466	59	0	0	9	0	0	54	//	— 4	—	11.2	—	18.7	11
D. I. Khan	Miranshah	* ...	011	0	8	05	05	97	01	1	433	72	8	0	9	0	0	57	91	000	0	0	05	05	99	00	0	440	67	0	0	9	0	0	61	63			4.1	— 0.1	5.0	13
	Wana	* ...	020	0	2	18	02	98	00	0	409	72	2	5	8	0	0	63	88	000	0	0	00	00	98	00	0	455	65	0	0	9	0	0	58	61			0.9	—	1.6	—
Quetta	Fort Sandeman	* ...	000	0	1	27	05	97	03	0	412	91	1	1	7	0	0	//	92	000	0	0	31	02	96	05	0	470	//	0	0	9	0	0	58	66	— 2	— 1	1.9	— 2.9	3.2	9
	Hindubagh	* ...	000	0	1	25	05	98	02	0	///	85	1	0	9	0	1	//	86	000	0	0	25	02	97	02	0	///	79	0	0	9	0	0	43	61			0.3	—	2.3	—
	Loralai	* ...																																								14
	Barkhan	* ...																																								9
	Harnai	* ...	000	0	0	23	01	96	02	0	440	88	0	0	9	0	0	62	93	000	0	0	05	01	96	02	0	446	78	0	0	9	0	0	74	76			0.0	— 7.0	6.2	8
	Samungli (Quetta)	* ...	000	0	1	27	07	96	02	0	449	88	1	1	6	0	0	63	89	000	0	0	13	03	96	05	0	472	68	0	0	9	0	0	57	59	+ 1	+ 2				—
	Chaman	* ...	000	0	0	00	00	98	00	0	419	54	0	0	9	0	0	64	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	— 0.1	2.2	—
	Nushki	* ...	000	0	0	00	00	95	05	0	496	96	0	0	9	0	0	40	98	000	0	0	18	02	92	00	2	446	67	0	0	9	0	0	37	63	+ 2	—	0.0	—	1.5	4
	Dalbandin	* ...	000	0	0	23	05	95	05	0	459	98	0	0	9	0	0	69	99	000	0	0	31	02	96	05	0	449	67	0	0	9	0	0	//	60	— 2	— 3	0.0	—	0.5	7
Kalat	Kalat	* ...	000	0	0	27	02	91	00	2	421	88	0	0	9	0	0	48	85	000	0	0	18	02	92	00	2	446	64	0	0	9	0	0	37	//	— 1		0.0	— 1.4	1.4	—
	Khuzdar	* ...	000	0	5	09	02	96	03	1	429	92	5	5	7	0	0	42	93	000	0	0	27	02	96	02	0	446	72	0	0	9	0	0	63	70			1.4	—	10.0	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.

Those 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 here for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 10th SEPTEMBER, 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$_s$C$_b$h$_s$	OT$_s$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

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	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 ...	00 00	MISDA	...											
Dacca ...	00 00	004 270 18	...	415 156 28	083 092 57	578 057 //	750 159 //	...	...	...	...	...	...	...
Gilgit ...									...	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	003 302 56	...	420 238 57	142 126 57	587 005 61	761 115 //	977 217 //	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	96 228 34	...	410 212 63	110 094 59	579 111 //	746 245 //	953 313 //	231 477 //	...	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels.							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
		PPP TTT$_a$ DD											
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 (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 1	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 ...	...	...	...	...	...	...	...	...	...	230 05	230 09	215 09	270 08	290 09	275 09	165 11	185 09	230 07	260 09	...	...	...	...	...	...	...
Chakdara ...	...	115 03	065 04	055 06	095 08	145 04	...	...	...	...	065 06	100 05	110 08	105 11	225 07	...	135 04	...	130 09	140 06	090 04	260 04	280 15	275 14	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	195 33	195 10	190 17	197 10	...	...	...	...	...	150 09	215 03	275 12	320 06	320 06	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	200 13	210 13	230 13	255 16	265 15	...	...	...	...	125 11	145 04	160 04	310 03	315 05	340 03	230 17	230 15	210 12	200 15	...	...	...	...	...	...	...
Dacca ...	...	...	...	...	...	...	...	...	...	245 13	250 15	270 13	...	300 06	...	230 10	225 15	225 18	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	275 09	276 08	2 5 10	315 16	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	090 13	105 15	105 16	...	...	...	...	...	...	200 09	205 09	101 00	145 09	...	160 12	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	225 12	210 08	190 06	...	...	...	...	...	...	220 12	200 04	210 03	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	040 04	015 60	290 01	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	140 14	170 12	170 51	240 08	050 04	325 02	220 03	310 06	325 11	...	...	...	...	...	...	100 09	160 04	155 05	140 08	290 03	250 04	120 08	185 11	260 21	...	...
Jessore ...	195 13	215 14	240 11	240 13	...	...	...	...	...	305 02	065 03	145 12	130 13	145 03	220 04	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	190 11	145 07	100 02	270 02	330 03	025 05	335 10	085 19	047 15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	255 19	250 18	265 11	...	...	...	...	...	...	270 14	260 19	260 17	290 13	320 13	260 19	250 16	265 08	...	...	...	...	...	...	...	...	...
Khanpur ...	240 06	235 07	...	225 08	225 06	255 02	028 06	005 06	335 07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	265 08	300 07	315 09	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	135 07	130 04	065 04	315 09	290 14	325 13	...	...	...	185 02	...	065 02	100 03	125 03	145 09	230 04	275 10	300 06	315 13	...	275 04	335 06	...	...	...	...
Multan ...	185 09	205 11	225 22	200 08	225 09	230 11	220 15	235 22	240 28	110 07	145 14	185 23	210 26	220 31	...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	185 08	195 06	220 08	305 02	305 06	...	325 05	310 07	280 06	195 21	195 05	180 04	005 05	060 08	050 07	180 08	215 05	220 04	320 01	...	...	...	...	...	...	...
Nokkundi ...	...	...	330 12	330 12	315 14	310 16	355 12	055 16	020 10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	350 11	340 06	090 06	010 03	305 07	...	...	...	...	325 08	340 05	020 05	225 03	300 04	...	260 06	335 06	275 02	015 06	315 07	280 06	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	285 07	255 19	190 03	250 18	300 11	...	...	...	...	170 12	220 11	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	150 13	163 08	200 05	290 11	320 01	315 20	310 22	...	635 29	180 01	180 05	180 06	130 09	220 08	295 12	255 02	245 06	015 09	520 01	275 06	310 07	305 13	305 19	315 19	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	No	Accent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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 (Hhii Cdd 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

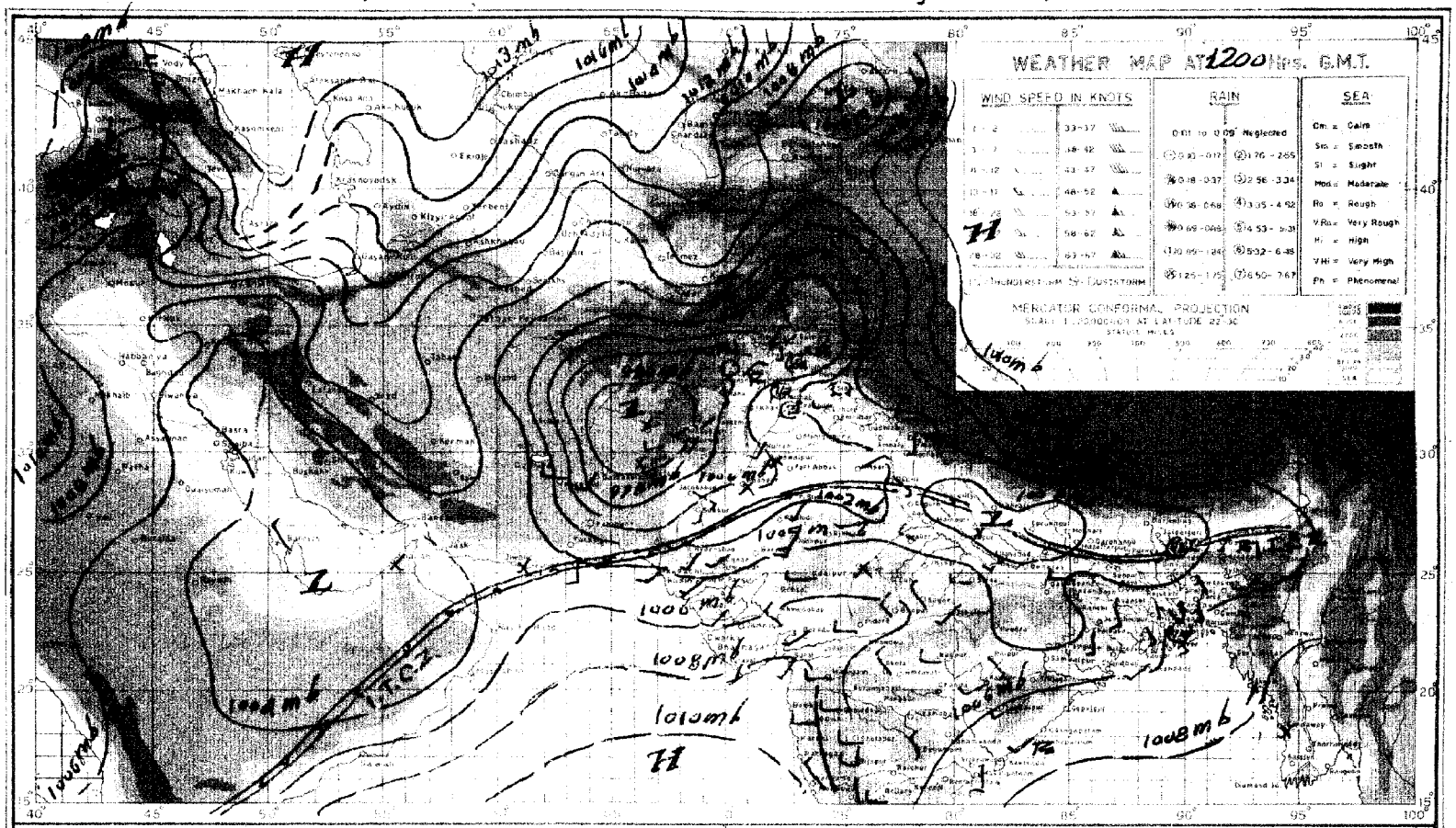
The actual time of observations may vary within half an hour of the specified time

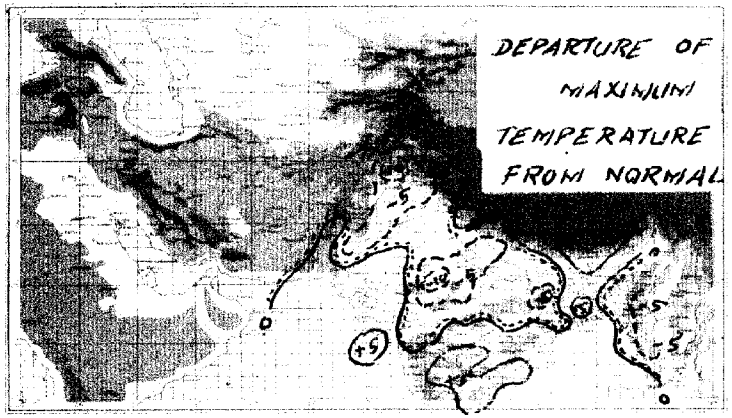
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

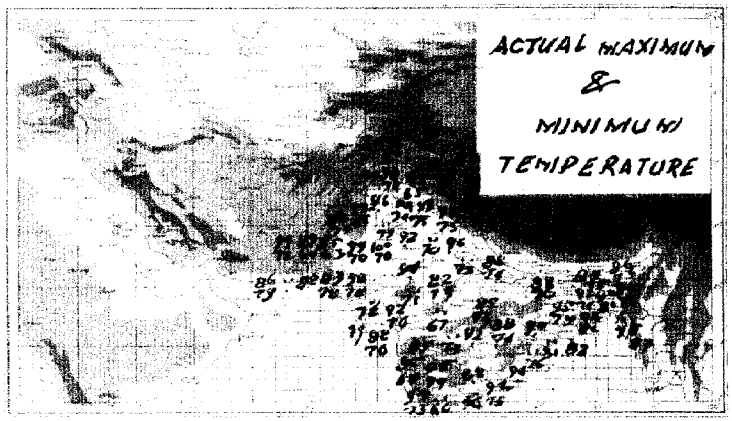
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

PAKISTAN DAILY WEATHER MAP

THURSDAY 9th SEPTEMBER, 1971.

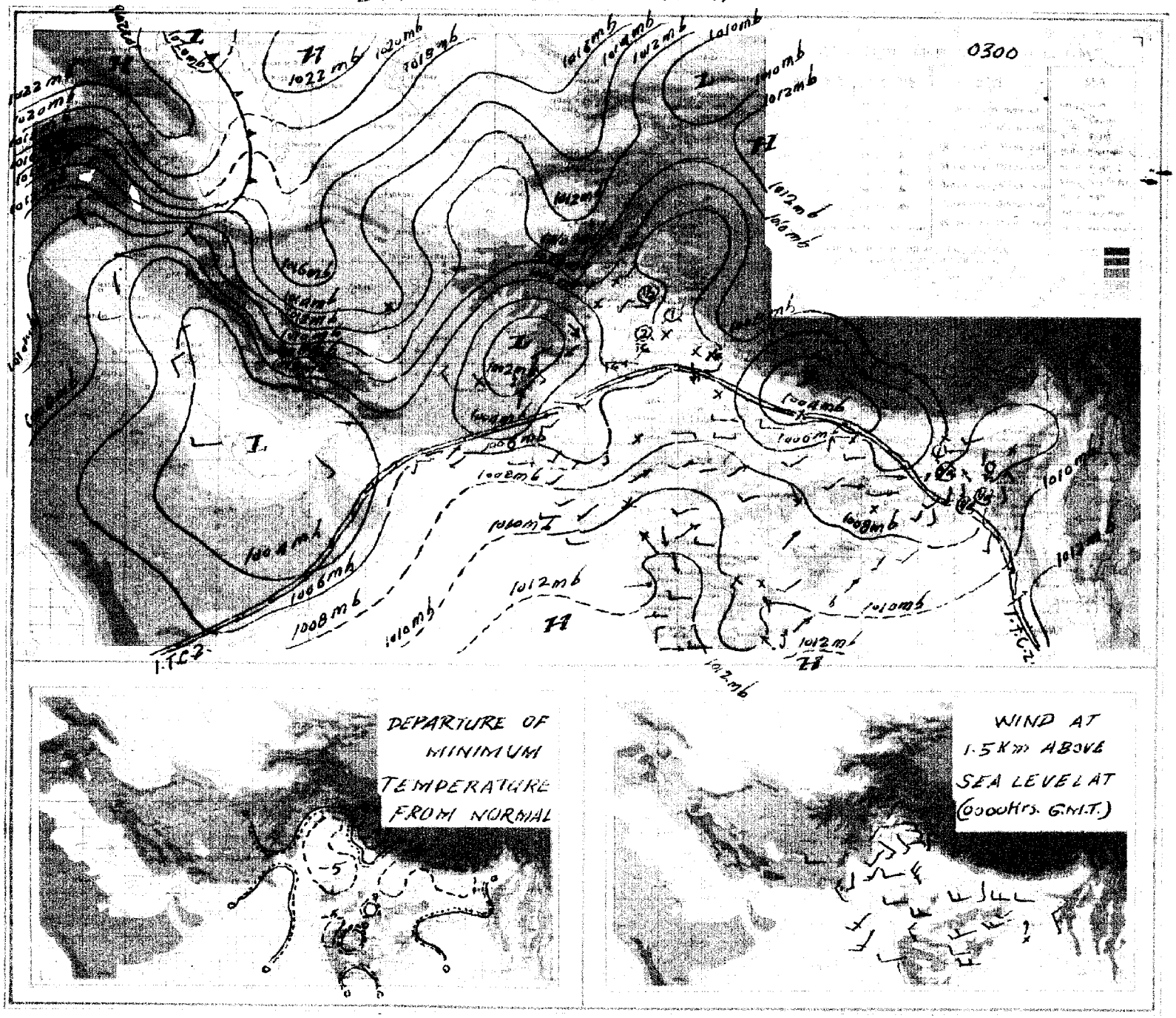






PAKISTAN DAILY WEATHER MAP

FRIDAY 10th SEPTEMBER, 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 26

2-FEB 9
Copy 1972

SATURDAY THE 11th SEPTEMBER, 1971.

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

Yesterday's low over Nepal has moved eastwards and now lies over East Nepal and adjoining Bihar and West Bengal.

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

The western disturbance over Russian Turkistan moved away eastwards last evening. Its associated trough over Kashmir and adjoining areas has moved eastwards and today lies over Kashmir.

Rain/thundershowers have been fairly widespread in Rawalpindi and Peshawar divisions and scattered in Lahore, Bahawalpur and Malakand divisions. A few falls of drizzle have also been reported from Karachi.

Chief amounts of rainfall are Rangpur 3", Sylhet, Sirajganj and Cherat 1½" each, Barisal and Ishurdi 1" each, Sandwip and Kakul ¾" each, Srimangal, Rangamati, Hatiya, Cox's Bazar, Bhola, Campbellpur, Rawalpindi and Bahawal Nagar ½" each and Maijdee Court, Chandpur, Murree and Peshawar ¼" each.

Day temperatures were generally 3—9 °F (2—5 °C) below normal in Chittagong, Dacca, Bogra, Lahore, Sargodha, Multan, Peshawar, western Quetta, Karachi and Khairpur divisions.

Forecast valid until the evening of the 12th September, 1971 :—Rain/thundershowers will be fairly widespread over East Pakistan. Scattered thunderstorms/-showers are likely in Rawalpindi, Peshawar, Sargodha, D. I Khan and Multan divisions and in Kashmir. A few falls of light rain/drizzle are also likely to occur over coastal Kalat and Karachi divisions.

Karachi-32
The 11th Septembre, 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 °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 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 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	035	1	7	18	09	97	02	6	069	75	5	7	5	7	1	75	89	015	0	6	13	09	98	02	2	091	81	4	4	6	7		77	75	—	—				—
	Cox's Bazar	005	6	7	18	06	94	02	5	079	81	5	3	4	3	0	73	82	042	9	8	14	03	96	50	5	092	77	5	4	4	2	0	75	77	— 4	+ 1				140
	Chittagong	005	5	7	16	05	96	02	6	078	81	5	4	4	6	0	75	84	003	1	7	13	10	96	60	6	087	77	7	7	3	6	0	75	75	//	— 2				108
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	020	0	8	15	02	95	91	2	064	79	6	6	5	2		77	79	—	+ 1				115
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	13	05	96	02	2	075	81	6	4	5	0	0	81	77		0				94
	Brahmanbaria																																								78
	Sylhet	016	9	8	00	00	96	59	9	060	84	6	7	3	4	2	75	82	140	9	8	00	00	96	60	6	067	77	6	7	4	2	/	75	73	—	—				—
	Srimangal	045	9	7	00	00	96	29	9	062	77	2	4	3	2	1	79	90	099	9	7	13	09	96	03	9	069	81	3	5	3	7	2	75	75	— 1	0				98
Dacca	Mymensingh	000	0	2	13	02	97	02	1	056	84	2	5	7	0	0	81	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3					91
	Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	005	1	8	13	02	97	03	5	065	81	8	6	3	/	/	77	75	—	— 4				74
	Dacca (Tejgaon)	005	9	7	23	05	97	02	2	049	85	5	8	4	7	0	75	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
	Faridpur	015	5	8	16	05	96	20	6	044	82	2	4	5	1	0	81	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					71
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	124	7	9	15	03	96	61	6	071	75	7	6	3	2	/	75	73	—	— 6				81
	Khulna	010	4	4	13	05	97	02	0	025	82	2	2	4	0	0	81	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						68
	Satkhira																																								65
	Jessore	012	7	6	13	03	96	01	9	047	82	3	6	4	2	0	81	90	035	9	8	00	00	96	03	9	///	86	3	6	4	7	/	79	75	+ 1	— 4				65
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	9	7	29	05	98	03	9	///	80	7	0	9	9	0	77	77	—	—				59
	Sirajganj	000	0	8	00	00	97	03	2	048	88	8	6	7	0	0	82	84	130	9	6	00	00	98	02	2	059	82	6	4	5	0	0	79	73	— 4	— 5				64
	Rajshahi	023	3	8	16	03	97	29	7	053	///	7	7	3	3	/	75	91	004	2	7	00	00	96	01	6	053	81	4	4	5	2	/	79	77	—	—				—
	Bogra	005	6	1	00	00	96	02	2	044	91	2	2	4	7	0	63	81	005	9	7	23	05	97	01	2	055	79	4	5	4	7	0	75	73	— 8	— 5				69
	Dinajpur	046	4	8	13	02	95	60	9	///	//	8	0	7	7	/	77	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					72
	Rangpur	140	9	0	29	07	96	29	9	027	82	7	7	6	0	0	81	91	320	6	7	11	05	96	01	6	060	84	7	0	9	2	0	81	73	— 8	— 4				84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	3	36	02	97	01	1	036	89	3	0	9	3	0	70	90	000	3	7	09	06	96	95	9	007	//	5	9	6	2	0	57	71	— 8	— 4	11.2	— 2.5	16.2	19
	Sialkot	000	0	2	00	00	98	00	1	990	//	0	0	9	0	0	69	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4			—	33.3	32
Rawalpindi	Jhelum	000	0	1	00	00	98	02	0	032	90	1	1	7	0	0	60	94	000	0	6	00	00	99	03	1	074	74	2	1	8	2	8	81	70	—	—	3.8	—	20.3	—
	Islamabad																																								—
	Rawalpindi	000	0	1	00	00	97	02	0	033	///	1	1	6	0	0	66	//	055	4	7	09	05	97	29	9	090	64	2	3	6	7	0	61	63	//	— 7	32.8	+11.3	39.9	36
	Campbellpur	000	0	0	05	05	98	00	0	///	97	0	0	9	0	0	97	99	041	3	4	13	02	97	00	0	///	72	0	0	9	0	0	72	68	—	—	—	—	—	—
Sargodha	Khushab	000	0	5	00	00	97	02	1	023	92	5	0	4	0	0	83	93	000	0	[illegible]	36	09	97	03	2	073	73	6	9	2	2	4	67	71	— 7	—	3.2	— 6.3	3.3	15
	Sargodha	000	0	0	27	03	97	02	0	033	88	0	0	9	0	0	69	91	000	0	7	05	03	97	02	0	061	79	3	5	6	3	0	73	77	—	—	9.2	—	12.2	—
	Lyallpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	36	02	97	02	1	059	74	6	4	7	0	0	70	74	—	— 2	7.4	— 1.3	22.6	12
Multan	Sahiwal																																								10
	Multan	000	0	0	27	05	96	00	5	025	90	0	0	9	0	0	73	93	000	0	0	23	05	96	05	0	045	82	0	0	9	0	0	71	76	— 8	— 3	5.9	+ 0.3	5.5	9
	Laiah																																								8
Bahawalpur	Khanpur	000	0	0	23	03	96	02	0	023	96	0	0	9	0	0	69	//	000	0	0	23	09	96	02	0	061	81	0	0	9	0	0	71	77	—	—	1.1	— 3.7	1.5	6
	Bahawalpur	000	0	0	00	00	96	00	0	041	95	0	0	9	0	0	72	98	000	0	0	00	00	96	00	0	069	88	0	0	9	0	0	//	60	—	—	0.0	— 4.2	2.1	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	23	02	98	00	0	053	84	0	0	9	0	0	73	79	—	—	—	—	—	—
Malakand	Chakdara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	18	05	98	01	2	056	//	4	0	9	6	0	65	66	—	—	11.7	—	14.6	—
Peshawar	Peshawar	000	0	1	05	05	97	03	0	011	91	1	3	6	0	1	69	94	035	8	1	31	03	98	02	9	082	70	1	5	6	3	0	63	68	— 2	— 4	8.6	+ 4.7	17.7	11
	Haripur	000	3	4	34	03	98	03	2	049	71	4	1	6	9	0	68	80	000	3	4	13	03	98	03	2	051	76	4	0	9	3	0	61	67	—	—	24.6	—	32.5	—
D. I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	99	00	0	073	75	0	0	9	0	0	71	59	—	—	5.0	—	3.8	11
	D. I. Khan																																					—	—	4.3	9
Quetta	Sibi																																								5
	Nokkundi	000	0	3	21	03	95	04	0	099	94	0	0	9	0	0	59	97	000	0	0	36	03	93	32	4	038	81	0	0	9	0	0	26	74	—	—	0.0	—	0.2	2
Kalat	Turbat	000	0	0	//	02	98	00	0	012	08	0	0	9	0	0	20	08	000	0	0	31	02	98	00	0	123	84	0	0	9	0	0	78	80	—	—	0.0	—	0.0	—
	Jiwani	000	0	5	18	09	96	03	2	064	83	5	6	5	0	0	73	85	000	0	7	00	00	96	02	2	085	80	4	6	5	3	0	74	70	—	—	0.0	—	1.5	5
	Pasni	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	8	00	00	97	02	0	133	//	0	0	9	0	0	79	//	—	—	0.0	— 0.9	0.0	6
	Ormara	000	0	1	27	12	96	02	2	056	86	1	6	6	0	0	74	88	000	0	1	27	05	96	02	2	077	80	1	6	6	0	0	76	//	—	—	0.0	— 0.8	0.0	6
	Lasbela																																					—	—	0.9	8
Karachi division	Karachi (Manora)																																								8
	Karachi (Airport)	000	0	5	27	10	96	01	2	064	85	4	6	5	3	0	77	88	000	9	3	27	10	96	03	0	018	81	3	6	5	0	0	76	78	—	—	2.6	— 4.7	2.7	—
Hyderabad	Nagarparker																																					—	—		—
	Cahor	000	0	4	23	12	96	02	1	048	90	4	2	6	0	0	69	93	000	0	3	23	14	96	03	0	074	81	1	5	6	3	0	72	75	—	—	3.0	—	3.0	7
	Hyderabad	000	0	5	20	09	97	02	0	049	91	3	5	6	0	0	69	95	000	0	0	20	05	97	02	0	069	//	0	0	9	0	0	71	78	— 2	+ 1	1.9	— 3.7	2.4	9
	Badin	000	0	0	00	00	98	00	0	015	89	0	0	9	0	0	69	94	000	0	4	23	07	96	02	1	082	80	2	4	6	4	0	73	77	—	—	1.7	— 5.3	1.7	—
Khairpur	Padidan	000	0	0	09	04	97	04	0	011	07	0	0	9	0	0	73	04	000	0	0	13	05	97	02	0	050	75	0	0	9	0	0	72	76	—	—	2.1	—	2.1	—
	Nawabshah	000	0	1	18	09	96	02	0	039	97	1	2	6	0	0	72	00	000	0	0	18	09	96	02	0	056	81	0	0	9	0	0	72	75	—	—	0.7	—	0.7	4
	Sukkur	000	0	0	37	02	96	02	0	019	01	0	0	9	0	0	74	02	000	0	0	23	10	96	02	0	053	82	0	0	9	0	0	73	78	—	—	1.8	—	2.2	—
	Kashmore	000	0	0	23	02	96	02	0	029	79	0	0	9	0	0	73	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					0.0	4
	Jacobabad	000	0	1	13	03	97	03	0	023	93	0	0	9	0	1	73	95	000	0	0	00	00	97	02	0	052	82	0	0	9	0	0	72	79	— 9	+ 1	2.4	+ 0.4	2.4	20
Junagadh	Veraval																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar *																																								71
	Gulmarg **																																								26
	Sonamarg																																								3
	Dras **																																								6
	Leh **																																								—
	Skardu *																																								—
	Minagar **																																								5
	Aliabad *																																								39
	Gilgit *																																								18
Rawalpindi	Murree *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	037	2	8	09	09	97	03	9	484	51	8	5	4	/	/	47	71	—	— 12	40.9	+ 8.3	49.2	29
Malakand	Drosh *	000	0	4	23	12	97	01	1	437	80	3	2	7	6	0	34	90	000	0	0	00	00	99	02	0	474	64	0	0	9	0	0	39	63	0	— 3	1.0	—	10.2	—
Peshawar	Cherat *	000	0	0	08	12	98	01	1	418	78	0	0	9	0	0	59	81	150	9	0	34	03	98	00	9	471	62	0	0	9	0	0	53	57	— 4	— 9	10.0	— 1.0	17.8	—
	Kakul *	015	2	7	16	13	95	95	9	465	65	6	7	5	2	0	55	79	082	3	7	02	05	97	62	9	478	58	5	9	5	2	0	56	55	—	—	40.3	—	44.7	29
	Landikotal *	000	0	0	00	00	98	03	1	463	84	1	0	9	3	0	80	88	000	0	0	09	05	98	02	0	481	69	0	0	9	0	0	63	63	—	—	10.6	—	20.5	18
	Parachinar *	000	2	4	16	03	97	29	9	458	75	3	5	6	6	0	60	77	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6				18.7	11
D.I. Khan	Miranshah *	000	0	4	05	05	97	00	1	412	75	4	0	9	0	1	57	76	000	0	0	05	05	99	00	0	421	68	0	0	9	0	0	60	61	—	—	4.1	— 0.0	5.0	13
	Wana *	000	0	6	13	06	97	05	0	359	70	6	3	7	0	0	60	79	000	0	0	00	00	98	00	0	465	60	0	0	9	0	0	58	53	—	—	0.9	—	1.6	—
Quetta	Fort Sandeman *	000	0	2	30	12	97	03	0	431	87	2	4	7	0	0	68	98	000	0	0	00	00	97	02	0	464	70	0	0	9	0	0	53	66	+ 4	— 1	1.9	— 2.9	3.2	9
	Hindubagh *	000	8	4	29	13	98	02	1	///	86	4	0	9	2	0	45	//	000	0	0	23	02	98	02	0	///	72	0	0	9	0	0	32	58	—	—	0.4	—	2.3	—
	Loralai *																																					—	—	—	14
	Barkhan *																																					—	—	2.0	9
	Harnai *	000	0	0	31	01	96	03	0	448	83	0	2	7	/	/	26	90	000	0	0	31	01	96	02	0	468	73	0	0	9	0	0	67	91	—	—	0.0	— 7.0	6.3	0
	Samungli (Quetta) *	000	0	2	30	13	97	02	0	445	86	0	2	6	0	0	43	87	000	0	0	00	00	97	02	0	481	61	0	0	9	0	0	51	55	— 1	— 0	0.6	— 0.5	4.3	—
	Chaman *	000	0	0	00	00	98	00	0	419	//	0	0	9	0	0	68	94	000	0	0	00	00	98	00	0	434	70	0	0	9	0	0	23	70	+ 1	+ 6	0.0	— 0.1	2.0	—
	Nushki *	000	0	0	00	00	97	02	0	493	94	0	0	9	0	0	39	96	000	0	0	00	00	95	05	0	510	81	0	0	9	0	0	28	76	—	—	0.0	—	1.5	4
	Dalbandin *	000	0	0	23	07	99	05	0	461	95	0	0	9	0	0	18	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 5	—	0.0	—	0.6	7
Kalat	Kalat *	000	0	0	31	01	92	02	0	423	97	0	0	9	0	0	55	85	000	0	0	09	05	91	00	2	457	62	0	0	9	0	0	41	//	— 1	—	0.0	— 1.3	1.4	—
	Khuzdar *	000	0	5	18	09	96	03	1	436	90	5	6	6	0	0	51	91	000	0	0	31	02	95	95	0	459	73	0	0	9	0	0	61	70	—	—	1.4	—	3.0	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 over 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 11th SEPTEMBER, 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														
Sardhana	99 2 43	10 6 39	11 0 63	42 3 11	98 0 31	10 0 27	42 4 01	...	...	...	05 1 23	...	30 5 02	23 5 02

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	084 256 / /	...	490 184 22	/// 270 04	585 045 08	757 145 57	t// 293 / /	245 533 / /	425 679 / /	658 859 / /	...	...	...
Dacca ...	00 00	003 256 08	...	440 164 15	068 062 12	575 071 22	746 167 31	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	004 260 36	...	430 188 62	106 166 62	538 075 74	759 161 / /	960 325 / /	221 411 / /	433 461 / /	...	...	...	...
Multan ...														
Peshawar ...	00 00	965 204 23	...	430 170 57	084 064 57	567 101 / /	744 199 / /	953 305 / /	231 481 / /	417 589 / /	...	...	...	...
Quetta ...														
Sargodha ...	00 00	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 ...													
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 ...	165 14	200 14	235 11	240 13	245 11	240 15	...	...	...	235 09	240 13	...	...	...	...
Chaklala ...	...	180 03	145 02	135 03	100 02	280 10	270 16	275 15	280 16	No	Ascent	...	...	...	...
Chhor ...	230 23	225 23	215 18	195 13	155 08	110 11	080 11	...	...	230 27	235 27	230 26	070 10	...	...
Chittagong ...	180 07	180 12	195 11	200 15	...	...	...	...	...	130 05	130 06	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	200 07	150 09	225 09	240 07	250 08	...	...	...	...	145 07	155 06	210 09	230 07	235 10	...
Dacca ...	205 11	215 12	215 16	...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	080 05	350 23	330 13	350 23
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	225 13	200 11	200 12	095 04	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	210 07	225 10	290 15
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	145 06	155 03	185 04	075 03	285 02	350 02	250 05	240 12	290 23	185 16	195 07	235 10	270 04	265 10	325 07
Jessore ...	210 19	213 18	220 17	253 12	250 18	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	240 04	125 07	095 01	180 01	...	...
Jiwani ...	190 11	195 09	210 07	235 05	...	...	...	...	...	210 08	205 06	200 07	010 11	005 14	355 04
Karachi ...	245 16	250 10	...	...	...	...	...	...	...	270 17	245 20	265 14	340 08	330 14	265 08
Khanpur ...	240 04	220 05	215 08	200 08	030 01	190 02	340 03	350 08	310 10	205 13	220 15	220 19	210 17	230 15	305 22
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	275 03	265 17	295 18
Lahore ...	...	...	...	...	...	...	...	...	...	025 06	195 02	195 02	...	...	...
Multan ...	215 07	190 08	185 11	185 14	...	...	...	...	...	220 10	215 15	220 19	240 19	250 20	...
Nawab Shah ...	...	...	...	...	...	...	...	...	...	220 15	215 07	150 07	180 01	340 04	315 12
Nokkundi ...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	060 09	110 08	155 06	190 04	275 08	285 17	300 13	285 17	...	335 02	205 04	280 16	230 08	295 25
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	235 10	135 05	...
Quetta ...	...	...	...	...	300 14	300 13	240 18	355 07	330 19	...	...	...	...	240 02	240 08
Sargodha ...	230 06	240 06	240 05	235 04	215 07	250 05	280 19	290 15	255 22	180 01	180 05	180 06	030 03	255 10	275 10
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 ...	...	135 03	100 03	015 07	270 03	300 17	265 23	250 26	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	165 12	155 14	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...	...	...
Dacca ...	135 04	270 10	290 11	/// //	325 17	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	170 06	215 04	205 02	225 05	315 07	340 11	...	...	...	...	...
Jessore ...	225 03	270 07	270 10	270 13	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	195 06	180 05	...	...	...	...	...	...	...	...	...
Karachi ...	275 07	275 12	270 15	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	225 19	250 09	225 13	255 11	240 11	235 06	300 09	235 15	175 12	...	...
Nawab Shah ...	155 05	150 03	240 03	255 06	300 03	255 04	225 03	275 16	...	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	025 03	360 03	125 03	280 15	280 13	290 13	285 17	305 17	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	050 06	085 15	090 13	125 04	250 04	250 15	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	No	Ascent	...	...	...	...	...	...	...	...	...
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

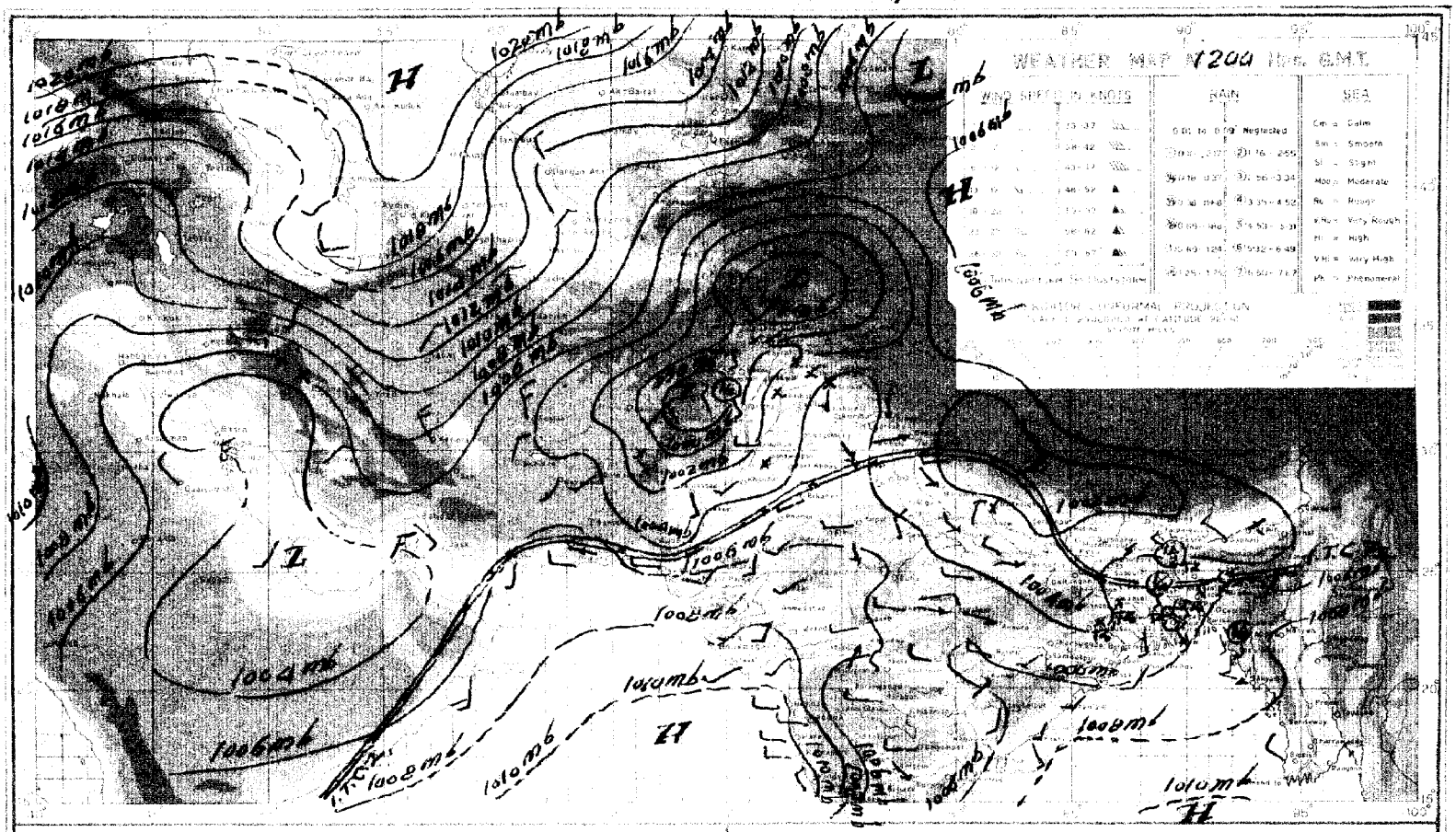
The actual time of observations may vary within half an hour of the specified time.

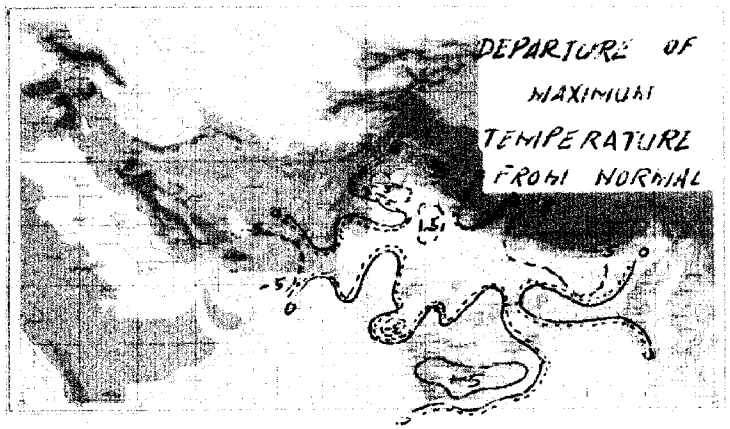
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

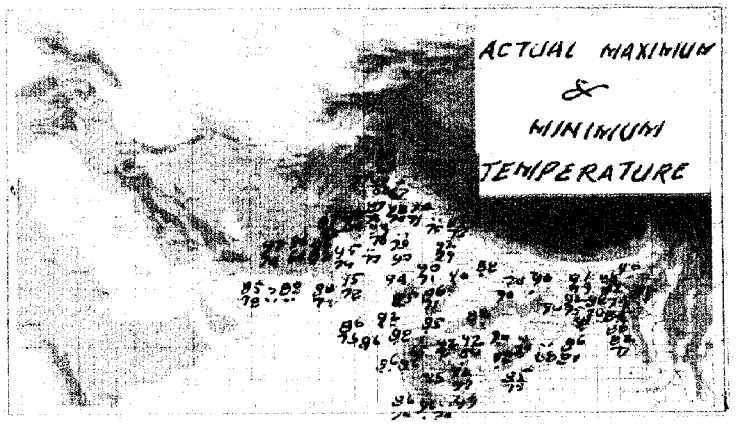
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—32.

PAKISTAN DAILY WEATHER MAP

FRIDAY 10th SEPTEMBER, 1971.

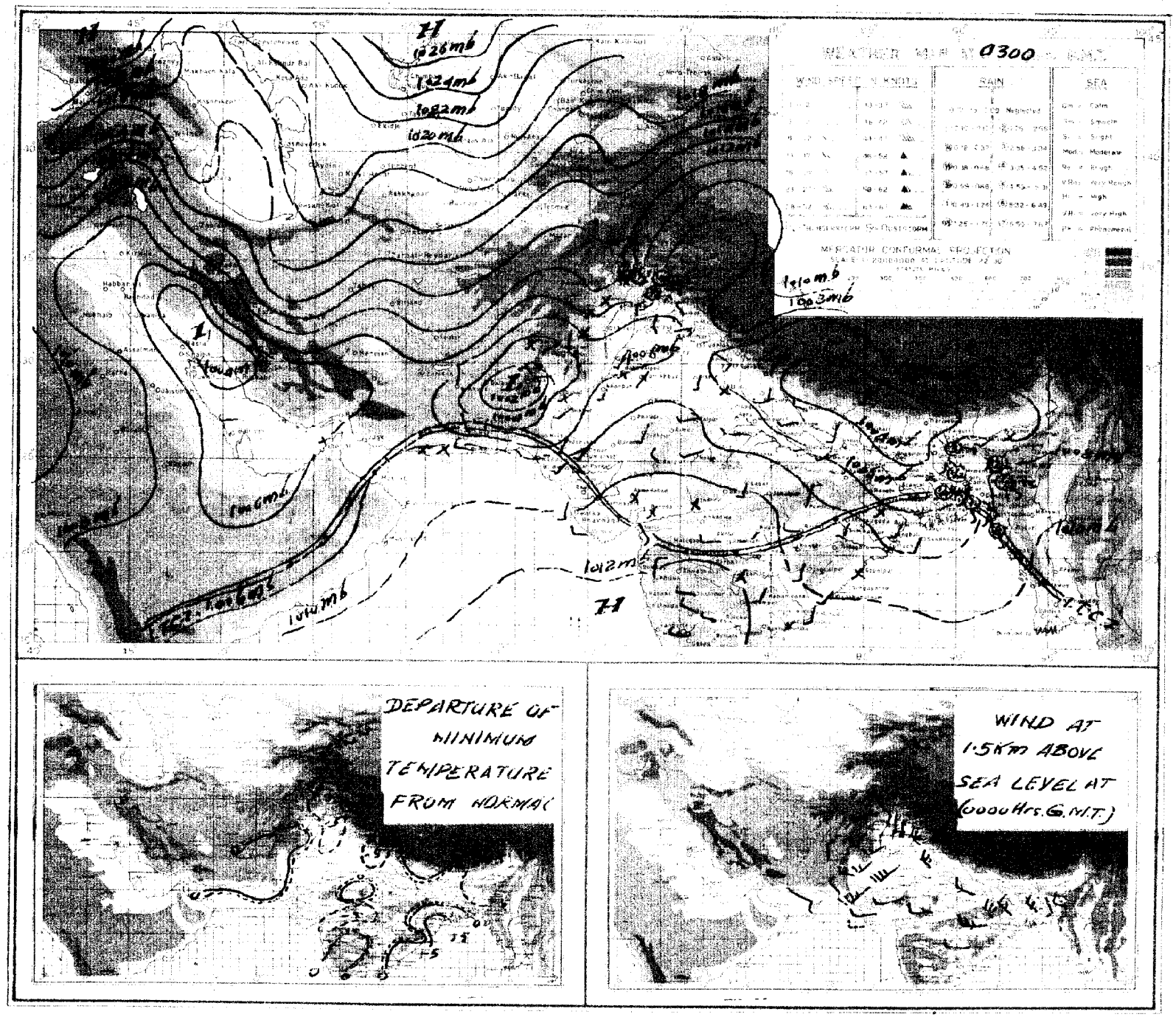






PAKISTAN DAILY WEATHER MAP

SATURDAY 11th SEPTEMBER, 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

2-FEB 9
Copy 1972

SUNDAY THE 12th SEPTEMBER, 1971.

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

Yesterday's low over East Nepal and adjoining Bihar and West Bengal is now moving away eastwards across northern areas of East Pakistan and adjoining areas. Rain/thundershowers have been widespread in Khulna division, fairly widespread in Chittagong division and local elsewhere over East Pakistan.

Yesterday's westerly trough over Kashmir has moved away eastwards.

A fresh secondary western disturbance is moving across East Russian Turkistan. Its associated trough is moving across Malakand division and adjoining areas.

Monsoon has withdrawn from West Pakistan excluding southern areas.

Thunderstorms/showers have been local in Lahore, Sargodha, Peshawar and D. I. Khan divisions and scattered in Rawalpindi and Malakand divisions. Scattered dust/thunderstorms have also been reported from Quetta division.

Chief amounts of rainfall are Jessore 2", Sylhet, Maijdee Court and Bhola 1" each, Pabna, Hatiya and Satkhira (upto 0000 GMT) ¾" each, Sandwip and Cox's-Bazar ½" each and Rangamati, Barisal, Dinajpur and Lahore ¼" each.

Day temperatures were 8—12 °F (4—7 °C) below normal in Lahore, Rawalpindi, Sargodha, Peshawar and D. I. Khan divisions and 3—6 °F (2—3 °C) so in East Pakistan and in Multan, Malakand, Quetta and Khairpur divisions.

Forecast valid until the evening of the 13th September, 1971 :—Rain/thundershowers will be fairly widespread over East Pakistan with isolated heavy falls, local in Lahore and Rawalpindi divisions and in Kashmir and scattered in Malakand, Peshawar, D. I. Khan, Sargodha, Multan, Quetta and Khairpur divisions. Drizzle may also fall in Karachi and Hyderabad divisions.

Karachi-32
The 12th Septembre, 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 ...	000	0	5	13	03	98	03	1	052	81	3	4	6	7	4	77	86
	Cox's Bazar ...	035	0	7	13	03	96	02	2	049	78	5	5	4	0	0	77	81
	Chittagong ...	001	7	6	13	05	96	02	6	048	81	1	1	5	3	0	73	81
	Maijdee Court ...	050	0	8	18	02	96	02	5	025	78	6	4	5	1	1	78	87
	Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria ...																	
	Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Srimangal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh ...	000	0	4	00	00	97	02	2	030	85	4	4	6	0	0	78	86
	Narayanganj ...	000	0	8	18	03	96	03	2	033	81	6	6	3	3	1	77	85
	Dacca (Tejgaon) ...	005	4	5	18	02	97	02	6	033	81	3	2	1	4	3	77	85
	Faridpur ...	012	3	8	16	02	56	02	6	032	81	6	4	5	1	0	77	86
Khulna	Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna ...																	
	Satkhira ...																	
	Jessore ...	112	9	8	23	02	96	95	9	036	75	7	9	3	2	1	73	90
Rajshahi	Pabna ...	033	5	8	12	03	96	03	6	///	83	4	3	6	7	0	78	88
	Sirajganj ...	000	0	7	00	00	98	02	1	022	85	7	1	6	1	0	77	85
	Rajshahi ...	035	1	8	00	00	96	95	6	024	78	7	6	5	3	0	77	92
	Bogra ...	000	0	6	18	03	96	02	2	014	55	5	5	4	3	0	77	68
	Dinajpur ...	000	1	7	10	02	96	//	2	006	//	5	3	6	2	1	75	90
	Rangpur ...	280	2	7	09	02	96	95	9	021	81	7	7	6	0	0	81	90
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	033	6	4	13	03	97	02	9	043	78	2	5	7	7	0	67	85
	Sialkot ...	000	0	0	00	00	99	00	1	///	//	0	0	9	0	0	69	85
Rawalpindi	Jhelum ...	000	0	0	00	00	98	02	0	025	88	0	0	9	0	0	66	90
	Islamabad ...																	
	Rawalpindi ...	055	0	1	00	00	97	02	0	028	84	1	1	6	0	0	63	85
	Campbellpur ...	000	0	2	05	00	98	00	0	///	96	0	0	0	0	0	69	96
Sargodha	Khushab ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sargodha ...	000	0	0	05	07	97	02	0	131	85	0	0	9	0	0	66	88
	Lyallpur ...	000	6	0	36	03	97	09	9	034	82	0	0	9	0	0	57	87
Multan	Sahiwal ...																	
	Multan ...	000	0	0	00	00	96	05	0	018	93	0	0	9	0	0	69	94
	Leiah ...																	
Bahawalpur	Khanpur ...	000	0	0	23	03	96	02	0	018	97	0	0	9	0	0	70	98
	Bahawalpur ...	000	0	0	00	00	96	00	0	016	95	0	0	9	0	0	70	99
	Fort Abbas ...	000	0	0	00	00	98	00	0	010	95	0	0	9	0	0	81	96
Malakand	Chakdara ...	000	0	0	07	07	97	01	0	003	84	2	1	7	0	0	62	86
Peshawar	Peshawar ...	035	0	1	00	00	98	01	1	018	84	1	3	6	2	0	69	87
	Haripur ...																	
D. I. Khan	Bannu ...																	
	D. I. Khan ...	000	0	7	18	02	96	05	2	028	67	0	0	9	0	5	72	88
Quetta	Sibi ...																	
	Nokkundi ...	000	0	0	31	26	94	05	4	999	97	0	0	9	0	0	45	99
Kalat	Turbat ...	000	0	0	23	04	98	00	0	997	03	0	0	9	0	0	73	02
	Jiwani ...	000	0	4	18	14	96	03	1	065	84	4	6	5	0	0	72	86
	Pasni ...	000	0	0	27	02	97	00	0	///	76	0	0	0	0	0	67	00
	Ormara ...	000	0	1	27	12	96	02	2	056	85	1	6	6	0	0	73	88
	Lasbela ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi division	Karachi (Manora) ...																	
	Karachi (Airport) ...	000	0	4	27	12	96	02	1	064	85	4	5	5	0	0	73	88
Hyderabad	Nagarparker ...																	
	Chhor ...	000	0	4	23	12	96	01	2	036	91	4	4	6	0	0	70	93
	Hyderabad ...	000	0	0	23	10	97	01	0	041	91	0	0	9	0	0	69	96
	Badin ...	000	0	3	23	12	96	01	1	059	88	3	2	6	0	0	70	91
Khairpur	Padidan ...	000	0	0	18	03	96	02	0	018	97	0	0	9	0	0	67	99
	Nawabshah ...	000	0	1	18	05	96	03	0	021	99	1	5	6	0	0	69	00
	Sukkur ...	000	0	0	31	02	96	02	0	009	01	0	0	9	0	0	76	02
	Kashmore ...																	
	Jacobabad ...	000	0	0	18	09	97	02	0	006	96	0	0	9	0	0	72	97
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	2	13	02	98	01	1	453	64	0	0	9	4	0	55	65
Malakand	Drosh * ...	004	1	7	20	07	97	17	9	445	71	5	9	7	6	0	45	84
Peshawar	Cherat * ...	000	0	0	18	12	98	00	1	455	72	0	0	9	0	0	59	73
	Kakul * ...	000	0	3	23	09	98	01	1	///	//	0	0	9	0	0	53	77
	Landikotal * ...	000	0	0	18	05	//	//	1	439	78	0	0	9	0	0	75	84
	Parachinar * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Miranshah * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Wana * ...	000	0	6	13	06	97	03	0	428	78	6	5	8	0	0	77	82
Quetta	Fort Sandeman * ...	000	0	1	00	00	97	02	0	419	87	1	1	7	0	0	44	88
	Hindubagh * ...	000	0	0	25	09	96	05	0	///	64	0	0	9	0	0	42	88
	Loralai * ...																	
	Barkhan * ...																	
	Harnai * ...	000	0	0	13	01	96	02	0	443	89	0	0	9	0	0	61	90
	Samungli (Quetta) * ...	000	0	1	31	07	96	02	0	996	84	1	1	6	0	0	50	85
	Chaman * ...	000	0	0	00	00	98	00	0	415	93	0	0	9	0	0	68	94
	Nushki * ...	000	0	0	31	03	95	05	0	493	94	0	0	9	0	0	39	95
	Dalbandin * ...	000	0	0	18	09	94	05	0	460	97	0	0	9	0	0	69	99
Kalat	Kalat * ...	000	0	0	31	00	92	00	2	423	78	0	0	9	0	0	52	85
	Khuzdar * ...	000	0	5	18	05	96	03	1	432	90	5	8	7	0	0	42	91
	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 ...	019	9	7	18	02	95	61	6	055	77	6	7	5	7	1	75	73	—	—				—
	Cox's Bazar ...	055	9	8	00	00	96	60	2	058	79	5	5	3	4	0	75	75	— 9	— 1				140
	Chittagong ...	017	9	7	16	07	96	21	6	049	81	6	6	3	1	0	79	75	— 6	— 2				108
	Maijdee Court ...	100	9	8	20	02	96	03	6	036	79	5	5	5	2	1	75	75	+ 2	— 3				115
	Comilla ...	000	0	4	13	05	96	02	1	037	82	9	4	5	0	0	77	79	—	+ 2				94
	Brahmanbaria ...																							78
	Sylhet ...	090	9	7	13	02	96	01	5	030	82	5	8	5	3	0	77	75	—	—				—
	Srimangal ...	000	9	3	13	13	96	03	2	034	84	0	0	5	4	2	73	75	—	0				98
Dacca	Mymensingh ...	000	0	5	00	00	96	02	1	026	81	5	4	6	0	0	77	//	— 2	—				91
	Narayanganj ...	015	0	8	23	02	97	02	2	035	81	6	6	5	3	1	79	79	— 3	0				74
	Dacca (Tejgaon) ...	000	0	7	23	02	97	02	2	033	82	7	8	4	5	1	63	78	—	—				—
	Faridpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					71
Khulna	Barisal ...	019	9	8	00	00	97	02	9	036	77	6	8	4	2	1	75	73	—	— 6				81
	Khulna ...																							68
	Satkhira ...																							65
	Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					65
Rajshahi	Pabna ...	083	6	6	23	02	97	03	9	///	82	6	0	9	7	0	79	79	—	—				59
	Sirajganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					64
	Rajshahi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
	Bogra ...	002	3	7	36	02	96	02	2	021	84	5	5	4	3	0	79	75	— 1	— 3				69
	Dinajpur ...	021	3	7	18	02	96	02	2	016	73	7	0	9	2	1	81	77	+ 1	1				72
	Rangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					84
Kashmir	Jammu ...																							—
Lahore	Lahore (Jail Rd.) ...	033	0	5	00	00	56	//	/	038	74	5	0	9	7	0	69	70	— 13	— 5	11.5	— 2.2	16.5	19
	Sialkot ...	000	0	7	00	00	97	02	2	048	74	7	0	9	7	0	70	70	— 11	— 5	23.4	+ 1.6	33.3	32
Rawalpindi	Jhelum ...	000	0	5	00	00	97	03	0	039	74	5	0	9	7	0	71	70	—	—	3.8	—	20.3	—
	Islamabad ...																							—
	Rawalpindi ...	000	0	0	00	00	97	01	0	040	73	0	0	9	0	0	64	64	— 9	— 6	32.8	+11.1	39.9	36
	Campbellpur ...	000	0	0	25	01	97	00	0	///	73	0	0	9	0	0	73	72	—	—	—	—	—	—
Sargodha	Khushab ...	000	0	0	00	01	57	00	0	048	78	0	0	9	0	0	74	//	—	—	3.2	— 6.3	3.3	15
	Sargodha ...	000	0	5	05	03	96	04	2	///	77	2	5	6	3	0	69	74	—	—	9.2	—	13.2	—
	Lyallpur ...	000	9	6	29	02	97	02	9	047	76	6	4	7	0	0	67	73	— 11	— 3	7.4	— 1.3	82.6	12
Multan	Sahiwal ...																				—	—		16
	Multan ...	000	0	0	27	03	97	02	0	035	79	0	0	9	0	0	71	75	— 7	— 4	4.9	+ 0.2	5.5	7
	Leiah ...																							8
Bahawalpur	Khanpur ...	000	0	0	23	03	96	02	0	039	80	0	0	9	0	0	71	76	—	—	1.1	— 3.7	1.5	6
	Bahawalpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	2.2	6
	Fort Abbas ...	000	0	0	05	02	98	00	0	067	65	0	0	9	0	0	73	80	—	—	—	—	—	8
Malakand	Chakdara ...	000	0	2	05	03	97	02	8	039	//	2	1	7	0	0	62	64	—	—	11.7	—	14.6	—
Peshawar	Peshawar ...	000	0	3	36	02	98	03	0	044	73	0	0	9	0	1	63	70	— 9	— 2	8.6	+ 4.7	13.7	11
	Haripur ...																				—	—	31.5	—
D. I. Khan	Bannu ...																				—	—	8.2	11
	D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 13	—	—	—	4.3	9
Quetta	Sibi ...																							5
	Nokkundi ...	000	0	0	34	01	93	31	3	067	71	0	0	9	0	0	21	55	—	—	0.0	—	0.2	2
Kalat	Turbat ...	000	0	0	16	02	98	00	0	064	84	0	0	9	0	0	78	82	—	—	0.0	—	0.0	—
	Jiwani ...	000	0	4	18	02	96	01	1	067	79	4	6	5	0	0	72	76	—	—	0.0	—	1.5	5
	Pasni ...	000	0	0	18	02	97	02	0	///	74	0	0	9	0	0	68	//	—	—	0.0	— 0.9	0-0	6
	Ormara ...	000	0	1	27	10	96	02	2	055	78	1	6	6	0	0	74	//	—	—	0.0	— 0.8	0.0	6
	Lasbela ...	000	0	3	00	00	9[illegible]	00	0	078	79	0	0	9	0	0	73	78	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora) ...																							8
	Karachi (Airport) ...	000	0	5	27	09	96	03	1	060	81	5	6	5	0	0	77	78	—	—	2.6	— 4.8	2.8	—
Hyderabad	Nagarparker ...																							—
	Chhor ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		—	—	3.0	7
	Hyderabad ...	000	0	6	23	07	97	02	0	040	81	0	0	9	0	0	71	77	— 1	0	1.9	— 3.8	2.4	9
	Badin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—	—	1.7	—
Khairpur	Padidan ...	000	0	0	13	05	96	02	0	019	79	0	0	9	0	0	70	76	—	—	2.1	—	2.1	—
	Nawabshah ...	000	0	0	13	05	96	02	0	028	81	0	0	9	0	0	72	73	—	—	0.7	—	0.7	4
	Sukkur ...	000	0	0	13	05	96	02	0	026	80	0	0	9	0	0	74	77	—	—	1.8	—	2.2	—
	Kashmore ...																				—	—	0.0	4
	Jacobabad ...	000	0	3	09	05	96	03	0	024	81	3	0	9	3	0	71	80	— 7	+ 2	2.6	+ 0.4	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
Rawalpindi	Murree * ...	000	0	0	09	02	98	00	0	452	61	0	0	9	0	0	67	53	+ 2	— 6	40.9	+ 8.1	49.3	29
Malakand	Drosh * ...	008	0	8	00	00	98	01	0	465	59	2	2	7	0	6	59	55	— 5	— 10	1.0	—	10.2	—
Peshawar	Cherat * ...	000	0	4	34	03	97	02	2	451	65	4	0	8	1	0	60	62	— 12	— 4	10.0	— 1.1	17.8	—
	Kakul * ...	002	3	5	09	02	98	62	9	456	61	3	3	5	2	0	54	56	—	—	40.3	—	44.7	29
	Landikotal * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—	—	20.5	13
	Parachinar * ...	001	0	0	16	03	98	02	0	480	56	0	0	9	0	0	53	65	—	+ 6	11.2	—	18.7	11
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	412	69	0	0	9	0	0	61	71	—	—	4.1	0.0	5.0	13
	Wana * ...	000	0	5	00	00	97	03	1	039	74	5	0	9	7	0	71	//	—	—	0.9	—	1.6	—
Quetta	Fort Sandeman * ...	000	0	1	05	02	97	02	0	446	70	1	1	7	0	0	64	63	— 6	— 4	1.9	— 2.9	3.2	9
	Hindubagh * ...	000	0	0	20	02	97	02	0	///	69	0	0	9	0	0	36	62	—	—	0.4	—	2.2	—
	Loralai * ...																				—	—	—	14
	Barkhan * ...																							9
	Harnai * ...	000	0	0	31	03	96	02	0	451	76	0	0	9	0	0	72	72	—	—	0.0	— 7.1	6.2	8
	Samungli (Quetta) * ...	000	0	0	00	00	96	05	0	462	60	0	0	9	0	0	43	52	9	— 3	0.6	— 0.5	4.3	—
	Chaman * ...	000	0	0	00	00	98	00	0	430	64	0	0	9	0	0	34	72	+ 7	+ 8	0.0	— 0.1	2.0	—
	Nushki * ...	000	0	0	36	05	93	06	0	503	78	0	0	9	0	0	25	74	—	—	0.0	—	1.5	4
	Dalbandin * ...	000	0	0	23	05	94	05	0	453	70	0	0	9	0	0	69	58	— 2	— 6	0.0	— 0.3	0.6	7
Kalat	Kalat * ...	000	0	0	18	01	92	00	2	448	57	0	0	9	0	0	39	57	0	+ 12	0.0	— 1.2	1.4	—
	Khuzdar * ...	000	0	0	27	03	95	05	0	441	71	0	0	9	0	0	61	70	—	—	1.4	—	2.0	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 a RRR 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 12th SEPTEMBER, 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$_h$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$_{wc}$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														
Sardhana	99 2 42	10 6 27	11 1 23	12 6 12	98 0 31	98 0 18	28 4 00	...	...	...	05 2 26	...	30 5 02	27 5 02

UPPER AIR DATA

STATION	Time of ascent in G. M. T.	At surface and Standard Isobaric Levels: Surface PoPoToToToDoDo	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	000 244 09	...	430 176 05	075 090 03	580 051 / /	752 139 36	965 291 / /	241 539 / /	...	...	...	...	...
Dacca ...	00 00	001 266 14	...	400 140 26	048 070 39	574 075 50	745 155 / /	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	002 264 40	...	420 240 63	131 110 64	587 007 / /	761 121 / /	975 251 / /	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	963 220 43	...	400 184 61	065 068 / /	572 119 / /	790 229 / /	947 323 / /	223 497 / /	407 601 / /	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT$_a$ DD							Max. Wind Speed	TROPOPAUSE First		Second	
											Transition		Transition
16	17	18	19	20	21	22	23	24	PmPmPmdmdmfmfmfm 25	PtPtPtTtTtTat 26	dtdtftftft 27	P$_t$P$_t$P$_t$T$_t$T$_t$T$_t$ 28	dt dt ft ft ft 29
Chittagong ...													
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
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 ...	200 12	200 12	210 14	295 10	260 14	265 10	275 12	265 13	...	...	...	...	...	...	...	290 07	295 13	300 12	285 13	280 15	...	...	...	...	...	...
Chaldula ...	...	...	...	...	...	...	...	...	...	...	060 08	290 03	250 02	290 04	240 07	...	090 01	055 02	355 03	355 03	320 03	320 10	310 11	305 03	...	...
Chhor ...	235 18	225 06	/// //	205 10	183 06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	190 08	190 10	215 12	240 15	265 10	295 15	300 10	...	...	180 13	195 15	225 12	/// //	260 09	...	No	Ascent	...	...	...	...	...	...	...	...	...
Chorat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	175 07	180 09	205 09	240 14	270 18	...	...	...	...	158 12	170 15	200 14	210 11	230 09	...	No	Ascent	...	...	...	...	...	...	...	...	...
Dacca ...	190 17	225 17	225 15	255 15	265 13	265 22	265 17	275 10	280 09	230 08	310 07	325 06	...	...	...	230 06	265 06	290 06	300 12	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	285 07	295 08	315 13	310 17	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	330 03	325 07	310 09	300 05	180 05	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	200 07	215 08	180 11	...	...	...	...	...	...	075 01	195 02	260 04	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	120 01	220 11	285 18	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	170 10	190 02	270 06	325 05	315 11	355 01	303 09	315 10	205 14	205 13	235 15	235 13	210 01	040 04	345 03	...	...	...	...	...	...	...	...	...	...	...
Jessore ...	190 09	225 07	275 12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	160 02	095 02	020 04	070 07	100 04	180 03	275 22	280 34	280 29	355 04	325 07	010 04	270 07	265 11	340 08	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	210 12	200 09	110 08	...	...	...	...	...	...	195 08	180 06	260 04	290 11	315 11	335 02	180 12	180 06	...	...	...	...	...	...	...	...	...
Karachi ...	250 17	250 13	268 17	...	...	...	...	...	...	...	...	...	...	...	...	270 14	270 16	245 15	...	...	...	...	...	...	...	...
Khanpur ...	250 08	270 08	250 05	245 07	215 10	230 08	240 04	230 05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	185 10	185 08	175 08	220 02	240 06	245 04	...	...	...	070 01	335 03	315 03	295 08	270 07	330 19	065 02	030 05	030 06	025 07	325 09	265 11	240 01	...	...	...	...
Multan ...	215 04	220 06	225 04	225 07	230 11	280 15	310 17	301 15	305 19	060 12	050 06	320 02	260 08	...	...	075 03	085 03	065 02	255 06	275 10	235 11	280 12	235 17	265 18	...	...
Nawab Shah ...	195 09	210 10	215 09	245 08	260 06	300 09	350 08	320 04	310 09	...	...	...	...	...	...	300 03	305 03	105 02	295 04	270 03	165 03	150 06	260 26	250 23	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	335 02	265 04	140 04	140 06	295 10	...	025 06	075 04	115 03	185 05	215 04	265 06	265 12	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	280 16	300 06	340 06	330 13	330 15	...	...	...	...	280 09	320 07	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	085 07	120 08	135 09	185 06	215 08	358 07	300 29	315 15	300 14	120 08	160 04	195 06	225 02	245 03	255 02	065 06	075 08	075 05	020 05	250 03	235 09	260 15	260 12	265 17	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	200 09	230 08	215 06	...	...	...	...	...	...	...	...
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 (Hhii Cdd 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.

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

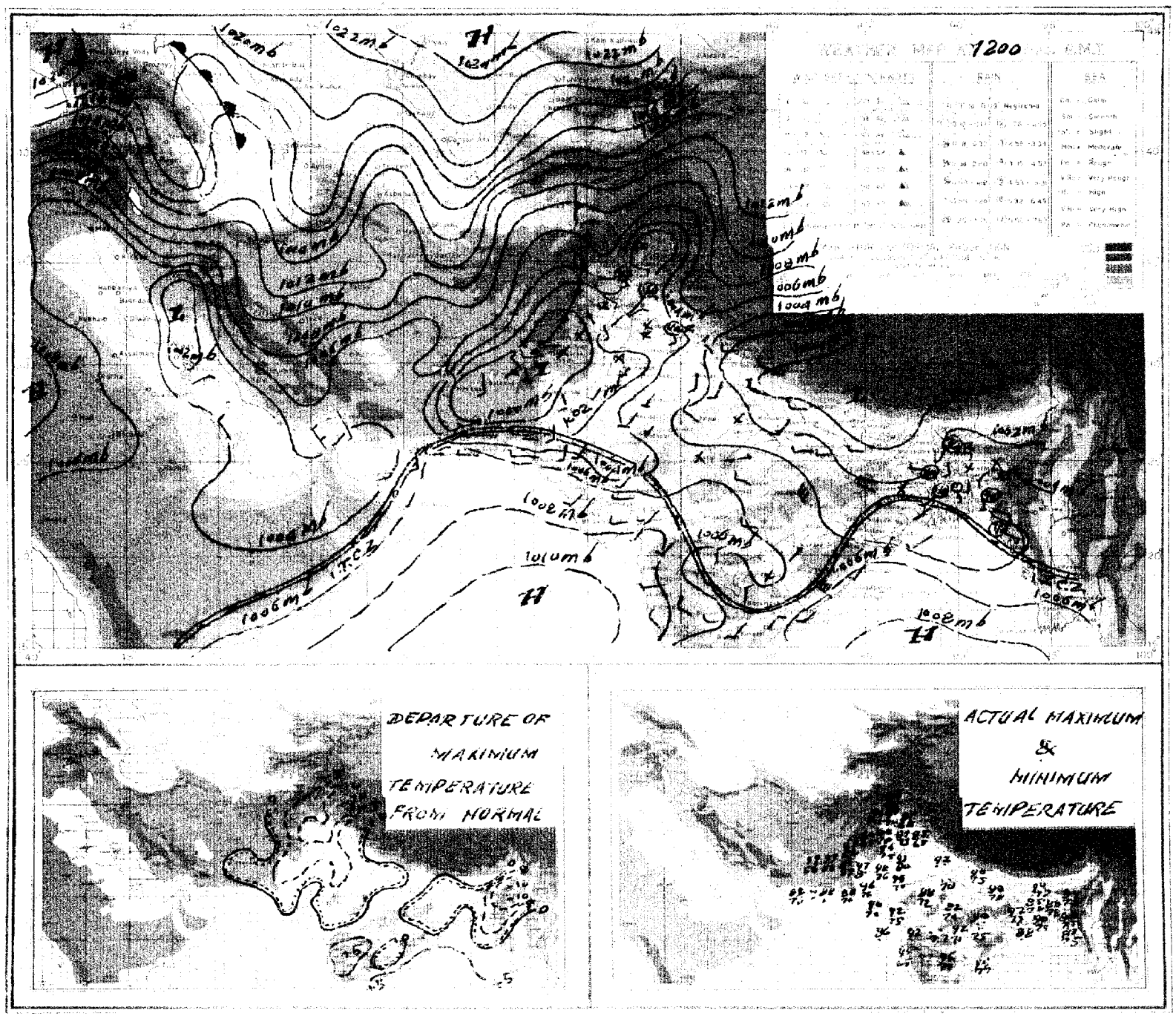
The actual time of observations may vary within half an hour of the specified time.

* 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 "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.

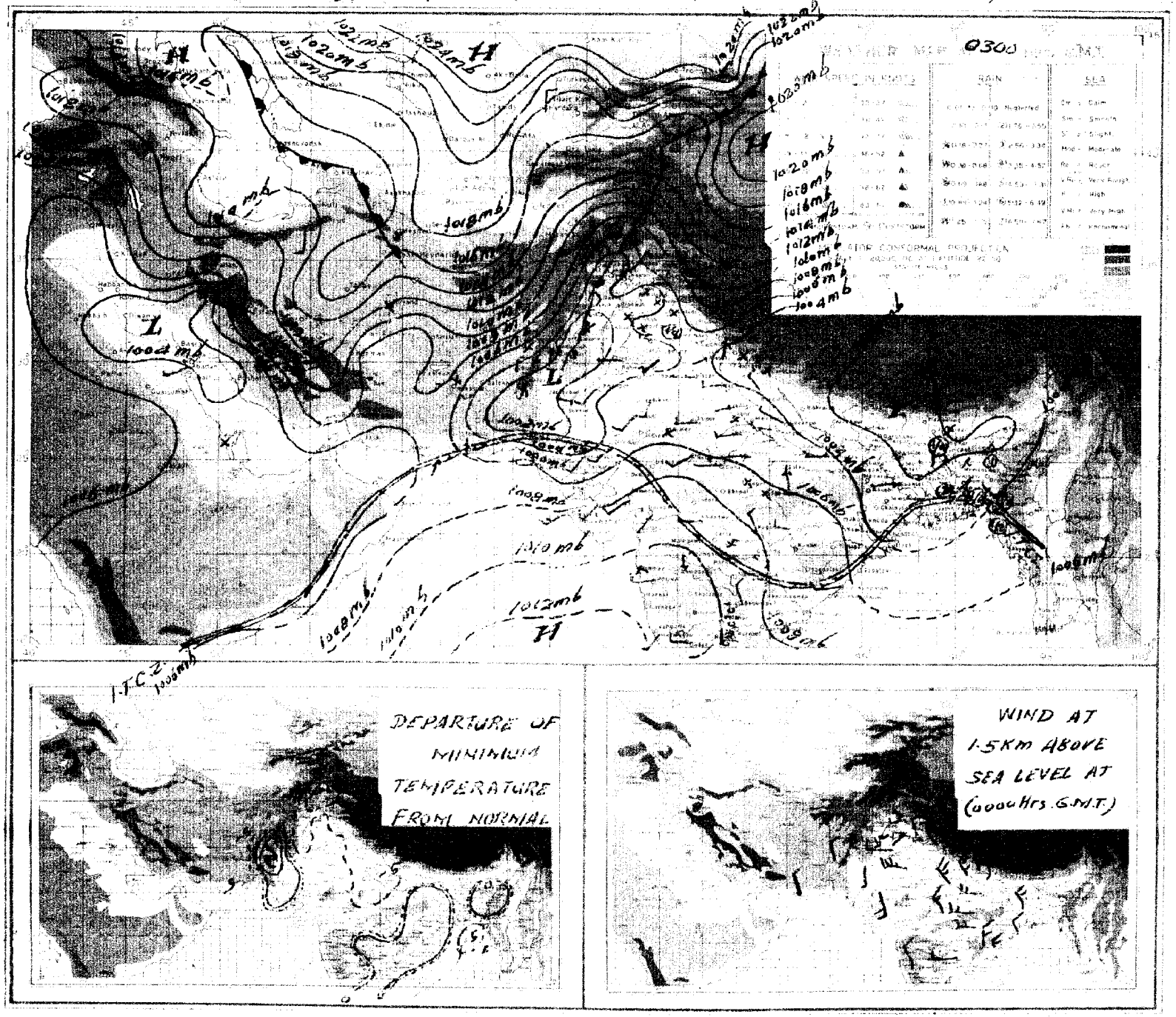
PAKISTAN DAILY WEATHER MAP

SATURDAY 11th SEPTEMBER, 1971



PAKISTAN DAILY WEATHER MAP

SUNDAY 12th SEPTEMBER, 1971.



