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PAKISTAN DAILY WEATHER REPORT

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TUESDAY THE 1st JULY, 1969.
Summary of observations recorded at 0300 Hrs. G.M.T.

The Monsoon trough continues to extend from Rajasthan to west Bengal and neighbourhood.

Rain/thundershowers have been fairly widespread in Rajshahi division and local elsewhere in east Pakistan. Yesterday's low pressure area off Moharashtra coast has widespread and lies as trough of low pressure off north Maharashtra coast. The seasonal trough of low pressure now lies over Quetta and Kalat divisions and is more marked. Under its influence rain/thundershowers have been local in Rawalpindi division and scattered in Sargodha and Peshawar divisions. Thunderstorm/duststorms also occured at a few places in Lahore and Multan divisions respectively and a few falls of light rain in Karachi division. Weather remained dry elsewhere in west Pakistan.

Chief amounts of rainfall are : Khulna 2", Pabna and Rangpur 1½" each; Comilla, Faridpur, Sirajganj and Bogra 1" each, Rangamati, Sylhet and Sargodha 3/4" each and Srimangal, Mymensingh, Jessore, Dinajpur, Rawalpindi and Kakul ¼" each.

Day temperatures were 3—8 °F (2—4 °C) above normal in Rajshahi, Bahawalpnr and Quetta divisions and to the same extent below normal in Dacca, Khulna, Lahore, Rawalpindi, Sargodha, Peshawar and D. I. Khan divisions.

Forecast valid until the evening of 2nd July 1969 :— Fairly widespread rain/thudershowers are likely to occur in east Pakistan local in Rawalpindi, Peshawar, Sargodha, Lahore divisions and ~~Kashmir and~~ scattered in ~~Multan and~~ D. I. Khan divisions. A few dust/thunderstorms are also likely to occur elsewhere in west Pakistan outside Kalat division.

Karachi-11
The 1st July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	070	4	7	13	02	98	02	9	011	77	5	3	5	7	1	77	90
	Cox's Bazar	010	6	7	18	07	97	02	6	009	82	5	3	4	7	0	81	87
	Chittagong	002	8	7	13	10	96	2	6	002	84	5	3	4	2	0	75	87
	Maijdee Court				...		...		...	...		...	...	...		...	...	...
	Comilla	000	0	5	3	02	96	02	2	985	84	5	4	5	0	0	81	86
	Brahmanbaria	000	0	6	18	02	97	3	1	983	81	2	5	5	0	7	79	88
	Sylhet		...	...			...	...						...		...	...	...
	Srimangal	020	0	4	/	//	96	01	0	999	81	2	5	5	7	1	79	92
Dacca	Mymensingh	030	6	6	13	02	97	07	2	989	84	6	5	5	0	0	84	87
	Narayanganj	000	0	8	13	03	94	03	2	988	82	8	6	3	/	/	77	82
	Dacca (Tezgaon)	005	6	7	18	05	97	02	6	982	82	7	9	3	7	0	77	87
	Faridpur	000	0	8	26	09	6	02	2	991	82	6	4	5	1	0	79	87
Khulna	Barisal	003	0	8	18	02	97	02	5	993	81	5	8	4	2	0	79	81
	Khulna	000	0	5	13	05	97	03	0	978	82	2	3	9	0	1	79	90
	Satkhira	000	0	6	18	02	97	01	0	978	82	2	3	9	0	1	79	90
	Jessore	013	6	7	13	06	97	02	6	971	82	1	3	4	7	0	79	00
Rajshahi	Pabna	025	6	8	13	02	96	03	5	970	82	2	7	6	7	0	81	90
	Sirajganj	110	3	6	18	03	97	02	2	974	82	6	0	7	6	0	79	86
	Rajshahi	000	0	8	33	03	97	60	6	973	84	8	7	5	/	0	//	91
	Bogra	016	1	8	00	00	96	61	6	980	//	6	4	3	2	0	81	87
	Dinajpur	025	1	6	09	03	96	02	0	971	84	3	5	6	2	/	//	//
	Rangpur	090	8	5	09	02	96	01	6	940	82	5	0	9	2	0	75	55
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	05	03	96	02	1	945	96	0	0	9	0	0	58	00
	Sialkot	000	0	0	00	00	96	00	0	988	96	0	0	9	0	0	63	96
Rawalpindi	Jhelum	012	2	0	00	00	98	01	9	952	94	0	0	9	0	0	62	95
	Islamabad	002	8	6	00	00	97	03	6	///	91	3	2	6	1	9	62	91
	Rawalpindi	033	6	1	05	02	99	00	9	970	91	0	0		0	8	64	94
	Campbellpur																	
Sargodha	Khushab	000	0		09	00	98	03	2	947	96	4	9	8	4	0	62	00
	Sargodha	...	...	...	...	...			...		...		...	...	...		...	...
	Lyallpur	000	0	0	36	07	96	00	0	942	00	0	0	9	0	0	73	04
Multan	Sahiwal																	
	Multan	000	0	4	00	00	97	02	2	922	03	0	0	9	0	2	73	05
	Leiah	000	0	0	36	01	95	00	0	917	05	0	0	9	0	0	69	08
Bahawalpur	Khanpur	000	0	0	00	00	95	06	0	950	//	0	0	9	0	0	64	12
	Bahawalpur	000	0	0	00	00	96	00	0	921	08	0	0	9	0	0	64	10
	Fort Abbas	000	0	2	//	//	98	00	2	862	//	0	0	9	0	5	87	95
Peshawar	Chakdra	000	0	5	23	03	97	03	0	915	95	0	0	9	0	5	73	96
	Peshawar	000	0	/	36	01	96	05	0	922	00	1	1	1	1	0	60	00
	Haripur	000	0	0	13	05	97	10	0	953	89	0	0	9	0	0	56	03
D. I. Khan	Bannu	000	0	7	09	02	98	03	2	933	99	0	0	9	1	7	62	00
	D. I. Khan	000	0	0	00	00	98	00	0	936	04	0	0	9	0	0	69	03
Quetta	Sibi	000	0	0	18	03	97	02	0	963	15	0	0	9	0	0	59	16
	Nokkundi	000	0	0	31	14	95	05	0	956	08	0	0	9	0	0	55	//
Kalat	Turbat	000	0	0	23	02	96	00	0	985	09	0	0	9	0	0	92	09
	Jiwani	000	0	1	18	09	96	03	0	943	87	0	0	9	0	0	79	91
	Pasni	000	0	0	25	12	97	02	0	976	90	0	0	9	0	0	75	92
Karachi division	Ormara	000	0	3	25	10	96	06	6	960	88	3	6	6	0	0	81	92
	Lasbela	000	0	0	23	03	97	00	0	931	99	0	0	8	0	0	75	06
	Karachi (Manora)	000	0	4	23	12	97	03	1	962	88	4	6	4	0	0	80	89
	Karachi (Ariport)	000	0	5	23	12	96	03	0	963	89	5	6	5	0	0	76	92
Hyderabad	Nagarparker	000	0	0	18	02	97	02	0	938	03	0	0	9	0	0	67	04
	Chhor	000	0	0	23	21	96	07	0	938	01	0	0	9	0	0	72	00
	Hyderabad	000	0	0	20	10	96	06	0	941	00	0	0	9	0	0	73	01
	Badin	000	0	0	23	12	96	02	0	///	//	0	0	9	0	0	76	99
Khairpur	Padidan	000	0	3	30	13	96	03	0	910	12	3	4	9	0	6	57	13
	Nawabshah	000	0	2	18	12	96	03	0	915	10	2	1	6	0	0	75	11
	Sukkur	000	0	6	05	02	96	03	2	947	10	6	0	9	9	0	65	11
	Kashmore	000	0	0	10	02	97	05	4	944	08	0	0	9	0	0	66	10
	Jacobaba	000	0	0	18	05	97	02	0	900	10	7	6	9	9	5	//	//
Junagadh	Verav																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	002	8	8	09	03	97	17	6	415	73	8	9	/8	0	0	56	75
Peshawar	Drosh *	000	0	0	18	12	98	00	0	423	90	0	0	9	0	0	58	91
	Cherat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	-
	Kakul *		...	...	...		...		...				...		...	...		
	Landikotal *	000	0	0	31	05	98	02	0	///	91	0	0	[illegible]	0	0	60	//
	Prachinar *																	
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	403	96	0	0	9	0	0	54	96
	Wana *	000	0	0	13	02	99	00	0	431	90	0	0	9	0	0	54	94
Quetta	Fort Sandeman *	000	5	3	31	05	97	03	0	378	83	3	4	7	0	0	24	99
	Hindubagh *	000	0	0	23	02	97	02	0	363	98	0	0	9	0	0	71	00
	Loralai *	000	0	0	18	06	98	00	0	420	97	0	0	9	0	0	68	00
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	377	03	0	0	9	0	0	51	//
	Samungli (Quetta) *	000	0	1	31	05	96	02	2	381	97	1	8	9	0	0	58	99
	Chaman *	000	0	0	34	05	97	00	0	424	94	0	0	9	0	0	51	09
	Nushki *	000	0	0	27	03	97	02	0	588	81	0	0	9	0	0	68	82
	Dalbandin *	000	0	0	18	05	98	02	0	405	07	4	0	9	9	0	//	09
Kalat	Kalat *	000	0	0	29	02	97	02	0	374	87	0	0	9	0	0	54	91
	Khuzdar *	000	0	0	27	04	97	02	0	373	02	0	0	9	0	0	12	03
	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 † Wc (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	070	0	2	18	05	97	01	1	033	86	1	4	7	3	1	77	79	—	—	—	—	—	—
	Cox's Bazar	010	0	5	13	12	97	03	1	025	86	4	3	4	6	/	81	//	+ 2	/	16.1	— 16.[illegible]	[illegible]3.7	140
	Chittagong	032	6	5	13	07	97	02	9	024	86	3	8	4	3	0	77	67	+ 1	+ 2	25.9	+ 4.2	3[illegible].1	108
	Maijdee Court	000	9	6	18	05	97	02	2	013	81	3	2	5	2	0	79	76	—	— 2	—	—	—	115
	Comilla	110	9	4	15	00	96	02	1	026	06	4	4	7	0	0	79	77	+ 1	— 1	31.3	— 12.5	44.2	54
	Brahmanbaria	000	0	4	18	15	97	03	1	019	85	4	5	5	0	0	79	81	—	—	—	—	—	78
	Sylhet	081	9	8	05	05	96	02	5	012	82	6	9	4	2	.	79	77	—	—	—	—	—	—
	Srimangal	020	9	5	//	//	96	02	6	029	85	2	5	5	2	2	81	79	+ 0	+ 1	—	—	—	58
Dacca	Mymensingh	030	0	6	13	02	97	02	2	078	86	6	5	5	0	0	86	81	0	+ 3	16.3	— 1.7	31.5	91
	Narayanganj	000	0	6	13	02	97	02	0	011	86	6	6	6	/	/	79	81	— 6	+ 2	14.1	+ 1.3	37.5	74
	Dacca (Tezgaon)	005	0	7	13	02	97	61	/	015	85	6	7	3	0	0	79	81	—	—	7.8	—	19.8	—
	Faridpur	114	0	8	16	05	97	02	2	003	86	6	4	5	1	0	82	77	0	— 1	—	—	—	71
Khulna	Barisal	003	9	7	18	02	97	02	6	013	82	5	8	4	2	0	81	79	— 6	0	—	—	—	81
	Khulna	230	9	8	00	00	97	03	0	999	81	4	4	4	0	0	//	79	+ 2	+ 1	—	—	—	68
	Satkhira	000	0	6	18	02	97	01	0	019	82	2	3	9	0	1	79	81	+ 1	+ 3	—	—	—	65
	Jessore	030	3	8	13	08	97	21	6	008	83	6	7	3	2	0	79	81	/	—	—	—	—	65
Rajshahi	Pabna	145	0	6	13	05	98	01	1	063	86	3	8	6	7	0	81	79	—	—	—	—	—	59
	Sirajganj	110	9	6	13	02	98	01	2	008	85	6	2	6	0	0	81	79	— 1	+ 1	—	—	—	64
	Rajshahi	007	5	7	13	02	96	03	1	003	81	7	3	4	0	0	81	81	+ 1	+ 2	—	—	—	—
	Bogra	089	2	8	13	02	96	21	6	010	8[illegible]	4	5	4	2	/	79	79	— 1	+ 1	8.5	— 5.1	9.5	69
	Dinajpur	037	3	6	09	02	96	02	2	017	85	4	5	6	2	/	79	81	/	+ 3	—	—	—	72
	Rangpur	126	7	7	09	02	96	01	6	992	82	7	0	9	2	0	79	72	+ 7	— 6	—	—	—	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	8	6	23	02	96	03	9	///	//	3	5	6	3	1	67	81	— 4	+ 1	0.6	— 1.2	5.2	19
	Sialkot	000	0	0	00	00	97	00	0	990	73	0	0	9	0	0	67	61	— 6	— 20	0.4	— 2.2	5.0	32
Rawalpindi	Jhelum	012	1	8	31	03	96	17	3	007	82	5	9	6	2	/	70	77	—	—	0.3	—	9.7	—
	Islamabad	016	3	7	00	00	97	16	6	///	70	4	8	7	2	0	60	73	—	—	—	—	—	—
	Rawalpindi	035	1	8	00	00	98	02	9	002	77	8	4	6	0	0	70	73	+ 8	+ 4	1.1	— 1.3	0.7	36
	Campbellpur																							—
Sargodha	Khushab	///	1	8	//	//	94	64	2	015	79	2	8	6	0	0	73	77	— 5	— 6	—	—	—	15
	Sargodha	075	2	7	36	12	99	55	9	024	73	7	9	6	2	0	72	72			1.7	—	5.6	—
	Lyallpur	000	0	4	29	02	96	02	0	987	77	4	3	8	0	0	77	81	+ 1	— 2	0.2	— 1.1	3.1	12
Multan	Sahiwal																							10
	Multan	000	0	7	00	14	93	07	0	979	88	3	5	6	2	0	68	86	+ 1	0	1.0	+ 0.3	4.0	7
	Leiah	000	0	0	36	02	93	09	0	956	92	0	0	9	0	0	70	76	—	—			—	8
Bahawalpur	Khanpur	000	9	0	18	07	96	05	3	///	79	0	0	9	0	0	70	85	+ 4	+ 2	—	—	—	6
	Bahawalpur	000	0	0	00	00	95	00	0	983	90	0	0	9	0	0	67	85	+ 6	+ 1	—			6
	Fort Abbas	///	0	/	05	02	98	00	0	977	90	0	0	9	0	0	85	88	—	—	0.0	—	0.2	8
Peshawar	Chakdra	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...		—					—
	Peshawar	000	0	0	00	00	96	06	0	985	85	0	0	9	0	0	65	73	— 5	— 7	—	—	—	11
	Haripur	000	5	7	45	03	97	03	2	018	81	7	0	9	0	7	61	73	—	—	—	—	—	—
D. I. Khan	Bannu	000	0	7	00	00	98	06	1	978	86	0	0	9	0	7	70	81	—	—	0.1		0.9	11
	D. I. Khan	000	0	0	05	02	98	00	0	976	88	0	0	9	0	0	67	81	— 3	— 2	0.2	— 0.5	2.7	9
Quetta	Sibi	000	0	0	23	03	97	02	0	978	92	0	0	9	0	0	72	91	—	—	0.0	—	1.1	5
	Nokkundi	000	0	0	31	17	96	02	0	942	92	0	0	9	0	0	42	86	/	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	23	02	96	00	0	866	84	0	0	9	0	0	78	//	—	/	0.0	—	0.2	—
	Jiwani	000	0	5	13	05	96	03	0	977	84	5	6	5	0	0	80	81	—	—	0.0	—	2.0	5
	Pasni	000	0	0	05	04	97	02	0	987	84	0	0	0	0	0	77	83	—	+ 1	0.0	— 0.3	0.0	6
Karachi division	Ormara	003	0	3	00	00	96	06	6	996	86	3	6	6	0	0	77	//	—	/	0.0	— 0.0	0.6	6
	Lasbela	000	0	0	00	00	98	00	0	988	84	0	0	8	0	0	77	75	—	—	0.0	—	0.0	8
	Karachi (Manora)	000	0	6	27	09	96	03	2	992	85	3	6	4	0	0	77	84	— 1	+ 2	0.0	— 0.7	0.1	8
	Karachi (Ariport)	000	0	7	27	03	96	02	1	992	85	7	6	5	0	0	75	84	—	—	0.0	—	0.0	—
Hyderabad	Nagarparker	000	0	0	18	02	97	00	0	980	87	0	0	9	0	0	75	84	—	—	0.0		0.0	—
	Chhor	000	0	2	23	12	96	01	0	985	87	2	5	6	0	0	84	82	—	—	0.0	—	0.1	7
	Hyderabad	000	0	3	23	09	97	03	0	981	87	3	6	5	0	0	73	82	— 1	—	0.0	— 0.5	0.1	9
	Badin	000	0	4	23	01	96	03	0	005	85	0	0	9	0	6	78	81	+ 1	— 1	0.0	— 1.3	0.0	—
Khairpur	Padidan	000	9	0	18	05	96	02	3	972	88	0	0	9	0	0	73	83	—	—	0.0	—	0.0	—
	Nawabshah	000	0	0	13	10	96	02	0	972	86	0	0	9	0	0	76	80	—	—	0.0	—	0.0	4
	Sukkur	000	0	0	20	10	96	02	0	973	85	0	0	9	0	0	75	83	—	—	0.0	—	0.0	—
	Kashmore	000	0	0	18	02	98	02	0	977	90	0	0	9	0	0	72	85	—	—	0.0	—	0.0	4
	Jacobaba	000	0	0	18	16	96	02	0	976	87	0	0	9	0	0	79	85	/	0	0.0	— 0.3	0.3	20
Junagadh	Verav																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	005	9	8	13	03	97	61	9	447	61	8	5	3	/	/	56	59	+ 1	+ 0	1.7	— 2.6	20.3	18
Peshawar	Drosh *	000	0	0	00	00	97	06	0	420	81	0	0	9	0	0	56	72	— 1	— 1	0.4	—	11.5	29
	Cherat *	000	0	0	18	05	98	00	0	427	73	0	0	9	0	0	57	//	+	/	0.1	— 1.1	9.4	—
	Kakul *	025	/	7	09	05	96	01	6	447	70	7	3	4	0	0	61	65	—		0.8	—	16.2	—
	Landikotal *	000	0	0	31	05	98	02	0	428	82	0	0	9	0	0	57	73	—	—	0.0	—	10.5	29
	Prachinar *	000	0	0	00	00	97	05	0	432	72	0	0	9	0	0	68	67	+ 1	+ 1	—	—	..	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	427	82	0	0	9	0	0	59	82	—	—	0.3	— 0.7	1.7	11
	Wana *	000	0	0	00	00	98	00	0	452	79	0	0	9	0	0	50	62	—	—	0.0	—	3.5	11
Quetta	Fort Sandeman *	000	0	0	23	00	97	02	0	412	82	0	0	9	0	0	57	77	— 2	— 1	0.0	— 0.7	4.3	—
	Hindubagh *	000	0	0	00	00	97	02	0	430	81	0	0	9	0	0	42	68	—	—	0.0	—	3.3	9
	Loralai *	000	0	0	13	02	98	00	0	421	75	0	0	9	0	0	53	55	—	—	0.0		0.0	—
	Barkhan *																							14
	Harnai *	000	0	0	00	00	96	02	0	405	89	0	0	9	0	0	63	//	—	/	0.0	— 0.8	1.7	9
	Samungli (Quetta) *	000	0	0	13	03	96	05	0	416	82	0	0	9	0	0	66	67	+ 5	—	0.0	— 0.2	2.7	8
	Chaman *	000	0	0	16	05	97	00	0	427	90	0	0	9	0	0	49	83	+ 8	+ 7	0.0	— 0.0	2.7	—
	Nushki *	000	0	0	07	05	97	02	0	534	76	0	0	9	0	0	67	74	—	—	0.0	—	2.2	4
	Dalbandin *	000	0	0	05	02	97	02	0	417	93	0	0	9	0	0	//	73	+ 2	— 2	0.0	— 0.0	0.6	7
Kalat	Kalat *	000	0	0	16	02	97	02	0	412	75	0	0	9	0	0	50	58	0	— 4	0.0	— 0.2	1.3	—
	Khuzdar *	000	0	0	00	00	96	05	0	400	84	0	0	9	0	0	65	77	—	—	0.1	—	1.4	5
	Panjgur *																							—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

National Oceanic and Atmospheric Administration

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March 28, 2002

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 1st JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	$7RR t_Rt_R$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Camatia	99 1 83	10 5 79	30 0 63	02 0 24	97 0 00	0/ 7 25	00 0 00	53 2 27			00 4 23	...	30 7 04	20 2 06
Camentia	99 1 82	10 5 68	30 1 23	02 2 24	97 0 00	59 5 24	00 0 03	53 7 42			00 6 21		30 4 04	21 7 07
Croixd	99 0 84	10 5 31	0/ 1 24	32 2 33	97 9 23	45 0 27	21 4 03	52 2 10			00 0 24	12 7 02	30 6 06	21 8 07
Croixd	99 2 96	10 5 54	30 0 64	52 1 20	97 0 32	09 5 27	41 4 01				00 1 23	12 6 05	30 6 06	22 3 08

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
		PoPoPo ToToTo DoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	998 264 20	...	410 190 15	076 110 25	580 032 31	753 137 37	966 257 69	245 481 //	...	..	...	-	...
Dacca ...	00 00	000 280 26	...	400 184 31	0 8 114 39	582 025 28	/// /// //	973 255 64	254 485 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	996 280 04	...	400 224 59	068 134 62	578 065 //	751 131 //	955 245 //	261 431 //	...	...	...	...	—
Multan ...	00 00	984 312 66	...	20/ 260 30	061 170 //	558 025 //	760 131 //	786 121 //	...	...	...	...	...	...
Peshawar ...	00 00	957 270 62	...	400 252 62	074 170 60	585 816 4/	760 01/ //	978 179 //	274 352 //	...	...	...	...	...
Quetta ...														
Sargodha .	00 00	985 260 55	...	450 260 58	138 110 58	582 101 //	751 191 //	5 // 340 //	241 415 //	..	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.									Max. Wind Speed	TROPOPAUSE	
		PPP TT T_a DD									PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 210 17	800 158 15	600 034 27	...	...	...	...	...	...	...	-	...
Dacca ...	00 00	900 208 03	800 168 50	600 066 44	350 177 60	...	...	...	...		...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	.	...	...	...
Multan ...	00 00	...	..	...	...	...	...	...	...	...	-	-	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	..	..

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16	18	19	20	21	22	23	24	25	26	27
Bogra ...	180 26	180 22	180 19	...			...	...	...	145 13	155 12	160 1/		355 33	...	115 19	155 18	155 17		165 17		...	...	...	...	...
Chaklala ...		085 05	120 01	215 06	280 01	325 10	315 16	345 08	050 0/	..	120 0/	130 08	135 07	...	...		055 72	080 10	025 02	300 00	005 01	..	...		...	...
Chhor ..	226 19	220 19	210 19	200 0/	233 12	200 05	200 12	020 16	360 14	205 15	215 15	245 14	250 07	...	...	215 08	205 12	200 12		...	...	...	..	...	...	.
Chittagong ...	160 01	175 18	185 17	185 22	205 19		..	...	...	...	...	...	...	...	...	..		...	...	...	..	..	..	.	...	..
Cox's Bazar ...	18) 7/	195 09	160 11	...	...	...	...	...	...	160 13	160 20	175 15	200 12	200 13	...	16) 23	16) 19	150 19	170 19	170 17	.	...	..	...	...	...
Dacca ...	170 16	180 18	200 10	...					...	155 19	165 15	190 16	/// /·	119 15	...	155 23	155 25	155 25	155 9/	210 13		..	.	...	.	...
Dalbandin ...		...	170 02	170 01	025 05	045 09	010 18	010 34	010 31		...	235 04	345 10	360 07	320 03	..	...	080 05	260 09	355 07	025 03	325 05	020 25	020 37	...	...
D. I. Khan ...	060 07	095 07	100 08	110 11	...	...	...	..	...	055 10	000 00	085 14		...	...	No	Ascent	...		...	..	...	..	...	...	...
Drosh ..	...	...	...	...	...	...	...	...	...	225 06	195 02	125 14	200 01	/// //	205 02	.	...	...	...	...	..	...	...	...	...	...
Fort Sandeman ...			...	015 02	120 01	270 10	275 25	...	315 24	..			175 09	200 08	/3) 10		...	..	015 03	300 01	080 03	280 12	280 12	275 21	...	...
Jacobabad ...	150 07	135 08	135 05	175 05	240 04	/// //	251 05	275 21	...	130 17	145 11	170 09	185 06	205 06	200 09	115 04	045 05	050 07	050 10	005 03	...	...	...	...	...	...
Jessore ...	185 19	195 22	190 21	195 20	205 17	200 01	...			130 08		...				115 11	165 14	170 12	170 15	..		...	...	...	..	...
Jhelum ...	070 02	045 06	050 05	150 03	285 08	300 11	/// //	305 13	300 19	120 06	115 13	115 15	135 10	165 06		010 04	030 05	035 04	260 03	270 04	190 06	345 02	...	...	..	...
Jiwani ...	170 10	100 03	140 03	340 06	350 15	350 22	335 21	015 19	030 22	/20 09	070 01	235 03	335 03	065 10	015 08	115 04	045 05	050 07	050 10	005 03		.	...	...	...	...
Karachi ...	245 15	250 1/	350 15	/// //	265 12	/// //	...	...	...	...	...	...	...	...	...	260 06	300 05	355 05		...		...		...		...
Khanpur ...	325 06	305 06	300 00	270 04	230 08	235 10				...	...	..				190 25	205 29	205 28	205 19	205 19	180 13	280 10	260 15	300 23	310 06	325 19
Lahore ...	055 18	060 07	/// //	060 07	/// //	095 07	/// //	100 08	/// //	135 04	180 05	170 03	125 0/	05/ //	335 03	295 05	280 08	275 07	290 06	310 04	145 03	...	...	...	.	...
Multan ...	075 08	070 12	080 12	225 06	220 06	285 09	290 25	290 22	290 23	215 14	220 17	23. /9	...	...	..	215 07	205 11	205 12	...	...			...		...	...
NawabShah ..	218 05	235 04	273 03	255 08	305 10	305 10	330 15	358 17	355 18	190 16	205 04	005 01	070 09	335 07	...	175 10	190 05	125 03	005 06	335 05	050 08	050 20	350 15	015 22	..	...
Panigar ...	...			...				...	...	...			...	...		...	...		...	...					...	...
Peshawar ...		055 09	100 07	175 08	210 06	305 36	360 29	350 24	355 20	...	320 17	295 10	245 12	275 15	310 20	...	060 04	080 04	200 06	250 07	315 13	005 15	025 23	025 23	...	...
Quetta ...					240 04	310 08	030 09	030 20	360 34	...				240 07	201 4/		...			260 51	2.5 15	318 10	340 23	335 25	...	..
Sargodha ...	100 00	115 08	125 07	135 05	260 04	345 04	180 01	295 29	280 32	135 05	145 17	155 20	165 14	340 10	330 04	245 12	059 18	060 12	059 18	095 11	..	...	...	...	...	.
Sylhet ...	220 13	200 13	200 2/	...	...	..	...	...	...	150 10	175 16	180 19	...	195 06	...	115 03	165 06	180 08	...	...	...	...	...	...	.	...
Veraval ...	...	...		...	...	.		...	...	...		.	...			...		...	..	...	.	...	..	...	...	...

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

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

Height in g.p. Kms. a.s.l.—>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi	255 17	255 15	270 18	280 22	295 20	360 16	010 19	030 25	355 23	...	...	...	...	...	...	...	...	..
Peshawar ...																		
Quetta ...																		

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

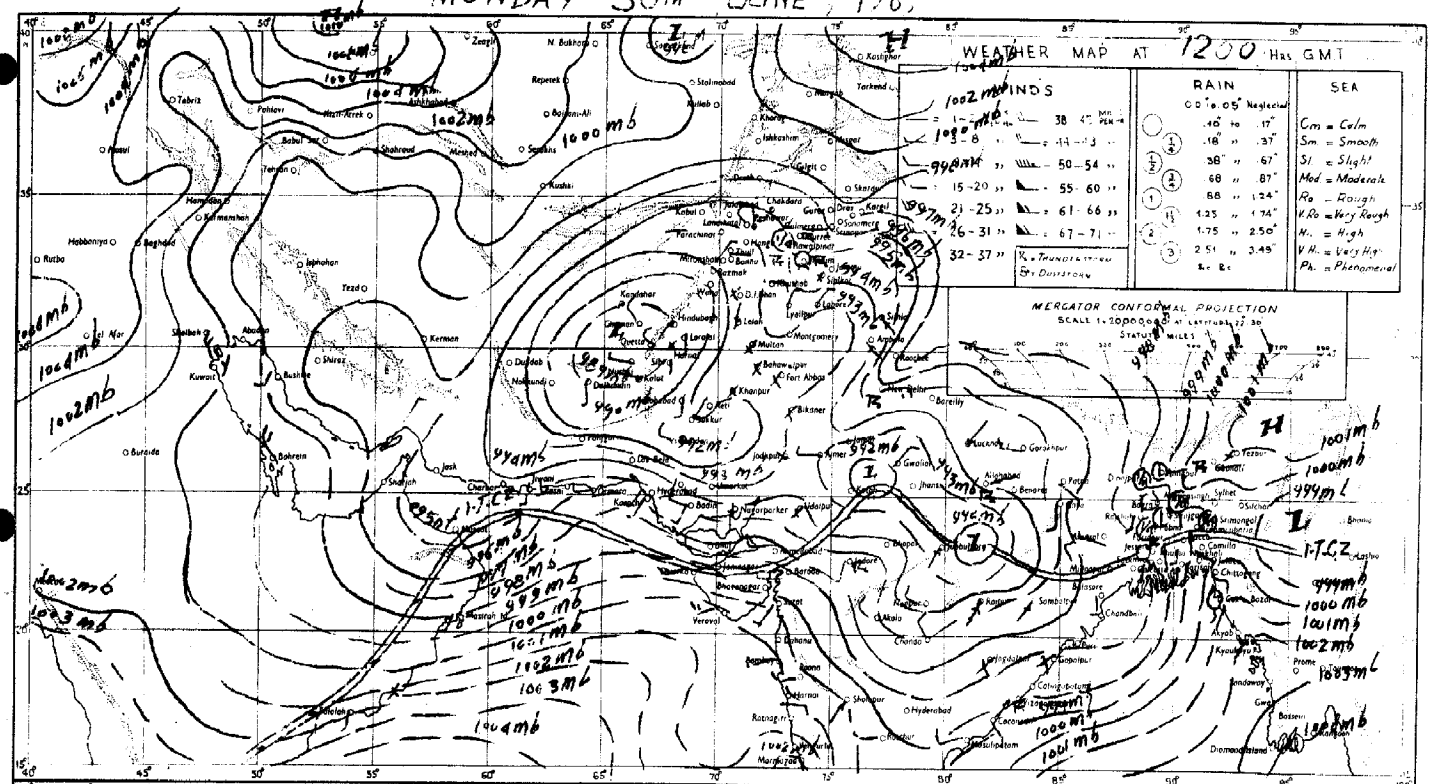
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff - Wind speed in knots.

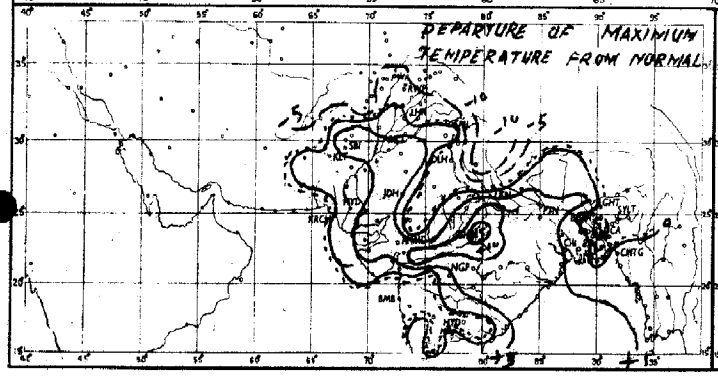
Cloud observation Data (IIiii Cdd V, V, etc.)

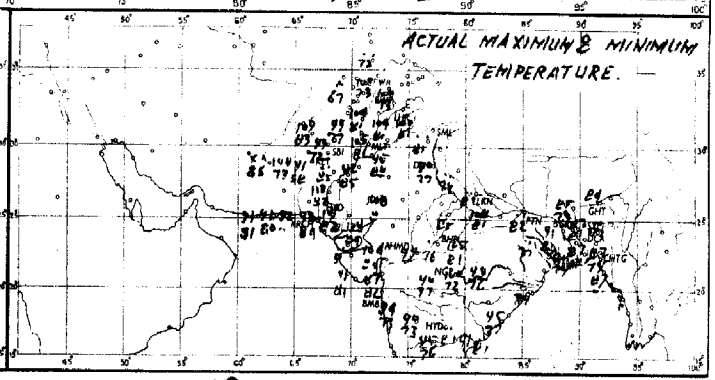
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

MONDAY 30th JUNE, 196



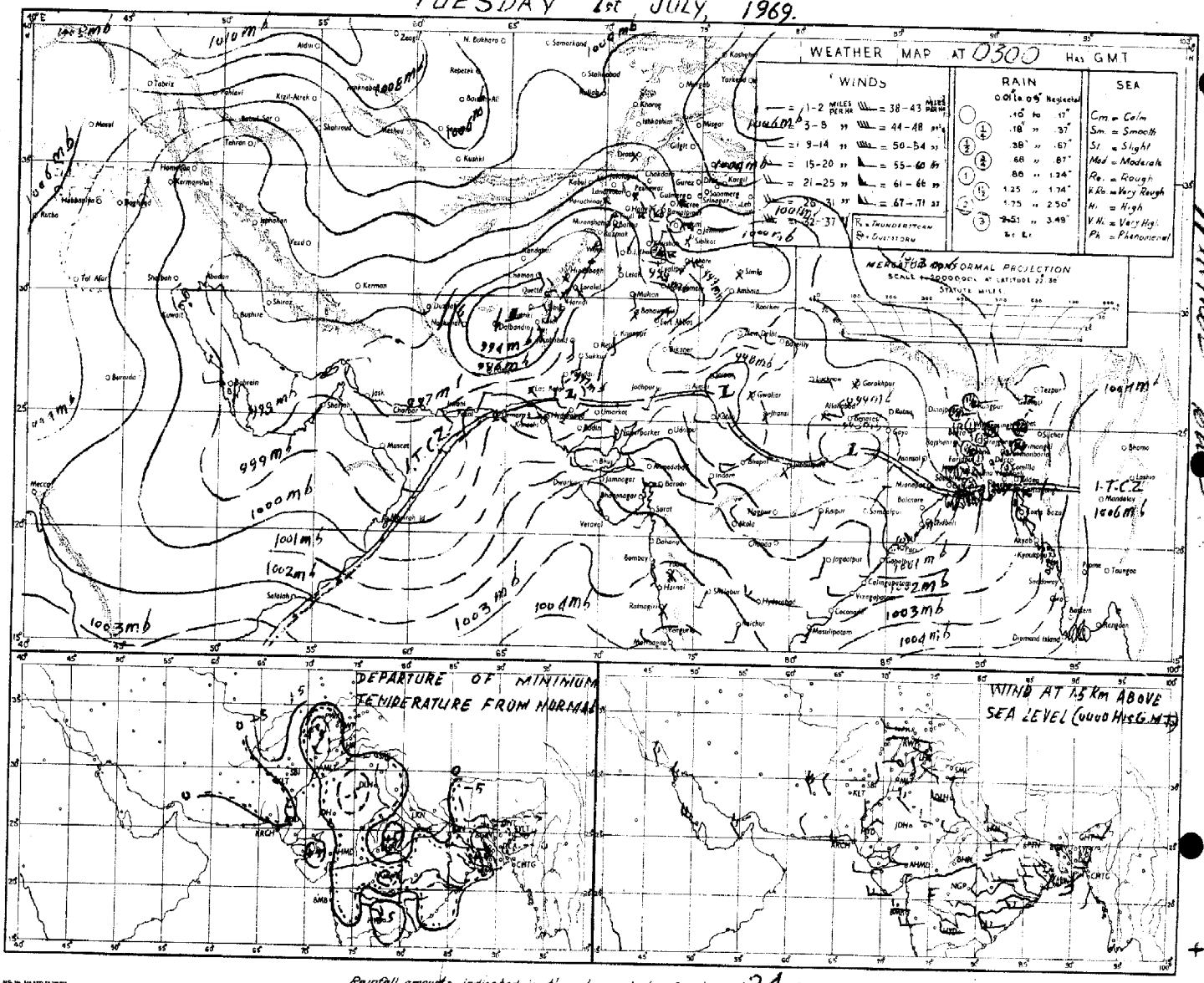




Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

TUESDAY 1st JULY, 1969.



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

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

Reg. No. S-1467
Volume No. 23

2 - APR 10
Copy 1970

WEDNESDAY THE 2nd JULY, 1969.
Summary of observations recorded at 0300 Hrs. G.M.T.

A well marked low pressure area lies over north West Bay of Bengal. Local rain/thundershowers have occurred in Rajshahi division and scattered elsewhere in East-Pakistan. The seasonal trough of low pressure lies over Quetta and Kalat division and is well marked. Under its influence scattered rain/thundershowers occurred in Bahawalpur division. Thunderstorms/light showers also occured at a number of places in Rawalpindi division and at a few places in Sargodha, Peshawar, D. I. Khan and Quetta divisions. Weather remained dry elsewhere in West Pakistan.

Chief amounts of rainfall are : Rangpur (upto 1200 Z) 2", Srimangal 1½". Mymensingh and Sirajganj 3/4" each, Bogra ½" and Dinajpur (upto 1200 Z) ¼".

Day temperatures were 3—6 °F (2—3 °C) above normal in Chittagong, Dacca and south Quetta divisions and 3—9 °F (2—5 °C) below normal elsewhere in the country outside Lahore, Multan, Kalat, Karachi and Hyderabad divisions.

Forecast valid until the evening of 3rd July 1969 :— Fairly widespread rain/thudershowers are likely to occur in East Pakistan. Scattered thunderstorm/showers are also likely to occur in Quetta, D. I. Khan Rawalpindi and Hyderabad divisions.

Karachi-11
The 2nd July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

DIVISIONS	STATIONS	Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) ° (PPP)	Dry Bulb temperature ° (TT)	Amount of Lowest Clud † (Nh)	Low Clod from † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud from † (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	0C6	4	6	18	02	98	02	6	997	85	5	3	7	6	/	78	91
	Cox's Bazar	000	0	4	18	14	57	02	1	582	82	3	3	5	6	1	81	87
	Chittagong	000	0	6	18	10	97	02	2	991	86	4	3	4	0	2	77	91
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Comilla	000	0	0	18	C5	96	02	2	586	86	0	0	9	0	0	77	90
	Brahmanbaria	C00	0	4	8	C5	57	C3	1	580	86	4	5	5	0	0	8J	90
	Sylhet	C00	0	6	05	05	56	02	7	580	87	4	4	5	0	2	77	90
	Srimangal	095	9	6	/	//	96	02	6	550	85	4	9	4	3	1	8J	50
Dacca	Mymensingh	CB3	2	4	C0	00	57	02	0	552	80	4	4	9	0	0	78	50
	Narayanganj	000	0	3	01	02	94	C3	1	577	90	2	6	6	3	1	78	90
	Dacca (Tezgaon)	0C0	0	4	18	02	58	02	6	978	87	2	4	4	0	1	78	89
	Faridpur	009	4	4	16	02	56	01	6	583	85	2	4	5	1	0	78	86
Khulna	Barisal	C00	0	4	18	03	97	02	!	583	85	3	4	4	0	1	78	87
	Khulna	000	0	7	00	00	97	C3	0	983	85	3	3	4	0	3	76	86
	Satkhira	000	0	6	18	01	97	01	0	596	80	2	3	9	0	1	78	83
	Jessore	005	0	6	15	07	97	02	2	973	85	3	4	4	7	0	80	86
Rajshahi	Pabna	C00	0	6	//	02	98	//	2	971	86	3	8	6	7	0	83	90
	Sirajganj	000	0	4	00	C0	97	28	6	972	86	4	4	6	0	0	83	87
	Rajshahi	040	9	7	09	03	95	03	6	977	85	7	7	5	/	/	78	87
	Bogra	059	2	7	09	03	96	02	6	580	80	4	5	4	0	/	80	87
	Dinajpur	030	2	7	09	02	56	02	6	973	80	5	5	6	2	/	77	83
	Rangpur	222	8	7	09	02	96	61	6	933	80	7	0	9	2	0	78	86
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	2	31	03	95	05	1	938	00	1	0	9	3	1	60	00
	Sialkot	000	0	0	00	00	57	C0	0	///	C0	0	0	9	0	0	70	C2
Rawalpindi	Jhelum	000	3	3	31	02	58	01	9	946	96	1	0	9	3	1	67	96
	Islamabad	005	/	1	C0	00	97	01	6	///	91	1	2	6	0	0	67	91
	Rawalpindi	000	8	1	00	00	58	00	5	548	91	0	0	9	0	8	67	93
	Campbellpur																	
Sargodha	Khushab	///	0	0	18	//	58	C0	0	560	96	0	0	9	0	0	58	96
	Sargodha	006	9	5	05	C3	57	02	9	956	93	1	1	6	3	2	70	94
	Lyallpur	030	0	4	29	02	56	02	0	544	95	4	3	8	0	0	70	93
Multan	Sahiwal																	
	Multan																	
	Leiah	000	0	0	18	02	95	00	0	944	08	0	0	9	0	0	62	//
Bahawalpur	Khanpur	000	0	0	18	03	96	05	0	921	05	0	0	9	0	2	60	07
	Bahawalpur	000	0	4	00	00	55	00	0	954	58	0	0	9	0	0	63	02
	Fort Abbas	///	/	0	05	02	58	00	0	929	12	0	0	9	0	0	99	//
Peshawar	Chakdra	000	0	1	23	03	57	03	0	925	93	1	1	7	0	0	76	95
	Peshawar	000	0	/	05	05	56	C6	0	937	96	1	1	6	0	0	64	98
	Haripur	000	0	0	23	02	58	00	0	587	96	0	0	9	0	0	63	96
D. I.-Khan	Bannu	000	2	7	06	02	58	06	3	948	91	3	2	7	6	7	63	00
	D. I. Khan	000	5	8	00	00	97	03	2	956	86	0	0	9	0	2	67	93
Quetta	Sibi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nokkundi	000	0	0	31	C3	96	02	0	907	10	0	0	9	0	0	53	12
Kalat	Turbat	000	0	0	27	02	56	00	0	585	10	0	0	9	0	0	94	10
	Jiwani	000	0	0	13	09	56	01	0	954	88	0	0	9	0	0	79	91
	Pasni	000	0	0	11	10	97	02	0	004	91	0	0	0	0	0	77	93
Karachi division	Ormara	000	0	0	18	07	96	02	0	964	83	0	0	9	0	0	81	92
	Lasbela	C03	0	0	13	03	97	00	0	930	00	0	0	8	0	0	75	06
	Karachi (Manora)	000	0	3	23	03	97	03	0	970	91	3	6	4	0	0	78	92
	Karachi (Ariport)	000	0	5	23	07	96	02	2	963	83	5	3	5	0	0	77	93
Hyderabad	Nagarparker	000	0	0	18	02	97	02	0	997	84	0	0	9	0	0	80	C4
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hyderabad	000	0	0	23	07	97	02	0	948	99	0	0	9	0	0	73	03
	Badin	000	0	4	23	06	96	02	0	975	99	0	0	9	0	4	75	99
Khairpur	Padidan	0C0	0	0	18	07	96	02	0	923	07	0	0	9	0	0	61	09
	Nawabshah	000	0	0	18	05	96	02	0	934	07	0	0	9	0	0	69	07
	Sukkur	000	0	0	23	02	96	02	0	918	10	0	0	9	0	0	77	10
	Kashmore	000	0	0	18	02	58	02	0	950	04	0	0	9	0	0	72	06
	Jacobabad	000	0	0	18	07	57	02	0	917	C6	0	0	9	0	0	76	06
Junagadh	Verav																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	005	8	2	27	03	58	01	6	411	73	2	1	4	0	0	[illegible]	76
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cherat *	000	0	0	18	02	58	00	0	409	87	0	0	9	0	0	63	90
	Kakul *	000	0	3	36	03	96	03	1	411	85	3	2	5	0	0	59	87
	Landikotal *	000	0	0	05	05	98	02	0	418	91	0	0	9	0	0	60	93
	Prachinar *	005	4	8	16	03	97	02	9	415	81	3	4	6	0	0	54	82
D.I. Khan	Miranshah *	000	0	0	00	00	97	C3	0	417	93	6	0	9	0	0	61	95
	Wana *																	
Quetta	Fort Sandeman *	000	2	3	07	07	95	05	9	393	89	3	4	7	0	0	57	95
	Hindubagh *	000	0	0	27	03	97	02	0	378	93	0	0	9	0	0	63	99
	Loralai *	000	0	6	18	02	58	01	0	388	91	0	8	0	8	8	77	98
	Barkhan *																	
	Harnai *	000	0	0	00	C0	90	20	/	372	97	0	0	9	0	0	68	98
	Samungli (Quetta) *	000	0	0	31	03	97	02	0	412	97	0	0	9	0	0	40	00
	Chaman *	000	0	0	20	05	97	00	0	447	84	0	0	9	0	0	45	08
	Nushki *	000	0	0	00	C0	97	02	0	556	88	0	0	9	0	1	74	90
	Dalbandin *	000	0	0	27	05	97	02	0	598	10	0	0	9	0	0	20	11
Kalat	Kalat *	000	0	0	30	03	97	00	0	487	87	0	0	9	0	0	54	91
	Khuzdar *	000	0	1	23	03	97	03	0	376	84	1	5	6	0	0	22	05
	Panjgur *																	

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

DIVISIONS	STATIONS	Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total clud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Konts (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature (TT)	Amounts of Lowest Cloud † (h)	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: Maximum temperature (TxTx)	Departure: Minimum Temperature (TnTn)	Rainfall: Since 1st June, 1969 to-date	Rainfall: Departure from normal	Rainfall: Since 1st January, 1969 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	006	0	3	18	02	97	01	1	033	81	1	1	7	6	2	77	81	—	—	—	—		—
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					140
	Chittagong	000	0	6	13	10	56	03	2	C83	//	1	8	5	1	2	77	77	+ 5	0	25.9	+ 3.5	3?.1	108
	Maijdee Court	0C0	9	5	18	02	57	03	2	011	82	3	2	5	2	0	77	77		— 2	—	—	—	115
	Comilla	000	0	6	13	C3	97	03	/	024	84	2	1	9	5	0	77	81	+ 4					94
	Brahmanbaria																		—	—	—	—	—	78
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Srimangal	137	9	5	//	//	96	03	9	C30	84	3	9	4	3	/	79	79	+ 3	+ 1	—	—	—	58
Dacca	Mymensingh	085	8	/	//	/	97	02	2	075	84	2	5	6	0	0	84	80	+ 3	+ 2	17.2	— 0.6	32.4	91
	Narayanganj	u00	0	8	13	02	57	02	2	026	87	8	6	6	/	/	81	82	+ 2	+ 3	14.1	+ 1.0	37.5	74
	Dacca (Tezgaon)	C06	9	1	18	02	97	02	2	019	86	5	8	4	3	0	79	75	—	—	8.0	—	19.8	—
	Faridpur	000	9	8	//	05	97	02	2	011	86	6	4	5	1	0	79	79	— 2	+ 1	—	—	—	71
Khulna	Barisal	913	2	7	18	05	57	02	6	005	84	7	4	4	0	0	79	81	— 1	+ 2	—	—	—	81
	Khulna	000	0	4	00	00	97	03	0	566	87	2	2	4	0	0	90	79	— 2	+ 1	—	—	—	68
	Satkhira	000	0	5	23	05	97	01	0	001	87	2	3	9	0	1	81	81	— 9	+ 3	—	—	—	65
	Jessore	000	0	7	13	09	57	03	1	007	84	6	6	3	0	8	75	81	—	—	—	—	—	65
Rajshahi	Pabna	C00	0	3	13	05	99	01	1	015	87	3	2	7	0	0	81	81	—	—	—	—	—	57
	Sirajganj	085	9	8	13	02	98	02	2	014	81	7	0	7	4	0	77	79	0	+ 1	—	—	—	64
	Rajshahi	003	0	8	13	03	95	03	/	011	84	8	5	5	/	0	79	79	— 2	0	—	—	—	—
	Bogra	067	9	6	13	03	96	02	0	013	84	4	8	4	0	8	79	79	— 2	+ 1	9.1	— 4.8	10.1	69
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 9					72
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	C0	96	05	9	581	50	0	0	9	0	0	68	82	— 2	+ 2	0.6	— 1.2	5.2	9
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					32
Rawalpindi	Jhelum	000	0	0	00	00	55	06	0	584	69	0	0	9	0	0	69	75	—	—	0.4	—	9.7	—
	Islamabad	0C0	0	0	00	03	97	01	0	///	84	1	1	7	0	0	65	73	—	—	—	—	—	
	Rawalpindi	0C0	0	0	36	07	58	C0	2	586	84	0	0	9	0	0	68	75	— 7	— 2	1.1	— 1.5	0.6	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	00	96	C6	0	582	84	0	0	9	0	0	73	73	— 8	— 10	—	—	—	15
	Sargodha	000	0	0	05	03	95	C6	0	589	84	0	0	9	0	0	73	77	—	—	1.7	—	5.6	—
	Lyallpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 6					12
Multan	Sahiwal																							10
	Multan																							7
	Leiah	000	0	4	36	02	96	02	0	578	50	4	3	8	0	0	73	81	/	— 2	0.2	— 1.2	3.1	8
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 0					6
	Bahawalpur	013	9	0	00	00	95	00	6	591	81	0	0	9	0	0	73	73	— 3	— 9	—	—	—	6
	Fort Abbas	000	0	0	00	00	97	00	6	///	//	0	0	9	0	0	82	//	—	/	0.0	—	0.2	8
Peshawar	Chakdra	000	0	0	03	00	96	02	0	975	82	0	0	9	0	0	69	73	—	—	0.1	—	9.5	—
	Peshawar	C00	0	0	00	00	56	06	0	587	86	0	0	9	0	0	68	81	— 6	+ 1	0.0	— 0.4	8.7	11
	Haripur	C00	0	0	C5	03	97	00	0	989	87	0	0	9	0	0	69	77	—	—	—	—		—
D. I.-Khan	Bannu	000	0	8	00	00	58	//	/	589	84	0	0	9	1	7	73	81	—	—	0.1	—	1.0	11
	D. I. Khan	000	0	0	00	C0	98	C0	0	991	84	0	0	9	0	0	65	75	— 12	— 8	0.2	— 0.5	2.6	9
Quetta	Sibi	000	0	0	18	C3	97	02	0	975	53	0	0	9	0	0	53	91	—	—	0.0	—	1.1	5
	Nokkundi	000	0	0	31	17	96	(2	0	947	91	0	0	9	0	0	41	84	—	—	0.0	—	0.3	2
Kalat	Turbat	C00	0	0	23	02	96	00	0	856	84	0	0	9	0	0	78	85	—	—	0.0	—	0.2	—
	Jiwani	000	0	6	13	09	96	02	1	989	84	6	6	5	0	0	77	81	—	—	0.0	—	2.0	5
	Pasni	000	0	4	11	06	97	02	0	995	83	4	0	9	0	0	78	83	+ 1	+ 1	0.0	— 0.3	0.0	6
Karachi division	Ormara	000	0	7	00	00	96	02	2	599	84	7	6	6	0	0	78	//	—	—	0.0	— 0.3	0.6	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
	Karachi (Manora)	000	0	0	27	05	97	01	0	990	85	0	0	9	0	0	79	84	+ 2	+ 2	0.0	— 0.7	0.1	8
	Karachi (Ariport)	000	0	4	27	09	96	01	2	970	86	4	6	5	0	0	77	83	—	—	0.0	—	0.0	—
Hyderabad	Nagarparker	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Chhor	000	0	3	23	12	96	03	0	987	80	3	0	9	3	0	77	81		—	0.0	—	0.1	7
	Hyderabad	000	0	0	23	07	97	02	0	985	87	0	0	9	0	0	75	83	+ 2	+ 1	0.0	— 0.5	0.1	9
	Badin	000	0	0	23	04	//	00	1	014	85	0	0	9	0	0	78	82	+ 2	0	0.0	— 1.7	0.0	—
Khairpur	Padidan	000	0	0	18	07	96	02	0	977	86	0	0	9	0	0	74	82	—	—	0.0	—	0.0	—
	Nawabshah	000	0	0	18	05	56	02	0	976	85	0	0	9	0	0	75	80	—	—	0.0	—	0.0	4
	Sukkur	000	9	4	20	05	96	03	1	979	86	4	0	9	6	0	70	05	—	—	0.0	—	0.0	—
	Kashmore	000	0	0	18	02	98	02	0	988	88	0	0	9	0	0	15	85	—	—	0.0	—	0.0	4
	Jacobabad	000	0	0	09	05	96	02	0	975	91	0	0	9	0	0	78	86	— 4	+ 1	0.0	— 0.3	0.3	20
Junagadh	Verav																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							76
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	000	5	2	13	03	98	01	1	435	68	/	/	/	/	/	//	60	0	— 16	1.7	— 2.8	20.4	18
Peshawar	Drosh *	C00	0	0	00	00	99	02	0	436	81	0	0	9	0	0	49	75		+ 4	0.4	—	11.5	29
	Cherat *	000	0	0	18	02	98	00	0	437	79	0	0	9	0	0	60	//	— 1	/	0.1	— 1.1	9.4	—
	Kakul *	C00	0	3	31	03	58	01	/	418	77	3	0	9	3	0	60	//	—		0.8	—	16.2	—
	Landikotal *	0C0	0	0	36	02	58	02	0	435	86	0	0	9	0	0	62	69	—	—	0.0	—	0.5	29
	Prachinar *	C00	5	0	00	00	97	04	0	438	73	0	0	9	0	0	58	62	— 7	— 4	—	—	—	13
D.I. Khan	Miranshah *	C0)	0	0	05	05	99	00	0	419	90	0	0	9	0	0	38	86	—	—	0.3	— 0.7	1.7	11
	Wana *																							11
Quetta	Fort Sandeman *	000	9	0	00	00	95	C5	9	422	80	0	0	9	0	0	59	66	— 8	— 10	0.0	— 1.0	4.3	—
	Hindubagh *	000	0	0	00	00	97	02	0	430	81	0	0	9	0	0	42	63	—	—	0.0	—	3.3	9
	Loralai *	000	0	0	23	02	98	00	0	401	71	0	0	9	0	0	52	55	—	—	0.0	—	3.3	—
	Barkhan *																							14
	Harnai *	00)	0	0	00	00	96	C0	1	411	85	0	0	9	0	0	71	—	—	0	0.0	— 0.8	1.7	9
	Samungli (Quetta) *	r0)	0	0	13	09	95	05	0	427	74	0	0	9	0	0	68	71	—	—	0.0	— 0.2	2.7	8
	Chaman *	000	0	0	34	05	97	00	0	440	64	0	0	9	0	0	47	84	+ 6	+ 8	0.0	— 0.0	2.7	—
	Nushki *	003	0	6	07	C6	97	04	0	664	75	6	0	9	0	2	64	73	—	—	0.0	—	2.2	4
	Dalbandin *	000	0	0	05	03	97	02	0	412	87	0	0	9	0	0	33	73	+ 2	—	0.0	— 0.0	0.6	7
Kalat	Kalat *	000	0	0	18	02	97	02	0	419	76	0	0	9	0	0	57	60	0	— 2	0.0	— 0.2	1.3	—
	Khuzdar *	000	0	0	23	03	96	02	0	415	83	0	0	9	0	0	67	79	—	—	0.0	—	0.2	5
	Panjgur *																							—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 2nd JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_pL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_Lh_bC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sC_Sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{w1}T$	$3P_wP_wH_wH_wd_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Cementis/Holh ...	99 1 53	10 5 25	01 1 23	01 9 05	98 0 00	00 1 27	08 2 00	53 7 30			00 2 25		30 2 02	19 6 05
Cementis/Holh ...	99 1 61	10 5 45	01 0 63	41 1 18	98 0 12	04 0 27	32 4 00	53 2 20			05 1 04		30 4 03	19 0 05
Croixd ...	99 0 41	10 5 05	01 1 24	42 5 22	98 0 30	10 0 26	42 4 00	54 6 13			05 4 23	12 8 08	30 5 04	25 8 07
British Relivance ...	99 2 47	10 6 31	01 0 63	72 4 05	98 0 12	98 2 87	53 6 61	...			...	...	...	...
Roixudstud ...	99 0 53	10 5 11	01 0 64	52 2 17	97 1 31	11 4 26	51 4 00	51 1 14			05 2 22	12 7 00	30 6 06	22 9 08