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Reg. No. S-1467
Volume No. 25

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 13th SEPTEMBER, 1971.

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

2 - FEB 9 1972 COPY

Yesterday's low over northern areas of East Pakistan and adjoining areas has moved away eastwards.
A feeble westerly low pressure wave is now moving eastwards across Bihar and East Uttar Pradesh.
Rain/thundershowers have been local in Chittagong division and scattered in Dacca and Rajshahi divisions.
Yesterday's secondary western disturbance over East Russian Turkistan and its associated trough over Malakand division have moved away eastwards.
Scattered thunderstorms/showers have occured in Sargodha and Malakand divisions.
Chief amounts of rainfall are Comilla 2", Sylhet, ¾", Srimangal, Maijdee Court and Dacca ½" each and Cox's Bazar and Pabna ¼" each.
Day temperatures were generally 3—8 °F (2—4 °C) below normal in Chittagong, Rajshahi, Lahore, Rawalpindi, Sargodha, D. I. Khan, Malakand, Peshawar, Multan, Kalat, Quetta and Khairpur divisions.

Forecast valid until the evening of the 14th September, 1971 :—Rain/thundershowers will be scattered over East Pakistan. Weather will be mainly dry over West Pakistan and Kashmir.

Karachi-32
The 13th Septembre, 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 † 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	000	0	6	21	05	96	01	2	027	81	4	4	4	3	0	73	86
	Chittagong	000	0	7	18	C6	96	02	2	///	81	5	4	6	2	0	77	84
	Maijdee Court	009	0	8	18	02	56	03	2	006	81	5	5	5	1	2	70	80
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Br.hmanbaria																	
	Sylhet	055	9	8	00	00	96	61	6	023	77	7	2	5	2	1	75	85
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narayanganj	008	0	8	30	02	95	51	6	016	79	8	3	1	1	1	75	88
	Dacca (Tejgaon)	056	0	8	13	02	96	61	9	007	77	2	4	4	2	1	75	88
	Faridpur	000	0	6	00	00	96	02	2	999	90	3	4	5	1	0	79	89
Khulna	Barisal																	
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	002	0	6	00	00	96	02	2	004	86	0	0	5	7	0	77	90
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj																	
	Rajshahi	000	0	6	27	02	96	02	2	997	58	4	5	5	1	1	79	92
	Bogra	000	0	7	27	03	96	02	2	995	88	3	5	4	7	0	79	88
	Dinajpur																	
	Rangpur																	
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	31	02	97	02	1	005	89	0	0	9	0	0	69	91
	Sialkot	000	0	0	00	00	98	02	0	011	89	0	0	9	0	0	69	91
Rawalpindi	Jhelum	000	0	0	23	03	98	01	0	///	//	0	0	9	0	0	65	93
	Islamabad																	
	Rawalpindi	000	0	2	27	03	97	01	1	006	86	1	0	9	3	0	65	89
	Campbellpur	000	0	3	00	C0	98	00	0	///	90	0	0	9	0	0	90	95
Sargodha	Khushab	000	0	7	05	03	97	03	2	006	85	2	2	9	4	1	73	07
	Sargodha	000	0	1	00	C0	97	02	0	004	90	1	1	6	0	0	69	95
	Lyallpur	000	0	0	29	02	97	00	0	007	87	0	0	9	0	0	50	93
Multan	Sahiwal																	
	Multan	000	0	0	13	02	96	05	0	003	92	0	0	9	0	0	71	94
	Leiah																	
Bahawalpur	Khanpur	000	0	0	23	03	96	02	0	998	56	0	0	9	0	0	67	99
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malakand	Chakdara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Peshawar	000	9	5	00	00	96	05	0	003	89	2	9	6	0	2	65	93
	Haripur	C00	9	3	13	03	98	03	2	028	81	3	1	8	0	0	66	85
D.I. Khan	Bannu	000	0	6	13	02	98	03	2	026	87	4	2	7	7	0	63	89
	D. I. Khan	000	0	0	05	06	99	C2	0	999	91	0	0	9	0	0	78	95
Quetta	Sibi																	
	Nokkundi	000	0	0	31	16	96	02	0	996	92	0	0	9	0	0	47	93
Kalat	Turbat	000	0	0	20	34	98	00	0	997	00	0	0	9	0	0	73	03
	Jiwani	000	0	4	18	12	96	02	1	042	82	4	6	5	0	0	73	85
	Pasni	000	0	0	27	02	97	00	0	///	76	0	0	9	0	0	67	//
	Ormara	000	0	1	27	21	96	02	2	027	83	1	6	6	0	0	74	85
	Lasbela																	
Karachi division	Karachi (Manora)																	
	Karachi (Airport)	000	0	2	27	12	96	01	1	039	84	4	5	5	0	0	78	87
Hyderabad	Nagarparker																	
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hyderabad	000	0	0	23	10	97	02	0	019	92	0	0	9	0	0	63	96
	Badin	000	0	2	23	09	96	01	1	937	88	2	4	6	0	0	71	91
Khairpur	Padidan	000	0	0	13	02	96	05	0	991	99	0	0	9	0	0	67	01
	Nawabshah	000	0	0	13	07	96	02	0	999	99	0	0	9	0	0	63	02
	Sukkur	000	0	0	31	02	96	02	0	991	00	0	0	9	0	0	73	01
	Kashmore																	
	Jacobabad	000	0	1	08	07	97	07	0	991	94	0	0	8	9	0	69	95
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malakand	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...
Peshawar	Cherat *	000	0	4	18	05	97	01	1	454	75	4	0	8	1	0	55	77
	Kakul *	000	2	2	16	05	98	01	6	446	75	1	2	6	3	0	53	81
	Landikotal *	000	0	6	18	05	97	03	0	449	79	6	0	2	0	0	70	85
	Parachinar *																	
D.I. Khan	Miranshah *	000	0	8	05	05	97	00	1	442	75	0	0	9	0	1	55	76
	Wana *	000	0	3	33	04	98	03	0	372	79	3	5	8	0	0	76	82
Quetta	Fort Sandeman *	000	0	0	00	00	97	02	0	405	86	0	0	9	0	0	36	87
	Hindubagh *	000	7	0	25	09	95	05	0	///	79	0	0	9	0	0	47	83
	Loralai *																	
	Barkhan *																	
	Harnai *	000	0	0	13	01	96	02	0	411	89	0	0	9	0	0	79	93
	Samungli (Quetta) *	000	0	0	27	09	95	06	0	939	80	0	0	9	0	0	43	83
	Chaman *	000	0	8	27	03	96	03	0	415	93	8	6	8	0	0	68	93
	Nushki *	030	0	0	23	05	94	06	0	500	92	0	0	9	0	0	38	94
	Dalbandin *	000	0	0	23	03	93	06	0	458	89	0	0	9	0	0	10	90
Kalat	Kalat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khuzdar *	000	0	0	27	12	96	05	0	423	88	0	0	9	0	0	28	90
	Panjgur *	000	0	0	31	05	95	05	0	466	92	0	0	9	0	0	78	93

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	010	3	7	00	00	98	02	6	068	77	6	7	5	1	1	77	75	—	—				—
	Cox's Bazar	035	3	7	09	05	96	02	6	059	77	5	3	4	2	0	73	73	— 1	— 3				140
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3	—				188
	Maijdee Court	040	9	8	18	02	96	05	2	036	79	4	2	5	2	1	77	73	— 1	— 3				115
	Comilla	213	9	4	00	00	96	02	1	051	82	4	4	5	0	0	79	75	—	— 2				94
	Br.hmanbaria	087	2	8	00	00	96	95	9	040	75	4	3	4	2	1	75	73	—	—				78
	Sylhet	054	4	6	19	03	96	03	9	052	82	3	2	4	3	1	79	73	—	— 2				—
	Srimangal																							98
Dacca	Mymensingh	000	0	5	13	02	97	02	1	069	84	5	4	5	0	0	81	81	—	+ 3				91
	Narayanganj	008	0	4	23	02	97	02	1	059	86	2	6	6	3	1	79	79	— 1	0				74
	Dacca (Tejgaon)	059	9	5	23	02	97	03	9	045	84	2	4	4	3	1	79	75	—	—				—
	Faridpur	000	0	7	20	05	97	02	2	061	84	5	3	6	1	0	81	79	+ 1	0				71
Khulna	Barisal	000	0	2	00	00	97	02	0	034	86	1	1	5	0	0	81	73	—	—				81
	Khulna	000	0	4	00	00	97	01	2	057	84	4	2	9	2	3	81	81	—	—				68
	Satkhira	000	0	2	31	02	96	02	1	047	86	1	5	4	0	1	77	79	+ 1	0				65
	Jessore	027	0	0	27	05	98	02	1	///	88	0	0	9	0	0	75	82	—	—				65
Rajshahi	Pabna																		—	—				59
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				64
	Rajshahi	000	0	2	23	05	97	01	1	038	84	1	6	4	3	0	75	77	— 1	— 1				—
	Bogra																							69
	Dinajpur																							73
	Rangpur																							84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	5	25	02	56	10	2	041	79	5	0	9	7	0	69	75	— 7	0	11 5	— 2.3	15.1	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 5		—	—	29.6	32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	034	78	0	0	9	0	0	71	71	—	—	20 0	—	24.7	—
	Islamabad																							—
	Rawalpindi	003	0	0	00	00	96	04	0	047	69	0	0	9	0	0	64	65	— 5	— 5	32.8	+ 10.9	40.5	36
	Campbellpur	000	0	2	09	01	97	00	0	///	72	0	0	9	0	0	72	63	—	—	1.9	—	9.4	—
Sargodha	Khushab	000	0	0	05	03	97	00	0	042	//	0	0	9	0	0	74	//	— 13	—	13.2	+ 2 6	15.2	15
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—	—	12.1	—
	Lyallpur	000	2	6	36	05	97	02	7	052	77	6	9	6	0	0	69	73	— 5	— 3	7 5	— 1.3	10.8	12
Multan	Sahiwal																							10
	Multan	000	0	0	09	05	96	05	0	039	83	0	0	9	0	0	90	78	— 7	— 1	4.9	+ 0.3	5.5	7
	Leiah																							8
Bahawalpur	Khanpur	000	0	2	03	05	56	02	0	040	81	0	0	9	0	0	73	79	—	—	1.1	— 3 8	1.7	6
	Bahawalpur	000	0	0	20	02	96	00	0	051	83	0	0	9	0	0	73	77	—	—	0.0	— 4.2	0.3	6
	Fort Abbas	000	0	0	23	02	98	00	0	057	84	0	0	9	0	0	73	80	—	—	—	—	—	8
Malakand	Chakdara	000	0	0	05	07	96	02	0	034	69	0	0	9	0	0	55	64	—	—	10.3	—	20.5	—
Peshawar	Peshawar	000	0	8	00	00	96	05	0	040	73	0	0	9	0	0	65	78	— 3	+ 6	8.6	+ 4.6	17.1	11
	Haripur	000	0	0	36	03	98	00	0	408	74	0	0	9	0	0	58	63	—	—	22.5	—	30.3	—
D.I. Khan	Bannu	060	0	0	00	00	99	06	0	056	74	0	0	9	0	0	69	71	—	—	5.9	—	8.2	11
	D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 6		—	—	3.5	9
Quetta	Sibi																							5
	Nokkundi	000	0	0	05	03	99	02	0	072	65	0	0	9	0	0	31	//	—	—	0.0	—	0.2	2
Kalat	Turbat	000	0	0	33	02	98	00	0	011	80	0	0	9	0	0	03	80	—	—	0.0	—	0.0	—
	Jiwani	000	0	4	18	03	96	02	2	062	80	4	6	5	0	0	74	77	—	—	0.0	—	1.5	5
	Pasni	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—	—	0-0	6
	Ormara	000	0	4	17	09	56	06	6	067	//	4	6	6	0	0	76	//	—	—	0.8	— 0.0	0.8	6
	Lasbela																				—	—	0.0	8
Karachi division	Karachi (Manora)																							8
	Karachi (Airport)	000	0	1	27	05	96	03	1	064	80	1	5	5	0	0	77	75	—	—	2.6	— 4.8	2.8	—
Hyderabad	Nagarparker																							—
	Chhor	000	0	0	23	09	96	02	0	044	79	0	0	9	0	0	70	76	—	—	4.5	—	4.5	7
	Hyderabad	000	0	0	23	07	97	02	0	047	81	0	0	9	0	0	71	78	— 1	+ 1	1.9	— 3.6	2.6	9
	Badin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—		2.1	—
Khairpur	Padidan	000	0	0	13	03	96	02	4	028	79	0	0	9	0	0	70	76	—	—	2.2	—	2.2	—
	Nawabshah	000	0	0	18	03	96	06	0	037	81	0	0	9	0	0	74	74	—	—	0.7	—	0.7	4
	Sukkur	000	0	0	13	05	96	02	0	030	40	0	0	9	0	0	74	78	—	—	1.8	—	2.2	—
	Kashmore																				—	—	0.0	4
	Jacobabad	000	0	0	18	05	97	02	0	031	82	0	0	9	0	0	73	79	— 9	+ 1	2.5	+ 0.4	2.6	20
Junagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg **																							28
	Sonamarg **																							3
	Dras **																							6
	Leh **																							—
	Skardu *																							—
	Misgar **																							5
	Aliabad *																							59
	Gilgit *																							18
Rawalpindi	Murree *	000	0	0	05	05	98	00	0	455	62	0	0	9	0	0	48	51	—	— 8	40.9	+ 7.9	49.0	29
Malakand	Drosh *	000	0	0	00	00	97	01	0	490	56	0	0	9	0	0	47	54		— 11	1.7	—	10.3	—
Peshawar	Cherat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 9	—	—	—	17.5	—
	Kakul *	000	0	0	20	02	95	05	0	456	65	0	0	3	0	0	51	61	—	—	31.5	—	48.7	29
	Landikotal *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	22.8	13
	Parachinar *																				—	—	16.5	11
D.I. Khan	Miranshah *	000	0	4	05	05	97	00	0	440	70	4	0	9	1	0	59	60	—	—	3.8	+ 0.4	5.4	18
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—
Quetta	Fort Sandeman *	000	0	0	00	00	96	05	0	455	67	0	0	9	0	0	57	63	— 7	— 4	2.3	— 2.6	3.5	9
	Hindubagh *	000	3	0	29	02	95	05	0	///	63	0	0	9	0	0	38	55	—	—	0.4	—	2.1	—
	Loralai *																				—	—	—	14
	Barkhan *																				—	—	0.1	9
	Harnai *	000	0	0	31	01	96	02	0	435	72	0	0	9	0	0	67	72	—	—	1.1	— 6.0	1.1	8
	Samungli (Quetta) *	000	0	0	00	00	93	05	0	473	54	0	0	9	0	0	40	49	— 4	— 6	0.6	— 0.5	3.3	—
	Chaman *	000	0	0	00	00	92	10	0	436	63	0	0	9	0	0	29	62	+ 2	— 2	0.0	— 0.1	1.8	—
	Nushki *	000	0	0	36	05	93	06	0	504	73	0	0	9	0	0	21	72	—	—	0.0	—	1.1	4
	Dalbandin *	000	0	0	31	02	94	06	0	467	72	0	0	9	0	0	21	68	— 11	+ 4	0.0	— 0.3	0.7	7
Kalat	Kalat *	003	0	0	18	01	91	00	2	450	57	0	0	9	0	0	39	56		+ 13	0.0	— 1.2	0.4	—
	Khuzdar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	1.5	
	Panjgur *	000	0	0	23	02	96	02	0	480	75	0	0	9	0	0	60	70	— 3	+ 14	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

MONDAY THE 13th SEPTEMBER, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99L$_a$L$_a$L$_o$	Q$_c$L$_a$L$_o$L$_a$L$_o$	YYGG$_{iw}$	N dd FF	VV $_w$ $_w$ W	PPP TT	N$_h$C$_L$hC$_M$C$_H$	D,V$_s$a PP	7RR t$_R$t$_R$	8N$_s$C$_s$h$_s$	OI$_s$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
ARABIAN SEA														
Dumra	[illegible]	0 7 13	12 1 83	12 3 12	98 0 20	10 0 29	...	...	...	...	01 8 94	...	30 3 03	21 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$_{mb}$
		PoPoPoToToToDaDo	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	001 238 08	...	440 176 27	084 096 37	580 065 10	752 157 33	963 301 //	250 533 //	418 693 //	...	...	...	...
Dacca ...	00 00	003 272 78	...	440 198 20	079 126 61	584 016 58	...	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	802 260 34	...	450 204 68	104 080 63	578 095 77	748 163 //	959 295 //	240 413 //	433 461 //	...	...	...	...
Multan ...														
Peshawar ...	00 00	962 220 43	...	400 184 61	054 056 //	571 743 //	737 243 //	942 245 //	/// 497 //	402 605 //	...	...	...	...
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 ...													
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 ...	265 10	270 11	270 15	285 15	270 19	...	...	...	...	265 13	305 19	295 17	280 16	285 19	270 17	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	260 08	260 07	345 02	015 02	095 03	355 04	/// //	305 11	...	210 01	280 03	285 02	275 06	280 07	...	270 03	310 02	045 09	130 06	090 05	080 11	100 21	...	...	...
Chhor ...	200 17	250 18	250 11	335 03	290 03	320 02	270 04	...	...	230 12	240 14	/// //	220 05	210 03	095 03	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	195 13	195 17	200 17	205 10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cheora ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	215 07	210 04	260 05	310 10	310 11	300 01	300 17	...	...	090 03	095 05	340 03	260 04	...	...	215 08	215 08	130 06	275 06	265 10	...	...	...	...	...	...
Dacca ...	No	Ascent.	...	...	...	...	...	...	...	110 10	115 10	...	...	...	...	250 08	250 09	275 08	275 05	275 07	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	335 14	325 11	320 10	285 08	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	140 06	170 05	150 07	120 11	130 08	230 04	285 21	285 17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	No	Ascent	...	...	...	...	...	...	...	060 01	005 01	325 02	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	200 01	130 07	110 19	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	150 13	145 15	155 12	105 06	335 03	275 10	265 10	260 17	315 13	190 06	165 03	290 05	300 01	270 09	275 10	035 03	345 06	340 06	085 05	100 06	085 06	185 21	190 23	185 21	...	...
Jacobabad ...	290 12	295 12	315 14	330 17	315 20	...	...	...	...	...	...	...	...	...	...	320 06	310 09	295 10	...	...	...	...	...	...	...	...
Jhelum ...	220 04	255 04	275 05	280 01	280 03	255 10	270 18	270 29	270 20	340 03	330 06	325 14	320 19	320 13	295 04	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	195 14	175 07	...	...	...	...	...	...	...	155 08	180 06	165 06	...	...	...	215 05	190 08	185 04	...	...	...	...	...	...	...	...
Karachi ...	250 18	250 17	265 10	...	...	...	...	...	...	...	...	...	...	...	...	260 21	265 16	290 16	...	...	...	...	...	...	...	...
Khanpur ...	195 07	190 10	180 11	170 13	165 15	230 08	175 08	290 12	300 11	205 12	215 13	210 14	200 13	180 09	280 12	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	265 14	320 15	340 12	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	310 04	255 04	260 04	265 04	256 06	315 08	315 04	300 09	300 12	135 05	335 08	335 08	347 08	...	...	315 04	030 06	040 06	065 07	085 10	...	...	...	...	...	...
Multan ...	130 08	120 04	155 04	315 09	225 10	/// //	285 20	...	...	090 08	105 04	055 02	285 04	280 15	320 15	123 04	190 02	345 03	...	...	...	...	...	...	...	...
Nawab Shah ...	180 03	200 03	230 03	315 03	320 06	285 05	270 11	255 20	260 21	220 19	225 04	280 06	180 09	165 11	155 07	...	...	...	...	...	...	...	...	...	...	...
Nokkundi ...	...	...	335 16	325 12	295 04	330 01	320 19	350 07	325 15	...	...	335 14	325 11	320 10	285 08	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	300 22	320 16	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	065 04	135 03	140 07	115 10	215 09	270 17	285 33	285 10	...	315 03	310 05	065 07	340 05	...	...	095 03	340 06	330 07	340 05	253 08	320 10	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	275 07	255 28	...	...	...	...	...	...	...	275 04	260 13	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	215 07	235 07	220 05	235 04	280 04	335 09	295 17	...	...	265 04	265 12	050 14	050 07	340 03	300 05	325 04	335 03	350 02	255 03	235 05	355 07	255 15	270 07	270 29	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	055 01	070 01	...	...	...	...	...	...	...	...	...
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	18.3	20.3	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 ...	255 23	265 23	295 21	305 18	315 15	325 08	010 23	320 08	300 01	215 28	...	...	...	...	...	...	...	...	...	...	...
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

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

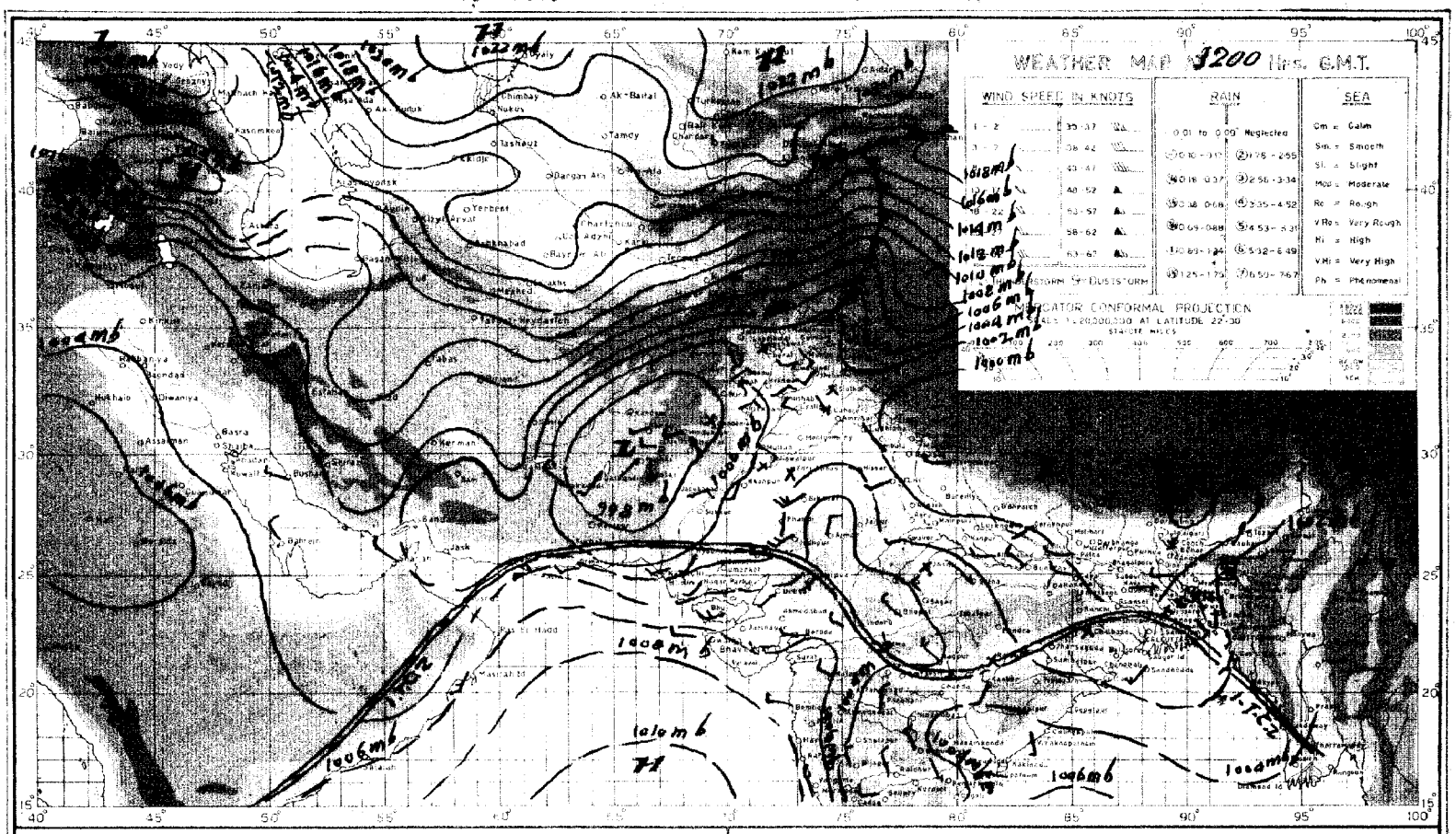
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
T$_a$—Approximate earth value in (0 °C) even values indicate positive and odd values indicate negative temperatures

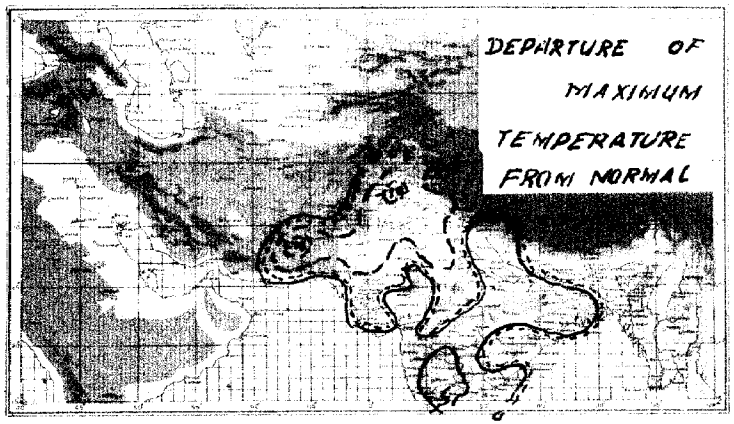
The actual time of observations may vary within half an hour of the specified time.
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next three figures give the wind speed "ff" in knots or in knots increased by 500.

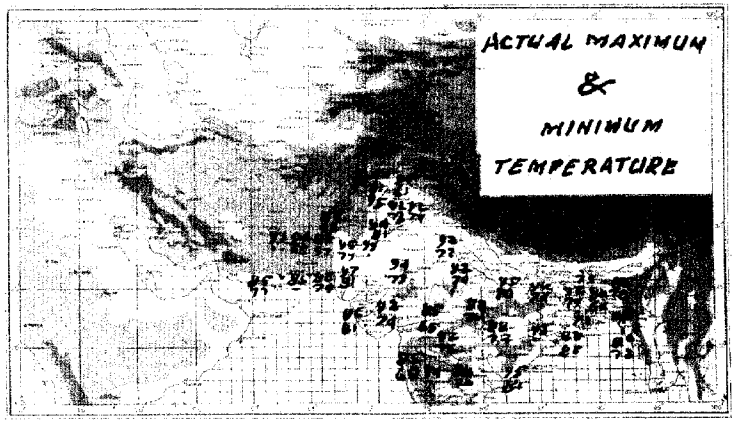
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist. Main Analysis Centre, University Road Karachi—12.

PAKISTAN DAILY WEATHER MAP

SUNDAY 12th SEPTEMBER. 1971.

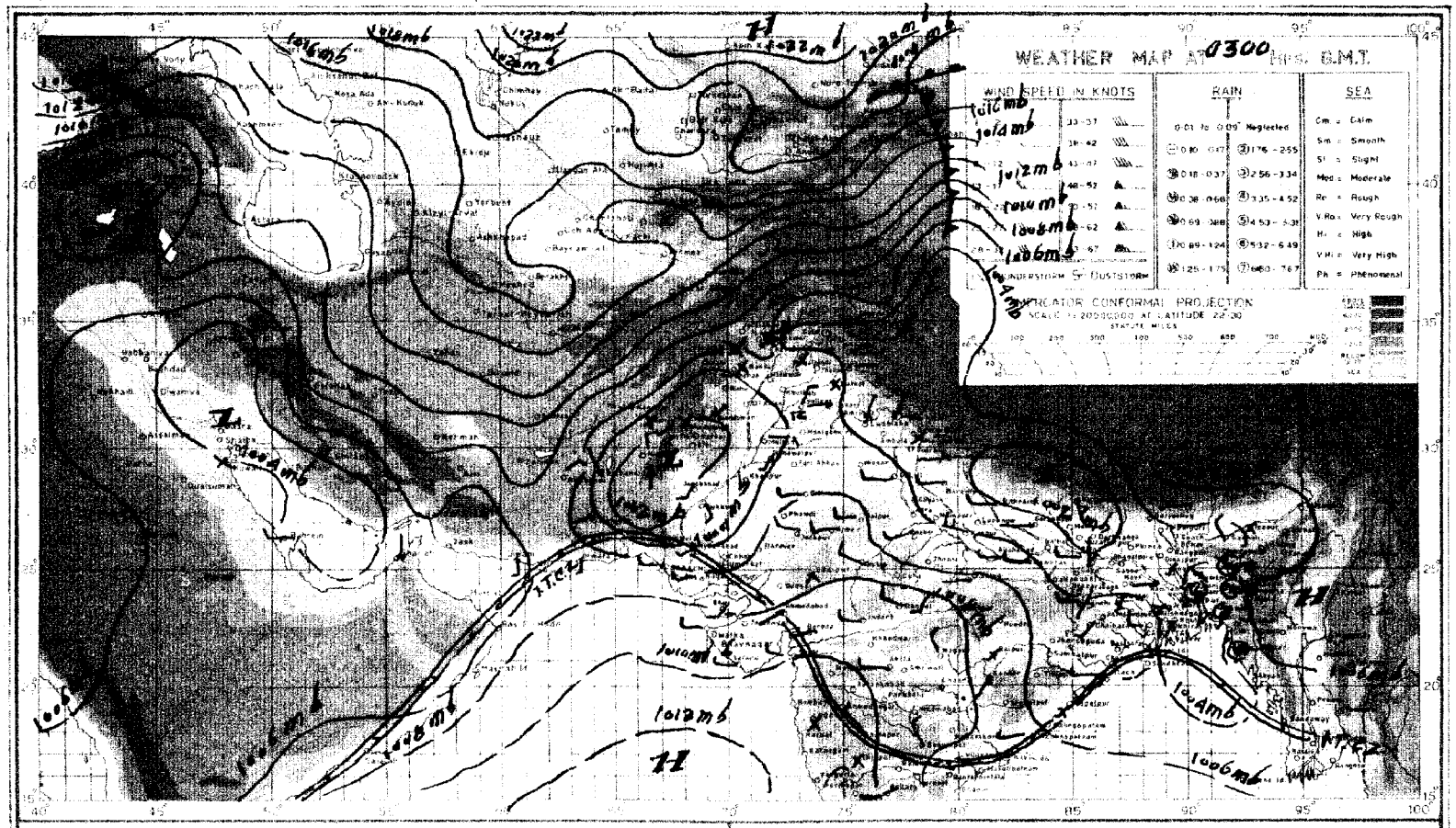


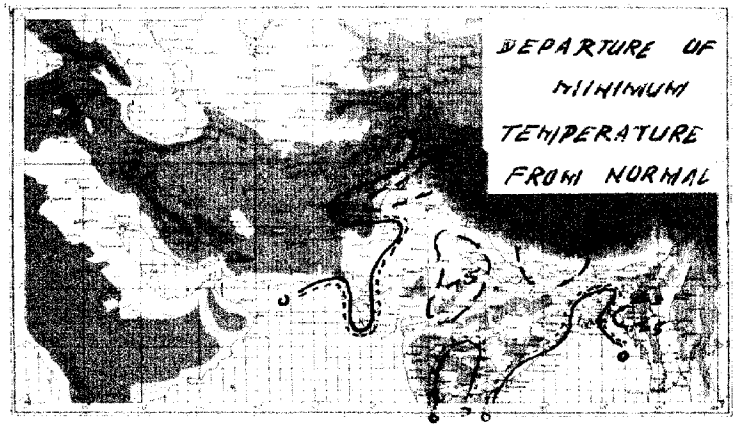


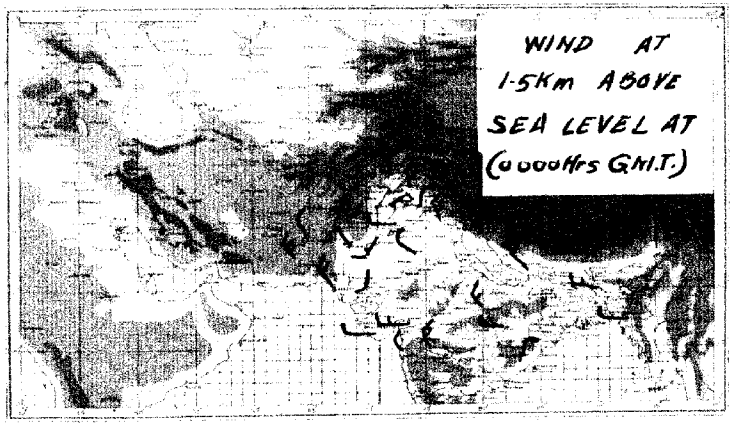


PAKISTAN DAILY WEATHER MAP

MONDAY 13th SEPTEMBER, 1971.







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

2 - FEB 9
Copy 1972

TUESDAY THE 14th SEPTEMBER, 1971.

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

An easterly low pressure area has moved into northeast angle and adjoining East central Bay of Bengal.
Yesterday's westerly low pressure wave over Bihar and East Uttar Pradesh has moved east-wards and today lies over eastern Bihar and adjoining West Bengal.
Scattered rain/thundershowers have occured over Chittagong and Dacca divisions.
A feeble low pressure wave is moving across northern Afghanistan and adjoining Russian Turkistan.
Weather has remained dry over West Pakistan.
Chief amounts of rainfall are Sandwip ½" and Jamalpur ¼".
Day temperatures were generally 3—9 °F (2—5 °C) below normal in Chittagong, Lahore, Rawalpindi, Multan, Peshawar, Quetta and Khairpur divisions and were 3—5 °F (2—3 °C) above normal in Rajshahi division.

Forecast valid until the evening of the 15th September, 1971 :—Scattered rain/thundershowers are likely to occur over Chittagong and Khulna divisions. Mainly dry weather will prevail elsewhere over the country.

Karachi-32
The 14th Septembre, 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 † (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 † (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 † (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	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	000	0	4	27	02	98	01	1	041	84	2	4	6	7	2	77	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	140
	Cox's Bazar	000	0	5	00	00	96	02	2	031	82	4	3	9	3	0	73	84	000	0	7	00	00	96	02	2	076	81	5	5	4	5	0	77	75	— 3	— 1				108
	Chittagong																																								115
	Maliadee Court	000	9	2	18	02	97	01	2	014	16	0	0	9	3	0	79	86	000	9	4	18	05	97	03	0	072	84	2	2	5	2	0	79	77	— 0	— 1				94
	Comilla	000	0	3	00	00	96	02	1	025	82	3	4	7	0	0	81	84	000	9	3	00	00	97	03	0	072	84	2	2	5	2	0	79	77	— 5	— 0				78
	Br.hmanbaria																																								—
	Sylhet	000	0	6	00	00	90	01	2	078	81	2	8	6	2	0	79	86	000	0	6	09	05	97	02	2	072	82	5	4	5	3	8	77	75	—	—				—
	Srimangal	000	9	3	00	00	96	01	2	021	32	0	0	5	2	4	81	88	000	0	0	00	00	96	01	1	090	84	0	0	9	2	3	79	73	— 3	— 2				98
Dacca	Mymensingh	000	0	4	13	02	97	01	1	027	88	4	5	6	0	0	81	90	000	0	6	00	00	97	02	1	078	84	6	5	4	0	0	79	81	+ 2	+ 3				91
	Narayanganj	000	0	2	17	02	96	01	1	034	88	0	0	7	3	1	79	91	000	0	3	23	02	97	02	1	076	88	2	6	6	3	1	81	81	+ 2	+ 2				74
	Dacca (Tejgaon)	000	0	5	00	00	97	01	2	017	88	4	8	5	3	1	79	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				—
	Faridpur	000	0	3	00	00	96	01	1	016	90	3	0	9	0	8	90	90	000	0	1	34	02	97	01	1	068	88	1	3	6	0	0	79	79	+ 2	0				71
Khulna	Barisal	000	0	5	00	00	96	02	2	021	88	2	8	5	3	1	78	90	000	0	1	00	00	97	02	0	075	84	1	5	5	0	1	81	79	+ 2	—				81
	Khulna	000	0	3	00	00	97	02	0	021	90	2	1	4	0	0	79	91	000	0	0	00	00	97	02	0	090	84	0	0	9	0	0	81	81	—	—				68
	Satkhira	000	0	4	16	05	97	02	1	023	86	2	3	9	3	2	81	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2	—				65
	Jessore	000	0	3	00	00	96	02	1	018	90	0	0	9	0	1	75	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						65
Rajshahi	Pabna	000	0	0	00	00	98	02	1	///	88	0	0	9	0	0	73	90	000	0	0	23	05	98	02	0	///	88	0	0	9	0	0	75	82	—	—				59
	Sirajganj	000	0	0	00	00	97	02	1	019	88	0	0	9	0	0	76	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5	—				64
	Rajshahi	000	0	3	18	02	96	02	2	013	90	3	4	5	1	1	75	91	000	0	6	27	02	96	02	2	065	84	4	5	1	1	1	77	79	—	—				—
	Bogra	000	0	5	25	05	96	02	0	///	87	5	2	5	0	0	77	90	000	0	6	23	03	97	03	2	067	88	3	4	4	1	0	81	79	+ 1	+ 1				69
	Dinajpur	000	0	3	00	00	96	01	1	006	85	3	0	9	2	/	77	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3	—				72
	Rangpur	000	0	2	00	00	96	00	1	996	84	2	0	9	1	0	79	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2	—				84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	34	03	96	05	0	020	92	0	0	9	0	0	64	94	000	0	0	00	00	96	05	0	060	82	0	0	9	0	0	67	75	— 4	— 0	11.5	— 2.3	15.1	19
	Sialkot	000	0	0	31	03	97	02	0	023	91	0	0	9	0	0	69	/ /	000	0	0	01	05	97	02	8	066	76	0	0	9	0	0	70	69	— 1	— 6	23.4	+ 1.3	29.6	32
Rawalpindi	Jhelum	000	0	0	31	02	97	02	0	012	92	0	0	9	0	0	69	95	000	0	0	00	00	96	02	0	065	77	0	0	9	0	0	66	69	—	—	20.0	—	24.7	—
	Islamabad																																								—
	Rawalpindi	000	0	0	00	00	96	05	0	017	87	0	0	9	0	0	61	69	000	0	0	00	00	96	04	0	073	68	0	0	9	0	0	62	61	— 5	— 9	32.8	+10.9	40.5	36
	Campbellpur	000	0	0	05	01	98	00	0	///	95	0	0	9	0	0	95	95	000	0	0	05	01	97	00	0	//	73	0	0	9	0	0	70	65	—	—	—	—	—	—
Sargodha	Khushab	000	0	0	00	00	98	00	0	012	96	0	0	9	0	0	79	98	000	0	0	05	00	97	00	0	061	81	0	0	9	0	0	74	//	— 2	—	13.2	+ 3.6	15.2	15
	Sargodha	000	0	1	30	03	97	01	0	019	94	1	1	6	0	0	69	97	000	0	0	00	00	96	04	0	062	78	0	0	9	0	0	72	72	—	—	9.5	—	12.1	—
	Lyallpur	000	0	0	00	00	97	00	0	015	80	0	0	9	0	0	62	96	000	0	0	00	00	97	00	0	060	79	0	0	9	0	0	67	73	— 2	— 3	7.5	— 1.3	10.8	12
Multan	Sahiwal																																								10
	Multan	000	0	2	00	00	96	06	0	010	93	2	5	6	0	0	73	97	000	0	0	00	00	96	06	0	048	85	0	0	9	0	0	73	75	— 4	— 4	4.9	+ 0.3	5.5	7
	Leiah																																								8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	012	96	0	0	9	0	0	70	98	000	0	0	23	03	96	02	0	069	80	0	0	9	0	0	72	76	—	—	1.1	— 3.8	1.7	6
	Bahawalpur	000	0	0	00	00	96	00	0	044	94	0	0	9	0	0	70	99	000	0	0	23	02	96	00	0	080	84	0	0	9	0	0	71	79	—	—	0.0	— 4.2	0.3	6
	Fort Abbas	///	0	0	05	02	98	00	0	005	//	0	0	9	0	0	//	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—	—		8
Malakand	Chakdara	000	0	2	07	05	98	02	0	100	89	0	0	9	0	4	57	91	000	0	9	05	03	97	02	0	064	66	0	0	9	9	0	58	63	—	—	10.3	—	20.5	—
Peshawar	Peshawar	000	0	0	00	00	96	05	0	012	93	0	0	9	0	0	62	96	000	0	8	00	00	96	05	0	068	74	0	0	9	0	0	69	70	6	— 2	8.6	+ 4.6	17.1	11
	Haripur	000	0	0	13	03	97	00	0	029	83	5	0	9	0	0	59	86	000	0	0	05	03	98	00	0	076	76	0	0	9	0	0	56	64	—	—	22.5	—	30.3	—
D. I. Khan	Bannu	000	0	5	13	01	99	02	1	033	90	1	2	7	0	7	67	92	000	0	0	00	00	99	00	0	080	74	0	0	9	0	0	62	63	—	—	5.9	—	8.2	11
	D. I. Khan																																								9
Quetta	Sibi																																								5
	Nokkundi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	03	97	02	0	055	72	0	0	9	0	0	73	64	—	—	—	—	0.2	2
Kalat	Turbat	000	0	0	09	02	93	00	0	941	12	0	0	9	0	0	36	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	—	0.0	—
	Jiwani	000	0	2	18	10	96	01	2	041	83	2	6	5	0	0	73	85	000	0	3	18	03	96	01	1	080	79	3	6	5	0	0	76	76	—	—	0.0	—	1.5	5
	Panjgur																																					—	—	0.0	6
	Ormara	000	0	1	27	10	96	04	4	053	85	1	6	6	0	0	76	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	—	0.8	6
	Lasbela	000	0	0	02	05	96	00	0	041	94	0	0	9	0	0	70	95	000	0	3	00	00	98	00	0	056	77	0	0	9	0	0	73	74	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora)																																								8
	Karachi (Airport)	000	0	1	27	09	96	01	1	044	85	1	6	5	0	0	79	88	000	0	2	27	10	96	01	1	070	80	1	5	5	0	0	74	77	—	—	2.6	— 4.9	2.8	—
Hyderabad	Nagarparkar																																					—	—	0.0	—
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	23	10	96	02	0	082	78	0	0	9	0	0	74	73	—	—	4.5	—	4.5	7
	Hyderabad	000	0	0	23	10	97	02	0	022	96	0	0	9	0	0	69	99	000	0	0	23	05	97	02	0	055	80	0	0	9	0	0	71	77	+ 2	0	1.9	— 3.9	2.6	7
	Badin	000	0	0	23	14	96	02	0	041	90	0	0	9	0	0	70	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	2.1	—
Khairpur	Padidan	000	0	0	31	03	96	02	0	008	98	0	0	9	0	0	60	00	000	0	0	13	03	96	02	0	064	78	0	0	9	0	0	70	75	—	—	2.2	—	2.2	—
	Nawabshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	13	03	96	05	0	067	79	0	0	9	0	0	72	73	—	—	0.7	—	0.7	4
	Sukkur	000	0	0	02	04	96	02	0	005	97	0	0	9	0	0	72	89	000	0	0	13	02	96	02	0	062	83	0	0	9	0	0	73	78	—	—	1.8	—	2.2	—
	Kashmore	000	0	0	18	02	98	02	0	011	96	0	0	9	0	0	75	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	0.0	4
Lasbela	Jacobabad	000	0	0	13	05	96	05	0	010	94	0	0	9	0	0	72	95	000	0	0	18	07	96	05	0	049	81	0	0	9	0	0	73	79	— 9	+ 1	2.5	+ 0.3	2.6	20
Junagadh	Veraval																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar *																																								71
	Gulmarg *																																								26
	Sonamarg *																																								2
	Dras *																																								6
	Leh *																																								—
	Skardu *																																								—
	Miniguer *																																								5
	Aliabad *																																								39
	Gilgit *																																								18
Rawalpindi	Murree *	000	0	0	13	02	98	00	0	454	67	0	0	0	0	0	43	70	000	0	0	27	02	98	00	0	469	65	0	0	9	0	0	43	54	— 3	— 5	40.9	+ 7.9	49.0	29
Mishkand	Drosh *	000	0	3	23	03	96	06	0	441	83	1	1	7	7	0	35	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	10.3	—
Peshawar	Cherat *	000	0	0	18	05	98	00	1	468	77	0	0	9	0	0	58	81	000	0	1	08	03	98	00	0	490	69	0	0	9	0	0	53	63	— 4	— 3	10.0	— 1.2	17.5	—
	Kakul *	000	0	0	18	05	94	05	0	456	75	0	0	9	0	0	50	75	000	0	0	31	02	98	02	0	485	66	0	0	9	0	0	51	58	—	—	31.5	—	48.7	29
	Landikotal *	000	0	0	36	02	98	02	0	452	82	0	0	9	0	0	75	87	000	0	0	36	02	98	02	0	483	72	0	0	9	0	0	59	62	—	—	13.1	—	22.8	13
	Parachinar *	000	0	3	16	03	97	02	0	456	74	3	2	6	0	0	44	75	000	0	0	00	02	97	06	0	502	62	0	0	9	0	0	35	61	— 6	+ 2	8.9	—	16.5	11
D.I. Khan	Miranshah *	000	0	4	05	05	97	00	1	442	85	4	0	9	0	1	69	86	000	0	0	05	05	99	00	0	471	52	0	0	9	0	0	55	60	—	—	3.8	— 0.5	5.4	13
	Wana *	000	0	5	13	04	97	03	0	401	82	5	5	8	0	0	62	82	000	3	0	00	00	98	00	0	464	64	3	5	8	0	0	54	60	—	—	0.4	—	2.1	—
Quetta	Fort Sandeman *	000	0	0	23	05	95	05	4	433	85	0	0	9	0	0	68	86	000	0	0	00	00	97	02	0	486	68	0	0	9	0	0	53	65	— 8	— 2	2.3	— 2.6	3.5	9
	Hindubagh *	000	0	0	20	09	95	05	0	///	79	0	0	9	0	0	20	85	000	0	0	23	01	96	05	0	///	63	0	0	9	0	0	41	56	—	—	0.4	—	2.1	—
	Loralai *																																					—	—	—	14
	Barkhan *																																					0.0	—	0.1	9
	Harnai *	000	0	0	13	01	96	02	0	442	91	0	0	9	0	0	72	93	000	0	0	31	01	96	02	0	449	75	0	0	9	0	0	59	72	—	—	1.1	— 6.1	1.1	8
	Samungli (Quetta) *	000	0	0	31	02	94	06	0	457	80	0	0	9	0	0	63	93	000	0	0	00	00	96	06	0	494	55	0	0	9	0	0	34	46	— 4	—	0.6	— 0.5	3.3	—
	Chaman *	000	0	0	27	03	96	00	0	418	85	0	0	9	0	0	72	86	000	0	0	00	00	95	00	0	455	65	0	0	9	0	0	37	60	— 5	— 4	0.0	— 0.1	1.0	—
	Nushki *	000	0	0	13	05	94	06	0	498	89	0	0	9	0	0	35	91	000	0	0	00	00	94	06	0	521	72	0	0	9	0	0	23	66	—	—	0.0	—	1.1	4
	Dalbandin *	000	0	0	05	02	94	06	0	465	90	0	0	9	0	0	11	92	000	0	0	05	02	94	06	0	481	66	0	0	9	0	0	41	57	— 9	— 7	0.0	— 0.3	0.7	7
Kalat	Kalat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	18	01	91	00	2	460	63	0	0	9	0	0	39	60	—	—	0.0	— 1.2	0.4	—
	Khuzdar *	000	8	0	31	02	95	05	0	434	87	0	0	9	0	0	35	88	000	0	0	18	02	95	05	0	470	67	0	0	9	0	0	33	60	—	—	1.6	—	1.9	—
	Panjgur *																																					—	—	0.0	—

Given in Cents.

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

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

RRR at 0300 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 here for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 14th SEPTEMBER, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGG_{iw}$	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

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	005 246 09	...	450 161 40	083 092 59	583 037 56	756 141 56	966 281 //	244 493 //	671 759 //	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	004 260 56	...	450 234 67	148 134 //	589 025 //	762 131 //	974 291 //	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	965 214 50	...	440 200 59	103 110 //	581 101 //	751 255 34	961 277 //	244 431 //	434 151 //	...	...	...	...
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

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 ...	230 10	245 11	275 09	290 15	295 19	...	...	...	...	265 09	295 09	240 04	295 06	335 15	345 05	250 05	270 07	280 09	...	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	150 05	155 02	315 11	305 13	320 10	...	270 05	280 10	290 17	285 13	010 12	315 10	350 03	245 07	...	...
Chhor ...	220 27	225 27	225 23	250 20	295 12	310 11	225 03	320 11	130 11	240 35	245 40	/// //	200 25	140 12	055 16	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	295 02	310 06	310 10	325 12	335 10	340 10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	295 06	280 02	330 03	235 06	360 10	335 06	...	...	...	280 04	320 11	330 09	015 12	360 09	005 10	295 10	300 07	330 08	360 07	030 11	050 13	...	...	...	...	...
Dacca ...	270 08	300 07	300 06	3.0 06	280 06	265 10	...	...	...	235 08	290 05	290 04	...	...	...	250 04	265 04	270 07	290 08	305 08	305 10	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	190 07	165 03	335 13	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	195 10	225 12	240 05	170 06	285 21	255 12	...	...	...	075 01	015 01	360 03	...	...	...	320 02	330 03	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	240 03	240 06	275 11	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	125 08	130 06	145 06	195 06	160 08	210 11	195 06	230 07	255 12	250 07	235 10	250 07	235 05	230 03	130 04	155 11	265 05	335 02	110 11	055 02	165 06	190 06	235 11	250 12	...	...
Jessore ...	300 07	305 06	325 09	310 14	310 15	295 14	295 15	...	...	180 04	325 03	330 07	180 04	360 09	325 03	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	320 09	330 15	310 11	290 11	290 11	285 12	310 13	280 18	310 11	300 05	290 11	315 10	330 18	320 17	020 06	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	175 10	170 04	250 04	335 09	320 09	330 11	330 08	260 08	270 10	165 09	175 07	250 05	335 07	330 09	...	170 12	185 07	...	...	...	...	...	...	...	...	...
Karachi ...	...	...	...	...	...	...	...	...	...	260 19	265 19	270 10	270 12	310 10	330 09	265 12	265 13	...	...	...	...	...	...	...	...	...
Khanpur ...	250 66	200 05	200 05	170 02	185 05	225 02	295 05	345 09	345 13	205 08	210 09	210 10	210 10	240 09	295 10	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	305 07	280 11	250 11	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	330 03	325 10	3 5 03	300 06	320 09	330 08	310 10	310 12	105 11	130 05	130 07	145 10	160 12	165 15	...	260 03	300 06	305 08	310 09	315 13	340 07	255 04	255 13	265 20	...	...
Multan ...	095 02	175 04	215 07	155 07	140 07	255 05	165 17	270 19	270 26	170 04	200 07	220 08	240 15	255 12	280 10	200 06	210 04	235 06	210 04	250 10	235 06	...	...	...	...	...
Nawab Shah ...	295 05	305 04	270 04	255 09	235 05	130 05	005 09	...	...	210 08	215 12	205 12	220 04	270 02	235 05	315 03	180 03	155 03	105 02	215 02	175 05	180 03	270 15	260 18	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	060 04	060 03	135 03	160 02	165 06	290 10	285 25	280 25	...	215 07	165 09	170 12	180 09	120 08	...	010 03	335 02	120 03	295 02	135 03	225 10	240 03	245 29	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	275 02	290 01	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	305 01	250 06	...	...	...	...	...	...	...	285 05	315 07	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	255 03	265 02	265 03	290 03	285 07	260 12	305 10	310 21	250 24	325 02	325 11	325 10	355 09	290 10	240 22	225 05	275 05	275 05	245 05	280 13	315 11	345 06	215 14	230 16	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	110 05	110 02	285 10	335 06	305 06	...	210 02	175 03	...	...	...	...	...	...	...	...	...
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 (O °C) even values indicate positive and odd values indicate negative temperatures

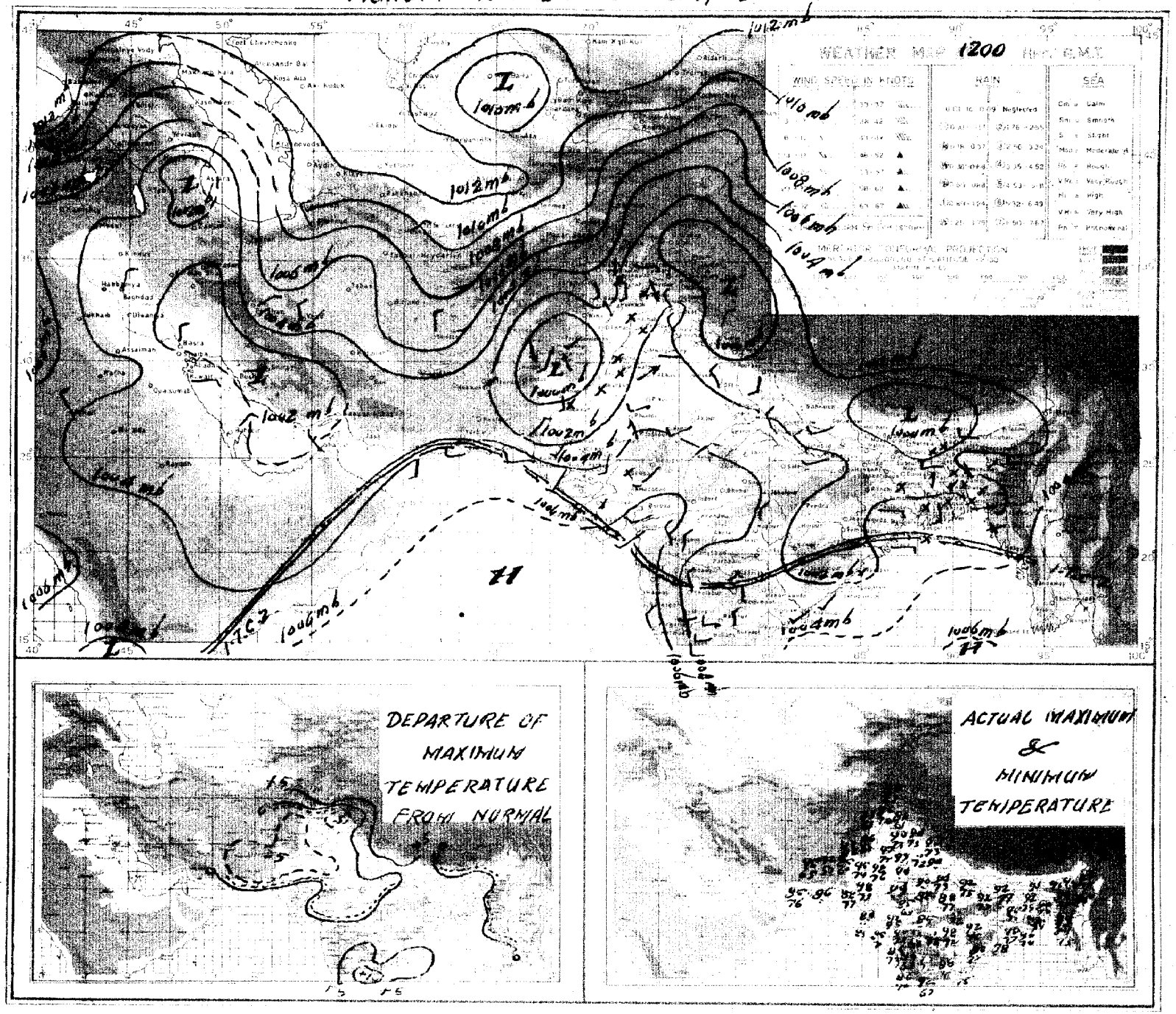
The actual time of observations may vary within half an hour of the specified time

* 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.

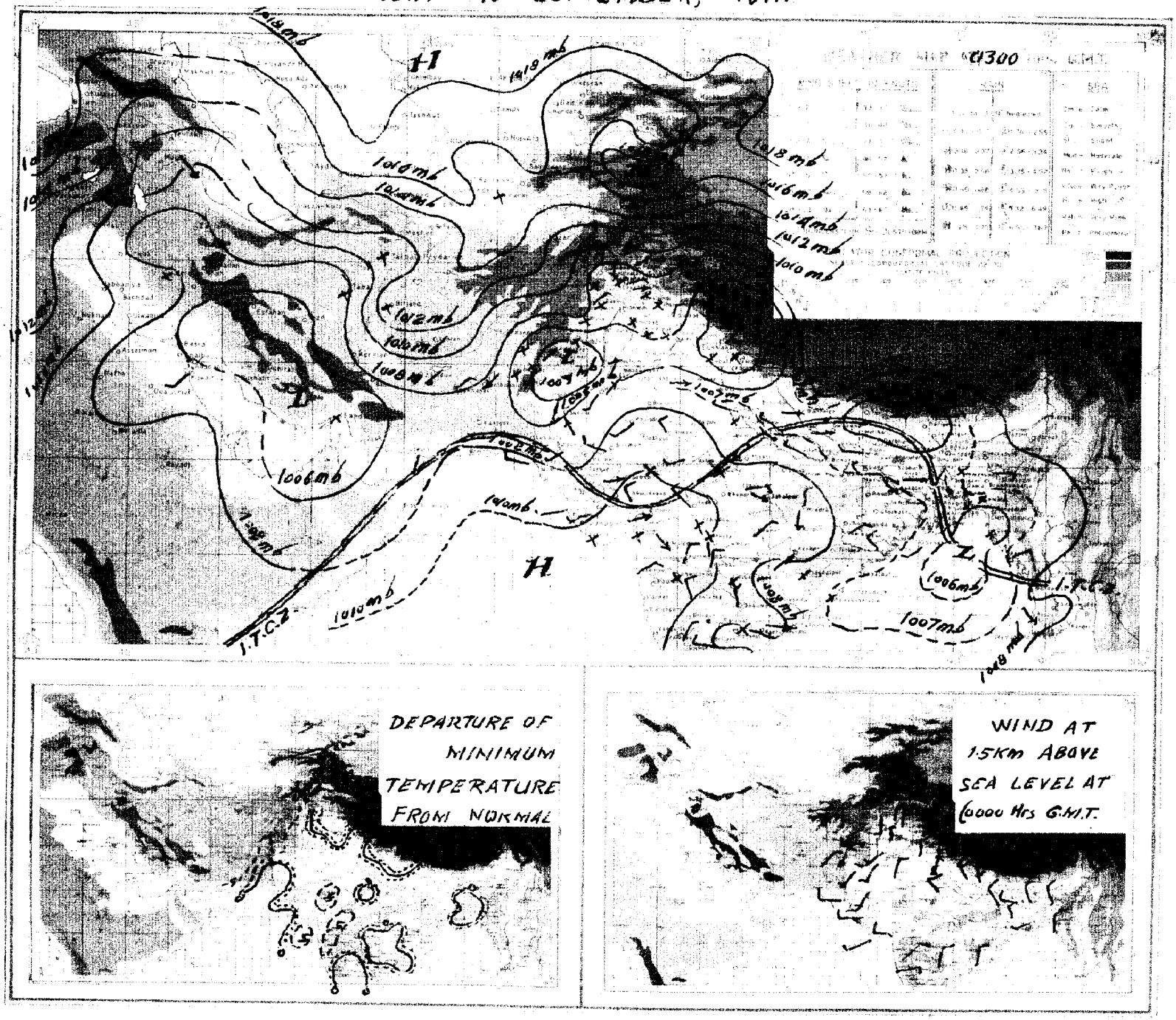
PAKISTAN DAILY WEATHER MAP

MONDAY 13th SEPTEMBER, 1971



PAKISTAN DAILY WEATHER MAP

TUESDAY 14th SEPTEMBER, 1971.



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25.

2 - FEB 9
Copy 1972

WEDNESDAY THE 15th SEPTEMBER, 1971.

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

Yesterday's low pressure area over northeast angle Bay and adjoining East central Bay of Bengal persists.

The westerly low pressure wave over eastern Bihar and adjoining West Bengal has become unimportant.

Isolated light rain/thunderstorms have occured in Chittagong division.

Yesterday's feeble low pressure wave over northern Afghanistan and adjoining East Russian Turkistan is moving away eastwards. Its associated trough is affecting northern areas of West Pakistan.

Weather has remained dry over West Pakistan.

Day temperatures There were 3—5 °F (2—3 °C) above normal in East Pakistan outside Rajshahi division and in Hyderabad division and were generally 3—8 °F (2—4 °C) below normal in Rawalpindi, Malakand, Peshawar, Quetta and Khairpur divisions.

Forecast valid until the evening of the 16th September, 1971 :—Scattered thunderstorm/showers are likely to occur over Chittagong division. Weather will be mainly dry elsewhere over the country.

Karachi-32
The 15th Septembre, 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 † (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 (TaTa)	Departure from Normal of: Maximum temperature (TxTx)	Minimum temperature (TaTa)	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	6	27	08	94	02	2	043	85	5	3	4	2	0	79	87	005	9	8	09	02	96	50	9	055	//	2	5	9	0	3	//	81	— 0	+ 5	—	—	—	—
	Coox's Bazar	000	0	6	27	02	96	02	2	042	85	2	2	5	2	1	77	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2	—	—	—	—	140
	Chittagong	000	9	0	18	02	97	00	0	031	87	0	0	9	0	0	73	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3	—	—	—	—	108
	Maijdee Court	000	0	0	00	00	96	02	0	046	83	0	0	9	0	0	79	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2	—	—	—	—	115
	Comilla																																			—	—	—	—	—	94
	Brahmanbaria																																			—	—	—	—	—	78
	Sylhet	000	0	3	00	00	96	01	2	035	85	3	8	6	3	0	75	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—
	Srimangal	000	0	0	00	00	96	00	0	042	//	0	0	9	0	0	78	89	000	0	3	00	00	96	02	6	073	86	0	0	5	2	4	79	75	— 2	0	—	—	—	98
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	13	02	97	02	1	077	84	6	6	0	0	0	79	81	—	+ 3	—	—	—	91
	Narayanganj	000	0	3	31	02	96	02	...	039	//	...	1	5	...	...	79	...	000	0	4	31	02	97	02	1	070	88	3	1	5	1	1	81	83	—	+ 4	—	—	—	74
	Dacca (Tejgaon)	000	0	6	27	02	97	02	2	041	87	4	8	5	0	1	75	91	000	0	5	00	00	97	03	0	071	88	4	8	5	0	1	81	79	—	—	—	—	—	—
	Faridpur	000	0	0	34	02	96	00	0	027	89	0	0	9	0	0	73	93	000	0	0	07	07	97	01	1	070	88	2	3	6	0	0	69	81	+ 5	+ 2	—	—	—	71
Khulna	Barisal	000	0	4	00	00	97	02	2	028	87	2	3	5	0	4	77	91	000	0	4	28	03	97	02	1	076	86	1	5	5	0	0	79	79	+ 3	0	—	—	—	81
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	02	0	075	//	0	0	9	0	0	79	81	—	—	—	—	—	68
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	00	00	97	02	3	082	85	2	3	9	2	0	//	79	—	—	—	—	—	65
	Jessore	000	0	3	00	00	97	01	1	043	//	3	0	9	0	0	77	91	000	0	2	27	02	96	03	0	070	81	0	0	9	0	1	79	91	+ 4	+ 2	—	—	—	65
Rajshahi	Pabna	000	0	2	00	00	98	01	0	///	89	2	2	6	0	0	75	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	59
	Sirajganj																																			—	—	—	—	—	64
	Rajshahi	000	0	0	27	02	96	02	0	035	91	0	0	9	0	0	77	93	000	0	1	27	02	96	02	0	062	88	0	0	9	1	1	75	79	—	0	—	—	—	—
	Bogra	000	0	5	27	02	96	02	2	032	59	5	2	4	0	0	78	91	000	0	1	23	03	97	01	1	067	84	0	0	9	3	0	78	78	+ 2	—	—	—	—	69
	Dinajpur																																			—	+ 2	—	—	—	73
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	18	02	96	03	0	077	88	1	0	9	0	1	81	79	—	—	—	—	—	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	97	02	0	044	95	0	0	9	0	0	65	96	000	0	0	00	00	96	05	0	057	82	0	0	9	0	0	75	77	— 2	+ 2	11.5	— 2.4	15.1	19
	Sialkot	000	0	0	00	00	96	02	0	044	97	0	0	9	0	0	65	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1	—	33.4	+ 1.2	29.6	32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	034	95	0	0	9	0	0	67	98	000	0	0	00	00	96	10	0	052	76	0	0	9	0	0	67	69	—	—	20.0	—	24.7	—
	Islamabad																																			—	—	—	—	—	—
	Rawalpindi	000	0	0	27	03	96	06	0	042	88	0	0	9	0	0	56	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—	32.8	+ 10.5	40.5	36
	Campbellpur	000	0	0	09	10	98	00	0	///	90	0	0	9	0	0	90	95	000	0	0	00	00	97	00	0	///	72	0	0	9	0	0	70	74	—	—	8.9	—	9.4	—
Sargodha	Khushab	000	0	0	00	00	97	06	0	045	95	0	0	9	0	0	66	95	000	0	0	00	00	97	00	0	056	82	0	0	9	0	0	73	//	— 5	—	13.2	+ 3.5	15.2	15
	Sargodha	000	0	0	23	03	97	02	0	043	94	0	0	9	0	0	73	90																		—	—	9.5	—	12.1	—
	Lyallpur	000	0	0	00	00	97	00	0	038	90	0	0	9	0	0	69	97	000	0	0	00	00	97	00	0	059	83	0	0	9	0	0	72	73	— 1	— 3	7.5	— 1.4	10.8	12
Multan	Sahiwal																																			—	—	—	—	—	19
	Multan	000	0	0	18	03	96	05	6	046	96	0	0	9	0	0	65	99	000	0	0	23	02	96	05	0	053	80	0	0	9	0	0	64	76	— 2	— 3	4.9	+ 0.3	5.5	7
	Leiah	000	0	0	36	04	95	00	0	08/	95	0	0	9	0	0	71	95	000	0	0	36	04	93	00	0	060	82	0	0	9	0	0	75	//	—	—	—	—	—	8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	043	00	0	0	9	0	0	63	01	000	0	5	23	02	96	05	0	068	82	5	0	9	0	3	71	75	—	—	1.2	— 3.8	1.7	6
	Bahawalpur	000	0	0	00	00	96	00	0	055	98	0	0	9	0	0	68	00	000	0	0	00	00	96	00	0	079	80	0	0	9	0	0	59	74	—	—	0.0	— 4.2	0.3	6
	Fort Abbas	000	0	0	00	00	98	00	0	095	98	0	0	9	0	0	80	99	///	/	0	05	04	98	00	0	057	85	0	0	9	0	0	73	82	—	—	—	—	—	8
Malakand	Chakdara	000	0	0	27	03	98	02	0	100	91	0	0	9	0	0	66	93	000	0	0	05	05	97	02	0	041	70	0	0	9	0	0	53	62	—	—	10.3	—	20.5	—
Peshawar	Peshawar	000	0	0	09	02	96	05	0	037	92	0	0	9	0	0	60	95	000	0	0	00	00	96	05	0	055	74	0	0	9	0	0	59	71	— 1	— 1	8.6	+ 4.6	17.1	11
	Haripur	000	0	0	18	02	97	00	0	050	86	0	0	9	0	0	65	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	22.5	—	30.3	—
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	054	91	0	0	9	0	0	60	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	5.9	—	8.2	11
	D. I. Khan	000	0	0	13	02	96	05	0	043	94	0	0	9	0	0	71	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 6	—	2.6	— 2.6	4.3	9
Quetta	Sibi																																			—	—	—	—	—	5
	Nokkundi	000	0	0	27	03	97	02	0	020	97	0	0	9	0	0	82	97	000	0	0	24	09	98	02	0	103	73	0	0	9	0	0	32	67	—	—	0.0	—	0.2	2
Kalat	Turbat	000	0	0	09	00	98	00	0	041	//	0	0	9	0	0	36	//	000	0	0	18	02	98	00	0	055	86	0	0	9	0	0	69	81	—	—	0.0	—	0.0	—
	Jiwani	000	0	2	18	12	96	02	2	076	82	2	6	5	0	0	73	85	000	0	5	18	03	96	01	2	086	78	5	6	5	0	0	74	76	—	—	0.0	—	1.5	5
	Pasni																																			—	—	—	—	—	4
	Ormara	000	0	1	27	14	96	02	2	053	83	1	6	6	0	0	74	86	000	0	3	27	10	96	04	4	095	79	3	6	6	0	0	74	//	—	—	0.8	0.0	0.8	6
	Lasbela	000	0	0	23	03	98	00	0	059	00	0	0	8	0	0	65	02	///	0	0	00	00	98	00	0	091	75	0	0	9	0	0	70	74	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	27	05	96	01	0	059	0	0	9	0	0	0	70	78	—	—	—	—	—	9
	Karachi (Airport)	000	0	1	23	10	96	01	0	070	85	0	0	9	0	0	79	89	000	0	2	27	07	96	01	1	057	79	2	6	5	0	0	77	77	0	— 1	2.6	— 4.9	2.9	—
Hyderabad	Nagarparker																																			—	—	—	—	—	—
	Chhor																																			—	—	—	—	—	7
	Hyderabad	000	0	0	23	05	97	02	0	046	00	0	0	9	0	0	63	03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6	—	1.9	— 3.9	2.6	9
	Badin																																			—	—	—	—	—	—
Khairpur	Padidan	000	0	2	00	00	96	03	0	036	//	2	0	9	3	0	66	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	2.2	—	2.2	—
	Nawabshah	000	0	2	00	00	96	05	0	050	99	2	0	9	0	0	71	01	000	0	0	18	12	91	02	0	046	//	0	0	9	0	0	72	76	—	—	0.7	—	0.7	4
	Sukkur	000	0	2	23	05	97	01	0	032	94	2	2	6	0	0	69	97	000	0	0	13	05	96	02	0	068	80	0	0	9	0	0	71	78	—	—	1.8	—	2.2	—
	Kashmore	000	0	0	13	02	96	02	0	021	99	0	0	9	0	0	69	100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	—	0.0	4
	Jacobabad	000	0	0	23	05	96	02	0	058	93	0	0	9	0	0	69	94	000	0	0	13	03	96	02	0	069	80	0	0	9	0	0	73	78	— 10	0	2.5	+ 0.3	2.6	20
Junagadh	Veraval																																								28
	HILL STATIONS																																								—
Kashmir	Srinagar *																																								71
	Gulmarg *																																								25
	Sonamarg *																																								3
	Dras *																																								6
	Leh *																																								—
	Skardu *																																								—
	Miagar *																																								5
	Aliabad *																																								89
	Gilgit *																																								10
Rawalpindi	Murree *	000	0	0	23	02	98	00	0	477	68	0	0	9	0	0	45	73	000	0	0	09	02	97	00	0	471	67	0	0	9	0	0	29	55	0	— 4	40.9	+ 7.5	49.0	29
Malakand	Drosh *	000	0	0	23	09	96	06	0	458	84	0	0	9	0	0	//	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1	—	1.7	—	10.3	—
Peshawar	Cherat *	000	0	4	36	04	97	01	0	496	80	4	0	8	1	0	59	83	000	0	0	36	05	98	00	0	450	71	0	0	9	0	0	53	66	— 3	0	10.0	— 1.2	17.5	—
	Kohat *	000	0	0	13	03	96	02	0	484	77	0	0	9	0	0	51	81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	31.5	—	48.7	29
	Landikotal *	000	0	0	16	05	98	02	0	483	84	0	0	9	0	0	76	90	000	0	0	36	02	98	02	0	466	75	0	0	9	0	0	59	63	—	—	13.1	—	22.8	15
	Parachinar *	000	0	1	16	03	95	05	0	488	77	1	0	9	5	0	49	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2	—	8.9	—	16.5	11
D.I. Khan	Miranshah *	000	0	4	05	05	97	00	1	495	88	4	0	9	0	1	71	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	3.8	— 0.4	5.4	13
	Wana *																																			—	—	—	—	—	—
Quetta	Fort Sandeman *	000	0	0	13	03	97	02	0	468	85	0	0	9	0	0	33	87	000	0	0	00	00	97	02	0	486	70	0	0	9	0	0	53	63	— 7	— 1	2.3	— 2.6	3.5	9
	Hindubagh *	000	0	0	23	05	96	05	3	///	88	0	0	9	0	0	27	84	000	0	0	25	02	97	02	0	///	64	0	0	9	0	0	44	55	—	—	0.3	—	2.1	—
	Loralai *																																			—	—	—	—	—	14
	Barkhan *																																			—	—	—	—	—	9
	Harnai *	000	0	0	13	01	96	02	0	469	91	0	0	5	0	0	66	93	000	0	0	05	01	96	02	0	448	74	0	0	9	0	0	61	71	—	—	1.1	— 6.1	1.1	8
	Samungli (Quetta) *	000	0	0	36	07	96	06	0	482	81	0	0	9	0	0	68	83	000	0	0	00	00	96	05	0	508	52	0	0	9	0	0	41	41	— 4	— 14	0.5	— 0.5	3.3	—
	Chaman *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	95	00	0	448	64	0	0	9	0	0	51	59	—	— 5	0.0	— 0.1	1.8	—
	Nushki *	000	0	0	31	03	95	06	0	523	89	0	0	9	0	0	39	90	000	0	0	00	00	97	02	0	542	73	0	0	9	0	0	26	68	—	—	0.0	—	1.1	4
	Dalbandin *	000	0	0	13	03	95	05	0	496	91	0	0	9	0	0	72	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	— 0.3	0.7	7
Kalat	Kalat *	000	0	0	30	00	90	00	2	414	79	0	0	9	0	0	63	//	000	0	0	18	00	90	00	2	473	61	0	0	9	0	0	40	//	—	—	0.0	— 1.2	0.4	—
	Khuzdar *	000	0	0	31	03	96	05	3	463	//	0	0	9	0	0	//	89	000	0	0	00	00	95	05	0	477	67	0	0	9	0	0	29	62	—	—	1.6	—	1.9	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 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 15th SEPTEMBER, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN ...	...	$Q_cL_aL_aL_oL_o$	$YYGG_{iw}$ 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

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 08	005 288 24	072 260 27	460 186 56	121 075 65	582 083 43	753 167 //	962 313 //	237 459 //	...	...	...	...	...
Dacca ...	00 00	004 268 13	040 274 13	450 169 56	077 072 59	579 005 64	752 149 //	963 305 62	239 509 //	421 061 //	662 733 //	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	005 262 27	067 262 27	400 226 67	146 086 61	587 815 63	764 063 //	983 191 //	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	665 220 43	045 /// //	410 206 42	029 072 //	575 127 //	743 207 //	950 335 //	224 515 //	406 629 //	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels.							Max. Wind Speed	TROPOPAUSE			
		PPP TTT_a DD								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	580 000 50	180 625 //	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	600 012 56	526 012 57	550 000 61	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...	00 00	360 000 //	...	...	...	...	...	...	...	...	...	...	...
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 ...	...	290 6/	290 07	300 08	305 05	340 4/	245 04	245 15	250 21
Chhor ...	...	...	...	...	...	...	...	...	...
Chittagong ...	290 04	290 07	295 10	315 15	340 15	355 08	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	285 12	295 12	315 12	340 11	345 07	010 08	..	...	..
Dacca ...	263 15	275 09	295 10	330 08	3.0 12	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	140 10	150 08	150 06	140 03	120 03	105 04	045 02	030 03	260 06
Drosh ...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	135 07	105 06	105 06	165 05	200 06	210 07
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...
Jessore ...	315 09	310 08	310 08	325 08	300 07	330 09	190 03	...	...
Jhelum ...	300 05	300 07	300 07	300 08	295 09	240 03	235 12	255 14	270 21
Jiwani ...	19? 15	150 11	150 C6	240 05	165 03	020 17	345 20	360 1/	275 C6
Karachi ...	270 15	270 17	305 11	33? 04	050 05	010 09	..	...	...
Khanpur ...	...	...	...	...	..	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	325 07	320 08	320 09	300 07	305 11	320 15	355 12	295 01	020 03
Multan ...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	105 03	110 02	195 02	195 03	1?0 03	270 06	260 07	260 09	270 08
Nokkundi ...	...	...	...	...	...	...	...	..	.
Panjgur ...	..	...	...	...	...	...	...	...	...
Peshawar ...	...	335 03	165 09	130 01	130 01	030 01	020 03	070 11	010 22
Parachinar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	270 05	310 08	255 16	270 11	285 22	...
Sargodha ...	195 01	250 04	250 06	265 C6	280 10	255 15	230 10	...	...
Skardu ...	...	...	...	...	/// //	235 03	258 C4	220 31	210 15
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 ...	270 10	265 C8	260 7/	265 09	...	250 09
Chaklala ...	...	070 C6	295 12	310 14	315 09	340 12
Chhor ...	...	...	...	...	...	...
Chittagong ...	320 07	340 08	150 06	...	300 04	...
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...	285 12	295 12	315 12	340 11	345 07	010 03
Dacca ...	...	...	...	...	200 05	...
Dalbandin ...	...	...	015 07	075 10	080 08	010 03
D. I. Khan ...	035 04	035 04	050 08	330 C3	035 04	355 06
Drosh ...	...	...	...	200 C1	005 01	015 04
Fort Sandeman ...	...	...	...	270 03	315 04	300 09
Gilgit ...	...	...	...	275 01	285 03	190 02
Ishurdi ...	...	...	...	...	...	...
Jacobabad ...	195 11	200 10	220 09	260 07	275 05	010 04
Jessore ...	...	...	...	...	...	...
Jhelum ...	340 08	305 09	310 11	305 16	300 13	355 11
Jiwani ...	220 08	235 11	...	...	...	...
Karachi ...	...	...	...	...	...	...
Khanpur ...	245 24	270 24	260 19	260 17	295 12	320 10
Khuzdar ...	...	...	...	270 07	292 27	315 12
Lahore ...	305 06	290 09	300 09	315 11	315 12	305 15
Multan ...	190 17	200 13	235 15	270 15	270 11	320 07
Nawab Shah ...	190 10	190 08	190 05	280 08	250 14	205 01
Nokkundi ...	...	...	335 16	350 10	015 06	170 03
Panjgur ...	...	...	...	..	...	...
Peshawar ...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...
Quetta ...	...	...	...	/// //	265 08	280 05
Sargodha ...	2?0 02	300 04	290 C5	280 06	335 C4	020 03
Skardu ...	...	...	...	...	...	...
Sylhet ...	090 07	080 01	305 02	290 03	...	...
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 02	305 05	295 07	280 08	295 C6	300 08	225 12	245 16	255 32	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	325 05	340 10	340 10	...	350 05	...	...	...	...	...	...
Dacca ...	280 05	300 05	305 06	295 05	300 0/	285 08	200 10	185 12	180 08	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	..
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	175 10	205 10	220 09	285 05	265 05	005 05	273 09	255 17	240 20	200 14	115 12
Jessore ...	260 55	255 05	265 06	235 07	275 06	235 06	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	210 07	225 04	...	...	...	...	...	...	...	...	...
Karachi ...	265 13	265 16	...		...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	245 03	265 06	270 06	305 11	325 07	165 04	240 13	260 24	255 28	...	...
Multan ...	255 09	300 09	290 05	230 06	250 11	265 14	265 03	210 08	220 13	280 21	...
Nawab Shah ...	190 10	160 06	300 04	230 03	265 03	070 03	260 09	265 14	255 13	235 15	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	..
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	280 07	263 16	255 22	265 17	290 23	...	310 13	290 17	315 13	295 09
Parachinar ...	...	...	..	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	200 05	210 06	195 05	250 05	260 06	350 05	251 41	245 17	245 23	260 26	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	235 10	2?0 01	305 04	...	...	...	...	...	...	...	...
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 ...	285 08	295 10	255 07	140 03	205 10	255 15	300 04	252 11	250 10	250 14	...	225 17	...	195 43	...	...	...	...	..	...	...
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.

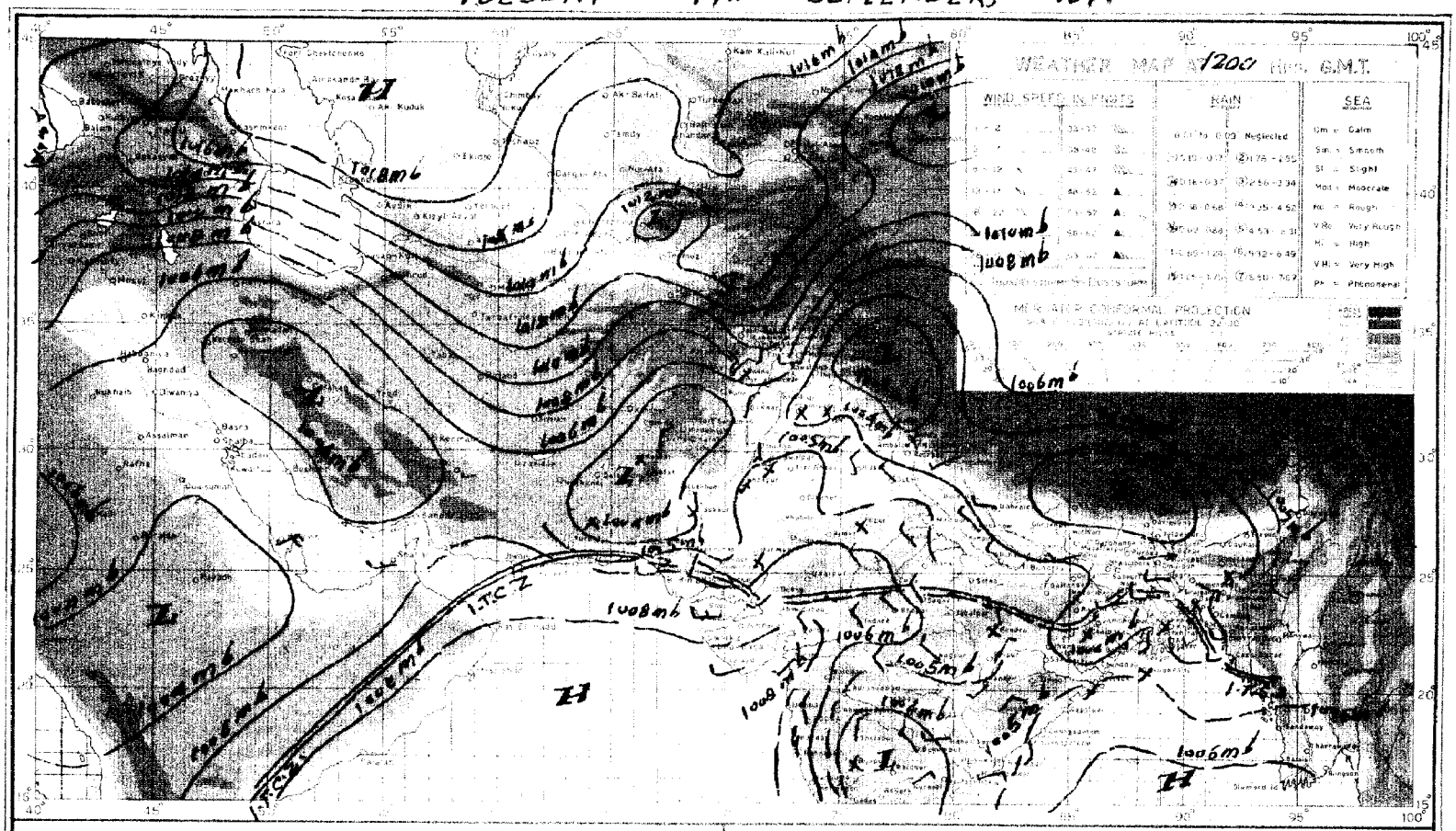
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East

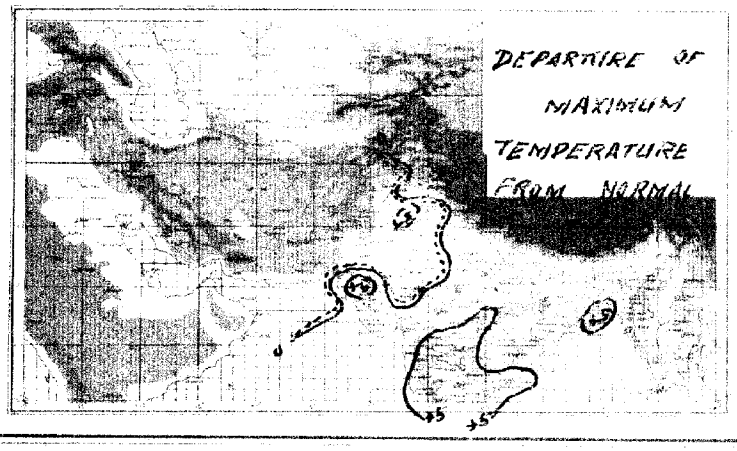
The next three figures give the wind speed "fff" in knots or in knots increased by 500

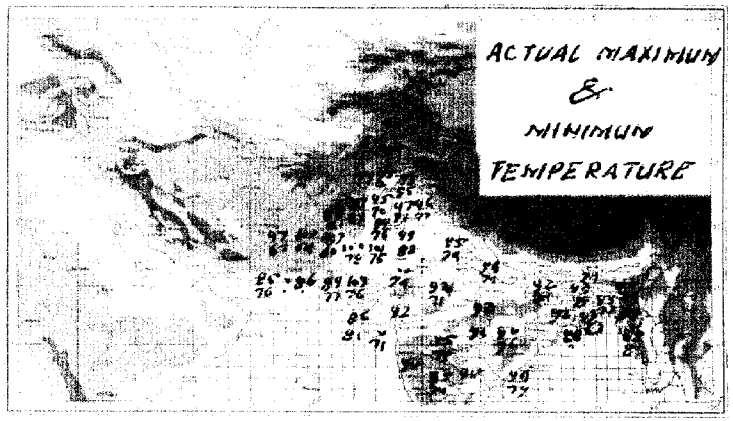
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Main Analysis Centre, University Road Karachi—32.

PAKISTAN DAILY WEATHER MAP

TUESDAY 14th SEPTEMBER, 1971

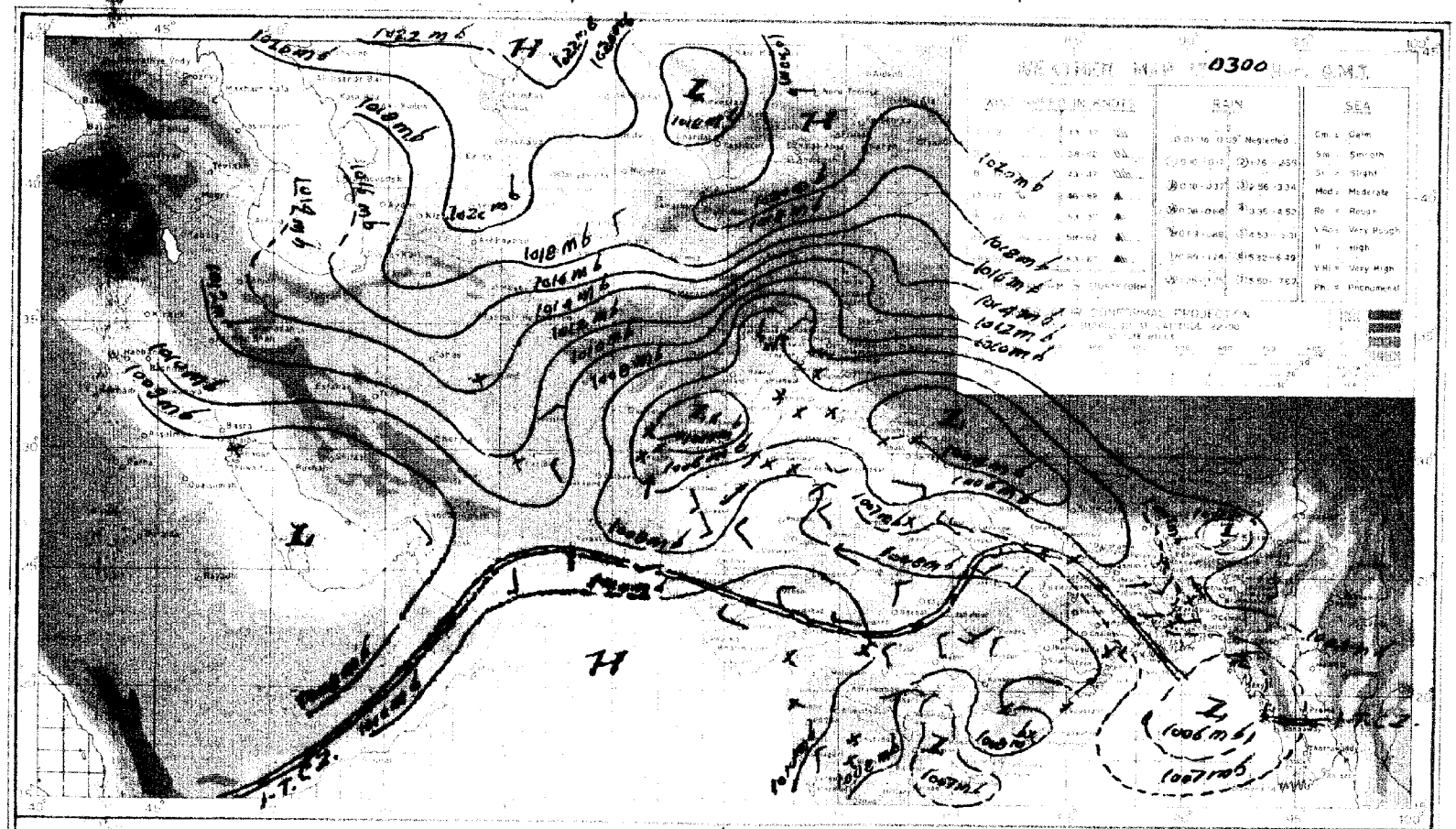


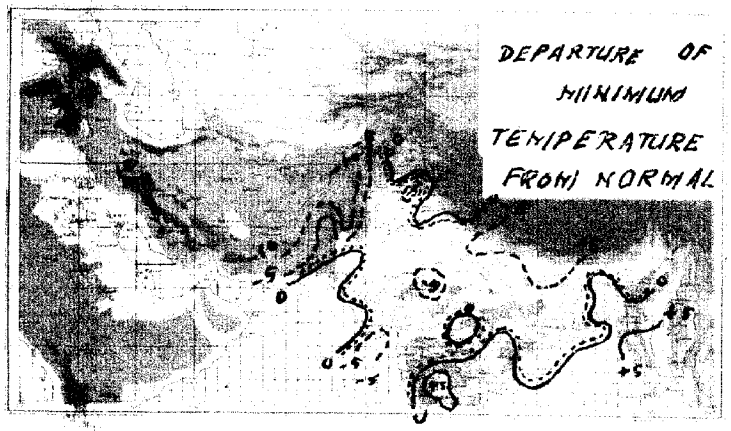


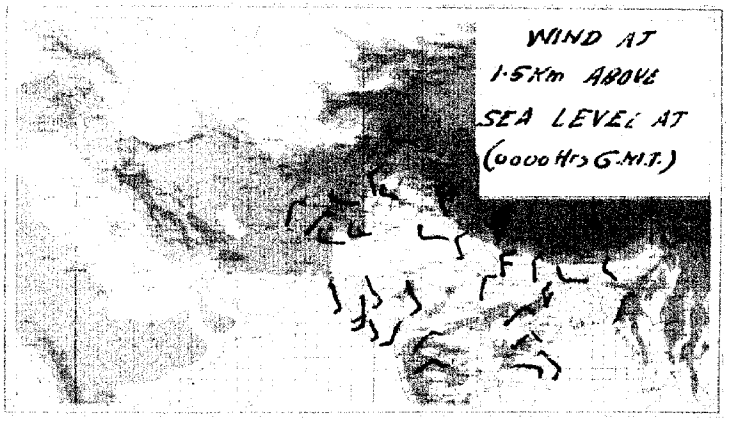


PAKISTAN DAILY WEATHER MAP

WEDNESDAY 15th SEPTEMBER, 1971.







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

7 - FEB 9
Copy 1972

THURSDAY THE 16th SEPTEMBER, 1971.

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

Monsoon has temporarily withdrawn from East Pakistan and a low pressure area now lies over central Bay of Bengal and adjoining areas. Isolated light rain has fallen in Rajshahi division.

Yesterday's westerly low pressure wave over East Russian Turkistan and its associated trough over northern areas of West Pakistan have moved away eastwards. Weather has remained dry over West Pakistan.

Day temperatures were 3—5 °F (2—3 °C) above normal in Khulna, Rajshahi and Malakand divisions and were 3—7 °F (2—4 °C) below normal in D. I. Khan, Quetta northern Kalat and Khairpur divisions.

Forecast valid until the evening of the 17th September, 1971 :— Scattered rain/thundershowers may occur in southern districts of Chittagong division. Weather will be mainly dry elsewhere over the country and in Kashmir.

Karachi-32
The 16th Septembre, 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 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 † (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 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
1	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	7	27	03	96	02	0	037	73	5	5	4	5	0	79	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1					140
	Cox's Bazar	...																																								106
	Chittagong	...																																								115
	Meijdee Court	...	000	9	0	31	02	97	00	0	024	92	0	0	9	0	0	75	//	000	9	6	00	00	97	02	0	080	88	4	2	5	2	0	75	81	—	+ 3				94
	Comilla	...	000	0	4	00	00	96	02	1	032	91	4	4	7	0	0	80	91	000	0	2	00	00	96	02	0	065	86	0	0	9	3	0	79	79	+ 2	+ 2				78
	Brahmanbaria	...																																			—	—				—
	Sylhet	...	000	0	5	00	00	96	02	0	031	86	2	8	6	0	2	75	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	— 2				98
	Srimangal	...	000	0	2	00	00	96	01	0	035	90	0	0	6	0	4	80	90	000	0	0	00	00	96	00	0	064	84	0	0	9	0	0	81	73						
Dacca	Mymensingh	...	000	0	3	00	00	97	01	1	028	83	3	5	6	0	0	83	90	000	0	4	00	00	97	02	1	071	84	4	5	6	0	0	79	81	+ 2	+ 3				91
	Narayanganj	...	000	0	5	31	02	96	02	2	039	88	4	3	4	2	1	79	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—				74
	Dacca (Tejgaon	...	000	0	5	00	06	97	02	2	031	90	1	3	5	0	3	75	91	000	0	4	00	00	96	02	2	065	88	4	8	5	3	0	63	81	—	—				—
	Faridpur	...	000	0	8	30	02	96	02	2	039	90	6	4	5	1	0	80	89	000	0	8	34	02	97	02	2	049	88	3	3	6	1	0	77	81	+ 1	+ 3				71
Khulna	Barisal	...	000	0	4	00	00	96	02	1	032	88	1	2	5	3	1	81	91	000	0	1	27	02	97	01	0	063	//	1	5	5	0	1	79	80	+ 3					81
	Khulna	...	000	0	4	00	00	97	02	0	030	91	2	2	4	0	0	88	//	000	0	0	00	00	97	00	0	066	90	0	0	9	0	0	81	82	—	—				68
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	00	00	97	02	1	074	84	4	2	9	4	0	81	81	—	—				65
	Jessore	...	000	0	6	31	02	97	04	1	030	90	1	1	4	3	1	75	94	000	0	5	27	05	96	01	2	061	88	3	1	4	4	0	79	81	+ 5	+ 3				65
Rajshahi	Pabna	...	000	0	3	31	02	97	01	1	///	92	3	0	9	7	1	75	94	000	0	0	31	02	97	02	0	///	90	0	0	9	0	0	77	84	—	—				59
	Sirajganj	...	000	0	0	00	00	97	00	0	026	93	0	0	9	0	0	75	93	000	0	0	00	00	96	00	1	064	88	0	0	9	0	0	79	75	+ 6	— 3				64
	Rajshahi	...	000	0	3	27	02	96	02	0	025	90	2	4	5	1	1	75	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	27	03	97	01	0	059	86	1	5	5	3	0	79	79	—	+ 1				69
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	18	02	96	00	0	053	90	0	0	9	0	0	79	79	—	+ 1				72
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	13	02	96	01	0	075	//	1	0	9	1	0	81	79		+ 2				84
Kashmir	Jammu	...																																								—
Lahore	Lahore (Jail Rd.)	...	000	0	0	00	00	97	01	0	030	95	0	0	9	0	0	67	96	000	0	0	00	00	97	02	0	040	83	6	0	9	0	0	68	77	— 2	+ 4	11.5	— 2.5	15.1	19
	Sialkot	...	000	0	0	00	00	98	00	0	035	93	0	0	9	0	0	67	95	000	0	0	00	00	96	02	0	048	77	0	0	9	0	0	67	71	— 1	— 3	23.4	+ 1.0	29.6	32
Rawalpindi	Jhelum	...	000	0	2	00	00	95	10	0	028	95	1	0	9	1	1	69	98	000	0	0	00	00	96	05	0	041	79	0	0	9	0	0	68	72	—	—	20.0	—	24.7	—
	Islamabad	...																																								—
	Rawalpindi	...	000	0	0	00	00	96	05	0	024	89	0	0	9	0	0	67	92	000	0	0	00	00	96	05	0	045	72	0	0	9	0	0	62	65	— 2	— 4	32.8	+10.3	40.5	36
	Campbellpur	...	000	0	0	09	01	98	00	0	///	91	0	0	9	0	0	91	95	000	0	0	02	09	97	00	0	///	70	0	0	9	0	0	70	64	—	—	8.9	—	9.4	—
Sargodha	Khushab	...	000	0	7	05	05	97	03	2	019	97	7	0	9	4	3	86	00	000	0	0	00	00	97	00	0	028	82	0	0	9	0	0	73	//	— 0	—	13.2	+ 3.5	15.2	15
	Sargodha	...	000	0	0	23	03	96	04	0	025	97	0	0	9	0	0	70	01	000	0	0	09	03	96	04	0	034	80	0	0	9	0	0	69	71	—	—	9.5	—	12.1	—
	Lyallpur	...	000	0	0	00	00	97	00	0	025	83	0	0	9	0	0	61	99	000	0	0	00	00	97	00	0	033	83	0	0	9	0	0	71	72	+ 1	— 2	7.5	— 1.4	10.8	12
Multan	Sahiwal	...																																								10
	Multan	...	000	0	0	18	27	96	05	0	024	99	0	0	9	0	0	61	00	000	0	0	18	02	94	05	0	036	79	0	0	9	0	0	67	73	— 1	— 4	4.9	+ 0.2	5.5	7
	Leiah	...	000	0	0	36	04	95	00	0	987	97	0	0	9	0	0	58	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—
Bahawalpur	Khanpur	...	000	0	0	23	03	96	02	0	028	98	0	0	9	0	0	65	00	000	0	0	23	02	96	02	0	049	80	0	0	9	0	0	70	72	—	—	1.1	— 3.8	1.7	8
	Bahawalpur	...	000	0	0	00	00	96	00	0	049	97	0	0	9	0	0	65	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	0.3	6
	Fort Abbas	...	000	0	0	32	04	98	00	0	095	98	0	0	9	0	0	79	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—
Malakand	Chakdara	...	000	0	0	23	07	96	02	0	995	92	0	0	9	0	0	16	94	000	0	0	05	03	97	02	0	036	69	0	0	9	0	0	55	64	—	—	10.3	—	20.5	—
Peshawar	Peshawar	...	000	0	0	36	05	97	02	0	019	90	0	0	9	0	0	63	95	000	0	0	00	00	96	05	0	038	75	0	0	9	0	0	65	71	— 1	— 0	8.6	+ 4.6	17.1	11
	Haripur	...	000	0	0	31	03	98	00	0	040	87	0	0	9	0	0	76	90	000	0	0	05	03	97	00	0	046	75	0	0	9	0	0	62	65	—	—	22.5	—	30.3	—
D. I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	99	00	0	055	71	0	0	9	0	0	62	70	—	—	5.9	—	8.2	11
	D. I. Khan	...	000	0	0	00	00	97	02	0	026	95	0	0	9	0	0	62	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3		—	—	4.3	—
Quetta	Sibi	...																																								9
	Nokkundi	...	000	0	0	31	05	98	02	0	042	93	0	0	9	0	0	35	97	000	0	0	31	03	97	02	4	081	72	0	0	9	0	0	44	68	—	—	0.0	—	0.2	5
Kalat	Turbat	...	000	0	0	11	02	98	00	0	012	08	0	0	9	0	0	82	08	000	0	6	27	02	98	00	0	067	82	0	0	9	0	0	76	81	—	—	0.0	—	0.0	2
	Jiwani	...	000	0	2	18	14	96	02	2	074	83	2	6	5	0	0	73	85	000	0	0	23	08	96	02	0	071	78	0	0	9	0	0	77	75	—	—	0.0	—	1.5	—
	Pasni	...																																			—	—	—	—	—	5
	Ormara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	27	05	96	06	6	063	75	6	6	6	0	0	73	//	—	—	0.8	—	0.8	6
	Lasbela	...	000	0	0	18	04	98	00	0	036	00	0	0	9	0	0	69	02	000	0	0	00	00	98	00	0	065	73	0	0	9	0	0	69	72	—	—	0.0	—	0.0	—
Karachi division	Karachi (Manora)	...																																								8
	Karachi (Airport)	...	000	0	5	27	09	96	02	1	064	85	5	6	5	0	0	73	87	000	0	7	27	07	96	03	2	062	80	7	6	5	0	0	73	77	—	—	2.6	— 4.9	2.8	—
Hyderabad	Nagarparker	...																																								—
	Chhor	...	000	0	0	23	05	96	02	0	048	93	0	0	9	0	0	65	95	000	0	0	23	03	96	02	0	066	78	0	0	9	0	0	74	72	—	—	4.5	—	4.5	7
	Hyderabad	...	000	0	0	23	07	97	03	0	045	95	0	0	9	3	0	70	95	000	0	0	23	03	97	02	0	064	79	0	0	9	0	0	72	76	+ 2	— 0	1.9	— 3.9	2.6	9
	Badin	...	000	0	0	23	07	96	02	0	060	92	0	0	9	0	0	71	94	000	0	1	23	05	96	03	0	070	78	1	6	5	0	0	74	75	—	—	2.1	— 5.1	2.1	—
Khairpur	Padidan	...	000	0	1	18	03	96	03	0	025	99	1	0	9	3	0	56	//	000	0	0	13	05	96	02	0	050	76	0	0	9	0	0	70	63	—	—	2.2	—	2.2	—
	Nawabshah	...	000	0	0	13	09	96	05	0	047	99	0	0	9	0	0	75	01	000	0	0	13	07	96	05	0	050	78	0	0	9	0	0	74	71	—	—	0.7	—	0.7	4
	Sukkur	...	000	0	0	31	05	96	00	0	032	02	0	0	9	0	0	64	03	000	0	0	23	03	97	02	0	063	80	0	0	9	0	0	79	71	—	—	1.8	—	2.2	—
	Kashmore	...	000	0	0	23	05	96	02	0	048	93	0	0	9	0	0	65	01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	0.0	4
	Jacobabad	...	000	0	0	18	07	97	02	0	028	98	0	0	9	0	0	64	99	000	0	0	13	03	98	02	0	046	79	0	0	9	0	0	70	75	— 5	— 6	2.5	+ 0.3	2.8	—
Junagadh	Veraval	...																																								20
	HILL STATIONS																																									26
Kashmir	Srinagar	* ...																																								—
	Gulmarg	*** ...																																								71
	Sonamarg	*** ...																																								24
	Dras	*** ...																																								2
	Leh	*** ...																																								4
	Skardu	*** ...																																								—
	Misgar	*** ...																																								—
	Aliabad	*** ...																																								5
	Gilgit	*** ...																																								39
Rawalpindi	Murree	* ...	000	0	0	00	00	98	00	0	458	70	0	0	9	0	0	50	73	000	0	0	31	05	98	00	0	462	63	0	0	9	0	0	44	55	— 0	— 4	40.9	+ 7.3	49.0	29
Malakand	Drosh	* ...	000	0	0	05	09	96	06	0	437	86	0	0	9	0	0	//	92	000	0	0	05	01	95	06	0	473	73	0	0	9	0	0	82	//	+ 3	—	1.7	—	10.3	—
Peshawar	Cherat	* ...	000	0	0	18	08	90	00	0	467	80	0	0	9	0	0	54	02	000	0	0	18	03	98	00	0	469	71	0	0	9	0	0	56	65	— 3	— 0	10.0	— 1.3	17.6	—
	Kakul	* ...	000	0	0	11	05	95	05	0	472	78	0	0	9	0	0	37	81	000	0	0	00	00	94	05	0	463	70	0	0	9	0	0	51	63	—	—	31.5	—	48.7	29
	Landikotal	* ...	000	0	0	13	04	98	02	0	484	86	0	0	9	0	0	72	91	000	0	0	36	02	98	02	0	474	73	0	0	9	0	0	37	62	—	—	13.1	—	22.8	13
	Parachinar	* ...	000	0	0	13	02	95	05	0	469	79	0	0	9	0	0	31	85	000	0	0	05	02	98	02	0	474	56	0	0	9	0	0	37	57	+ 4	— 1	8.9	—	16.5	11
D. I. Khan	Miranshah	* ...	000	0	4	05	05	97	00	1	471	89	4	0	9	0	1	71	90	000	0	0	05	05	99	00	0	451	72	0	0	9	0	0	55	60	—	—	3.8	— 0.4	5.4	13
	Wana	* ...	000	0	0	13	04	98	00	0	431	88	0	0	9	0	0	64	90	000	0	0	00	00	98	00	0	410	59	0	0	9	0	0	56	55	—	—	—	—	—	—
Quetta	Fort Sandeman	* ...	000	0	0	00	00	97	02	0	458	87	0	0	9	0	0	68	88	000	0	0	00	00	97	02	0	469	73	0	0	9	0	0	50	62	— 6	— 2	2.3	— 2.6	3.6	9
	Hindubagh	* ...	000	0	0	25	05	98	02	0	///	80	0	0	9	0	0	27	83	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	3.3	—
	Loralai	* ...																																			—	—	—	—	—	24
	Barkhan	* ...																																			—	—	—	—	1.1	9
	Harnai	* ...	000	0	0	05	01	96	02	0	453	92	0	0	5	0	0	45	93	000	0	0	31	01	96	02	0	442	72	0	0	9	0	0	47	66	—	—	—	— 6.1	1.1	8
	Sariungli (Quetta)	* ...	000	0	0	27	07	97	02	0	477	80	0	0	9	0	0	65	81	000	0	0	00	00	96	05	0	469	54	0	0	9	0	0	49	49	— 6	— 4	0.6	— 0.5	2.2	—
	Chaman	* ...	000	0	0	00	00	98	00	0	514	84	0	0	9	0	0	52	85	000	0	0	27	03	95	00	0	493	69	0	0	9	0	0	25	61	— 6	— 0	0.0	— 0.2	1.8	—
	Nushki	* ...	000	0	0	23	05	99	02	0	528	89	0	0	9	0	0	35	90	000	0	0	27	03	97	02	0	536	70	0	0	9	0	0	18	66	—	—	0.0	—	1.1	4
	Dalbandin	* ...	000	0	0	13	03	97	02	0	491	93	0	0	9	0	0	35	97	000	0	0	05	03	97	02	0	473	60	0	0	9	0	0	05	62	— 4	— 7	0.0	— 0.3	0.7	7
Kalat	Kalat	* ...	000	0	0	31	02	91	00	2	451	71	0	0	9	0	0	39	80	000	0	0	18	01	96	00	2	473	60	0	0	9	0	0	33	//	— 5	—	0.0	— 1.2	0.4	—
	Khuzdar	* ...	000	0	0	27	01	97	02	0	454	88	0	0	9	0	0	//	90	000	0	0	00	00	96	02	0	452	67	0	0	9	0	0	33	60	—	—	1.6	—	1.9	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 -ver999 is given RRR see the summary here for the actual amounts of rainfall

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 16th SEPTEMBER, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99LaLaLa	QcLoLoLoLo	YYGGiw	N ddFF	VV ww W	PPP TT	NhCLhCMCH	DsVsa PP	7RR tRtR	8NsCbshs	0TsTsTdTd	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.	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 ...														
Dacca ...	00 00	005 222 11	...	420 178 01	089 092 56	581 033 16	754 145 //	967 267 //	247 475 //	432 613 //	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	003 260 28	...	450 260 68	130 096 //	597 011 //	/// 123 //	986 217 //	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	963 228 46	...	380 194 62	079 094 //	577 087 //	748 159 //	961 263 //	245 415 //	436 505 //	665 593 //	...	...	...
Quetta ...														
Sargodha ...														

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 ...													
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 ...	240 08	255 08	255 07	270 11	285 12	265 12	205 09	200 06	195 04	270 06	275 05	275 06	280 09	275 08	230 09	265 05	265 07	265 05	245 06	255 07	220 12	195 12	180 01	215 03	...	...
Chaklala ...	...	155 03	155 03	255 01	275 03	270 05	195 11	320 12	315 15	...	065 09	165 01	270 20	160 16	255 10	...	165 02	160 03	280 03	265 04	270 05	215 07	315 10	330 11	...	...
Chhor ...	285 12	235 12	330 08	220 04	170 04	180 05	235 05	270 10	270 07	240 19	225 20	200 19	175 07	185 05	030 05	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	240 11	295 12	315 14	330 12	350 15	020 19	...	...	...	250 06	295 12	305 15	350 06	360 10	025 04	125 04	260 06	265 08	275 06	...	...	...	...	...	...	...
Dacca ...	310 09	300 12	285 10	235 10	285 12	250 13	225 09	210 11	155 08	275 05	275 04	315 05	...	...	...	260 08	255 07	250 06	270 08	270 04	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	065 05	060 09	050 11	025 16	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	270 23	255 36	...	...	...	...	...	...	...	075 01	050 01	050 10	220 09	200 11	210 08	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	215 12	220 12	180 02	270 08	265 02	270 26	...	...	...	060 01	160 12	030 04	...	...	...	...	060 01	160 12	030 04	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	150 05	100 05	085 07	150 06	210 07	220 09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	190 09	195 10	195 09	250 05	285 05	290 10	330 13	285 12	270 12	205 18	220 11	245 09	305 07	305 04	350 04	255 04	205 08	210 05	280 03	260 01	265 10	010 08	250 25	275 14	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	300 04	295 04	305 06	325 06	330 09	...	...	...	...	...	...
Jhelum ...	180 01	190 02	210 04	265 13	275 04	265 02	210 13	/// //	220 14	150 02	240 03	275 08	275 05	315 04	345 06	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	215 10	250 06	250 05	245 03	285 06	355 12	005 10	280 10	280 14	235 08	270 05	255 13	305 14	295 05	005 02	280 06	005 05	005 04	315 03	205 05	270 05	315 05	275 16	265 14	...	...
Karachi ...	255 21	220 16	300 17							270 07	275 11	280 09	...	...	...	255 13	265 15	...	...	...	...	...	...	...	...	...
Khanpur ...	250 15	200 17	200 17	195 13	210 13	270 15	260 11	250 15	265 13	230 14	230 17	220 19	190 20	210 18	265 14	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	320 06	345 16	345 24	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	250 06	265 06	280 04	295 05	300 08	305 09	...	280 10	...	170 04	205 04	235 04	310 04	310 05	310 07	210 03	210 07	210 03	300 03	305 04	330 04	210 02	240 06	200 05	...	...
Multan ...	210 27	205 19	205 20	245 19	255 12	260 10	255 09	260 10	...	215 09	230 07	215 06	155 04	135 04	065 12	165 07	005 04	055 04	060 06	070 03	105 15	050 25	340 07	340 05	...	...
Nawab Shah ...	170 07	200 05	265 04	265 03	255 07	265 03	270 09	245 13	230 13	195 15	200 07	205 07	195 15	310 07	200 07	170 05	140 09	120 09	105 04	025 03	325 06	235 15	245 18	...	...	...
Nokkundi ...	...	...	330 15	310 14	310 17	165 05	305 11	315 14	285 06	No	Ascent.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	—	050 07	095 03	160 11	170 10	240 08	310 15	...	310 14	...	340 04	340 04	265 02	265 02	260 05	...	045 05	010 07	325 06	300 02	295 05	320 09	140 04	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	360 03	360 05	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	/// //	295 15	285 14	215 08	310 06	330 //	...	...	...	...	340 04	275 22	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	200 04	190 05	190 03	...	270 06	310 06	275 06	275 08	270 10	040 14	285 04	280 20	340 03	005 04	330 06	110 05	130 04	130 02	220 04	225 03	335 04	355 09	315 10	305 14	...	...
Skardu ...	...	...	...	...	/// //	265 03	240 12	190 15	335 13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	225 01	235 04	260 04	255 07	...	...	...	...	...	...	...	...	...	...	...	...	...
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	20.3	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.)

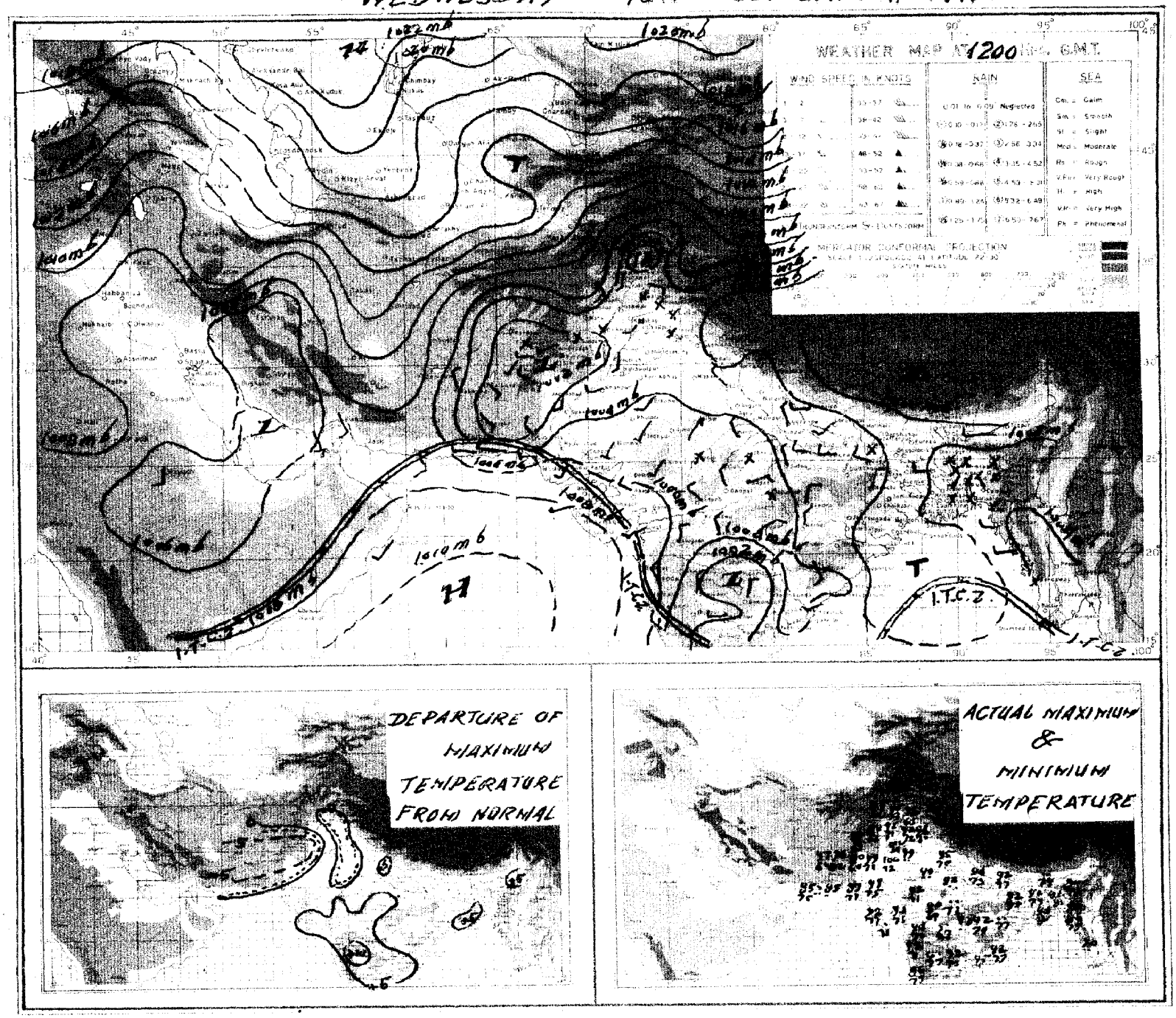
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures

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.

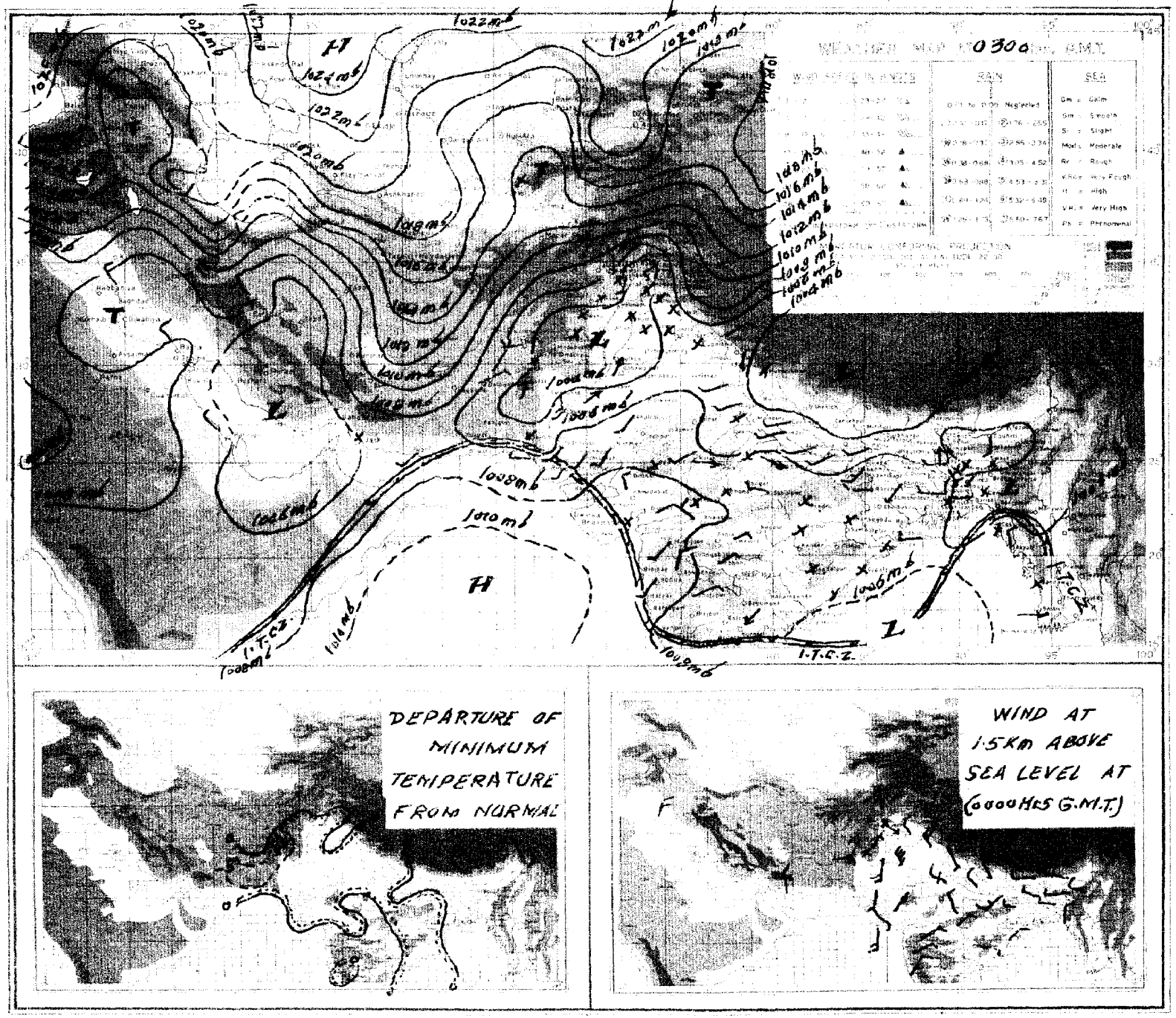
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 15th SEPTEMBER, 1971



PAKISTAN DAILY WEATHER MAP

THURSDAY 16th SEPTEMBER, 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

FRIDAY THE 17th SEPTEMBER, 1971.

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

Yesterday's trough of low over central Bay of Bengal and adjoining areas persists.

A secondary western disturbance is moving across East Russian Turkistan. I s associated trough lies over Kashmir and adjoining areas of West Pakistan.

Scattered rain has occured in Chittagong division. Weather has remained dry elsewhere over the country. Rangamati has recorded ½" of rainfall.

Day temperatures were 3—8 °F (2—4 °C) above normal in East Pakistan and in Sargodha and Malakand divisions and were 3—6 °F (2—3 °C) below normal in Quetta, Kalat and Khairpur divisions.

Forecast valid until the evening of the 18th September, 1971 :—Scattered rain/thundershowers may occur in Kashmir and adjoining areas of West Pakistan. Weather will be mainly dry elsewhere over the country.

Karachi-32
The 17th Septembre, 1971.

OBSERVATIONS

M. YAMEEN QURESHI
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 † (GL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °g (TdTd)	Maximum temperature °g (TxTx)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	038	1	7	36	08	96	06	1	031	90	5	7	5	7	1	79	92
	Cox's Bazar	000	0	7	00	00	96	03	2	023	84	4	4	4	4	0	75	90
	Chittagong	000	0	7	00	00	96	02	2	023	86	1	2	5	6	0	63	91
	Maijdee Court	000	9	0	00	00	97	00	0	012	90	0	0	9	0	0	88	88
	Comilla	000	0	0	00	00	96	02	0	022	86	0	0	9	0	0	88	91
	Brahmanbaria																	
	Sylhet	000	0	5	00	00	96	01	2	019	86	2	8	6	0	2	77	90
	Srimangal	000	0	3	00	00	96	02	0	020	84	0	0	6	0	4	81	92
Dacca	Mymensingh	000	0	4	00	00	97	01	1	029	90	4	5	6	0	0	81	91
	Narayanganj	000	0	3	31	02	96	01	2	021	90	2	1	5	1	1	79	96
	Dacca (T)agaon	000	0	3	00	00	97	01	2	020	88	1	4	5	0	4	73	94
	Faridpur	000	0	2	34	02	96	01	1	022	90	2	3	6	0	0	73	91
Khulna	Barisal	000	0	5	00	00	97	02	2	023	90	1	1	5	0	8	79	94
	Khulna	000	0	0	00	00	97	00	0	024	91	0	0	7	0	0	84	96
	Satkhira	000	0	4	00	00	97	02	4	024	90	4	2	9	2	0	79	95
	Jessore	000	0	3	31	02	97	01	2	018	91	2	4	4	0	3	75	94
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj	000	0	0	00	00	97	00	0	029	90	0	0	9	0	0	73	94
	Rajshahi	000	0	0	00	00	96	02	0	014	90	0	0	9	0	0	90	94
	Bogra	000	0	2	25	02	96	01	0	016	89	0	0	9	3	0	77	89
	Dinajpur	000	0	0	00	00	96	00	0	011	88	0	0	9	0	0	75	94
	Rangpur	000	0	1	00	00	96	01	0	036	84	1	0	9	1	0	90	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	27	02	97	02	0	020	95	0	0	9	0	0	58	98
	Sialkot	000	0	0	00	00	98	02	0	020	94	0	0	9	0	0	66	97
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	013	97	0	0	9	0	0	71	99
	Islamabad																	
	Rawalpindi	000	0	0	00	00	96	05	0	015	90	1	0	9	0	0	65	94
	Campbellpur	000	0	3	00	00	98	00	0	///	92	0	0	9	0	0	92	97
Sargodha	Khushab	000	0	0	00	00	97	06	0	005	96	0	0	9	0	0	79	02
	Sargodha	000	0	0	00	00	96	06	0	014	95	0	0	9	0	0	68	01
	Lyallpur	000	0	0	00	00	97	00	0	013	93	0	0	9	0	0	59	99
Multan	Sahiwal																	
	Multan	000	0	0	18	02	96	00	0	015	93	0	0	9	0	0	59	90
	Leiah																	
Bahawalpur	Khanpur	000	0	0	23	03	98	02	0	015	98	0	0	9	0	0	62	01
	Bahawalpur	000	0	0	00	00	96	00	0	027	95	0	0	9	0	0	53	99
	Fort Abbas	000	0	0	00	00	98	00	0	005	98	0	0	9	0	0	70	99
Malakand	Chakdara	000	0	0	23	05	96	02	0	992	91	0	0	9	0	0	69	93
Peshawar	Peshawar	000	0	1	05	03	96	05	0	010	90	1	0	9	3	0	63	93
	Haripur	000	0	0	23	03	97	00	0	022	85	0	0	9	0	0	58	90
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	021	94	0	0	9	0	0	56	96
	D. I. Khan	000	0	0	13	02	97	02	0	009	96	0	0	9	0	0	58	98
Quetta	Sibi																	
	Nokkundi	000	0	0	31	08	94	05	4	028	90	0	0	9	0	0	96	96
Kalat	Turbat	000	0	0	25	03	98	00	0	///	03	0	0	9	0	0	90	//
	Jiwani	000	0	0	23	10	96	02	0	041	86	0	0	9	0	0	71	92
	Pasni																	
	Ormara	000	0	1	27	23	96	03	3	014	85	1	6	6	0	0	72	87
	Lasbela	000	0	0	13	02	98	00	0	067	02	0	0	9	0	0	66	04
Karachi division	Karachi (Manora)																	
	Karachi (Airport)	000	0	3	23	09	96	03	1	035	84	3	6	5	0	0	75	88
Hyderabad	Nagarparker																	
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hyderabad	000	0	2	23	00	96	01	0	000	00	0	0	9	0	0	73	//
	Badin	000	0	0	23	07	97	02	0	040	92	0	0	9	0	0	71	94
Khairpur	Padidan	000	0	1	18	02	96	03	0	017	98	1	1	7	0	0	59	99
	Nawabshah	000	0	0	18	09	96	05	0	024	97	0	0	9	0	0	75	99
	Sukkur	000	0	0	31	02	96	02	0	014	02	0	0	9	0	0	64	03
	Kashmore	000	0	0	18	02	98	02	0	023	59	0	0	9	0	0	68	00
	Jacobabad	000	0	0	18	03	97	02	0	014	97	0	0	9	0	0	68	98
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg *																	
	Sonamarg *																	
	Dras *																	
	Leh *																	
	Skardu *																	
	Miagar *																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	00	00	98	00	0	461	68	0	0	9	8	0	55	71
Malakand	Drosh *	000	0	5	23	12	97	06	1	440	89	4	8	7	6	0	26	91
Peshawar	Cherat *	000	0	0	18	07	95	00	0	471	80	0	0	9	0	0	53	83
	Kakul *	000	0	1	23	03	95	05	0	466	79	1	2	6	0	0	49	80
	Landikotal *	000	0	1	18	05	96	03	0	453	85	1	0	9	3	0	69	90
	Parachinar *	000	0	1	13	05	98	02	0	455	78	1	2	6	0	0	31	80
D.I. Khan	Miranshah *	000	0	4	05	05	97	00	1	453	86	4	0	9	0	1	70	88
	Wana *	000	0	0	00	00	98	00	0	461	87	0	0	9	0	0	63	89
Quetta	Fort Sandeman *	000	0	0	27	02	97	02	0	443	86	0	0	9	0	0	47	87
	Hindubagh *	000	0	0	25	05	96	02	0	///	79	0	0	9	0	0	45	84
	Loralai *																	
	Barkhan *																	
	Harnai *	000	0	0	13	01	96	02	0	444	92	0	0	5	0	0	71	93
	Samungli (Quetta) *	000	0	0	20	05	97	02	0	452	81	0	0	9	0	0	51	82
	Chaman *	000	0	0	27	03	98	00	0	509	82	0	0	9	0	0	31	84
	Nushki *	000	0	0	31	03	97	02	0	507	87	0	0	9	0	0	35	89
Kalat	Kalat *	000	0	0	36	01	91	00	2	429	75	0	0	9	0	0	40	80
	Khuzdar *	000	0	0	13	05	97	02	0	434	87	0	0	9	0	0	33	89
	Panjgur *																	

Divisions	Stations	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 °g (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	038	4	3	36	02	97	01	4	064	84	2	4	6	8	1	79	79	—	—	64.4			—
	Cox's Bazar	012	2	7	31	05	96	02	2	050	84	5	5	4	3	0	79	79	+ 3	+ 3	107.3			140
	Chittagong	000	0	5	05	02	96	05	4	059	84	3	4	4	3	0	81	81	+ 4	+ 4	121.2			108
	Maijdee Court	003	9	3	18	02	97	03	2	058	88	5	2	3	2	0	75	81	+ 1	+ 3	81.9			115
	Comilla	000	0	0	00	00	96	02	0	054	86	0	0	9	0	0	79	79	+ 3	+ 3	28.0			94
	Brahmanbaria																				—	—	—	78
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—
	Srimangal	000	0	0	00	00	96	00	0	048	88	0	0	9	0	0	81	75	+ 1	0	24.3			98
Dacca	Mymensingh	000	0	0	00	00	97	01	1	063	86	6	5	6	0	0	81	82	+ 3	+ 4	55.9			91
	Narayanganj	000	0	4	31	01	97	02	1	053	90	3	2	4	1	1	79	81	+ 8	+ 2	46.1			74
	Dacca (T)agaon	000	0	2	00	00	97	01	2	055	88	2	2	6	0	0	73	79	—	—	60.5			—
	Faridpur	000	0	5	00	00	97	02	2	057	88	3	3	6	1	0	79	81	+ 4	+ 3	76.7			71
Khulna	Barisal	000	0	5	27	07	96	03	0	056	86	1	4	4	0	6	79	81	+ 6	+ 3	47.1			81
	Khulna	000	0	0	00	00	97	00	0	052	88	0	0	9	0	0	82	82	—	—	72.2			68
	Satkhira	000	0	5	27	04	97	03	4	057	88	4	2	9	2	4	81	81	—	—	64.9			65
	Jessore	000	0	6	27	07	97	02	2	052	88	5	5	4	3	0	81	81	+ 5	+ 3	59.4			65
Rajshahi	Pabna	000	0	0	23	02	98	02	1	///	90	0	0	9	0	0	79	82	—	—	32.7			59
	Sirajganj	000	0	0	00	00	98	00	0	///	88	0	0	9	0	0	81	79	+ 7	+ 1	15.8			64
	Rajshahi	000	0	0	13	02	96	02	0	049	88	0	0	9	0	0	79	79	—	—	30.0			—
	Bogra	000	0	4	18	03	97	01	2	047	88	2	4	5	4	0	79	77	+ 1	— 1	39.6			69
	Dinajpur	000	0	0	18	02	96	00	0	044	88	0	0	9	0	0	75	79	+ 6	+ 1	2.4			72
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6	—	—			84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	05	0	040	81	0	0	9	0	0	63	74	—	+ 1	11.5	— 2.5	15.1	19
	Sialkot	000	0	0	09	02	97	02	0	043	78	0	0	9	0	0	69	71	+ 2	— 3	23.4	+ 0.9	29.6	32
Rawalpindi	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	24.7	—
	Islamabad																				—	—	—	—
	Rawalpindi	000	0	0	00	00	96	05	0	044	71	0	0	9	0	0	63	64	0	— 5	32.8	+10.1	40.5	36
	Campbellpur	000	0	0	05	03	97	00	0	///	78	0	0	9	0	0	78	74	—	—	80.9	—	9.4	—
Sargodha	Khushab	000	0	0	00	00	97	06	0	029	80	0	0	9	0	0	78	//	+ 3	—	13.2	+ 3.5	15.2	15
	Sargodha	000	0	0	00	00	96	04	0	036	75	0	0	9	0	0	68	69	—	—	9.5	—	12.1	—
	Lyallpur	000	0	0	00	00	97	00	0	039	79	0	0	9	0	0	65	72	+ 1	— 2	7.5	— 1.5	10.8	12
Multan	Sahiwal																							10
	Multan	000	0	0	18	05	96	05	0	036	79	0	0	9	0	0	62	72	— 1	— 5	4.9	+ 0.2	5.5	7
	Leiah																				—	—	—	8
Bahawalpur	Khanpur	000	0	0	23	02	96	02	0	045	80	0	0	9	0	0	71	72	—	—	1.1	— 3.8	1.7	6
	Bahawalpur	000	0	0	00	00	96	00	0	053	77	0	0	9	0	0	67	71	—	—	0.0	— 4.2	0.3	6
	Fort Abbas	000	0	0	05	02	98	00	0	078	//	0	0	9	0	0	73	80	—	—	—	—	—	8
Malakand	Chakdara	000	0	0	05	05	97	02	0	033	70	0	0	9	0	0	60	65	—	—	10.3	—	20.5	—
Peshawar	Peshawar	000	0	0	00	00	96	05	0	043	75	0	0	9	0	0	64	71	— 2	0	8.6	+ 4.8	17.1	11
	Haripur	000	0	0	05	03	98	00	0	065	76	0	0	9	0	0	58	67	—	—	22.5	—	30.3	—
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	060	70	0	0	9	0	0	62	69	—	—	5.9	—	8.2	11
	D. I. Khan	000	0	0	00	00	97	02	0	036	78	0	0	9	0	0	61	70	— 2	— 5	7.6	— 2.7	4.3	9
Quetta	Sibi																				—	—	—	5
	Nokkundi	000	0	0	31	24	97	02	4	077	71	0	0	9	0	0	37	62	—	—	0.0	—	0.2	2
Kalat	Turbat	000	0	0	31	02	98	00	0	023	84	0	0	9	0	0	78	83	—	—	0.0	—	0.0	—
	Jiwani	000	0	2	36	03	96	03	1	056	78	2	6	5	0	0	75	74	—	—	0.0	—	0.0	5
	Pasni																				—	—	0.0	6
	Ormara	000	0	0	09	07	96	02	0	052	77	0	0	9	0	0	73	//	—	—	—	—	—	6
	Lasbela	000	0	0	00	00	98	00	0	053	73	0	0	9	0	0	70	72	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora)																				—	—	—	8
	Karachi (Airport)	000	0	3	27	02	96	00	1	059	79	6	5	5	0	0	74	74	—	—	2.6	— 5.3	2.8	—
Hyderabad	Nagarparker																				—	—	0.0	—
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	4.5	—	4.5	7
	Hyderabad	000	0	0	23	02	96	02	0	059	78	0	0	9	0	0	74	72	—	—	1.9	— 3.9	2.6	9
	Badin	000	0	0	23	02	97	02	0	054	78	0	0	9	0	0	72	75	//	— 1	2.1	—	2.1	—
Khairpur	Padidan	000	0	0	23	02	96	02	0	063	79	0	0	9	0	0	71	75	—	—	—	—	—	—
	Nawabshah	000	0	0	13	05	96	02	0	047	76	0	0	9	0	0	71	72	—	—	2.2	—	2.2	—
	Sukkur	000	0	0	13	07	96	05	0	049	76	0	0	9	0	0	68	71	—	—	0.7	—	0.7	4
	Kashmore	000	0	0	23	05	96	02	0	041	80	0	0	9	0	0	71	78	—	—	1.8	—	2.2	—
	Jacobabad	000	0	0	13	07	97	02	0	045	80	0	0	9	0	0	72	76	— 6	0	2.5	+ 0.3	2.6	4
Junagadh	Veraval																							20
	HILL STATIONS																							26
Kashmir	Srinagar *																							—
	Gulmarg *																							71
	Sonamarg *																							26
	Dras *																							3
	Leh *																							6
	Skardu *																							—
	Miagar *																							—
	Aliabad *																							5
	Gilgit *																							39
Rawalpindi	Murree *	000	0	0	31	02	98	00	0	463	63	0	0	9	0	0	47	55	— 2	— 4	40.9	+ 7.1	49.0	18
Malakand	Drosh *	000	0	0	00	00	98	06	0	473	67	0	0	9	0	0	33	65	+ 3	+ 1	1.7	—	10.3	29
Peshawar	Cherat *	000	0	0	18	06	98	00	0	470	71	0	0	9	0	0	54	62	— 1	— 3	10.0	— 1.4	17.6	—
	Kakul *	000	0	0	34	02	95	05	0	463	69	0	0	9	0	0	53	64	—	—	31.5	—	48.7	29
	Landikotal *	000	0	0	36	02	98	02	0	466	75	0	0	9	0	0	53	52	—	—	13.1	—	22.8	13
	Parachinar *	000	0	0	00	00	98	02	0	471	65	0	0	9	0	0	39	59	0	+ 1	8.9	—	16.5	11
D.I. Khan	Miranshah *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	5.4	13
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—
Quetta	Fort Sandeman *	000	0	0	00	00	96	02	0	464	67	0	0	9	0	0	51	62	— 4	— 2	2.3	— 2.6	3.6	9
	Hindubagh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	2.1	—
	Loralai *																		—	—	—	—	—	14
	Barkhan *																		—	—	—	—	1.1	7
	Harnai *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	1.1	8
	Samungli (Quetta) *	000	0	0	00	00	97	02	0	488	52	0	0	9	0	0	28	39	— 3	— 14	0.6	— 0.5	3.3	—
	Chaman *	000	0	0	27	03	96	00	0	493	69	0	0	9	0	0	25	//	— 6	//	0.0	— 0.3	1.8	—
	Nushki *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	1.1	4
	Dalbandin *																		—	—	—	—	0.7	7
Kalat	Kalat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4	—	—	—	0.4	—
	Khuzdar *	000	0	0	00	00	96	02	0	440	64	0	0	9	0	0	27	60	—	—	1.6	—	1.5	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 0900 hrs. G.M.T. of the same day

When over999 is given RRR see the remarks above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 17th SEPTEMBER, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	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$_s$h$_s$	0T$_s$T$_s$T$_d$T$_d$	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														
SMV	99 0 10	10 8 31	17 0 03	82 7 16	98 0 32	08 7 27	18 8 30	83 4 00			07 2 23	12 7 57	33 4 03	
INAGO	99 2 20	10 5 98	17 0 64	42 0 07	98 0 20	07 1 25	00 9 00	...			00 0 23	12 5 00	3. 01	

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 TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	081 272 11		440 176 23	094 090 58	581 057 31	753 152 49	964 301 59	239 535 //	417 701 //	630 857 //	...	...	...
Dacca ...	00 00	002 268 17	...	460 183 50	075 080 65	580 037 63	753 145 65	965 291 //	243 495 //	426 645 //	664 799 //	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	002 250 18	...	400 190 66	089 068 62	581 035 10	754 137 //	965 305 //	247 381 //	...	...	...	...	...
Multan ...														
Peshawar ...														
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	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 ...	055 07	270 05	280 07	260 09	250 07	225 14	220 22	225 03	...	220 04	235 05	240 07	270 07	260 08	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	195 05	220 02	250 03	230 08	205 03	300 09	300 11	310 13	...	250 03	250 04	290 06	305 08	280 09	...	170 04	235 04	290 04	330 04	240 08	305 07	225 06	255 13	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	235 13	220 15	190 15	140 10	125 11	070 09	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	305 08	330 11	350 12	345 12	315 07	350 12	...	...	...	045 08	145 10	180 09	...	...	...	320 08	325 04	315 06	250 06	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	340 08	345 06	345 10	005 16	015 30	005 10	...	...	...	330 07	325 11	325 13	020 09	...	...	300 10	305 11	335 14	355 12	015 06	...	...	...	...	...	...
Dacca ...	335 08	315 07	305 08	325 06	285 07	255 15	250 12	235 15	260 15	230 04	305 03	330 05	...	...	...	270 08	245 04	245 03	325 03	325 03	325 10	255 11	250 17	200 21	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	115 03	195 08	185 09	215 08	215 12	230 18	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	235 12	225 13	205 13	155 03	...	...	...	...	...	220 02	030 01	005 01	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	270 01	265 06	285 06	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	190 04	175 03	160 02	240 05	245 05	210 03	360 08	310 10	270 08	205 14	200 12	185 07	125 05	100 07	045 10	205 15	215 15	235 12	235 05	070 02	065 09	140 07	260 12	260 18	...	...
Jessore ...	290 07	310 05	310 05	290 18	280 09	250 11	210 05	075 07	...	...	...	...	...	...	...	250 08	250 07	265 04	050 03	060 01	...	...	...	...	...	...
Jhelum ...	220 01	255 02	300 03	290 04	340 05	350 07	260 10	240 24	255 25	350 02	325 01	310 05	275 10	295 11	290 12	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	...	...	...	...	...	...	...	...	...	195 04	350 08	320 12	300 06	280 01	295 08	360 06	080 12	015 14	315 04	240 05	350 11	300 06	265 13	255 09	...	...
Karachi ...	240 10	275 11	280 09	335 07	335 07	315 08	330 25	350 27	360 29	...	...	...	...	...	...	240 08	295 05	315 05	035 01	335 01	...	...	...	...	...	...
Khanpur ...	235 08	240 10	240 14	220 15	225 15	195 10	265 04	340 04	020 08	240 14	240 15	235 12	235 10	285 10	285 07	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	295 08	345 12	310 05	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	295 04	285 04	285 04	280 03	285 03	260 05	130 04	230 04	240 04	220 08	235 02	330 04	325 06	335 06	355 10	280 04	235 08	230 09	290 06	005 07	045 05	345 06	315 09	320 09	...	...
Multan ...	200 04	180 04	185 05	185 05	210 03	005 10	045 13	020 15	355 12	120 06	135 11	140 10	145 06	025 03	...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	180 06	170 04	055 03	010 05	340 08	320 11	265 16	240 15	250 14	110 15	105 04	110 15	085 09	040 15	045 15	120 10	105 08	065 05	045 11	045 10	065 15	245 10	220 17	245 23	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	050 12	060 14	110 10	170 13	210 09	310 08	285 13	315 20	...	335 03	020 03	315 02	280 02	325 02	...	030 04	355 05	035 02	030 03	325 04	320 10	300 15	300 14	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	235 03	360 04	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	225 02	235 02	265 12	265 14	255 16	...	...	...	...	360 04	270 09	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	210 01	270 01	355 01	260 02	275 03	360 05	270 09	260 19	255 22	265 08	235 04	/// //	330 03	010 07	330 10	005 02	190 02	230 06	250 06	285 03	350 03	245 06	255 17	250 25	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	075 03	035 01	310 03	280 07	240 03	210 05	130 04	140 01	...	...	...	...	...	...	...	...	...
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 ...	270 05	275 12	350 10	350 06	350 05	245 06	255 09	250 17	235 15	...	...	...	...	...	...	...	...	...	...	...	...
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

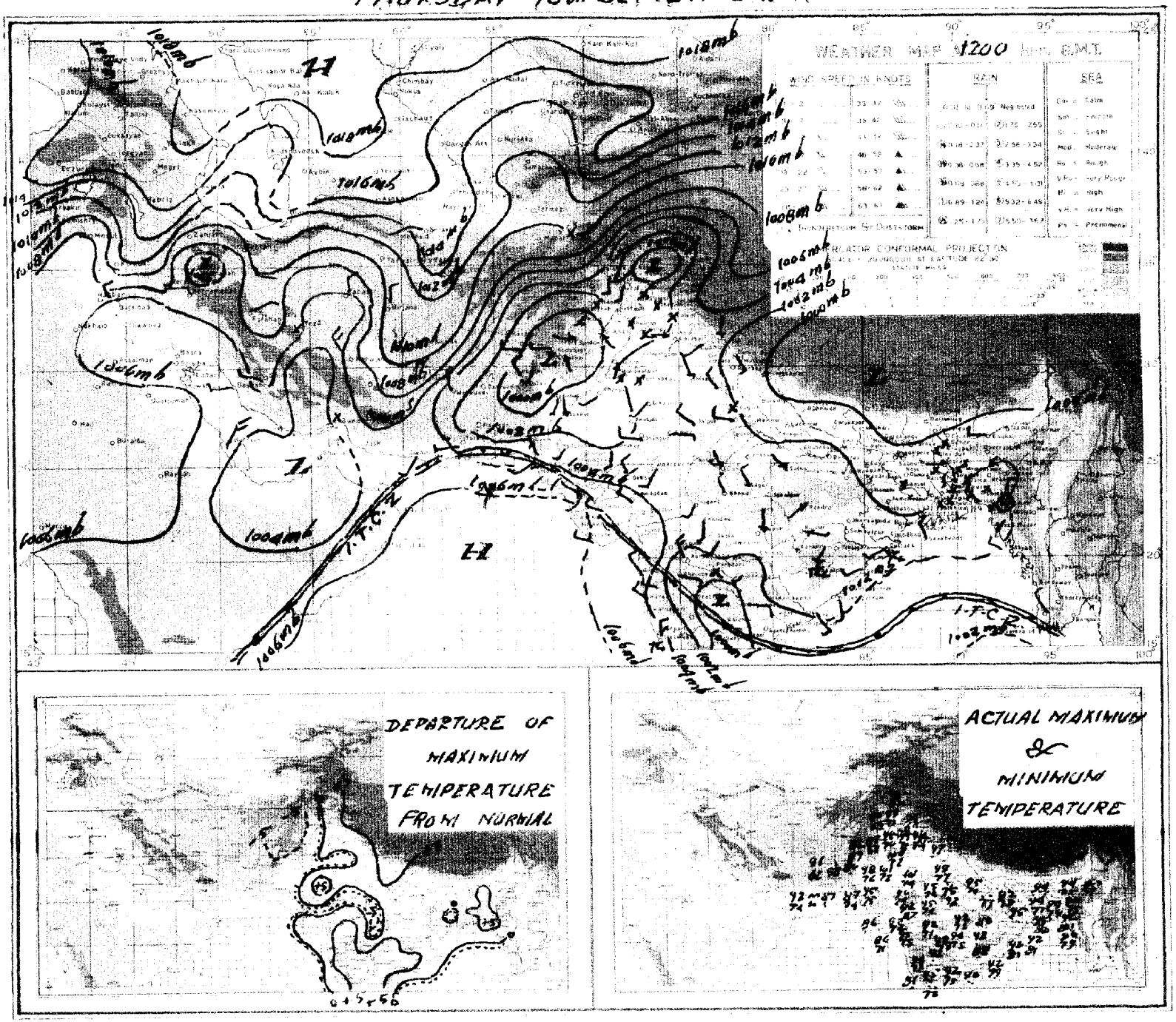
The actual time of observations may vary within half an hour of the specified time

* 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.