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface (PoPoPo ToToTo DoDo)	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	968 268 21	...	400 182 39	090 108 47	583 045 06	757 127 59	...	255 /// //	...	...	...	...	...
Dacca ...	00 00	999 280 12	...	400 186 02	075 114 35	583 019 56	758 150 17	973 263 59	254 483 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	997 280 28	...	480 180 26	034 074 56	572 075 //	743 165 //	945 295 //	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	58/ 264 58	...	40/ 254 60	092 140 60	583 045 //	756 151 //	971 /// //	...	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	985 260 40	...	...	233 050 15	583 410 //	757 195 //	966 321 //	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD									Max. Wind Speed	TROPOPAUSE
											PmPmPm dmdm fmfmfm	$P_tT_tP_tT_aT_{at}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 210 42	800 166 37	...	350 187 59	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 216 00	...	...	350 181 56	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T.† of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16	18	19	20	21	22	23	24	25	26	27
Bogra ...	100 07	130 09	115 15	160 12	160 17	165 13	...	...	...	135 10	140 11	165 //	...	...	...	125 08	125 13	125 15	145 14	145 10	130 09	...	160 13	165 12	...	...
Chak'ala ...		340 01	340 0/	325 0/	005 05	290 0/	360 09		00/ 10		280 03	300 03	255 02	005 06	110 05	...	230 01	220 01	125 02	120 03	025 01	000 08	345 10	025 13	...	...
Chhor ...	215 12	220 20	221 09	210 11	003 13	020 06	965 16	065 23	025 13	235 27	235 27	005 21	240 29	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	160 15	150 19	140 15	130 22	130 22	...	...	...	...	...	...	...	...	...	...	150 12	150 15	140 15	145 19	160 19	...	...	...	...	...	...
Cox's Bazar ...	155 13	097 25	810 06	175 07	159 97	190 05	/// //	115 07	115 08	...	...	...	...	...	...	160 23	160 19	150 19	170 19	170 17	...	...	...	...	...	...
Dacca ...	170 13	170 13	155 13	165 12	170 12	180 //	180 13	210 10	210 08	145 19	160 19	/// //	/// //	165 15	/// //	115 15	130 17	140 15	140 20	135 17	140 17	...	...	...	...	...
Daibandin ...		...	265 05	285 08	305 06	325 04	350 13	015 41	015 40	...	...	250 03	195 07	055 05	060 //	...	...	100 04	095 08	090 08	090 05	360 13	055 31	035 34	...	...
D. I. Khan ...	230 34	235 30	235 35	...	...	...	...	...	...	165 08	190 08	195 50	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	225 //	210 10	/// //	165 05	...	...	...	...	...	080 01	015 01	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	105 18	035 10	325 26	630 25	...	...	...	...	...	120 03	235 06	105 01	...	...	...	040 03	050 03	130 57	330 14	310 17	310 17	...	...
Incobabad ...	170 04	165 06	165 07	155 14	160 12	340 13	320 19	280 //	270 22	120 12	180 11	195 15	185 11	220 08	300 08	160 08	185 06	180 0/	180 02	170 03	240 07	350 24	001 58	035 13	...	...
Jessore ...	165 06	165 13	195 13	195 10	200 06	...	...	...	...	145 07	150 10	145 09	130 07	130 11	120 10	115 10	120 08	120 10	125 11	...	...	...	...	...	...	...
Jheium ...	310 07	320 09	325 08	310 02	070 05	040 09	035 06	010 04	005 07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	140 09	090 07	100 06	065 04	010 08	090 11	140 18	...	...	...	...	...	...	...	...	140 07	120 66	110 05	...	...	...	...	...	...	...	...
Karachi ...	225 04	225 06	200 03	...	...	...	...	...	...	...	...	...	...	...	...	255 12	255 11	...	...	...	...	...	...	...	...	...
Khanpur ...	210 12	300 13	200 //	185 18	185 25	255 11	325 11	345 12	320 02	065 06	055 07	035 06	025 07	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	275 06	270 05	280 03	295 03	260 04	330 03	335 14	300 20	325 19	325 11	340 07	335 04	285 95	310 06	295 06	295 01	290 03	290 06	290 08	270 09	285 10	325 06	350 10	350 13	...	...
Multan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	215 07	205 11	205 12	...	...	...	...	...	...	...	...
Nawabshah ...	180 06	195 05	180 03	045 04	335 08	005 03	350 18	018 29	025 24	195 19	210 08	220 05	180 05	130 03	...	240 02	360 02	350 03	010 03	330 06	010 05	015 15	020 19	025 25	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	0/0 07	110 03	195 10	290 12	315 12	350 20	345 13	330 13	...	295 07	025 09	110 07	050 05	315 15	...	680 05	115 03	130 03	305 03	310 16	245 13	010 24	345 30	...	...
Quetta ...				...	290 23	285 10	315 11	350 11	345 22	...	...	...	...	175 07	320 07					025 03	310 11	005 14	340 14	330 30	...	...
Sargodha ...	0/0 05	115 01	275 0/	325 15	325 07	350 23	340 25	...	340 26	315 00	220 06	230 06	210 01	060 04	...	230 0/	350 02	070 02	185 05	290 03	...	...	...	...	...	...
Sylhet ...	345 05	235 03	220 07	190 09	195 12	200 13	...	...	...	600 06	205 09	225 05	170 10	180 11	...	140 02	135 01	180 02	160 07	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

RAWIN DATA FOR 0600 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l.—>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.B. Sargodha ...																		
Karachi ...	255 15	245 14	265 14	265 14	295 06	290 54	340 14	010 10	025 21	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

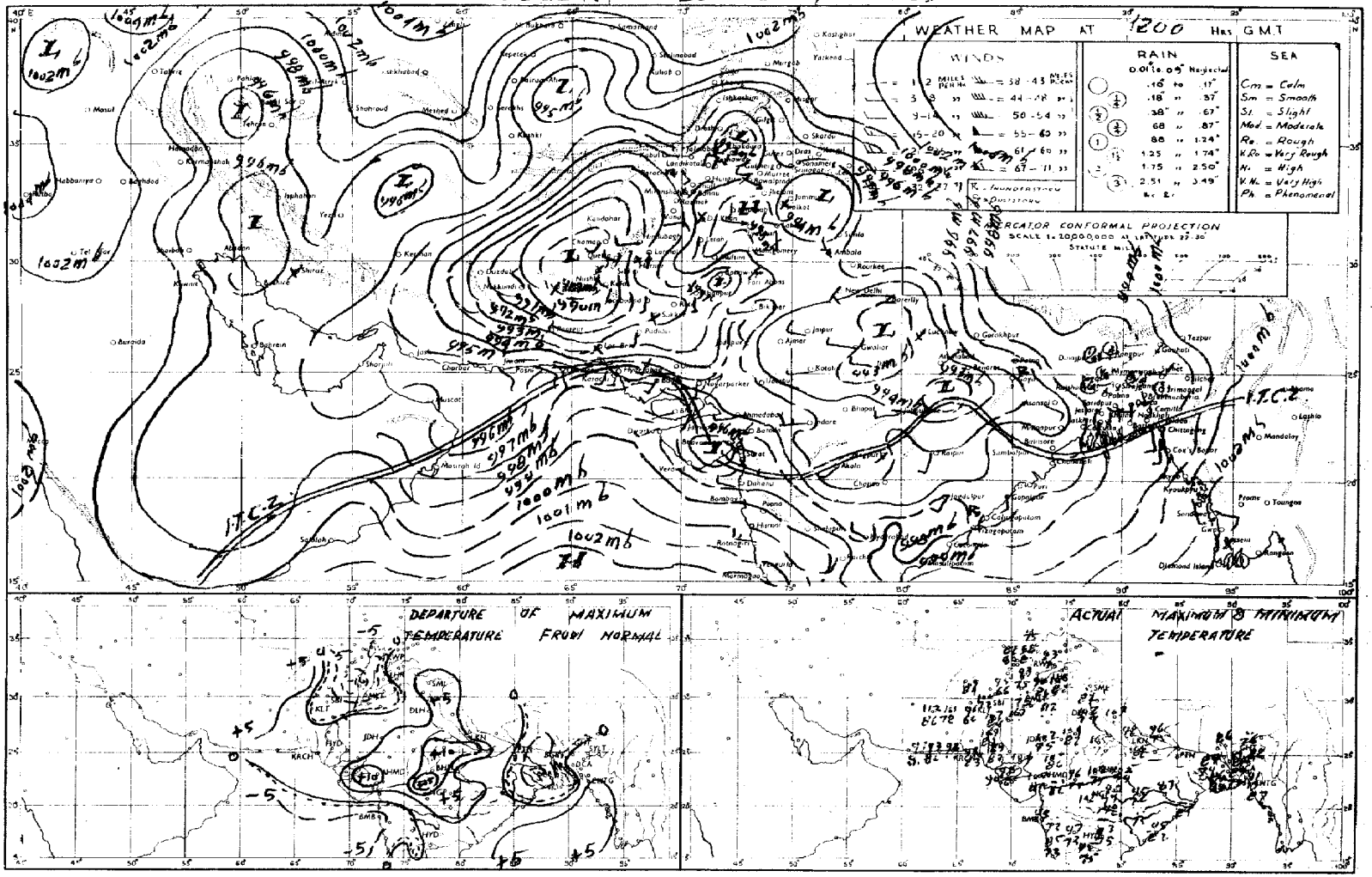
dd Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff -Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

TUESDAY 1st JULY 1969.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 2nd JULY, 1969.

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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

2 - APR 10
Copy 1970

Reg. No. S-1467
Volume No. 23

THURSDAY THE 3rd JULY, 1969.
Summary of observations recorded at 0300 Hrs. G.M.T.

Yesterday's morning's low pressure area over north West Bay of Bengal moved northwestwards and lay over Chota Nagpur and adjoining area last evening where it now persists. Rain/thundershowers have been scattered in Khulna division and local elsewhere in East Pakistan. A westerly low pressure wave is moving across Peshawar and Rawalpindi divisions. The seasonal trough of low pressure extends from Kalat division to Multan division and is well marked. These have caused scattered rain or thundershowers in Rawalpindi division. Only light showers also occured at a few places in Multan division and a few falls of light rain/drizzle in Quetta and Karachi division.

Chief amounts of rainfall are : Sylhet 3/4", Cox's Bazar and Faridpur ½" each and Rajshahi and Bogra ¼" each.

Day temperatures were 3—8 °F (2—4 °C) above normal in the country outside Sargodha, Multan, Bahawalpur, D. I. Khan, north Quetta, Kalat and Karachi divisions where these were nearly normal.

Forecast valid until the evening of 4th July 1969 :— Local rain or thudershowers are likely to occur in East Pakistan and scattered in Rawalpindi, Sargodha, Lahore, Multan divisions and Kashmir. Weather is likely to be dry elsewhere in West Pakistan.

Karachi-11
The 3rd July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 Clod from †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud from †	Dewpoint temperature °F	Maximum temperature °
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati ...	000	0	7	23	02	97	02	2	003	87	5	3	5	7	/	83	91
	Cox's Bazar ...	000	0	6	18	12	96	02	2	095	85	4	2	5	6	/	83	87
	Chittagong ...	002	8	6	18	12	97	02	6	998	86	4	4	4	3	1	77	90
	Maijdee Court ...	000	9	5	18	05	97	02	2	981	86	3	1	5	2	0	79	87
	Comilla ...	000	0	4	18	05	96	07	1	997	87	4	4	7	0	0	79	91
	Brahmanbaria ...	000	0	4	18	02	97	03	1	993	87	4	5	5	0	0	79	94
	Sylhet ...	000	0	6	03	00	96	02	2	985	87	3	4	5	3	4	79	10
	Srimangal ...	-	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh ...	000	0	2	00	00	97	01	1	038	90	2	5	6	0	0	70	90
	Narayanganj ...	000	0	3	13	03	96	03	1	979	90	2	6	6	3	1	79	90
	Dacca (Tezgaon) ...	000	0	7	13	05	97	02	2	982	87	4	8	5	0	3	73	91
	Faridpur ...	016	8	4	16	05	96	02	6	969	87	3	4	4	1	0	80	90
Khulna	Barisal ...	014	7	7	13	06	97	21	6	983	85	5	8	4	2	0	83	87
	Khulna ...	000	0	6	00	00	97	03	0	969	87	3	3	1	0	0	85	90
	Satkhira ...	007	0	6	18	02	97	01	2	996	85	2	0	9	0	1	73	94
	Jessore ...	000	0	5	13	10	97	02	2	975	87	5	4	4	0	7	79	91
Rajshahi	Pabna ...	000	0	4	13	02	98	01	2	974	86	3	2	7	3	0	83	90
	Sirajganj ...	000	0	2	09	01	97	01	1	970	87	2	2	6	0	0	83	96
	Rajshahi ...	010	4	7	13	02	95	03	6	985	85	7	7	5	0	0	83	91
	Bogra ...	025	2	6	00	00	96	01	6	982	85	2	8	5	0	1	82	91
	Dinajpur ...	010	3	5	00	00	96	02	/	978	85	6	6	9	2	/	80	91
	Rangpur ...	008	7	4	00	00	96	01	6	980	87	2	2	6	2	0	79	91
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	27	05	94	06	0	953	00	1	/	9	/	/	64	04
	Sialkot ...	000	0	0	00	00	99	00	0	991	03	0	0	9	0	0	66	08
Rawalpindi	Jhelum ...	000	0	1	23	03	97	02	0	943	04	1	1	7	0	1	64	05
	Islamabad ...	000	0	1	18	02	97	03	0	///	98	1	2	7	0	0	54	00
	Rawalpindi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	0	18	//	97	00	0	950	03	0	0	9	0	0	63	05
	Sargodha ...	000	0	0	23	03	95	06	0	954	03	0	0	9	0	0	66	04
	Lyallpur ...	000	0	4	29	07	99	02	0	953	98	4	3	9	2	0	73	03
Multan	Sahiwal ...																	
	Multan ...																	
	Laiah ...	000	0	8	18	10	90	18	0	961	83	0	8	7	0	0	63	00
Bahawalpur	Khanpur ..	000	0	4	27	03	96	00	0	///	//	/	/	/	/	/	//	//
	Bahawalpur ...	000	0	0	00	00	96	00	0	950	03	0	0	9	0	0	59	04
	Fort Abbas ...	000	0	0	36	02	98	00	0	946	03	0	0	9	0	0	99	03
Peshawar	Chakdra ...	000	0	1	20	30	97	03	0	920	00	1	1	7	0	0	83	00
	Peshawar ...	000	0	0	00	00	96	06	0	931	03	0	0	9	0	0	58	03
	Haripur ...	000	0	0	13	05	97	00	0	969	96	0	0	9	0	0	63	98
D. I. Khan	Bannu ...	000	0	7	13	02	98	06	2	940	00	0	0	9	1	7	67	03
	D. I. Khan ...	000	0	0	00	00	98	03	0	958	79	0	0	9	0	0	41	85
Quetta	Sibi ...	000	0	0	18	02	97	02	0	937	11	0	0	9	0	0	43	14
	Nokkundi ...	000	0	0	31	00	96	08	0	096	13	0	0	9	0	0	71	12
Kalat	Turbat ...	000	0	0	23	02	96	00	0	587	06	0	0	9	0	0	91	06
	Jiwani ...	000	0	0	18	07	96	01	0	976	88	0	0	9	0	0	75	91
	pasni ...	000	0	0	25	06	97	02	0	982	90	/	/	/	/	/	//	92
Karachi division	Ormara ...	000	0	1	18	07	96	03	0	985	89	1	9	6	0	0	81	92
	Lasbela ...	000	0	0	13	05	97	00	0	943	01	0	0	8	0	0	76	06
	Karachi, (Manora) ...	000	0	2	23	09	97	02	0	979	90	2	3	5	0	0	77	92
	Karachi (Ariport) ...	000	0	4	23	06	96	03	1	583	89	4	6	4	0	0	77	95
Hyderabad	Nagarparker ...																	
	Chhor ...	000	0	0	23	15	96	02	0	978	00	0	0	9	0	0	73	01
	Hyderabad ...	000	0	0	23	10	97	02	0	985	97	0	0	9	0	0	74	05
	Badin ...	000	0	0	23	12	96	02	0	987	99	0	0	9	0	0	75	01
Khairpur	Padidan ...	000	0	0	05	03	96	02	0	941	11	0	0	9	0	0	60	15
	Nawabshah ...	000	0	0	18	03	96	02	0	984	05	0	0	9	0	0	69	09
	Sukkur ...	000	0	0	23	03	96	02	0	936	10	0	0	9	0	0	77	11
	Kashmore ...	000	0	0	18	02	98	02	0	955	05	0	0	9	0	0	72	07
	Jacobaba ...	000	0	0	18	07	97	02	0	933	07	0	0	9	0	0	73	08
Junagadh	Verav ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Alibad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ..	012	2	5	23	03	98	02	9	436	72	5	9	3	0	0	59	79
Peshawar	Drosh * ..	000	0	0	23	05	99	02	0	383	00	0	0	9	0	0	59	03
	Cherat * ...	000	0	0	18	02	98	00	0	419	91	0	0	9	0	0	54	96
	Kakul * ...	000	0	2	23	05	96	05	1	401	90	2	2	5	0	0	59	91
	Landikotal * ...	000	0	0	36	02	98	02	0	412	98	0	0	9	0	0	59	00
	Prachinar * ...	000	0	0	15	03	97	02	0	419	87	0	0	8	0	0	45	87
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	410	00	0	0	9	0	0	52	03
	Wana * ...	000	8	4	18	02	99	03	0	423	91	4	9	9	0	0	75	95
Quetta	Fort Sandeman * ...	000	8	2	20	03	96	05	4	403	92	2	4	7	0	0	47	98
	Hindubagh * ...	000	0	0	20	03	95	05	0	355	91	0	0	9	0	0	53	95
	Loralai * ...	000	0	0	25	02	98	00	0	431	95	0	0	9	0	0	59	98
	Barkhan * ...																	
	Harnai * ...	000	0	0	00	00	96	02	0	370	97	0	0	9	0	0	68	98
	Samungli (Quetta) * ...	000	0	0	00	00	96	05	0	430	99	0	0	9	0	0	41	00
	Chaman * ...	000	0	0	27	11	97	00	0	404	04	0	0	9	0	0	58	06
	Noshki * ...	000	0	7	21	13	94	50	4	488	88	3	0	7	4	0	75	91
	Dalbandin * ...	000	0	0	18	03	97	02	0	423	09	0	0	9	0	0	39	//
Kalat	Kalat * ...	000	0	0	33	02	97	02	0	392	90	0	0	9	0	0	47	93
	Khuzdar * ...	000	0	2	13	07	96	02	0	388	98	2	5	6	0	0	57	03
	Panjgur * ...																	