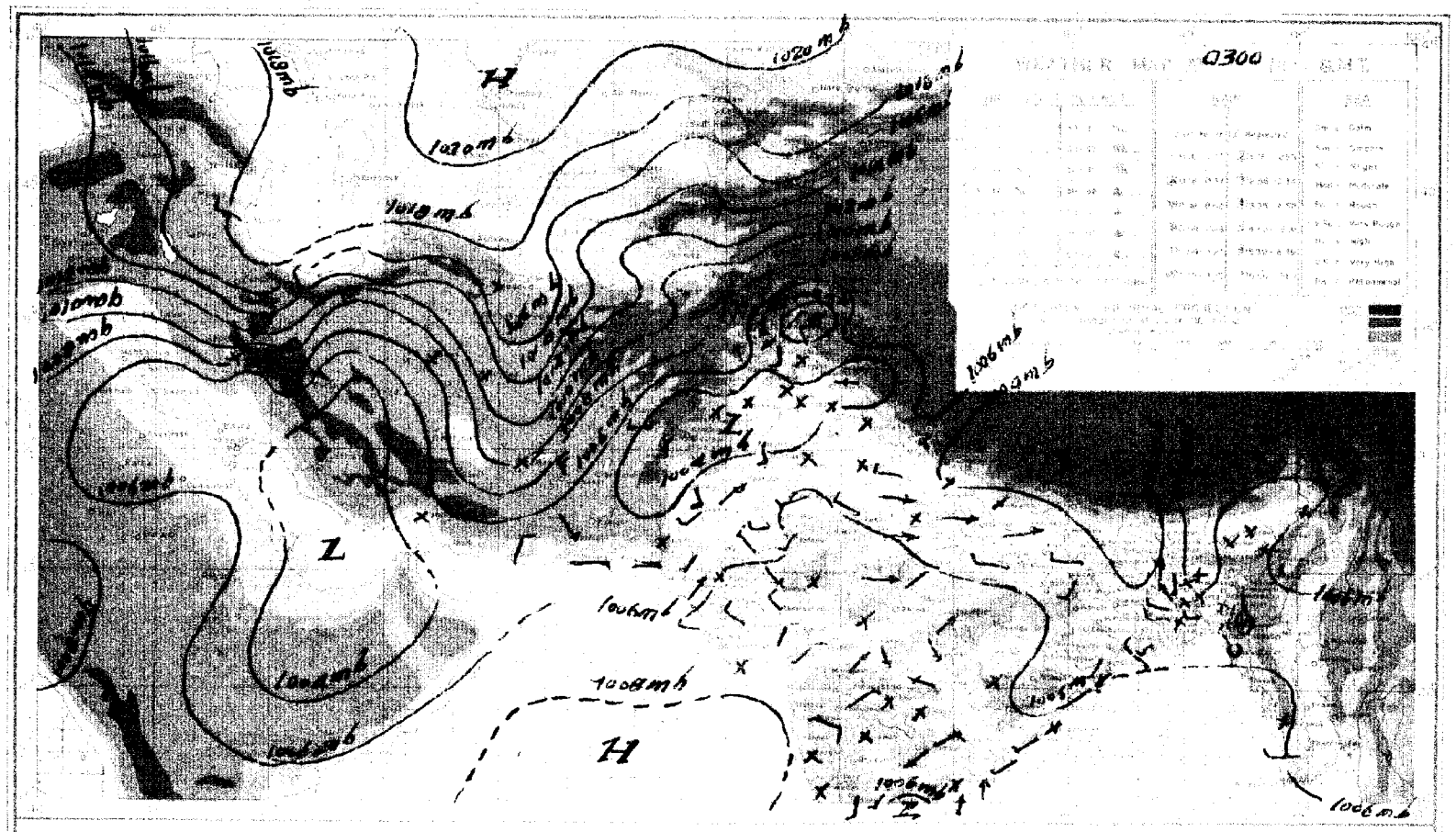
PAKISTAN DAILY WEATHER MAP

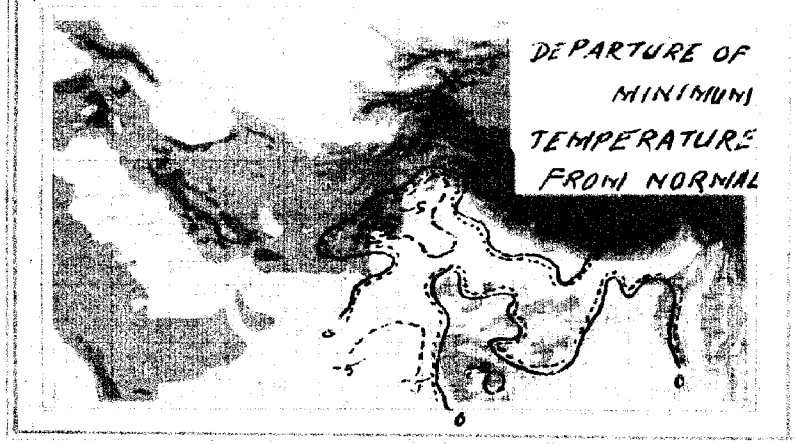
THURSDAY 16th SEPTEMBER, 1971.

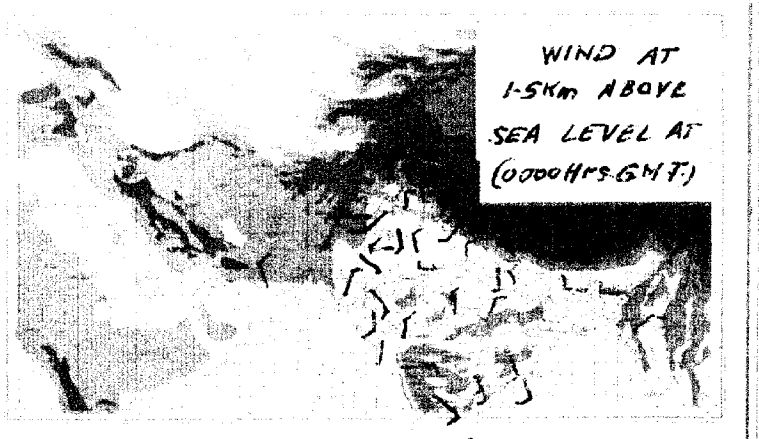


PAKISTAN DAILY WEATHER MAP

FRIDAY 17th SEPTEMBER, 1971







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 5
2 - FEB 9
Copy 1972

SATURDAY THE 18th SEPTEMBER, 1971.

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

The trough of low over central and adjoining Bay of Bengal has apparently become unimportant.
A trough of low lies over southern Chittagong division and adjoining areas
Yesterday's secondary western disturbance over East Russian Turkistan and i's associated trough over Kashmir and adjoining areas have moved away eastwards.
A trough of low has appeared over southeast Hyderabad division and adjoining areas
Weather has remained dry over the country.
Day temperatures were generally 3—6 °F (2—3 °C) above normal in East Pakistan and in Sargodha and Malakand divisions and were 3—8 °F (2—4 °C) below normal in Quetta, northern Kalat and Khairpur divisions.

Forecast valid until the evening of the 19th September, 1971 :—Scattered rain/thundershowers are likely to occur over Chittagong division. Weather will be mainly dry elsewhere over the country.

Karachi-32
The 18th Septembre, 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 (1)	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 † 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)	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 (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)	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 ...	000	0	7	36	08	97	02	1	029	90	4	4	4	7	/	78	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	64.4	—	—	—
	Cox's Bazar ...	000	0	6	00	00	96	01	5	029	85	4	4	4	2	0	81	88	000	0	5	00	00	96	02	2	055	84	4	3	4	2	0	79	79	+1	+3	107.3	+3.2		140
	Chittagong ...	000	9	6	00	00	96	02	4	025	88	2	4	4	3	1	77	92	000	0	6	31	02	96	05	2	056	62	0	0	9	0	2	79	//	+5	//	121.2	−48.3		108
	Maijdee Court ...	000	9	0	00	00	97	00	0	120	90	0	0	9	0	0	88	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+5		—	—	—	115
	Comilla ...	000	0	0	00	00	96	02	0	024	90	0	0	9	0	0	76	92	000	0	0	00	00	56	02	0	054	90	0	0	9	0	0	79	//	+4	—	28.0	−31.2		94
	Brahmanbaria ...																																								78
	Sylhet ...	000	0	4	00	00	96	02	1	101	96	0	0	9	0	0	//	//	000	0	4	00	00	96	01	2	056	96	1	6	6	3	2	77	75	—	—	82.6	—		—
	Srimangal ...	000	0	2	00	00	96	02	0	039	//	/	/	/	/	/	78	92	000	0	0	00	00	96	00	0	060	89	0	0	9	0	0	77	73	+2	−2	24.3	−30.8		98
Dacca	Mymensingh ...	000	0	4	13	02	97	01	1	025	90	4	5	5	0	0	73	93	000	0	1	23	02	97	01	1	067	84	4	5	6	1	0	75	82	+5	+4	55.9	−2.3		91
	Narayanganj ...	000	0	7	13	02	95	02	2	023	90	6	3	3	1	1	78	95	000	0	5	00	00	97	02	2	055	90	4	2	4	1	1	79	82	+7	+3	46.1	+1.0		74
	Dacca (Tejgaon) ...	000	0	6	27	02	97	02	2	016	88	6	9	5	0	0	78	92	000	0	5	00	00	96	03	4	052	88	5	6	5	0	0	79	81	—	—	60.5	—		—
	Faridpur ...	000	0	3	//	//	96	01	1	030	92	2	4	6	1	0	78	92	000	0	5	00	00	97	01	1	049	90	3	4	5	1	0	79	81	+5	+3	26.7	−16.9		71
Khulna	Barisal ...	000	0	5	00	00	97	02	1	022	90	4	0	1	7	9	//	94	000	0	5	00	00	97	02	2	054	88	2	8	5	5	1	81	82	+6	+4	47.1	−6.3		81
	Khulna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	00	0	042	90	0	0	9	0	0	81	82	—	—	22.2	−23.4		68
	Satkhira ...																																					—		—	65
	Jessore ...	000	0	6	27	05	96	03	2	016	92	3	4	4	4	0	78	94	000	0	6	00	00	98	01	2	005	88	4	7	4	6	1	81	82	+5	+3	59.4	+18.8		65
Rajshahi	Pabna ...	000	0	0	23	02	97	03	0	///	//	0	0	9	0	0	75	94	000	0	0	23	02	92	02	0	///	90	2	7	9	/	/	81	82	—	—	32.7	—		59
	Sirajganj ...	000	0	0	00	00	97	00	0	039	//	0	0	9	0	0	//	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+7		—	—		64
	Rajshahi ...	000	0	0	00	00	96	02	0	013	91	0	0	9	0	0	75	94	000	0	2	13	02	96	02	0	043	//	2	4	5	0	0	79	81	—	—	20.0	—		—
	Bogra ...	000	0	5	25	02	//	02	2	014	90	4	5	5	3	0	69	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+4		—	—	—	59
	Dinajpur ...																																					—	—	—	72
	Rangpur ...	000	0	1	00	00	96	01	0	038	83	1	0	9	1	0	78	93	000	0	6	13	05	96	03	0	068	84	0	0	9	0	0	79	77	+5	0	40.2	−16.5		84
Kashmir	Jammu ...																																								—
Lahore	Lahore (Jail Rd.) ...	000	0	0	00	00	96	06	0	027	95	0	0	9	0	0	58	98	000	0	0	00	00	96	05	0	039	82	0	0	9	0	0	79	73	0	0	11.5	−2.5	15.1	19
	Sialkot ...	000	0	0	00	00	98	02	0	029	95	0	0	9	0	0	76	96	000	0	0	09	02	96	02	0	051	82	0	0	9	0	0	70	73	+	−1	23.4	+0.8	29.6	32
Rawalpindi	Jhelum ...	000	0	0	00	00	97	02	0	016	95	0	0	9	0	0	73	99	000	0	0	00	00	96	05	0	038	77	0	0	9	0	0	66	69	—	—	20.0	—	24.7	—
	Islamabad ...																																					—	—	—	
	Rawalpindi ...	000	0	0	00	00	96	06	0	018	90	0	0	9	0	0	53	94	000	0	0	00	00	96	05	0	045	73	0	0	9	0	0	60	62	0	−7	32.8	+10.0	40.5	36
	Campbellpur ...	000	0	0	13	00	98	00	0	///	93	0	0	9	0	0	//	94	000	0	0	05	01	97	00	0	///	72	0	0	9	0	0	72	70	—	—	8.9	—	9.4	—
Sargodha	Khushab ...	000	0	0	00	00	97	00	0	019	99	0	0	9	0	0	75	02	000	0	0	00	00	98	00	0	023	79	0	0	9	0	0	74	//	—	—	13.2	+3.4	15.2	15
	Sargodha ...	000	0	0	23	03	97	02	0	120	96	0	0	9	0	0	67	02	000	0	0	00	00	96	04	0	032	77	0	0	9	0	0	79	79	—	—	9.5	—	12.1	—
	Lyallpur ...	000	0	0	00	00	97	00	0	008	92	0	0	9	0	0	//	98	000	0	0	00	00	97	00	0	941	77	0	0	9	0	0	66	71	0	−3	7.5	−1.5	10.8	12
Multan	Sahiwal ...																																								10
	Multan ...	000	0	0	18	05	96	05	0	020	97	0	0	9	0	0	59	90	000	0	0	18	03	96	05	0	035	81	0	0	9	0	0	58	73	−1	−4	4.9	+0.2	5.5	7
	Leiah ...	000	0	0	36	04	95	00	0	994	//	0	0	9	0	0	62	98	000	0	0	36	04	93	00	0	035	79	0	0	9	0	0	66	70	—	—	—			8
Bahawalpur	Khanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	23	02	96	02	0	047	81	0	0	9	0	0	64	70	—	—	10.1	−3.8	1.7	6
	Bahawalpur ...	000	0	0	00	00	96	00	0	020	95	0	0	9	0	0	73	99	000	0	0	00	00	96	00	0	072	78	0	0	9	0	0	59	76	—	—	0.0	−4.2	0.3	6
	Fort Abbas ...	000	0	0	00	00	58	00	0	005	98	0	0	9	0	0	70	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—		—	8
Malakand	Chakdara ...	000	0	0	23	05	98	02	0	992	92	0	0	9	0	0	59	93	000	0	0	05	07	97	02	0	039	68	0	0	9	0	0	57	62	—	—	10.3	—	20.5	—
Peshawar	Peshawar ...	000	0	0	00	00	96	05	0	012	92	0	0	9	0	0	64	95	000	0	0	00	00	96	05	0	035	73	0	0	9	0	0	62	73	0	+2	8.6	+4.5	17.1	11
	Haripur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	03	58	00	0	048	74	0	0	9	0	0	59	64	—	—	22.5	—	30.3	—
D. I.-Khan	Bannu ...	000	0	0	00	00	99	00	0	031	93	0	0	9	0	0	57	96	000	0	0	00	00	99	00	0	056	70	0	0	9	0	0	53	68	—	—	5.9	—	8.2	11
	D. I. Khan ...	000	0	0	15	02	97	02	0	021	96	0	0	9	0	0	55	99	000	0	0	31	02	97	02	0	038	74	0	0	9	0	0	63	68	−1	−7	2.6	−2.7	4.3	9
Quetta	Sibi ...																																								5
	Nokkundi ...	000	0	0	31	09	97	02	0	029	91	0	0	9	0	0	47	92	000	0	3	11	07	97	02	4	016	73	0	0	9	0	0	51	//	—	—	0.0	—	0.2	2
Kalat	Turbat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	13	02	98	00	0	040	83	0	0	9	0	0	71	//	—	—	0.0	—	0.8	—
	Jiwani ...	000	0	0	18	10	96	02	0	040	88	0	0	9	0	0	76	92	000	0	0	23	02	95	01	0	068	77	0	0	9	0	0	77	73	—	—	0.0	—	0.0	5
	Pasni ...																																					—	—	0.8	4
	Ormara ...	000	0	0	27	10	96	03	3	029	85	1	6	6	0	0	76	90	000	0	0	00	00	93	01	0	057	74	0	0	9	0	0	74	//	—	—	—	—	—	6
	Lasbela ...	000	0	0	18	02	98	00	0	002	05	0	0	9	0	0	52	06	000	0	0	00	00	98	00	0	063	72	0	0	9	0	0	67	70	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora) ...																																								8
	Karachi (Airport) ...	000	0	0	23	09	96	01	0	043	85	2	6	5	0	0	75	89	000	0	2	27	05	96	02	0	060	79	2	6	5	0	0	73	76	—	—	2.6	−5.4	2.8	—
Hyderabad	Nagarparkar ...																																					—	—	0.0	—
	Chhor ...	000	0	0	23	07	96	08	0	036	95	4	2	6	0	0	65	96	000	0	0	23	03	96	02	0	059	78	0	0	9	0	0	74	72	—	—	4.5	—	4.5	7
	Hyderabad ...	000	0	0	23	05	97	03	0	034	83	2	5	6	0	0	67	97	000	0	0	23	03	99	02	0	058	80	0	0	9	0	0	73	75	0	−1	1.9	−4.0	2.6	9
	Badin ...	000	0	0	23	05	97	02	0	045	92	0	0	9	0	0	68	95	000	0	1	31	05	96	02	0	065	//	7	4	9	0	0	74	76	—	—	2.1	—	2.1	—
Khairpur	Padidan ...	000	0	0	18	03	96	03	0	028	97	2	4	6	0	0	52	00	000	0	1	13	03	96	03	1	///	76	0	0	9	0	0	71	72	—	—	2.2	—	2.2	—
	Nawabshah ...	000	0	0	13	03	96	02	0	038	95	0	0	9	0	0	61	98	000	0	2	13	05	96	03	0	058	77	2	0	9	3	0	73	70	—	—	0.7	—	0.7	4
	Sukkur ...	000	0	0	13	05	96	02	0	023	98	0	0	9	0	0	62	04	000	0	0	23	05	96	02	0	049	82	0	0	9	0	0	70	77	—	—	2.2	—	2.2	—
	Kashmore ...																																					—	—	0.0	4
	Jacobabad ...	000	0	0	18	03	97	02	0	030	99	0	0	9	0	0	62	00	000	0	0	09	03	96	02	0	043	81	0	0	9	0	0	67	76	−4	0	2.5	+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 * ...	000	0	0	23	02	98	00	0	461	70	0	0	9	0	0	56	75	000	0	0	31	02	98	00	0	456	63	0	0	9	0	0	54	56	+2	−3	40.9	+7.0	49.0	29
Malakand	Drosh * ...	000	0	3	23	10	97	06	1	445	85	3	2	7	0	0	29	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+10		—	—	10.3	—
Peshawar	Cherat * ...	000	0	0	17	07	96	00	0	473	82	0	0	9	0	0	53	84	000	0	0	18	07	98	00	0	470	72	0	0	9	0	0	51	66	0	+1	10.0	−1.5	17.6	—
	Kakul * ...	000	0	0	20	05	95	05	0	471	80	0	0	9	0	0	46	84	000	0	0	34	02	95	05	0	463	68	0	0	9	0	0	48	64	—	—	31.5	—	48.7	29
	Landikotal * ...	000	0	0	09	05	98	02	0	464	86	0	0	9	0	0	70	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	13.1	—	22.8	13
	Parachinar * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	02	0	475	66	0	0	9	0	0	34	58	—	0	8.9	—	16.5	11
D.I. Khan	Miranshah * ...	000	0	0	05	05	//	//	;	469	91	0	0	9	0	0	76	92	000	0	0	05	05	99	00	0	442	65	0	0	9	0	0	39	53	—	—	3.8	−0.5	5.4	13
	Wana * ...	000	0	0	13	04	98	00	0	401	86	0	0	9	0	0	67	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—
Quetta	Fort Sandeman * ...	000	0	0	31	02	97	02	0	448	87	0	0	9	0	0	47	89	000	0	0	27	02	98	02	0	///	67	0	0	9	0	0	29	64	−2	0	2.3	−2.6	3.6	9
	Hindubagh * ...	000	0	0	16	02	98	02	0	///	81	0	0	9	0	0	36	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	2.1	—
	Loralai * ...																																					—	—	—	14
	Barkhan * ...																																					—	—	1.1	9
	Harnai * ...	000	0	0	13	//	96	02	0	466	91	0	0	5	0	0	72	93	000	0	0	31	01	96	02	0	480	80	0	0	9	0	0	55	//	—	—	1.1	−6.2	1.1	8
	Samungli (Quetta) * ...	000	0	/	//	//	97	02	/	465	79	0	0	7	0	0	68	80	000	0	0	00	00	96	02	0	491	51	0	0	9	0	0	35	//	−5	—	0.6	−0.5	3.3	—
	Chaman * ...	000	0	0	07	03	98	00	0	509	82	0	0	9	0	0	39	84	000	0	0	27	03	97	03	0	493	69	0	0	9	0	0	25	60	−6	−1	0.0	−0.2	1.8	—
	Nushki * ...	000	0	0	27	03	97	02	0	497	88	0	0	9	0	0	37	90	000	0	0	00	00	97	02	0	499	79	0	0	9	0	0	48	//	—	—	0.0	—	1.1	4
	Dalbandin * ...	000	0	0	23	02	96	02	0	478	90	0	0	9	0	0	69	91	000	0	0	00	00	96	02	0	479	62	0	0	9	0	0	23	55	−8	−7	0.0	−0.3	0.7	7
Kalat	Kalat * ...	000	0	0	36	00	96	00	2	446	70	0	0	9	0	0	50	80	000	0	0	18	01	91	00	2	464	58	0	0	9	0	0	43	//	−4	—	0.0	−1.2	0.4	—
	Khuzdar * ...	000	0	0	13	03	97	03	0	443	87	1	1	7	0	0	39	88	000	0	0	00	00	97	02	0	457	69	0	0	9	0	0	29	63	—	—	1.6	—	1.5	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 ww=099 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 18th SEPTEMBER, 1971

WIRELESS REPORTS FROM SHIPS

99$L_aL_iL_a$	$Q_cL_oL_oL_oL_o$	YYGG$_{iw}$ N dd FF	VV $_w$ $_y$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	8$N_sCh_sh_s$	O1$_s$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

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	001 266 61	...	470 214 46	049 094 30	582 055 34	754 151 25	966 297 45	241 533 //	421 085 //	525 899 //	...	...	...
Dacca ...														
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	003 254 08	045 254 08	450 242 65	129 072 //	585 829 //	754 147 //	971 295 //	252 411 //	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	962 222 62	523 /// //	400 212 67	029 084 74	573 067 //	744 183 //	950 329 //	229 438 //	...	...	...	...	...
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	PcPcPcTcTcTac	dsdcfcfcfc	P$_1$P$_1$P$_1$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 ...	00 00	754 000 18	...		...	...	...	...	...	...	...	...	...
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...	00 00	164 571 //	580 000 //	900 244 60	...	...	...	...	...	...	...	...	...
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 ...	...	...	...	...	...	...	...	...	...	230 02	275 03	285 05	310 05	360 06	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	265 04	285 06	300 05	300 04	125 09	350 08	285 12	265 23	...	090 06	001 03	285 08	285 11	300 18	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	240 11	230 09	225 08	200 06	190 04	...	...	...	...	235 13	220 08	210 10	095 15	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	310 13	310 15	310 15	320 06	325 08	310 05	320 13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	335 10	340 09	360 12	350 20	330 17	...	...	...	...	340 11	340 13	360 12	010 10	030 05	055 05	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	300 12	270 12	280 09	28 06	2 0 08	260 14	2.0 12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	210 03	295 14	310 19	315 21	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	210 02	255 03	295 04	150 06	310 10	310 06	125 06	345 10	295 09	030 02	075 03	100 04	145 03	150 01	210 06	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	230 11	225 14	205 13	120 13	155 09	125 08	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	240 03	/// //	315 10	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Isburdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	215 17	230 09	/// //	255 03	305 05	045 07	205 12	215 11	215 11	210 10	200 09	230 05	015 05	285 07	265 08	...	...
Jiwani ...	290 05	295 07	295 08	315 07	325 10	290 10	...	...	...	...	...	...	...	...	...	295 04	290 03	340 02	340 02	180 02	...	...	...	...	...	...
Jacobabad ...	210 02	255 03	295 10	275 19	310 10	240 20	120 04	260 01	295 05	045 02	330 05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	160 17	140 15	140 10	045 04	045 12	/// //	335 14	/// //	195 07	080 06	330 07	300 09	250 04	200 04	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	205 12	240 08	260 05	270 03	...	...	...	...	...	210 15	300 17	315 12	325 10	310 07	235 21	280 05	265 05	280 04	330 08	350 09	230 08	235 17	205 11	235 14	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	260 16	260 15	260 14	210 14	240 11	185 16	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	315 05	230 12	355 19	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	315 04	295 04	305 05	300 08	315 10	335 05	330 03	195 02	195 05	265 08	260 08	275 09	265 11	300 13	345 12	...	...	...	...	...	...	...	...	...	...	...
Multan ...	195 21	205 17	205 16	220 14	225 13	305 10	040 08	050 12	205 13	...	...	...	...	...	...	185 10	205 14	215 22	210 26	205 23	235 05	320 03	035 09	070 18	240 18	...
Nawab Shah ...	100 09	070 04	075 06	085 07	010 11	335 10	260 16	265 11	215 10	No	Ascen.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Noshkundi ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	360 05	015 07	335 04	340 03	300 05	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	050 06	135 04	160 05	260 03	325 07	320 13	275 12	265 26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	305 05	310 03	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	315 09	245 05	185 06	275 10	250 13	190 02	190 08	210 10	280 09	345 18	105 09	195 06	240 08	240 10	245 12	210 04	355 05	015 08	240 13	260 15	...	...
Sargodha ...	220 05	220 04	220 03	290 03	310 05	260 12	320 10	265 15	260 20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	060 05	065 05	015 03	025 03	100 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 (Hiii Cdd V_r V_r etc.)

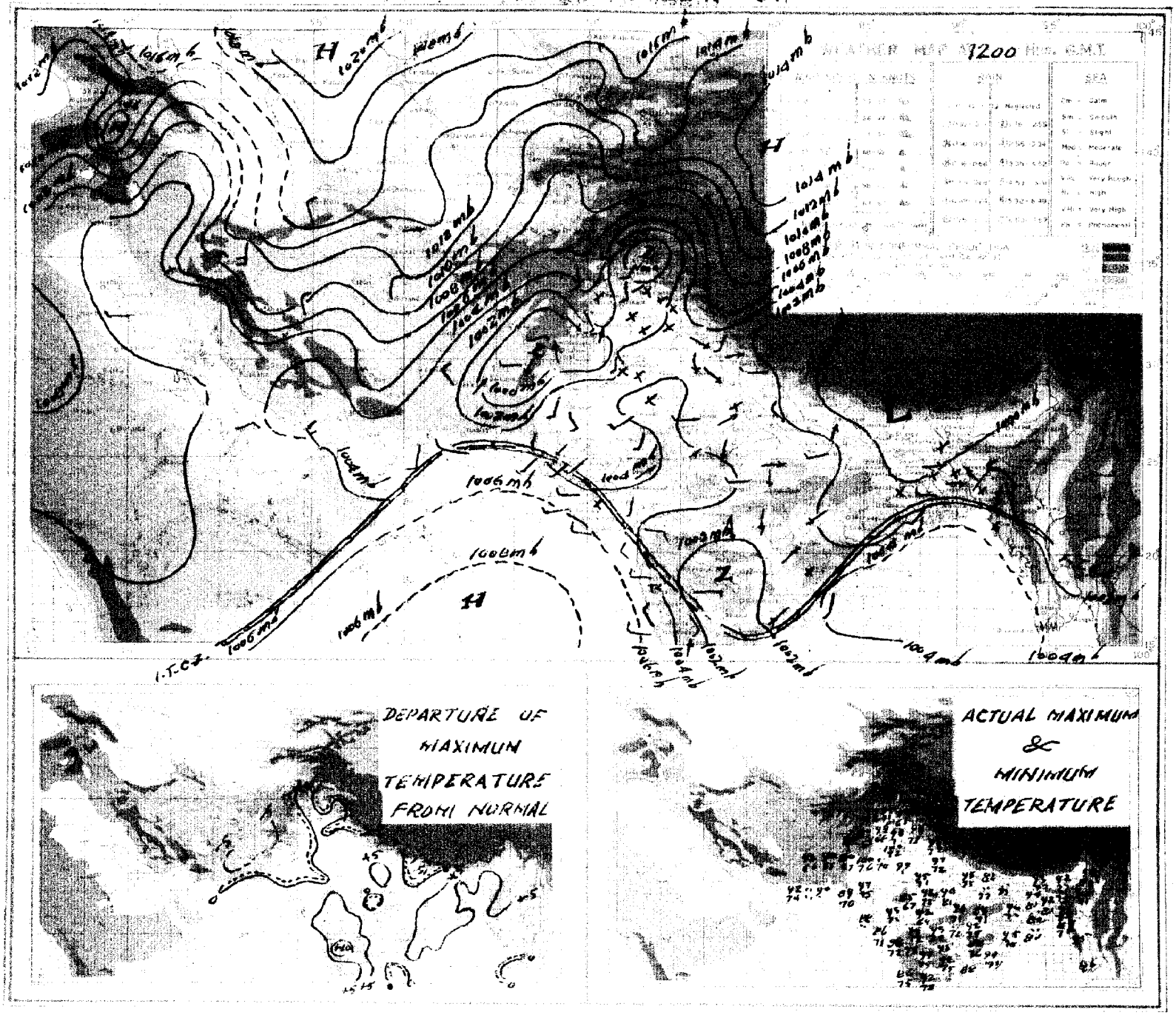
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
Ta—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperature

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.

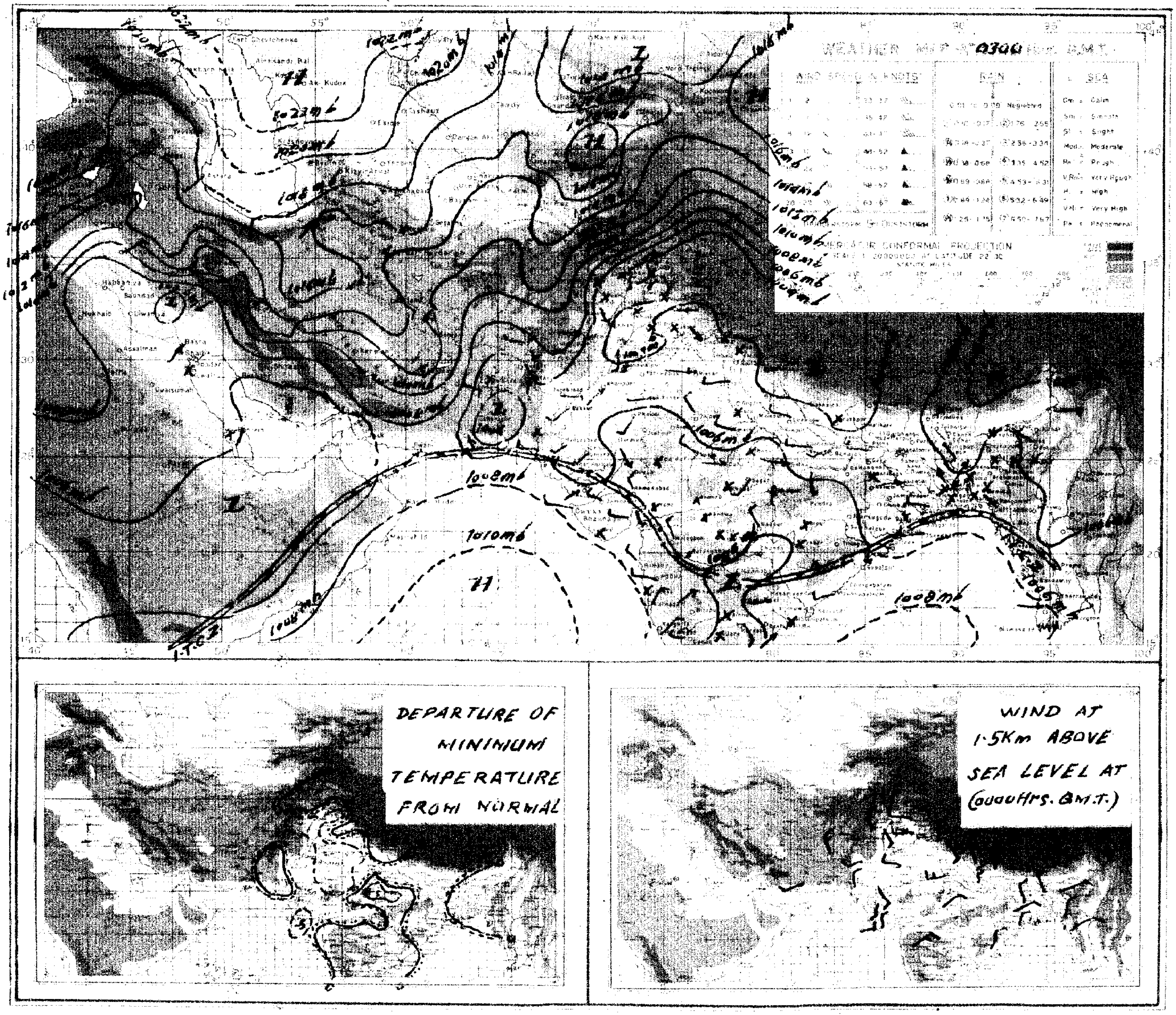
PAKISTAN DAILY WEATHER MAP

FRIDAY 17th SEPTEMBER, 1971



PAKISTAN DAILY WEATHER MAP

SATURDAY 18th SEPTEMBER, 1971



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Reg. No. S-1467
Volume No. 25

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 19th SEPTEMBER, 1971.

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

An easterly low pressure area has moved into east central and adjoining northeast Bay of Bengal.

The seasonal low has moved northeastwards and lies as a well marked low over Multan, Bahawalpur and D. I. Khan divisions with its trough extending over Khairpur, Hyderabad and Karachi divisions.

A westerly low pressure wave is moving across East Russian Turkistan with its associated trough over Kashmir.

Isolated thunderstorm/light rain has been reported from Chittagong and Khulna divisions. Weather has remained dry elsewhere over the country.

Day temperatures were generally 3–8 °F (2–4 °C) above normal in East Pakistan and in Sargodha and Malakand divisions and were to the same extent below normal in Quetta, northern Kalat and Khairpur divisions.

Forecast valid until the evening of the 20th September, 1971 :—Scattered rain/thundershowers are likely to occur over Chittagong and adjoining districts of Dacca and Khulna divisions. Weather will be mainly dry elsewhere over the country.

Karachi-32
The 19th Septembre, 1971.

OBSERVATIONS

M SHAHABUDDIN
for Director Meteorological Services.

DIVISIONS (1)	STATIONS (2)	At 12 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T of date																	Departure from Normal of		Rainfall			
		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)	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)	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 ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	004	2	2	36	02	98	01	4	058	84	1	4	7	3	1	75	81	—	—	64.4	—	—	—
	Cox's Bazar ...	000	0	8	00	00	96	02	9	023	86	5	5	4	4	0	81	90	000	0	6	00	00	96	02	3	049	86	3	3	4	3	0	81	81	+3	+5	107.3	+2.7		140
	Chittagong ...	000	0	7	27	03	96	02	2	022	88	2	9	5	3	1	81	90	000	0	6	05	02	96	02	3	046	86	1	1	5	3	1	77	81	+3	+4	171.2	47.9		108
	Maijdee Court ...	000	9	8	00	00	96	03	2	998	88	3	2	5	2	1	79	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+4		—	—	—	115
	Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	02	0	055	90	0	0	9	0	0	79	81	—	+4	28.0	−31.6		94
	Brahmanbaria ...																																								78
	Sylhet ...	000	0	4	27	02	96	02	1	005	88	2	1	6	0	0	79	94	000	0	6	05	05	97	02	2	048	84	0	0	9	0	1	79	79	—	—	82.5	—	—	—
	Srimangal ...	000	0	2	00	00	96	02	0	022	86	0	0	6	0	7	82	94	000	0	4	05	00	96	02	0	048	90	0	0	5	2	5	82	//	0		24.3	−31.2		98
Dacca	Mymensingh ...	000	0	3	00	00	97	01	1	015	86	3	5	6	0	0	91	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+6		—	—	—	91
	Narayanganj ...	000	0	6	00	00	96	01	1	017	94	5	3	5	1	1	82	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	//		—	—	—	74
	Dacca (Tejgaon) ...	000	0	3	36	02	97	02	0	014	88	0	0	9	0	1	77	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		—	—	—	—
	Faridpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	030	0	2	34	02	97	01	1	056	90	2	0	9	1	0	79	81	—	+3	26.7	−17.2		71
Khulna	Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	005	0	7	00	00	97	03	2	[illegible]	8[illegible]	3	5	4	5	[illegible]	81	81	—	+3	22.2	−23.6		81
	Khulna ...	000	0	4	00	00	97	02	0	012	94	0	0	9	0	0	94	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	68
	Satkhira ...																																					—	—		65
	Jessore ...	000	0	6	00	00	96	03	2	006	90	3	4	4	6	2	81	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+6		—	—		65
Rajshahi	Pabna ...	000	0	0	05	02	97	03	0	///	91	3	4	7	0	0	79	95	000	0	2	31	02	98	01	1	///	88	0	0	9	0	3	81	82	—	—	32.7	—	—	59
	Sirajganj ...																																						—	—	64
	Rajshahi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	02	96	02	0	044	88	0	0	9	0	0	82	82	—	—	20.0	—	—	—
	Bogra ...	000	0	6	00	00	96	01	2	010	90	5	8	4	3	0	79	94	000	0	4	31	03	97	01	2	051	88	1	5	9	3	7	79	81	+6	+3	39.6	−6.7	—	69
	Dinajpur ...	000	0	0	18	02	96	00	1	019	84	0	0	9	0	0	79	90	000	0	6	00	00	98	02	1	052	[illegible]8	6	0	9	1	0	81	81	+2	+3	—	—	—	72
	Rangpur ...	000	0	2	00	00	96	01	1	033	81	2	0	9	1	0	73	9[illegible]	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+3		—	—	—	84
Kashmir	Jammu ...																																								—
Lahore	Lahore (Jail Rd.) ...	000	0	0	23	02	97	02	0	019	95	0	0	9	0	0	58	97	000	0	0	00	03	97	02	0	049	81	0	0	9	0	0	58	71	−1	−2	11.5	−2.7	15.1	19
	Sialkot ...	000	0	0	00	00	98	02	0	020	95	0	0	9	0	0	64	96	000	0	0	00	00	98	02	0	055	76	0	0	9	0	0	70	69	+1	−5	23.4	+0.6	29.6	32
Rawalpindi	Jhelum ...	000	0	0	00	00	97	02	0	008	95	0	0	9	0	0	66	00	000	0	0	00	00	99	00	0	044	77	0	0	9	0	0	67	68	—	—				—
	Islamabad ...																																								—
	Rawalpindi ...	000	0	0	00	00	96	05	0	012	89	0	0	9	0	0	63	95	000	0	1	00	00	96	05	0	056	72	1	0	9	3	0	60	63	+1	−6	32.8	−10.0	40.5	96
	Campbellpur ...	000	0	2	09	07	98	00	0	///	90	0	0	9	0	0	90	93	000	0	0	18	03	97	00	0	///	79	0	0	9	0	0	99	69	—	—	8.9	—	9.4	—
Sargodha	Khushab ...	000	0	0	00	00	97	00	0	014	99	0	0	9	0	0	43	02	000	0	0	00	00	97	00	0	033	80	0	0	9	0	0	64	//	−3	—	13.2	+3.4	15.2	15
	Sargodha ...	000	0	0	23	02	97	02	0	014	96	0	0	9	0	0	63	00	000	0	0	00	00	96	04	0	045	78	0	0	9	0	0	62	66	—	—	9.5	—	12.1	—
	Lyallpur ...	000	0	0	00	00	97	00	0	012	91	0	0	9	0	0	57	99	000	0	0	00	00	97	00	0	048	77	0	0	9	0	0	65	70	+1	−4	7.5	−1.5	10.8	12
Multan	Sahiwal ...																																								10
	Multan ...	000	0	0	23	02	97	02	0	008	98	0	0	9	0	0	60	91	000	0	0	13	03	97	02	0	034	81	0	0	9	0	0	58	73	0	−4	4.9	+0.2	5.5	7
	Leiah ...	000	0	0	36	04	95	00	0	010	95	0	0	9	0	0	61	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—		8
Bahawalpur	Khanpur ...	000	0	0	23	02	96	02	0	016	99	0	0	9	0	0	56	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—		—	1.7	6
	Bahawalpur ...	000	0	0	00	00	96	00	0	036	96	0	0	9	0	0	61	02	000	0	0	00	00	96	00	0	065	79	0	0	9	3	0	59	76	—	—	0.0	−4.2	0.3	6
	Fort Abbas ...	000	0	0	00	00	98	00	0	///	99	0	0	9	0	0	94	//	000	0	0	00	00	98	00	0	057	84	0	0	9	0	0	73	80	—				—	8
Malakand	Chakdara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	06	05	97	02	0	047	67	0	0	9	0	0	55	62	—	—	10.3	—	20.4	—
Peshawar	Peshawar ...	000	0	0	06	03	96	05	0	006	92	0	0	9	0	0	60	95	000	0	0	00	00	96	05	0	045	75	0	0	9	0	0	62	70	0	−1	8.6	+4.5	17.1	11
	Haripur ...	000	0	0	23	02	97	00	0	023	86	0	0	9	0	0	57	90	000	0	0	36	02	97	00	0	046	77	0	0	9	0	0	58	66	—	—	22.5	—	30.3	—
D. I. Khan	Bannu ...	000	0	0	00	00	99	00	0	026	93	0	0	9	0	0	52	97	000	0	0	00	00	99	00	0	059	70	0	0	9	0	0	58	69	—	—	5.9	—	8.2	11
	D. I. Khan ...	000	0	0	13	02	97	02	0	012	97	0	0	9	0	0	59	99	000	0	0	00	00	97	02	0	045	75	0	0	9	0	0	63	69	−1	−6	2.6	−2.7	4.3	9
Quetta	Sibi ...																																								5
	Nokkundi ...	000	0	0	31	01	96	02	0	038	89	0	0	9	0	0	48	91	000	0	0	31	14	97	02	4	104	//	0	0	9	0	0	39	67	—	—	0.0	—	0.2	2
Kalat	Turbat ...	000	0	0	25	06	94	00	0	963	10	0	0	9	0	0	89	10	000	0	0	13	02	98	00	0	017	85	0	0	9	0	0	76	83	—	—	0.0	—	0.0	—
	Jiwani ...	000	0	0	23	16	97	02	0	044	88	0	0	9	0	0	20	92	000	0	1	31	03	96	02	0	075	76	0	0	9	0	0	73	72	—	—	0.0	—	1.5	5
	Pasni ...																																			—		—	—	0.0	6
	Ormara ...	000	0	0	27	16	96	02	0	025	88	0	0	9	0	0	76	89	000	0	0	00	00	96	02	0	051	76	0	0	9	0	0	63	//	—	—	0.8	0.0	0.8	6
	Lasbela ...	000	0	0	09	02	98	00	0	011	04	0	0	9	0	0	53	06	000	0	0	00	00	98	00	0	062	73	0	0	9	0	0	68	71	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora) ...																																					—	—	—	8
	Karachi (Airport) ...	000	0	0	23	09	96	02	0	032	84	0	0	9	0	0	75	90	000	0	8	27	05	96	03	1	060	79	3	6	5	0	0	74	75	—	—	2.6	−5.4	2.8	—
Hyderabad	Nagarparker ...																																					—	—	0.0	—
	Chhor ...																		000	0	0	23	03	96	02	0	054	76	0	0	9	0	0	//	73	—	—	4.5	—	4.5	7
	Hyderabad ...	000	0	2	23	03	97	03	0	027	97	2	5	6	0	0	54	99	000	0	0	00	00	97	02	0	051	80	0	0	9	0	0	63	75	+2	−1	1.9	−4.0	2.6	9
	Badin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	23	02	96	03	1	059	77	6	6	5	0	0	73	76	—	—	2.1	−5.1	2.1	—
Khairpur	Padidan ...	000	0	1	27	02	96	01	0	022	97	1	1	6	0	0	51	01	000	0	0	18	02	96	02	0	043	79	0	0	9	0	0	69	64	—	—	2.2	—	2.2	—
	Nawabshah ...	000	0	0	12	05	96	02	0	021	96	0	0	9	0	0	66	99	000	0	0	13	02	96	02	0	057	//	0	0	9	0	0	72	//	—	—	0.7	—	0.7	4
	Sukkur ...	000	0	0	00	00	96	02	0	018	02	0	0	9	0	0	62	03	000	0	0	23	35	96	02	0	045	64	0	0	9	0	0	65	78	—	—	1.8	—	2.2	—
	Kashmore ...	000	0	0	23	02	98	02	0	030	01	0	0	9	0	0	65	02	000	0	0	18	02	98	02	0	070	81	0	0	9	0	0	69	74	—	—	0.0	—	0.0	4
	Jacobabad ...	000	0	0	18	03	97	02	0	019	99	0	0	9	0	0	65	01	000	0	0	36	03	97	02	0	065	82	0	0	9	0	0	64	75	−3	−1	2.5	+0.3	2.6	20
Junagadh	Veraval ...																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar * ...																																								71
	Gulmarg ** ...																																								24
	Sonamarg ** ...																																								3
	Dras ** ...																																								6
	Leh ** ...																																								—
	Skardu * ...																																								—
	Misgar ** ...																																								5
	Aliabad * ...																																								89
	Gilgit * ...																																								18
Rawalpindi	Murree * ...	000	0	0	23	02	98	00	0	453	71	0	0	9	0	0	47	74	000	0	0	31	02	98	00	0	464	63	0	0	9	0	0	39	56	+1	−3	40.9	+6.8	49.0	29
Malakand	Drosh * ...	000	0	0	00	00	93	06	0	475	//	0	0	9	0	0	40	//	000	0	0	00	00	98	02	0	482	66	0	0	9	0	0	33	60	//	−4	1.7	—	10.3	—
Peshawar	Cherat * ...	000	0	0	18	06	96	00	0	470	83	0	0	9	0	0	46	84	000	0	0	18	03	98	00	0	404	57	0	0	9	0	0	47	66	0	+1	10.0	−1.5	17.6	—
	Kakul * ...	000	0	0	23	03	94	05	0	466	80	0	0	9	0	0	45	85	000	0	3	20	02	95	05	0	476	81	2	2	6	3	0	51	64	—	—	31.5	—	48.6	29
	Landikotal * ...	000	0	0	09	05	98	02	0	454	86	0	0	9	0	0	83	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	22.8	13
	Parachinar * ...	000	0	1	16	05	97	02	0	459	79	1	1	6	0	0	31	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+2		—	—	16.5	11
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	454	90	0	0	9	0	0	90	91	000	0	0	05	05	99	00	0	452	72	0	0	9	0	0	61	70	—	—	3.8	−0.5	5.4	13
	Wana * ...	000	0	0	13	04	98	00	0	401	86	0	0	9	0	0	67	98	000	0	0	00	00	93	00	0	463	7[illegible]	0	0	9	0	0	54	57	—	—	—	—	—	—
Quetta	Fort Sandeman * ...	000	0	0	23	02	97	02	0	444	87	0	0	9	0	0	54	86	000	0	0	23	02	96	02	0	471	70	0	0	9	0	0	44	44	−3	0	2.3	−2.7	2.6	9
	Hindubagh * ...	000	0	0	20	13	98	02	0	///	79	0	0	9	0	0	40	84	000	0	0	25	05	98	02	0	///	63	0	0	5	0	0	13	//	—	—	0.4	—	2.1	—
	Loralai * ...																																					—	—		14
	Barkhan * ...																																							1.1	9
	Harnai * ...	000	0	0	13	01	96	02	0	457	91	0	0	9	0	0	59	93	000	0	0	31	01	96	02	0	466	70	0	0	9	0	0	48	66	—	—	1.1	−6.2	1.1	8
	Samungli (Quetta) * ...	000	0	0	31	14	98	02	0	464	78	0	0	9	0	0	87	81	000	0	0	00	00	96	05	0	496	51	0	0	9	0	0	68	41	−4	−12	0.6	−0.5	3.3	—
	Chaman * ...	000	0	0	00	00	98	00	0	514	84	0	0	9	0	0	52	85	000	0	0	00	00	98	00	0	507	65	0	0	9	0	0	25	58	−5	−3	0.0	−0.2	1.0	—
	Nushki * ...	000	0	0	27	05	97	02	0	517	87	0	0	9	0	0	34	88	000	0	0	07	03	97	02	0	529	70	0	0	9	0	0	23	62	—	—	0.0	—	1.1	4
	Dalbandin * ...	000	0	0	23	03	97	02	0	486	89	0	0	9	0	0	14	91	000	0	0	00	00	96	02	0	474	61	0	0	9	0	0	30	55	−8	−7	0.0	−0.3	0.7	7
Kalat	Kalat * ...	000	0	0	31	10	99	00	2	433	72	0	0	9	0	0	43	80	000	0	0	18	05	91	00	2	473	60	0	0	9	0	0	33	//	−4	—	0.0	−1.2	0.4	—
	Khuzdar * ...	000	0	0	12	05	97	02	0	439	83	0	0	9	0	0	37	89	000	0	0	31	02	97	02	0	458	67	0	0	9	0	0	33	63	—	—	1.6	—	1.9	5
	Panjgur * ...	000	0	0	31	07	96	05	0	463	57	0	0	9	0	0	71	90	000	0	0	00	00	97	02	0	494	66	0	0	9	0	0	49	62	−5	−4	0.1	—	0.2	—

† 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 0300 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 19th SEPTEMBER, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99L$_a$L$_o$L$_o$	Q$_c$L$_a$L$_o$L$_o$L$_o$	YYGG$_{iw}$	N dd FF	VV $_w$ $_w$ W	PPP TT	N$_h$C$_L$h$_s$C$_M$C$_H$	D$_s$V$_s$a PP	7RR t$_R$t$_R$	8N$_s$Ch$_s$h$_s$	O1$_s$T$_s$T$_s$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														
Nachimaru	99 1 82	10 6 57	18 1 24	33 4 07	97 0 20	07 0 27	32 4 03	23 7 10			0/ / 23	12 7 05	30 4 02	...

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 ...														
Dacca ...														
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	003 282 12	...	430 190 //	083 084 44	579 059 42	750 157 //	963 281 //	240 503 //	422 645 //	660 803 //	...	...	...
Multan ...														
Peshawar ...	00 00	002 260 26	...	500 235 //	128 114 //	509 841 //	762 141 //	975 281 //	254 433 //	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	962 216 27	...	390 214 69	082 104 //	578 083 //	748 171 //	959 275 //	241 479 //	427 573 //	...	...	...	...

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$_t$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.—>	As 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	As 0000 hrs. G.M.T. † of date (dddff) 0.3	0.6	0.9	1.5	2.1	3.0	As 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 ...	...	260 03	265 03	250 02	185 07	110 13	250 03	245 31	240 23	360 12	360 12	335 07	005 06	335 09	170 03	050 06	005 07	315 07	335 06	...	...	...	...	...	...	...
Chhor ...	245 07	235 06	230 08	205 03	...	...	...	...	...	...	080 03	185 06	140 05	330 06	260 10	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	330 10	330 11	005 11	360 12	...	...	...	...	...	235 15	230 10	215 08	160 11	115 09	055 10	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	/// //	/// //	035 05	050 06	060 06	075 07	...	...	...	...	...
Cox's Bazar ...	330 11	335 10	340 14	020 16	020 13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	...	...	...	...	...	...	...	...	...	350 09	360 09	/// //	050 06	090 04	...	245 08	245 02	255 02	235 02	100 02	150 02	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	350 06	350 06	355 06	/// //	055 04	...	345 06	350 06	355 07	020 08	100 10	120 10	085 07	710 09	195 12	...	...
D. I. Khan ...	155 10	330 04	325 07	...	...	...	...	...	...	...	...	290 06	315 11	330 17	355 22	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	240 01	235 16	210 13	120 12	...	...	095 04	095 05	105 05	165 06	110 10	115 03	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Islurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	195 08	235 04	230 08	285 07	300 08	015 08	285 07	275 13	240 16	210 13	220 07	220 04	325 05	240 08	220 04	225 08	220 09	220 07	030 01	270 03	005 10	240 14	240 23	235 22	...	...
Jacobabad ...	020 03	335 02	305 02	350 08	300 05	345 06	...	...	...	...	...	...	...	...	...	035 08	045 08	020 07	010 05	...	...	...	...	...	...	...
Jiwani ...	230 02	250 03	260 04	265 07	230 15	130 08	225 07	245 15	245 20	025 02	295 08	275 06	315 09	280 05	275 11	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	...	...	...	...	...	...	...	...	...	330 06	025 05	095 04	050 09	100 06	330 09	030 15	040 19	040 15	030 06	300 15	340 10	270 10	260 15	255 12	...	...
Khanpur ...	180 06	260 01	305 02	275 06	345 09	330 23	275 06	250 08	245 08	...	...	...	...	...	...	265 04	290 03	320 03	125 01	300 03	290 06	360 06	035 04	045 04	...	...
Khuzdar ...	230 06	240 09	245 10	250 13	255 12	280 07	285 05	010 05	260 18	240 18	270 11	210 17	220 16	245 10	120 07	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	...	...	...	...	...	...	...	...	...	...	...	...	305 13	290 08	315 13	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	245 07	230 08	265 03	310 08	315 12	315 10	130 08	140 12	240 09	290 05	259 06	255 06	270 04	295 04	045 12	245 02	235 04	235 06	200 04	080 51	120 09	230 16	240 21	245 27	...	...
Multan ...	210 05	220 09	220 10	225 09	230 05	330 04	080 07	255 12	235 20	225 14	220 15	220 14	200 13	190 09	025 10	315 09	210 13	210 13	305 08	205 52	015 02	350 16	245 23	245 27	...	...
Nawab Shah ...	110 07	105 06	085 05	045 04	025 10	285 11	240 14	245 13	235 15	210 08	195 09	145 07	065 07	050 09	330 05	...	...	...	...	...	...	...	...	...	...	...
Nokkundi ...	...	...	325 12	335 05	325 05	310 09	290 14	300 08	250 28	No	Ascen.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	065 10	110 07	165 10	175 03	260 12	355 03	245 26	245 21	...	310 03	063 02	305 01	065 02	105 04	...	015 04	105 01	190 06	160 06	095 09	045 05	250 7	235 15	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	050 01	115 02	300 04	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	275 10	320 07	185 04	245 22	245 28	...	...	...	...	245 04	255 08	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	200 05	205 04	200 03	170 01	015 08	315 08	260 10	235 17	240 21	210 02	210 07	210 07	155 05	080 05	045 06	025 01	165 03	155 02	140 02	060 03	310 09	275 17	235 24	235 28	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	060 05	085 01	105 05	080 12	085 11	075 10	110 03	065 03	065 06	095 16	090 13	...	...	...	...	...	...
Varsoal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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 ...	270 14	275 12	275 14	275 14	260 09	060 06	065 16	245 20	220 21	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

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

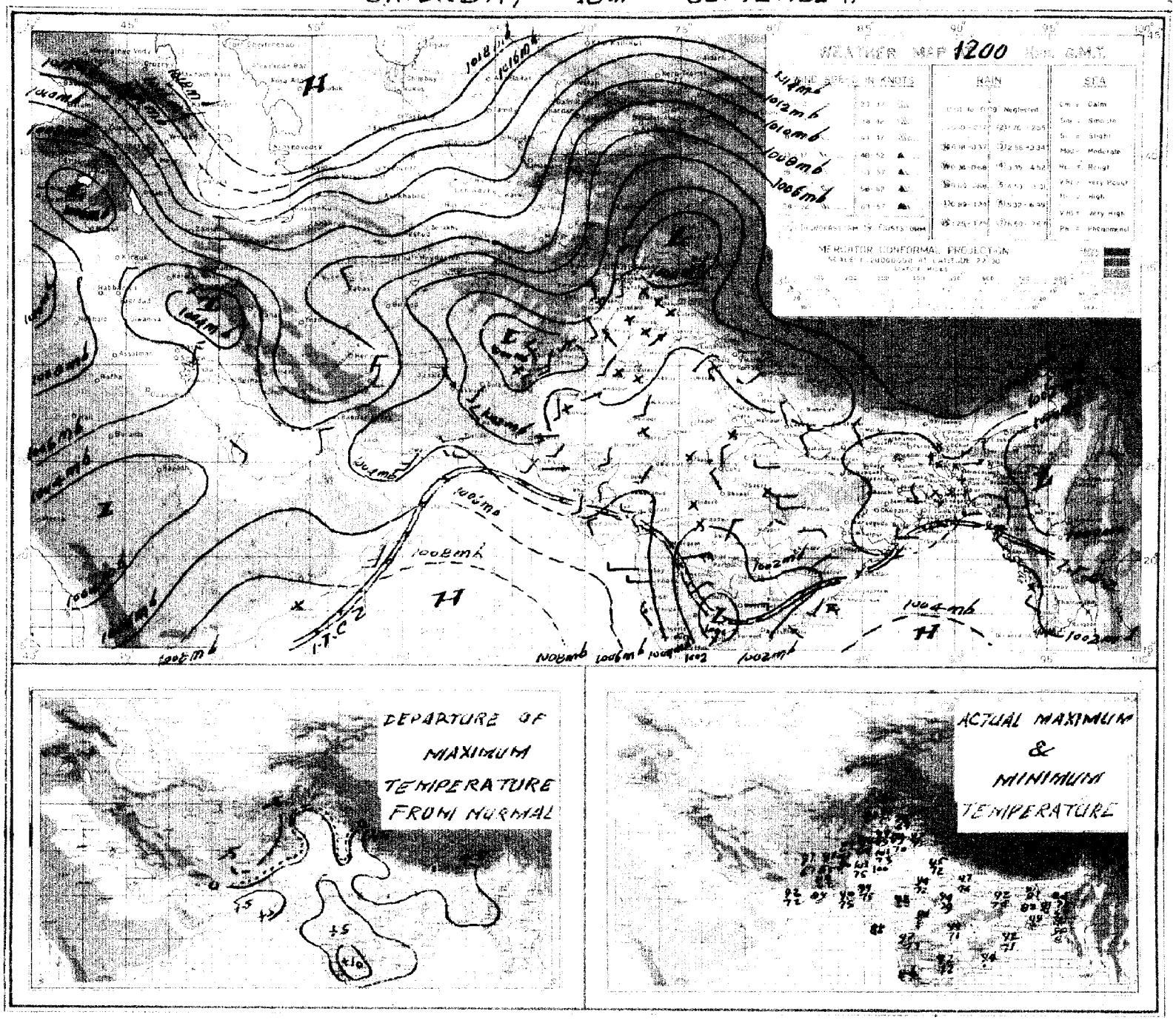
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperature in °C.
T—Approximate comb value in (0.°C) even values indicate positive and odd values indicate negative temperatures

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.

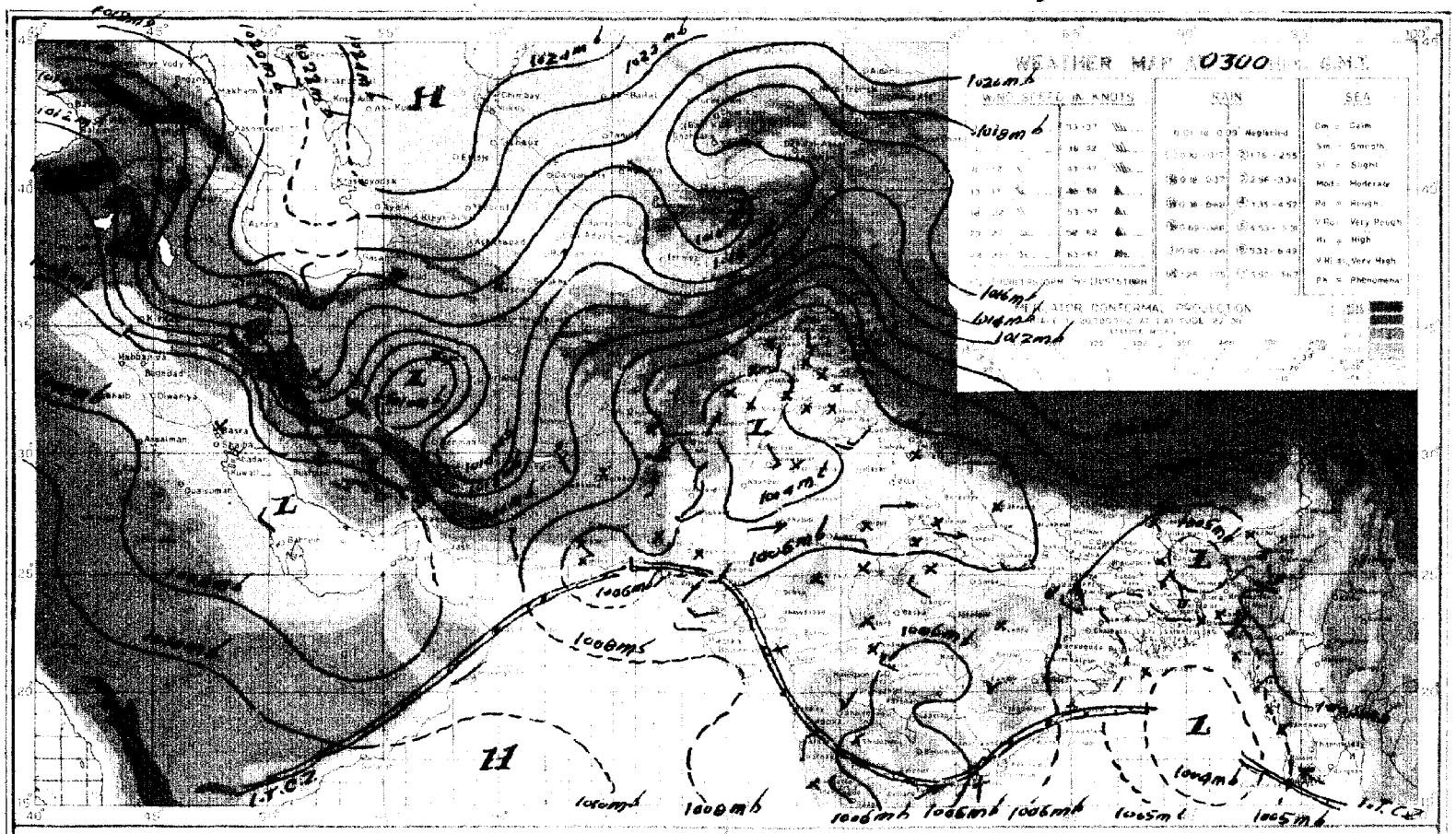
PAKISTAN DAILY WEATHER MAP

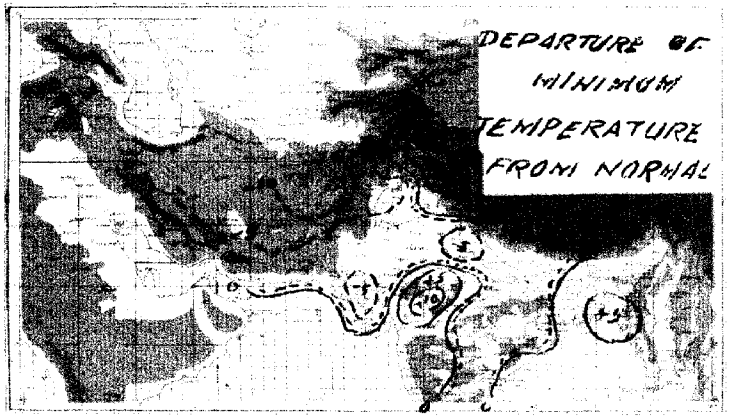
SATURDAY 18th SEPTEMBER, 1971.

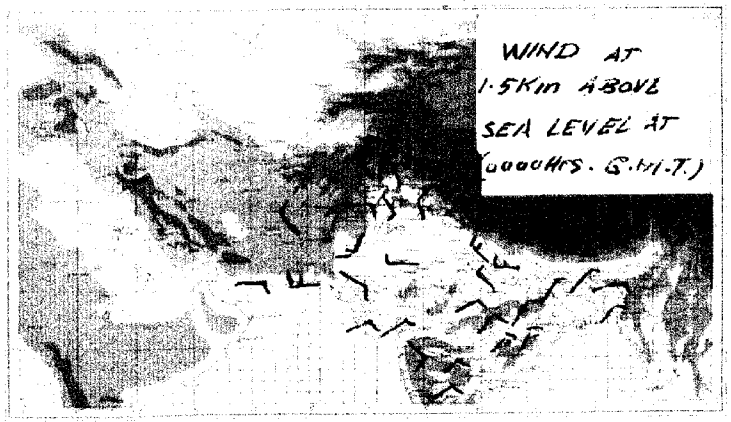


PAKISTAN DAILY WEATHER MAP

SUNDAY 19th SEPTEMBER, 1971







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

MONDAY THE 20th SEPTEMBER, 1971.

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

Data from West Bengal, Orissa and Burma coast lacking but believe yesterday's low pressure area over east central Bay of Bengal and adjoining areas persists and is well marked.

Yesterday's trough over Khairpur, Karachi and Hyderabad divisions has slightly shifted westwards and now lies over Kalat and Karachi divisions.

The westerly low pressure wave is slowly moving across East Russian Turkistan with its associated trough over Kashmir and adjoining areas of West Pakistan.

Scattered rain/thundershowers have occured in Chittagong division where Chittagong has recorded ½" of rainfall. Isolated thunderstorms have also been reported from Khulna division. Weather remained dry elsewhere over the country.

Day temperatures were generally 3—8 °F (2—4 °C) above normal in Chittagong, Dacca, Khulna, Rajshahi, Lahore and Hyderabad divisions and were 2—3 °F (2 °C) below normal in Khairpur division and 9—11 °F (5—6 °C) so in Quetta and northern Kalat divisions.

Forecast valid until the evening of the 21st September, 1971 :—Scattered rain/thundershowers likely in Chittagong, Khulna and adjoining Dacca divisions. Mainly dry weather likely to prevail elsewhere over the country.

Karachi-32
The 20th Septembre, 1971.

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

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 Clud † 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 ...	000	0	7	25	06	95	02	2	017	83	5	3	4	3	0	79	90
	Chittagong ...	052	4	7	13	02	96	09	1	047	80	4	4	4	2	0	80	94
	Maijdee Court ...	000	0	5	00	00	97	03	0	989	91	2	2	5	2	2	75	94
	Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria ...																	
	Sylhet ...	000	0	4	00	00	96	02	1	000	92	1	9	6	3	2	82	95
	Srimangal ...	000	0	4	00	00	96	02	0	006	87	0	0	5	5	2	85	94
Dacca	Mymensingh ...	000	0	3	00	00	97	01	1	013	86	3	0	7	1	0	80	95
	Narayanganj ...	000	0	3	00	00	96	01	1	014	92	2	1	9	1	1	79	99
	Dacca (Tejgaon) ...	000	0	3	00	00	97	01	0	005	92	0	0	9	0	1	75	93
	Faridpur ...	000	0	1	00	00	96	00	0	007	92	1	4	6	0	0	80	92
Khulna	Barisal ...	000	0	7	00	00	97	17	0	007	86	5	3	4	2	0	80	92
	Khulna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira ...																	
	Jessore ...	000	0	7	00	00	56	03	0	098	89	2	4	0	0	7	75	//
Rajshahi	Pabna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajshahi ...	000	0	2	05	02	96	02	0	005	92	2	4	9	0	0	75	97
	Bogra ...	000	0	0	36	02	96	03	2	002	90	5	5	4	0	0	79	94
	Dinajpur ...	000	0	0	00	03	96	00	0	005	92	0	0	9	0	0	80	94
	Rangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	00	00	97	02	0	029	97	0	0	9	0	0	59	00
	Sialkot ...	000	0	0	00	00	98	02	0	023	95	0	0	9	0	0	56	98
Rawalpindi	Jhelum ...	000	0	0	00	00	97	02	0	012	96	0	0	9	0	0	67	00
	Islamabad ...																	
	Rawalpindi ...	000	0	0	00	00	97	02	0	011	91	0	0	9	0	0	53	95
	Campbellpur ...																	
Sargodha	Khushab ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sargodha ...	000	0	0	09	03	97	02	0	016	//	0	0	9	0	0	59	//
	Lyallpur ...	000	0	0	00	00	97	00	0	010	92	0	0	9	0	0	57	00
Multan	Sahiwal ...																	
	Multan ...	000	0	0	23	02	97	02	0	011	99	0	0	9	0	0	55	90
	Leiah ...	000	0	0	36	04	95	00	0	008	95	0	0	9	0	0	71	95
Bahawalpur	Khanpur ...	000	0	2	00	00	96	02	0	012	02	0	0	9	0	0	55	03
	Bahawalpur ...	000	0	0	00	00	96	00	0	026	97	0	0	9	0	0	56	01
	Fort Abbas ...	000	0	0	00	00	98	00	0	024	55	0	0	9	0	0	81	98
Malakand	Chakdara ...	000	0	7	31	02	97	08	9	118	00	5	0	9	0	2	//	95
Peshawar	Peshawar ...	000	0	1	00	00	96	05	0	006	92	/	/	5	0	0	60	95
	Haripur ...	000	0	0	13	02	97	00	0	020	85	0	0	9	0	0	58	91
D.I. Khan	Bannu ...	000	0	0	00	00	99	00	0	030	93	0	0	9	0	0	57	96
	D. I. Khan ...	000	0	0	00	00	97	02	0	020	96	0	0	9	0	0	52	98
Quetta	Sibi ...																	
	Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kalat	*Turbat* ...	000	0	0	28	06	94	00	0	963	//	0	0	9	0	0	89	//
	Jiwani ...	000	0	0	18	14	96	02	0	040	90	0	0	9	0	0	63	//
	Pasni ...																	
	Ormara ...	000	0	0	27	10	96	02	0	013	95	0	0	9	0	0	47	98
	Lasbela ...	000	0	0	13	02	98	00	0	017	05	0	0	9	0	0	65	06
Karachi division	Karachi (Manora) ...																	
	Karachi (Airport) ...	000	0	0	23	07	97	02	0	025	87	0	0	9	0	0	71	90
Hyderabad	Nagarparker ...																	
	Chhor ...	000	0	1	23	02	96	01	0	021	96	/	/	6	0	0	61	97
	Hyderabad ...	000	0	1	18	03	97	03	0	019	97	1	5	6	0	0	64	00
	Badin ...	000	0	0	23	03	96	02	1	029	96	0	0	9	0	0	69	97
Khairpur	Padidan ...	000	0	2	18	03	96	02	0	022	01	2	4	6	0	0	49	03
	Nawabshah ...	000	0	1	13	03	96	01	0	025	98	/	/	9	0	0	68	01
	Sukkur ...	000	0	0	31	05	96	02	0	014	99	0	0	9	0	0	62	03
	Kashmore ...																	
	Jacobabad ...	000	0	1	18	03	97	02	0	014	00	1	1	6	0	0	63	01
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malakand	Drosh * ...	000	0	7	23	07	96	02	1	446	82	5	8	7	7	0	83	90
Peshawar	Cherat * ...	000	0	0	18	07	98	00	0	469	83	0	0	9	0	0	52	84
	Kakul ** ...	000	0	1	23	05	95	05	0	466	97	1	2	6	0	0	44	84
	Landikotal ** ...	000	0	0	18	05	98	02	0	464	86	0	0	9	0	0	83	90
	Parachinar ** ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Miranshah * ...	000	0	4	05	05	97	00	1	465	92	4	0	9	0	1	72	93
	Wana * ...	000	0	0	13	04	98	00	0	401	86	0	0	9	0	0	67	89
Quetta	Fort Sandeman * ...	000	0	0	00	00	97	02	0	445	85	0	0	9	0	0	33	//
	Hindubagh * ...	000	0	0	25	09	98	02	0	///	79	0	0	9	0	0	04	83
	Loralai * ...																	
	Barkhan * ...																	
	Harnai * ...	000	0	0	13	01	96	02	0	457	91	0	0	9	0	0	60	93
	Samungli (Quetta) * ...	000	0	0	31	05	97	02	0	462	78	0	0	9	0	0	37	79
	Chaman * ...	000	0	0	00	00	98	00	0	508	80	0	0	9	0	0	34	81
	Nushki * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dalbandin * ...	000	0	0	23	03	96	02	0	479	87	0	0	9	0	0	//	89
Kalat	Kalat * ...	000	0	0	31	02	91	00	2	442	72	0	0	9	0	0	73	80
	Khuzdar * ...	000	0	0	27	03	97	02	0	489	78	0	0	9	0	0	31	78
	Panjgur * ...	000	0	0	36	02	96	02	0	472	83	0	0	9	0	0	60	81

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 ...																							—
	Cox's Bazar ...	000	0	7	00	00	96	03	2	060	83	4	4	5	0	0	75	79	+ 3	+ 3	107.3	+23.0	—	140
	Chittagong ...	052	0	5	26	05	96	01	9	059	85	3	4	5	9	0	78	78	— 7	+ 1	171.7	+48.1	—	108
	Maijdee Court ...	000	9	6	18	02	97	02	0	049	87	4	2	5	2	0	86	80	+ 7	+ 8	20.0	—12.2	—	115
	Comilla ...	065	9	0	00	00	96	02	0	053	86	0	0	9	0	0	80	78	—	+ 1	28.6	—32.0	—	94
	Brahmanbaria ...																							78
	Sylhet ...	000	0	6	10	05	97	02	2	041	//	2	6	5	0	7	//	//			82.4	—	—	—
	Srimangal ...	009	1	2	09	00	96	01	9	058	87	0	0	5	0	2	77	75	+ 3	0	24.3	—31.5	—	98
Dacca	Mymensingh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 7	—	56.0	—	—	91
	Narayanganj ...	000	0	5	13	02	97	02	2	054	90	4	2	3	1	1	79	84	+ 11	+ 5	46.1	+ 0.3	—	74
	Dacca (Tejgaon) ...	000	0	6	00	00	97	01	2	046	88	5	8	4	3	1	80	81			60.5	—	—	—
	Faridpur ...	000	0	6	20	02	97	17	2	061	87	/	/	/	/	/	80	82	+ 5	+ 4	27.0	—17.6	—	71
Khulna	Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4	—	47.1	— 7.1	—	81
	Khulna ...	000	0	0	00	00	97	01	0	042	91	0	4	5	0	0	78	83			29.2	—23.9	—	68
	Satkhira ...	000	0	4	18	04	97	03	9	050	96	4	7	9	2		80	80			65.0	+22.0	—	65
	Jessore ...	000	0	7	10	03	96	03	2	049	85	5	5	4	0	7	81	82	—	+ 4	59.4	+19.3	—	65
Rajshahi	Pabna ...	000	0	4	23	02	97	03	2	///	91	4	0	9	6	0	80	85			32.7	—	—	59
	Sirajganj ...	000	0	0	00	00	98	03	2	055	84	2	7	9	0	3	//	81	—	+ 3	16.1	—26.4	—	64
	Rajshahi ...	000	0	4	05	02	96	02	0	044	90	4	4	5	0	0	83	82	—		70.0	—	—	—
	Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6	—	39.6	— 7.1	—	69
	Dinajpur ...	000	0	0	00	00	96	00	0	050	82	0	0	9	0	0	79	81	+ 6	+ 3				72
	Rangpur ...	000	0	1	13	02	96	02	0	068	88	1	0	7	1	0	80	77	—	0	40.2	—17.5	—	84
Kashmir	Jammu ...																							—
Lahore	Lahore (Jail Rd.) ...	000	0	0	00	00	96	05	0	053	81	0	0	9	0	0	60	71	+ 2	— 2	11.5	— 0.3	15.1	19
	Sialkot ...	000	0	0	00	00	98	02	0	063	75	0	0	9	0	0	68	67	+ 3	— 7	23.4	+ 0.5	29.6	32
Rawalpindi	Jhelum ...	000	0	0	00	00	96	05	0	053	79	0	0	9	0	0	63	66			20.0	—	24.7	—
	Islamabad ...																							—
	Rawalpindi ...	000	0	0	00	00	96	04	0	062	70	0	0	9	0	0	59	61	+ 1	— 8	32.8	+ 9.9	40.5	36
	Campbellpur ...																							—
Sargodha	Khushab ...	000	0	0	00	00	98	00	0	048	83	0	0	9	0	0	76	//	—	—	13.2	— 3.3	15.2	15
	Sargodha ...	000	0	0	09	03	56	04	0	053	77	0	0	9	0	0	66	67			9.4	—	12.1	—
	Lyallpur ...	000	0	0	00	00	97	00	0	051	74	0	0	9	0	0	64	69	+ 2	— 5	7.5	— 1.6	10.8	12
Multan	Sahiwal ...																							10
	Multan ...	000	0	0	13	02	96	05	0	046	84	0	0	9	0	0	55	71	— 1	— 6	5.0	+ 0.2	5.5	7
	Leiah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
Bahawalpur	Khanpur ...	000	0	0	00	00	96	02	0	049	82	0	0	9	0	0	62	70			1.1	— 3.8	1.7	6
	Bahawalpur ...	000	0	0	00	00	96	00	0	071	83	0	0	9	0	0	61	72			0.0	— 4.2	0.3	6
	Fort Abbas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
Malakand	Chakdara ...	000	0	0	05	07	97	02	0	055	67	0	0	9	0	0	55	62			13.1	—	20.8	8
Peshawar	Peshawar ...	000	0	0	00	00	97	02	0	056	74	0	0	9	0	0	59	//	0	—	8.6	+ 4.4	17.1	11
	Haripur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			22.5	—	30.3	—
D.I. Khan	Bannu ...	000	0	0	00	00	99	00	0	078	72	0	0	9	0	0	57	69			6.0	—	[illegible]	11
	D. I. Khan ...	000	0	0	00	02	97	02	0	053	75	0	0	9	0	0	63	68	— 2	— 7	2.6	— 2.7	4.3	9
Quetta	Sibi ...																							5
	Nokkundi ...	000	0	0	31	24	96	02	4	101	71	0	0	9	0	0	37	66			0.0	—	0.2	2
Kalat	*Turbat* ...	000	0	0	31	02	98	00	0	070	88	8	0		9	5	//	83			0.0	—	0.9	—
	Jiwani ...	000	0	0	36	05	96	02	0	065	74	0	0	9	0	0	62	74			0.0	—	1.5	5
	Pasni ...																							6
	Ormara ...	000	0	0	00	00	96	00	1	///	79	0	0	9	0	0	67	61			0.8	0.0	0.8	6
	Lasbela ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	—	0.0	8
Karachi division	Karachi (Manora) ...																							8
	Karachi (Airport) ...	000	0	0	00	00	96	02	4	052	77	0	0	9	0	0	74	73	+ 1	— 4	7.6	— 5.4	2.8	—
Hyderabad	Nagarparker ...																							—
	Chhor ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.0	—	—	7
	Hyderabad ...	000	0	0	18	02	97	02	0	051	61	2	6	9	0	0	75	77	+ 3	+ 1	1.9	— 4.0	2.6	9
	Badin ...	000	0	2	23	03	96	01	0	///	//	0	0	5	0	0	74	77			2.1	— 5.1	2.0	—
Khairpur	Padidan ...	000	0	0	00	00	96	02	0	044	81	0	0	9	0	0	71	74			2.2	—	2.2	—
	Nawabshah ...	000	0	0	13	02	96	02	0	050	81	0	0	9	0	0	71	73			0.7	—	0.7	4
	Sukkur ...	000	0	0	13	02	96	02	0	074	86	0	0	9	0	0	69	78			1.8	—	2.2	—
	Kashmore ...																							4
	Jacobabad ...	000	0	0	00	00	97	02	0	047	83	0	0	9	0	0	66	77	— 3	+ 1	2.5	+ 0.3	2.6	20
Junagadh	Veraval ...																							26
	HILL STATIONS																							—
Kashmir	Srinagar * ...																							71
	Gulmarg ** ...																							26
	Sonamarg ** ...																							3
	Dras ** ...																							6
	Leh ** ...																							—
	Skardu * ...																							—
	Misgar ** ...																							3
	Aliabad * ...																							39
	Gilgit * ...																							18
Rawalpindi	Murree * ...	000	0	0	05	02	98	00	1	///	64	0	0	9	0	0	42	56	—	— 3	41.0	+ 7.0	49.0	29
Malakand	Drosh * ...	000	0	0	05	02	98	01	0	495	65	0	0	9	0	0	39	64	+ 2	0	1.7	—	10.3	—
Peshawar	Cherat * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—	10.0	— 1.6	17.6	—
	Kakul ** ...	000	0	4	34	05	95	05	1	481	71	2	2	5	3	0	52	65	—		31.5	—	48.6	29
	Landikotal ** ...	000	0	0	36	02	98	02	0	476	75	0	0	9	0	0	64	61						13
	Parachinar ** ...	000	0	0	00	00	98	02	0	489	63	0	0	9	0	0	38	58	—	0	9.9	—	16.5	11
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	453	73	0	0	9	0	0	58	71			3.8	— 0.6	5.4	13
	Wana * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
Quetta	Fort Sandeman * ...	000	0	0	00	00	96	02	0	479	69	0	0	9	0	0	25	62	—	— 2	2.3	— 2.7	3.6	9
	Hindubagh * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			0.3	—	2.1	—
	Loralai * ...																							14
	Barkhan * ...																							9
	Harnai * ...	000	0	0	05	01	96	02	0	449	73	0	0	9	0	0	30	//			1.1	+ 6.2	1.1	8
	Samungli (Quetta) * ...	000	0	0	00	00	96	02	0	498	64	0	0	9	0	0	31	54	— 6	— 1	0.6	— 0.5	3.3	—
	Chaman * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 9	—	0.0	— 0.2	1.8	—
	Nushki * ...	000	0	0	00	00	97	02	0	525	67	0	0	9	0	0	//	63			0.0	—	1.1	4
	Dalbandin * ...	000	0	0	00	00	96	02	0	481	63	0	0	9	0	0	//	55	—	— 7	0.0	— 0.3	0.7	7
Kalat	Kalat * ...	000	0	0	18	02	90	00	2	464	49	0	0	9	0	0	//	49	— 4	— 8	0.0	— 1.2	0.4	—
	Khuzdar * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			1.6	—	1.9	5
	Panjgur * ...	000	0	0	05	02	96	02	0	480	69	0	0	9	0	0	51	65	— 9	— 1	0.1	—	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 [illegible] is given RRR see the summary above for the actual amounts of rainfall.

837-S 1972

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 20th SEPTEMBER, 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	$7RR\ t_Rt_R$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA	99 2 14	10 6 95	20 0 63	53 0 06	98 0 21	98 0 27	52 4 00	...	73 4 00	65 2 94	05 6 23	...	30 5 04	00 5 03

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	002 266 10	...	450 180 32	095 090 24	581 061 22	755 155 35	964 295 59	239 543 //	...	...	...	...	...
Dacca ...	00 00	003 286 12	...	4/0 174 56	080 100 58	580 051 57	752 145 79	964 293 //	242 505 //	424 645 //	664 785 //	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	...	...	450 242 64	123 100 63	578 031 //	761 121 //	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	963 210 57	...	358 022 70	028 097 63	571 091 //	741 167 //	953 307 //	228 493 //	...	...	...	...	...
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	563 002 5//	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	575 000 57	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...	00 00	185 245 51	380 212 //	615 000 //	900 266 //	...	...	...	...	...	...	...	...
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 ...	050 07	355 09	350 08	025 06	...	...	...	...	...
Chaklala ...	...	200 05	305 04	175 03	175 03	140 05	135 10	255 28	285 15
Chhor ...	130 02	120 05	180 06	045 07	005 09	265 11	245 14	195 74	185 13
Chittagong ...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	230 15	215 13	165 10	165 15	150 20	130 21	...	...	...
Dacca ...	335 06	335 07	335 06	350 03	360 02	120 04	080 04	110 05	110 08
Dalbandin ...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	125 06	125 08	120 09	175 10	135 10	150 04	175 06	300 07	315 04
Drosh ...	...	...	...	230 07	240 06	225 11	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	220 03	245 03	245 03	060 01	085 07	095 05	245 15	240 21	240 24
Jessore ...	050 05	025 06	360 07	025 07	110 03	120 07	...	...	...
Jhelum ...	230 03	290 04	305 03	315 05	060 03	145 13	125 08	240 24	240 30
Jiwani ...	215 26	280 04	005 12	005 17	360 20	355 21	320 15	265 14	245 11
Karachi ...	175 07	135 05	035 03	345 03	360 07	315 10	250 14	225 15	255 17
Khanpur ...	275 06	260 04	280 04	235 08	235 09	195 06	195 13	225 08	215 07
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	325 06	140 06	340 05	320 04	255 01	200 03	115 02	120 13	175 04
Multan ...	240 06	220 07	210 09	185 15	180 75	225 05	005 05	060 12	080 C6
Nawab Shah ...	090 03	...	010 01	020 02	360 06	270 12	255 19	230 18	220 17
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	050 06	115 07	160 10	160 10	105 13	310 13	270 17	280 17
Parachinar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	350 04	240 05	260 19	240 33	235 34
Sargodha ...	075 05	109 04	110 06	125 01	060 02	005 12	289 30	250 23	245 25
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 ...	...	035 05	070 09	360 05	330 07	210 11
Chhor ...	260 10	265 C8	180 04	105 30	073 03	180 10
Chittagong ...	185 11	130 10	130 10	180 32	040 07	090 24
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...	140 06	140 08	150 15	135 22	125 28	...
Dacca ...	...	...	...	...	...	...
Dalbandin ...	...	...	065 07	070 14	060 18	035 21
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	225 06	265 03	240 09
Gilgit ...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...
Jacobabad ...	145 10	170 12	210 10	205 06	165 03	090 07
Jessore ...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...
Jiwani ...	040 14	065 75	055 15	040 10	05? 05	350 08
Karachi ...	290 09	270 04	305 02	185 02	055 07	045 07
Khanpur ...	...	...	...	...	...	...
Khuzdar ...	...	...	...	320 05	340 17	005 03
Lahore ...	250 01	245 C6	285 05	335 07	010 06	080 10
Multan ...	160 04	150 04	185 C6	200 C9	230 10	245 02
Nawab Shah ...	215 09	210 C6	160 05	045 C3	050 C4	020 15
Nokkundi ...	No	Ascen.	...	...	...	...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	345 03	325 05	160 01	175 01	040 03
Parachinar ...	...	...	...	...	...	...
Quetta ...	...	...	...	...	325 C6	195 C6
Sargodha ...	235 01	235 06	235 C6	280 05	305 03	015 05
Skardu ...	...	...	...	...	...	...
Sylhet ...	060 C4	100 10	...	090 11	...	...
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 ...	125 12	120 10	125 08	120 15	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	180 05	170 04	150 C6	125 C6	115 07	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	165 08	155 09	150 08	100 08	130 11	130 14	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	010 01	010 02	245 03	320 C4	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	290 C4	270 04	270 03	050 01	360 01	090 05	C65 19	080 23	080 37	...	...
Jessore ...	145 07	140 10	135 10	145 11	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	175 09	190 10	...	205 09	235 07	065 C4	160 10	240 23	245 29	...	...
Nawab Shah ...	031 02	020 02	050 03	070 06	070 09	225 11	230 10	210 13	215 11	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	346 12	315 C2	010 C6	C20 26	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	270 07	C45 04	...	250 13	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	...	...	...	...	...	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	090 05	C85 10	100 13	100 13	...	...	...	...	...	...	...
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 ...	290 09	270 04	305 02	13[illegible] 502	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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 temperature in °C.
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

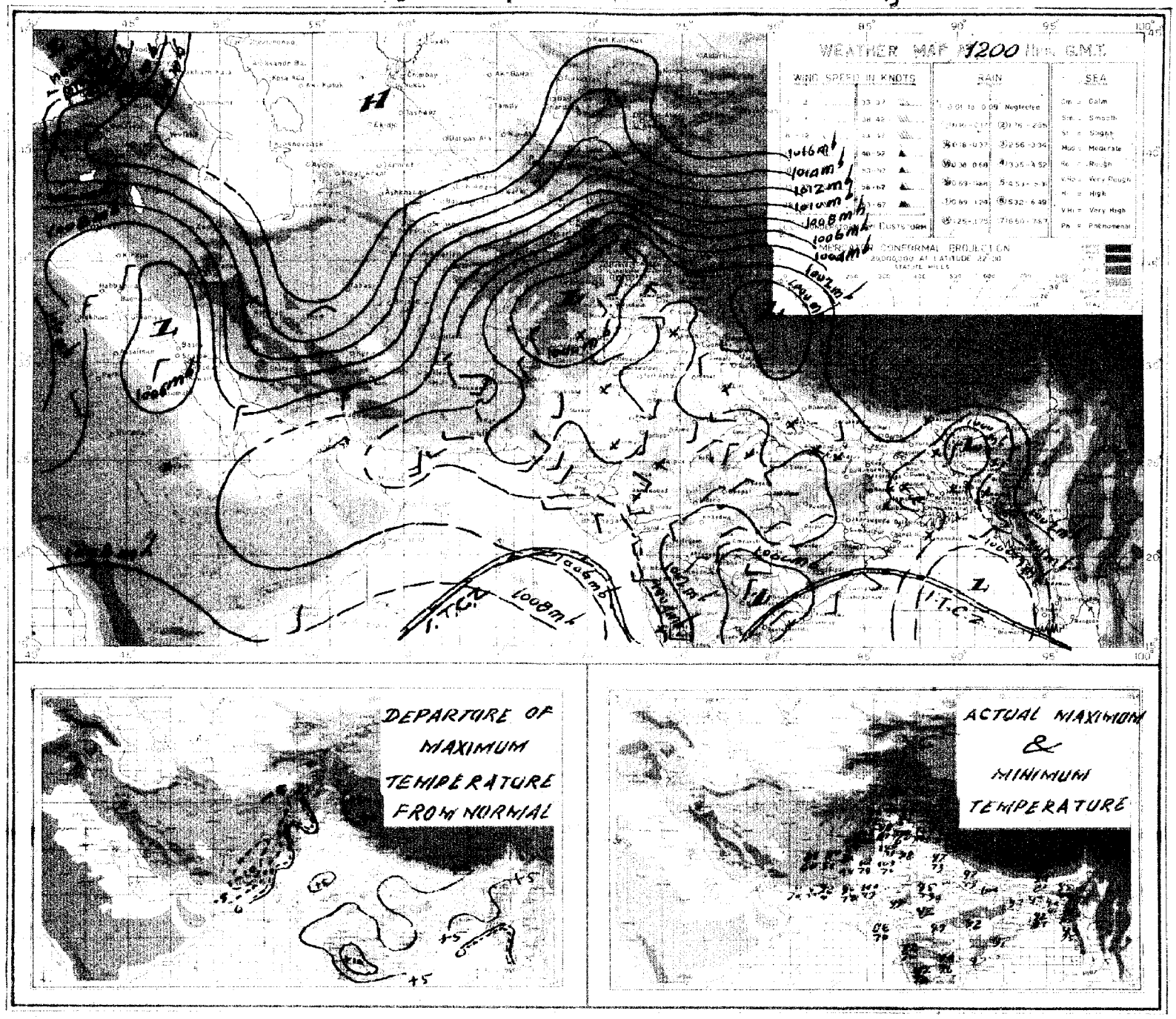
The actual time of observations may vary within half an hour of the specified time.

* 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.

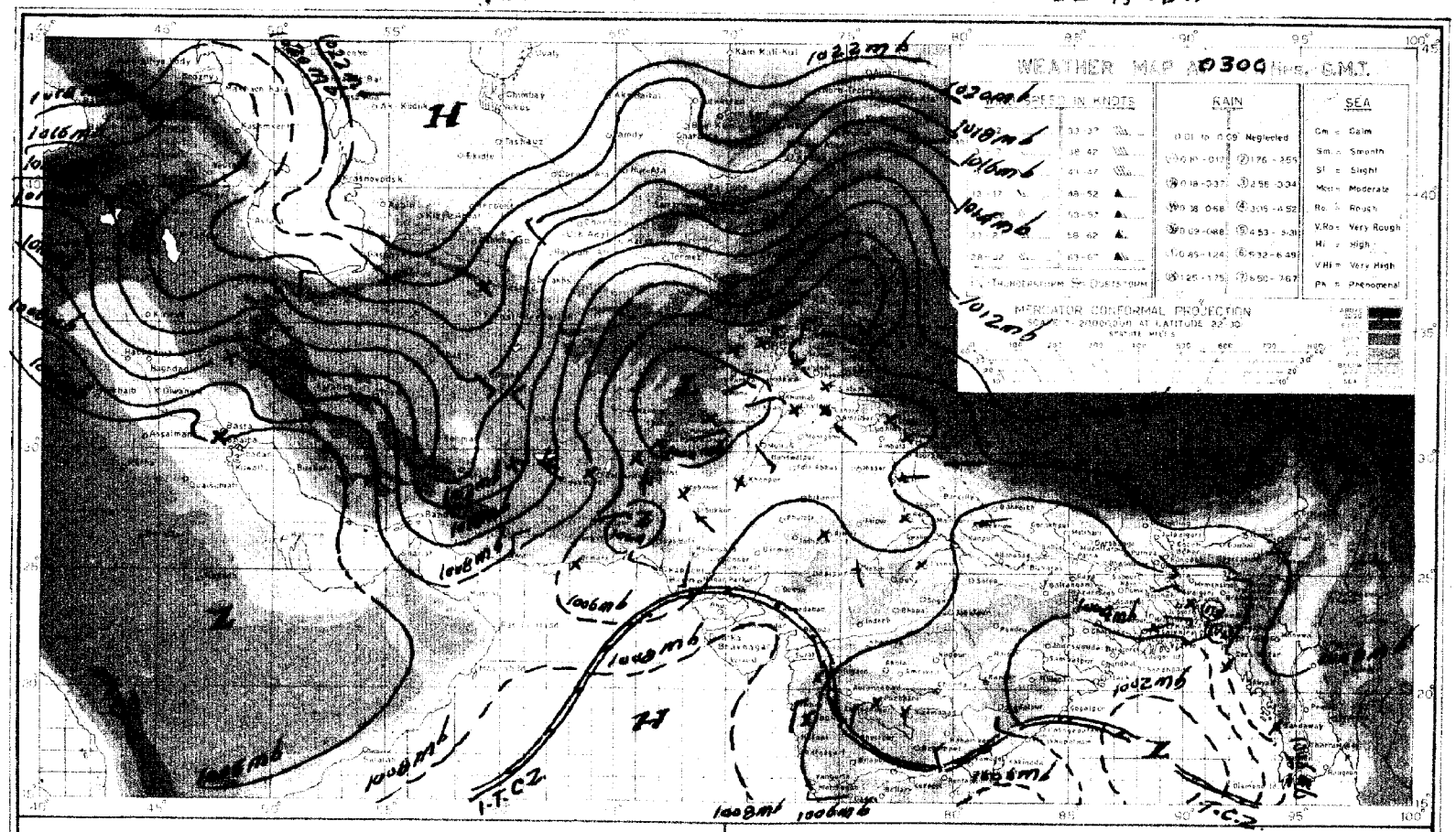
PAKISTAN DAILY WEATHER MAP

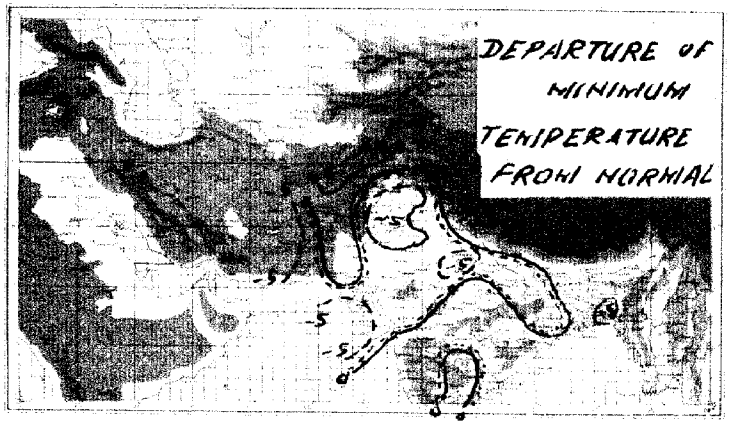
SUNDAY 19th SEPTEMBER, 1971.

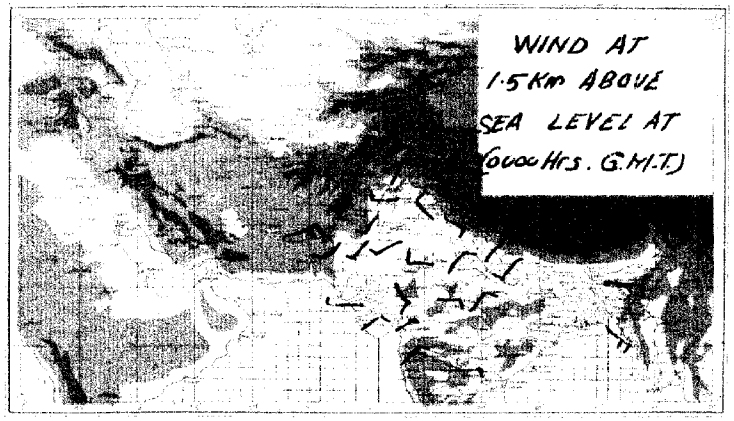


PAKISTAN DAILY WEATHER MAP

MONDAY 20th SEPTEMBER, 1971







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PAKISTAN DAILY WEATHER REPORT

2 - FEB 1972 Copy

Reg. No. S-1467
Volume No. 25

TUESDAY THE 21st SEPTEMBER, 1971.

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

Ships observations absent but believe yesterday's well marked low over central Bay of Bengal has moved westnorth-west-wards and is apparently concentrating into a depression.

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

The trough of low over Karachi and Kalat divisions has become unimportant.

Yesterday's trough over Kashmir and adjoining areas of West Pakistan persists. Weather remained dry over West Pakistan.

Chief amounts of rainfall are: Mymensingh 3", Bogra and Sirajganj 1½" each, Dacca 1", Sylhet, Faridpur and Jessore ½" each and Ishurdi ¼".

Day temperatures were generally 3—8 °F (2—4 °C) above normal in East Pakistan and in Karachi and Hyderabad divisions and were generally 4—9 °F (2—5 °C) below normal in Quetta and northern Kalat divisions.

Forecast valid until the evening of the 22nd September, 1971:— Rain/thundershowers will be fairly widespread in the southern districts and local elsewhere over East-Pakistan with a few heavy falls. Weather will be mainly dry over West Pakistan.

Earth Quake Report: The seismographs of the geophysical centre, Quetta have recorded an earth quake of mild intensity on 21st September, 1971 at 11 hours 41 minutes WPST with its epicentre about 350 miles south of Quetta near Karachi.

Karachi-32
The 21st Septembre, 1971.

ARSHAD NOOR KHAN
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 † 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 † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	0	8	09	05	96	17	2	034	84	5	5	4	5	0	79	90
	Cox's Bazar ...	022	3	6	00	00	96	17	2	037	82	4	9	4	3	0	62	91
	Chittagong ...	000	0	8	23	02	96	03	0	009	86	5	2	5	6	1	84	84
	Maijdee Court ...	000	0	4	00	00	96	02	1	036	88	4	4	7	0	0	82	92
	Comilla ...																	
	Brahmanbaria ...	000	0	6	00	00	98	92	2	925	58	4	3	6	3	2	69	94
	Sylhet ...	009	4	7	00	00	95	17	2	033	81	4	9	3	3	1	79	94
	Srimangal ...																	
Dacca	Mymensingh ...	000	0	6	22	02	97	02	1	012	87	6	5	4	0	0	81	96
	Narayanganj ...	011	3	8	00	00	95	03	6	039	90	8	6	3	1	1	77	98
	Dacca (Tejgaon) ...	101	6	7	00	00	97	02	9	032	62	3	4	5	7	0	79	92
	Faridpur ...	040	1	8	00	00	96	02	9	016	90	5	4	5	1	0	79	69
Khulna	Barisal ...	001	6	8	00	00	96	02	6	031	84	6	3	4	5	8	81	//
	Khulna ...	000	0	7	00	00	97	02	0	019	90	3	4	4	0	0	79	94
	Satkhira ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore ...	000	7	7	00	00	96	02	2	028	62	4	3	3	7	0	81	91
Rajshahi	Pabna ...	000	0	8	00	00	97	03	1	///	82	8	0	9	9	/	77	93
	Sirajganj ...	095	6	8	00	00	97	02	6	223	82	8	6	7	0	0	82	94
	Rajshahi ...	070	6	8	09	02	96	02	9	029	82	4	0	9	5	7	79	96
	Bogra ...	037	4	7	00	00	56	21	9	032	81	3	5	4	7	0	79	94
	Dinajpur ...	000	3	5	00	80	96	02	1	022	82	5	0	9	2	/	73	94
	Rangpur ...																	
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	00	00	97	02	0	025	97	0	0	9	0	0	54	99
	Sialkot ...	000	0	0	00	00	99	02	0	029	94	3	0	9	0	0	65	97
Rawalpindi	Jhelum ...	000	0	0	00	00	97	02	0	022	95	0	0	9	0	0	67	00
	Islamabad ...	000	0	0	00	00	97	01	0	020	91	0	0	9	0	0	58	95
	Rawalpindi ...	000	0	0	09	01	98	00	0	///	92	0	0	9	0			55
	Campbellpur ...																	
Sargodha	Khushab ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sargodha ...	000	0	0	27	10	97	02	0	025	96	0	0	9	0	0	67	03
	Lyallpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan	Sahiwal ...	000	0	8	00	00	97	02	0	027	99	0	0	9	0	0	61	92
	Multan ...	000	0	0	36	04	95	00	0	996	98	0	0	9	0	0	54	98
	Leiah ...																	
Bahawalpur	Khanpur ...	000	0	2	00	00	96	02	0	022	00	0	0	9	0	0	55	03
	Bahawalpur ...	000	0	0	00	00	96	00	0	027	98	0	0	9	0	0	63	01
	Fort Abbas ...	000	0	0	00	00	98	00	0	089	90	0	0	9	0	0	94	59
Malakand	Chakdara ...	000	0	0	23	07	98	02	0	999	95	0	0	9	0	0	57	96
Peshawar	Peshawar ...	000	0	1	36	02	97	02	0	018	91	1	1	6	0	0	59	95
	Haripur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Bannu ...	000	0	0	00	00	99	00	0	039	94	0	0	9	0	0	49	98
	D.I. Khan ...	000	2	0	13	02	97	02	0	032	95	0	0	9	0	0	69	99
Quetta	Sibi ...																	
	Nokkundi ...	000	0	0	31	09	99	02	0	043	89	0	0	9	0	0	50	89
Kalat	Turbat ...	000	0	0	23	02	98	00	0	918	12	0	0	9	0	0	76	//
	Jiwani ...	000	0	0	18	67	96	02	0	038	96	0	0	9	0	0	30	10
	Pasni ...																	
	Ormara ...	000	0	0	27	03	96	02	0	022	95	0	0	9	0	0	58	97
	Lasbela ...	000	0	0	23	02	98	00	0	019	06	0	0	9	0	0	53	07
Karachi division	Karachi (Manora) ...																	
	Karachi (Airport) ...	000	0	0	23	07	96	02	0	030	88	0	0	9	0	0	73	95
Hyderabad	Nagarparker ...																	
	Chhor ...	000	0	4	23	03	96	03	0	023	99	4	2	6	0	0	62	//
	Hyderabad ...	000	0	1	11	03	97	01	0	027	99	1	5	6	0	0	62	01
	Badin ...	000	0	1	23	02	97	02	0	033	//	1	2	6	0	0	69	99
Khairpur	Padidan ...	000	0	0	23	02	96	01	1	024	99	0	4	6	0	0	59	01
	Nawabshah ...	000	0	3	13	05	94	07	0	028	99	3	6	6	0	0	71	01
	Sukkur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kashmore ...																	
	Jacobabad ...	000	0	0	27	02	97	02	0	025	01	0	0	9	0	0	51	02
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	0	23	22	98	00	0	465	70	0	0	9	0	0	50	76
Malakand	Drosh * ...	000	0	4	23	12	98	03	1	471	86	2	2	7	3	0	23	90
Peshawar	Cherat * ...																	
	Kakul * ...	000	0	1	33	02	96	01	0	476	80	1	0	9	3	0	49	86
	Landikotal * ...	000	0	0	09	05	98	02	0	465	87	0	0	9	0	0	83	91
	Parachinar * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	465	91	0	0	9	0	0	73	92
	Wana * ...	000	0	0	13	04	98	00	0	///	86	0	0	9	0	0	67	89
Quetta	Fort Sandeman * ...	000	0	0	27	05	97	02	0	454	86	0	0	9	0	0	46	87
	Hindubagh * ...	000	0	0	11	07	98	02	0	///	80	0	0	9	0	0	10	84
	Loralai * ...																	
	Sarkhan * ...																	
	Harnai * ...	000	0	0	05	01	96	02	0	476	92	0	0	9	0	0	72	93
	Samungli (Quetta) * ...	009	0	0	30	05	97	02	0	464	75	0	0	9	0	0	41	81
	Chaman * ...	000	0	0	00	00	98	00	0	417	87	0	0	9	0	0	41	83
	Nushki * ...	000	0	0	31	05	97	02	0	517	86	0	0	9	0	0	36	87
	Dalbandin * ...	000	0	0	00	00	96	02	0	494	88	0	0	9	0	0	09	90
Kalat	Kalat * ...	000	0	0	31	05	96	00	0	429	75	0	0	9	0	0	50	80
	Khuzdar * ...	000	0	0	13	05	97	02	0	446	86	0	0	9	0	0	36	89
	Panjgur * ...	000	0	0	26	07	96	02	0	465	85	0	0	9	0	0	65	85

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

Divisions	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 (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	000	0	7	13	03	96	02	2	083	86	5	5	4	4	0	79	79	—	—	64.4	—		—
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+3	+4	107.4		—	140
	Chittagong	060	0	8	00	00	96	02	6	085	81	6	1	5	2	1	75	75	+4		21.9			108
	Maijdee Court	002	9	0	00	00	56	02	6	069	81	3	4	7	3	0	77	75	—3	—2	81.9			115
	Comilla																		—6	—2	28.6			94
	Brahmanbaria	040	7	7	09	05	56	01	6	092	81	5	6	5	2	0	79	75	—	—	53.2	—	—	78
	Sylhet	011	2	7	05	00	96	03	2	096	//	3	3	4	5	0	75	75	+3	0	24.3			—
	Srimangal																							98
Dacca	Mymensingh	325	6	4	13	02	97	02	1	092	84	4	4	4	0	0	79	75	+8	—2	55.9			91
	Narayanganj	010	0	8	13	02	97	02	2	082	84	8	0	3	1	1	77	79	+10	0	46.2			74
	Dacca (Tejgaon)	101	9	7	00	00	97	02	5	085	82	4	8	4	7	0	77	75	—	—	61.5			—
	Faridpur	040	0	8	16	05	97	02	2	067	86	6	4	5	1	0	79	77	+2	—1	27.1			71
Khulna	Barisal	003	8	7	13	05	96	21	9	082	79	4	6	4	2	0	75	79	//	+1	47.1			81
	Khulna	000	0	6	13	05	97	02	0	054	82	0	6	4	0	0	81	79	—	—	22.2			68
	Satkhira	090	2	4	00	03	97	05	0	080	90	6	7	7	0	0	81	77	—	—	64.9			65
	Jessore	051	9	7	13	09	97	03	5	074	84	4	5	4	7	0	79	79	+2	+1	59.4			65
Rajshahi	Pabna	023	3	8	13	05	97	03	9	///	81	4	7	6	7	0	81	79	—	—	32.7	—	—	59
	Sirajganj	127	3	8	13	02	98	02	6	081	79	8	6	7	0	0	64	77	+7	—1	15.8	—	—	64
	Rajshahi	000	2	8	13	02	96	01	9	075	79	3	5	5	3	0	79	75	—	—	20.0	—	—	—
	Bogra	169	1	7	13	02	96	61	9	079	77	4	4	4	7	0	63	73	+6	—4	41.3	—	—	69
	Dinajpur	000	3	5	13	02	96	01	1	073	62	3	0	9	4	9	73	79	+6	+2	—	—	—	73
	Rangpur																				40.7	—	—	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	04	0	060	82	0	0	9	0	0	59	71	+1	0	11.5	—2.8	15.1	19
	Sialkot	000	0	0	00	00	98	02	0	071	76	0	0	9	0	0	67	69	+2	—3	23.4	+0.4	29.6	22
Rawalpindi	Jhelum	000	0	0	00	00	96	05	0	070	78	0	0	9	0	0	67	67	—	—	20.0	—	24.7	—
	Islamabad	000	0	0	00	00	96	05	0	076	80	0	0	9	0	0	59	59	+1	—8	32.8	+9.8	40.5	30
	Rawalpindi	000	0	0	36	01	97	00	0	///	73	0	0	9	0	0	61	66	—		8.9	—	9.4	—
	Campbellpur	000	0	0	05	00	97	06	0	045	74	0	0	9	0	0	68	//	—	—	13.2	+3.3	15.2	15
Sargodha	Khushab	003	0	0	60	00	56	04	0	061	75	0	0	9	0	0	60	67	—	—	9.5	—	12.1	—
	Sargodha	000	0	0	00	00	97	00	0	064	74	0	0	9	0	0	03	68	—	—4	7.5	—1.6	10.8	12
	Lyallpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						10
Multan	Sahiwal	000	0	1	00	00	96	05	0	058	82	0	0	9	0	1	58	71	+1	—5	4.9	+0.1	5.5	7
	Multan	000	0	0	36	04	93	03	0	047	77	0	0	9	0	0	62	67	—	—	—	—	—	
	Leiah																							8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	059	83	0	0	9	0	0	62	70	—	—	11.0	—2.8	1.7	5
	Bahawalpur	000	0	0	00	00	96	00	0	068	84	0	0	9	0	0	63	72	—	—	0.3	—4.2	0.3	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		—	—	—	8
Malakand	Chakdara	000	0	0	05	05	97	02	0	069	66	0	0	9	0	0	50	62	—	—	10.3	—	20.4	—
Peshawar	Peshawar	000	0	0	00	00	97	02	0	067	70	0	0	9	0	0	62	67	0	0	8.6	+4.4	17.1	14
	Haripur	000	0	0	00	03	98	00	0	084	75	0	0	9	0	0	60	67	—	—	22.5	—	30.3	—
D.I. Khan	Bannu	600	0	0	00	00	99	00	0	019	73	0	0	9	0	0	56	69	—	—	5.9	—	8.2	11
	D.I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—1	—	—	—	4.3	9
Quetta	Sibi																							3
	Nokkundi	000	0	0	31	03	96	02	4	099	72	0	0	9	0	0	35	66	—	—	0.0	—	0.2	2
Kalat	Turbat	000	0	0	23	16	98	00	0	077	56	0	0	9	0	0	76	82	—	—	0.0	—	0.0	—
	Jiwani	000	0	0	36	05	96	02	0	068	78	0	0	9	0	0	35	74	—	—	0.0	—	1.5	5
	Pasni																				—	—	0.0	6
	Ormara	000	0	0	00	00	56	02	0	059	76	0	0	9	0	0	71	//	—	—	0.8	0.0	0.8	6
	Lasbela	000	0	0	00	00	98	00	0	062	74	0	0	9	0	0	71	//	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora)																							8
	Karachi (Airport)	000	0	0	00	00	96	02	0	065	80	0	0	9	0	0	76	75	—	—	2.6	—5.5	2.8	—
Hyderabad	Nagarparker																				—	—	0.0	—
	Chhor	000	0	0	00	00	56	02	0	060	81	0	0	9	0	0	72	73	—	—	4.5	—	4.5	7
	Hyderabad	000	0	0	00	00	97	02	0	062	84	0	0	9	0	0	57	77	—3	+2	1.9	—4.0	2.6	8
	Badin	000	0	0	00	00	96	02	0	064	80	0	0	9	0	0	75	77	—	—	—	—	2.1	—
Khairpur	Padidan	000	0	0	36	08	96	02	0	059	81	0	0	9	0	0	67	73	—	—	2.2	—	2.2	—
	Nawabshah	000	0	0	00	00	96	02	0	064	84	0	0	9	0	0	71	73	—	—	0.7	—	0.7	4
	Sukkur	000	0	0	23	02	95	05	0	059	82	0	0	9	0	0	73	78	—	—	1.8	—	2.2	—
	Kashmore																				—	—	0.8	4
	Jacobabad	000	0	0	36	02	96	02	0	058	87	0	0	9	0	0	63	80	—2	+6	2.5	+0.3	2.6	20
Junagadh	Veraval																							24
	HILL STATIONS																							
Kashmir	Srinagar																							—
	Gulmarg																							71
	Sonamarg																							24
	Dras																							3
	Leh																							6
	Skardu																							—
	Misgar																							5
	Aliabad																							39
	Gilgit																							18
Rawalpindi	Murree	000	0	0	05	03	98	00	0	488	46	0	0	9	0	0	40	59	+3	+	40.9	+6.5	49.0	39
Malakand	Drosh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+2		—	—	10.3	—
Peshawar	Cherat																				—	—	17.6	—
	Kakul	000	0	2	00	00	97	01	0	492	73	1	0	9	0	2	53	//	—	—	31.5	—	40.6	39
	Landikotal	000	0	0	36	02	98	02	0	495	76	0	0	9	0	0	67	61	—	—	13.1	—	22.8	13
	Parachinar	000	0	0	00	00	98	02	0	500	67	0	0	9	0	0	37	57	—	+1	8.9	—	16.5	11
D.I. Khan	Miranshah	000	0	0	05	05	99	00	0	469	68	0	0	9	0	0	43	54	—	—	3.8	—0.6	5.4	13
	Wana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—		—	—
Quetta	Fort Sandeman	000	0	0	23	02	97	02	0	487	67	0	0	9	0	0	75	41	—4	—2	2.3	—2.7	3.4	9
	Hindubagh	000	0	0	34	05	98	02	0	///	62	0	0	9	0	0	01	37	—	—	0.4	—	2.1	—
	Loralai																				—	—	—	14
	Sarkhan																				—	—	1.1	9
	Harnai	000	0	0	31	02	96	02	0	464	76	0	0	9	0	0	52	67	—	—	1.1	—6.2	1.1	9
	Samungli (Quetta)	000	0	0	00	00	97	05	0	503	53	0	0	9	0	0	39	41	—4	—13	0.6	—0.4	3.3	—
	Chaman	000	0	0	27	03	98	00	0	513	63	0	0	9	0	0	35	54	—9	—6	0.0	—0.2	1.8	—
	Nushki	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	—	1.1	4
	Dalbandin	000	0	0	05	03	96	02	0	494	64	0	0	9	0	0	//	55	—9	—3	0.0	—0.3	0.7	7
Kalat	Kalat	000	0	0	18	01	91	00	3	475	56	0	0	9	0	0	56	55	—15	+14	0.0	—1.2	0.4	—
	Khuzdar	000	0	0	60	00	96	02	0	469	72	0	0	9	0	0	33	63	—	—	0.0	—	1.5	5
	Panjgur	000	0	0	00	00	97	02	0	468	69	0	0	9	0	0	58	65	—10	+3	0.1	—	0.2	—

† 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

TUESDAY THE 21st SEPTEMBER, 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	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
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	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 ...														
Dacca ...	00 00	005 260 15	...	475 166 16	092 096 22	580 049 07	743 135 21	957 270 50	238 493 //	420 641 //	660 771 //	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	902 260 18	...	430 210 64	157 114 64	590 825 65	762 153 //	965 265 //	279 391 //	...	...	...	...	...
Multan ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	965 210 57	...	390 232 64	118 117 //	581 083 //	751 117 //	961 309 //	238 493 //	421 633 //	...	...	...	...
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 (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
STATION 1	2	3	4	5	6	7	8	9	10
Barisal ...	...	...	...	...	...	...	...	...	...
Bogra ...	200 07	205 10	175 09	160 09	145 11	...	...	...	...
Chaklala ...	...	230 03	215 03	240 02	205 04	185 07	260 17	260 28	255 41
Chhor ...	255 06	130 03	105 01	105 03	065 11	105 04	115 01	...	...
Chittagong ...	235 07	230 04	210 05	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	165 16	165 16	150 19	130 17	100 14	...	...	...	...
Dacca ...	210 13	210 16	210 15	205 05	210 14	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	130 05	140 06	145 06	070 03	035 04	345 04	350 08	285 18	285 30
Drosh ...	...	...	...	250 14	210 06	185 10	250 04	275 13	255 33
Fort Sandeman ...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	355 05	355 05	060 03	130 04	140 05	090 14	335 07	265 15	240 23
Jessore ...	165 06	168 08	151 10	125 10	130 15		...	...	...
Jhelum ...	250 02	225 03	235 03	255 06	260 09	160 06	125 09	275 28	...
Jiwani ...	115 05	010 04	010 06	360 12	005 16	035 10	225 12	225 11	200 17
Karachi ...	210 09	170 07	160 04	025 02	025 12	045 07	075 12	170 11	...
Khanpur ...	345 06	345 06	335 07	330 08	310 08	265 06	265 04	250 08	265 12
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	320 06	310 08	310 06	320 06	320 08	340 06	335 06	295 13	220 13
Multan ...	245 04	235 04	235 04	165 03	300 02	360 02	295 13	250 20	240 15
Nawab Shah ...	100 04	075 03	065 04	025 06	130 06	240 07	263 14	230 14	210 11
Nokkundi ...	...	...	340 14	330 14	315 09	265 04	245 17	235 30	235 36
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	050 04	135 04	175 03	220 01	340 05	335 15	275 22	255 26
Parachinar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	325 04	190 14	245 18	240 30	240 41
Sargodha ...	255 04	285 05	265 03	265 05	260 05	005 12	310 01	300 27	310 29
Skardu ...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 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
STATION 1	11	12	13	14	15	16
Barisal ...	...	...	...	...	...	...
Bogra ...	Rain	...	...	...	...	...
Chaklala ...	...	255 03	235 03	255 05	305 10	255 10
Chhor ...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...	110 09	155 10	165 10	160 11	060 17	160 21
Dacca ...	110 08	135 05	140 08	...	...	...
Dalbandin ...	...	...	270 06	300 06	300 11	305 13
D. I. Khan ...	090 04	050 02	060 01	215 03	215 03	240 10
Drosh ...	...	...	...	225 01	020 01	355 08
Fort Sandeman ...	...	...	...	200 09	220 10	235 15
Gilgit ...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...
Jacobabad ...	350 04	330 02	330 02	225 03	165 03	110 09
Jessore ...	...	...	...	...	...	...
Jhelum ...	130 05	325 05	260 07	310 09	315 09	130 09
Jiwani ...	025 15	035 19	335 18	040 19	045 18	060 10
Karachi ...	315 11	305 08	015 06	060 05	060 14	060 24
Khanpur ...	3 5 13	345 14	350 14	335 12	285 10	260 16
Khuzdar ...	...	...	...	340 02	005 03	335 04
Lahore ...	120 02	275 04	275 07	295 07	325 07	325 07
Multan ...	185 17	205 09	195 06	275 05	295 05	355 09
Nawab Shah ...	260 08	250 08	005 07	045 08	080 17	095 23
Nokkundi ...	No	Ascent	...			
Panjgur ...	...	...	...	345 17	345 27	330 29
Peshawar ...	...	/// //	/// //	040 01	040 01	335 04
Parachinar ...	...	...	...	310 03	225 04	...
Quetta ...	...	...	...	...	300 06	225 04
Sargodha ...	295 02	295 10	295 10	360 12	020 08	265 17
Skardu ...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...

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	7.2	9.0
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Barisal ...	...	...	...	...	...	...	...	...	...	...	...
Bogra ...	130 08	140 10	140 14	120 08	065 04	...	...	...	...	...	...
Chaklala ...	...	305 01	140 15	040 04	110 01	140 17	100 08	260 20	265 21	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	165 08	150 04	130 06	130 08	165 12	...	...	...	...	...	...
Dacca ...	135 09	150 09	165 12	160 13	175 13	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	330 05	310 05	340 04	045 13	130 01	110 07	130 28	225 19	235 23	...	...
Jessore ...	165 10	165 13	170 12	160 13	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	035 90	055 08	055 10	335 08	050 02	170 03	175 08	205 10	205 06	...	...
Karachi ...	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	015 04	330 02	320 02	270 03	270 03	220 02	230 10	270 13	280 27	...	...
Multan ...	205 12	205 12	195 11	190 09	260 05	025 09	035 17	215 14	230 25	...	...
Nawab Shah ...	035 01	210 01	455 04	110 09	105 15	135 08	170 05	190 08	200 09	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	005 03	350 04	310 08	315 02	005 05	305 1[illegible]	295 12	280 13	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	310 01	315 06	305 03	300 05	350 04	015 15	005 18	345 20	320 34	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	095 05	165 06	...	...	...	...	...	...	...	...	...
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_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.

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

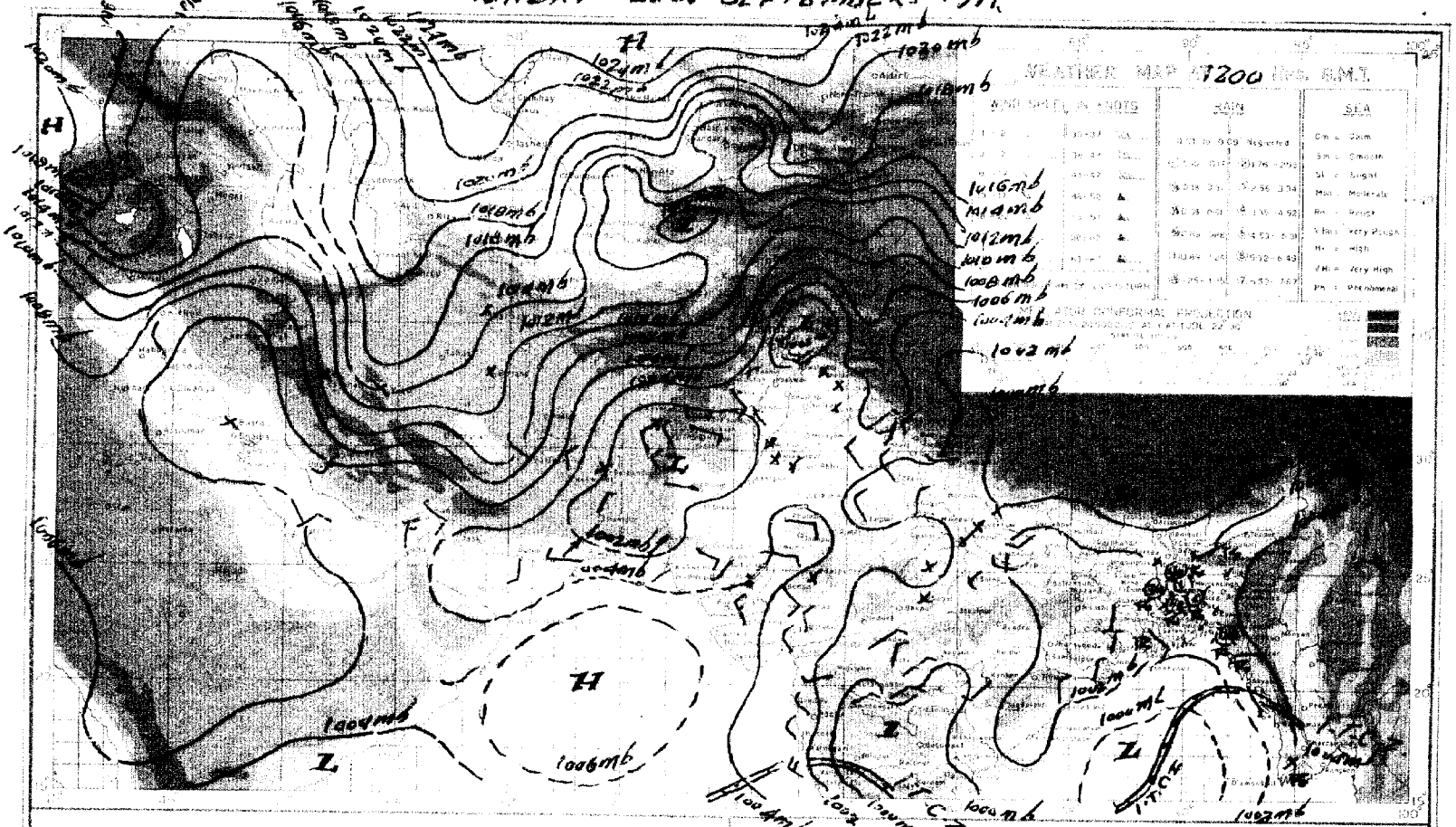
The actual time of observations may vary within half an hour of the specified time.

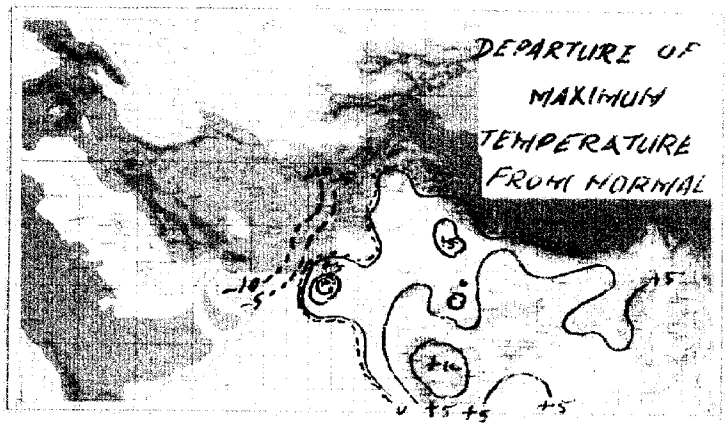
* The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next three figures give the wind speed "fff" in knots or in knots increased by 500.

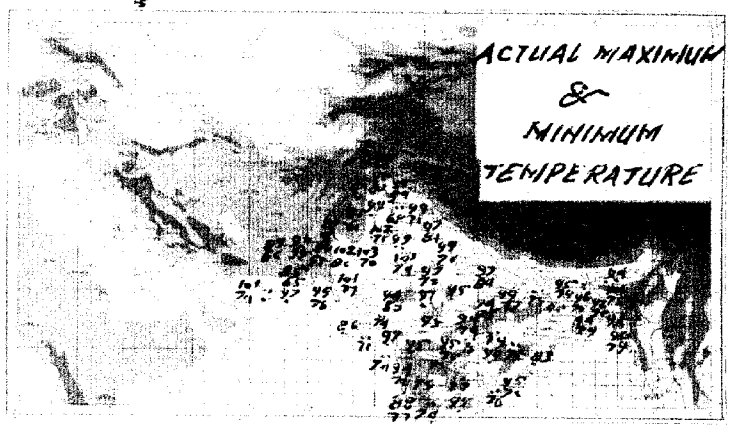
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Main Analysis Centre, University Road Karachi—32

PAKISTAN DAILY WEATHER MAP

MONDAY 20th SEPTEMBER, 1971

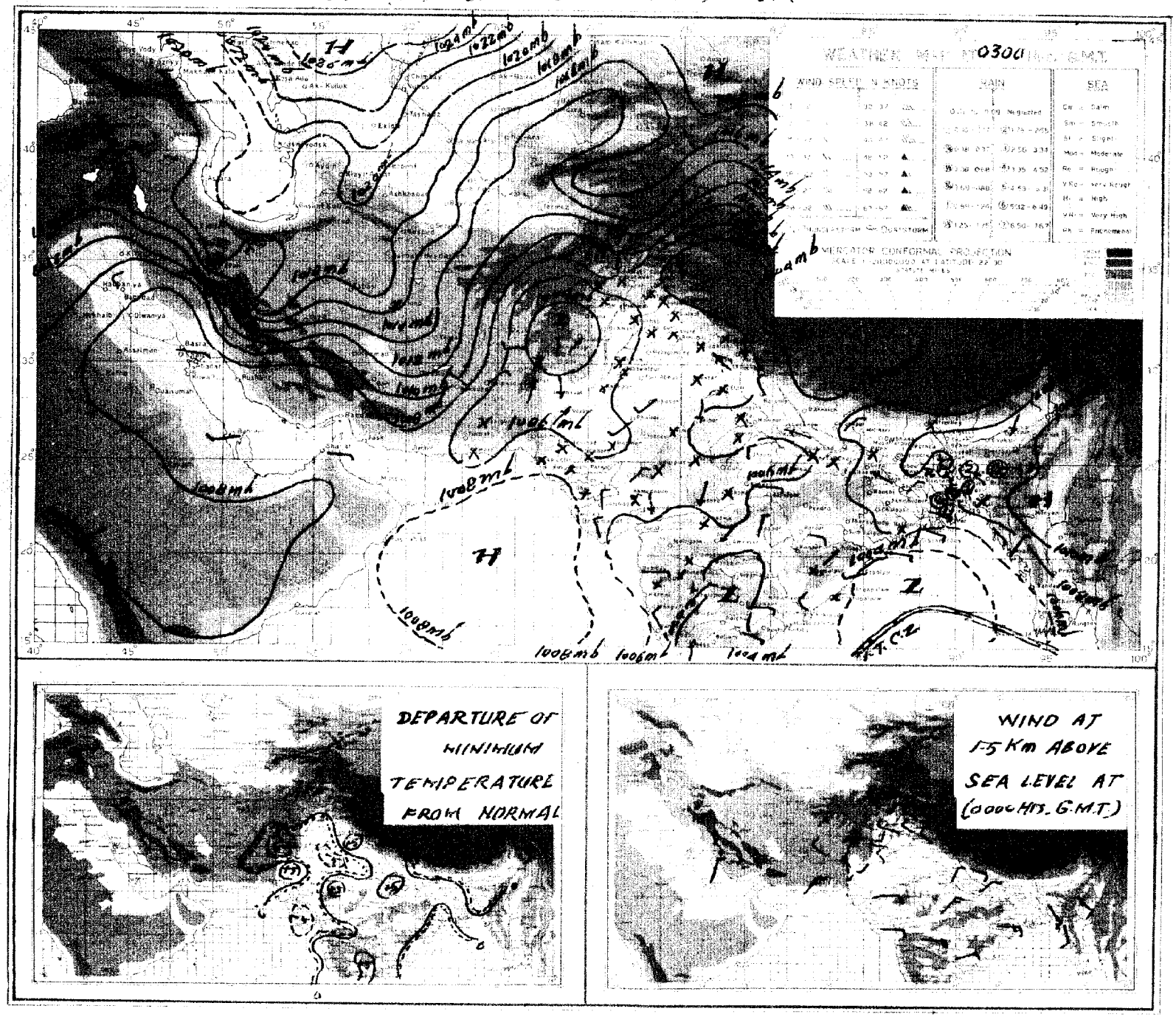






PAKISTAN DAILY WEATHER MAP

TUESDAY 21st SEPTEMBER, 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

WEDNESDAY THE 22nd SEPTEMBER, 1971.

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

Observations from ships and Andhara coast absent but believe yesterday's well marked low over west central Bay of Bengal has moved further westnorth-westwards and is probably crossing Andhara coast.

Another easterly low is entering Andaman Sea.

Local rain/thundershowers have occured in Dacca and Rajshahi divisions and scattered elsewhere in East Pakistan.

Yesterday's trough of low over Kashmir and adjoining areas of West Pakistan has become unimportant.

A low lying over Maharashtra is now emerging into east central Arabian Sea off Maharashtra coast.

Weather has remained dry over West Pakistan.

Chief amounts of rainfall are: Rangpur, Ishurdi and Pabna 1" eash, Chandpur, Narayanganj and Bhola ¾" each and Faridpur and Dacca ½" each.

Day temperatures were generally 3—5 °F (2—3 °C) above normal in southern Chittagong, Rajshahi, Dacca, Lahore, Rawalpiffdi, Sargodha, Malakand, Peshawar, Karachi and Hyderabad divisions and were to the same extent below normal in Quetta and northern Kalat divisions.

Forecast valid until the evening of the 23rd September, 1971:— Scattered rain/thundershowers are likely to occur in East Pakistan. Weather will continue to remain dry in West Pakistan and in Kashmir.

72 - FEB 9
Copy 1972

ARSHAD NOOR KHAN
for Director Meteorological Services.

Karachi-32
The 22nd Septembre, 1971.

OBSERVATIONS

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 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 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
1	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	3	5	36	02	98	29	9	060	82	3	9	5	7	3	79	88	000	9	6	36	02	98	01	4	099	84	4	4	6	7	0	79	//	—	—	—	—	—	—
	Cox's Bazar	000	0	6	18	02	96	02	0	045	84	4	4	4	3	0	75	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 9	—	107.3	—	—	140
	Chittagong	000	0	6	23	02	96	02	2	050	84	2	5	5	3	2	77	90	141	9	6	00	00	96	02	9	082	81	3	4	4	3	0	79	79	+ 3	+ 3	121.9	+47.7	—	108
	Maijdee Court	000	9	4	00	00	97	01	2	033	84	4	7	5	2	0	77	85	000	9	5	18	02	97	01	2	081	88	2	2	5	3	0	79	79	— 2	+ 2	81.9	+ 1.0	—	115
	Comilla	000	0	3	00	00	96	02	1	048	84	3	4	7	0	0	81	89	000	0	6	00	00	96	02	2	087	82	6	4	5	0	0	77	77	0	0	28.6	—32.1	—	94
	Brahmanbaria	000	0	7	00	00	//	02	2	038	54	1	2	6	3	1	79	87	015	2	7	31	02	96	95	9	090	79	6	2	4	2	1	79	77	—	—	93.3	—	—	70
	Sylhet	011	9	4	00	00	96	01	2	044	82	0	0	5	5	6	81	89	000	0	7	00	00	96	02	2	081	84	4	2	4	7	2	81	75	— 3	0	24.5	—32.0	—	98
	Srimangal																																									
Dacca	Mymensingh	000	0	6	23	02	97	02	2	047	84	6	5	4	0	0	81	91	090	0	5	13	02	97	02	2	087	84	5	4	4	0	0	79	79	+ 4	+ 2	55.9	—	—	91
	Narayanganj	000	0	8	00	00	96	02	2	044	86	5	6	6	3	1	75	91	049	9	8	13	02	97	03	5	089	81	8	6	3	1	1	75	79	+ 3	0	46.2	— 0.2	—	74
	Dacca (Tejgaon)	000	0	7	00	00	97	02	2	039	84	5	9	4	7	0	75	88	022	6	8	00	00	96	60	9	087	81	3	3	4	7	1	79	75	—	—	61.7	—	—	—
	Faridpur	000	0	5	00	00	96	02	2	052	//	4	3	6	1	0	75	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1	—	27.1	—17.8	—	71
Khulna	Barisal	000	0	4	00	00	97	01	2	033	84	4	2	5	2	0	77	85	000	0	6	00	00	97	02	2	084	84	5	4	5	2	0	79	79	+ 1	+ 1	47.1	— 7.9	—	81
	Khulna	000	0	4	00	00	97	02	0	040	68	2	2	4	0	0	77	94	000	0	6	00	00	97	02	0	092	84	0	6	4	0	0	81	79	—	—	22.2	—24.5	—	68
	Satkhira																																									
	Jessore	000	0	7	13	03	96	02	2	040	84	3	4	5	6	2	77	88	000	9	7	13	03	97	52	0	082	84	3	5	4	7	0	79	81	— 1	+ 3	59.9	+10.1	—	65
Rajshahi	Pabna	057	9	3	13	02	97	01	9	///	81	3	0	9	4	0	75	84	110	9	5	13	02	98	61	9	///	82	5	8	7	0	0	81	77	—	—	32.8	—	—	59
	Ishurdi	000	0	6	18	02	97	02	2	043	86	6	4	6	0	0	77	88	000	0	8	00	00	98	02	2	086	81	8	0	8	1	0	79	77	+ 4	—	15.6	—27.1	—	64
	Sirajganj	000	0	4	13	02	96	02	1	047	82	4	4	5	0	0	77	96	000	0	7	13	02	96	02	0	071	84	6	4	5	3	0	79	75	—	—	20.0	—	—	—
	Rajshahi	000	0	4	00	00	96	01	6	042	82	3	4	5	3	0	79	88	017	0	3	13	03	97	01	1	016	84	2	2	5	7	0	63	75	0	— 2	41.4	— 5.9	—	69
	Bogra	017	4	5	00	00	96	01	2	042	82	3	4	5	3	0	79	88	000	0	4	09	02	96	01	1	074	86	4	0	6	1	1	79	79	//	+ 2	—	—	—	72
	Dinajpur	000	1	5	00	00	96	61	2	930	84	5	0	9	2	/	79	//	000	0	5	13	02	96	03	0	077	88	5	0	9	2	0	81	73	+ 2	— 4	40.2	—18.2	—	84
	Rangpur	000	0	2	00	00	96	50	1	103	82	2	0	9	1	0	79	90																								
Kashmir	Jammu																																									
Lahore	Lahore (Jail Rd.)	000	0	0	31	02	97	02	0	030	98	0	0	9	0	0	60	99	000	0	0	00	00	96	05	0	060	62	0	0	9	0	0	63	70	+ 1	— 1	11.5	— 2.7	15.1	19
	Sialkot	000	0	0	27	02	97	02	0	027	97	0	0	9	0	0	63	99	000	0	0	00	00	96	02	0	061	76	0	0	9	0	0	63	68	+ 4	— 4	23.4	+ 0.3	29.6	32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	015	99	0	0	9	0	0	66	01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	24.7	—
	Islamabad	000	0	0	00	00	97	02	0	024	90	0	0	9	0	0	61	96	000	0	0	00	00	96	04	0	072	69	0	0	9	0	0	63	62	+ 3	— 5	32.8	+ 9.7	40.5	36
	Rawalpindi	000	0	0	31	10	98	50	0	///	93	0	0	9	0	0	73	03	000	0	0	18	02	97	00	0	///	79	0	0	9	0	0	65	61	—	—	8.9	—	9.4	—
	Campbellpur																																			+ 4	—	—	—	15.2	15
Sargodha	Khushab	000	0	0	00	00	98	00	0	030	01	0	0	9	0	0	50	03	000	0	0	00	00	97	02	0	056	75	0	0	9	0	0	64	65	—	—	9.5	—	12.1	—
	Sargodha	000	0	0	23	03	97	02	0	027	98	0	0	9	0	0	62	02	000	0	0	00	00	97	00	0	059	76	0	0	9	0	0	65	67	— 0	— 5	7.5	— 1.6	10.8	12
	Lyallpur	000	0	0	00	00	97	00	0	028	92	0	0	9	0	0	50	98																								10
Multan	Sahiwal	000	0	0	00	00	97	02	0	035	99	0	0	9	0	0	57	02	000	0	0	18	03	97	02	0	055	81	0	0	9	0	0	60	70	+ 2	— 6	4.9	+ 1.2	5.5	7
	Multan	000	0	0	36	01	95	00	0	994	98	0	0	9	0	0	62	98	000	0	0	36	02	93	30	0	035	79	0	0	9	0	0	66	70	—	—	—	—	—	8
	Lelah																																									
Bahawalpur	Khanpur	000	0	0	05	03	96	02	0	028	00	0	0	9	0	0	61	//	000	0	0	00	00	96	00	0	049	83	0	0	9	0	0	60	70	—	—	1.1	— 3.8	1.7	6
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	00	0	051	78	0	0	9	0	0	59	69	—	—	0.9	— 4.2	0.3	6
	Fort Abbas																																									8
Malakand	Chakdara	000	0	0	23	07	97	02	0	100	96	0	0	9	0	0	57	97	000	0	0	05	05	97	02	0	062	66	0	0	9	0	0	56	62	—	—	10.3	—	20.5	—
Peshawar	Peshawar	000	0	1	36	02	97	02	0	020	96	1	1	6	0	0	57	97	000	0	0	00	00	97	02	0	060	74	0	0	9	0	0	59	69	+ 3	0	8.6	+ 4.2	17.1	11
	Haripur	000	0	0	31	03	98	00	0	037	93	0	0	9	0	0	59	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	30.9	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	044	95	0	0	9	0	5	53	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	8.2	11
	D. I. Khan	000	0	0	13	02	97	02	0	033	57	0	0	9	0	0	56	00	000	0	0	13	03	97	02	0	058	77	0	0	9	0	0	62	68	+ 1	— 5	7.5	— 2.8	4.3	9
Quetta	Sibi																																									8
	Nokkundi	000	0	0	31	07	96	02	0	046	90	0	0	9	0	0	47	92	000	0	0	31	17	97	02	0	105	73	0	0	9	0	0	35	66	—	—	0.0	—	0.2	2
Kalat	Turbat	000	0	0	23	02	98	00	0	982	11	0	0	9	0	0	66	12	000	0	0	31	02	97	00	0	070	88	0	0	9	0	0	80	82	—	—	0.0	—	0.0	—
	Jiwani	000	0	0	18	07	96	02	0	040	98	0	0	9	0	0	13	01	000	0	0	07	03	96	02	0	072	78	0	0	9	0	0	58	72	—	—	0.0	—	1.5	5
	Pasni																																									6
	Ormara	000	0	0	18	07	96	02	0	032	95	0	0	9	0	0	62	97	000	0	0	00	00	96	00	0	065	73	0	0	9	0	0	70	//	—	—	0.0	—	0.0	6
	Lasbela	000	0	2	18	02	98	00	0	017	06	0	0	9	0	0	65	07	000	0	0	00	00	98	00	0	071	73	0	0	9	0	0	65	72	—	—	0.0	—	0.0	10
Karachi division	Karachi (Manora)																																									
	Karachi (Airport)	000	0	0	23	08	96	02	0	036	91	0	0	9	0	0	69	96	000	0	0	29	05	96	02	0	069	83	0	0	9	0	0	69	77	—	—	2.6	— 5.5	2.0	—
Hyderabad	Nagarparker																																									0.0
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	23	02	96	02	0	053	80	0	0	9	0	0	66	73	—	—	4.5	—	4.5	7
	Hyderabad	000	0	0	13	07	97	02	0	043	02	0	0	9	0	0	62	02	000	0	0	23	02	97	02	0	061	85	0	0	9	0	0	61	70	+ 4	+ 3	1.9	— 4.1	2.6	9
	Badin	000	0	0	27	02	98	02	0	040	00	0	0	9	0	0	57	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	2.1	—
Khairpur	Padidan	000	0	2	23	02	96	02	0	029	02	1	1	7	3	0	57	02	000	0	0	23	02	96	02	0	056	83	0	0	9	0	0	66	77	—	—	2.2	—	2.2	4
	Nawabshah	000	0	1	13	03	96	02	0	039	01	1	5	6	0	0	74	03	000	0	0	18	05	96	02	0	061	80	0	0	9	0	0	66	//	—	—	0.7	—	0.7	4
	Sukkur	000	0	0	23	02	97	02	0	014	90	0	0	9	0	0	67	01	000	0	0	00	00	95	05	0	055	85	0	0	9	0	0	72	79	—	—	1.8	—	2.2	4
	Kashmore	000	0	0	23	02	98	02	0	022	99	0	0	9	0	0	64	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	0.0	4
	Jacobabad	000	0	1	36	02	96	02	0	033	02	1	1	6	0	0	56	01	000	0	0	18	05	97	02	0	056	84	0	0	9	0	0	69	79	0	+ 5	2.5	+ 0.3	2.6	28
Junagadh	Veraval																																									26
	HILL STATIONS																																									—
Kashmir	Srinagar *																																									71
	Gulmarg *																																									26
	Sonamarg *																																									3
	Dras *																																									6
	Leh *																																									—
	Skardu *																																									—
	Miagar *																																									3
	Aliabad *																																									19
	Gilgit *																																									18
Rawalpindi	Murree *	000	0	0	13	02	98	00	0	465	72	0	0	9	0	0	52	77	000	0	0	09	02	98	00	0	484	67	0	0	9	0	0	44	59	+ 4	+ 1	40.9	+ 6.4	49.8	39
Malakand	Drosh *	000	0	2	18	07	98	01	0	461	87	2	1	7	0	0	30	92	000	0	0	00	00	96	02	0	507	71	0	0	9	0	0	32	//	+ 6	//	1.7	—	10.3	—
Peshawar	Cherat *																																									—
	Kohat *	000	0	0	23	02	97	02	0	477	81	4	6	6	0	0	//	87	000	0	2	31	02	98	02	0	484	73	0	0	9	0	0	55	67	—	—	31.5	—	48.6	29
	Landikotal *	000	0	0	36	02	98	02	0	487	89	0	0	9	0	0	84	94	000	0	0	36	02	98	02	0	494	74	0	0	9	0	0	63	61	—	—	13.1	—	23.8	13
	Parachinar *	000	0	0	13	03	98	02	0	476	81	0	0	9	0	0	26	82	000	0	0	00	00	98	02	0	495	67	0	0	9	0	0	30	58	+ 3	+ 2	8.9	—	16.5	11
D. I. Khan	Miranshah *	000	0	0	05	05	99	00	0	475	94	0	0	9	0	0	62	95	000	0	0	05	05	99	00	0	479	70	0	0	9	0	0	27	50	—	—	3.8	— 0.7	5.4	13
	Wana *	000	0	0	00	00	98	00	0	455	88	0	0	9	0	0	26	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	1.1	—
Quetta	Fort Sandeman *	000	0	0	31	03	97	02	0	463	87	0	0	9	0	0	23	88	000	0	0	00	00	97	02	0	485	67	0	0	9	0	0	31	60	— 4	— 3	2.3	— 2.7	3.6	9
	Hindubagh *	000	0	0	16	05	98	02	0	///	82	0	0	9	0	0	04	85	000	0	0	27	03	98	02	0	///	65	0	0	9	0	0	11	39	—	—	0.4	—	2.1	14
	Loralai *																																									9
	Barkhan *																																									—
	Harnai *	000	0	0	13	01	96	02	0	479	93	0	0	9	0	0	66	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	1.1	8
	Samungli (Quetta) *	000	0	0	00	00	98	02	0	481	80	0	0	9	0	0	53	02	000	0	0	00	00	96	05	0	505	52	0	0	9	0	0	66	44	— 2	— 8	0.6	— 0.5	3.38	—
	Chaman *	000	0	0	27	03	98	00	0	417	82	0	0	9	0	0	41	83	000	0	0	27	03	98	00	0	513	63	0	0	9	0	0	35	59	— 6	— 1	0.0	— 0.2	1.0	—
	Nushki *	000	0	0	23	05	97	02	0	527	88	0	0	9	0	0	37	90																								4
	Dalbandin *	000	0	0	23	05	96	02	0	490	89	0	0	9	0	0	69	91	000	0	0	00	00	96	02	0	499	62	0	0	9	0	0	04	56	— 6	— 2	0.0	— 0.3	0.7	7
Kalat	Kalat *	000	0	0	31	07	98	00	2	440	75	0	0	9	0	0	75	81	000	0	0	09	07	92	00	2	475	56	0	0	9	0	0	27	56	— 2	+ 17	0.0	— 1.2	0.4	7
	Khuzdar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	02	0	470	72	0	0	9	0	0	35	66	— 5	—	1.6	—	1.9	5
	Panjgur *	000	0	0	36	07	96	02	0	484	87	0	0	9	0	0	70	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.1	—	0.2	—

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 over999 is given RRR use the symbols here for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 22nd SEPTEMBER, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99L$_a$L$_o$L$_o$	Q$_c$L$_a$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$_s$	O1$_s$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
ARABIAN SEA														
Dumra	99 2 49	10 6 64	20 0 03	02 8 03	98 0 20	06 3 28	00 9 00	17 4 00	...	80 / 99	05 2 24	...	30 3 01	27 5 01

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 ...	00 00	005 280 09	...	470 164 14	109 078 14	581 060 74	751 185 08	960 323 60	233 535 //	412 691 //	...	...	...	...
Dacca ...	00 00	008 266 02	...	400 166 32	108 088 50	582 061 38	753 749 //	965 275 //	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	003 294 20	...	500 256 65	155 132 //	599 005 //	767 131 //	980 267 //	263 403 //	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	964 210 53	...	430 230 67	114 126 //	585 083 //	758 123 //	975 239 //	261 389 //	454 493 //	...	...	...	...
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	dsdsfcfcfc	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

Heights 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	9.0
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 ...	180 08	175 08	160 06	160 06	205 04	220 04	265 07	...	...	...	...	...	...	...	...	155 06	170 07	200 05	...	...	...	...	...	...	...	...
Chaklala ...	...	205 02	195 03	290 04	125 04	125 10	305 15	285 24	285 23	...	055 06	115 02	030 01	055 05	240 08	...	225 01	150 03	110 04	125 02	075 08	165 05	225 23	245 29	...	...
Chhor ...	245 06	240 03	155 05	120 09	100 04	105 04	105 04	070 03	085 04	265 15	305 15	305 14	275 08	090 07	020 05	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	240 08	240 10	240 06	245 05	...	...	...	...	...	165 01	185 02	180 03	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cher.t	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	190 11	175 12	170 06	160 12	175 07	...	...	...	...	350 05	350 03	325 03	060 02	070 01	...	015 06	015 02	050 01	350 02	160 01	340 04	305 14	...	...	...	...
Dacca ...	160 06	165 06	170 07	165 08	160 13	160 13	...	...	...	090 06	170 07	185 08	...	...	...	140 04	175 06	185 06	215 09	240 08	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	265 06	295 06	315 10	325 17	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	135 08	125 11	125 08	120 06	350 07	335 04	005 05	280 14	275 12	150 03	200 06	195 05	160 04	250 03	020 05	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	230 12	230 13	200 10	120 09	285 17	270 24	...	...	...	155 01	020 03	355 04	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	195 05	280 05	265 09	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Iskurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	130 03	340 03	335 02	315 04	280 03	170 05	205 03	260 11	...	250 07	230 05	230 07	160 07	170 07	...	230 04	235 08	350 08	215 05	235 05	155 06	225 11	235 13	245 14	...	...
Jacobabad ...	160 07	160 08	105 08	190 09	190 08	...	...	...	...	225 04	245 07	225 07	225 06	165 14	295 03	115 03	155 05	180 05	190 08	...	...	...	...	...	...	...
Jhelum ...	300 03	295 03	290 05	280 11	165 10	330 18	280 23	270 31	265 37	090 04	075 03	130 01	265 03	325 04	005 04	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	130 09	075 08	015 07	015 12	360 14	025 02	195 09	190 13	220 11	010 12	030 08	090 07	050 15	065 12	230 05	040 14	040 17	050 19	070 20	080 15	070 09	125 08	165 06	175 08	...	...
Karachi ...	065 24	185 23	180 19	145 11	060 28	...	...	...	...	745 14	255 09	210 08	060 18	065 13	120 12	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	340 08	350 12	350 13	335 15	340 15	260 10	250 10	260 15	265 18	// //	// //	// //	245 05	255 12	270 20	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	270 10	280 05	325 04	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	335 12	330 12	330 12	320 11	320 12	325 15	245 08	180 08	175 07	290 09	280 10	225 09	285 10	315 12	335 10	310 03	305 05	295 06	300 05	300 03	155 10	135 04	290 16	280 22	...	...
Multan ...	260 03	200 03	200 02	255 03	345 06	020 09	290 12	275 24	275 28	185 08	205 05	215 04	225 05	260 06	350 06	200 14	190 19	190 21	180 21	185 21	170 19	305 06	305 05	360 07	...	...
Nawab Shah ...	120 05	125 08	150 06	145 04	065 09	185 06	170 05	210 12	205 05	250 10	235 06	240 09	210 05	175 05	090 04	280 02	245 05	115 03	130 02	070 06	095 08	215 03	205 02	185 05	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...	325 17	315 17	300 99	265 09	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	360 31	360 27	015 12	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	075 03	025 02	320 02	330 07	350 14	270 18	260 38	260 13	...	330 07	070 01	045 11	045 12	115 13	...	020 04	060 03	360 02	180 05	130 03	330 06	245 24	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	115 01	225 03	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	345 05	315 05	275 12	350 15	240 17	...	...	...	...	260 05	150 03	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	230 04	250 06	255 10	250 06	340 11	355 19	300 09	285 12	275 19	350 05	350 03	325 03	060 02	070 01	...	300 02	260 06	255 09	240 07	240 02	340 12	245 13	275 17	265 29	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	125 04	140 03	170 03	190 06	155 07	...	...	...	...	...	...	...	...	...	...	...	...
Varsval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	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 (Hiii Cdd V, V, etc.)