STATIONS	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total clud amount	Wind direction in tens of degrees	Wind speed in konts	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths) *	Dry Bulb temperature	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	h	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Rangamati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
Cox's Bazar	044	3	7	13	10	96	50	6	018	80	4	4	4	7	0	80	77	+ 1	0	16.5	— 1.8	24.2	140
Chittagong	002	0	7	13	14	97	02	2	001	87	5	4	4	3	0	77	79	+ 4	+ 2	16.1	— 7.0	23.8	108
Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					115
Comilla	000	0	4	18	05	96	02	/	016	86	4	4	7	/	...	77	77	+ 4	0	31.0	+ 1.1	30.2	94
Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					78
Sylhet	073	6	2	05	05	96	21	9	076	80	4	4	4	2	0	77	87	—	—	34.2	—	72.2	—
Srimangal	013	9	6	//	//	96	03	9	030	85	3	9	4	7	1	77	77		— 1	25.0	+ 4.7	46.5	98
Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					91
Narayanganj	004	1	8	13	03	97	03	6	006	83	8	6	3	/	...	79	80	+ 2	+ 1	14.1	+ 0.5	37.6	74
Dacca (Tezgaon)	017	7	8	13	05	96	20	6	006	80	7	9	3	2	/	79	80	—		8.8	—	20.0	—
Faridpur	057	3	7	16	05	97	61	5	956	83	5	4	5	1	0	80	79	+ 2	+ 1	11.2	— 2.7	24.8	71
Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					81
Khulna	000	0	4	00	00	97	03	0	997	90	2	2	4	0	0	85	80	+ 2	+ 2	8.7	— 5.2	14.8	68
Satkhira	000	0	6	13	05	97	01	0	997	90	2	0	0	0	1	66	80	+ 5	+ 2	6.6	— 7.0	11.8	65
Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					65
Pabna	003	0	5	09	09	98	01	1	000	85	5	6	7	0	0	80	83	—	—	8.3	—	22.0	59
Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 9		—		—	64
Rajshahi	041	1	6	05	03	95	03	6	998	82	6	5	5	/	/	80	83	+ 2	+ 1	8.8	— 3.6	22.8	—
Bogra	025	0	6	09	02	96	02	2	007	85	4	8	4	3	1	79	80	+ 2	+ 2	9.4	— 5.3	20.4	69
Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					72
Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					84
Jammu																							—
Lahore (Jail Rd.)	000	0	0	09	02	95	06	1	998	90	0	0	9	0	0	70	82	+ 2	+ 2	0.6	— 1.4	5.2	19
Sialkot	000	0	0	00	00	97	00	0	999	77	0	0	9	0	0	56	64	+ 8	— 17	0.4	2.7	5.0	32
Jhelum	000	3	7	00	00	96	03	1	001	90	7	0	9	7	0	70	85	—	—	0.4	—	9.7	—
Islamabad	000	0	4	00	00	97	03	0	///	90	2	2	6	8	0	56	80	—	—	1.0	—	9.0	—
Rawalpindi	000	0	2	05	03	97	00	0	003	87	0	0	9	0	3	68	81	—	+ 3	1.1	— 1.7	10.6	36
Campbellpur																							
Khushab	000	0	0	09	//	95	06	0	986	86	0	0	9	0	0	73	66	+ 1	— 17	0.0	— 1.7	3.4	15
Sargodha	000	0	0	09	03	95	06	0	994	87	0	0	9	0	0	73	83	—	—	1.7	—	5.7	—
Lyallpur	000	0	0	29	02	96	03	6	986	87	0	0	9	0	0	75	85	— 1	+ 2	0.2	— 1.3	3.1	12
Sahiwal																							10
Multan																							7
Laiah	000	0	0	36	01	91	00	0	999	76	0	0	9	0	0	72	//	—	/	0.0	—	1.8	8
Khanpur	000	0	2	23	03	96	05	0	979	90	0	0	9	0	1	73	86	/	+ 3	0.0	— 0.5	1.0	6
Bahawalpur	000	0	0	00	00	96	00	0	984	90	0	0	9	0	0	79	77	— 1	— 7	0.1	— 0.4	1.3	6
Fort Abbas	///	/	/	//	//	98	00	0	985	95	0	0	9	0	0	85	77	—	—	0.0	—	0.2	8
Chakdra	000	0	0	00	00	97	02	0	983	82	0	0	9	0	0	70	73	—		0.5	—	9.8	—
Peshawar	000	0	0	31	02	96	06	0	990	87	0	0	9	0	0	64	85	— 1	+ 5	0.0	— 0.4	8.7	11
Haripur	000	0	0	36	02	97	00	0	990	91	0	0	9	0	0	63	85	—	—	0.3	—	10.5	—
Bannu	000	0	7	00	00	98	06	1	986	86	0	0	9	0	0	73	82	—	—	0.1	—	4.0	11
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 20					9
Sibi	000	0	0	00	00	97	02	0	981	95	0	0	9	0	0	52	94	—	—	0.0	—	1.1	5
Nokkundi	000	0	0	31	03	96	02	0	943	97	0	0	9	0	0	39	80	—	—	0.0	—	0.3	2
Turbat	000	0	0	23	02	96	00	0	861	86	0	0	9	0	0	77	//	—	/	0.0	—	0.2	—
Jiwani	000	0	5	13	05	56	03	2	004	//	/	/	/	/	/	74	82	—	—	0.0	—	2.0	5
pasni	000	0	4	11	02	97	02	0	011	85	4	0	9	0	0	75	83	0	+ 1	0.0	— 0.3	0.0	6
Ormara	000	0	3	00	00	96	04	4	012	85	3	6	6	0	0	78	//	—	/	0.0	— 0.0	0.6	6
Lasbela	000	0	0	00	00	98	03	0	807	85	0	0	8	0	0	77	77	—	—	0.0	—	0.0	8
Karachi, (Manora)	000	0	0	27	07	96	01	0	994	85	0	0	9	0	0	77	84	+ 2	+ 2	0.0	— 0.8	0.1	8
Karachi (Ariport)	000	0	4	27	07	96	01	2	970	86	4	5	5	0	0	78	83	—	—	0.0	—	0.0	—
Nagarparker																							—
Chhor	000	0	0	23	10	96	02	0	999	80	0	0	9	0	0	76	81	—	—	0.0	—	0.1	7
Hyderabad	000	0	0	25	07	97	02	0	989	87	0	0	9	0	0	75	83	+ 4	+ 1	0.0	— 0.6	0.1	9
Badin	000	0	0	23	03	96	02	0	022	85	0	0	9	0	0	78	81	+ 4	— 1	0.0	— 1.6	0.0	—
Padidan	000	0	0	13	03	96	02	0	988	89	0	0	9	0	0	74	84	—	—	0.0	—	0.0	—
Nawabshah	000	0	0	18	10	96	02	0	989	88	0	0	9	0	0	77	82	—	—	0.0	—	0.0	4
Sukkur	000	9	4	20	05	96	03	1	981	86	4	0	9	6	0	77	85	—	—	0.0	—	0.0	—
Kashmore	000	0	0	18	02	98	02	0	987	89	0	0	9	0	0	75	88	—	—	0.0	—	0.0	4
Jacobaba	000	0	0	09	03	97	03	0	983	91	0	0	9	0	0	77	87	— 3	+ 2	0.0	— 0.3	0.3	20
Verav																							26
Srinagar																							—
Gulmarg																							71
Sonamarg																							76
Dras																							3
Leh																							6
Skardu																							—
Misgar																							—
Alibad																							5
Gilgit																							59
Murree	012	0	7	09	03	97	02	1	451	67	7	5	3	0	0	64	60	+ 3	+ 1	1.8	— 3.1	20.4	18
Drosh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 8					29
Cherat	000	0	0	18	02	98	00	0	445	83	0	0	9	0	0	60	//	— 5	/	0.1	— 1.1	9.4	—
Kakul	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
Landikotal	000	0	0	31	05	98	02	0	443	87	0	0	9	0	0	63	73	—	—	0.0	—	10.5	29
Prachinar	000	0	0	00	00	95	05	0	456	77	0	0	9	0	0	54	68	— 2	+ 2	0.4	—	11.1	13
Miranshah	000	0	0	05	05	99	00	0	434	85	0	0	9	0	0	60	80	—	—	0.3	— 0.7	1.7	11
Wana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
Fort Sandeman	000	9	0	31	02	95	05	0	432	82	0	0	9	0	0	61	79	— 5	— 3	0.0	— 0.7	4.4	—
Hindubagh	000	0	0	00	00	97	02	0	402	81	0	0	9	0	0	36	72	—	—	0.0	—	3.3	9
Loralai	000	0	0	17	02	98	00	0	320	75	0	0	9	0	0	55	58	—	—	0.0	—	0.0	—
Barkhan																							14
Harnai	000	0	0	00	00	96	02	1	417	90	0	0	9	0	0	66	//	—	—	0.0	— 1.0	1.7	9
Samungli (Quetta)	000	0	0	13	12	95	05	0	438	0	0	0	9	0	0	64	71	—	—	0.0	— 0.2	2.6	8
Chaman	000	0	0	34	05	97	00	0	///	96	0	0	9	0	0	59	85	+ 4	+ 9	0.0	— 0.0	2.7	—
Noshki	000	0	5	07	05	97	03	0	553	75	0	0	9	0	2	64	73	—	—	0.0	—	2.2	4
Dalbandin	000	0	0	00	00	97	02	0	424	88	0	0	9	0	0	49	77	/	+ 2	0.0	— 0.0	0.6	7
Kalat	000	0	0	16	02	97	02	0	433	76	0	0	9	0	0	57	60	+ 2	— 2	0.0	— 0.2	1.3	—
Khuzdar	000	0	0	23	02	96	02	0	427	83	0	0	9	0	0	67	80	—	—	0.1	—	1.0	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 ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 3rd JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	$7RR\ t_Rt_R$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Cementia	99 1 40	10 5 19	01 1 83	01 8 05	98 0 00	03 2 08	00 9 00	53 1 19			00 1 27	...	30 2 01	16 5 05
Cementia	99 1 20	10 5 13	02 0 03	00 9 03	98 0 00	02 5 29	00 0 00	53 8 05			00 0 27	...	30 1 01	18 6 06
Kossmatella	99 1 17	10 7 24	02 3 63	52 8 13	97 0 21	06 8 29	22 4 60	...			0 / / 26	12 6 81	30 4 03	28 2 05
Trysbeg	99 1 85	10 5 79	02 0 63	02 0 31	97 0 20	99 5 25	00 9 00	14 4 00			0 / / 23	12 4 00	30 6 04	20 9 07

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	99/ 266 13	...	400 192 10	071 130 45	581 027 34	755 109 33	971 241 58	253 471 //	...	...	...	-	...
Dacca ...	00 00	99/ 280 20	..	360 188 04	060 /// //	581 021 56	757 109 58	973 247 59	256 743 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	998 322 59	...	MISDA	...	...	..	.	...	...	...	...	..	—
Multan ...														
Peshawar ...	00 00	960 294 66	...	400 264 65	121 154 66	587 019 //	761 141 //	973 265 //	256 437 //	...	...	..	...	...
Quetta ...														
Sargodha	00 00	986 210 30	...	460 234 45	122 090 30	578 155 //	747 265 //	956 391 //	...	...	...	—	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed	TROPOPAUSE	
											PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 216 03	800 160 17	600 056 41	350 162 56	...	...	...	...	...	...	.	...
Dacca ...	00 00	900 210 04	800 166 11	600 056 56	350 177 56	...	..	...	..		...	...	...
Gilgit ...													
Jiwani ..													
Karachi ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	...	...	...	..	...	...	...	...	...	...	...	...
Quetta ..													
Sargodha ...	00 00	...	..	...	...	...	...	—	...	...	...	...	..

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	110 15	120 15	130 17	130 23	130 26	...		...	...	125 15	125 15	125 17	115 17	120 21	130 15	120 10	120 17	110 19		...	...	...	...	...	...	...
Chaklala		155 03	145 04	145 04	150 06	250 03	330 6/	305 07	305 13	.	105 10	125 15	170 06	270 06	205 07		135 02	130 05	230 03	230 09	340 07	295 09		...	...	...
Chhor	221 52	225 12	220 20	210 14	360 05	320 05	350 13	..	...	235 23	235 30	235 36	...		...	215 15	220 14	205 15	140 08	070 10	040 11	030 21	015 16	...	...	-
Chittagong	..	..	...	...	...	..	..	...	...		...	...	...	...	...	145 14	140 15	130 16	125 16	130 17	...				...	-
Cox's Bazar	170 15	180 16	170 15	165 15	...	...	...	...	...	No	Ascent	..	...		...	No	Ascent	...			.	...	...		...	...
Dacca	145 09	145 15	145 15	135 20	135 23	155 17	155 15	145 13	145 15	130 18	130 19	135 16	/// //	145 24	/// //	130 12	130 19	135 24	135 21	151 9/	...					...
Dalbandin		...	170 02	115 03	060 06	330 12	035 18	025 27	035 31	..	...	355 04	360 11	96) 09	070 03		...	090 05	050 07	330 05	260 06	090 11	025 22	030 20		...
D. I. Khan	180 08	180 07	145 07	...	025 04	...	350 19		005 05	060 08	080 09	095 06	155 08	240 21	340 18	165 05	170 57	180 88	150 08	125 06	160 07	025 10	005 08	005 10	...	...
Drosh	...	..	...	245 06	130 02	325 //	005 10	015 17	005 23	...	...	...	225 00	105 01	005 07		...	...	...						...	...
Fort Sandeman	...	...	...	290 02	325 03	025 04	355 08	015 30	025 45				275 03	205 04	340 03		...	..	120 02	255 03	265 07	295 13	305 15	340 12	...	...
Jacobabad	160 09	135 13	130 15	130 19	135 19	144 13	290 18	330 19	...	175 19	170 20	165 13	100 02	050 04	055 04	145 08	165 07	180 05	185 02	130 02	045 04	075 10	045 25	035 29	...	...
Jessore	125 19	125 14	125 17	135 15	130 23	..	...		...			...				...		...							...	...
Jhelum	190 02	200 03	205 03	290 02	360 02	060 12	345 12	005 08	310 06	120 10	145 15	145 10	235 04	295 04	005 11	120 01	100 00	307 50	185 09	310 07	325 10	350 14	005 13	320 00	..	...
Jiwani	175 10	260 04	260 03	305 08	300 14	330 11	325 13	020 17	045 26	130 07	125 05	...	...	...	..	130 07	140 04	310 01	355 07		..	...	...	...	...	..
Karachi	255 09	255 09	..	...	...	...	...	...	..		..	..				235 09	280 11	290 09	...	...	..	...	...	...	...	...
Khanpur	270 08	265 09	265 08	250 12	235 10	150 60	265 07	280 17	385 31	235 04	210 04	205 02	230 05	240 1/	230 06							...	...	...		...
Lahore	220 05	235 12	240 10	295 04	...	...	...	...	..	140 05	195 10	205 10	277 05	305 06	045 03	150 03	205 03	240 04	280 06	355 06	340 07	...	...	...	...	...
Multan	...	...	...		...	..	...	...	...					...								...	...	...	...	...
NawabShah	240 02	240 03	220 03	350 04	355 06	360 10	025 25	035 23	030 22	200 15	195 10	195 08	360 07	330 07	055 08	130 05	045 02	010 04	035 06	030 11	015 13	035 27	050 40	055 45	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	..	...	...	...		...	..		...	...					.	...
Peshawar	...	080 05	150 03	215 06	055 07	305 11	010 13	360 29	010 25		340 11	325 10	220 03	205 04	300 //	..	010 06	005 03	320 03	3'0 02	320 06	315 11	315 12	025 08	...	...
Quetta	...			..	280 04	302 09	325 13	330 15	335 17		..			205 07	305 06					245 03	325 11	015 07	005 18	350 18	...	...
Sargodha	205 03	225 04	245 04	285 06	005 10	025 H	005 2/	..	...	290 06	265 07	250 06	185 06	110 03	045 14	060 05	145 04	185 02	245 06	035 07		...	...	...	...	..
Sylhet	180 03	200 01	200 01	220 22	235 12		...	..	...	...	No	Ascent	...	...	...	030 07	075 05	110 07	170 22	160 27	140 19	...	...	..	.	...
Veraval	...	...	..				...	...	...	...	..	...	..	...	.	...	.	...	..	...	.	...	...	...	...	...

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

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi .	255 08	255 12	255 16	045 12	035 06	005 12	010 27	070 41	045 23	...	...	...	...	...	..	...	..	..
Peshawar ...																		
Quetta																		

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

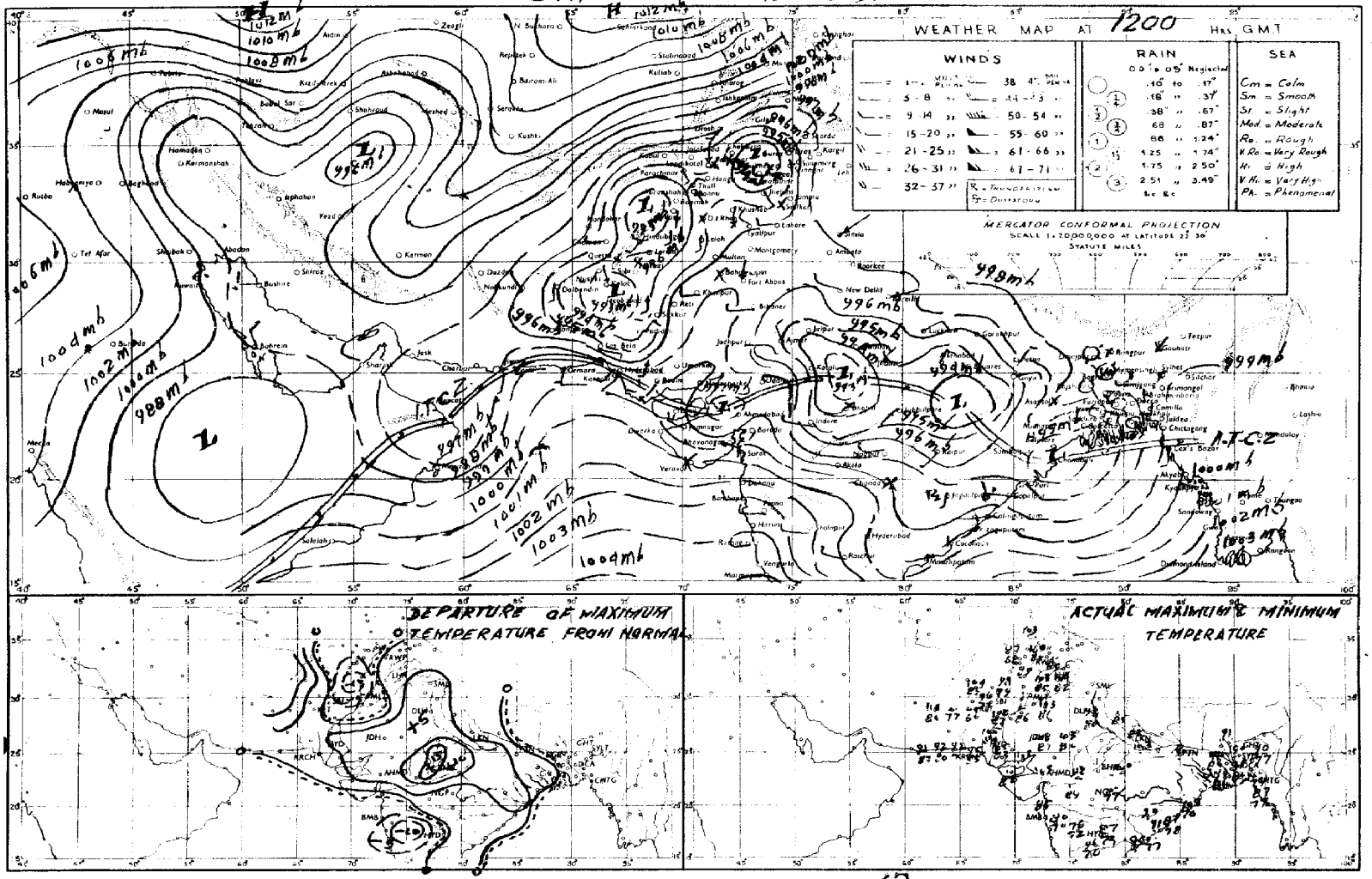
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Mateero'ogist. Weather Central Air Port, KAKACHI—11

PAKISTAN DAILY WEATHER MAP

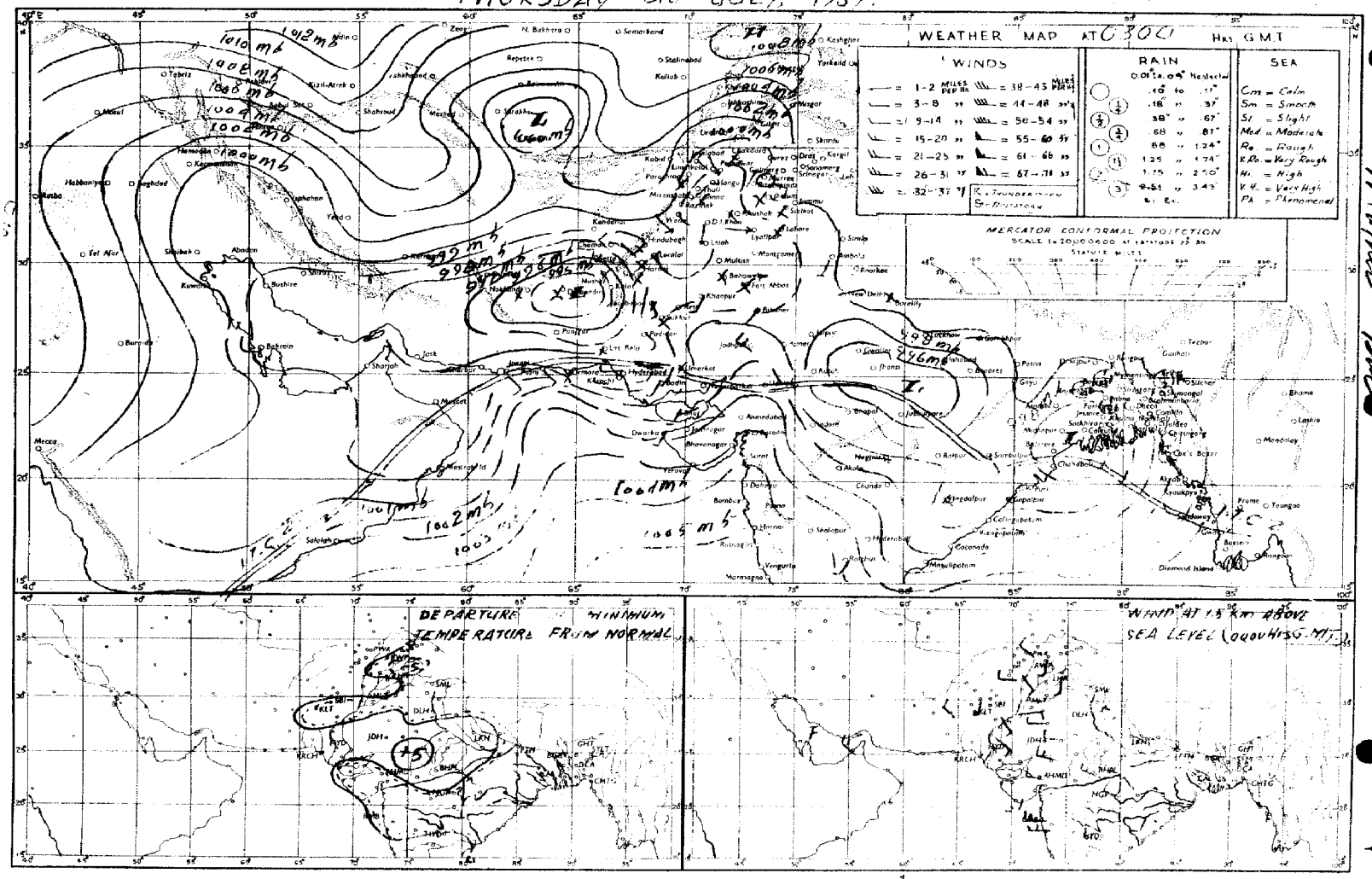
WEDNESDAY 2nd JULY, 1969.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 3rd JULY, 1959.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 4th JULY, 1969.

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

Yesterday's well marked low pressure area over Chota Nagpur with the Monsoon trough which has shifted slighty northwards. Monsoon is active over East Pakistan. Rain/thundershowers have been widespread in Chittagong division and fairly widespared elsewhere in east Pakistan.

Yesterday's westerly low pressure wave over Rawalpindi and Peshawar divisions is now moving away across Kashmir. The seasonal troughh of low pressure extends from Kalat division and D. I. Khan division and is well marked. Weather remained dry over west Pakistan.

Chief amounts of rainfall are :Maijdee court (upto 0000 Z), 3"; Cox's Brzar 2", Comilla 3/4", Rangamati (upto 0000 Z), Chittagong, Khulna and Pabna ½" each and Srimangal, Barisal Satkhira (each upto 1200 Z), Brahmanbaria, Narayanganj, Dacca, Faridpur, Sirajganj and Rajshahi ¼" each.

Day temperatures were 3—8 °F (2—4 °C) above normal in Chittagong and Rajshahi divisions and in west Pakistan outside Multan, Bhaawalpur, D. I. Khan, Karachi and Khairpur divisions and were 2—3 °F (1—2 °C) below normal in Dacca division only.

Forecast valid until the evening of 5th July 1969 :— Fairly widespread rain/thudershowers are likely to occur in east Pakistan and scattered in Rawalpindi, Sargodha, D. I. Khan, Multan and Lahore divisions. Weather will be mainly dry elsewhere in west Pakistan.

Karachi-11
The 4th July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 from †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at †	Total clud 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	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	h	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	040	4	7	18	09	98	02	6	011	80	6	3	5	7		80	85																							
	Cox's Bazar	068	9	8	14	10	96	61	6	997	77	5	7	3	2	0	77	86	180	9	8	09	07	97	61	6	028	81	5	3	4	2	0	79	//	—	/	18.4	—17.0	76.0	140
	Chittagong	059	6	7	16	14	96	21	2	003	80	5	4	4	2	0	77	87	057	9	8	13	09	96	61	6	033	81	7	6	2	2	/	77	75	+ 1	— 2	16.7	— 7.1	24.4	108
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	115
	Comilla	000	0	4	18	09	96	02	2	995	82	4	4	5	5	0	78	90	071	2	8	18	05	97	02	6	018	79	7	4	4	2	0	77	77	+ 4	0	31.7	+11.3	50.1	94
	Brahmanbaria	000	0	4	18	03	97	03	1	983	85	4	4	5	5	0	0	78	93	030	0	9	13	05	97	03	1	015	82	8	5	5	0	0	77	79	—	—	14.7	— 3.8	8.4	78
	Sylhet	000	0	6	03	00	97	02	2	986	86	3	3	4	3	1	77	91	017	6	8	03	05	96	21	6	029	81	6	7	2	3	2	79	77	—	—	34.4	—	72.4	—
	Srimangal	033	9	5	//	//	96	02	9	003	77	3	5	5	2	1	76	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4		...	...	...	98
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	005	9	7	10	02	97	02	2	017	84	7	4	4	0	0	79	//	—	—	17.2	— 2.4	32.4	91
	Narayanganj	000	0	8	13	06	96	03	5	978	83	8	6	3	/	/	79	85	020	0	8	//	//	97	03	5	009	82	8	6	3	1	0	79	79	—	—	14.3	+ 0.3	37.7	74
	Dacca (Tezgaon)	006	9	9	18	09	97	24	6	979	83	6	9	3	7	0	82	90	029	1	7	13	05	97	60	6	007	82	6	9	3	7	0	79	79	—	0	9.1	—	20.2	—
	Faridpur	000	0	8	16	07	96	02	2	968	85	6	4	5	1	0	78	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	71
Khulna	Barisal	026	2	8	18	02	96	22	3	982	81	5	7	4	2	0	78	87	000	2	8	00	00	96	02	5	008	81	6	4	4	2	0	78	78	—	—	...	...	...	—
	Khulna	122	2	6	00	00	97	03	0	967	82	3	3	4	0	0	78	90	000	9	5	00	00	97	03	0	997	82	0	4	4	0	0	78	78	—	—	17.2	— 2.4	32.4	81
	Satkhira	037	0	6	18	05	97	01	0	997	82	2	2	9	0	0	78	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2		...	...	...	68
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	65
Rajshahi	Pabna	000	0	3	09	05	98	01	1	964	87	2	8	4	6	0	79	91																							59
	Sirajganj	000	0	6	13	02	97	03	1	968	85	6	8	2	6	0	82	87	020	2	8	18	03	97	02	6	005	79	7	7	7	0	0	79	77	—	—	15.3	— 4.4	22.0	64
	Rajshahi	021	9	6	13	03	96	03	1	965	87	4	4	5	2	1	78	91	031	9	7	13	03	95	03	6	996	82	7	7	7	0	0	81	77	+ 2	—	9.2	— 3.6	23.7	—
	Bogra	000	0	7	09	03	96	02	2	969	87	5	4	4	4	0	7	80	011	1	7	09	03	96	07	2	004	81	3	6	4	3	0	81	79	+ 1	— 1	9.5	— 5.7	20.5	69
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	011	3	6	09	02	96	23	1	991	81	5	5	6	1	0	81	//	—	—	18.8	— 0.3	41.7	72
	Rangpur	000	0	1	09	02	96	01	1	983	87	1	0	9	1	0	78	91	004	7	6	09	02	96	03	6	014	86	4	2	6	1	0	81	77	+ 3	— 3	20.1	— 0.1	38.7	84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	65
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	95	06	0	942	05	2	0	9	3	0	64	05	000	0	6	36	10	97	07	0	978	94	4	9	5	7	0	65	87	+ 3	+ 7	0.6	— 1.5	5.2	19
	Sialkot	000	0	0	00	00	99	00	0	948	09	0	0	9	0	0	86	09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 9		...	...	...	32
Rawal-pindi	Jhelum	000	0	1	23	03	96	02	1	935	05	1	0	7	0	0	70	05	000	0	4	13	02	95	06	0	974	97	1	0	9	3	2	69	87	—	—	0.4	—	9.7	—
	Jalamabad	000	0	0	00	00	95	05	0	///	01	0	1	0	0	0	00	01	000	0	4	00	00	95	05	0	///	94	1	1	6	4	0	69	84	10.0	—	59.0	—
	Rawalpindi	000	0	4	00	00	98	02	2	933	02	0	0	9	0	8	64	04	000	0	1	00	00	96	05	0	971	90	0	0	9	4	3	68	75	+ 4	+ 5	1.1	— 2.0	10.6	36
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Sargo-dha	Khushab	000	0	0	18	//	97	00	0	944	03	0	0	9	0	0	67	07	000	0	0	00	00	97	00	0	967	90	0	0	9	0	0	75	82						67
	Sargodha	000	0	0	23	02	96	06	0	943	05	0	1	9	0	0	67	07	000	0	0	11	03	96	06	0	972	91	0	0	9	0	0	75	84	+ 3	— 1	0.0	— 1.7	3.4	15
	Lyallpur	000	0	0	00	00	97	00	0	939	04	1	1	7	0	0	70	05	000	0	0	00	00	96	03	0	974	90	0	0	9	0	0	75	84	—	—	1.7	— 5.7	5.7	—
																																				+ 1		0.2	— 0.4	3.1	12
Mul-tan	Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	13	02	97	02	0	962	90	0	0	9	0	0	75	87	...	...	...	...	...	7
	Lelah	000	0	0	36	01	95	00	0	946	07	0	0	9	0	0	67	07	000	0	0	36	00	93	03	0	956	91	0	0	9	0	0	75	87	+ 1	—	0.0	—	1.8	8
																																									6
Baha-walpur	Khanpur	000	0	0	00	00	90	02	0	941	07	0	0	9	0	0	63	09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2		...	...	...	6
	Bahawalpur	000	0	0	00	00	96	03	0	957	05	0	0	9	0	0	67	07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2		...	...	...	6
	Fort Abbas	000	0	0	05	02	98	00	0	928	18	0	0	9	0	0	98	18	001	0	0	33	04	98	00	0	952	96	0	0	9	0	0	//	95	—	—	0.0	—	0.2	8
Pesha-war	Chakdra	000	0	0	23	02	97	02	0	905	01	0	0	9	0	0	80	02	000	0	0	09	00	97	02	0	980	84	0	0	9	0	0	73	77	—	—	0.5	—	9.8	—
	Peshawar	000	0	0	09	02	96	06	0	918	//	0	0	9	0	0	65	//	000	0	0	27	03	96	06	0	990	91	0	0	9	0	0	73	84	—	/	+ 4	0.0	— 0.4	8.7	11
	Haripur	000	0	0	23	05	98	00	0	929	00	0	0	9	0	0	60	03	000	0	0	05	23	97	00	0	990	95	0	0	9	0	0	56	86	—	—	0.3	—	10.5	—
D. I.-Khan	Bannu	000	0	7	13	05	98	06	2	935	04	0	0	9	0	7	63	05	000	0	7	00	00	98	06	2	964	90	0	0	9	0	0	73	84	—	—	0.1	—	4.0	11
	D. I. Khan	000	0	0	00	00	98	00	0	933	94	0	0	9	0	0	72	//	...	...	...	...	...	*	...	...	...	...	...	...	...	...	...	...	...	...	/	...	...	...	9
Quetta	Sibi	000	0	0	18	03	97	02	0	923	11	0	0	9	0	0	72	15	000	0	0	18	03	92	02	0	957	95	0	0	9	0	0	68	94	—	—	0.0	—	1.1	5
	Nokkundi	000	0	0	31	02	96	02	0	897	12	0	0	9	0	0	54	15	000	0	0	05	05	97	02	0	551	94	0	0	9	0	0	43	82	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	27	02	96	00	0	987	06	0	0	9	0	0	65	06	000	0	0	33	02	96	00	2	865	86	0	0	9	0	0	77	//	—	—	0.0	—	0.2	—
	Jiwani	000	0	4	13	02	96	03	1	983	8'	4	6	5	0	0	75	91	000	0	6	33	03	96	02	2	004	84	6	6	5	0	0	75	81	—	/	0.0	—	2.0	5
	pasni	000	0	0	11	12	97	02	0	989	91	0	0	9	0	0	75	93	000	0	0	11	02	97	02	0	014	84	0	0	9	0	0	78	81	+ 1	+ 2	0.0	— 0.4	0.0	6
Karachi division	Ormara	000	0	1	00	10	96	03	3	992	87	1	6	6	0	0	81	92	000	0	2	25	05	96	01	1	011	84	2	6	6	0	0	80	18	—	—	0.0	— 0.0	0.6	6
	Lasbela	000	0	1	13	03	97	00	0	949	01	2	6	8	0	0	75	07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.0	— 0.0	0.0	8
	Karachi (Manora)	000	0	2	27	07	97	01	0	988	89	1	6	4	0	0	78	90	000	0	0	27	03	97	01	6	003	85	2	6	4	0	0	78	83	—	0	0.0	— 0.8	0.1	8
	Karachi (Ariport)	000	0	1	23	10	96	03	1	983	90	1	6	5	0	0	74	93	000	0	3	27	07	96	03	3	005	86	3	6	5	0	0	76	82	—	—	0.0	—	0.1	—
Hydera-bad	Nagarparker	000	0	3	23	02	97	02	0	007	04	0	0	9	3	0	69	04	000	0	4	05	02	//	02	0	033	84	6	6	6	0	0	65	//	—	—	0.0	—	0.0	—
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	23	05	96	02	0	003	85	6	6	6	0	0	76	81	—	/	0.0	—	0.1	7
	Hyderabad	000	0	0	23	09	97	02	0	964	99	0	0	9	0	0	73	05	000	0	0	23	07	97	02	0	993	87	0	0	9	0	0	75	83	+ 4	—	0.0	— 0.6	0.1	9
	Badin	000	0	3	23	08	96	03	0	988	98	0	0	9	0	3	77	00	000	0	0	20	30	96	02	0	024	85	0	0	9	0	0	78	//	+ 3	/	0.0	— 1.8	0.0	—
Khairpur	Padidan	000	0	0	18	05	97	02	0	947	09	0	0	9	0	0	52	11	000	0	0	13	03	96	02	0	977	87	0	0	9	0	0	71	83	—	—	0.0	—	0.0	—
	Nawabshah	000	0	0	18	07	96	02	0	965	07	0	0	9	0	0	71	07	000	0	0	18	10	96	02	0	983	87	0	0	9	0	0	77	81	—	—	0.0	—	0.0	4
	Sukkur	000	0	0	23	03	96	02	0	939	11	0	0	9	0	0	77	1-	000	0	0	20	05	96	02	0	973	86	0	0	9	0	0	77	81	—	—	0.0	—	0.0	—
	Kashmore	000	0	0	18	03	98	02	0	956	06	0	0	9	0	0	75	08	000	0	0	81	02	98	02	0	984	88	0	0	9	0	0	77	85	—	—	0.0	—	0.0	—
	Jacobabd	000	0	0	18	07	97	02	0	937	07	0	0	9	0	0	83	1-	000	0	0	09	03	97	02	0	974	90	0	0	9	0	0	75	84	—	—	0.0	—	0.0	4
Junagadh	Verav	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	76	86	— 1	+ 1	0.0	— 0.4	0.3	20
	HILL STATIONS																																							26
Kashmir	Srinagar **	...																																							—
	Gulmarg ***	...																																						71
	Sonamarg ***	...																																						26
	Dras ***	...																																						3
	Leh ***	...																																						6
	Skardu ***	...																																						—
	Misgar ***	...																																						—
	Aliabad ***	...																																						5
	Gilgit ***	...																																						59
Rawalpindi	Murree **	000	0	5	27	05	98	02	0	427	78	5	1	4	0	0	73	80	000	0	5	09	03	96	05	1	431	73	5	1	4	0	0	54	70	+ 4	+ 11	1.8	— 3.4	20.4	18
Peshawar	Drosh **	...																																							29
	Chetral **	000	0	0	18	0	98	00	0	418	96	0	0	9	0	0	56	98	000	0	0	18	02	98	00	0	444	84	0	0	9	0	0	58	//	+ 7	—	0.1	—11.2	9.4	—
	Kakul **	000	0	0	27	05	95	05	1	4 3	90	0	0	9	0	0	64	93	000	3	3	18	03	95	05	4	439	82	3	2	6	0	0	63	79	—	—	0.2	—	16.5	29
	Landikotal **	000	0	0	31	03	98	08	1	///	01	0	0	9	0	0	59	04	01	0	0	31	05	98	02	0	435	87	0	0	9	0	0	60	73	—	—	0.0	—	10.5	—
	Prachinar **	000	0	1	16	05	96	05	0	410	90	1	0	9	3	0	50	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2		...	...	...	13
D.I. Khan	Miranshah **	000	0	0	05	05	99	00	0	416	01	0	0	9	0	0	63	02	00	0	0	05	05	99	00	0	402	87	0	0	9	0	0	60	83	—	—	0.3	— 0.8	16.8	11
	Wana **	000	0	0	13	05	99	00	0	435	85	0	4	9	0	0	58	98	000	0	0	00	00	99	07	7	431	81	0	0	9	0	0	73	81	—	—	0.0	—	3.5	—
Quetta	Fort Sandeman **	000	7	2	05	05	96	05	0	396	99	2	4	7	3	0	43	01	000	0	0	27	02	96	04	0	418	85	0	0	9	0	0	57	79	—	2	0.0	— 0.8	4.3	—
	Hindubagh **	000	0	0	23	03	97	02	0	355	91	0	0	9	0	0	53	98	000	0	0	00	00	97	02	0	332	79	0	0	9	0	0	57	79	—	+ 3	0.0	—	4.3	9
	Loralai **	000	0	0	27	04	98	00	0	080	00	0	0	9	0	0	35	00	000	0	0	27	02	98	00	0	380	73	0	0	9	0	0	50	53	—	—	0.0	—	3.3	—
	Barkhan **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14
	Harnai **	000	0	0	00	00	96	02	0	404	02	0	0	9	0	0	61	03	001	0	0	00	00	96	02	0	419	90	0	0	9	0	0	64	//	—	—	0.0	— 1.0	1.7	9
	Samungli (Quetta) **	000	0	1	36	03	97	02	0	396	01	1	3	7	0	0	78	02	000	0	0	00	00	95	05	0	434	83	0	0	9	0	0	65	69	—	—	0.0	— 0.2	2.6	8
	Chaman **	000	0	0	36	05	97	00	0	447	//	0	0	9	0	0	45	08	000	0	0	20	05	97	00	0	448	96	0	0	9	0	0	66	69	—	—	0.0	— 0.0	2.7	—
	Nushki **	000	0	0	27	03	97	02	0	588	81	0	0	9	0	0	68	83	000	0	0	//	03	97	02	0	541	72	0	0	9	0	0	59	86	+ 6	—	0.0	—	0.0	4
	Dalbandin **	000	0	0	05	03	97	02	0	414	2	0	0	9	0	0	29	13	000	0	0	05	03	97	02	0	421	89	0	0	9	0	0	60	75	—	—	0.0	—	0.0	7
Kalat	Kalat **	000	0	0	31	02	97	02	0	394	92	0	2	9	0	0	59	95	000	0	0	16	02	97	01	0	427	76	0	0	9	0	0	64	78	+ 4	+ 3	0.0	— 0.0	0.6	—
	Khuzdar **	000	0	2	13	05	97	01	0	396	00	2	5	6	0	0	47	03	000	0	0	31	03	96	02	0	415	84	0	0	9	0	0	53	63	+ 4	+ 1	0.0	— 0.2	1.3	—
	Panjgur **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	66	80	—	0.1	—	1.0	5

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR. at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 4th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_rt_R	8$N_sCh_sh_s$	$OT_sT_sT_dT_d$	1$T_wT_wT_{wt}T$	3$P_wP_wH_wH_w$	H_w $d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Schenpandreshe	99 2 18	10 6 00	03 3 63	42 3 22	98 0 21	10 8 26	44 4 00	...	...		0 / / 24	12 6 50	30 5 03	21 9 07
M Y. Sudga	...	43 3 26	66 9 06	42 5 / /	98 0 11	09 4 33	26 6 16	26 2 68	...		05 1 26	13 2 05	30 5 02	/ / / 00
Isomiria	99 2 42	10 5 87	03 0 64	30 9 10	98 0 30	99 8 32	32 5 00	33 2 04	...		03 / / /	...	...	...
Mustasir	.	53 1 89	70 0 00	33 2 24	97 0 18	02 / 83	...	...	...		...	...	...	...
Mustansir	...	53 1 96	69 5 06	43 2 24	98 0 35	02 / 84	...	...	73 / / /		...	...	...	...
Mustansir	...	53 1 06	68 9 12	63 2 18	98 0 31	99 / 86	...	...	73 / / /		...	...	...	...

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
		PoPoPo ToToTo DoDo	hhh TTT, DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	999 252 07	...	910 186 29	070 104 31	580 017 30	755 117 56	970 245 59	251 483 / /	...	...	...	...	...
Dacca ...	00 00	998 280 12	...	360 184 09	070 122 37	583 025 57	758 111 50	975 255 43	257 465 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	997 284 43	...	400 264 57	095 150 / /	582 004 / /	749 125 / /	958 311 / /	239 431 / /	...	...	...	...	...
Multan ...	00 00	981 308 58	...	MISDA	...	...	...	...	...	...	...	...	...	...
Peshawar ...														
Queeta ...														
Sargodha ...	00 00	984 270 58	...	450 230 60	067 060 56	578 111 / /	747 211 / /	953 331 / /	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.							Max. Wind Speed	TROPOPAUSE		
		PPP TT T_a DD							PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_{at}$	dt dt ft ft ft	
16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Chittagong ...	00 00	900 212 11	800 154 30	600 038 28	350 175 57	...	...	...	...	...	...	...	...	
Dacca ...	00 00	900 216 04	800 166 10	600 070 38	350 165 37	...	...	...	...	...	...	...	...	
Gilgit ...														
Jiwani ...														
Karachi ...	00 00													
Multan ...	00 00	M.SDA	...	...	...	...	...	...	...	...	...	...	...	
Peshawar ...														
Queeta ...														
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	

PPP—Pressure in hunderds tens and units of millibars.
DD—Dew point depression.

hhh—(heights) -Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approxi mate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date(dd fff)						At 0600 hrs. G.M.T. † of Previous day (dd fff)									
	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	3.4	5.4	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	110 13	110 20	110 25	115 25	115 23	125 22	130 21	...	...	...	...	...	...	...	...	130 15	140 14	140 14	135 15	...	...	...	...	...	...	...
Chaklala ...	...	325 06	305 05	280 07	255 11	230 12	...	...	...	...	...	...	...	...	...	...	190 03	165 04	225 06	190 03	210 06	...	...	...	...	...
Chhor ...	250 12	220 14	200 14	170 09	055 07	050 08	040 13	035 10	035 19	230 12	230 25	/// //	...	...	...	215 23	220 17	220 21	235 14	240 14	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	165 23	170 29	180 44	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	No	Ascent	...	...	...	...	...	...	...	No	Ascent	...	...	...	165 23	170 29	180 44	...	...	...	...	...	...	...	...
Dacca ...	130 15	130 17	135 19	...	...	...	...	...	...	170 21	175 21	180 19	...	200 11	...	150 13	160 16	180 17	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	235 06	260 11	265 18	295 14	010 03	340 08	340 11	...	...	200 05	020 07	175 15	205 07	...	...	105 01	205 06	185 //	200 11	310 14	040 10	110 14	...	...
D. I. Khan ...	155 04	145 07	145 07	160 03	295 01	345 08	341 01	330 15	340 17	185 13	195 20	195 17	185 10	135 05	040 06	130 04	150 10	160 13	165 13	145 79	155 09	195 08	310 12	295 10	300 27	305 23
Drosh ...	...	...	...	340 00	202 03	295 03	355 11	...	...	...	...	...	135 02	190 01	220 05	...	...	...	200 02	010 08	005 73	360 17	045 72	015 17	...	...
Fort Sandeman ...	...	...	...	010 06	345 04	305 02	240 14	330 19	325 27	...	...	...	190 03	220 03	310 05	...	...	...	250 07	245 04	180 06	115 03	180 06	260 13	...	...
Hyderabad ...	150 07	165 12	185 06	030 02	010 09	010 17	015 23	015 19	015 22	165 21	170 17	170 13	180 10	190 07	200 11	165 10	190 11	195 14	195 19	185 17	225 13	350 17	005 22	010 26	...	...
Jessore ...	130 16	120 17	130 17	140 16	...	...	...	...	...	...	...	...	...	...	...	115 19	130 14	133 12	...	130 12	...	...	...	...	...	...
Jhelum ...	215 06	225 04	245 04	505 06	315 12	315 21	355 13	005 16	350 16	170 10	230 09	245 12	255 05	235 04	005 07	125 12	135 09	160 08	030 02	270 06	305 06	...	...	...	...	...
Jiwani ...	170 08	205 04	095 04	030 05	050 08	050 01	040 06	...	...	171 16	180 08	...	...	...	...	145 09	140 07	...	...	...	...	...	...	...	...	...
Karachi ...	255 14	255 20	255 18	180 03	070 12	035 15	015 23	030 32	035 37	...	...	...	...	...	...	250 12	270 01	275 / /	...	...	...	...	...	...	...	...
Khanpur ...	240 10	235 11	/// //	240 17	245 23	265 22	330 33	340 21	315 21	331 02	220 53	230 04	400 05	/// //	295 07	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	210 06	220 08	230 07	260 05	...	...	...	...	...	175 08	180 16	190 14	205 01	225 07	095 03	115 15	110 19	105 11	155 07	235 05	300 10	330 05	010 14	035 17	...	...
Multan ...	170 05	135 06	135 09	095 07	045 03	360 06	345 25	005 24	360 26	195 21	170 10	170 15	210 15	240 12	290 12	200 16	200 19	200 20	205 22	205 27	210 17	315 07	020 13	040 15	...	...
NawabShah ...	180 11	180 09	180 06	045 03	020 18	025 13	015 22	355 26	005 23	155 16	210 09	210 03	245 03	150 02	120 01	190 08	160 06	135 04	170 04	060 08	040 10	065 19	035 19	035 19	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	215 05	300 06	210 10	210 11	300 17	290 11	...	265 22	...	335 14	345 20	339 12	385 07	325 06	...	015 04	360 07	315 05	295 04	295 04	310 14	310 29	305 46	...	...
Quette ...	...	...	...	...	330 05	375 13	350 15	010 17	005 15	...	...	...	...	255 15	2 0 11	...	...	...	...	330 05	295 11	310 05	010 07	345 10	...	...
Sargodha ...	135 03	180 04	200 05	235 07	335 06	360 12	355 13	...	...	225 07	225 12	225 13	195 06	145 04	150 06	115 01	175 07	180 08	160 04	155 02	350 04	340 11	...	...	...	...
Sylhet ...	155 11	160 15	150 15	...	165 16	...	...	...	...	...	No	Asc.nt	...	...	...	125 06	120 07	105 04	...	...	...	...	...	...	...	...
Varavel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms. a.s.l.→	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...	230 1	270 17	285 16	85 1	310 09	080 15	025 36	035 43	035 43	...	...	...	...	...	...	...	...	...
Karachi ...																		
Peshawar ...																		
Quetta ...																		

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

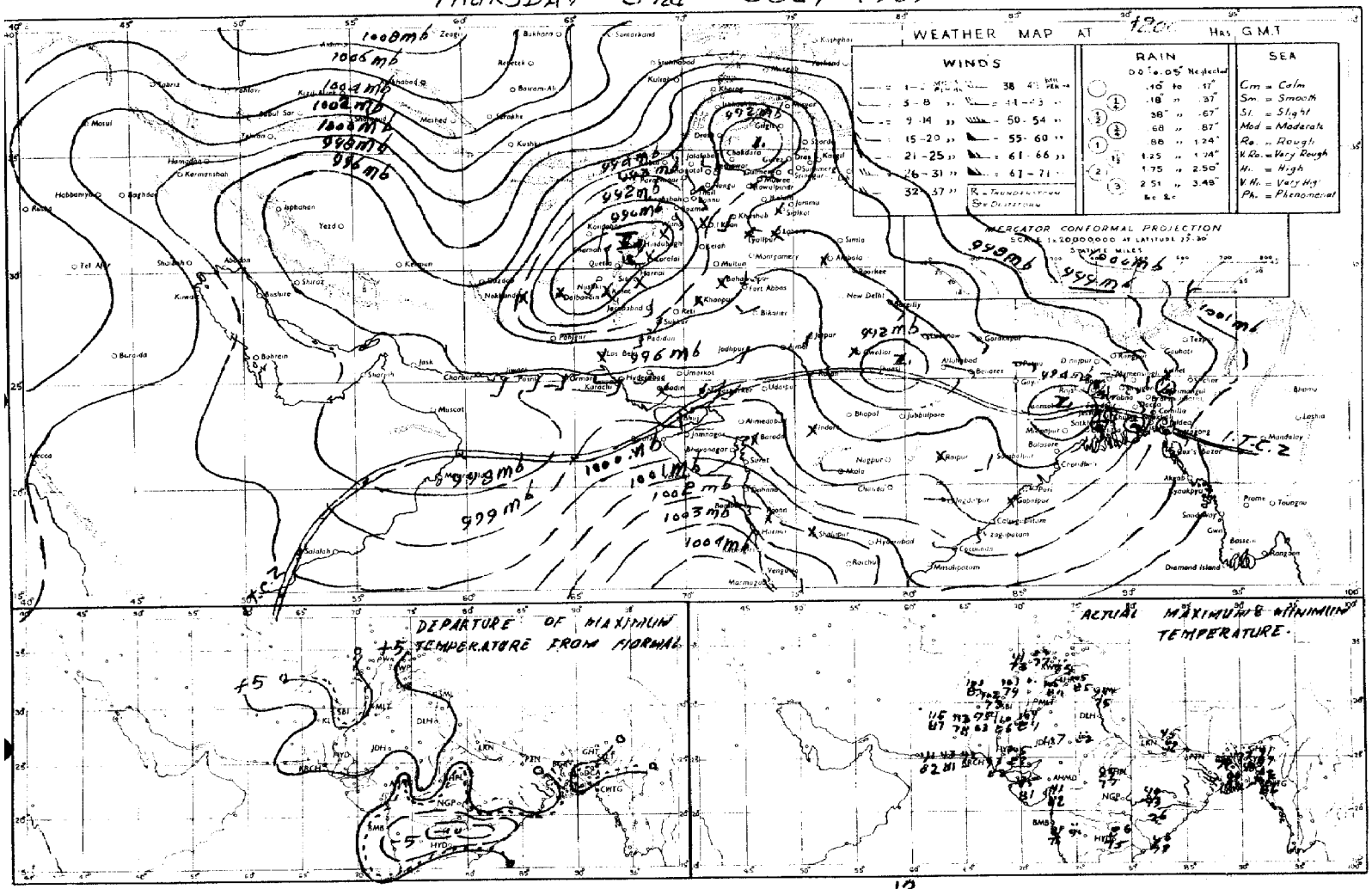
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

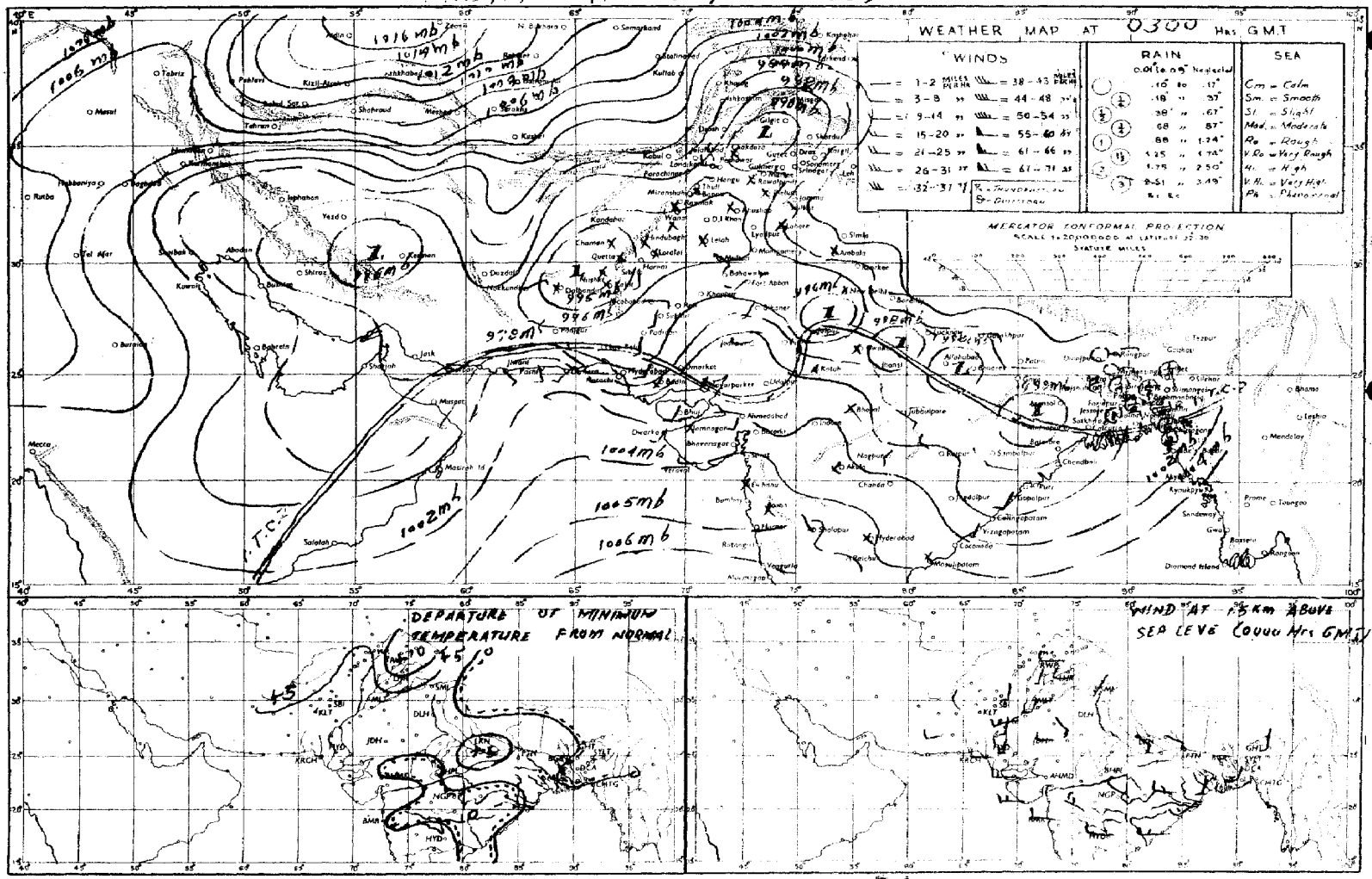
THURSDAY 3rd JULY 1969



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 4th JULY 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 5th JULY, 1969.

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

Yesterday's well marked low pressure area lies over Bihar and adjoining East Uttar Pradesh. In its association monsoon is strenghtening over East Pakistan while monsoon easterlies are penetrating into the northeastern divisions of West Pakistan.

Rain/thundershowers have been widespread in Khulna division, fairly widespared with locally heavy to very falls in Chittagong division and local in Dacca and Rajshahi divisions.

The seasonal trough of low pressure lies over Kalat division and neighbourhood and continues to be well marked.

Thunderstorms/light showers have occurred at a few places in Rawalpindi and Peshawar divisions.