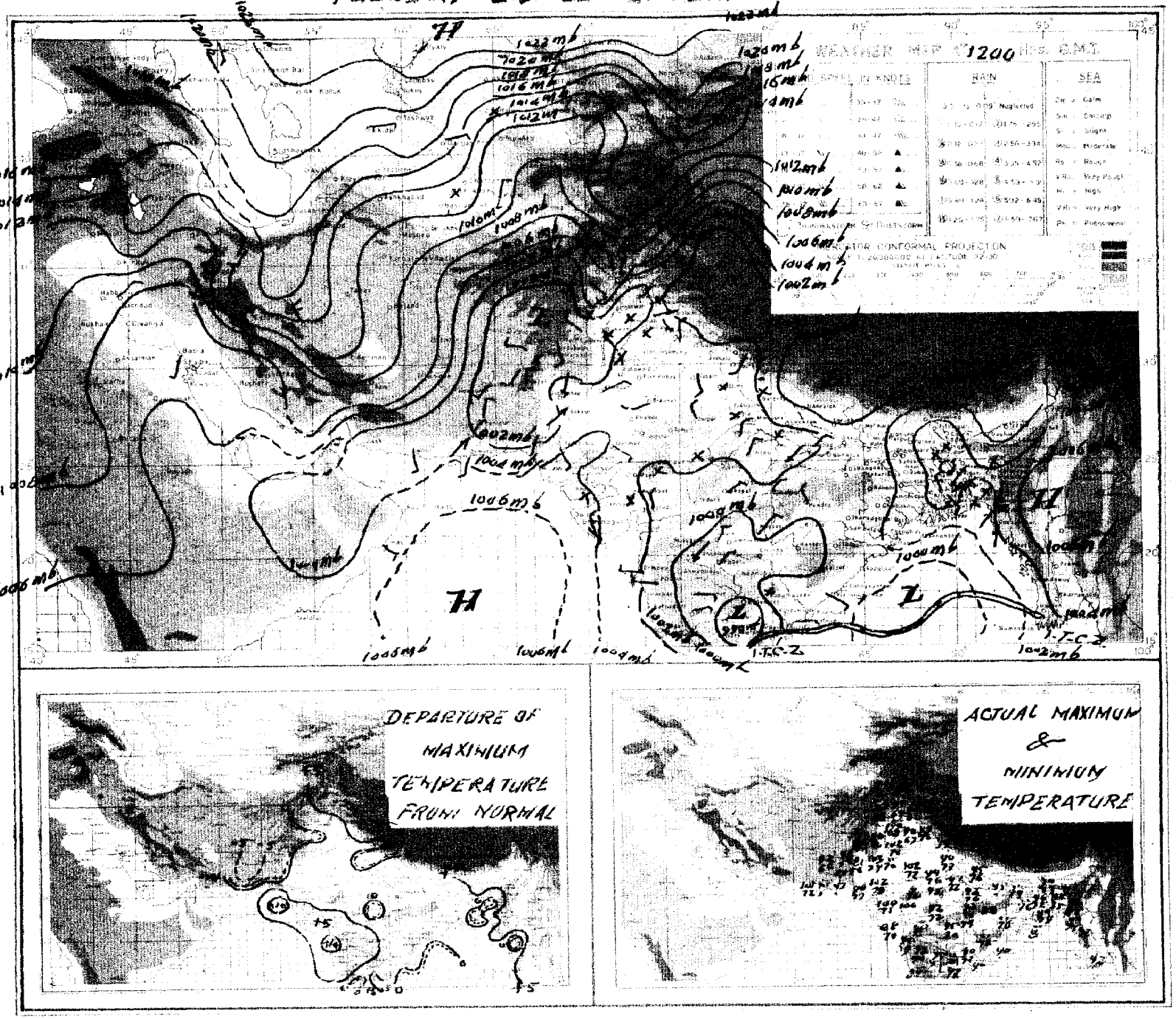
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(Heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
Ts—Approximate earth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

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 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. M. In Antivis Centre, University Road Karachi—32.

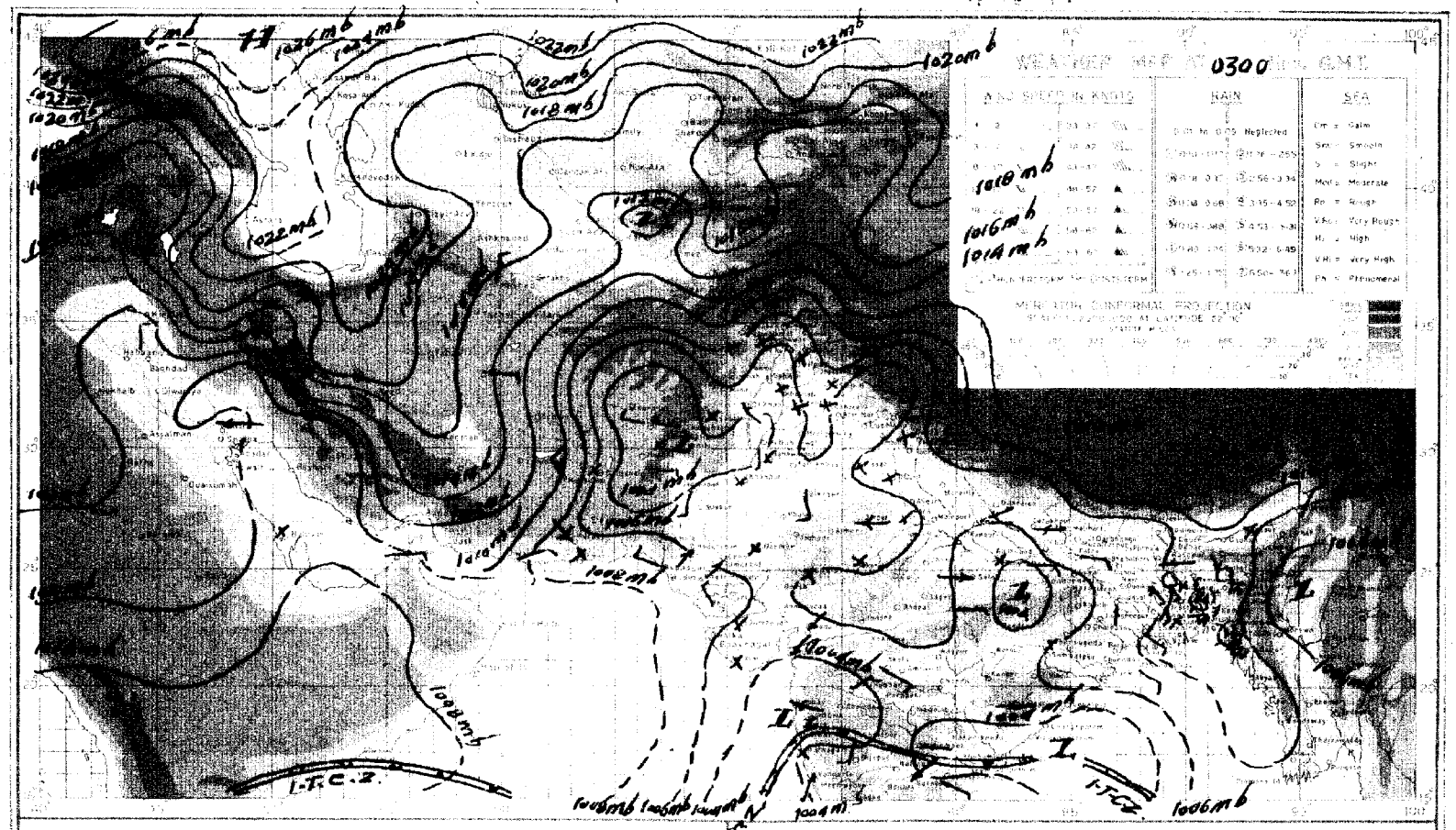
PAKISTAN DAILY WEATHER MAP

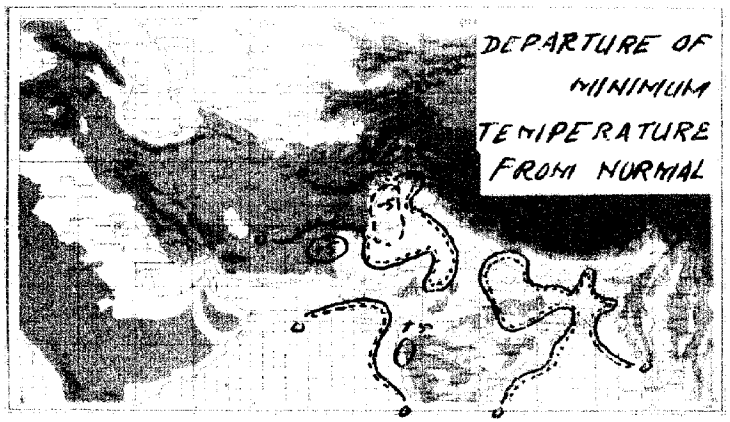
TUESDAY 21st SEPTEMBER, 1971

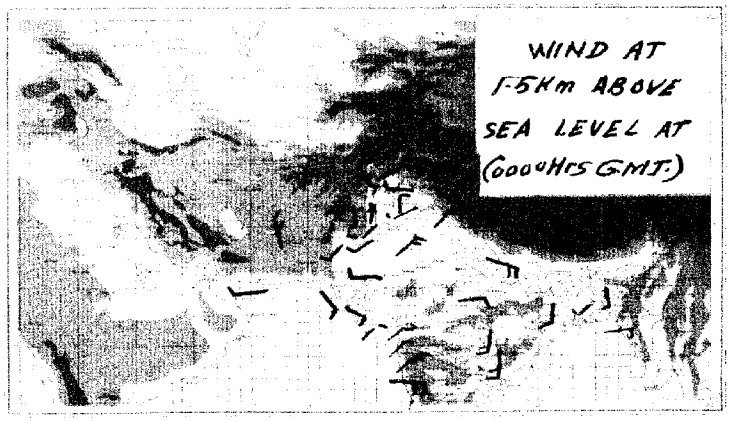


PAKISTAN DAILY WEATHER MAP

WEDNESDAY 22nd SEPTEMBER, 1971.







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PAKISTAN DAILY WEATHER REPORT

FEB 9 1972
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Reg. No. S-146
Volume No. 25

THURSDAY THE 23rd SEPTEMBER, 1971.

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

Data from Burma, West Bengal and Orissa coast lacking but believe the easterly low over Andaman Sea has moved slightly northwest-wards and today lies over north Andaman Sea and adjoining East central Bay of Bengal.

Yesterday's well marked low over West central Bay of Bengal crossed Andhara coast last evening and become unimportant.

Rain/thundershowers have been local over Chittagong division and scattered elsewhere over East Pakistan.

The low pressure area over Maharashtra coast persists.

Another low has appeared over north east Uttar Pradesh and adjoining areas.

Weather has remained dry over West Pakistan.

Chief amounts of rainfall are: Sylhet, Comilla, Mymensingh, Srimangal and and Dacca ½" each and Khulna and Dinajpur ¼" each.

Day temperatures were 8—10 °F (4—6 °C) above normal in Karachi and Hyderabad divisions and 3—6 °F (2—3 °C) so in East Pakistan outside Khulna division. and in Lahore, Rawalpindi, Sargodha and Malakand divisions and were 3—6 °F (2—3 °C) below normal in Quetta and Kalat divisions.

Forecast valid until the evening of the 24th September, 1971:— Scattered rain/thundershowers are likely to occur over Chittagong division. Weather will be mainly dry elsewhere over the country.

Karachi-32
The 23rd Septembre, 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 °F (TdTd)	Maximum temperature (TxTx)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	000	2	6	31	05	98	01	9	065	82	5	7	5	7	0	77	91
	Cox's Bazar	000	0	0	36	04	96	02	2	047	88	3	4	4	2	0	75	91
	Chittagong	015	6	3	10	05	96	01	0	050	84	3	2	9	1	0	79	88
	Maijdee Court	000	9	5	00	00	96	00	3	043	82	2	2	5	8	0	79	90
	Comilla	060	4	5	00	00	96	02	2	052	81	5	4	5	0	0	79	90
	Brahmanbaria																	
	Sylhet	012	9	6	00	00	96	02	9	045	84	4	5	6	3	0	75	84
	Srimangal	036	3	5	00	00	96	01	6	048	81	0	0	9	2	5	73	87
Dacca	Mymensingh	000	0	5	00	00	97	02	2	044	84	5	5	4	0	0	81	93
	Narayanganj	000	0	3	01	03	96	03	1	049	84	1	6	6	3	1	77	90
	Dacca (Tejgaon	014	9	5	00	00	97	02	9	040	84	3	8	5	6	4	79	87
	Faridpur	000	0	3	20	02	97	02	2	031	88	3	4	6	0	0	81	90
Khulna	Barisal	004	7	7	00	00	96	02	6	035	82	1	3	4	4	8	79	81
	Khulna	000	0	4	00	00	97	02	0	040	90	2	2	4	0	0	81	94
	Satkhira																	
	Jessore	000	0	4	00	00	96	01	2	037	90	4	4	3	3	0	81	91
Rajshahi	Pabna	000	5	4	13	02	97	01	9	///	84	4	9	6	0	0	///	90
	Sirajganj	000	0	4	18	02	97	01	2	036	88	4	2	6	6	0	75	91
	Rajshahi	000	0	8	18	02	96	02	0	035	84	4	5	3	1	0	79	91
	Bogra	004	3	7	29	03	96	13	9	039	83	4	4	4	7	0	79	88
	Dinajpur	000	9	4	18	02	96	11	2	023	86	4	0	9	2	0	79	90
	Rangpur	060	5	6	13	02	96	01	6	041	82	6	0	9	2	0	79	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	97	02	0	022	98	0	0	9	0	0	69	01
	Sialkot	000	0	0	00	00	98	02	0	029	94	0	0	9	0	0	60	99
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	016	99	0	0	9	0	0	69	02
	Islamabad	000	0	1	00	00	97	02	0	015	93	1	1	6	0	0	64	96
	Rawalpindi	000	0	0	01	01	98	00	0	///	97	0	0	9	0	0	77	98
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	0	018	92	0	0	9	0	0	46	95
	Sargodha	000	0	0	23	02	97	02	0	019	98	0	0	9	0	0	64	03
	Lyallpur	000	0	0	00	00	97	00	0	019	94	0	0	9	0	0	56	02
Multan	Sahiwal																	
	Multan	000	0	0	00	00	97	02	0	024	99	0	0	9	0	0	57	02
	Leiah	000	0	0	36	04	95	00	0	010	95	0	0	9	0	0	61	95
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	025	96	0	0	9	0	0	66	04
	Bahawalpur	000	0	0	00	00	96	00	0	///	///	0	0	9	0	0	94	///
	Fort Abbas	000	0	0	00	00	98	00	0	///	///	0	0	9	0	0	59	97
Malakand	Chakdara	000	0	0	23	07	97	02	0	986	95	0	0	9	0	0	61	95
Peshawar	Peshawar	000	0	1	05	03	97	02	0	010	95	1	1	6	0	0	61	95
	Haripur	000	0	0	13	03	98	00	0	036	92	0	0	9	0	0	67	95
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	033	96	0	0	9	0	0	49	99
	D. I. Khan	000	0	0	10	03	97	02	0	012	95	0	0	9	0	0	62	99
Quetta	Sibi																	
	Nokkundi	000	0	0	31	07	96	02	0	060	89	0	0	9	0	0	48	93
Kalat	Turbat	000	0	0	23	02	98	00	0	982	11	0	0	9	0	0	86	///
	Jiwani	000	0	0	18	02	96	02	0	046	90	0	0	9	0	0	61	01
	Pasni																	
	Ormara	000	0	0	18	03	97	02	0	986	95	0	0	9	0	0	59	97
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi division	Karachi (Manora)																	
	Karachi (Airport)	000	0	0	25	07	96	02	0	035	97	0	0	9	0	0	63	00
	Nagarparkar																	
Hyderabad	Chhor																	
	Hyderabad	000	0	0	00	00	97	02	0	024	99	0	0	9	0	0	57	02
	Badin	000	0	0	27	05	98	02	0	032	91	0	0	9	0	0	57	05
Khairpur	Padidan	000	0	1	05	05	96	02	0	026	02	1	1	6	0	0	53	04
	Nawabshah	000	0	0	25	02	96	02	0	030	03	0	0	9	0	0	75	05
	Sukkur	000	0	0	13	10	96	02	0	023	00	0	0	9	0	0	69	04
	Kashmore																	
	Jacobabad	000	0	0	18	03	97	02	0	///	///	0	0	9	0	0	68	01
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg *																	
	Sonamarg *																	
	Dras *																	
	Leh *																	
	Skardu *																	
	Minar *																	
	Allahabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	23	02	98	00	0	459	71	0	0	9	0	0	51	77
Malakand	Drosh *	000	0	4	23	10	98	03	0	441	88	3	2	4	4	0	31	93
Peshawar	Cherat *	000	0	0	18	02	98	00	0	452	86	0	0	9	0	0	47	86
	Kohat *	000	0	1	20	03	97	01	0	470	81	1	1	9	0	0	49	86
	Landikotal *	000	0	1	08	05	98	02	0	475	88	0	0	9	0	0	80	94
	Parachinar *	000	0	0	16	05	98	02	0	463	81	0	0	9	0	0	21	84
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	480	95	0	0	9	0	0	64	96
	Wana *	000	0	0	00	00	98	00	0	///	///	0	0	9	0	0	37	92
Quetta	Fort Sandeman *	000	0	0	23	02	98	02	0	453	81	0	0	9	0	0	25	89
	Hindubagh *	000	0	0	25	09	98	02	0	///	80	0	0	9	0	0	23	87
	Loralai *																	
	Barkhan *																	
	Harnai *	000	0	0	13	01	96	02	0	450	92	0	0	5	0	0	71	96
	Sanjagli (Quetta) *	000	0	0	31	10	97	02	0	479	80	0	0	9	0	0	59	83
	Chaman *	000	0	0	27	03	96	00	0	517	82	0	0	9	0	0	41	83
	Nushki *	000	0	0	23	03	97	02	0	536	86	0	0	9	0	0	37	89
	Dalbandin *	000	0	0	00	00	96	02	0	501	89	0	0	9	0	0	14	91
Kalat	Kalat *	000	0	0	36	01	96	02	0	450	92	0	0	5	0	0	71	96
	Khuzdar *	000	0	0	13	02	98	02	0	451	90	0	0	9	0	0	40	94
	Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

DIVISIONS	STATIONS	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 °F (TdTd)	Minimum temperature (TnTn)	Departure from Normal of Maximum temperature (TxTx)	Departure from Normal of Minimum temperature (TaTn)	Rainfall: Since 1st June, 1971 co-date	Departure from normal	Since 1st January, 1971 co-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	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—
	Cox's Bazar	000	0	5	00	00	96	02	0	064	86	3	3	4	3	0	69	82	+ 4	+ 7	107.3	+ 1.0		140
	Chittagong	000	1	6	00	00	97	02	2	068	86	1	5	5	3	0	79	80	+ 8	+ 4	121.9	+47.3		108
	Maijdee Court	000	9	6	00	00	96	02	2	073	86	4	2	5	2	0	79	77	+ 1	+ 2	81.9	+ 0.3		115
	Comilla	040	9	6	00	00	96	02	2	072	81	7	4	7	3	0	69	76	+ 2	— 1	29.0	—32.0		94
	Brahmanbaria																							78
	Sylhet	050	9	0	27	04	96	60	9	075	79	4	5	5	2	//	//	76	—	—	13.8	—	—	—
	Srimangal	063	3	6	00	00	96	52	3	073	//	3	4	4	5	2	79	75	— 4	0	25.1	—31.6		98
Dacca	Mymensingh	060	6	1	00	00	97	60	6	075	82	5	6	4	1	1	79	80	+ 6	+ 3	56.5	— 4.1		91
	Narayanganj	000	5	8	13	02	97	51	6	072	82	5	7	3	1	1	79	79	+ 2	0	46.2	— 0.4		74
	Dacca (Tejgaon	043	3	7	00	00	96	61	6	071	79	5	3	4	7	0	77	76	—	—	62.2	—		—
	Faridpur	015	3	8	20	07	97	07	6	044	84	6	5	5	1	0	79	77	+ 3	— 1	27.3	—17.9		71
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1	—	47.1	— 8.3		81
	Khulna	025	9	0	00	00	98	02	0	056	90	0	0	9	0	0	79	78	—	—	22.4	—24.5	—	68
	Satkhira	000	0	4	18	04	97	02	2	069	86	4	2	9	2	3	77	78	—	—	64.9	+20.8	—	65
	Jessore	000	9	7	18	05	97	03	9	064	86	4	5	4	7	0	69	80	+ 2	+ 2	59.9	+ 7.8	—	65
Rajshahi	Pabna	000	9	3	23	05	99	01	9	///	84	3	7	8	0	0	79	82	—	—	22.8	—		59
	Sirajganj	000	0	4	18	10	97	01	2	///	84	4	2	8	0	0	79	79	+ 4	+ 1	13.8	— 7.4		64
	Rajshahi	000	0	4	15	03	96	02	0	065	84	4	5	5	0	0	79	76	—	—	20.0	—		—
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—	41.5	— 6.2		69
	Dinajpur	004	0	6	23	05	96	02	2	064	84	3	4	5	7	0	81	//	+ 2	—	—	—		72
	Rangpur	140	8	7	09	07	96	61	6	077	84	6	6	0	0	0	39	76	+ 4	— 1	40.2	—18.6		84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	05	0	047	82	0	0	9	0	0	77	79	+ 2	+ 8	11.5	— 2.8	15.1	19
	Sialkot	000	0	0	00	00	98	02	0	052	76	0	0	9	8	0	66	67	+ 4	— 5	23.4	+ 0.2	26.9	22
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	045	78	0	0	9	0	0	67	67	—	—	20.0	—	24.7	—
	Islamabad	000	0	0	00	00	96	04	0	054	70	0	0	9	0	0	19	60	+ 3	— 7	32.8	+ 9.7	40.5	36
	Rawalpindi	000	0	0	09	01	97	00	0	///	67	0	0	9	0	0	//	66	—	—	9.9	—	9.4	—
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	00	97	00	0	035	78	0	0	9	0	0	69	//	+ 4	—	13.2	+ 3.2	15.2	15
	Sargodha	000	0	0	13	03	98	02	0	049	78	0	0	9	0	0	68	75	—	—	9.5	—	12.1	—
	Lyallpur	000	0	0	00	00	97	00	0	042	77	0	0	9	0	0	66	65	+ 4	— 3	7.5	— 1.6	10.0	12
Multan	Sahiwal																							10
	Multan	000	0	0	18	03	96	05	0	036	82	0	0	9	0	0	14	//	+ 2	—	4.9	+ 0.1	5.5	7
	Leiah	000	0	0	36	02	93	00	0	035	79	0	0	9	0	0	69	75	—	—	—	—	—	8
Bahawalpur	Khanpur	000	0	0	00	00	96	03	0	037	85	0	0	9	0	0	63	69	—	—	1.1	— 8.0	1.3	6
	Bahawalpur	000	0	0	00	00	96	00	0	069	86	6	0	9	2	1	//	70	—	—	0.0	— 4.2	0.3	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	8
Malakand	Chakdara	000	0	0	05	03	97	02	0	048	68	0	0	9	0	0	55	62	—	—	10.3	—	20.9	—
Peshawar	Peshawar	000	0	0	00	00	97	02	0	045	77	0	0	9	0	0	15	70	+ 1	+ 1	8.6	+ 4.4	17.1	11
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	30.3	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	068	65	0	0	9	0	0	55	62	—	—	5.9	—	8.2	11
	D. I. Khan	000	0	0	13	02	97	02	0	042	80	0	0	9	0	0	63	70	0	— 3	2.6	— 2.8	4.9	9
Quetta	Sibi																							5
	Nokkundi	000	0	0	23	02	97	02	4	///	70	0	0	9	0	0	38	64	—	—	0.0	—	0.2	2
Kalat	Turbat	000	0	0	23	02	98	00	0	077	86	0	0	9	0	0	76	80	—	—	0.0	—	0.0	—
	Jiwani	000	0	0	36	03	96	02	0	064	74	0	0	9	0	0	54	73	—	—	0.0	—	1.5	5
	Pasni																				—	—	0.0	6
	Ormara	000	0	0	27	09	96	02	0	052	79	0	0	9	0	0	79	//	—	—	0.8	— 0.0	0.8	6
	Lasbela	030	0	0	00	00	98	00	0	053	72	0	0	9	0	0	60	71	—	—	—	—	0.0	8
Karachi division	Karachi (Manora)																							8
	Karachi (Airport)	000	0	0	27	06	96	02	0	056	83	0	0	9	0	0	79	80	—	—	2.6	— 5.5	2.6	—
	Nagarparkar																				—	—	0.0	—
Hyderabad	Chhor																				—	—	4.5	7
	Hyderabad	000	0	0	00	00	97	02	0	039	91	0	0	9	0	0	14	82	+ 4	+ 7	1.9	— 4.1	2.8	9
	Badin	000	0	0	31	02	96	03	0	041	80	0	0	9	0	1	64	76	—	—	2.1	— 5.1	2.1	—
Khairpur	Padidan	000	0	0	00	00	96	02	0	034	83	0	0	9	0	0	63	76	—	—	2.2	—	2.2	—
	Nawabshah	000	0	0	00	00	96	02	0	040	86	0	0	9	0	0	62	73	—	—	0.7	—	0.7	4
	Sukkur	000	0	2	34	03	97	02	0	029	89	2	2	6	0	0	68	//	—	—	1.8	—	5.3	—
	Kashmore																				—	—	0.0	4
	Jacobabad	000	0	0	00	00	97	02	0	038	85	0	0	9	0	0	69	75	0	+ 1	2.5	— 0.3	2.8	20
Junagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg *																							26
	Sonamarg *																							3
	Dras *																							6
	Leh *																							—
	Skardu *																							—
	Minar *																							5
	Allahabad *																							59
	Gilgit *																							10
Rawalpindi	Murree *	000	0	6	09	02	97	00	0	466	65	0	0	9	0	0	48	56	+ 4	+ 2	40.9	+ 6.3	49.8	29
Malakand	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 7	—	—	—	10.3	—
Peshawar	Cherat *	000	0	0	00	03	96	00	0	477	70	0	0	9	0	0	45	62	+ 2	— 2	10.0	— 1.7	17.6	—
	Kohat *	000	0	1	23	02	97	02	0	476	79	0	0	9	0	0	45	60	—	—	31.5	—	48.6	29
	Landikotal *	000	0	1	36	02	98	02	0	469	81	0	0	9	0	0	58	60	—	—	13.1	—	22.8	13
	Parachinar *	000	0	0	00	00	98	02	0	480	70	0	0	9	0	0	32	59	+ 5	+ 3	8.9	—	16.5	11
D.I. Khan	Miranshah *	000	0	0	05	05	98	00	0	457	79	0	0	9	0	0	58	54	—	—	3.8	— 0.7	5.4	13
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—
Quetta	Fort Sandeman *	000	0	0	32	02	97	02	0	476	73	0	0	9	0	0	57	60	— 3	— 3	2.3	— 2.7	3.4	9
	Hindubagh *	000	0	0	00	00	96	02	0	498	62	0	0	9	0	0	32	54	—	—	0.4	—	2.1	—
	Loralai *																				—	—	—	14
	Barkhan *																				0.0	—	1.1	9
	Harnai *	000	0	0	00	00	96	02	0	502	65	0	0	9	0	0	28	45	—	—	1.1	— 0.2	1.1	9
	Sanjagli (Quetta) *	000	0	0	27	03	98	00	0	518	62	0	0	9	0	0	45	62	— 1	— 7	9.6	— 0.5	3.3	—
	Chaman *	000	0	0	27	05	97	02	0	538	//	0	0	9	0	0	57	60	— 6	+ 2	0.0	— 0.2	1.8	—
	Nushki *	000	0	0	00	00	96	02	0	499	91	0	0	9	0	0	57	60	—	—	0.0	—	1.1	4
	Dalbandin *	000	0	0	00	00	96	02	0	499	91	0	0	9	0	0	57	60	— 6	+ 2	0.0	— 0.3	0.7	7
Kalat	Kalat *	000	0	0	36	02	97	02	0	462	56	0	0	9	0	0	32	56	— 2	+ 17	0.0	— 1.2	0.4	—
	Khuzdar *	000	0	0	00	00	97	02	0	465	73	0	0	9	0	0	17	62	—	—	5.6	—	1.9	5
	Panjgur *	000	0	0	05	07	97	02	0	494	72	0	0	9	0	0	61	64		+ 2	0.0	—	0.2	—

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 0300 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 23rd SEPTEMBER, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99LaLaLa	QcLoLoLoLo	YYGGiw	N dd FF	VV ww W	PPP TT	NhCLhCMCH	DsVsa PP	7RR tRtR	8NsChshs	0IsTsTdTd	1TwTwTwtT	3PwPwHwHw	dwdwPwHwHw
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dumra	99 2 41	15 9 06	23 0 03	02 7 15	97 0 20	05 9 33	00 9 00	12 7 20	...	80 / 99	00 1 24	...	30 2 04	27 5 01

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 ...	00 00	003 260 06	...	500 198 43	129 116 35	584 125 27	739 195 45	971 291 60	248 507 //	...	...	...	...	...
Dacca ...														
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	002 264 60	...	400 240 66	117 110 60	585 011 //	757 141 //	968 295 //	245 411 //	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	962 204 45	...	400 281 //	098 114 //	581 061 //	753 145 //	965 267 //	248 451 //	...	...	...	...	...
Quetta ...														
Sargodha ...														

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 ...													
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 ...	155 11	510 12	251 13	275 13	...	...	...	...	...
Chaklala ...	...	275 02	245 01	205 02	215 03	260 06	275 09	310 10	260 11
Chhor ...	...	...	...	...	...	...	...	...	...
Chittagong ...	050 03	080 03	150 03	165 05	195 07	190 09	180 08	210 06	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	355 05	360 05	360 06	005 06	315 05	...	...	...	...
Dacca ...	200 05	220 10	220 11	260 10	255 12	260 17	255 15	290 15	325 14
Dalbandin ...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	170 06	160 10	160 07	135 03	070 03	340 04	315 11	270 22	265 28
Drosh ...	...	...	...	205 14	230 15	275 13	185 04	260 19	265 35
Fort Sandeman ...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...
Jessore ...	215 05	220 04	230 05	260 08	280 05	...	...	...	...
Jhelum ...	300 03	220 03	230 33	205 04	120 09	165 01	270 13	270 26	275 39
Jiwani ...	...	...	...	...	...	...	...	...	...
Karachi ...	275 05	230 02	185 04	070 06	110 09	105 06	...	...	...
Khanpur ...	300 04	305 06	305 07	330 06	340 12	010 09	340 13	320 17	315 22
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	380 06	315 05	315 06	310 07	285 07	190 14	200 06	300 11	315 13
Multan ...	210 06	195 04	195 03	045 12	020 05	280 17	280 14	265 19	290 19
Nawab Shah ...	120 03	115 02	080 01	060 01	090 01	045 08	135 03	135 02	175 03
Nokkundi ...	...	...	335 15	315 15	345 14	085 04	260 02	230 04	225 29
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	045 06	105 07	025 04	135 03	315 25	275 12	310 35	310 24
Parachinar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	305 03	260 06	220 20	250 20	255 23
Sargodha ...	195 03	205 05	220 06	305 07	340 10	260 10	250 24	260 25	270 30
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 ...	210 13	220 18	210 15	245 11	245 10	...
Chaklala ...	...	130 04	185 03	240 03	255 05	260 12
Chhor ...	330 14	335 08	060 05	090 05	035 09	025 19
Chittagong ...	238 08	225 07	110 12	---	...	...
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...	185 05	120 20	160 20	150 10	060 01	...
Dacca ...	215 09	215 08	220 11	/// //	240 19	...
Dalbandin ...	...	...	060 05	080 09	075 12	040 19
D. I. Khan ...	165 05	190 10	180 10	185 05	205 03	260 04
Drosh ...	...	...	...	285 01	340 01	065 02
Fort Sandeman ...	...	...	...	240 08	260 03	330 09
Gilgit ...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...
Jacobabad ...	290 02	315 04	/// //	265 15	190 07	265 16
Jessore ...	...	...	...	...	...	...
Jhelum ...	100 05	355 01	340 01	040 04	015 07	355 16
Jiwani ...	350 06	045 12	040 13	045 17	050 12	040 12
Karachi ...	285 12	285 15	285 15	160 08	165 15	070 12
Khanpur ...	160 12	140 13	140 13	195 14	250 21	295 25
Khuzdar ...	...	...	...	280 07	335 18	330 17
Lahore ...	315 08	305 07	300 06	300 05	290 06	325 03
Multan ...	190 15	190 13	185 11	175 10	200 07	290 07
Nawab Shah ...	290 07	295 17	250 14	230 16	175 03	060 09
Nokkundi ...	...	...	350 14	360 13	335 19	
Panjgur ...	...	...	...	350 16	355 03	005 10
Peshawar ...	...	330 03	220 01	175 06	165 08	320 04
Parachinar ...	...	...	...	295 08	250 11	...
Quetta ...	...	...	...	...	315 09	285 17
Sargodha ...	280 02	280 10	280 01	275 09	020 06	335 15
Skardu ...	...	...	...	...	...	...
Sylhet ...	185 05	270 03	195 05	250 10	270 07	...
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 ...	180 11	170 09	180 15	195 12	205 13	...	...	...	...	...	...
Chaklala ...	...	190 02	130 02	265 05	260 03	330 08	240 12	260 37	260 45	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	290 02	260 02	245 02	245 03	225 04	210 07	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	215 08	215 09	220 10	245 17	250 13	250 13	260 12	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	330 06	350 07	350 06	290 04	230 02	120 04	215 14	240 16	245 16	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	020 13	030 15	030 18	060 17	050 13	015 08	050 13	190 07	175 12	...	...
Karachi ...	265 10	315 07	315 12	325 16	260 05	090 05	035 05	060 10	260 05	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	295 04	285 04	280 05	275 06	315 05	325 08	260 16	270 25	275 31	...	...
Multan ...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	...	...	...	...	...	...	...	...	...	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	010 05	130 06	120 04	205 08	265 06	245 18	255 25	255 20	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	240 02	255 04	250 05	275 02	345 07	230 03	250 25	245 27	155 25	...	...
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

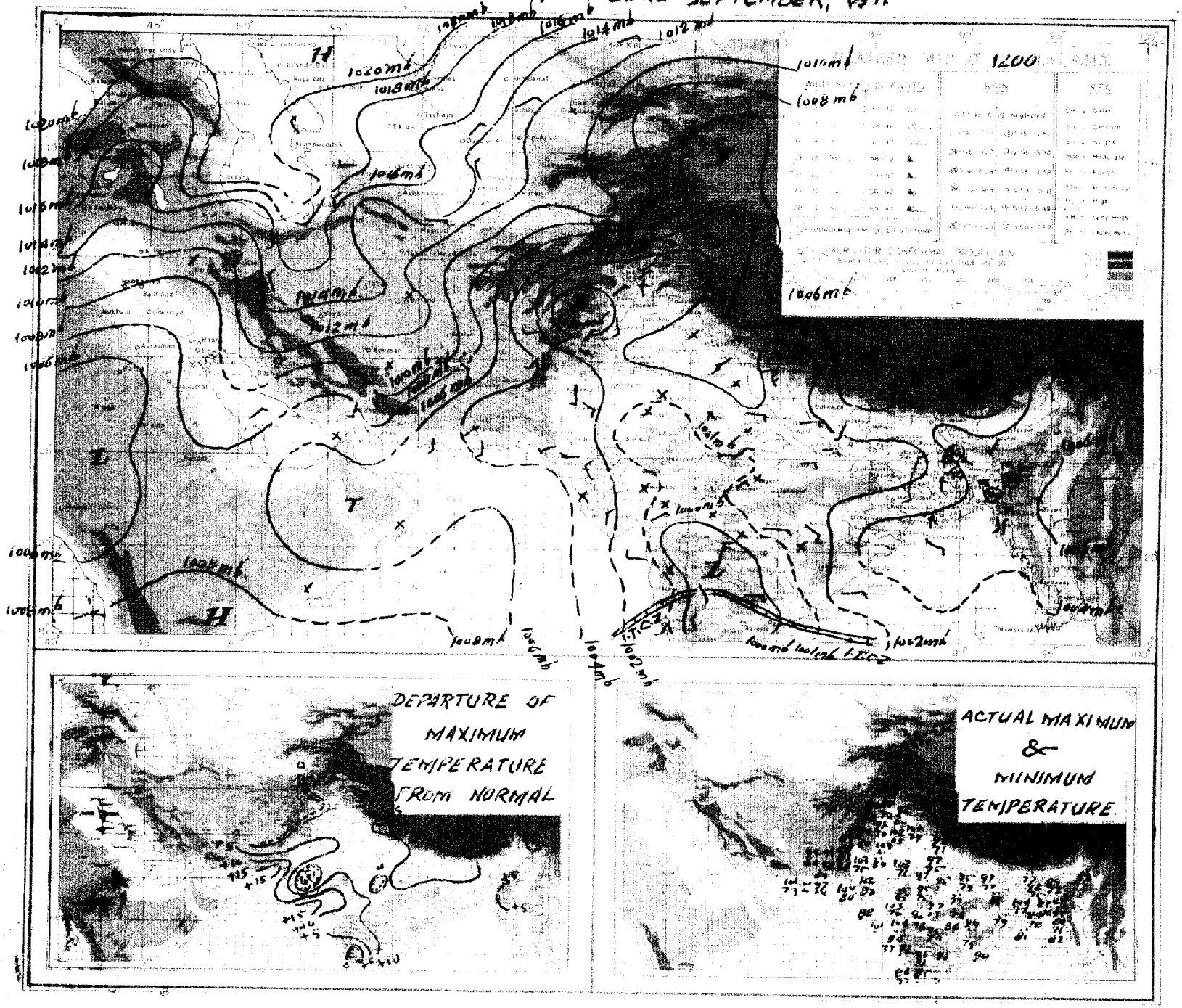
The actual time of observations may vary within half an hour of the specified time.

* The first two figures in each column give the wind direction "dd" in tens of degrees 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.

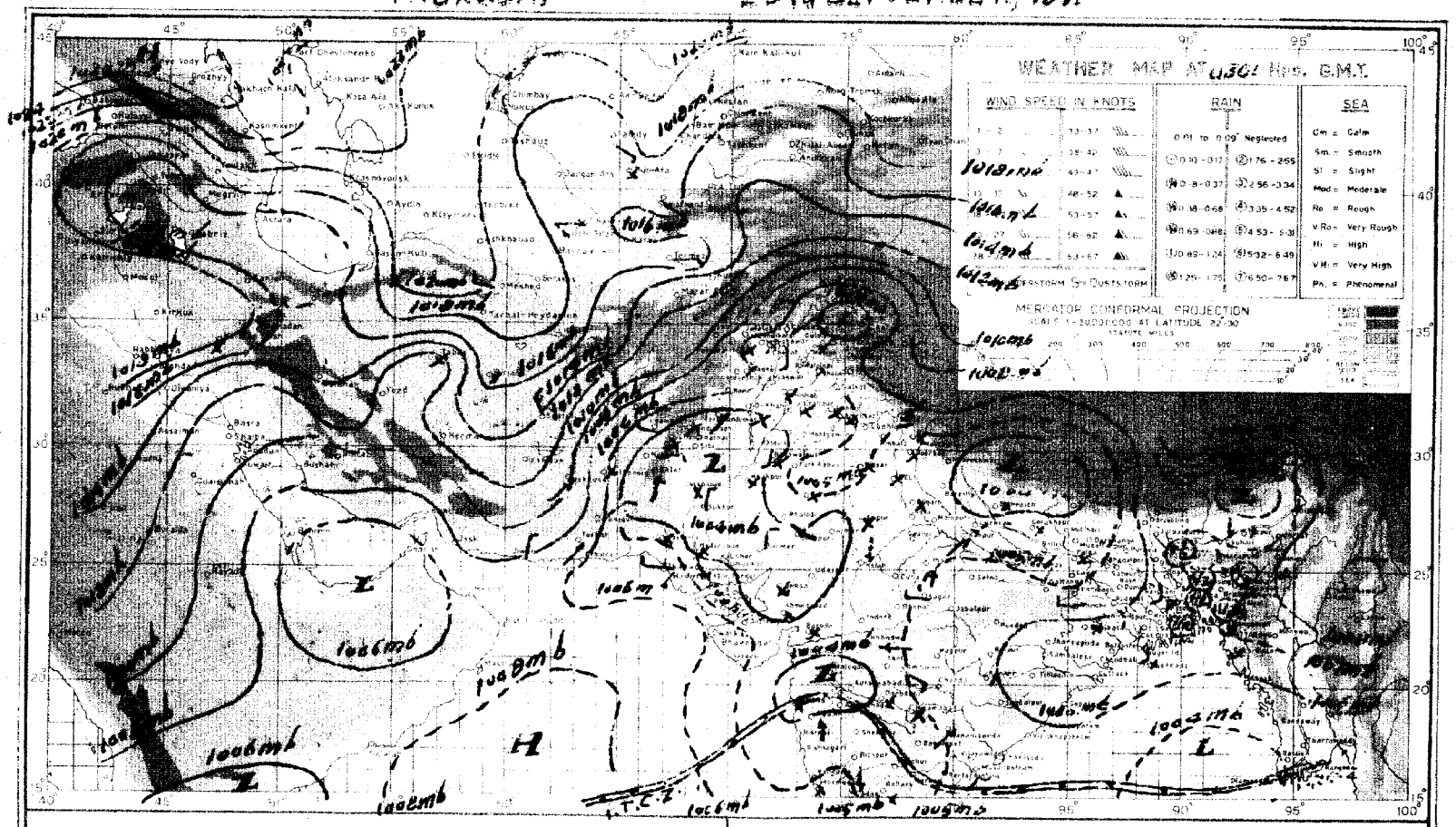
PAKISTAN DAILY WEATHER MAP

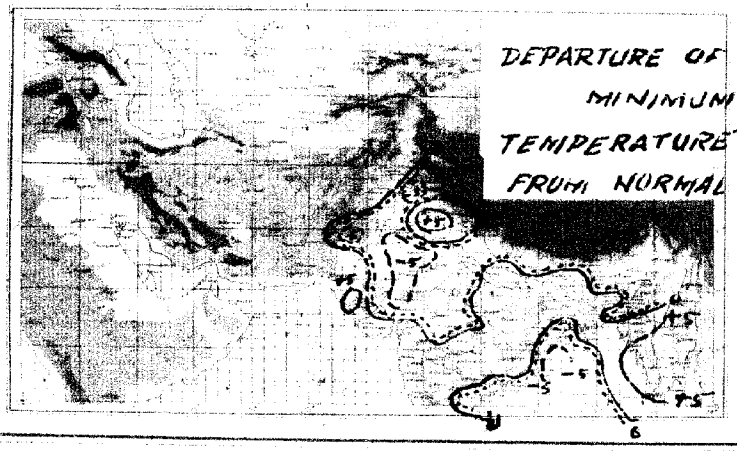
WEDNESDAY 22nd SEPTEMBER, 1971

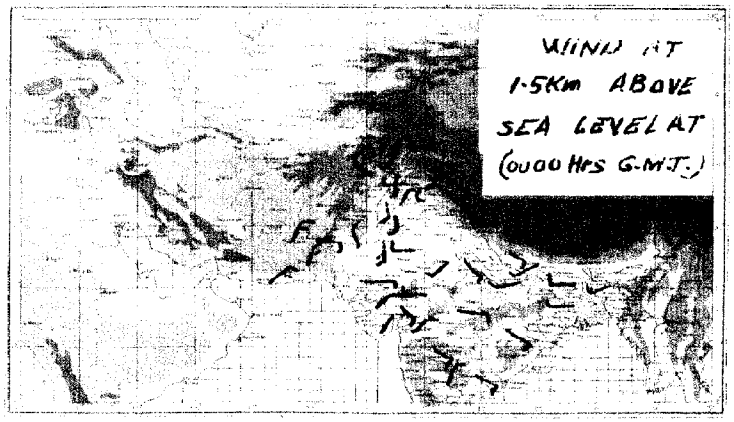


PAKISTAN DAILY WEATHER MAP

THURSDAY 23rd SEPTEMBER, 1971







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25
2 - FEB 1972
Copy

FRIDAY THE 24th SEPTEMBER, 1971.

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

Data from Orissa and Andhara coast absent but believe yesterday's low over north Andaman Sea and adjoining East central Bay of Bengal has moved slightly westwards and now lies as a well marked low with its central area near latitude 16° N and longitude 87.5 °E where a depression may form.

The low pressure area over Maharashtra coast has weakened into a trough over there.

Yesterday's low over northeast Uttar Pradesh and adjoining areas has also weakened into a trough

Rain/thundershowers have been local over Rajshahi and Dacca divisions and scattered over Chittagong division. Weather has remained dry over West Pakistan.

Chief amounts of rainfall are: Bogra 3", Mymensingh 2", Comilla ½" and Srimangal, Rangpur and Sirajganj ¼" each.

Day temperatures were 11 °F (6 °C) above normal in Karachi division and 3—7 °F (2—4 °C) so in East Pakistan and in Lahore, Rawalpindi, Malakand, Peshawar and Hyderabad divisions and were 3—8 °F (2—4 °C) below normal in Quetta and northern Kalat divisions.

Forecast valid until the evening of the 25th September, 1971 :—Local to fairly widespread rain/thundershowers with a few isolated moderately heavy to heavy falls in Dacca, Rajshahi and upper Chittagong divisions are likely to occur over East Pakistan. Weather will remain dry in West Pakistan.

Karachi-32
The 24th Septembre, 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 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 ...	000	4	4	36	02	98	01	9	053	81	2	4	6	4	3	75	91
	Cox's Bazar ...	000	0	6	00	00	95	02	2	033	88	5	3	4	2	0	77	91
	Chittagong ...	000	0	4	00	00	96	02	2	036	88	2	3	5	0	1	77	90
	Maijdee Court ...	000	0	6	23	02	97	03	0	011	90	4	2	5	7	0	79	92
	Comilla ...	053	5	1	00	00	96	01	6	030	86	1	5	6	0	0	79	88
	Brahmanbaria ...																	
	Sylhet ...	005	9	6	00	00	56	03	6	030	52	4	8	5	3	0	77	84
	Srimangal ...	020	6	3	00	00	96	01	6	033	82	0	0	5	2	5	81	90
Dacca	Mymensingh ...	015	0	5	13	02	97	02	2	029	82	5	5	5	0	0	82	94
	Narayanganj ...	000	0	3	00	00	96	02	1	034	18	1	6	6	3	1	62	91
	Dacca (Tejgaon) ...	046	9	5	00	00	97	02	6	027	84	2	3	5	4	3	79	88
	Faridpur ...	000	0	2	00	00	96	01	1	036	90	2	3	6	0	0	79	90
Khulna	Barisal ...	000	0	8	00	00	96	03	2	030	88	6	3	4	3	8	79	94
	Khulna ...	000	0	2	00	00	97	02	0	012	94	1	1	7	2	0	77	96
	Satkhira ...	000	0	6	18	04	97	03	3	030	88	4	4	9	2	1	79	94
	Jessore ...	000	0	5	27	05	96	01	2	029	88	2	1	4	4	2	81	94
Rajshahi	Pabna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj ...	000	0	4	00	00	97	02	2	019	88	4	2	6	0	0	77	90
	Rajshahi ...	000	0	7	27	03	96	02	0	015	88	6	5	5	3	1	79	96
	Bogra ...	000	0	7	18	02	96	03	2	012	88	5	5	4	3	0	69	91
	Dinajpur ...	003	1	5	00	00	96	95	2	008	84	5	3	6	/	/	70	90
	Rangpur ...	020	8	5	09	02	96	01	6	039	82	5	0	9	2	0	82	//
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	27	03	97	02	0	007	97	0	0	9	0	0	60	00
	Sialkot ...	000	0	0	27	02	58	02	0	005	96	0	0	9	0	0	61	99
Rawalpindi	Jhelum ...	000	0	0	00	00	97	02	0	996	89	0	0	9	0	0	66	02
	Islamabad ...	000	0	0	00	00	97	02	0	999	//	0	0	9	0	0	53	96
	Rawalpindi ...	000	0	0	18	01	98	00	0	///	96	0	0	9	0	0	95	98
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	0	18	10	97	02	0	004	97	0	0	9	0	0	63	03
	Sargodha ...	000	0	0	00	00	97	00	0	003	92	0	0	9	0	0	60	00
	Lyallpur ...																	
Multan	Sahiwal ...	000	0	0	18	02	97	02	0	004	98	0	0	9	0	0	55	01
	Multan ...	000	0	0	36	04	95	00	0	994	99	0	0	9	0	0	62	98
	Leiah ...																	
Bahawalpur	Khanpur ...	000	0	0	00	00	96	02	0	996	03	0	0	9	0	0	62	06
	Bahawalpur ...	000	0	0	00	00	96	00	0	995	97	0	0	9	0	0	65	03
	Fort Abbas ...																	
Malakand	Chakdara ...	000	0	0	23	07	98	02	0	000	95	0	0	9	0	0	53	96
Peshawar	Peshawar ...	000	0	//	//	//	//	//		994	92	0	0	9	0	0	69	98
	Haripur ...																	
D. I. Khan	Bannu ...	000	0	0	00	00	99	00	0	029	05	0	0	9	0	0	49	93
	D. I. Khan ...	000	0	0	.3	02	97	02	0	010	97	0	0	9	0	0	67	00
Quetta	Sibi ...																	
	Nokkundi ...	000	0	0	31	06	94	05	4	057	86	0	0	9	0	0	36	39
Kalat	Turbat ...	000	0	0	20	04	98	00	0	032	99	0	0	9	0	3	83	99
	Jiwani ...	000	0	0	18	01	97	02	0	031	99	0	0	9	0	0	29	02
	Pasni ...																	
	Ormara ...	030	0	0	27	09	96	02	0	474	96	0	0	9	0	0	59	04
	Lasbela ...	000	0	0	36	02	98	00	0	004	08	0	0	9	0	0	71	09
Karachi division	Karachi (Manora) ...																	
	Karachi (Airport) ...	000	0	0	27	09	97	01	0	010	95	0	0	9	0	1	73	01
Hyderabad	Nagarparkar ...																	
	Chhor ...	000	0	0	23	02	96	02	0	992	02	0	0	9	0	0	61	09
	Hyderabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Badin ...	000	0	0	27	03	57	02	0	009	04	0	0	9	0	0	63	07
Khairpur	Padidan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nawabshah ...	000	0	0	36	02	96	02	0	005	06	0	0	9	0	0	65	07
	Sukkur ...	000	0	2	31	05	97	02	0	076	05	2	2	6	0	0	55	09
	Kashmore ...	000	0	0	13	02	98	02	0	017	04	0	0	9	0	0	60	05
	Jacobabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	0	31	02	98	00	0	448	71	0	0	9	0	8	49	73
Malakand	Drosh * ...	000	0	3	23	10	98	02	0	429	87	3	2	7	0	0	34	91
Peshawar	Cherat * ...	000	0	0	18	07	98	00	0	459	85	0	0	9	0	0	42	87
	Kakul * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Landikotal * ...	000	0	0	18	05	98	02	0	445	87	0	0	9	0	0	74	91
	Parachinar * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	480	94	0	0	9	0	0	64	95
	Wana * ...	000	0	0	18	04	98	00	0	413	97	0	0	9	0	0	68	89
Quetta	Fort Sandeman * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hindubagh * ...	000	0	0	25	19	98	02	0	///	80	0	0	9	0	0	35	80
	Loralai * ...																	
	Barkhan * ...																	
	Harnai * ...	000	0	0	13	01	96	02	0	450	94	0	0	9	0	0	73	95
	Samungli (Quetta) * ...	000	0	0	31	03	97	02	0	474	76	0	0	9	0	0	31	79
	Chaman * ...	000	0	0	27	03	98	00	0	524	82	0	0	9	0	0	52	83
	Nushki * ...	000	0	0	31	05	97	02	0	525	85	0	0	9	0	0	39	87
	Dalbandin * ...	000	0	0	23	05	96	02	0	482	89	0	0	9	0	0	21	//
Kalat	Kalat * ...	000	0	0	31	10	91	00	2	429	75	0	0	9	0	0	50	80
	Khuzdar * ...	000	0	0	31	07	98	02	0	442	87	0	0	9	0	0	30	89
	Panjgur * ...	000	0	0	31	14	96	02	0	474	84	0	0	9	0	0	74	85

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 ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—
	Cox's Bazar ...	000	0	3	12	05	97	12	2	070	88	2	2	4	2	0	79	77	+ 4	+ 2	107.3	+ 0.5	—	140
	Chittagong ...	005	7	6	36	02	96	29	6	073	84	3	4	4	3	0	75	79	+ 3	+ 3	122.0	+47.0		108
	Maijdee Court ...	000	9	6	00	00	95	03	2	081	84	2	1	5	3	0	77	79	+ 5	+ 2	81.9	— 0.3	—	115
	Comilla ...	053	9	5	00	00	96	02	0	071	84	2	4	5	3	0	81	79	0	+ 2	29.5	—31.8		94
	Brahmanbaria ...																				—	—	—	78
	Sylhet ...	118	9	8	00	00	95	95	9	063	75	7	6	3	2	...	73	73	—	—	85.0	—	—	—
	Srimangal ...	029	0	6	00	00	96	03	2	081	77	4	5	3	3	1	75	75	— 1	0	25.4	—31.7		98
Dacca	Mymensingh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—	—	—	91
	Narayanganj ...	013	0	8	23	02	97	02	2	070	86	5	6	6	3	1	79	81	+ 3	+ 2	46.4	— 0.6		74
	Dacca (Tejgaon) ...	003	0	7	23	02	97	02	2	068	84	4	6	4	4	a	63	//	—	—	62.2	—		—
	Faridpur ...	000	0	8	20	02	96	02	2	054	82	6	5	5	1	0	77	//	+ 1	—	27.3	—18.2		71
Khulna	Barisal ...	000	0	6	24	03	91	02	2	068	86	4	4	4	3	8	77	81	+ 7	+ 7	47.1	— 8.7		81
	Khulna ...	000	0	0	00	00	97	00	0	060	86	0	0	9	0	0	79	81	—	—	22.4	—24.7		68
	Satkhira ...	000	0	4	00	00	97	02	1	060	//	4	3	9	2	1	81	79	—	—	64.9	+20.5		65
	Jessore ...	000	0	7	20	03	97	02	0	064	85	5	7	3	2	0	79	79	+ 5	+ 1	59.9	-		65
Rajshahi	Pabna ...	000	0	5	18	05	97	07	1	///	86	5	5	1	0	0	77	82	—	—	32.8	—		59
	Sirajganj ...	000	0	0	00	00	97	01	2	048	77	8	0	9	1	0	75	77	+ 3	— 1	16.1	—27.3		64
	Rajshahi ...	003	3	8	13	03	96	02	6	058	84	7	5	5	3	1	79	77	—	—	20.1	—		—
	Bogra ...	306	1	8	23	02	96	95	9	065	75	6	3	4	7	0	75	70	+ 3	— 7	44.5	— 4.5		69
	Dinajpur ...																		+ 2	—	—	—	—	72
	Rangpur ...	032	6	6	09	02	96	01	6	075	84	6	0	9	2	0	81	75	//	— 2	40.5	—18.0		84
Kashmir	Jammu ...																							—
Lahore	Lahore (Jail Rd.) ...	000	0	0	00	00	96	04	0	030	64	0	0	9	0	0	66	72	+ 2	+ 1	11.5	— 2.8	15.1	19
	Sialkot ...	000	0	0	09	03	98	02	0	043	75	0	0	9	0	0	65	67	+ 3	— 5	23.4	+ 0.2	26.9	32
Rawalpindi	Jhelum ...	000	0	0	00	00	96	05	0	030	75	0	0	9	0	0	65	66	—	—	20.0	—	24.7	—
	Islamabad ...	000	0	0	00	00	96	04	0	041	71	0	0	9	0	0	60	//	+ 3	—	32.8	+ 9.6	40.5	34
	Rawalpindi ...	000	0	0	27	01	97	00	0	///	80	0	0	9	0	0	73	64	—	—	9.9	—	9.4	—
	Campbellpur ...																				—	—	15.3	15
Sargodha	Khushab ...	000	0	0	18	02	98	04	0	028	76	0	0	9	0	0	67	67	—	—	9.5	—	12.1	—
	Sargodha ...	000	0	0	00	00	97	00	0	049	81	0	0	9	0	0	69	65	+ 2	— 3	7.5	— 1.6	10.8	12
	Lyallpur ...																							10
Multan	Sahiwal ...	000	0	0	03	05	97	02	0	014	62	0	0	9	0	0	59	72	+ 1	— 4	4.9	+ 0.1	5.5	7
	Multan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		—	—	—	8
	Leiah ...																							
Bahawalpur	Khanpur ...	000	0	0	00	00	96	02	0	016	81	0	0	9	0	0	63	69	—	—	1.1	—	1.3	6
	Bahawalpur ...	000	0	0	00	00	16	00	0	051	84	0	0	9	0	0	61	73	—	—	0.0	— 4.2	0.3	6
	Fort Abbas ...																		—	—	—	—	20.5	8
Malakand	Chakdara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4	—	8.6	—	17.1	11
Peshawar	Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			22.5		30.3	—
	Haripur ...																							
D. I. Khan	Bannu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	8.2	11
	D. I. Khan ...	000	0	0	18	02	97	02	4	025	80	0	0	9	0	0	66	71	+ 6	— 2	2.6	— 2.8	4.3	9
Quetta	Sibi ...																				—	—	—	5
	Nokkundi ...	000	0	0	31	18	93	05	4	088	99	0	0	9	0	0	36	66	—	—	0.0	—	0.2	2
Kalat	Turbat ...	000	0	0	23	02	98	00	0	051	CC	0	0	9	0	0	74	80	—	—	0.0	—	0.0	—
	Jiwani ...	000	0	0	36	10	97	02	0	052	79	0	0	9	0	0	24	76	—	—	0.0	—	1.5	5
	Pasni ...																				—	—	0.0	6
	Ormara ...	000	0	0	00	03	92	05	0	028	90	0	0	9	0	0	59	//	—	—	0.8	0.0	0.8	6
	Lasbela ...	030	0	0	00	00	98	00	0	034	74	0	0	9	0	0	69	69	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora) ...																							8
	Karachi (Airport) ...	000	0	:	00	00	96	03	0	024	77	0	0	9	0	0	70	73	—	—	2.6	— 5.5	2.8	—
Hyderabad	Nagarparkar ...																							—
	Chhor ...	000	0	0	00	00	56	02	0	013	79	0	0	9	0	0	66	73	—	—	4.5	—	4.5	9
	Hyderabad ...	030	0	3	23	02	97	03	0	018	84	0	0	9	0	1	54	81	—	+ 6	1.9	— 4.1	2.6	9
	Badin ...	000	0	2	00	00	96	02	0	017	88	0	0	9	0	0	64	73	—	—	2.1	— 5.1	2.1	—
Khairpur	Padidan ...	000	0	0	05	03	96	02	0	017	88	0	0	9	0	0	64	73	—	—	2.2	—	2.2	—
	Nawabshah ...	000	0	0	31	03	96	02	0	022	80	0	0	9	0	0	68	72	—	—	0.7	—	0.7	4
	Sukkur ...	000	0	0	00	00	96	05	0	014	62	0	0	9	0	0	63	77	—	—	1.8	—	2.2	—
	Kashmore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						4
	Jacobabad ...	000	0	0	31	00	96	02	0	021	83	0	0	9	0	0	41	77	—	+ 3	2.5	— 0.3	2.6	20
Junagadh	Veraval ...																							28
	HILL STATIONS																							—
Kashmir	Srinagar * ...																							71
	Gulmarg ** ...																							26
	Sonamarg ** ...																							3
	Dras ** ...																							6
	Leh ** ...																							—
	Skardu * ...																							—
	Misgar ** ...																							5
	Aliabad * ...																							59
	Gilgit * ...																							10
Rawalpindi	Murree * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2		—	—	49.0	29
Malakand	Drosh * ...	000	0	0	00	00	98	02	0	472	66	0	0	9	0	0	31	64	+ 5	+ 2	1.7	—	10.3	—
Peshawar	Cherat * ...	000	0	0	18	34	9.	00	0	461	72	0	0	9	0	0	48	66	— 7	+ 2	10.0	— 1.7	17.6	—
	Kakul * ...	000	0	0	36	02	98	02	0	460	72	0	0	9	0	0	51	65	—	—	31.5	—	48.4	23
	Landikotal * ...	000	0	0	36	02	98	02	0	465	68	0	0	9	0	0	58	62	—	—	13.1	—	22.8	18
	Parachinar * ...	000	0	0	00	00	98	02	0	464	76	0	0	9	0	0	29	59	—	+ 2	8.9	—	16.5	11
D.I. Khan	Miranshah * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	5.4	13
	Wana * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—
Quetta	Fort Sandeman * ...	000	0	0	00	00	97	02	0	461	71	0	0	9	0	0	30	62	—	— 1	2.3	— 2.7	3.6	9
	Hindubagh * ...	000	0	0	25	09	98	02	0	///	63	0	0	9	0	0	29	41	—	—	0.4	—	2.1	—
	Loralai * ...																				—	—	—	14
	Barkhan * ...																				—	—	1.1	9
	Harnai * ...	000	0	0	31	01	96	02	0	450	74	0	0	9	0	0	56	67	—	—	1.1	—	1.1	8
	Samungli (Quetta) * ...	000	0	0	00	00	96	02	0	475	50	0	0	9	0	0	15	43	— 5	— 9	0.6	— 0.5	3.3	—
	Chaman * ...	000	0	0	00	00	98	00	0	512	61	0	0	9	0	0	46	57	— 6	— 3	0.0	— 0.2	1.8	—
	Nushki * ...	000	0	0	07	07	95	05	0	518	68	0	0	9	0	0	23	62	—	—	0.0	—	1.1	4
	Dalbandin * ...	000	0	0	23	03	95	05	0	475	62	0	0	9	0	0	04	58	//	0	0.0	— 0.3	0.7	7
Kalat	Kalat * ...	000	0	0	18	01	91	00	2	453	53	0	0	9	0	0	35	52	— 3	+ 13	0.0	— 1.2	0.4	—
	Khuzdar * ...	000	0	0	36	04	96	05	0	448	67	0	0	9	0	0	35	65	—	—	0.6	—	1.9	5
	Panjgur * ...	000	0	0	36	05	96	02	0	481	68	0	0	9	0	0	60	65	— 8	+ 3	0.0	—	0.2	—

† 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

FRIDAY THE 24th SEPTEMBER, 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	$8N_ch_ch_s$	$O1_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
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 TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	003 256 06	...	440 196 37	204 082 44	581 479 17	751 171 56	951 331 //	235 535 //	414 693 //		...	...	...
Dacca ...	00 03	904 268 4//	...	400 178 45	082 088 40	580 057 50	731 157 //	966 273 61	267 434 //	415 753 //	276 749 //	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	998 294 35	...	480 266 //	123 130 //	568 037 //	787 115 //	965 223 //	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	961 212 57	...	400 232 57	/// 215 40	/// /// //	769 227 //	257 395 //	...	...	...	...	...	...
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

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	9.0
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 ...	199 13	195 13	210 12	240 13	245 18	265 19	255 19	...	...	Rain	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	290 06	305 07	315 03	275 03	290 14	270 08	265 37	270 21	...	340 05	330 05	315 09	270 08	210 03	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	250 03	150 02	205 05	320 06	040 03	055 06	112 08	150 15	105 09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	095 02	105 02	120 02	120 04	110 04	...	...	...	...	...	...
Cheraz ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	285 06	305 04	335 02	325 04	025 03	185 05	...	...	...	110 08	115 10	125 11	230 06	220 05	350 06	175 04	160 03	115 03	220 04	190 05	225 07	...	...	...	...	...
Dacca ...	205 05	210 06	240 11	250 15	250 15	270 15	305 10	255 15	...	250 13	250 19	250 19	...	...	...	235 03	230 08	230 12	245 10	240 12	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	255 08	270 15	295 21	290 21	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	175 03	145 09	160 09	150 09	155 11	165 04	235 10	255 16	260 21	235 07	195 10	200 14	200 10	190 07	185 10	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	230 13	220 09	185 12	185 05	275 18	255 39	...	...	...	140 01	200 11	310 01	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	345 01	330 05	325 06	315 07	310 19	300 11	305 05	245 15	255 14	320 25	315 12	310 10	280 04	190 10	190 15	340 25	350 19	340 15	270 03	215 11	225 15	215 23	...	...	...	...
Jessore ...	240 10	220 12	235 11	250 10	...	...	...	...	...	...	...	...	...	...	...	220 04	225 07	220 07	...	...	...	...	...	...	...	...
Jhelum ...	240 11	290 03	270 07	310 05	330 08	290 09	290 10	275 30	265 18	095 04	280 03	330 07	305 12	320 13	320 23	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	145 13	285 04	015 07	025 12	360 13	290 04	215 06	205 06	185 09	031 05	050 19	050 17	015 23	335 06	...	015 16	015 20	015 31	330 12	280 09	265 09	245 10	250 06	310 13	...	...
Karachi ...	280 14	285 18	270 15	245 10	295 08	035 14	045 06	110 10	095 10	...	...	...	...	...	...	345 08	340 07	335 06	315 06	270 02	105 07	105 04	220 02	220 02	...	...
Khanpur ...	315 06	315 07	420 05	310 10	300 11	295 10	185 04	220 06	230 03	330 06	330 07	325 07	305 09	310 12	205 13	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	280 03	300 06	325 13	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	330 08	335 08	/// //	310 10	305 12	305 12	325 15	335 08	325 09	290 07	290 07	275 07	200 05	305 04	335 04	/// //	/// //	/// //	/// //	...	...	...	...	...	...	...
Multan ...	145 13	145 12	150 11	165 12	175 10	145 09	360 03	135 04	225 15	170 15	160 12	155 10	225 13	235 13	170 03	145 15	160 17	/// //	190 13	220 12	260 11	165 13	210 32	215 36	...	...
Nawab Shah ...	270 05	280 03	320 11	195 03	190 01	195 03	160 05	115 04	160 04	330 14	350 19	265 06	230 03	210 03	110 04	360 05	320 03	235 03	225 06	180 06	155 06	170 08	250 09	270 07	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	340 16	345 07	355 27	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	330 08	305 06	315 04	215 02	275 04	...	020 05	335 08	330 11	340 06	250 14	190 08	270 33	255 21	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	290 15	030 03	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	280 05	245 09	245 29	245 35	245 36	...	...	...	...	290 15	350 15	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	...	...	...	...	...	...	...	...	...	245 07	250 09	265 09	260 03	255 09	305 03	290 03	255 05	245 03	200 04	205 07	225 09	220 15	240 29	420 37	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Varsvai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	330 04	315 08	...	...	...	...	...	...	...	...	...