Chief amounts of rainfall are : Chittagong 7", Cox's Brzar 2", Rangamati, Sylhet and Pabna 1½" each, Comilla, Srimangal, Satkhira, Rajshahi and Dinajpur 3/4" each, Maijdee Court, Faridpur, Khulna and Jessore ½" each and Mymensingh, Barisal (both upto 1200 Z) and Rangpur ¼" each.

Day temperatures were 3—7 °F (2—4 °C) above normal in west Pakistan outside Multan, D. I. Khan, Karachi and Khairpur divisions and to the same extent below normal in East Pakistan outside Rajshahi division.

Forecast valid until the evening of 6th July 1969 :-- Fairly widespread rain/thudershowers with locally heavy falls are likely to occur in East Pakistan, local in Lahore, Rawalpindi, Sargodha divisions and Kashmir and scattered in Peshawar and Multan divisions. A few dust/thunderstorms are also likely to occur in D. I. Khan, Quetta, Bhaawalpur and Khairpur divisions.

Karachi-11
The 5th July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

At 12 Hrs. G.M.T. of Previous day (columns 3–19)

DIVSIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Winds speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths) ° PPP	Dry Bulb temperature ° TT	Amount of Lowest Cloud † Nh	Low Clod from † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud from † 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 ...	C48	7	7	18	05	94	60	6	024	78	0	3	5	7	/	77	86
	Cox's Bazar ...	C88	9	8	18	14	96	61	6	017	78	5	3	4	2	0	78	85
	Chittagong ...	754	9	7	18	10	96	02	6	011	78	6	7	3	2	0	77	80
	Maijdee Court ...	000	4	8	13	05	94	03	6	988	80	5	5	4	7	0	78	86
	Comilla ...	04[illegible]	1	7	18	05	96	02	2	996	80	7	[illegible]	4	0	0	80	81
	Brahmanbaria .	C0[illegible]	0	3	18	05	97	03	1	993	82	3	5	5	0	0	77	85
	Sylhet .	039	3	8	03	10	96	02	2	003	80	5	2	3	/	/	76	88
	Srimangal .	056	9	8	//	0	96	17	9	00[illegible]	81	6	9	3	3	1	77	90
Dacca	Mymensingh ...	025	6	4	13	02	97	02	2	991	85	4	4	5	0	0	78	90
	Narayanganj ...	005	2	8	13	04	96	03	6	976	82	8	6	3	/	/	78	82
	Dacca (Tezgaon) ...	005	9	6	18	09	97	02	6	979	82	4	9	3	2	0	78	85
	Faridpur ...	038	0	8	16	02	97	02	5	976	83	7	5	4	1	0	77	85
Khulna	Barisal ...	038	5	8	13	02	96	20	6	992	78	5	4	4	2	0	78	80
	Khulna ...	020	6	5	00	00	97	03	0	966	83	0	5	4	0	0	80	82
	Satkhira ...	0C8	0	6	18	01	97	01	0	997	80	1	2	9	0	1	78	96
	Jessore ...	C01	2	8	18	07	97	61	6	975	81	5	6	3	2	/	79	87
Rajshahi	Pabna .	103	8	8	00	00	96	01	9	974	81	5	9	6	7	/	83	85
	Sirajganj ...	007	6	6	18	03	97	02	2	970	85	6	0	7	6	0	83	85
	Rajshahi ...	082	9	8	C5	02	94	63	6	974	78	5	7	4	/	/	78	87
	Bogra ...	CC8	3	5	13	02	96	01	6	978	82	3	8	4	3	0	78	87
	Dinajpur ...	008	1	7	03	02	96	66	2	981	84	7	4	6	/	/	78	90
	Rangpur ...	003	1	7	C0	00	96	21	2	980	82	4	5	6	2	0	78	90
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	27	02	95	06	0	926	07	0	0	9	0	0	67	07
	Sialkot ...																	
Rawalpindi	Jhelum ...	000	0	8	05	24	58	02	0	944	C5	5	9	6	2	/	70	05
	Islamabad ...	000	0	5	13	03	96	C5	0	///	96	2	3	5	1	3	60	56
	Rawalpindi ...	C00	0	6	05	09	97	0.	2	535	90	6	4	8	0	0	60	07
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	0	00	00	56	16	0	911	07	0	0	9	0	0	72	//
	Sargodha ...	000	0	0	18	03	56	C6	0	903	09	0	0	9	0	0	93	10
	Lyallpur ...	000	0	0	29	02	57	00	0	916	C5	0	0	9	0	0	//	09
Multan	Sahiwal ...	000	0	0	18	02	97	02	0	919	C5	0	0	9	0	0	69	05
	Multan ...	-	...	...	...	...	...	..	...	..	...	...	..	...	..	...	...	...
	Leiah ...																	
Bahawalpur	Khanpur ..	000	0	0	23	05	57	02	0	918	09	0	0	9	0	0	59	11
	Bahawalpur ...	000	0	0	00	00	56	00	0	945	C8	0	0	9	0	0	62	10
	Fort Abbas ...	C00	0	0	31	02	58	00	0	8.6	11	0	0	5	0	0	97	11
Peshawar	Chakdra ...	000	0	0	23	02	57	02	0	897	05	0	0	9	0	0	83	05
	Peshawar ...	000	0	1	C5	03	56	C6	0	893	07	1	1	6	0	0	67	07
	Haripur ...	000	0	0	23	C9	57	00	0	925	05	0	0	9	0	0	59	C5
D. I.-Khan	Bannu ...	000	0	5	13	03	58	C6	2	908	07	0	0	9	0	7	63	07
	D. I. Khan ..	000	0	0	00	00	58	00	0	910	87	0	0	9	0	0	68	95
Quetta	Sibi ...	000	0	0	18	03	57	02	0	919	15	0	0	9	0	0	62	16
	Nokkundi ...	000	0	0	31	14	97	02	0	838	10	0	0	9	0	0	47	11
Kalat	Turbat ...	000	0	0	23	02	96	00	0	853	01	0	0	9	0	0	99	01
	Jiwani ...	000	0	5	18	09	96	C3	1	587	78	5	6	5	0	0	80	83
	Pasni ...	000	0	0	11	18	97	02	0	008	91	0	0	0	0	0	75	92
Karachi division	Ormara ...	000	0	1	25	14	56	C2	2	0C8	83	1	6	6	0	0	82	92
	Lasbela ...	...	...	...	...	...	...	...	..	..	...	...	...	...	...	...	...	...
	Karachi (Manora) ...	000	0	4	77	C9	57	03	0	586	88	4	6	4	0	0	78	90
	Karachi (Ariport) ...	000	0	5	23	16	56	02	1	585	87	5	5	5	0	0	75	92
Hyderabad	Nagarparkar ...	000	0	0	18	02	97	02	0	017	04	0	0	9	0	0	69	04
	Chhor ...	000	0	0	23	26	96	07	0	945	00	0	0	9	0	0	75	02
	Hyderabad ...	030	0	0	23	10	97	02	0	963	97	0	0	9	0	0	74	02
	Badin ...	000	0	0	23	12	96	02	0	012	98	0	0	9	0	0	74	00
Khairpur	Padidan ...	000	0	0	18	09	96	02	0	929	10	0	0	9	0	0	63	12
	Nawabshah ...	C00	0	0	18	10	96	02	0	939	C8	0	0	9	0	0	70	09
	Sukkur ...	000	0	0	16	05	96	02	0	926	C8	0	0	9	0	0	68	09
	Kashmore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jacobabad ...	000	0	0	18	05	97	02	0	916	12	0	0	9	0	0	72	11
Junagadh	Verav ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ..	000	0	8	13	05	98	03	1	424	68	8	9	3	/	/	43	80
Peshawar	Drosh * ..	000	0	4	23	07	58	03	0	378	98	4	2	7	0	0	27	05
	Cherat * ...	...				...	...								...	...	...	
	Kakul * ..	000	4	8	13	09	95	30	9	410	82	8	7	5	/	/	59	94
	Landikotal * ...	000	0	0	30	15	98	02	0	412	87	0	0	9	0	0	59	02
	Prachinar * ...	000	0	7	13	03	96	05	0	397	91	1	0	6	0	0	47	92
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	396	02	0	0	9	0	0	63	04
	Wana * ...	000	0	0	30	02	99	00	0	374	86	0	0	9	0	0	64	//
Quetta	Fort Sandeman * ...	000	7	3	31	03	96	05	0	378	04	3	4	7	0	0	39	04
	Hindubagh * ...	000	0	0	27	03	97	02	0	367	97	0	0	9	0	0	53	99
	Loralai * ...	000	0	2	25	04	98	01	0	380	99	0	1	8	0	2	71	01
	Barkhan * ...																	
	Harnai * ...	000	0	0	00	00	96	02	0	403	03	0	0	9	0	0	63	04
	Samungli (Quetta) * ...	000	0	0	36	05	97	02	0	395	99	0	0	9	0	0	63	02
	Chaman * ...	000	0	0	27	03	97	00	0	485	83	0	0	9	0	0	25	07
	Nushki * ...	000	0	0	00	00	//	02	0	456	88	0	0	9	0	1	74	90
	Dalbandin * ...	000	0	0	23	03	97	02	0	418	10	0	0	9	0	0	56	12
Kalat	Kalat * ...	000	0	0	31	02	97	02	0	392	91	0	0	9	0	0	58	95
	Khuzdar * ...	000	0	0	05	02	97	02	0	383		2	5	6	0	0	41	97
	Panjgur * ...	000	0	0	00	00	96	02	0	410	10	0	0	9	03	0	74	10

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

DIVSIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total clud amount N	Wind direction in tens of degrees dd	Wind speed in konts ff	Horizontal visibility † VV	Present weather † ww	Past Weather W	Sea level pressure (mbs. and tenths) * PPP	Dry Bulb temperature TT	Amounts of Lowest Cloud † h	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum temperature TnTn	Maximum temperature TxTx	Minimum Temperature TnTn	Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 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 ...	146	9	7	18	07	97	02	6	048	84	5	7	5	1		81	79	—	—	36.7	—	43.8	—
	Cox's Bazar ...	244	9	8	13	14	96	62	6	037	82	5	7	4	2	0	81	77	— 1	0	20.8	—15.7	28.5	140
	Chittagong ...	664	9	/	13	10	97	02	9	035	82	5	4	4	0	0	81	75	— 6	— 2	23.3	— 1.2	31.0	108
	Maijdee Court ...	060	8	7	18	02	97	01	6	015	84	3	5	4	2	1	81	77	0	— 2	35.5	+11.4	47.6	115
	Comilla ...	076	3	7	18	05	56	02	6	022	79	7	4	4	/	6	77	79	— 6	+ 2	32.5	+11.5	51.7	54
	Brahmanbaria .	0C8	0	4	13	05	97	03	1	020	82	4	5	5	0	0	79	79	—	—	14.8	— 1.3	28.5	78
	Sylhet .	163	9	8	13	05	96	61	6	023	79	6	7	3	2		77	81	—	—	36.0	—	74.0	—
	Srimangal .	C86	9	8	//	03	96	03	9	022	82	7	7	3	7	2	77	77	+ 3	— 1	26.1	+ 4.8	47.5	58
Dacca	Mymensingh ...	000	0	5	13	02	97	53	2	018	86	5	4	5	0	0	79	79	+ 3	+ 1	17.2	— 3.1	32.4	91
	Narayanganj ...	C00	0	8	13	06	97	03	5	014	84	8	6	3	/	/	81	81	— 6	+ 2	14.3	— 0.2	37.8	74
	Dacca (Tezgaon) ...	0[illegible]	0	8	18	05	96	61	2	015	82	4	7	3	7	/	//	81	—	—	9.2	—	20.3	—
	Faridpur ...	053	0	8	16	02	97	61	2	006	84	6	4	5	1	0	81	79	— 3	+ 1	11.9	— 3.0	25.5	71
Khulna	Barisal ...	101	9	8	00	00	96	21	6	015	79	6	7	4	2	1	79	74	— 8	— 5	13.0	— 4.8	23.0	81
	Khulna ...	040	9	4	00	00	97	03	0	988	82	2	2	4	0	0	//	79	— 6	+ 1	9.6	— 4.7	15.7	68
	Satkhira ...	026	0	6	75	02	97	01	0	001	81	2	3	9	0	1	79	73	+ 4	+ 1	8.4	— 6.1	13.7	65
	Jessore ...	046	2	7	18	07	96	61	6	007	79	5	6	3	7	/	79	79	—	—	—	—	—	65
Rajshahi	Pabna .	133	1	6	13	02	98	01	6	003	82	4	7	/	7	0	81	79	—	—	10.0	—	23.8	59
	Sirajganj ...	007	9	6	13	02	98	02	2	C08	82	6	2	6	0	0	79	79	— 2	+ 1	15.4	+ 1.1	22.0	64
	Rajshahi ...	082	9	8	04	06	95	03	1	999	84	8	7	5	/	/	79	77	— 2	— 2	10.1	— 3.2	24.4	—
	Bogra ...	010	9	8	79	02	96	21	6	006	84	6	5	4	2	/	81	81	— 2	+ 3	9.6	— 6.1	20.6	69
	Dinajpur ...	075	3	5	13	02	96	01	6	002	84	5	0	9	4	/	81	73	+ 1	+ 1	19.5	+ 2.9	42.5	72
	Rangpur ...	028	8	7	07	02	96	03	6	012	82	7	5	6	0	0	79	81	— 2	+ 3	20.4	— 0.5	39.0	84
Kashmir	Jammu ...																							—
Lahore	Lahore (Jail Rd.) ...	000	0	6	13	03	95	06	0	969	90	6	0	9	7	0	60	86	+ 5	+ 6	0.6	— 1.7	5.2	19
	Sialkot ...																							32
Rawalpindi	Jhelum ...	001	9	6	05	02	97	17	9	982	87	4	7	6	7	0	73	79	—	—	0.4	—	9.7	—
	Islamabad ...	000	8	6	00	03	96	03	0	///	94	1	2	6	5	0	64	84	—	—	0.9	—	9.0	—
	Rawalpindi ...	000	0	6	03	02	97	02	2	971	90	6	0	9	6	0	64	81	+ 7	+ 4	1.1	— 2.1	10.7	36
	Campbellpur ...																							—
Sargodha	Khushab ...	000	0	0	00	00	58	00	0	966	91	0	0	9	0	0	73	82	— /	— 1	0.0	— 1.8	3.4	15
	Sargodha ...	000	0	0	09	03	96	06	0	964	90	0	0	9	0	0	73	82	—	—	0.0	—	3.4	—
	Lyallpur ...	000	0	0	C0	00	96	00	0	961	91	0	0	9	0	0	79	87	+ 5	+ 4	0.2	— 1.4	3.1	12
Multan	Sahiwal ...	030	0	0	18	05	96	05	0	953	90	0	0	9	0	0	//	87	+ 2	+ 1	5.9	—15.1	9.0	10
	Multan ...	000	0	0	00	00	96	00	0	///	91	0	0	9	0	0	69	84		—	0.0	—	1.8	7
	Leiah ...																							8
Bahawalpur	Khanpur ..	020	0	0	23	03	97	02	0	960	87	0	0	9	0	0	73	82	+ 4	— 1	0.0	— 0.6	0.9	6
	Bahawalpur ...	020	0	0	03	00	96	03	0	964	90	0	0	9	0	0	73	//	+ 5	/	0.1	— 0.5	1.3	6
	Fort Abbas ...	003	0	0	23	04	58	00	0	950	95	0	0	9	0	0	82	79	—	—	0.0	—	0.2	8
Peshawar	Chakdra ...	000	0	0	05	05	96	02	0	965	81	0	0	9	0	0	69	77	—	—	0.5	—	9.9	—
	Peshawar ...	003	0	0	36	03	56	06	0	973	8[illegible]	0	0	9	0	0	58	82	— 3	+ 2	0.0	— 0.4	8.7	11
	Haripur ...	000	0	0	05	03	97	00	0	967	91	0	0	9	0	0	64	84	—	—	0.3	—	10.5	—
D. I.-Khan	Bannu ...	000	0	0	00	00	58	06	2	981	90	0	0	0	2	7	73	86	—	—	0.1	—	3.9	11
	D. I. Khan ..	000	0	0	03	00	58	03	0	953	91	0	0	9	0	0	71	84	— 10	— 1	0.3	— 0.6	2.7	9
Quetta	Sibi ...	000	0	0	00	C0	97	02	0	975	94	0	0	9	0	0	68	93	—	—	0.0	—	1.1	5
	Nokkundi ...	000	0	0	31	09	97	02	0	935	97	0	0	9	0	0	45	89	—	—	0.0	—	0.3	2
Kalat	Turbat ...	000	0	0	27	02	56	00	0	873	86	0	0	9	0	0	77	//	—	/	0.0	—	0.2	—
	Jiwani ...	000	0	7	13	07	96	03	1	0C8	85	7	6	5	0	0	76	81	—	—	0.0	—	2.0	5
	Pasni ...	000	0	4	23	02	97	02	0	012	84	4	0	9	0	0	77	83	0	+ 1	0.0	— 0.4	0.0	6
Karachi division	Ormara ...	...	...	...	...	...	...	...	..	..	...	...	...	...		...		...	—					6
	Lasbela ...	000	0	0	03	00	98	00	0	992	84	0	0	8	0	0	77	77		—	0.0	—	0.0	8
	Karachi (Manora) ...	000	0	1	27	09	97	01	1	003	84	1	6	4	0	0	78	83	0	+ 1	0.0	— 0.9	0.1	8
	Karachi (Ariport) ...	000	0	4	27	03	96	01	1	002	86	4	6	5	0	0	76	83	—	—	0.0	—	0.0	—
Hyderabad	Nagarparkar ...	C00	0	4	05	02	97	02	0	048	06	6	6	6	0	0	76	83	—	—	0.0	—	0.0	—
	Chhor ...	030	0	2	23	14	96	03	0	990	85	1	6	5	0	4	75	81	—	—	0.0	—	0.1	7
	Hyderabad ...	000	0	0	23	10	97	01	0	988	87	0	0	9	0	0	74	83	+ 1	— 1	0.0	— 0.7	0.1	9
	Badin ...	000	0	0	23	03	96	02	0	021	85	0	0	9	0	0	78	//	+ 3	/	0.0	— 1.9	0.0	—
Khairpur	Padidan ...	000	0	0	18	05	97	02	0	815	87	0	0	9	0	0	72	83	—	—	0.0	—	0.0	—
	Nawabshah ...	000	0	0	18	12	96	01	0	973	87	0	0	9	0	0	74	81	—	—	0.0	—	0.0	4
	Sukkur ...	000	0	0	20	05	96	02	0	968	85	0	0	9	0	0	76	82	—	—	0.0	—	0.0	—
	Kashmore ...	000	0	0	18	02	98	02	0	969	90	0	0	9	0	0	74	83	—	—	0.0	—	0.0	4
	Jacobabad ...	000	0	0	18	09	97	02	0	968	89	0	0	9	0	0	75	85	+ 1	0	0.0	— 0.4	0.3	20
Junagadh	Verav ...																							26
	HILL STATIONS																							—
Kashmir	Srinagar * ...																							71
	Gulmarg ** ...																							76
	Sonamarg ** ...																							3
	Dras ** ...																							6
	Leh ** ...																							—
	Skardu * ...																							—
	Misgar ** ...																							5
	Aliabad * ...																							59
	Gilgit * ...																							
Rawalpindi	Murree * ..	000	0	6	09	03	96	02	1	434	73	5	6	4	0	0	59	62	+ 4	+ 3	1.8	— 3.7	20.4	18
Peshawar	Drosh * ..	...	...	...			...			...		...				...	...	...	+ 10					29
	Cherat * ...	000	0	0	18	02	98	00	0	437	81	0	0	9	0	0	59	//		/	0.1	— 1.2	9.4	—
	Kakul * ..	000	0	3	30	13	95	04	0	416	80	3	2	5	0	0	62	73	—	—	0.7	—	16.5	—
	Landikotal * ...	000	0	8	31	05	98	02	0	435	86	0	0	9	0	6	60	73	—	—	0.0	—	10.5	29
	Prachinar * ...	000	0	0	00	00	96	05	0	426	81	0	0	9	0	0	49	75	+ 3	+ 9	0.4	—	11.1	13
D.I. Khan	Miranshah * ...	003	0	0	05	05	99	00	0	417	90	0	0	9	0	0	60	84	—	—	0.3	— 0.8	1.7	11
	Wana * ...	000	0	0	23	02	95	00	0	451	82	0	8	9	0	0	62	73	—	—	0.0	—	3.5	11
Quetta	Fort Sandeman * ...	000	0	0	36	03	96	05	0	414	88	0	0	9	0	0	60	82	+ 1	+ 6	0.0	— 0.9	4.3	—
	Hindubagh * ...	000	0	0	03	00	97	02	0	411	84	0	0	9	0	0	20	//	—	—	0.0	—	3.3	9
	Loralai * ...	000	0	0	27	02	98	00	0	385	72	0	0	9	0	0	35	58	—	—	0.0	—	0.0	—
	Barkhan * ...																							14
	Harnai * ...	003	0	0	00	00	56	02	0	408	92	0	0	9	0	0	57	//	—	—	0.0	— 1.0	1.8	9
	Samungli (Quetta) * ...	003	0	0	09	05	96	05	0	430	79	0	0	9	0	0	44	63	—	—	0.0	— 0.2	2.6	8
	Chaman * ...	0[illegible]0	0	0	20	05	97	C0	0	422	90	0	0	9	0	0	49	88	+ 5	+ 12	0.0	— 0.0	2.7	—
	Nushki * ...	000	0	0	07	05	97	02	0	554	57	0	0	9	0	0	43	51	—	—	0.0	—	0.0	4
	Dalbandin * ...	000	0	0	13	02	97	02	0	415	87	0	0	9	0	0	39	81	+ 3	+ 6	0.0	— 0.0	0.6	7
Kalat	Kalat * ...	000	0	0	16	02	97	02	0	423	77	0	0	9	0	0	53	63	+ 4	+ 1	0.0	— 0.2	1.3	5
	Khuzdar * ...	000	0	0	27	02	96	02	0	418	81	0	0	9	0	0	68	77	—	—	0.1	—	1.4	—
	Panjgur * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	+ 7					

† Given in Code.

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

SATURDAY THE 5th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	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														
Isomeria	99 1 98	01 6 26	09 0 64	72 2 18	97 0 22	03 7 30	78 8 60	33 2 15			00 3 25	12 8 07	30 5 03	10 4 08

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PoPoPo ToToTo DoDo	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	000 260 08	...	510 180 00	076 122 34	584 027 00	768 117 21	973 233 63	253 477 //	438 609 //	677 817 //	...	—	...
Dacca ...	00 00	000 280 25	...	400 198 30	094 126 56	585 011 59	761 105 30	977 243 //	263 465 //	446 613 //	628 785 //	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	997 288 39	...	400 230 57	303 114 //	579 015 //	753 125 //	969 231 //	256 391 //	...	...	...	...	—
Multan ...	00 00	981 312 59	...	MISDA					...	...	...	...	...	...
Peshawar ...	00 00	557 284 57	...	380 264 58	084 170 58	585 005 50	760 107 //	975 231 //	263 415 //	...	...	...	...	...
Quetta ...	00 00		...	...	...	...			...	...	...	...	...	...
Sargodha ...	00 00	984 284 58	...	480 080 50	158 060 50	583 125 //	750 231 //	957 305 //	...	—	...	...	—	—

At Significant Levels.

STATION	Time of ascent in G.M.T.	PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 234 19	800 178 40	600 060 33	525 000 05	350 169 50	...	...	...	...	...	.	...
Dacca ...	00 00	900 234 37	800 166 29	600 050 25	530 000 41	350 165 56	...	...	...		...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	900 304 58	////////	600 070 50	527 335 10	.	...	...	...	...	...	...	...
Peshawar ...	00 00	MISDA	...	—		...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	—	...
Sargodha ...	00 00												

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights) Tens of gecpotential metres.

TT—Dry Bulb temparatures in °C

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

UPPER WIND DATA

Heights in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd fff) 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
Bogra ...	13/ //	140 17	145 13	155 14		...	...	...	...	140 19	145 19	155 13	...	...	...
Chaklala ...	..	165 06	195 09	190 06	240 05				...	..	...	...			
Chhor ...	250 03	225 17	235 21	240 04	215 23	205 09	215 07	085 19	...	210 31	215 30	205 29	/// //	270 14	/// //
Chittagong ...	165 19	170 28	180 35	..	...	..	..	...	...	.	...	...	...	...	..
Cox's Bazar ...	...	No	Ascent		...	...	...	...	...	190 14	195 15	...	...	...	..
Dacca ...	155 12	160 13	165 17	175 19	.	...		...	...	175 19	175 19	185 19	185 20	180 21	195 18
Dalbandin ...		...	285 03	270 05	235 03	220 02	005 04	015 09	010 13	..	...	320 03	045 08	035 05	350 08
D. I. Khan ...	185 07	165 09	160 09	140 09	150 05	270 05	285 14	300 22		085 13	115 10	115 10	185 11	185 08	160 02
Drosh ...	...	..	...	...	225 03	235 02	170 01	245 03	315 02	...	...	...	075 06	040 05	...
Fort Sandeman ...	.	.	...	350 01	270 04	265 05	285 13	305 16	300 17				070 05	020 04	310 12
Jacobabad ...	180 13	175 15	175 12	285 10	350 06	355 17	345 12	355 13	020 20	160 15	175 15	170 02	175 08	210 08	250 08
Jessore ...	...		...	..	...	...	...	...	...	200 15	210 17	215 18		..	
Jhelum ...	170 03	160 04	155 05	130 08	110 08	...	...	...	...	090 09	145 11	155 10	255 09	320 08	360 12
Jiwani ...	185 16	165 12	125 06	...	...	..	...	..	...	...	.	...	...	...	...
Karachi ...	250 16	245 //	260 11	...	...	...		...	...		...	.			...
Khanpur ...	230 08	225 08	220 12	210 14	215 18	270 11	350 14	015 15	350 16	220 12	220 15	220 15	225 13	265 12	305 19
Lahore ...	265 01	245 01	245 03	235 04	290 07	230 10	320 15	315 21	320 25	135 13	165 15	160 17	170 08	185 05	265 06
Multan ...	205 08	205 12	205 13	170 03	225 07	160 04	325 23	155 05	345 31	155 14	205 21	220 17	325 03	305 07	310 07
NawabShah .	195 07	205 05	240 05	045 05	035 10	035 12	035 20	035 19	030 19	215 17	200 20	195 16	180 08	120 04	030 03
Panjgur ...	...					..		...		...		...	...	...	
Peshawar ...		090 08	105 05	140 04	360 03	260 04	350 10		325 17	..	325 09	305 06	275 07	295 14	305 14
Quetta ...	.			..	300 03	250 08	320 07	350 50	330 19		.			225 05	290 15
Sargodha ...	165 04	165 03	165 06	190 07	215 08	250 13	325 25	320 13	...	165 01	165 03	240 05	315 09	225 10	250 05
Sylhet ...	110 06	160 13	170 24		...		...	335 35	...	No	Ascent	...		...	...
Veraval ...	...	..		.	...	.	..	...	...	...			...	..	.

Heights in Kms. a.s.l. —>	At 0600 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	135 12	140 17	145 13		...	...	...	...	...	...	...
Chaklala ...	...	150 08	150 10	165 10	280 10	280 08	260 13	.	...	...	...
Chhor ...	...		...			...	..	...	...	...	...
Chittagong ...	155 19	160 23	165 25	165 22	175 2/	...	..	.	.	...	...
Cox's Bazar ...	175 15	180 17	100 15	200 20	205 21	..	...	...	...	...	...
Dacca ...	170 13	170 23	180 23	...		...	..	..	...		...
Dalbandin ...	...	..	125 01	170 06	075 04	020 05	050 03	340 06	005 09	360 12	180 04
D. I. Khan ...	005 07	050 11	045 11	100 08	135 08	140 05	195 07	215 11	2?5 14	310 26	320 51
Drosh ...		...	...	075 06	040 05	...	355 16	...			
Fort Sandeman ...	...	...	..	035 06	025 08	125 02	335 04	315 07	325 10	295 15	270 17
Jacobabad ...	..		...	185 13	150 17	205 11	340 22	345 25	325 20	320 06	035 18
Jessore ...	205 10	205 13	225 14	210 15	195 15	...	..	...	..	..	...
Jhelum ...	095 13	100 14	130 08	185 06	270 10	315 07	...	..	...	...	..
Jiwani ...	150 07	120 06	070 04	...	...	...	...	..	...	...	—
Karachi ...	265 08	260 07		...	...	...	...	...	...		..
Khanpur ...	230 25	230 24	230 23	230 38	225 43	205 35	225 25	255 11	250 07	180 09	360 10
Lahore ...	120 05	160 04	190 02	260 07	180 07	305 11	310 11	315 12	300 13		
Multan ...	210 18	220 00	240 21	240 24	235 23	220 15	195 14	195 08	195 06	320 15	325 01
NawabShah .	195 03	205 04	180 05	220 04	035 05	035 07	045 08	050 17		.	...
Panjgur ...	...	..		..	...					...	..
Peshawar ...	...	015 01	070 01	355 08	305 13	310 15	270 19	255 18	260 21	270 18	290 01
Quetta ...					345 06	310 17	310 08	340 10	340 21	350 19	...
Sargodha ...	070 08	120 10	160 08	190 06	275 03	305 07	325 08	345 13	...	. .	.
Sylhet ...	165 13		...	...	...	...	...	...	—		...
Veraval ...	...	.	...	..	...	...	...	.	...	...	...

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

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

Height in g.p. Kms. a.s.l.—>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong .																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi .	260 21	270 22	270 25	330 13	340 15	070 14	055 30	065 19	055 23	045 23	040 26	040 35	080 23	035 16	225 19	180 27	...	..
Peshawar ...																		
Quetta .																		

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

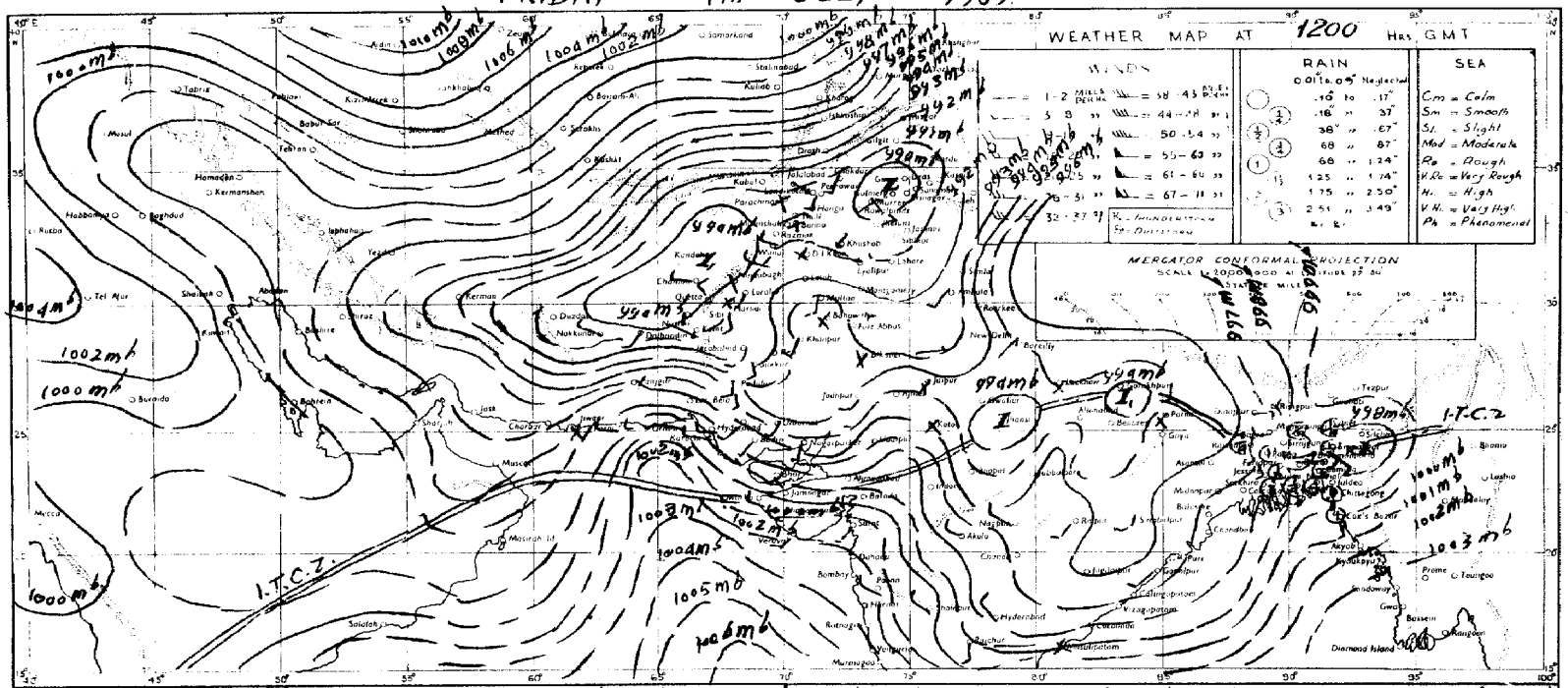
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

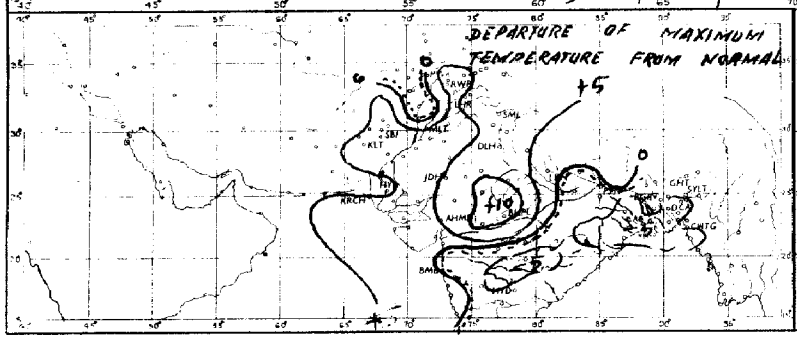
Cloud observation Data (IIiii Cdd V, V, etc.)

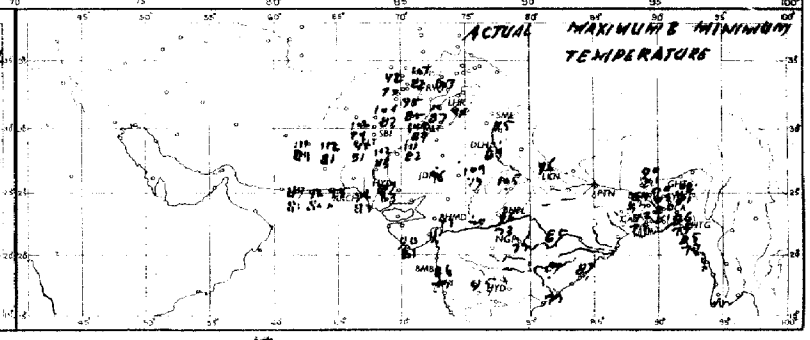
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

FRIDAY 4th JULY 1969.



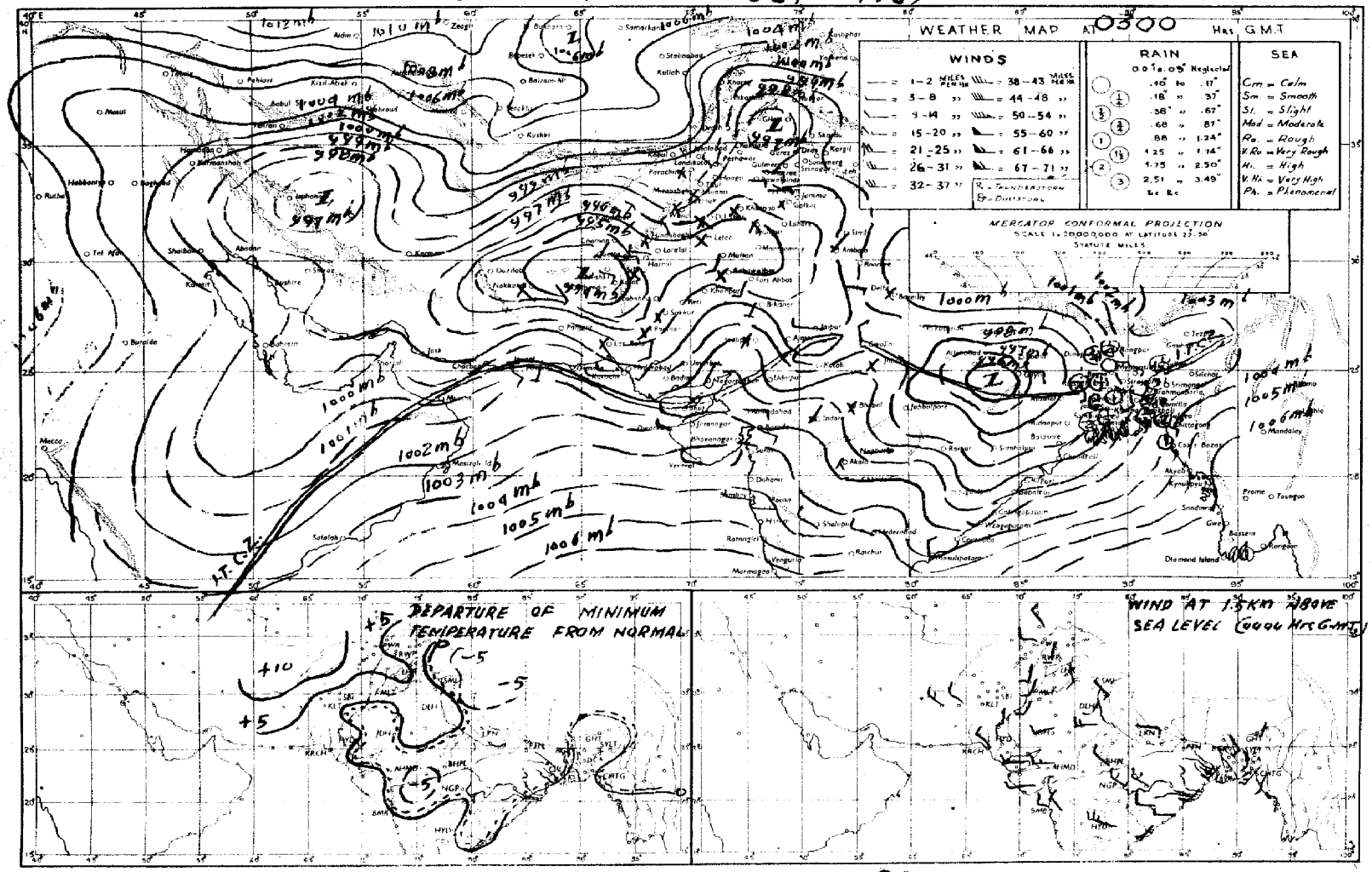




Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

SATURDAY 5th JULY 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 6th JULY, 1969.

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

Yesterday's well marked low pressure area persists over Bihar and adjoining East Uttar Pradesh and is less marked monsoon continues to be active over East Pakistan.

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

The well marked seasonal trough of low pressure now extend from Kalat division to D. I. Khan division and has caused a few thunderstorm in Rawalpindi and Peshawar divisions. Light rain also occured at a few places in division.

Chief amounts of rainfall are : Rangpur 3", Chittagong (upto 000 Z) 2", Comilla and Bogra 1" each, Srimangal 3/4", Dacca, Cox's Bazar, Sylhet, Narayanganj and Rajshahi ¼" each.

Day temperatures were 9—16 °F (5—9 °C) above normal in south Kalat division and 3—8 °F (2—4 °C) so in Chittagong division and elsewhere in West Pakistan outside D. I. Khan, Karachi and Khairpur divisions where these were nearly normal and were 3—7 °F (2—4 °C) below normal in Dacca and Rajshahi divisions.

Forecast valid until the evening of 7th July 1969 :— Fairly widespread/thudershowers with locally moderate to heavy falls are likely to occur in East Pakistan, local in Lahore, Rawalpindi divisions and Kashmir and scattered in Multan and Sargodha divisions. A few dust thunderstorm are also likely to occur in Bhaawalpur and Khairpur divisions.

Karachi-11
The 6th July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Winds speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths) *	Dry Bulb temperature °	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	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	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wc	N	dd	ff	VV	ww	W	PPP	TT	N h	CL	h	CM	CH	TdTd	TxTx	RRR	Wc	N	dd	ff	VV	ww	W	PPP	TT	N h	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	064	5	8	16	09	95	65	6	033	78	6	3	5	/	/	78	87	012	9	2	18	05	97	01	6	061	85	1	4	6	1	4	77	77	—	—	36.8	—	43.9	—
	Cox's Bazar	///	/	8	13	10	96	61	6	///	///	8	3	2	/	78	//		027	9	7	13	12	96	03	5	053	84	4	3	4	6	1	75	—	—	2	21.1	—17.9	29.3	140
	Chittagong	105	6	8	13	10	96	61	6	///	///	8	3	2	/	78	//		113	9	5	13	12	96	01	4	053	84	3	8	4	3	0	75	—	—	2	24.5	— 1.0	32.1	108
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	050	9	8	18	02	96	03	2	047	81	4	5	5	2	1	79	77	—	—	36.0	+11.1	48.1	115
	Comilla	025	1	1	18	09	96	02	2	010	83	7	4	4	0	0	77	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	1	...	...	...	94
	Brahmanbaria	000	0	3	18	07	97	03	1	011	82	5	5	5	0	0	78	86	000	0	8	18	07	97	03	1	040	82	6	5	5	0	0	77	77	—	—	14.9	— 1.6	28.5	78
	Sylhet	026	6	8	36	05	96	21	6	013	82	5	5	5	0	0	77	85	036	4	8	13	05	96	02	2	044	82	3	1	2	1	1	77	77	—	—	36.4	—	74.4	—
	Srimangal	082	9	8	///	///	96	03	9	008	78	6	3	3	1	1	77	90	074	6	4	///	///	96	02	9	040	82	0	0	9	1	1	77	77	+ 3	+ 1	46.8	+ 5.0	48.3	58
Dacca	Mymensingh	060	2	6	00	00	97	50	6	003	81	6	5	4	3	0	80	80	100	2	4	13	02	97	02	2	036	85	4	5	4	0	0	78	78	—	7	18.2	— 2.7	33.4	91
	Narayanganj	000	0	8	18	02	96	02	5	999	81	8	6	3	3	1	78	82	033	1	8	13	06	97	03	6	033	81	8	6	3	3	1	81	79	—	6	14.7	— 0.3	38.0	74
	Dacca (Tezgaon)	024	1	6	18	05	97	02	6	994	81	4	2	5	0	0	78	87	024	9	6	18	04	97	02	6	032	84	6	9	3	3	0	72	79	—	—	9.4	—	20.5	—
	Faridpur	050	0	8	16	02	97	02	6	992	83	5	5	4	1	0	78	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	1	...	...	...	71
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	031	9	6	18	07	97	02	6	003	84	5	8	4	7	0	81	79	—	1	13.3	— 2.0	23.3	81
	Khulna	090	0	7	00	00	97	03	0	966	80	3	4	4	1	0	80	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	8	...	...	...	68
	Satkhira	036	0	6	18	01	97	01	0	997	80	2	0	3	0	1	78	87	000	0	6	22	02	97	01	0	027	79	7	3	3	0	1	79	75	—	2	8.4	— 6.5	13.7	65
	Jessore	010	0	7	16	09	97	02	6	986	82	1	/	/	/	/	78	87	010	0	6	16	13	97	03	2	023	86	4	6	3	0	0	81	79	—	—	—	—	—	65
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	006	9	3	13	05	99	01	6	021	86	3	6	6	0	0	81	79	—	—	10.1	—	23.8	59
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	18	02	98	01	1	026	86	6	2	6	0	0	80	86	—	+ 8	15.4	—	22.0	64
	Rajshahi	023	5	7	13	05	95	03	/	976	85	7	5	5	/	/	78	90	023	9	6	13	03	96	03	1	018	86	6	5	5	/	/	81	81	— 1	+ 2	10.1	— 3.4	24.6	—
	Bogra	136	7	6	13	32	96	01	6	987	82	5	5	0	0	2	78	85	136	9	5	18	05	96	21	2	023	84	4	8	4	3	1	81	79	— 4	+ 1	10.9	— 5.2	21.9	69
	Dinajpur	000	9	5	09	02	96	02	2	977	82	5	5	0	0	1	78	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2	...	...	...	...	72
	Rangpur	020	4	6	00	03	96	01	9	980	82	3	5	6	2	0	78	90	095	7	7	00	00	96	03	8	021	82	7	5	6	0	0	81	76	+ 2	— 2	21.3	— 0.2	40.0	84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore	Lahore (Jail Rd.)	000	0	0	23	02	95	06	1	914	07	0	0	9	0	0	70	07	000	0	0	00	00	95	06	0	959	94	0	0	9	0	0	73	87	+ 5	+ 6	0.6	— 1.8	5.2	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	32
Rawal-pindi	Jhelum	000	8	0	13	02	96	02	9	910	05	0	0	9	0	0	68	07	000	0	0	13	03	96	05	0	953	76	0	0	9	0	0	73	87	—	—	0.4	—	9.7	—
	Islamabad	000	0	0	00	00	96	05	0	///	01	0	0	9	0	0	64	04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi	000	0	0	18	02	98	00	0	911	05	0	0	9	0	0	67	05	000	0	0	09	02	98	00	0	949	94	0	0	9	0	0	65	82	+ 5	+ 5	1.1	— 2.3	10.7	36
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Sargo-dha	Khushab	000	0	0	36	//	97	06	0	915	07	0	0	9	0	0	76	09	000	0	0	00	00	98	00	0	949	94	0	0	9	0	0	79	90	+ 5	+ 7	0.0	— 1.9	3.4	15
	Sargodha	000	0	1	05	05	96	06	0	907	07	1	1	6	3	0	67	11	000	0	0	18	05	96	01	0	949	94	0	0	9	0	0	69	79	—	+ 4	0.0	—	3.4	—
	Lyallpur	000	0	0	29	02	97	00	0	905	07	0	0	9	0	0	54	//	000	0	0	29	02	96	00	0	944	95	0	0	9	0	0	75	87	/	+ 4	0.2	— 1.6	3.1	12
Mul-tan	Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
	Multan	000	0	0	18	05	97	02	0	912	07	0	0	9	0	0	60	09	000	0	0	18	09	96	07	0	952	87	0	0	9	0	0	73	86	+ 6	+ 1	5.9	+ 5.0	9.0	7
	Loiah	000	0	0	36	00	95	00	0	944	09	0	0	9	8	0	63	09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	8
Baha-walpur	Khanpur	000	0	0	23	05	97	02	0	914	09	0	0	9	0	0	59	09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2	...	...	...	...	6
	Bahawalpur	000	0	0	00	00	96	00	0	936	07	0	0	9	0	0	63	09	000	0	0	00	00	96	00	0	964	90	0	0	9	0	0	00	84	+ 4	0	0.1	— 0.6	1.3	6
	Fort Abbas	///	/	0	23	02	98	00	0	891	14	0	0	9	0	0	98	14	000	0	0	23	04	98	00	0	950	94	0	0	9	0	0	81	90	—	—	0.0	—	0.2	8
Pesha-war	Chakdra	000	0	0	23	02	97	02	0	876	02	0	0	9	0	0	80	04	000	0	0	05	03	97	02	0	944	87	0	0	9	0	0	69	77	—	—	0.5	—	9.9	—
	Peshawar	000	0	0	00	00	96	01	0	901	01	0	0	9	0	0	67	01	000	0	0	36	02	96	06	0	947	91	0	0	9	0	0	62	82	—	3	0.0	— 1.1	8.7	11
	Haripur	000	0	1	08	02	97	00	0	911	05	0	0	9	0	0	60	07	000	0	0	36	02	97	00	0	962	94	0	0	9	0	0	60	84	—	—	0.3	—	10.5	—
D. I. Khan	Bannu	000	0	2	09	02	98	06	2	907	05	2	2	7	6	7	64	09	000	0	7	00	00	98	06	0	941	90	0	0	9	0	0	77	87	—	—	0.1	—	3.9	11
	D. I. Khan	000	0	0	00	00	98	00	0	906	78	0	0	9	0	0	72	//	000	0	0	00	00	98	00	0	959	91	0	0	9	0	0	69	86	—	+ 3	0.3	— 0.7	2.7	9
Quetta	Sibi	000	0	0	18	03	97	02	0	991	//	0	0	9	0	0	56	15	000	0	0	18	00	97	02	0	946	94	0	0	9	1	1	56	92	—	—	0.0	—	1.2	5
	Nokkundi	000	0	0	31	05	96	02	0	884	13	0	0	9	0	0	54	15	000	0	0	31	03	97	02	0	929	97	0	0	9	0	0	39	86	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	23	02	96	00	0	987	04	0	0	9	0	0	90	04	000	0	0	23	02	96	00	0	873	86	0	7	9	0	0	77	//	—	—	0.0	—	0.2	—
	Jiwani	000	0	1	18	09	96	02	0	970	87	—	6	5	0	0	81	89	000	0	0	13	07	96	02	2	996	85	6	6	5	0	0	84	81	—	—	0.0	—	2.0	—
	Pasni	000	0	0	25	10	97	02	0	994	90	—	6	9	0	0	76	08	000	0	4	10	02	97	02	0	995	84	4	0	9	0	0	77	83	+ 16	+ 2	0.0	— 0.4	0.0	5
	Ormara	000	0	1	20	10	96	02	2	983	87	1	6	6	0	0	79	91	000	0	4	03	00	96	00	0	005	84	4	6	6	0	0	82	81	—	—	0.0	— 0.1	0.6	6
Karachi division	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
	Karachi (Manora)	000	0	2	25	07	97	03	1	974	88	2	6	4	0	0	77	80	000	8	2	27	05	97	01	1	994	84	2	6	9	1	0	77	82	— 1	— 0	0.0	— 0.9	0.1	8
	Karachi (Ariport)	000	0	5	25	14	96	03	1	976	91	5	6	5	0	0	76	93	000	0	2	27	07	96	03	2	001	85	4	6	5	0	0	76	81	—	—	0.0	—	0.1	—
Hydera-bad	Nagarparker	000	0	0	23	02	97	02	0	999	03	0	0	9	0	0	73	03	000	0	8	25	02	97	02	0	034	81	8	5	6	0	0	80	83	—	—	0.0	—	0.0	—
	Chhor	000	0	0	23	16	96	05	0	948	99	0	0	9	0	0	33	01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
	Hyderabad	000	0	0	23	12	16	07	0	955	97	0	0	9	0	0	74	03	000	0	5	23	09	97	03	1	979	85	1	0	9	3	1	75	82	+ 2	0	0.0	— 0.7	0.1	9
	Badin	000	0	0	23	14	56	C2	0	020	96	0	0	9	0	0	76	00	000	0	3	23	10	96	03	0	016	85	0	0	9	0	3	78	81	+ 3	— 1	0.0	— 1.9	0.0	—
Khairpur	Padidan	000	0	0	13	05	97	02	0	914	11	0	0	9	0	0	69	12	000	0	0	13	05	97	02	0	955	86	0	0	9	0	0	71	81	—	—	0.0	—	0.0	—
	Nawabshah	000	0	0	18	16	86	02	0	928	09	0	0	9	0	0	74	10	000	0	0	18	10	96	03	2	963	86	0	0	9	0	2	74	81	—	—	0.0	—	0.0	4
	Sukkur	000	0	0	13	02	96	02	0	///	10	0	0	9	0	0	72	11	000	0	0	13	03	96	02	0	962	88	0	0	9	0	0	75	82	—	—	0.0	—	0.0	—
	Kashmore	000	0	0	18	02	98	02	0	923	10	0	0	9	0	0	73	12	000	0	0	18	02	98	02	0	957	90	0	0	9	0	0	74	83	—	—	0.0	—	0.0	4
	Jacobaba	000	0	0	18	05	97	02	0	905	10	0	0	9	0	0	78	11	000	0	0	09	05	96	02	0	954	87	0	0	9	0	0	77	84	0	— 1	0.0	— 0.4	0.3	20
Junagadh	Verav	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26
	HILL STATIONS																																								
Kashmir	Srinagar **	...																																							71
	Gulmarg **	...																																							26
	Sonamarg **	...																																							3
	Dras **	...																																							6
	Leh **	...																																							—
	Skardu **	...																																							—
	Misgar **	...																																							5
	Allabad **	...																																							59
	Gilgit **	...																																							
Rawalpindi	Murree *	000	0	5	23	03	96	02	1	439	80	5	1	4	0	0	59	82	000	0	3	00	00	97	01	1	431	75	0	0	9	5	0	54	64	+ 6	+ 5	1.8	— 4.1	20.4	18
Peshawar	Drosh *	...																																							29
	Cherat *	000	0	0	18	02	98	00	0	408	96	0	0	9	0	0	59	98	000	0	0	18	02	98	00	0	432	84	0	0	9	0	0	58	//	+ 7	/	0.1	— 1.3	9.4	—
	Kohat	000	0	2	25	05	95	05	/	432	93	2	1	5	0	0	58	95	000	0	0	18	02	98	05	0	434	87	0	0	9	0	0	54	77	—	—	0.2	—	16.5	—
	Landikotal	000	0	0	31	05	98	02	0	420	02	0	0	9	0	0	54	02	000	0	0	36	02	98	02	0	427	90	0	0	9	0	0	62	73	—	—	0.0	—	10.5	29
	Prachinar *	000	2	4	05	09	97	29	9	401	85	4	3	6	0	0	56	93	000	0	0	00	00	97	02	0	433	81	0	0	9	0	0	59	73	+ 4	+ 7	0.4	—	11.1	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	395	01	0	0	9	0	0	63	05	000	0	0	05	05	99	00	0	411	94	0	0	9	0	0	62	86	—	—	0.3	— 1.7	1.7	11
	Wana *	000	0	0	13	02	99	00	0	413	98	0	0	9	0	0	60	00	000	0	0	00	00	99	00	0	460	84	0	0	9	0	0	62	//	—	—	0.0	—	3.5	11
Quetta	Fort Sandaman *	000	7	2	18	05	97	01	0	378	04	2	4	7	0	0	27	05	000	0	0	00	00	96	05	0	415	90	0	0	9	0	0	59	82	+ 2	+ 7	0.1	— 1.0	4.3	—
	Hindubagh *	000	0	0	23	02	97	02	0	363	98	0	0	9	0	0	71	01	000	0	0	00	00	97	02	0	430	81	0	0	9	0	0	//	68	—	—	0.1	—	3.3	9
	Loralai *	000	0	0	18	02	98	00	0	385	10	0	0	9	0	0	55	03	000	0	0	27	02	98	00	0	395	81	0	0	9	0	0	69	60	—	—	0.0	—	0.0	—
	Barkhan *	...																																							14
	Harnai *	000	0	0	00	00	96	02	0	387	05	0	0	9	0	0	59	06	000	0	0	00	00	96	02	0	401	91	0	0	9	0	0	69	//	—	—	0.0	— 1.1	1.8	9
	Samungli (Quetta) *	000	0	0	27	09	97	02	0	388	00	0	0	9	0	0	79	04	000	0	0	00	00	96	05	0	425	76	0	0	9	0	0	57	61	—	—	0.0	— 0.2	2.6	8
	Chaman *	000	0	0	36	05	97	00	0	443	92	0	0	9	0	0	53	02	000	0	0	34	05	97	00	0	422	90	0	0	9	0	0	49	89	+ 7	+ 13	0.0	— 0.1	2.7	—
	Nushki *	000	0	0	27	03	97	02	0	388	01	0	0	9	0	0	68	82	000	0	0	11	03	97	02	0	541	72	0	0	9	0	0	00	65	—	—	0.0	—	0.0	4
	Dalbandin *	000	0	0	23	03	97	02	0	413	11	0	0	9	0	0	61	14	000	0	0	00	00	97	02	0	417	95	0	0	9	0	0	77	79	+ 5	+ 4	0.0	— 0.1	0.6	7
Kalat	Kalat *	000	0	0	31	02	97	02	0	386	92	1	0	9	0	0	57	95	000	0	0	16	02	97	02	0	423	78	0	0	9	0	0	52	65	+ 4	— 1	0.0	— 0.3	1.3	5
	Khuzdar *	000	0	1	09	02	97	03	0	379	04	1	0	5	6	0	22	05	000	0	0	27	03	96	02	0	414	86	0	0	9	0	0	64	80	—	—	0.1	—	1.4	—
	Panjgur *	...																																							