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	14.4	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 ...	280 19	280 20	220 10	280 15	290 13	300 10	300 05	305 08	340 06	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

Cloud observation Data (Iliii 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

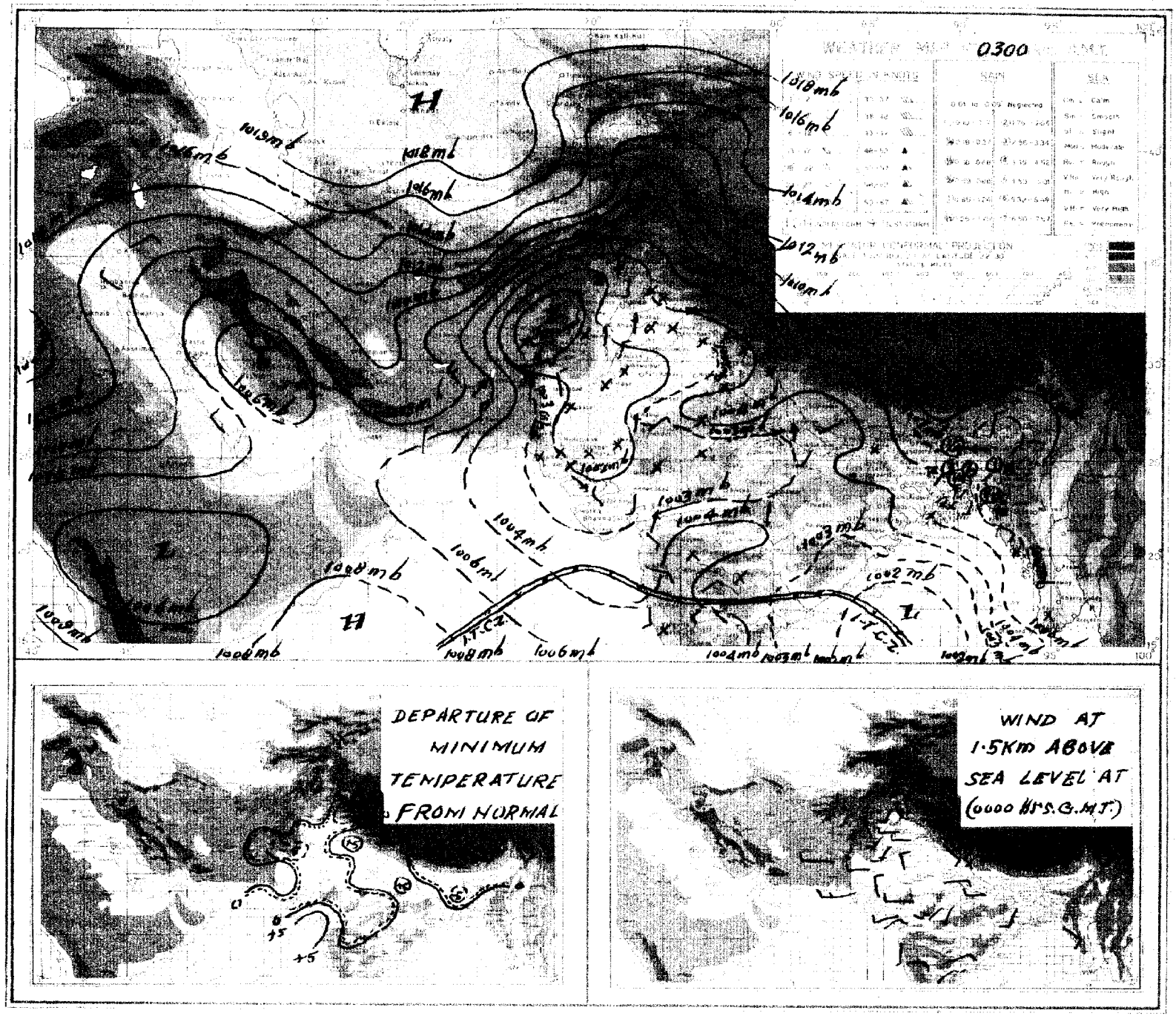
The actual time of observations may vary within half an hour of the specified time.

* 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 "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.

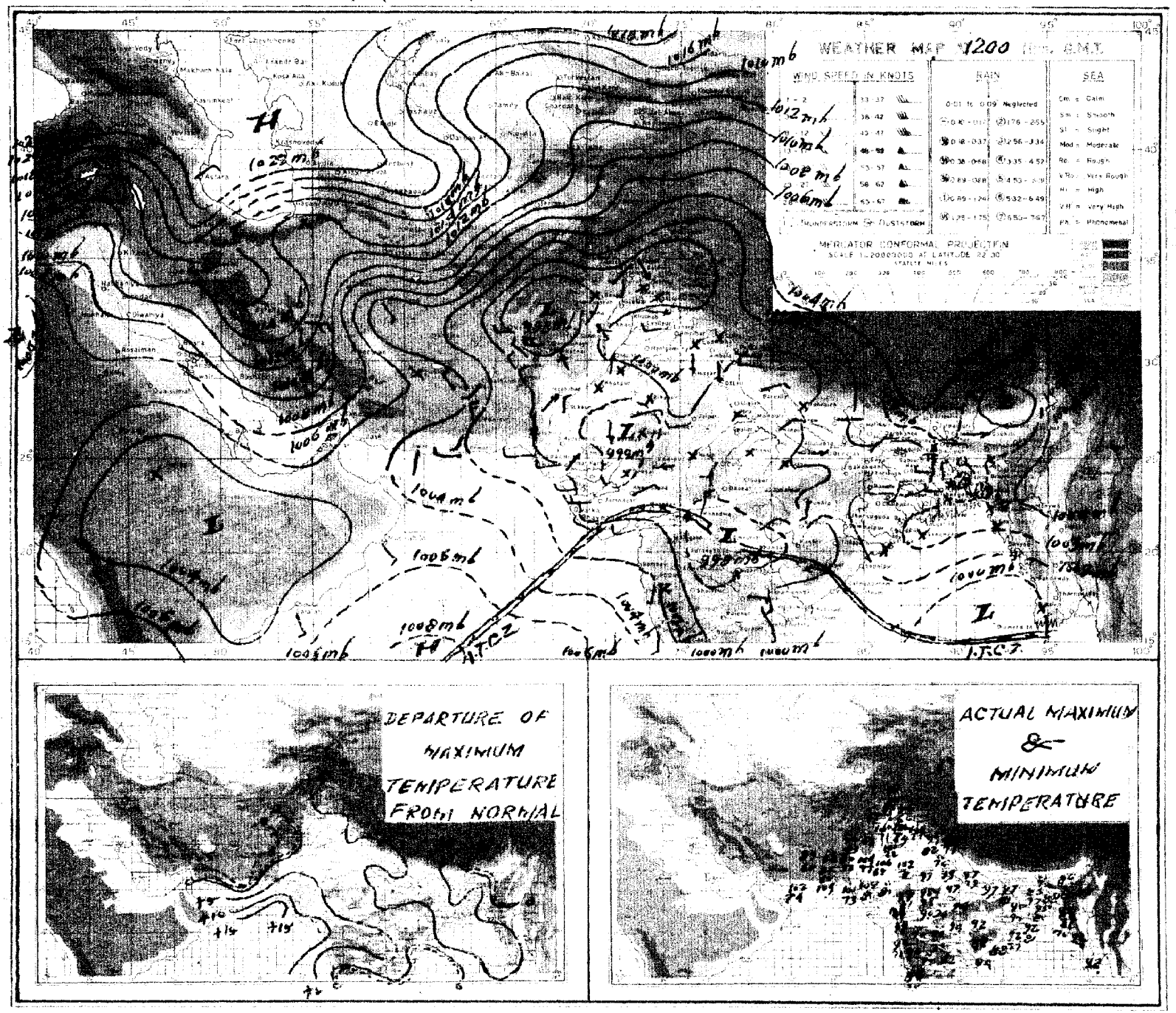
PAKISTAN DAILY WEATHER MAP

FRIDAY 24th SEPTEMBER, 1971.



PAKISTAN DAILY WEATHER MAP

THURSDAY 23rd SEPTEMBER, 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

2 - FEB 1972
Copy

SATURDAY THE 25th SEPTEMBER, 1971.

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

Data from Orissa and Andhara coast absent but believe yesterday's well marked low over west central Bay of Bengal and adjoining East central Bay has repidly moved westwards and now lies near Andhara coast with its central region near latitude 15.5° N and longitude 83° E.

Yesterday's trough off Maharashtra coast persists and is well marked.

A westerly low pressure wave is moving across East Russian Turkistan with its associated trough over northern areas of West Pakistan.

Rain/thundershowers have been local over Dacca and scattered elsewhere over East Pakistan. Weather remained dry over West Pakistan.

Chief amounts of rainfall are : Mymensingh 1½", Bogra 1", Narayanganj ½", Comilla ⅛".

Day temperatures were 17 °F (9 °C) above normal in Karachi division 9 °F (5 °C) so in Hyderabad division and 3—5 °F (2—3 °C) in Chittagong, Dacca, Khulna, Rajshahi, Lahore, Rawalpindi, Sargodha and Malakand divisions and 9 °F (5 °C) below normal in Quetta division.

Forecast valid until the evening of the 26th September, 1971 :—Scattered rain/thundershowers are likely over East Pakistan. Weather will continue to remain dry in West Pakistan and in Kashmir.

Karachi-32
The 25th Septembre, 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)	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 from † (GL)	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	0	5	00	00	96	02	2	032	79	3	3	4	3	0	76	91
	Cox's Bazar	005	9	7	00	00	96	02	9	031	84	4	4	4	2	0	79	91
	Chittagong																	
	Maijdee Court																	
	Comilla	031	7	2	00	00	96	01	6	030	86	2	5	6	0	0	81	87
	Brahmanbaria																	
	Sylhet	016	9	5	18	02	//	01	9	033	91	4	5	5	3	0	76	83
	Srimangal	000	0	2	00	00	96	01	0	037	91	0	0	6	0	4	81	94
Dacca	Mymensingh	000	0	4	00	00	97	01	2	030	84	4	5	5	0	0	81	93
	Narayanganj	000	0	3	00	00	96	01	1	027	90	1	6	6	3	1	79	91
	Dacca (Tejgaon	000	0	5	00	00	97	02	0	025	84	1	4	5	4	1	74	90
	Faridpur	000	0	0	00	00	96	00	0	047	87	0	0	9	0	0	79	90
Khulna	Barisal	000	0	5	00	00	96	02	2	028	84	2	2	5	3	4	79	91
	Khulna	000	0	2	00	00	97	02	0	020	91	1	1	4	0	0	79	75
	Sakhira	000	0	4	18	06	97	03	2	041	88	4	3	9	2	3	79	95
	Jessore	000	0	2	00	00	96	01	0	016	87	2	4	6	3	0	74	91
Rajshahi	Pabna	000	0	4	18	05	97	03	1	///	91	2	9	9	4	0	79	91
	Sirajganj	000	0	8	06	00	97	02	2	025	91	0	0	9	1	0	79	92
	Rajshahi	000	0	8	27	02	96	17	2	018	84	6	5	5	3	0	76	96
	Bogra	001	0	7	18	02	96	03	2	016	84	4	4	5	7	0	79	87
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	27	03	96	05	0	992	98	0	0	9	0	0	58	99
	Sialkot	000	0	0	27	02	98	02	0	988	96	0	0	9	0	0	63	98
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	992	97	0	0	9	0	0	71	99
	Islamabad																	
	Rawalpindi	000	0	0	00	00	97	02	0	981	92	0	0	9	0	0	55	96
	Campbellpur	000	0	0	09	00	98	00	0	///	97	0	0	9	0	0	97	99
Sargodha	Khushab	000	0	0	00	00	98	00	0	042	98	0	0	9	0	0	62	02
	Sargodha	000	0	0	27	02	97	02	0	987	97	0	0	9	0	0	61	02
	Lyallpur	000	0	0	00	00	97	00	0	985	93	0	0	9	0	0	63	01
Multan	Sahiwal																	
	Multan	000	0	0	00	00	97	02	0	989	98	0	0	9	0	0	60	01
	Leiah	000	0	0	36	02	98	00	0	948	97	0	0	9	0	0	61	97
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	976	03	0	0	9	0	0	56	05
	Bahawalpur	000	0	0	00	00	96	00	0	994	99	0	0	9	0	0	62	04
	Fort Abbas																	
Malakand	Chakdara	000	0	0	23	07	98	02	0	997	95	0	0	9	0	0	59	95
Peshawar	Peshawar	000	0	1	00	00	97	02	0	992	92	1	0	9	3	0	62	95
	Haripur																	
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	005	93	0	0	9	0	0	57	96
	D. I. Khan	000	0	0	00	00	97	02	2	994	97	0	0	9	0	0	57	99
Quetta	Sibi																	
	Nokkundi																	
Kalat	Turbat																	
	Jiwani	000	0	0	27	16	96	07	0	021	90	0	0	9	0	0	55	02
	Panjgur																	
	Ormara	000	0	0	27	09	96	02	0	996	94	0	0	9	0	0	69	00
	Lasbela	///	/	0	31	02	98	00	0	984	07	0	0	9	0	0	55	08
Karachi division	Karachi (Manora)	000	0	0	27	05	97	02	0	///	84	0	0	9	0	0	68	95
	Karachi (Airport)	000	0	0	27	07	96	02	0	918	03	0	0	9	0	0	63	07
Hyderabad	Nagarparker																	
	Chhor																	
	Hyderabad	000	0	0	05	03	97	01	0	954	04	0	0	9	0	0	63	07
	Badin																	
Khairpur	Padidan																	
	Nawabshah	000	0	0	31	03	96	01	0	988	02	0	0	9	0	0	72	05
	Sukkur																	
	Kashmore	000	0	0	18	03	98	02	0	018	05	0	0	9	0	0	55	06
	Jacobabad	000	/	/	//	//	//	05	0									
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg *																	
	Sonamarg *																	
	Dras *																	
	Leh *																	
	Skardu *																	
	Misgar *																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	27	03	98	00	0	446	70	0	0	9	0	0	50	76
Malakand	Drosh *	000	0	5	23	09	97	01	1	417	72	8	7	9	0	0	32	91
Peshawar	Cherat *																	
	Kakul *	000	/	/	//	//	//	02	0									
	Landikotal *																	
	Parachinar *																	
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	425	91	0	0	9	0	0	32	94
	Wana *																	
Quetta	Fort Sandeman *																	
	Hindubagh *	000	0	0	25	13	98	02	0	///	75	0	0	9	0	0	56	81
	Loralai *																	
	Barkhan *																	
	Harnai *																	
	Sanmagli (Quetta) *	000	0	0	27	05	97	02	0	447	75	0	0	9	0	0	23	75
	Chaman *																	
	Nushki *																	
	Dalbandin *																	
Kalat	Kalat *																	
	Khuzdar *																	
	Panjgur *																	

DIVISIONS	STATIONS	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 °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	7	09	03	96	02	2	066	83	5	4	4	4	0	75	79	+ 4	— 4	107.3	—	—	140
	Cox's Bazar	000	0	3	13	02	97	02	0	069	84	1	2	5	6	1	79	79	+ 4	+ 3	122.0	—46.5		108
	Chittagong																				—	—		115
	Maijdee Court																				—	—	—	94
	Comilla	037	9	0	00	00	96	02	0	076	90	0	0	9	0	0	79	78	— 1	+ 1	29.9	—		78
	Brahmanbaria																				—	—	—	
	Sylhet																				—	—		
	Srimangal	000	0	3	00	00	96	00	0	079	84	0	0	7	0	3	79	74	+ 3	— 1	25.4			98
Dacca	Mymensingh	165	6	7	13	02	97	02	2	081	84	7	5	4	0	0	81	79	+ 6	+ 2	58.7			91
	Narayanganj	047	0	4	23	02	97	02	3	058	89	2	6	6	3	1	79	79	+ 3	0	46.8			74
	Dacca (Tejgaon	000	0	6	00	00	97	02	2	068	89	5	6	5	3	1	79	79	—	—	62.2	—		
	Faridpur	000	0	5	16	02	97	02	2	069	90	3	3	6	1	0	79	79	+ 3	+ 1	27.3			71
Khulna	Barisal	000	0	5	15	05	97	02	2	065	90	4	4	4	4	0	79	80	+ 4	+ 2	47.1	—		81
	Khulna	000	0	2	18	05	97	02	0	055	90	0	0	9	0	0	79	80	—	—	22.4			68
	Sakhira	000	0	6	18	04	97	02	3	062	90	4	2	9	7	6	79	80	—	—	64.9			65
	Jessore	000	0	5	13	03	97	02	9	080	90	5	7	3	0	0	79	79	+ 2	+ 1	60.0			65
Rajshahi	Pabna	000	0	3	18	05	99	01	9	///	89	3	2	6	0	0	80	//	—	—	32.8	—		59
	Sirajganj	000	0	0	00	00	98	02	2	068	83	8	0	9	1	0	80	77	—	—	16.1			64
	Rajshahi	000	0	7	23	02	96	02	0	046	84	4	4	5	3	0	79	//	—	—	20.1			—
	Bogra	111	4	7	13	03	96	03	9	063	83	5	4	4	3	0	79	72	— 1	— 5	45.6			69
Kashmir	Jammu																				—	—	—	72
Lahore	Lahore (Jail Rd.)	016	9	7	13	02	94	03	2	073	83	5	5	6	2	0	79	75	+ 2	— 2	40.8			84
	Sialkot	000	0	0	00	00	96	06	0	028	81	0	0	9	0	0	72	72	+ 1	+ 1	11.5	— 2.8	15.1	19
Rawalpindi	Jhelum	000	0	0	00	00	98	02	0	035	76	0	0	9	0	0	67	69	+ 3	— 3	33.4	+ 0.1	26.9	32
	Islamabad																		—	—	—	—	24.7	—
	Rawalpindi	000	0	0	00	00	96	04	0	040	70	0	0	9	0	0	61	60	+ 3	— 7	32.8	+ 9.6	40.4	36
	Campbellpur	000	0	0	13	09	97	00	0	///	77	0	0	9	0	0	70	70	—	—	8.9	—	9.4	—
Sargodha	Khushab	000	0	0	00	00	97	00	/	024	74	0	0	9	0	0	66	//	+ 3	—	13.2	+ 3.1	15.2	15
	Sargodha	000	0	0	00	00	97	00	0	025	75	0	0	9	0	0	66	67	—	—	9.5	—	12.1	—
	Lyallpur	000	0	0	00	00	97	00	0	020	81	0	0	9	0	0	69	70	+ 3	— 2	7.5	— 1.6	10.8	12
Multan	Sahiwal																							10
	Multan	000	0	0	00	00	96	05	0	015	79	0	0	9	0	0	68	71	+ 1	— 5	4.9	+ 0.1	5.5	7
	Leiah																		—	—	—	—	—	—
Bahawalpur	Khanpur	000	0	0	05	02	96	02	0	011	84	0	0	9	0	0	61	68	—	—	1.1	— 3.8	1.3	8
	Bahawalpur	000	0	0	00	00	96	00	0	019	84	0	0	9	0	0	55	75	—	—	0.0	— 4.2	0.3	6
	Fort Abbas	///	/	0	00	00	98	00	0	965	90	0	0	9	0	0	//	90	—	—	—	—		9
Malakand	Chakdara																		—	—	—	—	20.4	—
Peshawar	Peshawar																		+ 1	—	—	—	17.1	11
	Haripur																		—	—	—	—	30.3	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	038	76	0	0	9	0	0	58	69	—	—	5.9	—	8.2	11
	D. I. Khan	000	0	0	00	00	97	02	0	024	78	0	0	9	0	0	69	72	0	— 1	2.6	— 2.8	4.3	—
Quetta	Sibi																		—	—	—	—	—	5
	Nokkundi																		—	—	—	—	0.2	2
Kalat	Turbat																		—	—	0.0	—	0.0	—
	Jiwani	030	0	0	23	02	96	00	0	048	86	0	0	9	0	0	77	84	—	—	0.0	—	1.5	5
	Panjgur	000	0	0	30	05	96	05	0	039	79	0	0	9	0	0	55	74	—	—	—	—	0.0	6
	Ormara	000	0	0	00	00	93	02	0	002	90	0	0	9	0	0	59	69	—	—	0.8	0.0	0.8	6
	Lasbela	///	/	0	00	00	98	00	0	016	70	0	0	9	0	0	47	68	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora)	000	0	0	00	00	96	02	0	011	78	0	0	9	0	0	62	72	—	—	2.6	— 5.5	2.8	8
	Karachi (Airport)																				—	—	0.0	—
Hyderabad	Nagarparker																					—	4.5	7
	Chhor																		+ 9			—	2.6	9
	Hyderabad	000	0	0	23	02	96	02	0	010	78	0	0	9	0	0	71	75	—	—	2.1	— 5.1	2.1	—
	Badin																							
Khairpur	Padidan	000	0	0	00	00	96	02	0	009	76	0	0	9	0	0	60	68	—	—	2.2	—	2.2	—
	Nawabshah	000	0	0	00	00	96	02	0	012	77	0	0	9	0	0	63	72	—	—	0.7	—	0.7	4
	Sukkur	000	0	0	00	00	95	05	0	033	80	0	0	9	0	0	67	74	—	—	1.8	—	2.2	—
	Kashmore																				—	—	0.0	4
	Jacobabad	000	0	0	36	05	97	02	0	006	76	0	0	9	0	0	69	73	—	— 3	2.5	+ 0.3	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
Rawalpindi	Murree *	000	0	0	31	05	98	00	0	459	64	0	0	9	0	0	41	57	+ 3	— 1	40.9	+ 6.8	49.0	29
Malakand	Drosh *	000	0	1	13	03	98	03	0	473	65	1	1	7	0	0	29	64	+ 5	+ 2	1.7	—	10.3	—
Peshawar	Cherat *	000	0	0	36	12	97	00	0	463	72	0	0	9	0	0	32	68	—	+ 4	10.0	— 1.7	17.6	—
	Kakul *	000	0	0	31	02	98	02	0	459	71	0	0	9	0	0	47	66	—	—	31.5	—	48.6	29
	Landikotal *	000	0	0	27	05	92	02	3	466	75	0	0	9	0	0	72	67	—	—	13.1	—	22.8	18
	Parachinar *	000	0	0	00	00	92	01	0	459	69	0	0	9	0	0	32	58	—	+ 2	8.9	—	16.5	11
D.I. Khan	Miranshah *	000	0	0	00	00	98	00	0	463	61	0	0	9	0	0	38	54	—	—	—	—	—	13
	Wana *																		—	—	—	—	—	—
Quetta	Fort Sandeman *	000	0	0	00	00	97	02	0	451	70	0	0	9	0	0	35	60	—	— 3	2.3	— 2.7	3.6	9
	Hindubagh *	000	0	0	27	05	98	02	0	///	57	0	0	9	0	0	//	35	—	—	0.4	—	2.1	—
	Loralai *																				—	—	—	14
	Barkhan *																				—	—	1.1	9
	Harnai *																				—	—	1.1	8
	Sanmagli (Quetta) *	000	0	0	31	01	96	02	0	424	74	0	0	9	0	0	58	69	—	—	1.1	—	1.1	—
	Chaman *	000	0	0	00	00	96	05	0	468	51	0	0	9	0	0	29	39	— 9	— 12	0.4	— 0.5	3.3	—
	Nushki *	000	0	0	27	03	96	00	0	496	65	0	0	9	0	0	41	58	—	— 2	0.0	— 0.3	1.8	—
	Dalbandin *	000	0	0	07	05	95	05	0	498	67	0	0	9	0	0	20	41	—	—	0.0	—	1.1	4
Kalat	Kalat *	000	0	0	36	02	95	05	0	458	63	0	0	9	0	0	16	51	—	— 7	0.0	— 0.3	0.7	7
	Khuzdar *	000	0	0	18	00	92	00	2	455	53	0	0	9	0	0	39	52	—	+ 13	0.0	— 1.2	0.4	—
	Panjgur *																				—	—	1.9	5
		000	0	0	05	03	95	05	0	451	66	0	0	9	0	0	56	62	—	0	0.0	—	0.2	—

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 0300 hrs. G.M.T of the same day

When over999 is given RRR see the remarks above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 25th SEPTEMBER, 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	$8N_sC_sh_s$	$OT_sT_sT_sT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
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 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	003 266 03	056 270 13	470 188 20	112 040 31	583 059 22	755 153 6	966 299 //	241 591 //	422 679 //	...	...	...	...
Dacca ...	00 00	004 266 10	039 258 00	425 276 33	076 074 17	578 061 58	749 161 58	961 281 60	239 499 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	998 240 57	000 000 06	460 216 67	081 128 46	582 031 77	756 195 //	969 277 //	251 425 //	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	961 216 44	000 /// //	180 220 //	064 104 //	574 103 //	745 179 //	957 275 //	238 453 //	245 577 //	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTT, DD							Max. Wind Speed	TROPOPAUSE First	Transition	Second	Transition
		18	19	20	21	22	23	24	PmPmPmdmdmfmfmfm	PcPcPcTcTcTat	dcdcfcfcfc	$P_cP_cP_cT_cT_cT_c$	dt dt ft ft ft
16	17								25	26	27	28	29
Chittagong ...	00 00	...	125 773 //										
Dacca ...	00 00	555 800 30	502 111 5/	28/ 010 05	...	...	...	...	...	...	...	...	...
Gilgit ...									...	...	...	...	...
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...	00 00	900 288 //	592 000 //	132 619 //	...	...	...	...	...	...	...	...	...
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 ...	180 11	185 12	190 12	345 10	245 12	270 09	275 11	255 10	245 04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	070 05	115 08	250 06	230 10	280 19	...	175 03	100 02	270 03	235 04	245 03	255 29	250 36	...	255 51	320 40
Chhor ...	230 06	270 07	280 05	350 04	050 07	085 10	110 06	075 06	070 09	285 03	285 11	280 10	335 04	255 02	130 07	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	270 02	070 02	095 03	030 03	185 03	290 07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	260 03	255 03	235 02	245 02	190 03	...	...	...	...	095 12	080 27	110 04	150 07	170 06	...	200 04	205 02	175 03	125 07	175 03	105 09	...	...	...	...	...
Dacca ...	250 7/	210 08	210 07	210 06	240 10	265 11	260 08	270 11	280 15	145 06	060 07	160 08	...	205 04	...	150 03	150 05	150 06	170 06	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	285 10	310 08	320 13	335 20	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	155 06	155 07	160 06	210 01	150 05	235 07	220 15	245 26	240 36	175 03	225 03	230 11	240 10	260 08	275 16	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	215 09	210 12	205 12	...	...	...	...	...	...	...	...	...	...	...	...	155 01	050 01	355 04	015 04	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	195 02	005 01	130 05	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	160 10	246 13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	325 04	325 05	330 05	340 08	325 07	305 07	260 09	255 19	...	000 18	385 13	350 12	310 08	195 15	280 12	040 09	020 11	025 11	025 07	330 07	225 15	215 18	220 16	220 27	250 19	...
Jessore ...	175 05	180 05	190 05	215 05	235 03	245 06	...	...	...	...	...	...	...	...	...	140 08	140 12	145 13	155 13	170 15	...	...	...	...	...	...
Jhelum ...	230 01	230 02	285 05	300 15	325 09	290 06	240 33	260 33	244 06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	285 13	315 08	350 09	360 14	345 13	340 19	...	...	...	015 21	005 17	005 17	005 17	...	...	010 06	010 21	010 16	...	...	...	...	...	...	...	...
Karachi ...	250 06	270 05	245 03	300 02	360 02	100 03	050 05	155 12	195 14	...	...	...	...	...	...	075 08	090 07	210 05	195 03	115 05	155 19	070 05	035 04	060 03	...	...
Khanpur ...	310 04	309 03	295 03	265 01	230 02	210 04	225 10	250 11	270 12	275 10	295 07	300 09	260 12	240 16	220 15	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	260 01	361 01	330 04	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	990 06	295 05	305 04	300 05	300 05	340 09	010 06	290 12	...	260 04	270 05	270 03	330 03	315 03	025 04	...	...	...	...	...	...	...	...	...	...	...
Multan ...	135 08	125 10	125 09	125 06	150 06	225 06	220 24	230 37	255 41	160 07	165 11	165 05	190 05	205 06	265 07	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	340 05	335 04	340 04	245 05	225 04	165 05	205 57	245 07	320 10	...	...	...	...	140 06	...	045 01	363 02	360 02	365 06	360 08	285 11	275 06	300 10	305 10	310 15	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	080 09	135 10	190 15	090 12	118 08	210 04	260 25	195 09	230 48	215 43	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	350 12	010 23	025 35	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	045 01	170 02	165 07	125 04	125 03	245 20	235 37	240 42	...	330 05	315 08	285 07	260 09	170 02	...	090 02	305 06	295 18	240 06	180 06	...	240 06	255 17	260 31	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	315 06	290 10	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	/// //	325 04	300 11	250 20	245 20	350 34	...	...	...	/// //	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	255 04	245 03	240 02	210 02	305 05	285 13	195 12	150 03	040 07	220 01	220 02	220 02	270 03	270 05	260 09	125 02	225 05	230 02	100 02	175 09	265 12	240 19	265 14	240 19	195 07	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	070 04	055 04	350 03	...	...	...	...	...	...	...	...
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 ...	275 07	275 07	265 07	205 05	150 06	150 10	030 05	060 04	330 00	330 04	030 17	050 12	...	355 27	...	...	...	...	...	...	...
Multan ...																					
Peshawar ...																					
Quetta ...																					
Sargodha ...																					

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

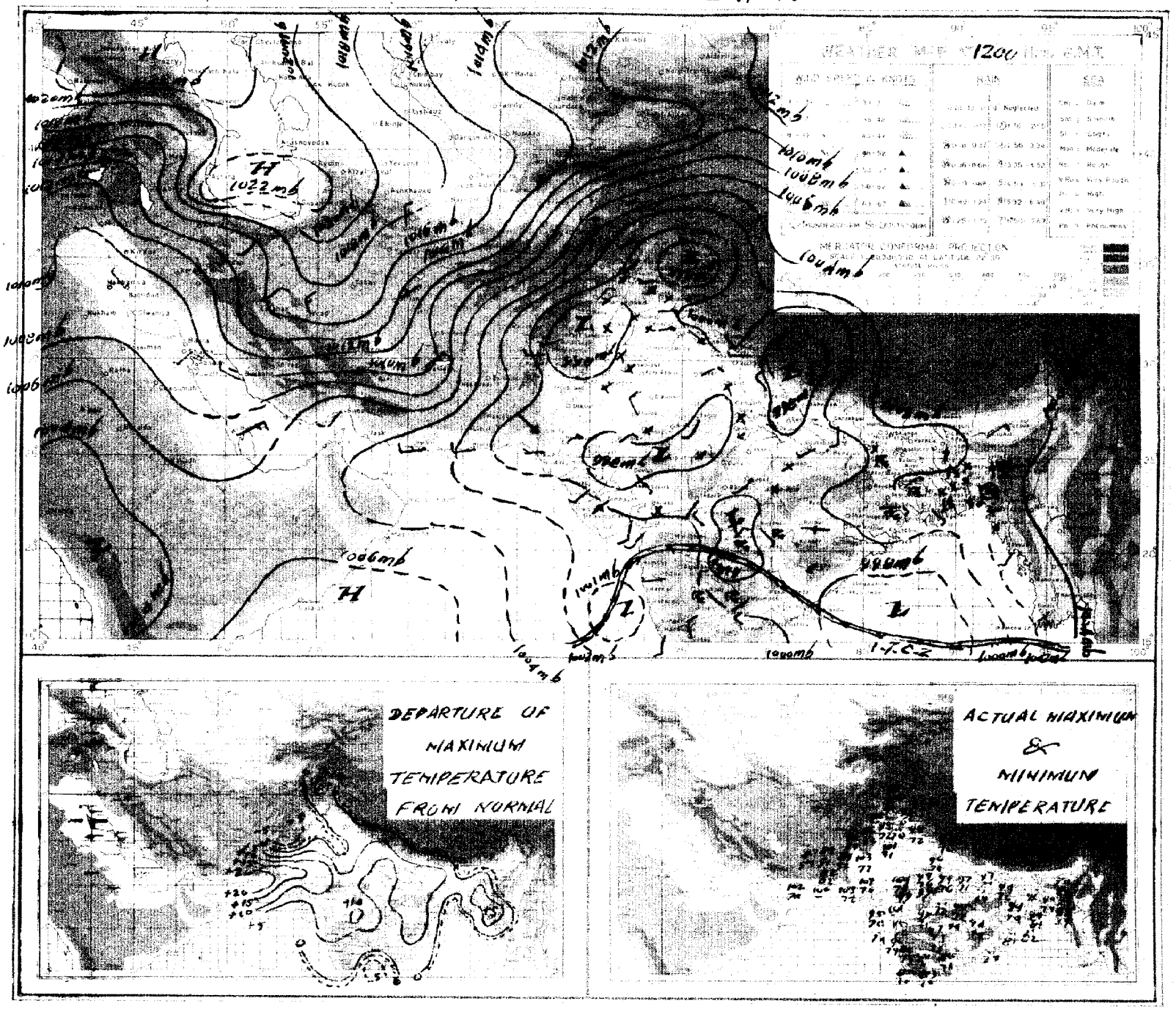
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

The actual time of observations may vary within ½ hr 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.

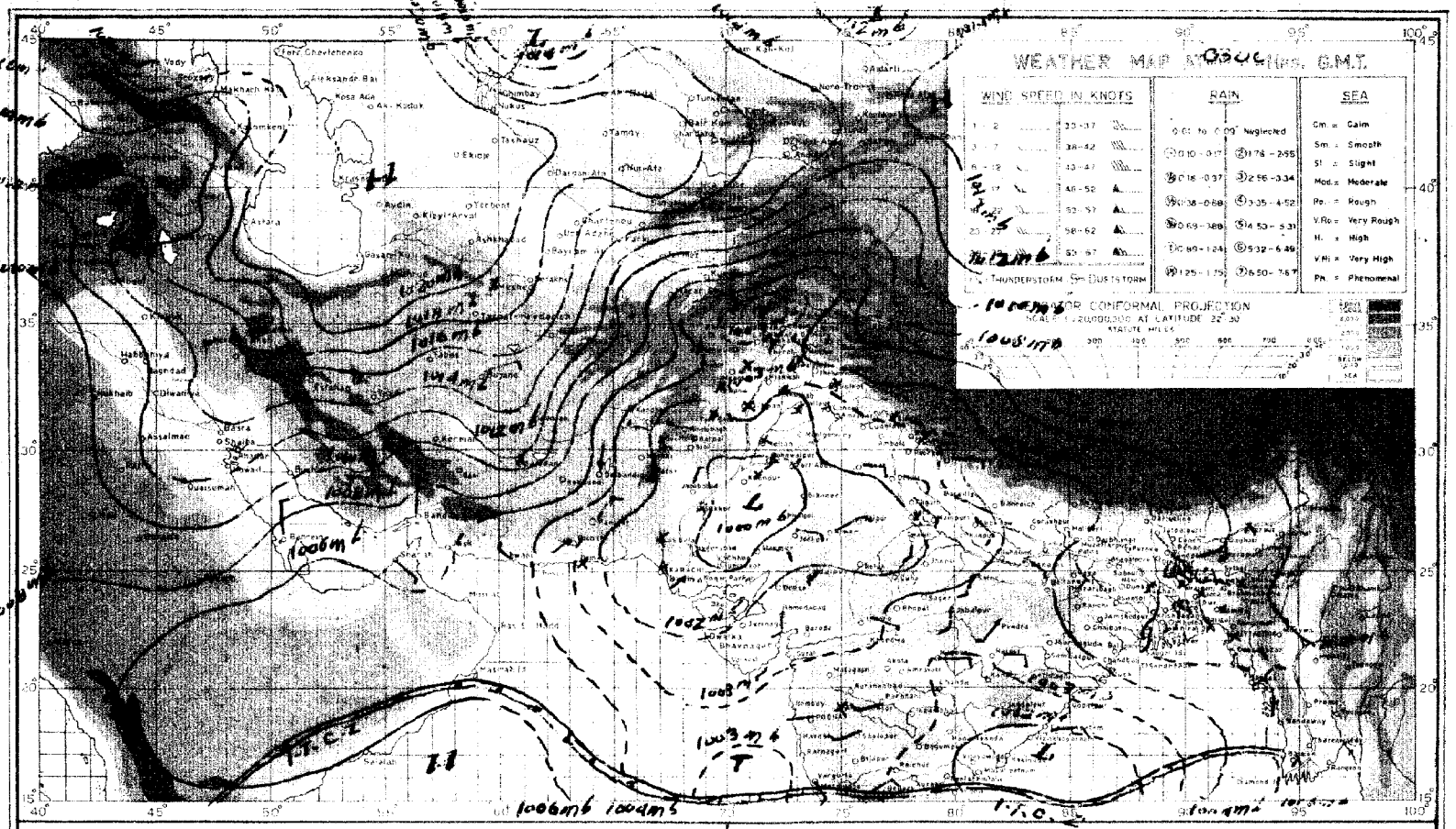
PAKISTAN DAILY WEATHER MAP

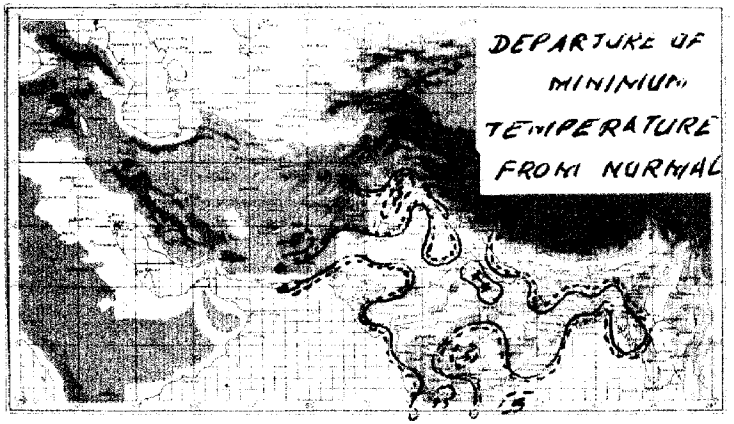
FRIDAY 24th SEPTEMBER, 1971

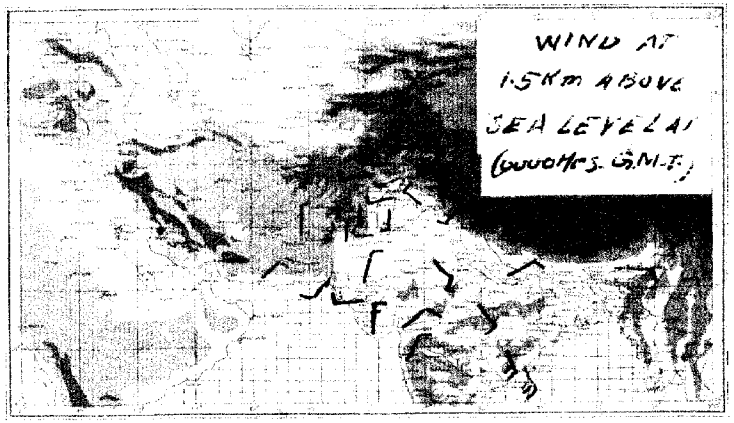


PAKISTAN DAILY WEATHER MAP

SATURDAY 25th SEPTEMBER, 1971







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PAKISTAN DAILY WEATHER REPORT

Reg. No. D-1467
Volume No. 25

2-FEB 9
Copy — 1972

SUNDAY THE 26th SEPTEMBER, 1971.

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

Observations from Andhara Pradesh and Orissa completely lacking but believe yesterday's well marked low over west central Bay of Bengal crossed Andhara coast last evening and now lies over Andhara Pradesh and adjoining areas. Trough of low persists over west central Bay of Bengal.

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

Yesterday's westerly low pressure wave over East Russian Turkistan and its associated trough over northern areas of West Pakistan and Kashmir have moved away eastwards.

A secondary western disturbance is now moving across East Russian Turkistan.

The well marked trough of low off Maharashtra coast become unimportant last evening.

A low pressure area lies over west Rajasthan and adjoining areas of West Pakistan.

Weather has remained dry over West Pakistan.

Chief amounts of rainfall are: Maijdee Court, Pabna and Bogra 1" each, Mymensingh ¾", Chittagong ½" and Dacca ¼".

Day temperatures were generally 3—8 °F (2—4 °C) above normal in East Pakistan and in Lahore, Rawalpindi, Sargodha, Malakand, Peshawar, Karachi and Hyderabad divisions and were 3—6 °F (2—3 °C) below normal in Quetta and Kalat divisions.

Forecast valid until the evening of the 27th September, 1971 :—Rain/thundershowers will be scattered over East Pakistan. Weather will be mainly dry over West Pakistan and in Kashmir.

Earth Quake Report Seismographs of the geophysical centre, Quetta have recorded an earth quake of mild intensity on 26th September, 1971 at 00 hours 14 minutes WPST with its epicentre about 130 miles southeast of Quetta near Barkhan.

Karachi-32
The 26th Septembre, 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 from †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °g	Maximum temperature °g	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 °g	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum temperature	Rainfall: Since 1st June, 1971 (cents)	Departure from normal	Since 1st January, 1971 (cents)	Annual Normal
		RRR	Wc	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	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	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	...	...	0	6	00	00	96	02	2	043	84	2	2	4	4	0	75	89	000	0	2	36	02	98	01	1	093	84	1	2	7	8	2	75	79	—	—	64.4	—	—	—
	Cox's Bazar	...	000	0	6	00	00	96	02	2	043	84	2	2	4	4	0	75	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2	—	—	—	—	140
	Chittagong	...	041	5	7	11	05	96	95	0	048	81	4	4	5	5	2	79	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4	—	—	—	—	108
	Maijdee Court	...	000	4	5	00	00	97	01	6	021	81	3	1	5	3	0	77	90	000	0	0	00	00	97	00	0	061	81	0	0	9	0	0	79	//	+ 2	//	82.9	—	—	115
	Comilla	...	000	0	4	00	00	96	03	9	043	86	4	4	7	0	0	81	92	000	0	2	00	00	96	02	0	062	86	0	0	9	3	0	79	77	+ 4	+ 1	29.9	—	—	94
	Brahmanbaria	...																																					—	—	—	78
	Sylhet	...	000	0	6	00	00	//	02	2	034	84	4	8	6	3	0	77	90	000	0	5	05	02	97	02	2	072	84	3	4	6	3	0	75	75	—	—	85.2	—		
	Srimangal	...	000	0	3	00	00	96	01	0	040	84	0	0	6	7	5	81	90	000	0	0	00	00	96	00	0	069	88	0	0	9	0	0	79	73	—	—	23.4			98
Dacca	Mymensingh	...	025	1	7	13	02	97	60	6	041	88	7	6	6	0	0	82	92	070	6	8	13	02	96	60	6	066	79	8	6	6	/	/	75	//	+ 5	//	59.4			91
	Narayanganj	...	000	0	6	09	02	96	02	2	040	84	4	6	6	3	1	//	//	000	0	4	09	02	97	02	2	069	90	2	2	4	3	/	81	12	//	+ 4	46.3			74
	Dacca (Tejgaon	...	032	8	5	00	00	97	01	9	039	84	1	4	5	0	5	79	88	033	9	5	09	02	96	02	6	070	88	5	8	5	4	0	79	79	—	—	62.5	—		—
	Faridpur	...	000	0	2	00	00	96	01	1	029	91	2	3	6	0	8	79	93	000	0	4	20	02	97	02	2	...	//	3	4	6	1	0	79	81	+ 6	+ 3	27.3			71
Khulna	Barisal	...	005	5	7	00	00	95	02	9	037	82	4	3	5	1	8	79	84	005	0	5	09	03	97	02	2	065	88	4	1	5	0	1	79	81	+ 3	+ 3	47.1			81
	Khulna	...	000	0	6	18	.5	97	02	0	025	90	3	3	4	0	0	79	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	22.4			68
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	00	00	97	02	3	062	90	4	1	9	2	6	79	81	—	—	64.9	—		65
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	092	9	3	13	05	97	02	9	067	86	3	7	4	6	0	79	75	—	—	60.0			65
Rajshahi	Pabna	...	000	0	3	15	02	97	01	1	///	90	8	9	7	0	0	81	93	105	9	3	05	02	99	03	0	//	84	3	3	6	0	0	81	77	—	—	33.9	—		59
	Sirajganj	...	000	0	8	00	00	97	02	2	034	82	8	0	9	2	0	79	90	000	0	3	00	00	98	01	1	074	88	3	1	6	0	0	81	79	+ 3	+ 2	16.1			64
	Rajshahi	...	000	0	4	09	02	96	20	0	023	88	4	4	5	0	0	79	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—			
	Bogra	...	110	4	6	00	00	96	02	9	040	79	2	5	4	3	0	75	83	110	0	6	15	02	96	03	2	060	84	3	6	4	3	0	73	73	—	5	46.7			69
	Dinajpur	...	000	4	2	00	00	96	00	6	028	81	1	0	9	1	1	77	90	000	3	3	09	01	96	01	1	078	82	3	0	9	4	1	73	77	+ 2	0	—	—		72
	Rangpur	...	008	4	5	16	02	96	01	6	034	82	5	0	9	2	0	73	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	4	—	—	—	84
Kashmir	Jammu	...																																								—
Lahore	Lahore (Jail Rd.)	...	000	0	0	27	03	97	02	0	000	95	0	0	9	0	0	62	99	000	0	0	00	00	96	05	0	052	90	0	0	9	0	0	64	72	+ 1	+ 3	11.5	— 2.9	15.1	19
	Sialkot	...	000	0	0	23	05	98	02	0	009	//	0	0	9	0	0	64	99	000	0	0	09	02	98	02	0	055	76	0	0	9	0	0	67	69	+ 4	— 1	23.4	+ 0.1	26.9	32
Rawalpindi	Jhelum	...	000	0	0	23	02	97	02	0	992	98	1	1	6	0	0	65	00	000	0	0	00	00	95	05	0	056	79	0	0	9	0	0	68	69	—	—	20.0	—	24.7	—
	Islamabad	...																																								—
	Rawalpindi	...	000	0	1	27	02	97	02	0	000	89	1	1	6	0	0	57	95	000	0	0	00	00	96	04	0	067	70	0	0	9	0	0	59	61	+ 2	— 4	32.8	+ 9.5	40.4	86
	Campbellpur	...	000	0	0	09	00	98	00	0	///	95	0	0	9	0	0	95	99	000	0	0	18	01	97	00	0	//	71	0	0	9	0	0	71	//	—	—	8.9	—	9.4	—
Sargodha	Khushab	...	000	0	0	00	00	98	00	0	039	98	0	0	9	0	0	72	02	000	0	0	00	00	97	00	0	054	83	0	0	9	0	0	64	//	+ 3	—	13.2	+ 3.1	15.2	15
	Sargodha	...	000	0	0	21	03	96	02	0	004	91	0	0	9	0	0	16	00	000	0	1	13	13	96	04	0	049	91	0	0	9	0	0	64	69	—	—	9.5	—	12.1	—
	Lyallpur	...	000	0	0	00	00	97	02	0	998	92	0	0	9	0	0	65	99	000	0	0	09	02	98	02	0	055	76	0	0	9	0	0	67	69	+ 1	— 1	7.5	— 1.6	10.8	12
Multan	Sahiwal	...																																								10
	Multan	...	000	0	0	09	03	97	02	0	997	97	0	0	9	0	0	60	00	000	0	4	13	05	98	03	0	043	83	4	0	9	3	0	59	73	—	0 — 1	4.9	+ 0.1	5.5	7
	Leiah	...	000	0	0	36	02	93	00	0	984	92	0	0	9	0	0	61	97	000	0	0	36	02	93	00	0	022	78	0	0	9	0	0	62	67	—	—	—	—	—	8
Bahawalpur	Khanpur	...	000	0	0	36	03	96	02	0	981	02	0	0	9	0	0	61	04	000	0	1	05	05	96	02	0	040	83	1	0	9	3	0	61	62	—	—	1.1	— 3.8	1.3	6
	Bahawalpur	...	000	0	0	00	00	96	06	0	003	98	0	0	9	0	0	63	02	000	0	0	00	00	96	00	0	059	85	0	0	9	0	0	79	75	—	—	0.0	— 4.2	0.3	6
	Fort Abbas	...	000	0	0	00	00	98	00	0	056	89	0	0	9	0	0	64	90	000	0	0	00	00	98	00	6	045	90	0	0	9	0	0	94	//	—	—	—	—	—	8
Malakand	Chakdara	...	000	0	0	23	12	98	02	0	100	87	0	0	9	0	0	52	93	000	0	0	00	00	97	02	0	055	68	0	0	9	0	0	54	//	—	—	10.3	—	20.4	—
Peshawar	Peshawar	...	000	0	4	05	02	96	05	0	994	93	1	9	6	3	1	44	98	000	0	0	00	00	97	02	0	055	72	0	0	9	0	0	59	67	— 1	0	9.6	+ 4.3	17.1	11
	Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	03	98	00	0	037	75	0	0	9	0	0	62	69	—	—	22.5	—	30.3	—
D. I. Khan	Bannu	...	000	0	0	16	01	99	00	0	014	94	0	0	9	0	0	42	96	000	0	0	00	00	99	00	0	060	81	0	0	9	0	0	52	67	—	—	3.9	—	8.2	11
	D. I. Khan	...	000	0	0	20	02	97	02	0	008	96	0	0	9	0	0	65	00	000	0	0	11	02	97	02	0	049	79	0	0	9	0	0	64	71	+ 1	0	2.6	— 2.8	4.3	9
Quetta	Sibi	...																																								5
	Nokkundi	...	000	0	0	31	23	95	05	4	017	59	0	0	9	0	0	36	91	000	0	0	36	24	95	05	4	075	71	0	0	9	0	0	41	61	—	—	0.0	—	0.2	2
Kalat	Turbat	...	000	0	0	11	04	98	00	0	007	03	0	0	9	0	0	80	03	000	0	0	23	02	98	00	0	///	66	0	0	9	0	0	27	84	—	—	0.0	—	0.0	—
	Jiwani	...	000	0	0	27	14	96	07	0	011	91	0	0	9	0	0	51	99	000	0	0	36	05	96	05	0	032	79	0	0	9	0	0	31	78	—	—	0.0	—	1.5	5
	Panjgur	...																																					—	—	0.0	6
	Ormara	...	000	0	0	18	07	96	02	0	984	98	0	0	9	0	0	58	01	000	0	0	00	02	96	02	0	019	78	0	0	9	0	0	62	//	—	—	0.8	0.0	0.8	6
	Lasbela	...	000	0	0	05	03	98	00	0	988	06	0	0	9	0	0	48	07	000	0	0	00	07	98	00	0	052	73	0	0	9	0	0	51	69	—	—	0.0	—	0.0	8
Karachi division	Karachi (Manora)	...																																								9
	Karachi (Airport)	...	000	0	0	23	10	96	02	0	994	91	0	0	9	0	0	66	97	000	0	0	00	00	96	02	0	025	80	0	0	9	0	0	64	74	—	—	2.6	— 5.5	2.9	—
Hyderabad	Nagarparker	...																																					—	—	0.0	—
	Chhor	...	000	0	0	23	03	96	03	0	979	01	0	0	9	0	1	59	//	000	0	0	23	05	96	02	0	017	81	0	0	9	0	0	67	73	—	—	4.5	—	4.5	7
	Hyderabad	...	000	0	5	23	12	96	01	2	967	//	5	6	5	0	0	73	//	000	0	0	00	00	96	02	0	029	85	0	0	9	0	0	53	78	//	+ 3	1.9	— 4.2	2.6	9
	Badin	...	000	0	0	27	03	98	02	0	003	03	0	0	9	0	0	56	//	000	0	1	27	03	96	03	0	025	80	0	0	9	0	9	71	77	—	—	2.1	—50.8	2.1	—
Khairpur	Padidan	...	000	0	0	31	03	96	02	0	990	99	0	0	9	0	0	45	02	000	0	0	31	02	96	02	0	026	79	0	0	9	0	0	61	70	—	—	2.2	—	2.2	7
	Nawabshah	...	000	0	0	00	00	96	02	0	994	01	0	0	9	0	0	65	05	000	0	0	00	00	96	02	0	029	78	0	0	9	0	0	61	73	—	—	0.7	—	0.7	4
	Sukkur	...	000	0	0	31	03	96	02	0	986	98	0	0	9	0	0	66	01	000	0	0	00	00	95	05	0	024	84	0	0	9	0	0	61	76	—	—	1.8	—	2.2	—
	Kashmore	...																																					—	—	0.0	4
	Jacobabad	...	000	0	0	18	02	97	02	0	990	02	0	0	9	0	0	63	04	000	0	0	09	05	97	02	0	023	84	0	0	9	0	0	57	75	+ 1	+ 3	2.5	+ 0.3	2.6	20
Junagadh	Veraval	...																																								26
	HILL STATIONS																																									—
Kashmir	Srinagar	* ...																																								71
	Gulmarg	* ...																																								26
	Sonamarg	* ...																																								3
	Dras	* ...																																								6
	Leh	* ...																																								—
	Skardu	* ...																																								—
	Mingar	* ...																																								5
	Allabad	* ...																																								99
	Gilgit	* ...																																								18
Rawalpindi	Murree	* ...	000	0	0	33	12	98	00	0	446	69	0	0	9	0	0	46	85	000	0	0	31	02	98	00	0	476	63	0	0	9	0	0	39	55	+ 12	— 2	40.9	+ 5.9	49.0	29
Malakand	Drosh	* ...	000	0	4	31	07	98	03	0	421	83	4	2	7	0	0	35	92	000	0	2	00	00	97	06	0	491	66	2	2	7	0	1	36	64	+ 6	+ 4	1.7	—	10.3	—
Peshawar	Cherat	* ...	000	0	0	18	03	98	00	0	458	84	0	0	9	0	0	45	85	000	0	0	18	07	97	00	0	498	72	0	0	9	0	0	58	69	+ 1	+ 6	10.0	— 1.7	17.6	—
	Kakul	* ...	000	0	1	31	09	97	03	0	455	75	1	1	6	3	0	43	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	48.6	29
	Landikotal	* ...	000	0	3	27	05	97	03	0	443	85	3	0	1	3	0	77	88	000	0	0	31	03	96	05	0	473	69	0	0	9	0	0	05	63	—	—	13.1	—	22.8	13
	Parachinar	* ...	000	0	3	13	03	98	02	0	447	72	3	2	6	0	0	38	80	000	0	0	00	00	96	02	0	481	69	0	0	9	0	0	30	58	+ 1	+ 3	8.9	—	16.5	11
D.I. Khan	Miranshah	* ...	000	0	0	05	05	99	00	0	455	92	0	0	9	0	0	37	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	3.8	+ 0.1	5.4	13
	Wana	* ...	000	0	0	13	04	98	00	0	428	85	0	0	9	0	0	82	88	000	0	0	00	00	98	00	0	463	65	0	0	9	0	0	46	53	—	—	—	—	—	—
Quetta	Fort Sandeman	* ...	000	0	0	23	05	97	02	0	432	85	0	0	9	0	0	19	87	000	0	0	27	02	97	02	0	471	69	0	0	9	0	0	47	64	— 5	+ 4	2.3	— 2.7	3.8	9
	Hindubagh	* ...	000	0	0	16	05	98	02	4	///	81	0	0	9	0	0	15	84	000	0	0	27	05	98	02	0	///	61	0	0	9	0	0	17	41	—	—	0.4	—	2.1	—
	Loralai	* ...																																					—	—	1.1	14
	Barkhan	* ...																																					—	—	1.1	9
	Harnai	* ...	000	0	0	13	31	96	02	0	433	92	0	0	9	0	0	42	84	000	0	0	31	01	96	02	0	452	75	0	0	9	0	0	37	70	—	—	1.1	—	1.1	8
	Sanjangi (Quetta)	* ...	000	0	0	00	00	97	02	0	443	81	0	0	9	0	0	42	82	000	0	0	00	00	96	02	0	490	58	0	0	9	0	0	34	41	— 2	— 8	0.6	— 0.8	0.6	—
	Chamen	* ...	000	0	0	27	03	98	00	0	507	86	0	0	9	0	0	52	87	000	0	0	27	03	98	00	0	496	65	0	0	9	0	0	41	58	— 2	— 9	0.0	— 0.2	1.6	—
	Nushki	* ...	000	0	0	31	03	95	05	0	497	87	0	0	9	0	0	34	88	000	0	0	07	03	95	05	0	531	70	0	0	9	0	0	21	64	—	—	0.0	—	1.1	4
	Dalbandin	* ...	000	0	0	36	05	95	05	0	470	90	0	0	9	0	0	48	92	000	0	0	05	03	95	05	0	470	63	0	0	9	0	0	15	55	— 5	— 9	0.0	— 0.3	0.7	7
Kalat	Kalat	* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	18	05	91	00	2	464	61	0	0	9	0	0	49	59	—	+ 19	0.0	— 1.2	0.8	—
	Khuzdar	* ...	000	0	0	09	05	96	02	0	419	86	0	0	9	0	0	43	88	000	0	0	00	00	96	00	0	445	71	0	0	9	0	0	30	63	—	—	1.6	—	1.9	5
	Panjgur	* ...	000	0	0	36	09	95	05	0	406	93	0	0	9	0	0	69	//	000	0	0	09	02	95	05	0	467	69	0	0	9	0	0	47	61	//	0	0.0	—	0.2	—

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 ‡

000 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 over 999 is given RRR see the summary have for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 26th SEPTEMBER, 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	$8N_sCh_sh_s$	$0 1_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
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 PoPoPoToToToDoDo	At surface and Standard Isobaric Levels hhh TTTa DD: 1000mb	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 ...														
Dacca ...	00 00	005 268 08	...	440 204 48	101 084 57	582 055 8	752 167 57	963 030 //	240 501 //	423 611 //	668 737 //	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	998 300 65	...	450 256 66	108 118 62	583 055 //	756 115 //	970 223 //	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	963 210 35	...	420 174 //	060 056 //	508 /// //	736 249 //	...	...	...	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TTTa 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

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 ...	065 06	155 03	220 07	220 08	225 09	225 05	305 11	225 13	270 16
Chaklala ...	...	305 09	300 10	265 09	300 07	090 04	350 02	335 08	315 15
Chhor ...	240 08	280 06	005 04	045 06	006 09	130 06	240 05	230 09	225 07
Chittagong ...	350 06	345 03	290 02	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	195 03	180 02	070 04	130 05	145 05	155 07	...	...	...
Dacca ...	055 08	355 02	290 05	235 06	240 10	235 05	215 14	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	230 13	220 88	210 06	310 07	295 11	270 17
Fort Sandeman ...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...
Jacobabad ...	255 05	150 05	120 06	085 06	165 06	200 12	245 12	260 19	250 19
Jessore ...	...	...	...	...	...	...	...	...	...
Jhelum ...	200 04	230 06	245 06	275 05	300 07	300 09	340 08	290 09	280 19
Jiwani ...	220 08	030 04	015 07	010 11	015 12	010 02	270 07	260 08	295 08
Karachi ...	200 13	200 16	200 17	140 11	110 14	060 20	125 06	045 10	085 08
Khanpur ...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...
Lahore ...	290 07	295 08	295 06	285 04	345 02	360 11	285 13	255 21	252 55
Multan ...	080 13	095 11	125 11	105 15	095 06	160 06	225 06	170 06	190 11
Nawab Shah ...	025 03	040 01	110 03	180 05	160 07	170 08	260 05	265 16	265 14
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	075 03	190 03	200 07	250 05	335 04	285 15	265 22	270 28
Parachinar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	075 02	360 03	265 12	295 01	280 13
Sargodha ...	245 04	220 01	215 07	120 01	210 04	310 09	295 20	265 31	165 35
Skardu ...	...	...	...	...	...	...	...	...	...
Sylhet ...	305 08	310 07	305 10	275 10	...	...	...	...	...
Varaval ...	...	...	...	...	...	...	...	...	...

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 ...	130 05	160 05	145 03	...	...	...
Chaklala ...	...	205 03	215 03	245 05	270 09	330 11
Chhor ...	325 16	330 16	315 16	345 10	340 07	050 09
Chittagong ...	035 08	035 04	050 02	095 02	120 03	125 04
Cherat ...	...	...	...	...	...	...
Cox's Bazar ...	030 08	025 10	355 09	115 05	145 07	160 06
Dacca ...	090 06	125 04	125 04	...	...	...
Dalbandin ...	...	...	060 07	030 06	055 13	045 19
D. I. Khan ...	160 07	170 09	180 09	190 06	195 03	295 04
Drosh ...	...	...	...	235 01	230 03	220 03
Fort Sandeman ...	...	...	...	135 03	235 13	355 21
Gilgit ...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...
Jacobabad ...	080 13	080 08	020 08	020 08	020 09	225 09
Jessore ...	...	...	...	...	...	...
Jhelum ...	060 03	100 04	035 03	310 09	310 15	310 10
Jiwani ...	005 10	015 14	035 16	055 13	065 10	105 17
Karachi ...	285 09	285 06	170 05	170 06	200 08	135 15
Khanpur ...	005 14	355 13	335 17	320 19	295 14	285 11
Khuzdar ...	...	...	...	290 04	310 07	325 12
Lahore ...	050 06	140 07	140 06	200 04	265 04	155 06
Multan ...	...	...	...	...	...	...
Nawab Shah ...	350 08	350 09	355 09	040 07	070 10	105 06
Nokkundi ...	No	Ascent	...	...	...	...
Panjgur ...	...	...	...	355 12	030 17	055 16
Peshawar ...	...	300 04	330 05	335 09	290 09	265 08
Parachinar ...	...	...	...	155 01	050 03	...
Quetta ...	...	...	...	...	015 02	350 01
Sargodha ...	025 05	225 02	320 02	005 02	010 02	275 10
Skardu ...	...	...	...	...	...	...
Sylhet ...	025 02	310 01	265 03	280 03	280 05	250 05
Varaval ...	...	...	...	...	...	...

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 ...	...	175 05	/// //	170 04	190 01	315 01	220 06	210 07	210 13	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	010 04	350 03	340 03	360 03	010 04	075 05	135 03	130 06	100 07	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	225 02	270 01	025 02	042 08	085 07	155 08	160 12	...	...	...	...
Dacca ...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	075 09	070 10	065 10	020 06	290 02	205 08	275 06	275 15	305 19	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	085 05	075 06	100 05	115 10	120 14	130 09	300 06	290 04	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	025 02	070 01	130 01	210 01	150 01	355 04	360 09	355 17	...	...	...
Multan ...	155 15	150 12	145 17	135 26	100 10	040 10	030 11	295 13	160 11	...	...
Nawab Shah ...	355 09	015 08	030 08	060 11	095 07	130 04	315 05	295 05	320 09	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	255 05	330 06	320 05	240 04	240 12	265 13	290 12	280 22	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	045 02	210 04	205 05	150 02	115 01	290 06	335 12	270 17	275 22	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	255 01	280 03	300 05	...	...	...	...	...	...	...	...
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 ...																					
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.

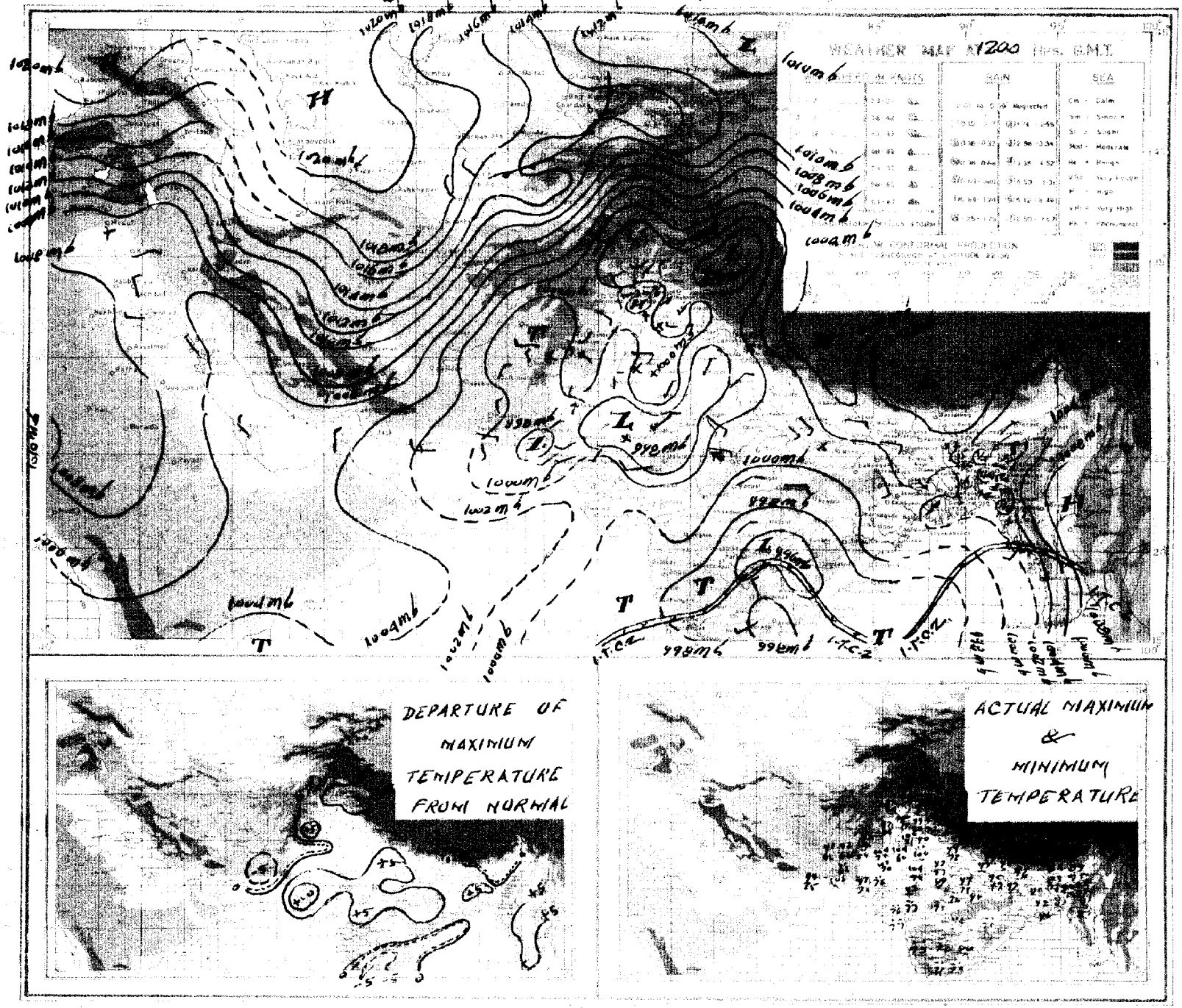
The actual time of observations may vary within half an hour of the specified time.

* 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

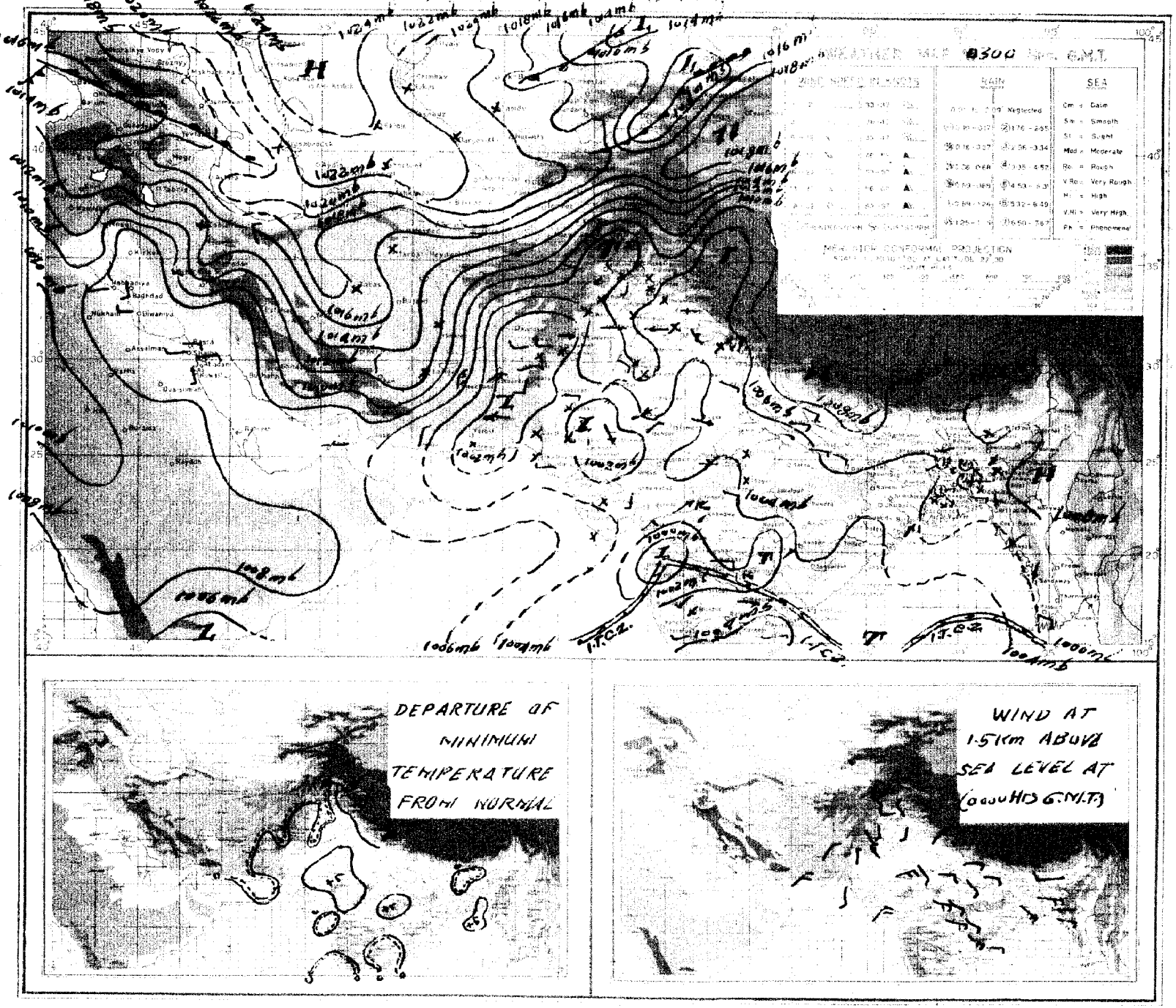
PAKISTAN DAILY WEATHER MAP

SATURDAY 25th SEPTEMBER, 1971



PAKISTAN DAILY WEATHER MAP

SUNDAY 26th SEPTEMBER, 1971



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

2-FEB 1972 Copy

MONDAY THE 27th SEPTEMBER, 1971.

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

Yesterday's well marked low which according to Essa-8 observations lay as a land depression over Maharashtra was centred last evening near latitude 19 °N and longitude 75.5 °E. It has apparently moved northnortheast-wards and is centred at 27,0300 GMT near latitude 20 °N and longitude 72.5 °E. It is likely to continue moving in the same direction and weaken.

The trough of low over west central Bay of Bengal has rapidly moved inland westnorthwest-wards.

Observations lacking but believe on easterly low pressure area has now moved into central and adjoining north Bay of Bengal.

Yesterday's low pressure area over west Rajasthan and adjoining areas which became well marked last evening now extends upto Kutch.

The secondary western disturbance over East Russian Turkistan has moved away eastwards.

Rain/thundershowers have been local in Dacca and Rajshahi divisions and scattered elsewhere over East Pakistan.

Weather remained dry in West Pakistan.

Chief amounts of rainfall are : Pabna 1⅓", Satkhira and Rangpur ½" each and Comilla and Faridpur ½" each.

Day temperatures were 3 – 8 °F (2—4 °C) above normal in East Pakistan and in Rawalpindi, Malakand, Peshawar, Karachi and Hyderabad divisions and were to the same extent below normal in western Quetta and northern Kalat divisions.

Forecast valid until the evening of the 28th September, 1971 :—Rain/thundershowers will be scattered over East Pakistan. Isolated dust/thunderstorms may also occur in Hyderabad and Khairpur divisions. Weather will be mainly dry elsewhere over West Pakistan and in Kashmir.

Earth Quake Report The seismographs of the geophysical centre, Quetta have recorded an earth quake of mild intensity on 26th September, 1971 at 09 hours 22 minutes WPST with its epicentre about 100 miles east of Quetta near Duki in Baluchistan.

Karachi-32
The 27th Septembre, 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 form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	1	6	00	00	98	02	9	046	88	3	4	6	2	6	77	94
	Cox's Bazar ...	000	0	6	22	07	96	02	2	037	88	4	4	4	3	0	75	92
	Chittagong ...	000	0	6	11	03	96	17	4	042	84	3	3	5	3	0	73	94
	Maijdee Court ...	000	0	5	27	05	97	03	0	021	88	3	2	5	3	0	77	91
	Comilla ...	032	2	0	00	00	96	03	6	019	84	7	4	4	0	0	81	91
	Brahmanbaria ...																	
	Sylhet ...	000	0	5	00	00	//	01	2	027	86	4	8	6	3	0	75	91
	Srimangal ...	000	0	3	00	00	96	02	0	031	81	0	0	5	2	5	81	91
Dacca	Mymensingh ...	000	0	4	00	00	97	01	2	067	90	4	5	6	0	0	79	94
	Narayanganj ...	000	0	8	31	02	96	02	2	029	90	4	6	6	3	1	79	95
	Dacca (Tejgaon) ...	002	2	6	00	00	96	02	6	033	82	2	2	6	3	4	79	91
	Faridpur ...	036	3	7	00	00	96	02	9	027	86	5	4	5	1	0	79	//
Khulna	Barisal ...	000	0	8	18	14	96	95	9	036	84	6	3	4	2	8	75	91
	Khulna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore ...																	
Rajshahi	Pabna ...	000	3	4	09	02	97	03	9	///	82	2	3	6	0	3	79	90
	Sirajganj ...	000	0	2	06	00	96	01	1	039	88	2	1	6	0	0	77	91
	Rajshahi ...	061	8	6	09	02	96	01	9	029	82	4	4	5	3	1	79	96
	Bogra ...	006	3	7	00	00	96	02	5	031	81	5	4	4	3	0	77	88
	Dinajpur ...	000	9	6	00	00	96	02	2	///	//	6	5	6	/	/	77	88
	Rangpur ...	040	8	6	09	02	96	01	9	020	82	6	0	9	2	0	79	89
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	31	03	96	05	0	011	96	0	0	9	0	0	61	00
	Sialkot ...	000	0	0	00	00	98	02	0	017	97	0	0	9	0	0	62	99
Rawalpindi	Jhelum ...	000	0	1	23	03	96	02	0	004	96	0	0	9	3	0	66	00
	Islamabad ...																	
	Rawalpindi ...	000	0	0	31	03	97	01	0	096	93	0	0	9	0	0	63	96
	Campbellpur ...	000	0	0	05	01	98	00	0	///	95	0	0	9	0	0	95	99
Sargodha	Khushab ...	000	0	0	00	00	98	00	0	011	99	0	0	9	0	0	52	02
	Sargodha ...	000	0	0	20	03	97	02	0	011	95	0	0	9	0	0	64	01
	Lyallpur ...	000	0	0	00	00	97	00	0	017	92	0	0	9	0	0	62	00
Multan	Sahiwal ...																	
	Multan ...	000	0	0	00	00	97	02	0	013	96	0	0	9	0	0	58	90
	Leiah ...	000	0	0	36	02	93	00	0	978	96	0	0	9	0	0	61	//
Bahawalpur	Khanpur ...	000	0	0	36	03	96	02	0	990	99	0	0	9	0	0	56	05
	Bahawalpur ...	000	0	0	00	00	96	00	0	956	98	0	0	9	0	0	63	02
	Fort Abbas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malakand	Chakdara ...	000	0	0	23	05	98	02	0	///	93	0	0	9	0	0	54	94
Peshawar	Peshawar ...	000	0	0	05	02	97	02	0	001	93	0	0	9	0	0	60	95
	Haripur ...	000	0	0	05	03	98	00	0	037	75	0	0	9	0	0	62	//
D. I. Khan	Bannu ...	000	0	0	13	01	99	00	0	020	94	0	0	9	0	0	54	95
	D. I. Khan ...	000	0	0	18	02	97	02	0	013	95	0	0	9	0	0	65	97
Quetta	Sibi ...																	
	Nokkundi ...	000	0	0	36	03	95	05	4	026	90	0	0	9	0	0	44	92
Kalat	Turbat ...	000	0	0	11	04	98	00	0	007	03	0	0	9	0	0	30	03
	Jiwani ...	000	0	0	18	16	96	05	0	015	93	0	0	9	0	0	52	01
	Pasni ...																	
	Ormara ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lasbela ...	000	0	2	23	02	98	00	0	991	08	0	0	9	0	0	56	08
Karachi division	Karachi (Manora) ...																	
	Karachi (Airport) ...	000	0	1	27	07	96	02	0	001	93	0	0	9	0	1	65	01
Hyderabad	Nagarparker ...																	
	Chhor ...	000	0	6	23	05	96	03	2	978	01	4	2	6	3	0	63	08
	Hyderabad ...	000	0	0	31	05	97	02	0	992	03	0	0	9	0	0	54	07
	Badin ...	000	0	1	31	02	97	03	0	993	03	1	0	9	4	0	63	06
Khairpur	Padidan ...	000	0	0	31	05	96	02	0	997	99	0	0	9	0	0	59	02
	Nawabshah ...																	
	Sukkur ...	000	0	0	02	06	96	02	0	994	98	0	0	9	0	0	74	01
	Kashmore ...	000	0	0	18	03	98	02	0	993	05	0	0	9	0	0	59	06
	Jacobabad ...	000	0	0	09	04	97	02	0	003	01	0	0	9	0	0	62	03
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	0	31	02	98	00	0	441	69	0	0	9	0	0	49	74
Malakand	Drosh * ...	000	0	7	20	05	96	06	1	430	83	5	8	7	1	2	31	97
Peshawar	Cherat * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kakul * ...	000	0	0	05	03	98	02	0	460	79	0	0	9	0	0	49	84
	Landikotal * ...	000	0	0	18	05	98	02	0	463	85	0	0	9	0	0	81	81
	Parachinar * ...	000	0	1	16	05	98	02	0	457	77	1	1	6	0	0	68	82
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	454	90	0	0	9	0	0	49	91
	Wana * ...																	
Quetta	Fort Sandeman * ...	000	0	0	09	03	96	02	0	442	85	0	0	9	0	0	29	88
	Hindubagh * ...	000	0	0	27	09	98	02	0	///	82	0	0	9	0	0	24	87
	Loralai * ...																	
	Barkhan * ...																	
	Harnai * ...	000	0	0	13	01	96	02	0	449	92	0	0	5	0	0	50	95
	Samungli (Quetta) * ...	000	0	0	00	00	96	02	0	451	82	0	0	9	0	0	44	83
	Chaman * ...	000	0	0	27	05	96	00	0	507	86	0	0	9	0	0	37	87
	Nushki * ...	000	0	0	31	05	95	05	0	508	89	0	0	9	0	0	35	90
	Dalbandin * ...	000	0	0	05	05	95	05	0	479	90	0	0	9	0	0	11	92
Kalat	Kalat * ...	000	0	0	36	01	91	00	2	431	74	0	0	9	0	0	41	77
	Khuzdar * ...	000	0	2	13	05	91	03	0	432	88	2	0	9	3	0	45	90
	Panjgur * ...	000	0	0	36	12	98	05	0	462	87	0	0	9	0	0	73	86

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	000	0	5	00	00	96	02	2	060	88	3	3	4	3	0	77	79
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Maijdee Court	000	0	3	05	02	97	01	0	061	88	0	0	9	3	0	75	82
	Comilla	032	7	0	00	00	96	02	0	061	86	0	0	9	0	0	75	75
	Brahmanbaria																	
	Sylhet	000	0	6	09	05	96	01	2	069	84	4	5	5	3	0	77	79
	Srimangal	000	0	3	00	00	96	02	0	063	84	0	0	5	2	2	77	75
Dacca	Mymensingh	000	0	2	00	00	97	01	1	069	84	2	5	6	0	0	79	79
	Narayanganj	000	0	3	09	02	97	02	1	064	90	1	6	6	3	1	79	81
	Dacca (Tejgaon)	012	9	5	00	00	97	01	6	063	84	1	0	9	4	6	75	79
	Faridpur	036	0	7	20	02	97	01	1	066	86	2	4	6	0	0	81	81
Khulna	Barisal	110	9	6	09	05	97	02	9	062	84	4	3	5	0	4	81	77
	Khulna	000	0	2	18	05	97	02	0	063	86	0	2	4	0	0	81	79
	Satkhira	043	2	3	00	00	97	02	1	060	86	4	2	9	2	5	79	79
	Jessore																	
Rajshahi	Pabna	127	9	2	05	02	99	01	9	///	68	0	0	9	0	1	81	79
	Sirajganj	000	0	9	00	00	98	00	0	069	88	0	0	9	0	0	81	79
	Rajshahi	000	0	2	09	02	96	02	0	060	84	2	4	5	0	0	79	75
	Bogra	006	0	3	00	00	96	01	1	070	84	2	5	5	3	0	77	75
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	31	02	96	05	0	056	83	0	0	9	0	0	51	73
	Sialkot	000	0	0	09	02	98	02	0	066	71	0	0	9	0	0	66	69
Rawalpindi	Jhelum	000	0	0	00	00	96	05	0	053	77	0	0	9	0	0	64	65
	Islamabad																	
	Rawalpindi	000	0	0	09	03	96	04	0	062	74	0	0	9	0	0	54	62
	Campbellpur	000	0	0	05	01	97	00	0	///	70	0	0	9	0	0	70	65
Sargodha	Khushab	000	0	0	00	00	97	00	0	066	82	0	0	9	0	0	67	//
	Sargodha	000	0	0	00	00	96	04	0	049	79	0	0	9	0	0	67	68
	Lyallpur	000	0	0	00	00	97	00	0	047	81	0	0	9	0	0	67	72
Multan	Sahiwal																	
	Multan	000	0	0	00	00	97	02	0	048	81	4	0	9	0	0	64	74
	Leiah	000	0	0	36	04	93	00	0	023	78	0	0	9	0	0	65	78
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur	000	0	0	00	00	96	06	0	050	84	0	0	9	0	0	63	//
	Fort Abbas	000	0	0	00	00	98	00	0	078	94	0	0	9	0	0	83	90
Malakand	Chakdara	000	0	0	05	07	97	02	0	051	68	0	0	9	0	0	54	64
Peshawar	Peshawar	000	0	0	00	00	96	05	0	056	71	0	0	9	0	0	56	69
	Haripur	000	0	0	05	03	98	00	0	042	74	0	0	9	0	0	60	66
D. I. Khan	Bannu	000	0	0	00	00	99	06	0	068	70	0	0	9	0	0	51	70
	D. I. Khan	000	0	0	13	02	97	02	0	051	79	0	0	9	0	0	65	71
Quetta	Sibi																	
	Nokkundi	000	0	0	09	05	96	02	4	065	72	0	0	9	0	0	49	//
Kalat	Turbat	000	0	0	23	02	93	02	0	048	6	0	0	9	0	0	77	84
	Jiwani	000	0	0	36	05	96	05	0	042	79	0	0	9	0	0	35	77
	Pasni																	
	Ormara	000	0	0	27	03	96	02	0	018	81	0	0	9	0	0	75	//
	Lasbela	000	0	2	00	00	98	00	0	043	72	0	0	9	0	0	60	71
Karachi division	Karachi (Manora)																	
	Karachi (Airport)	000	0	0	07	05	96	02	0	019	84	0	0	9	0	0	72	79
Hyderabad	Nagarparker																	
	Chhor	000	0	0	18	05	96	02	0	026	86	0	0	9	0	0	69	81
	Hyderabad	000	0	0	05	03	97	01	0	031	87	0	0	9	0	0	65	85
	Badin	000	0	1	16	05	96	03	0	029	83	1	0	9	4	0	69	79
Khairpur	Padidan	000	0	0	00	00	96	02	0	038	79	0	0	9	0	0	67	71
	Nawabshah																	
	Sukkur	000	0	0	05	02	95	05	0	030	83	0	0	9	0	0	64	78
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jacobabad	000	0	0	00	00	96	02	0	033	82	0	0	9	0	0	61	79
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	23	02	98	00	0	478	63	0	0	9	0	0	45	55
Malakand	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Cherat *	000	0	0	18	03	9	00	0	485	69	0	0	9	0	0	53	64
	Kakul *	000	0	1	23	03	98	01	1	478	68	1	0	9	2	0	48	63
	Landikotal *	000	0	0	36	02	98	02	0	486	75	0	0	9	0	0	64	76
	Parachinar *	000	0	0	00	00	96	02	0	482	65	0	0	9	0	0	41	52
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	430	71	0	0	9	0	0	47	57
	Wana *																	
Quetta	Fort Sandeman *	000	0	0	31	02	97	02	0	469	67	0	0	9	0	0	20	62
	Hindubagh *	000	0	0	23	05	98	02	0	///	64	0	0	9	0	0	37	41
	Loralai *																	
	Barkhan *																	
	Harnai *	000	0	0	05	11	96	02	0	437	74	0	0	9	0	0	39	69
	Samungli (Quetta) *	000	0	0	00	00	96	05	0	494	50	0	0	9	0	0	40	44
	Chaman *	000	0	0	00	00	98	00	0	496	65	0	0	9	0	0	41	59
	Nushki *	000	0	0	07	05	95	05	0	519	70	0	0	9	0	0	23	64
	Dalbandin *	000	0	0	05	03	95	05	0	486	//	0	0	9	0	0	20	57
Kalat	Kalat *	000	0	0	09	01	90	00	2	441	61	0	0	9	0	0	04	61
	Khuzdar *	000	0	0	00	00	96	02	0	454	70	0	0	9	0	0	38	65
	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	+ 5	+ 4	107.3	—	—	140
	Chittagong	+ 7				—	108
	Maijdee Court	+ 4	+ 3	82.9	—		115
	Comilla	+ 3	— 1	20.2	—		94
	Brahmanbaria						78
	Sylhet	—		85.2	—		—
	Srimangal	0	+ 1	25.4			98
Dacca	Mymensingh	+ 4	+ 2	59.4			91
	Narayanganj	+ 6	+ 3	46.8			74
	Dacca (Tejgaon)	—		62.6			—
	Faridpur	+ 4	+ 3	27.3			71
Khulna	Barisal	+ 3	— 1	47.1	—		81
	Khulna	—	—	22.4			68
	Satkhira	—	—	65.3			65
	Jessore			—	—	—	65
Rajshahi	Pabna	—	—	35.1			59
	Sirajganj	+ 4	+ 2	16.1			64
	Rajshahi	—	—	20.1			—
	Bogra	0	— 2	46.7	— 2.5		69
	Dinajpur	0	—	—	—	—	72
	Rangpur	0	—	—			84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	+ 2	+ 4	11.5	— 2.9	15.1	19
	Sialkot	+ 4	— 1	23.4	+ 0.1	26.9	33
Rawalpindi	Jhelum	—	—	20.0	—	24.7	—
	Islamabad			—	—	—	
	Rawalpindi	+ 3	— 3	32.8	+ 9.5	40.4	36
	Campbellpur	—	—	8.9		9.4	—
Sargodha	Khushab	+ 4	—	13.2	+ 3.0	15.2	15
	Sargodha	—		9.5		12.1	—
	Lyallpur	+ 2	+ 2	7.5	— 1.7	10.8	12
Multan	Sahiwal			—			10
	Multan	0	0	4.9	+ 0.1	5.5	7
	Leiah	—	—	—	—	—	
Bahawalpur	Khanpur	—	—	—	—	1.3	8
	Bahawalpur	—	—	0.0	— 4.2	0.3	6
	Fort Abbas	—	—	—	—	—	6
Malakand	Chakdara	—	—	10.3	—	20.4	8
Peshawar	Peshawar	+ 2	+ 1	8.6	+ 4.3	17.1	11
	Haripur	—	—	22.5	—	30.3	
D. I. Khan	Bannu	—	—	5.9	—	8.2	11
	D. I. Khan	— 1	0	2.6	— 2.8	4.3	
Quetta	Sibi						9
	Nokkundi	—	—	0.0	—	0.2	5
Kalat	Turbat	—	—	0.0	—	0.0	2
	Jiwani	—	—	0.0	—	1.5	—
	Pasni			—	—	0.0	5
	Ormara	—	—	0.8	0.0	0.8	6
	Lasbela	—	—	0.0	—	0.0	6
Karachi division	Karachi (Manora)						8
	Karachi (Airport)	—	—	2.6	— 5.5	2.8	8
Hyderabad	Nagarparker			—	—	0.0	—
	Chhor	—	—	4.5	—	4.5	—
	Hyderabad	+ 8	+ 10	1.9	— 4.1	2.6	7
	Badin	—	—	2.1	— 5.1	2.1	9
Khairpur	Padidan	—	—	2.2	—	2.2	—
	Nawabshah			—	—	0.7	—
	Sukkur	—	—	1.8	—	2.2	4
	Kashmore	—	—	—	—	0.0	—
	Jacobabad	0	+ 7	2.5	+ 0.3	2.6	4
Junagadh	Veraval						20
	HILL STATIONS						26 —
Kashmir	Srinagar *						71
	Gulmarg **						26
	Sonamarg **						3
	Dras **						6
	Leh **						—
	Skardu *						—
	Misgar **						5
	Aliabad *						89
	Gilgit *						18
Rawalpindi	Murree *	+ 1	— 2	40.9	+ 5.7	49.0	29
Malakand	Drosh *	+ 3	—	—	—	10.3	—
Peshawar	Cherat *	—	+ 1	10.0	— 1.7	17.6	—
	Kakul *	—	—	31.5		48.6	33
	Landikotal *	—	—	13.1	—	22.8	13
	Parachinar *	+ 4	— 2	8.9	—	16.5	11
D.I. Khan	Miranshah *	—	—	3.8	— 0.9	5.4	13
	Wana *			—	—	—	—
Quetta	Fort Sandeman *	— 2	+ 2	2.3	— 2.7	3.6	9
	Hindubagh *	—	—	0.4	—	2.1	—
	Loralai *			—	—	—	14
	Barkhan *			—	—	1.1	9
	Harnai *	—	—	1.1	— 6.3	1.1	8
	Samungli (Quetta) *	+ 1	— 5	0.6	— 0.4	3.3	—
	Chaman *	0	+ 1	0.0	— 0.2	1.8	—
	Nushki *	—	—	0.0	—	1.1	4
	Dalbandin *	— 5	— 1	0.0	— 0.3	0.7	7
Kalat	Kalat *	— 4	+ 23	0.0	— 1.2	0.4	—
	Khuzdar *	—	—	1.6	—	1.9	5
	Panjgur *	— 7	—	—	—	0.2	—

† 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.

STCF …… Y[illegible]

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 27th SEPTEMBER, 1971

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99LaLaLa	QcLoLoLoLo	YYGGiw	N ddFF	VV ww W	PPP TT	NhCLhCMCH	DsVsa PP	7RR tRtR	8NsChshs	01sTsTdTd	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	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 ...														
Dacca ...														
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	998 290 61	...	400 214 66	087 106 63	582 015 //	756 151 //	968 265 //	255 355 //	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	996 322 059	...	400 236 66	116 144 //	586 053 //	757 153 //	969 263 //	253 407 //	446 471 //	...	...	...	...
Quetta ...														
Sargodha ...														

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 ...													
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 ...	225 04	200 05	205 06	210 07	210 06	255 07	275 09	280 08	265 06	135 04	165 03	220 03	315 03	275 02	245 11	100 03	123 01	090 03	130 03	200 02	260 02	260 06	...	...	...	...
Chaklala ...	...	300 06	290 08	260 06	245 06	290 10	295 16	310 20	290 30	...	...	...	...	...	...	...	160 07	145 06	125 05	230 04	225 07	270 19	280 19	310 23	...	...
Chhor ...	230 13	260 03	260 05	005 03	055 10	035 11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	220 12	220 06	220 04	170 08	150 09	160 06	135 03	...	...	...	...	...	...	...	...	125 02	120 65	115 09	095 17	...	...	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	215 14	210 14	215 11	180 11	165 06	120 13	...	...	...	120 09	110 09	095 10	009 01	075 20	...	130 08	135 09	135 11	155 15	180 19	220 14	250 17	...	...	...	...
Dacca ...	310 05	305 06	315 05	055 04	140 04	320 05	...	...	...	...	...	...	...	...	...	065 07	055 09	045 09	080 07	130 06	140 09	130 03	130 04	140 10	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	065 06	060 12	045 12	025 14	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	175 10	170 16	170 12	170 14	175 13	190 04	245 08	275 07	315 13	120 03	130 04	130 07	160 10	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	230 09	255 09	215 06	195 08	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	190 10	235 06	295 12	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ishurdi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	190 05	285 05	300 05	075 14	020 05	230 05	180 04	260 19	220 05	100 21	123 17	130 23	065 09	315 03	295 09	130 02	130 04	150 03	140 01	125 03	345 02	020 06	310 11	295 15	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	220 09	225 10	/// //	285 08	315 15	345 17	305 22	315 17	235 19	165 07	180 05	160 04	153 06	130 06	100 10	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	150 12	115 10	060 12	035 15	...	...	...	...	...	360 12	015 14	060 16	060 22	065 20	055 22	040 18	060 17	070 16	065 09	115 10	140 10	230 01	075 13	075 17	...	...
Karachi ...	230 06	165 04	090 04	060 09	055 09	125 05	070 03	315 03	005 04	200 12	150 12	150 09	150 08	100 12	065 10	080 06	055 09	055 10	070 15	070 15	050 07	010 05	020 07	060 06	...	...
Khanpur ...	040 04	045 04	045 07	035 06	030 16	320 04	260 09	250 08	270 10	165 10	140 11	120 15	140 14	175 14	340 14	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	285 06	305 04	250 04	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	295 04	315 05	310 06	315 10	320 11	335 12	335 16	355 17	...	325 05	285 04	275 03	265 03	275 07	340 04	325 03	315 07	315 06	335 03	025 04	020 08	345 16	010 13	010 15	...	...
Multan ...	145 05	155 05	155 07	160 11	195 09	310 08	305 14	270 26	300 26	145 15	145 17	140 17	150 21	150 12	240 08	195 09	185 12	183 12	215 04	250 01	300 08	120 09	285 05	175 12	...	...
Nawab Shah ...	335 11	360 08	045 07	060 10	085 09	115 01	323 02	340 07	360 07	105 12	110 14	125 16	115 19	130 08	055 06	175 08	130 10	130 09	075 08	040 09	060 03	065 13	060 08	015 06	...	...
Nokkundi ...	No	Ascent	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	345 07	345 07	285 06	250 08	250 12	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	...	...	...	...	...	...	...	...	240 05	005 02	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	310 08	200 02	320 13	315 20	305 21	...	...	...	...	290 06	265 06	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	215 04	230 04	240 04	320 10	315 04	330 03	295 19	275 40	300 39	245 01	245 05	245 06	205 02	215 02	285 07	340 01	215 04	215 04	160 04	265 05	310 03	270 17	275 31	270 38	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	270 08	270 08	265 05	...	...	...	...	...	...	115 13	110 10	135 11	...	...	...	075 04	075 05	060 04	205 01	155 03	215 06	200 09	...	...	...	...
Versval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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.)

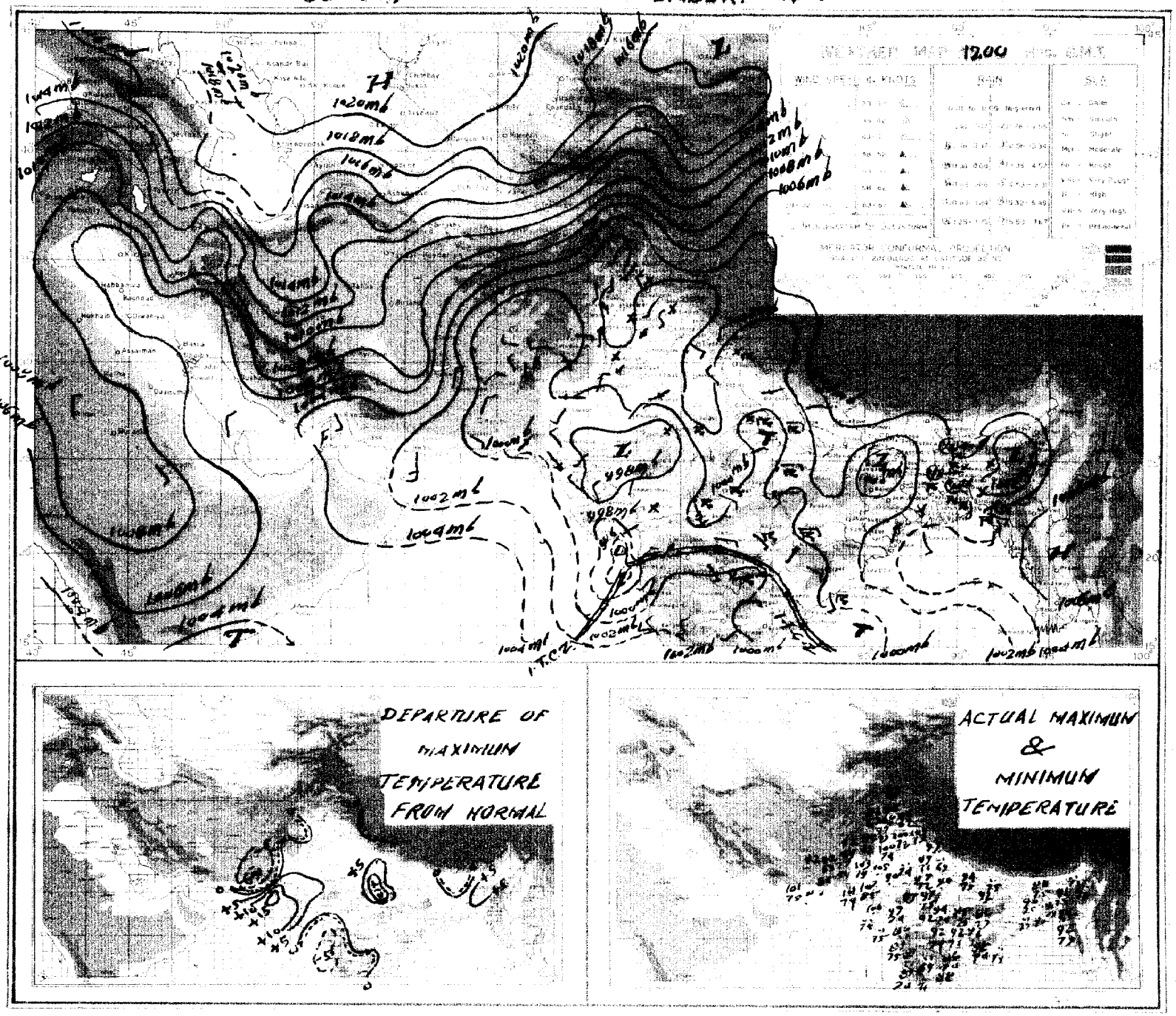
PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.
hhh—(heights)—Tens of geopotential metres.
TT—Dry Bu'b temperatures in °C.
Ta—Approximate tenth value in (O °C) even values indicate positive and odd-values indicate negative temperatures.

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

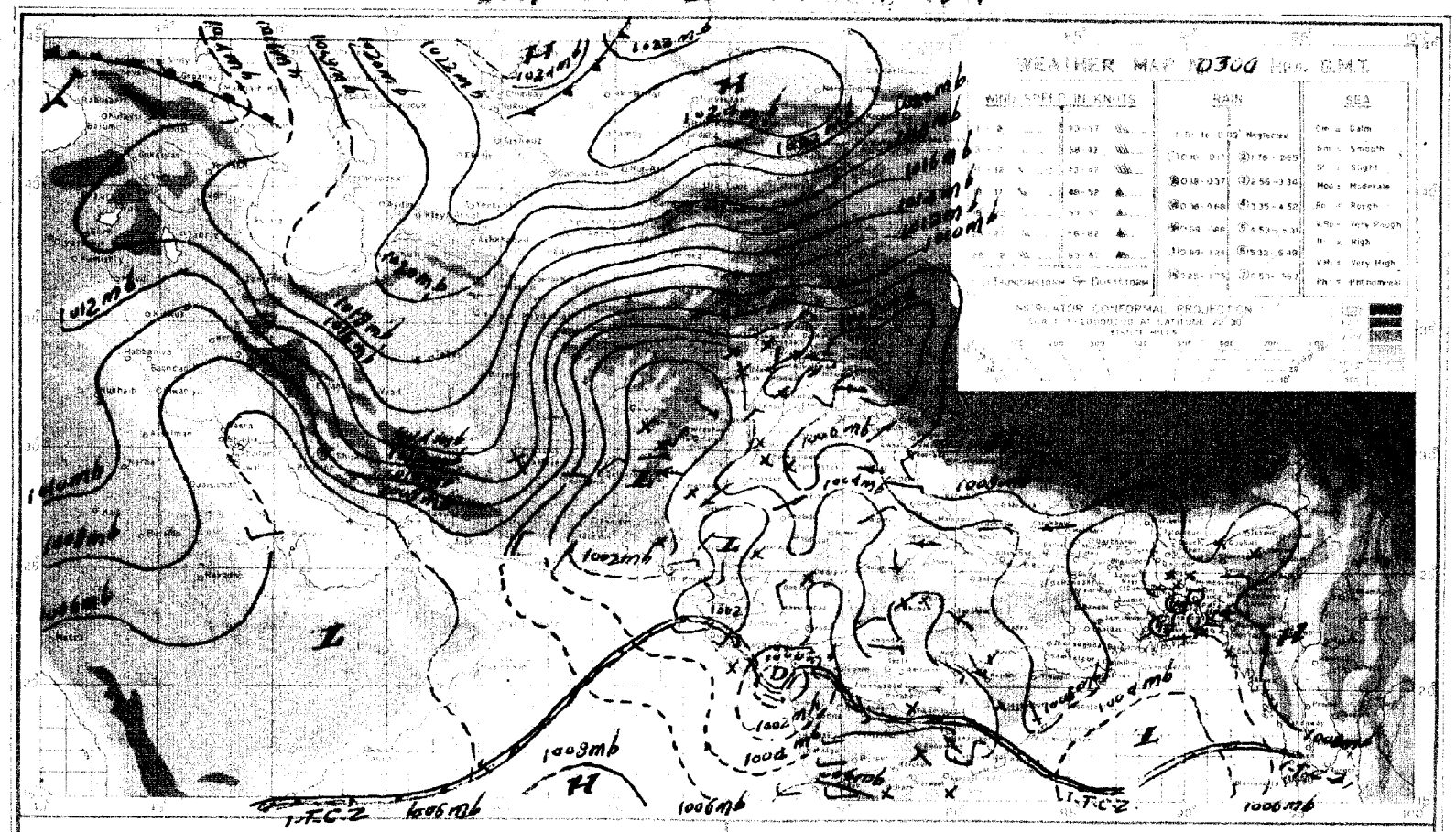
PAKISTAN DAILY WEATHER MAP

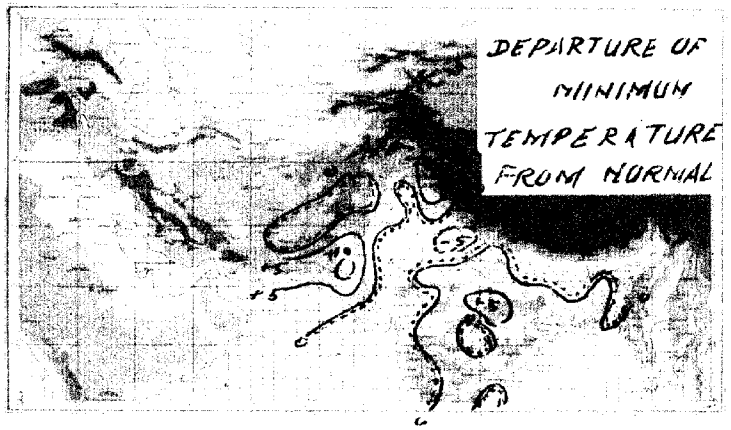
SUNDAY 26th SEPTEMBER. 1971

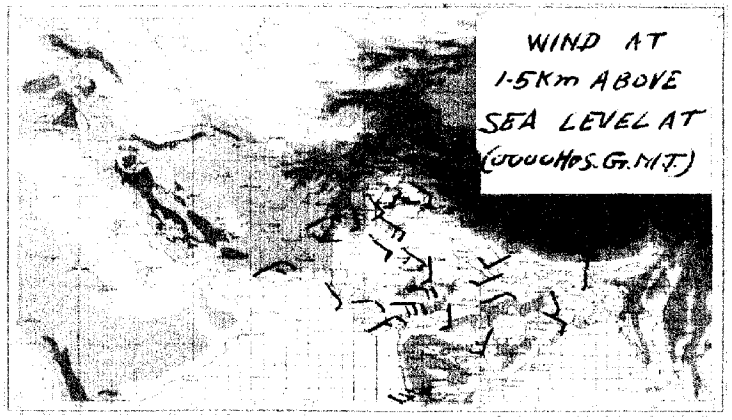


PAKISTAN DAILY WEATHER MAP

MONDAY 27th SEPTEMBER 1971







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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 25

TUESDAY THE 28th SEPTEMBER, 1971.

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

Observations from ships and Orissa coast completely lacking but believe yesterday's low over central and adjoining north Bay of Bengal [illegible] north-northwestwards and has probably concentrated into a depression centred at 28,0300 GMT within a degree of latitude 19° N and longitude 88.5 [illegible] north-northeastwards and may intensify.

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

Yesterday's depression moved northeastwards and was centred near Malegaon last evening. It has apparently weakened and now lies as a well marked low over north Maharashtra and neighbourhood.

The low extending from west Rajasthan to Kutch is less marked.

A westerly low pressure wave is moving across Kashmir and Malakand and Peshawar divisions.

Local thunderstorms have been reported from Peshawar division, scattered from Rawalpindi division and light rain from Malakand division.

Chief amounts of rainfall are : Chittagong 1" and Cox's Bazar, Faridpur, Rangpur and Pabna ½" each.

Day temperatures were 11 °F (6 °C) above normal in Karachi division and 3—6 °F ((2—3 °C) so in Chittagong, Dacca, Rajshahi, Sargodha and Hyderabad divisions and were 3—5 °F (2—3 °C) below normal in Quetta and northern Kalat divisions and at a few places in Peshawar division.

Forecast valid until the evening of the 29th September, 1971 :—Rain/thundershowers will be fairly widespread with heavy to very heavy falls in the southern districts and local elsewhere in East Pakistan. Scattered thunderstorms/showers are also likely to occur in Malakand, Peshawar and Rawalpindi divisions and in Kashmir. Weather will be mainly dry elsewhere in West Pakistan.

Earth Quake Report The seismographs of the geophysical centre, Quetta have recorded an earth quake of severe intensity on 28th September, 1971 at 0000 hours 12 minutes WPST with its epicentre about 4000 miles southeast of Quetta near Philippine Island. Another earth quake of mild intensity was also recorded on 28th September, 1971 at 0200 hours 11 minutes WPST with its epicentre about 100 miles east of Quetta near Duki in Baluchistan.

Karachi-32
The 28th Septembre, 1971.

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

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	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Maijdee Court	000	0	4	23	05	97	01	0	010	88	2	1	5	3	0	77	91
	Comilla	000	0	0	00	00	96	01	0	020	90	0	0	9	0	0	82	94
	Brahmanbaria																	
	Sylhet	000	0	6	27	02	97	02	2	015	84	3	2	6	0	1	79	91
	Srimangal	000	0	0	00	00	96	01	0	018	96	/	/	/	6	3	//	//
Dacca	Mymensingh	000	0	4	00	00	97	01	1	028	88	4	5	0	0	0	81	95
	Narayanganj	000	0	5	00	00	96	02	2	033	90	2	6	6	3	!	79	94
	Dacca (Tejgaon)	000	0	6	00	C0	96	02	2	021	84	1	3	5	0	3	77	90
	Faridpur	000	0	6	C0	00	96	02	2	030	90	4	4	6	1	0	79	95
Khulna	Barisal	000	0	0	00	00	96	91	2	023	84	2	1	5	2	8	77	90
	Khulna																	
	Satkhira	C00	0	6	00	00	97	02	6	022	84	4	2	9	?	2	79	91
	Jessore																	
Rajshahi	Pabna																	
	Sirajganj	000	6	4	0G	00	97	01	0	029	//	4	2	6	0	0	79	91
	Rajshahi																	
	Bogra	000	0	7	00	00	97	02	2	016	88	4	3	5	3	0	81	91
	Dinajpur	000	3	3	13	02	96	01	1	057	86	3	0	9	2	/	77	87
	Rangpur	032	5	4	09	02	96	01	6	033	82	4	0	9	2	0	79	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	34	02	96	05	0	010	96	0	0	9	0	0	64	99
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	007	95	0	0	9	0	0	66	99
	Islamabad																	
	Rawalpindi	000	0	0	00	00	96	05	0	099	93	!	1	6	3	1	62	94
	Campbellpur	000	0	0	18	01	98	00	0	///	96	0	0	9	0	0	96	98
Sargodha	Khushab	000	0	0	05	03	98	00	2	003	97	0	0	9	0	0	69	81
	Sargodha	000	0	0	27	02	97	02	0	011	94	0	0	9	0	0	72	00
	Lyallpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan	Sahiwal																	
	Multan	000	0	0	00	00	97	02	0	008	96	0	0	9	0	0	64	00
	Leiah																	
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur	000	0	0	00	00	98	00	0	016	96	0	0	9	8	0	71	01
	Fort Abbas																	
Malakand	Chakdara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Peshawar	000	0	4	23	05	97	02	1	011	97	1	3	6	3	1	35	90
	Haripur	000	0	0	23	02	97	00	0	008	88	0	0	9	0	0	58	92
D.I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D.I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Sibi																	
	Nokkundi	000	0	0	05	05	96	05	4	026	90	0	0	9	0	0	44	93
Kalat	Turbat	000	0	0	25	04	98	00	0	997	03	0	0	9	0	0	67	03
	Jiwani	000	0	0	18	10	96	05	0	019	00	0	0	9	0	0	40	04
	Pasni																	
	Ormara	000	0	0	27	02	96	02	0	991	96	0	0	9	0	0	67	97
	Lasbela	000	0	2	00	00	99	00	0	993	10	0	0	9	0	0	64	10
Karachi division	Karachi (Manora)																	
	Karachi (Airport)	000	0	3	23	05	96	03	0	999	93	3	0	9	3	0	73	03
Hyderabad	Nagarparker																	
	Chhor																	
	Hyderabad	000	0	0	13	03	97	01	1	000	02	0	0	9	0	0	64	04
	Badin	000	0	0	31	02	96	02	0	000	99	0	0	9	9	0	68	03
Khairpur	Padidan	000	0	1	00	00	96	03	0	999	00	1	1	6	0	0	63	04
	Nawabshah	000	0	0	00	00	96	05	0	006	02	0	0	9	0	0	75	05
	Sukkur	000	0	0	31	02	96	02	0	001	99	0	0	9	0	0	69	01
	Kashmore																	
	Jacobabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malakand	Drosh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Cherat	000	0	7	18	12	96	08	0	454	77	7	4	8	0	0	41	83
	Kakul	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Landikotal	000	0	5	18	05	97	02	0	470	80	5	5	3	0	0	76	87
	Parachinar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Miranshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Wana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman	000	0	0	18	05	97	02	0	435	85	0	0	9	0	0	23	87
	Hindubagh	000	0	0	25	09	98	02	0	///	78	0	0	9	0	0	17	81
	Loralai																	
	Barkhan																	
	Harnai	000	0	0	13	01	96	02	0	436	92	0	0	9	0	0	52	94
	Samungli (Quetta)	000	0	0	27	03	98	02	0	462	81	0	0	9	0	0	11	82
	Chaman	000	0	0	27	03	97	00	0	317	82	0	0	9	0	0	41	82
	Nushki	000	0	0	31	03	97	02	0	307	87	0	0	9	0	0	34	89
	Dalbandin	000	0	0	13	03	95	05	0	473	91	0	0	9	0	0	31	92
Kalat	Kalat	000	0	0	31	01	93	00	2	429	72	0	0	9	0	0	48	80
	Khuzdar	000	0	0	00	00	98	02	0	431	09	0	0	9	0	0	44	91
	Panjgur	000	0	0	36	09	96	05	0	450	77	4	5	6	0	0	74	89

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																	
	Cox's Bazar																	
	Chittagong	018	9	5	07	04	96	02	9	050	82	1	5	3	1	2	75	76
	Maijdee Court	000	3	8	00	00	96	03	2	051	84	3	2	5	2	1	73	76
	Comilla	000	0	4	00	00	96	02	0	050	84	0	0	9	3	0	77	75
	Brahmanbaria																	
	Sylhet	002	3	7	00	00	96	02	3	056	84	4	8	5	3	0	75	77
	Srimangal	000	0	0	07	09	96	02	9	058	84	2	3	5	5	2	79	76
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dacca (Tejgaon)	0·0	9	4	09	02	97	01	6	049	86	1	1	5	4	0	77	76
	Faridpur	022	3	4	11	02	96	02	6	052	84	3	5	5	1	0	77	75
Khulna	Barisal	000	0	7	09	18	97	02	2	042	84	4	4	4	2	8	75	80
	Khulna																	
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore																	
Rajshahi	Pabna																	
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajshahi	000	0	4	09	02	96	02	2	051	86	2	4	5	3	1	77	77
	Bogra	000	0	6	18	05	97	01	2	052	84	3	3	5	7	0	77	79
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	05	0	056	83	0	0	9	0	0	67	75
	Sialkot	000	0	1	00	00	97	02	0	068	75	0	0	9	0	0	65	70
Rawalpindi	Jhelum	000	0	0	00	00	95	05	0	055	78	0	0	9	0	0	66	70
	Islamabad																	
	Rawalpindi	000	0	1	00	00	96	04	0	067	72	1	1	6	1	0	59	64
	Campbellpur	000	0	2	11	01	97	00	0	///	70	0	0	9	0	0	70	66
Sargodha	Khushab	000	5	0	00	00	97	00	0	069	82	0	0	9	0	0	67	//
	Sargodha	003	0	0	09	02	96	04	0	057	50	0	0	9	0	0	65	65
	Lyallpur	000	0	0	00	00	97	00	0	057	80	0	0	9	0	0	66	72
Multan	Sahiwal																	
	Multan	000	0	0	00	00	96	05	0	049	82	0	0	9	0	0	62	72
	Leiah																	
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	043	84	0	0	9	0	0	61	71
	Bahawalpur	000	0	0	00	00	96	00	0	064	81	0	0	9	0	0	63	73
	Fort Abbas																	
Malakand	Chakdara	C00	0	5	05	07	97	03	0	053	70	5	0	9	3	0	49	64
Peshawar	Peshawar	000	0	0	C0	00	97	02	0	057	93	0	0	9	0	0	61	70
	Haripur	000	3	4	05	03	98	03	2	058	76	4	0	9	3	0	58	67
D.I. Khan	Bannu	C00	0	0	31	01	99	00	0	059	72	0	0	9	0	0	62	70
	D.I. Khan	000	0	0	09	02	97	02	0	051	79	0	0	9	0	0	63	73
Quetta	Sibi																	
	Nokkundi	000	0	0	31	07	96	02	4	092	68	0	0	9	0	0	31	64
Kalat	Turbat	000	0	0	23	02	98	00	0	048	84	0	C	9	0	0	79	82
	Jiwani	000	0	0	36	07	96	05	0	040	80	0	0	9	0	0	//	75
	Pasni																	
	Ormara	000	0	2	00	C0	56	02	0	029	81	0	0	9	0	0	62	//
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi division	Karachi (Manora)																	
	Karachi (Airport)	000	0	4	30	00	96	03	0	032	84	4	0	9	3	0	72	78
Hyderabad	Nagarparker																	
	Chhor																	
	Hyderabad	000	0	0	31	02	97	02	0	036	87	0	0	9	G	0	62	81
	Badin	000	0	1	00	00	96	03	0	035	83	1	0	9	4	0	77	79
Khairpur	Padidan	000	0	0	09	03	96	02	0	038	50	0	0	9	0	0	64	77
	Nawabshah	000	0	0	05	03	96	05	5	039	84	0	0	9	0	G	71	78
	Sukkur	000	0	0	00	00	94	05	0	036	82	0	0	9	0	0	72	76
	Kashmore																	
	Jacobabad	000	0	0	09	05	97	02	0	038	82	0	0	9	0	0	65	77
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	0	3	09	05	97	01	1	478	64	3	5	4	0	0	46	54
Malakand	Drosh	002	0	4	00	00	98	00	6	449	76	5	3	8	7	6	47	64
Peshawar	Cherat	000	0	0	18	08	9?	00	0	488	70	0	0	9	0	0	53	67
	Kakul	000	2	6	31	03	98	03	9	480	65	4	4	5	3	0	49	61
	Landikotal	000	0	0	36	02	98	02	0	484	73	0	0	9	0	0	65	63
	Parachinar	002	0	0	00	00	98	02	0	481	63	0	0	9	0	0	45	57
D.I. Khan	Miranshah	000	0	0	05	05	99	00	0	432	68	0	0	9	0	0	48	56
	Wana	000	0	0	00	00	98	00	0	435	64	0	0	9	0	0	40	55
Quetta	Fort Sandeman	000	0	0	23	02	97	02	0	475	71	0	0	9	0	0	23	60
	Hindubagh	000	0	0	34	05	98	02	0	///	62	0	0	9	0	0	14	36
	Loralai																	
	Barkhan																	
	Harnai	000	0	0	05	01	96	02	0	451	73	0	0	9	0	0	43	66
	Samungli (Quetta)	000	0	0	09	02	96	05	0	491	52	0	0	9	0	0	30	41
	Chaman	000	0	0	27	03	98	00	0	513	63	0	0	9	0	0	35	57
	Nushki	000	0	0	07	05	97	02	0	513	63	0	0	9	0	0	17	61
	Dalbandin	000	0	0	05	02	95	05	0	480	60	0	0	9	0	0	31	56
Kalat	Kalat	000	0	0	23	02	93	00	2	479	55	0	0	9	0	0	24	55
	Khuzdar	000	0	0	00	00	96	02	0	456	70	0	0	9	0	0	37	65
	Panjgur	000	0	0	00	03	96	05	0	482	72	0	0	9	0	0	59	63

Departure from Normal of / Rainfall

Divisions (1)	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)
Chittagong	Rangamati	—	—	—	—	—	—
	Cox's Bazar	—	—				140
	Chittagong	—	0	123.6	+47.0		108
	Maijdee Court	+ 4	— 1	62.9	— 1.0		115
	Comilla	+ 6	— 1	30.2	—32.4		94
	Brahmanbaria						78
	Sylhet	—	—	85.7	—		—
	Srimangal	//	+ 2	25.5	—32.8		98
Dacca	Mymensingh	+ 8		—	—	—	91
	Narayanganj	+ 6		—	—	—	74
	Dacca (Tejgaon)	—	—	62.7	—		—
	Faridpur	+ 8	— 3	27.5	—19.0		71
Khulna	Barisal	+ 2	+ 2	47.1	— 9.8		81
	Khulna			—	—	—	68
	Satkhira	—	—	—	—	—	65
	Jessore			—	—	—	65
Rajshahi	Pabna			—	—	—	59
	Sirajganj	+ 4	—	—	—		64
	Rajshahi	—	—	2.1	—		—
	Bogra	+ 3	— 2	46.7	— 2.9		69
	Dinajpur	— 1	—	—	—		72
	Rangpur	+ 2	—	—	—		84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	+ 11	+ 6	11.5	— 2.9	15.1	19
	Sialkot	—	0	23.4	0.0	26.9	32
Rawalpindi	Jhelum	—	—	20.0	—	24.7	—
	Islamabad			—	—	—	—
	Rawalpindi	+ 1	— 1	32.8	+ 9.4	40.4	36
	Campbellpur	—	—	8.9	—	9.4	—
Sargodha	Khushab	+ 3	—	13.2	+ 3.0	15.2	15
	Sargodha	—	—	9.5	—	12.1	—
	Lyallpur	—	+ 2	7.5	— 1.1	10.8	12
Multan	Sahiwal						10
	Multan	0	— 2	4.9	0.0	5.5	7
	Leiah						8
Bahawalpur	Khanpur	—	—	1.1	— 3.8	1.3	6
	Bahawalpur	—	—	0.0	— 4.2	0.3	6
	Fort Abbas						8
Malakand	Chakdara	—	—	10.3	—	20.4	—
Peshawar	Peshawar	— 3	+ 3	8.6	+ 4.3	17.1	11
	Haripur	—	—	22.5	—	30.3	—
D.I. Khan	Bannu	—	—	5.9	—	8.2	11
	D.I. Khan	—	+ 2	2.6	— 2.8	4.3	9
Quetta	Sibi						5
	Nokkundi	—	—	0.0	— 0.3	0.7	2
Kalat	Turbat	—	—	0.0	—	0.0	—
	Jiwani	—	—	0.0	—	1.5	5
	Pasni			—		—	6
	Ormara	—	—	0.8	0.0	0.8	6
	Lasbela	—	—				8
Karachi division	Karachi (Manora)			—	—	—	8
	Karachi (Airport)	—	—	2.6	— 5.5	2.8	—
Hyderabad	Nagarparker			—	—	0.0	—
	Chhor			—	—	4.5	7
	Hyderabad	+ 5	+ 6	1.9	— 4.1	2.6	9
	Badin	—	—	2.1	— 5.1	2.1	—
Khairpur	Padidan	—	—	2.2	—	2.2	—
	Nawabshah	—	—	0.7	—	0.7	4
	Sukkur	—	—	1.8	—	2.2	—
	Kashmore			—	—	0.0	4
	Jacobabad	—	+ 5	2.5	+ 0.3	2.6	20
Junagadh	Veraval						26
	HILL STATIONS						—
Kashmir	Srinagar						71
	Gulmarg						24
	Sonamarg						3
	Dras						6
	Leh						—
	Skardu						—
	Misgar						5
	Aliabad						39
	Gilgit						18
Rawalpindi	Murree	—	— 2	40.9	+ 5.6	48.5	29
Malakand	Drosh	—	+ 4	1.7	—	10.3	—
Peshawar	Cherat	0	+ 4	10.0	— 1.5	17.6	—
	Kakul	—	—	31.5	—	40.6	29
	Landikotal	—	—	13.1	—	22.8	18
	Parachinar	—	+ 2	8.9	—	16.5	11
D.I. Khan	Miranshah	—	—	3.8	+ 0.9	5.4	13
	Wana	—	—	—	—	—	—
Quetta	Fort Sandeman	— 3	+ 0	2.3	— 2.7	2.6	9
	Hindubagh	—	—	0.4	—	2.1	—
	Loralai			—	—	—	14
	Barkhan			—	—	1.1	9
	Harnai	—	—	1.1	— 6.3	1.1	8
	Samungli (Quetta)	0	— 8	0.6	— 0.5	3.3	—
	Chaman	— 5	— 1	0.0	— 0.2	1.8	—
	Nushki	—	—	0.0	—	1.1	4
	Dalbandin	— 5	— 2	0.0	— 0.3	0.7	7
Kalat	Kalat	— 1	+ 17	0.0	— 1.2	0.4	—
	Khuzdar	—	—	1.6	—	1.9	5
	Panjgur	— 4	+ 2	0.0	—	0.2	—

Code.
[illegible] for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
[illegible] for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
[illegible] rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T of the same day
[illegible] the [illegible] for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 28th SEPTEMBER, 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$_s$	O1$_s$T$_s$T$_s$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														
Sardhana	99 2 39	10 6 11	27 0 03	20 6 07	98 0 20	03 6 28	29 8 00	13 6 02	...	...	05 4 24	...	30 5 02	...

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	000 250 10	...	480 174 15	079 086 29	079 063 13	751 143 31	963 293 50	239 539 //	418 511 //	...	...	...	...
Dacca ...	00 00	004 252 06	...	405 184 29	060 004 21	585 051 85	751 158 56	964 289 59	242 495 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	999 280 51	...	400 162 98	030 005 30	565 167 82	730 223 //	937 321 //	219 397 //	...	...	...	...	...
Multan ...														
Peshawar ...	00 09	964 208 56	...	400 200 //	075 062 //	573 143 //	739 233 //	945 339 //	219 495 //	404 581 //	...	...	...	...
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	PcPcPcTcTcTat	dedefefefe	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 (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	9.0
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 ...	075 04	075 03	075 03	065 03	050 01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	020 08	075 07	130 08	180 05	180 11	190 12	...	...	...	075 08	095 10	220 08	225 08	240 34	...	125 07	105 09	100 05	275 12	250 18	265 21	...	...	...	...
Cibber ...	295 07	360 09	025 09	050 12	080 19	...	...	...	...	105 17	105 20	105 25	100 17	040 15	350 09	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	110 06	115 17	115 31	120 37	120 37	100 27	...	...	...	...	...
Cherat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	130 08	125 15	110 17	...	...	...	...	...	...	...	...
Dacca ...	085 06	000 06	070 04	150 04	155 08	140 08	105 09	110 03	100 08	065 10	115 12	115 13	105 16	105 17	115 14	135 10	135 14	135 18	130 25	125 25	120 21	...	...	...	...	...
Dalbandin ...	...	...	...	...	...	...	...	...	...	...	...	295 09	295 18	335 21	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	155 17	160 17	175 21	175 21	160 16	210 12	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	275 07	190 03	245 01	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...	...	...	280 13	260 09	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	065 03	070 05	070 03	120 02	205 02	230 04	325 08	250 08	325 14	050 08	135 03	145 03	335 01	215 03	240 02	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	...	...	...	...	...	...	...	...	...	120 11	020 08	315 08	270 09	325 07	005 07	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	330 02	310 05	305 05	305 06	315 14	290 09	285 10	290 09	285 35	340 12	335 09	340 06	320 04	170 04	170 04	110 12	070 09	020 06	310 03	320 10	...	...	...	...	...	...
Karachi ...	190 08	130 04	075 03	225 03	160 06	270 03	090 13	075 04	065 10	300 03	230 03	030 04	050 05	050 06	320 08	020 02	015 02	055 04	060 03	340 04	040 07	260 06	340 07	305 07	...	...
Kharan ...	150 06	115 11	110 10	095 11	070 14	...	...	...	...	330 12	330 13	345 14	330 17	275 20	230 20	...	...	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...	...	295 06	335 10	300 06	...	...	...	...	...	...	...	...	...	...	...
Khuzdar ...	...	...	...	...	...	...	...	...	...	...	...	...	315 02	030 06	040 06	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	320 02	315 05	330 06	330 05	340 06	350 08	360 11	005 13	010 16	215 08	215 06	255 03	245 09	260 08	270 12	170 10	175 13	175 15	170 10	230 10	240 07	200 05	210 06	265 10	...	...
Lahore ...	160 19	155 05	130 12	130 19	115 17	160 09	315 21	305 16	340 10	175 24	170 19	170 15	140 10	090 05	360 08	145 03	133 06	125 03	035 05	355 07	045 07	330 05	315 08	255 09	...	...
Multan ...	245 04	360 08	045 04	055 09	050 09	355 08	305 07	055 11	040 04	035 12	030 06	120 03	350 10	340 11	290 07	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	...	...	300 05	260 04	295 03	290 03	...	...	...	...	...	335 07	350 11	360 35	300 02	...	...	...	...	...	...	...	...	...	...	...
Nokkundi ...	...	...	...	...	...	...	...	...	...	...	...	...	165 05	165 10	215 14	...	055 06	080 03	185 06	210 18	210 13	245 14	240 15	215 25	...	...
Panjgur ...	...	300 04	315 03	050 03	135 03	150 05	...	...	...	...	355 02	355 02	170 03	015 01	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	305 11	290 12	...	...	...	...	...	...	...	...	...	...	...
Parachinar ...	...	...	...	...	290 02	235 04	290 21	270 23	215 28	...	...	...	...	320 11	270 10	240 02	220 01	205 06	175 06	155 06	265 09	135 04	295 15	260 23	...	...
Quetta ...	...	...	...	...	305 03	305 09	305 09	290 21	280 25	210 03	200 07	180 02	355 03	320 11	270 10	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	270 02	300 01	240 01	215 03	...	...	...	...	...	...	...	...	...	...	...	105 04	095 09	095 16	100 12	155 06	...	...	...	...	...	...
Skardu ...	...	...	...	...	...	...	...	...	...	100 05	090 03	110 05	075 10	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	310 07	315 04	295 01	075 05	360 02	120 02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Varsoal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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	20.3	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 (IHiii Cdd 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.

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

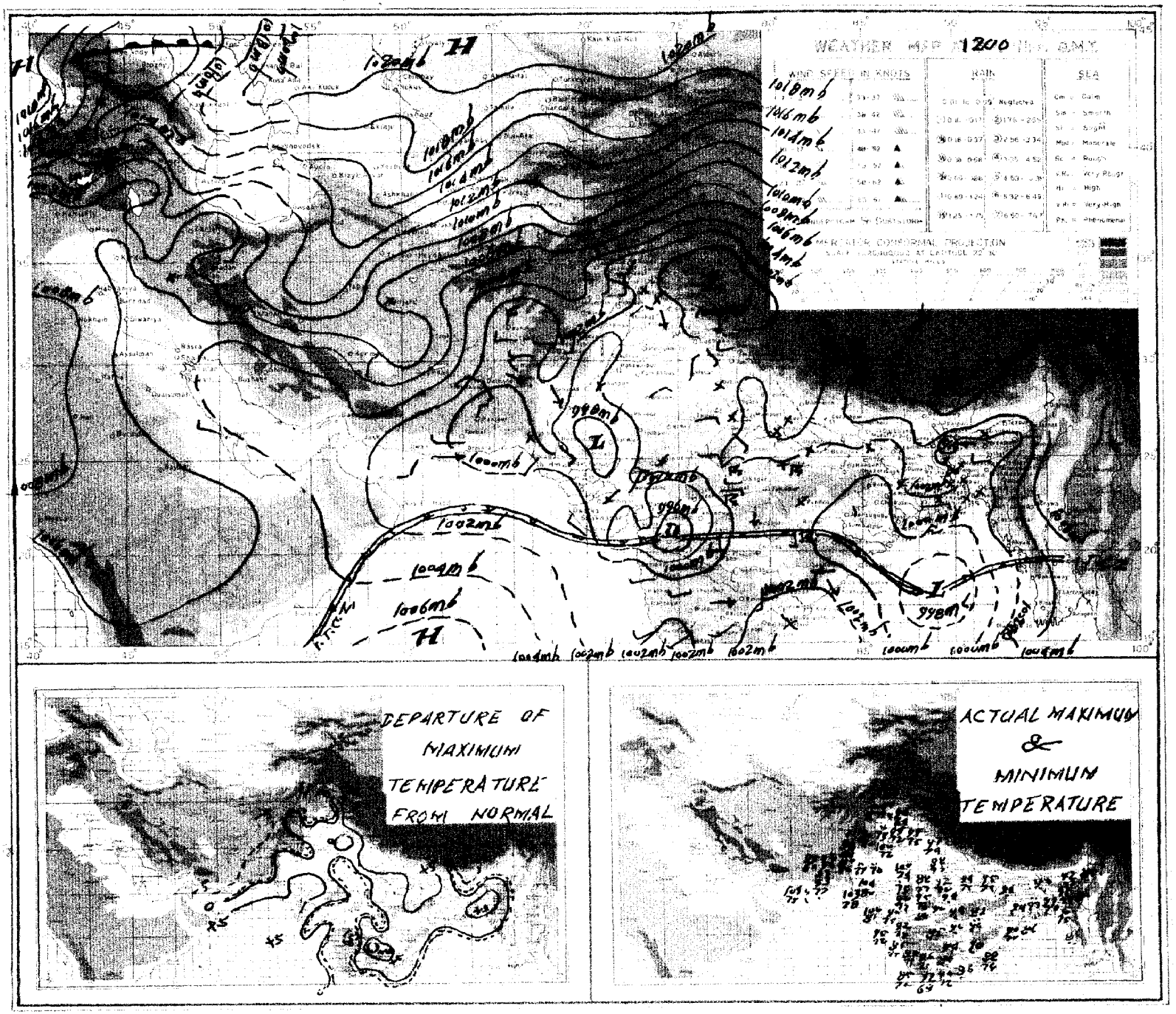
The actual time of observations may vary within half an hour of the specified time.

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

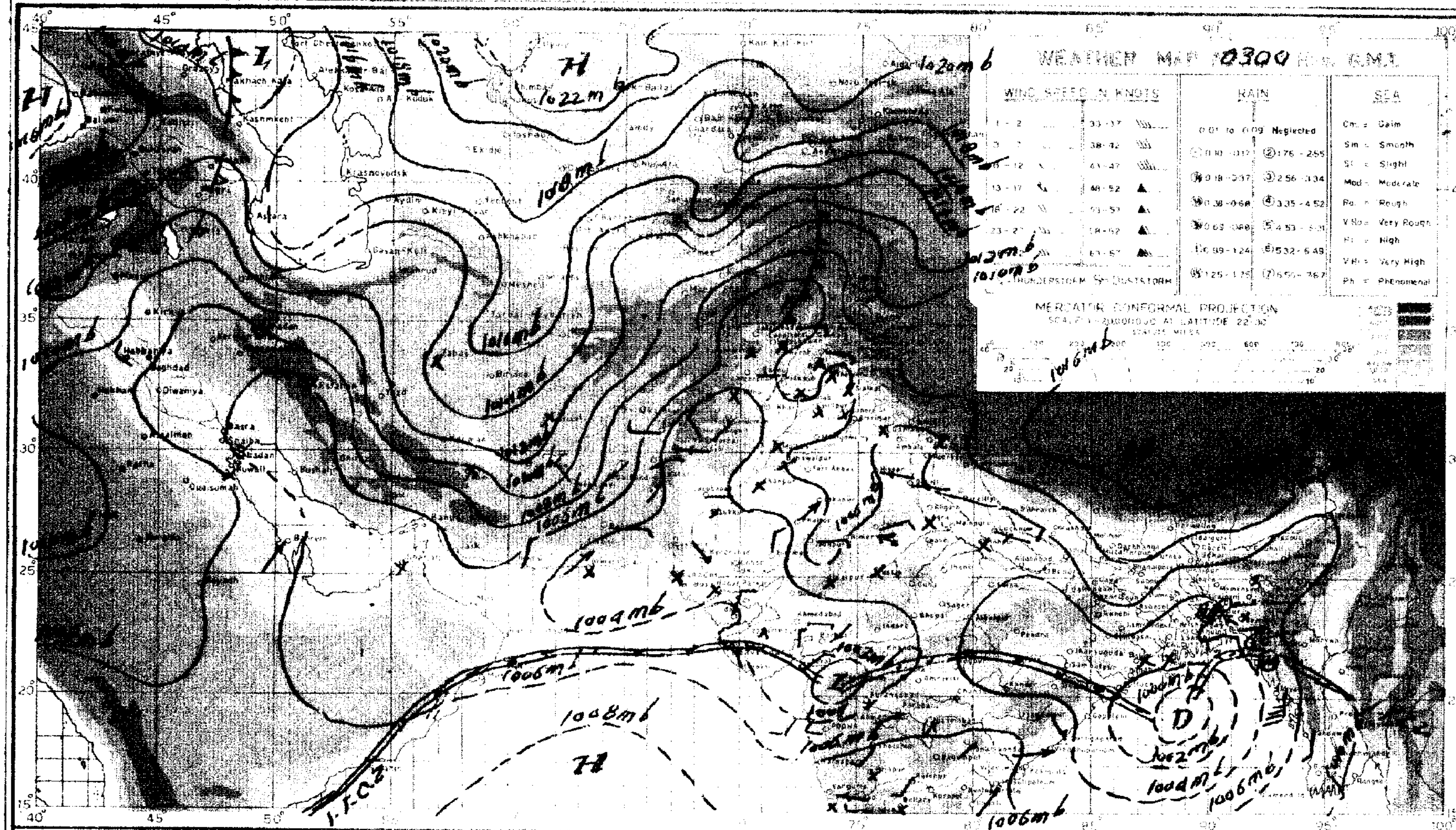
PAKISTAN DAILY WEATHER MAP

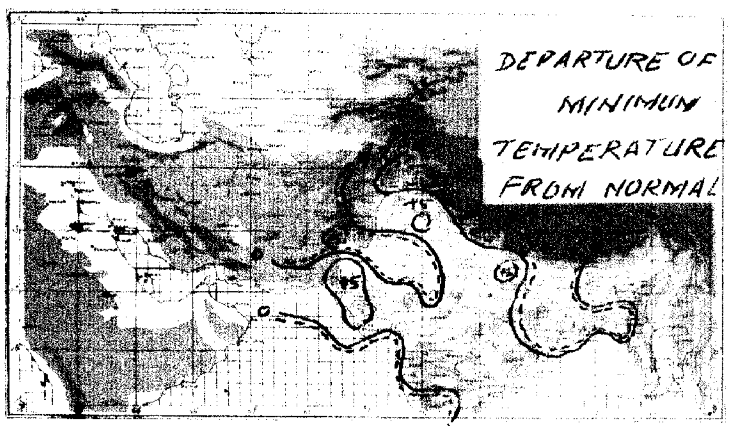
MONDAY 27th SEPTEMBER, 1971.

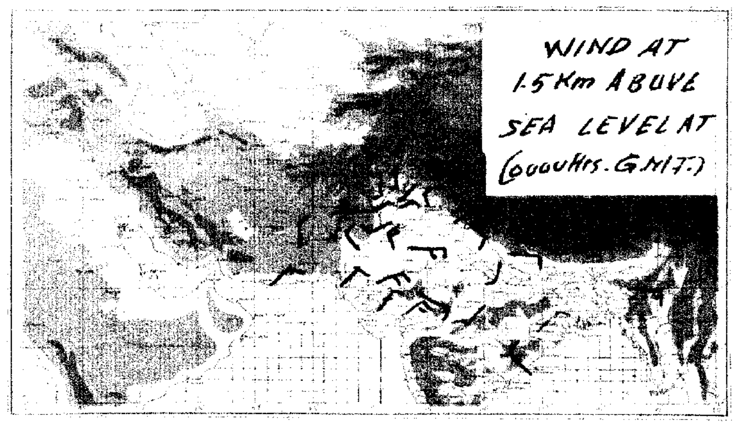


PAKISTAN DAILY WEATHER MAP

TUESDAY 28th SEPTEMBER, 1971

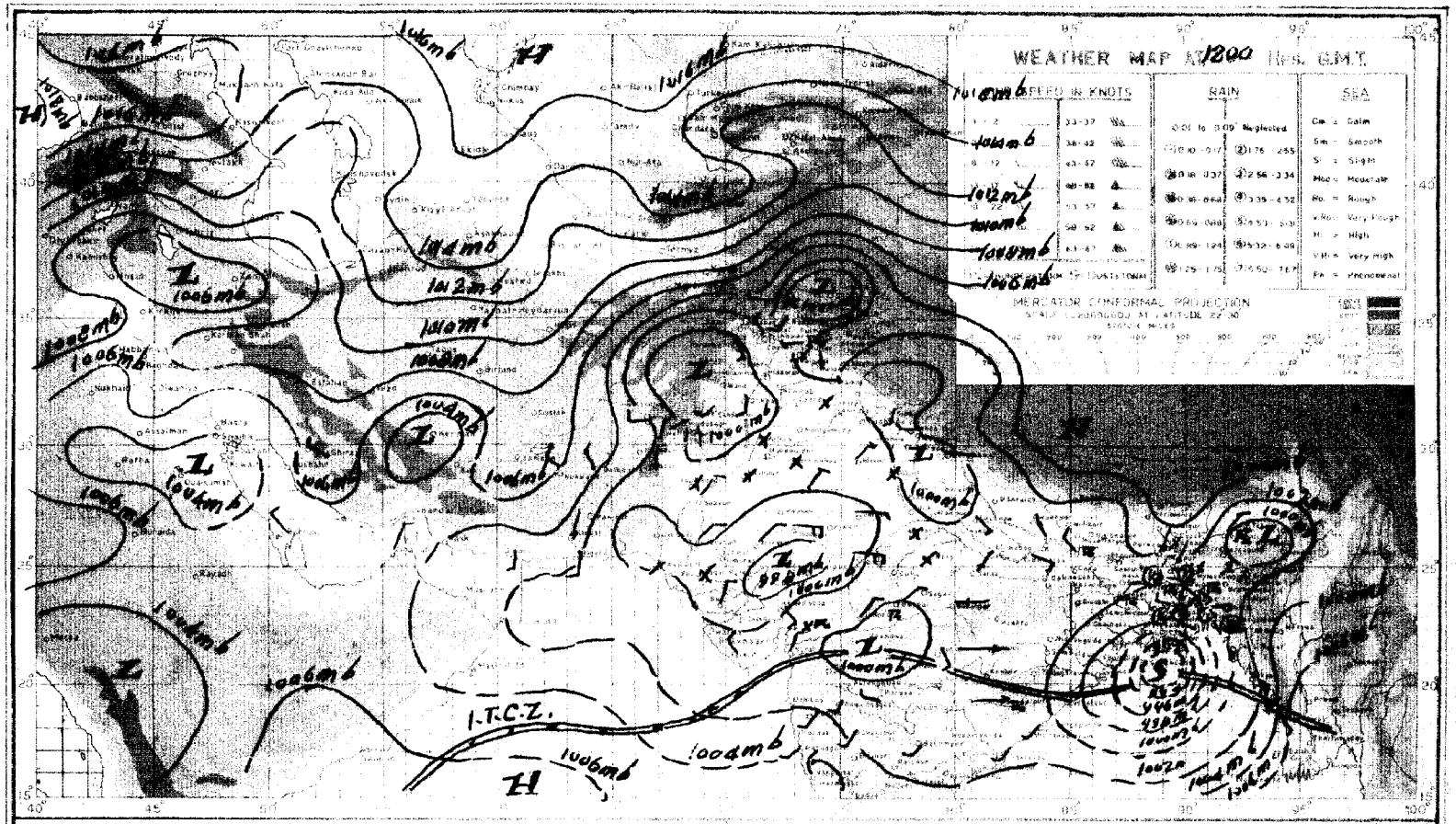


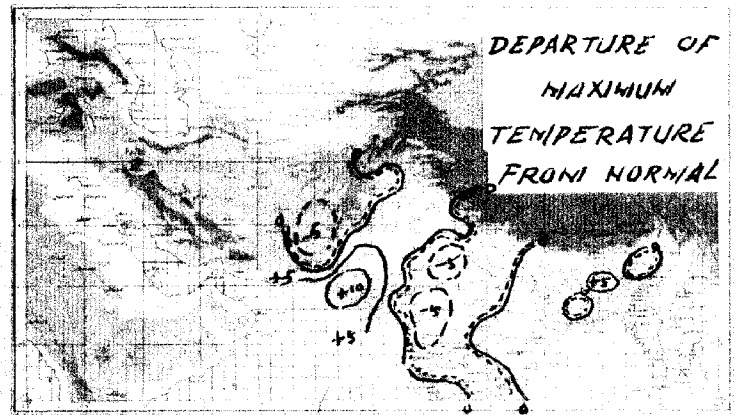


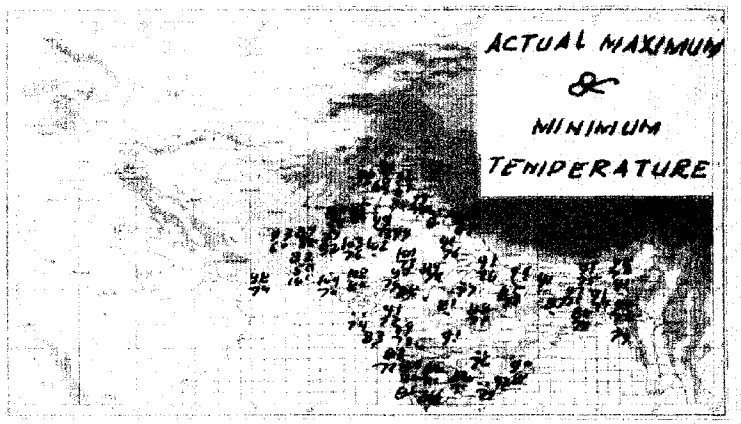


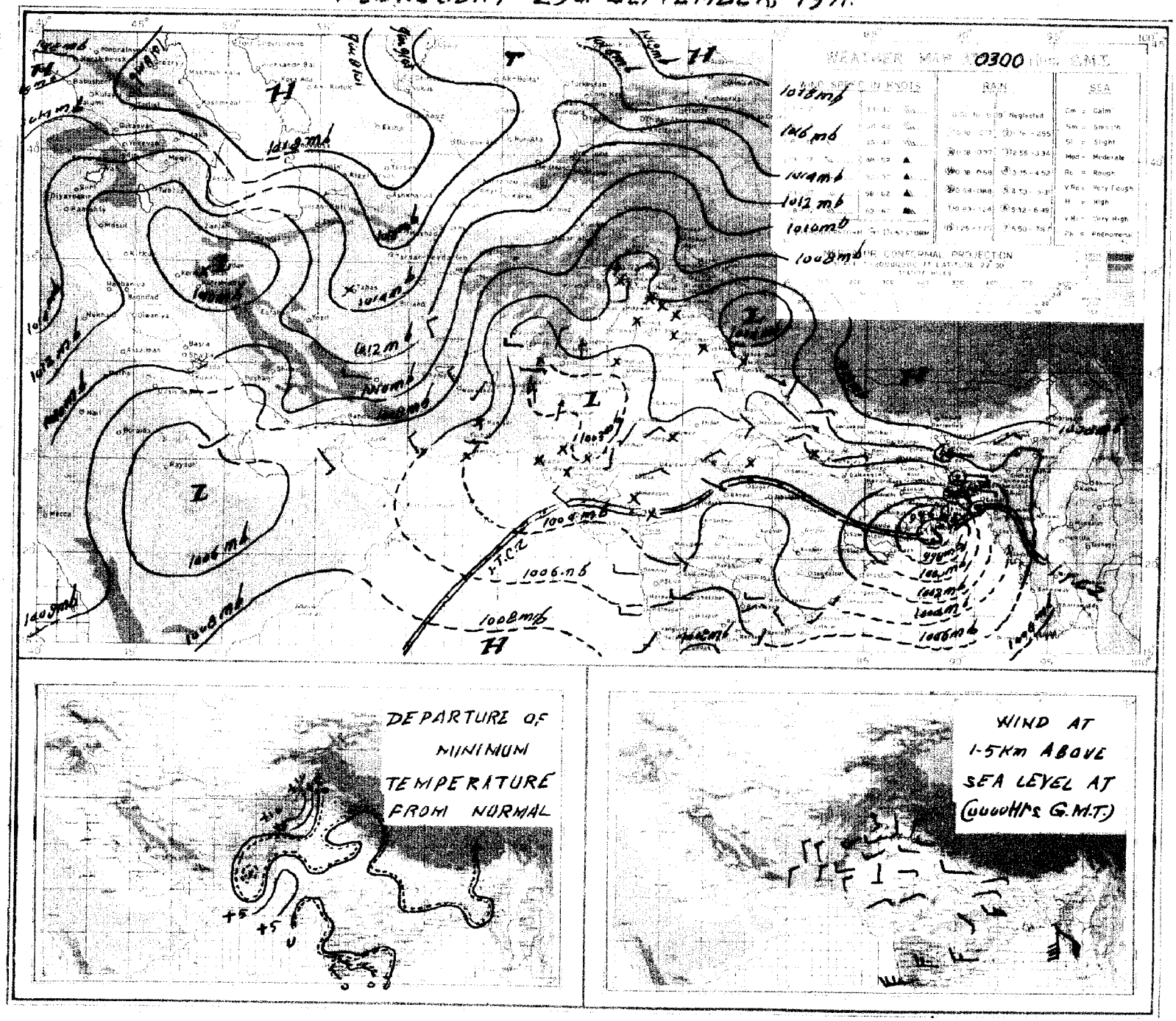
PAKISTAN DAILY WEATHER MAP

TUESDAY 28th SEPTEMBER 1971







PAKISTAN DAILY WEATHER MAP

WEDNESDAY 29th SEPTEMBER, 1971.