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 6th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_at_d	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{w'}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000$_{mb}$	850 $_{mb}$	700 $_{mb}$	500 $_{mb}$	400 $_{mb}$	300 $_{mb}$	200 $_{mb}$	150 $_{mb}$	100 $_{mb}$	70 $_{mb}$	50 $_{mb}$	30 $_{mb}$
		PoPoPo ToToTo DoDo	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...														
Dacca ...	00 00	001 286 26	...	400 194 90	052 122 61	584 013 64	259 121 73	942 257 / /	255 456 / /	400 265 / /	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	995 280 02	...	360 150 / /	993 040 / /	650 101 / /	734 175 / /	047 255 / /	235 375 / /	...	...	...	...	...
Multan ...	00 00	580 304 58	MISDA	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	555 284 62	...	400 284 63	078 180 13	530 0// //	760 005 / /	...	...	...	...	...	...	...
Quetta ...	00 00	..	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels.								Max. Wind Speed	TROPOPAUSE	
		PPP TT T_a DD								PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Chittagong ...														
Dacca ...	00 00	900 226 05	800 165 58	600 050 67	...	...	...	...	...	...	...	...	...	
Gilgit ...														
Jiwani ...														
Karachi ...	00 00													
Multan ...	00 00	M SDA	...	...	...	...	...	...	...	...	...	...	...	
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	
Quetta ...														
Sargodha ...														

PPP – Pressure in hunderds tens and units of millibars.
DD – Dew point depression.

hhh – (heights) Tens of geopotential metros.
TT – Dry Bulb temperatures in °C
T_a Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date(dd fff)						At 0600 hrs. G.M.T. † of Previous day (dd fff)										
	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	3.4	5.4	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	150 13	150 16	150 17	160 17	170 16	...	185 14	...	205 15	180 15	190 17	195 16	195 15	205 13	205 12	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...		300 01	230 03	225 06	265 08	300 23	315 33	...	...		015 08	150 05	295 05	275 19	...		140 08	...	315 02	300 08	335 09	355 14	...	...	...	...
Chhor ..	203 15	240 19	235 16	150 12	155 09	055 10	050 07	060 23	...	221 31	235 38	220 38	170 20	...	...	215 14	220 31	225 35	...	...	...	...	...	...	...	...
Chittagong ...	160 27	160 23	.	..	...	...	..	..	...	...	...	...	...	...	...	180 27	185 31	200 23	260 11	230 17	...	...	...	...	...	...
Cox's Bazar ...			..	...	...	...	..	..	...	...	...	...	...	...	...	175 08	200 15	190 20	200 13	...	..	..	...	...	...	...
Dacca ...	160 13	180 18	195 25	205 17	...	220 13	...	...	...	165 20	180 21	190 21	...	205 15	...	180 10	195 11	195 13	195 18	195 16	200 19	200 20	195 18	195 14	...	...
Dalbandin ...			120 03	110 05	040 05	025 10	340 21	020 08	360 7			080 01	040 13	040 24	...			075 06	085 08	075 05	310 03	355 07	090 06	120 10	200 04	235 10
D. I. Khan ...	035 04	110 02	165 03	150 06	140 10	115 13	225 20	300 24	305 25	155 03	160 03	155 04	210 02	080 02	125 05	080 08	090 09	090 08	095 06	050 08	090 07	205 05	240 07	300 10	330 14	330 M
Drosh ...	...	..	...	...	...	...	...	...	...	...	...	...	050 02	080 06	060 06	...	...	...	095 03	005 06	360 07	060 06	285 06	290 12	285 13	145 22
Fort Sandeman ...			...	330 04	315 08	335 04	255 07	295 14	330 19				040 04	155 13	285 14	...	...	...	185 02	200 05	040 04	195 04	280 09	225 12	245 12	255 M
Jacobabad ...	130 09	170 09	185 09	220 04	035 03	330 07	310 12	315 16	290 17	130 14	165 15	180 15	220 10	230 08	245 17	145 09	130 06	...	110 07	210 08	245 11	...	360 10	...	015 17	...
Jessore ...	165 15	190 21	200 21	185 24	185 25	...	...	...	...	195 21	/// //	/// //	190 21	205 23	...											
Jhelum ...	320 02	260 04	275 08	305 49	325 12	310 19	320 26	320 27	320 30							115 06	125 11	130 13	120 09	330 06	340 08	310 18	320 24	310 25	320 33	...
Jiwani ...	175 08	295 03	310 03	075 17	330 09	105 11	015 10	170 21	085 13	110 05	120 06	125 07				140 08	070 05	...	...	...	...	...	...	...	...	...
Karachi ...	255 14	260 15	270 17	290 09	300 07	...	...	...	...	255 31	255 22	255 17	260 12	300 15	335 22	260 08	270 05	...	...	...	...	...	...	...	...	...
Khanpur ...	230 08	230 11	230 11	250 13	265 06	270 04	155 04	275 10	285 18	200 15	220 15	215 16	225 15	260 13	285 19	200 25	215 27	225 29	225 45	245 52	230 12	255 19	250 17	290 11	015 17	025 19
Lahore ...	275 02	305 03	315 03	310 05	315 11	315 13	310 31	...	...	...	...	...	...	...	...	205 04	210 05	220 03	310 06	305 05	...	...	...	...	...	...
Multan ...	195 13	195 18	195 14	200 07	225 06	240 09	345 20	355 23	345 17							205 22	205 26	210 29	270 27	210 09	210 07	205 13	070 04	020 07	335 12	...
NawabShah ...	195 12	205 08	290 05	020 03	010 06	015 10	035 13	040 23	050 23	215 18	225 17	205 17	185 07	085 05	045 05	180 08	170 06	160 02	265 03	185 05	055 07	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	215 13	275 14	280 11	295 27	315 29	320 17	..	035 12	345 10	/// //	350 07	...	...	035 12	340 10	350 06	350 07	315 07	275 18	295 08	285 07	190 09	130 09
Quetta ...				...	255 08	270 11	285 17	285 22	290 27					270 15	285 09					170 15	250 03	275 07	285 12	290 15		
Sargodha ...	115 05	125 07	125 08	115 08	190 08	280 04	290 28	320 36	330 41	090 03	085 08	015 09	080 06	110 02	330 10	095 00	085 08	015 09	080 06	110 02	235 07	105 17	310 15	330 13	325 24	330 02
Sylhet ...	250 02	200 13	195 23	200 24	...	...	...	...	...	175 15	175 10	...	..	...	...	180 13	185 22	195 30	...	...	...	...	...	...	...	...
Veraval ...	...	...	..	..	..	..	..	...	...	...	..	..	..	..	..	...	..	..	..	...	...	...	...	..	...	...

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

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	255 31	255 22	255 17	260 12	300 15	335 21	085 42	060 22	080 35	270 42	035 19	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

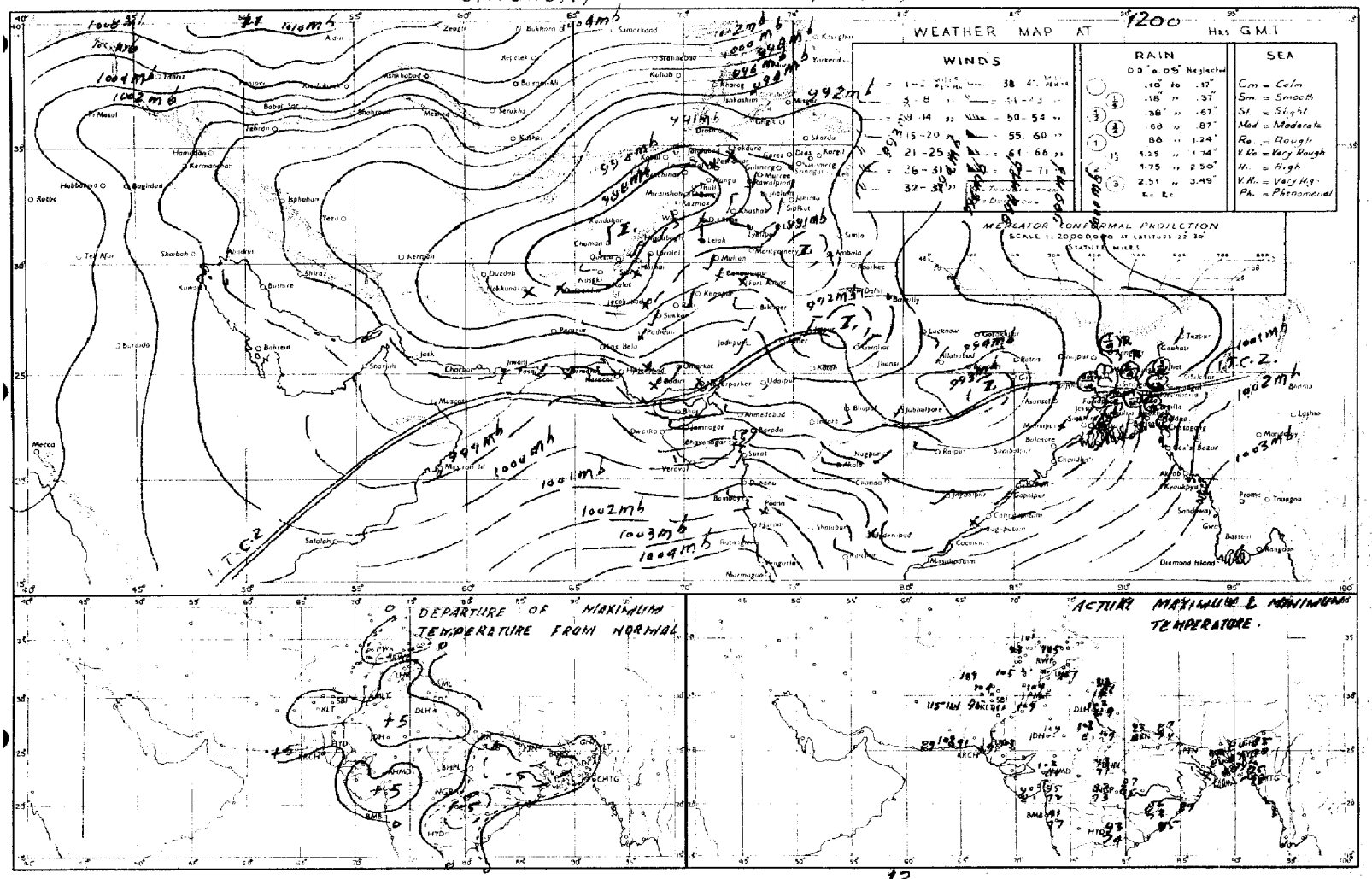
dd - Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff - Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port KARACHI – 11

PAKISTAN DAILY WEATHER MAP

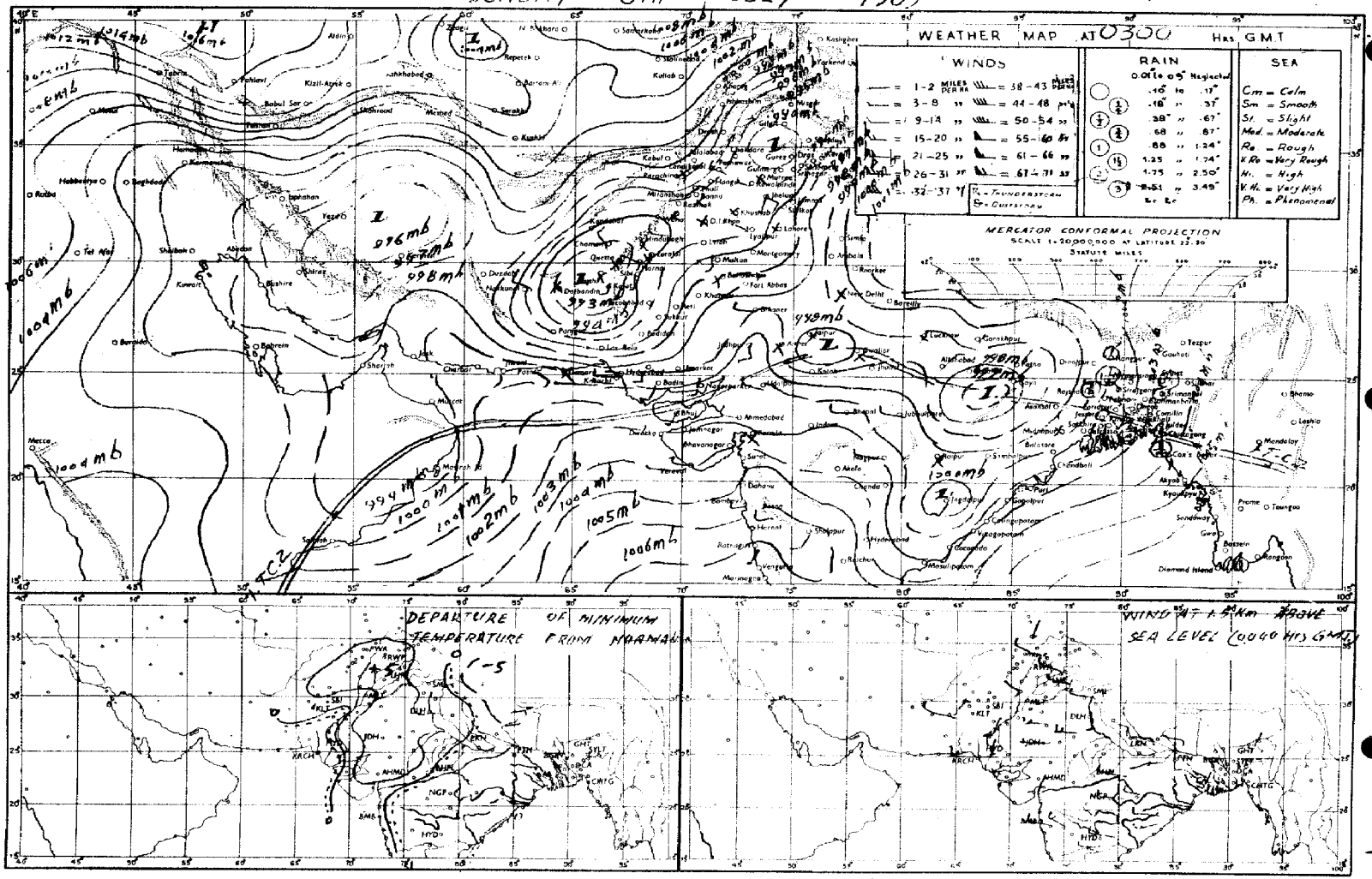
SATURDAY 5th JULY 1969



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 5th JULY 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 7th JULY, 1969.

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

Yesterday's low pressure area over Bihar and East Pakistan Pradesh persists.

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

A westerly low pressure wave is moving across the extreine northern divisions of west Pakistan. The well marked seasonal trough of low pressure now extend from Kalat division to Khulna division.

These have caused thunderstorm at a few place in Peshawar division and few duststrom in Bahawalpur division.

Chief amounts of rainfall are : Dinajpur 3", Chittagong 2", Cox's Bazar 1½", Sylhet, Satkhira and Jessore 1" each, Mymensingh and Dacca 3/4" each; Rangamati, Maijdee Court and Rangpur ½" each.

Day temperatures were 9—12 °F (5—7 °C) above normal in Rawalpindi, Sargodha and Peshawar divisions and 3—8 °F (2—4 °C) so in Chittagong division and elsewhere in West Pakistan outside D. I. Khan, south Kalat, Karachi and Khairpur divisions where these were nearly normal.

Forecast valid until the evening of 8th July 1969 :— Fairly widespread/thudershowers are likely to occur in East Pakistan and scattered in Multan, D. I. Khan, Sargodha, Rawalpindi, Lahore divisions and Kashmir. Weather is likely to remain dry elsewhere in West Pakistan.

Karachi-11
The 7th July, 1969.

(ZARIF AHMED)
for Director, Meteorological Service.

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 Clud † Nh (13)	Low Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	040	4	9	10	05	94	60	6	043	78	9	/	3	/	/	78	86
	Cox's Bazar	035	2	6	18	12	96	61	5	036	82	5	7	4	6	0	81	85
	Chittagong	020	7	7	18	12	97	03	6	087	82	4	4	4	3	0	76	89
	Maijdee Court	000	9	5	18	02	96	02	1	015	82	3	2	5	1	0	78	85
	Comilla	000	0	7	18	05	96	02	2	009	82	7	4	4	0	0	70	86
	Brahmanbaria	000	0	4	10	07	97	03	1	009	85	4	5	5	0	0	45	87
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	060	2	7	07	00	96	02	2	017	80	1	5	/	0	0	78	85
	Narayanganj	000	0	6	18	04	96	03	2	011	86	5	6	3	3	1	78	87
	Dacca (Tejgaon)	056	5	7	13	05	97	02	6	001	92	6	9	3	3	1	81	02
	Faridpur	000	0	9	20	02	91	02	2	998	83	2	9	6	1	0	78	93
Khulna	Barisal	020	0	6	18	05	97	01	2	012	85	4	/	4	2	0	78	86
	Khulna	030	0	7	00	00	97	03	0	005	81	3	4	4	1	1	82	90
	Satkhira	028	0	9	18	03	97	01	0	997	83	2	3	9	1	0	78	87
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi	Pabna	...				...	...	...		...								
	Sirajganj	000	0	1	18	02	97	02	1	006	85	4	0	7	/	0	78	87
	Rajshahi	000	0	7	13	02	96	03	1	995	87	4	5	5	2	/	83	91
	Bogra	005	0	6	18	02	96	02	2	995	86	1	2	5	3	/	78	93
	Dinajpur	006	5	7	13	02	96	17	6	983	85	5	3	6	2	/	80	87
	Rangpur	024	8	7	00	00	96	29	6	988	82	7	5	6	0	0	78	87
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	7	13	03	95	06	0	925	07	1	0	9	3	0	63	09
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	8	0	13	02	96	02	0	916	07	0	0	9	0	0	70	09
	Islamabad	000	0	5	00	00	96	03	0	///	05	4	6	7	2	0	63	07
	Rawalpindi	000	0	5	00	00	96	02	2	918	07	0	0	9	0	0	67	09
	Campbellpur																	
Sargodha	Khushab	000	0	0	36	//	97	06	0	914	90	0	0	9	0	0	85	14
	Sargodha	000	0	0	13	07	96	06	0	923	//	0	0	9	0	0	70	11
	Lyallpur	000	0	0	16	02	97	00	0	924	05	0	0	9	0	0	54	09
Multan	Sahiwal																	
	Multan	000	0	0	18	07	97	02	0	924	07	0	0	9	0	0	63	09
	Leiah	000	0	0	36	05	95	00	0	944	09	0	0	9	0	0	63	09
Bahawalpur	Khanpur	000	0	0	23	07	97	//	0	940	09	0	0	9	0	0	67	07
	Bahawalpur	000	0	0	00	00	96	00	0	934	09	0	0	9	0	0	56	09
	Fort Abbas	000	0	0	23	03	98	00	0	914	09	0	0	9	0	0	96	11
Peshawar	Chakdra	000	0	0	23	02	97	02	0	894	05	0	0	9	0	0	98	07
	Peshawar	000	0	/	05	02	97	02	0	908	09	1	1	6	0	1	56	11
	Haripur	000	0	0	23	03	97	00	0	987	05	0	0	9	0	0	60	07
D. I.-Khan	Bannu	000	0	7	13	02	98	04	2	907	07	2	2	7	1	7	64	13
	D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Sibi	000	0	3	18	03	96	02	0	979	03	0	0	9	0	0	56	14
	Nokkundi	000	0	0	31	03	96	02	0	879	16	0	0	9	0	0	54	17
Kalat	Turbat	000	0	0	23	02	96	00	0	851	01	0	0	9	0	0	88	01
	Jiwani	000	0	5	18	09	96	02	2	977	87	5	6	5	0	1	75	89
	Pasni	000	0	0	25	10	97	02	0	992	89	0	0	0	0	0	73	93
Karachi division	Ormara	000	0	2	18	10	96	01	1	987	89	1	6	6	0	0	81	91
	Lasbela																	
	Karachi (Manora)	000	0	2	27	07	96	03	0	992	89	2	6	4	0	0	79	90
	Karachi (Airport)	000	0	5	27	09	96	02	2	983	83	5	6	5	0	0	77	92
Hyderabad	Nagarparkar	000	0	0	29	02	97	02	0	017	03	0	0	9	0	0	71	04
	Chhor	000	0	5	23	23	96	07	0	960	98	5	0	9	0	0	71	98
	Hyderabad	000	0	5	23	10	96	07	2	965	96	0	0	9	0	1	75	00
	Badin	000	0	3	18	08	96	03	0	019	95	0	0	9	0	3	77	99
Khairpur	Padidan	000	0	2	18	09	96	03	0	926	10	0	0	9	0	1	62	12
	Nawabshah	000	0	7	18	20	96	02	2	945	04	0	0	9	0	7	72	09
	Sukkur	000	0	0	13	05	96	02	0	921	10	0	0	9	0	0	73	11
	Kashmore	000	0	0	18	03	98	02	0	934	10	0	0	9	0	0	71	12
	Jacobabad	000	0	0	18	09	97	02	0	908	09	0	0	9	0	0	79	09
junagadh	Verav																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	3	27	05	97	01	1	414	85	3	1	9	0	0	63	86
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cherat *	000	0	1	18	02	98	00	0	426	01	0	0	9	0	0	49	02
	Kakul *	000	0	0	31	02	96	05	0	430	93	0	0	9	0	0	58	//
	Landikotal *	000	0	0	31	05	98	02	0	402	00	0	0	9	0	0	60	05
	Prachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Miranshah *	000	0	4	05	05	97	//	0	403	02	4	0	9	0	0	63	05
	Wana *	000	0	0	12	05	99	00	0	350	99	0	0	9	0	0	//	02
Quetta	Fort Sandeman *	000	7	3	13	07	96	05	0	388	03	3	4	7	0	0	37	06
	Hindubagh *	000	0	0	23	03	97	02	0	378	93	0	0	9	0	0	63	99
	Loralai *	000	0	0	27	02	98	00	0	390	10	0	0	0	0	0	45	//
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	386	05	0	0	9	0	0	61	05
	Samungli (Quetta) *	000	0	0	00	00	97	02	0	392	01	0	0	9	0	0	64	03
	Chaman *	000	0	0	36	05	97	00	0	449	92	0	0	9	0	0	53	09
	Nushki *	000	0	7	21	13	94	50	4	488	98	3	6	7	4	0	75	91
	Dalbandin *	000	0	0	23	03	97	02	0	421	12	0	0	9	0	0	64	12
Kalat	Kalat *	000	0	0	31	02	97	02	0	384	93	0	0	9	0	0	60	97
	Khuzdar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Panjgur *																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (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, 1969 to-date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	052	9	7	18	06	94	60	6	064	73	5	7	4	2	/	77	77	—	—	37.3	—	44.6	—
	Cox's Bazar	129	9	8	15	07	96	21	6	053	81	6	7	3	0	0	81	77	— 0	0	22.4	—16.6	30.6	140
	Chittagong	172	9	8	00	00	95	61	6	052	77	8	3	2	2	/	77	77	+ 3	0	23.1	— 0.0	33.9	108
	Maijdee Court	050	6	8	18	02	93	63	6	024	73	6	5	4	2	1	77	77	—	— 1	36.5	+10.9	48.6	115
	Comilla	...	...	...	...	...	...	...	...	...	...					...	...	...	—					94
	Brahmanbaria	000	0	5	18	05	97	03	1	034	84	5	4	5	0	0	77	79		—	14.8	— 1.9	28.5	78
	Sylhet	095	9	8	13	05	99	02	6	048	//	6	5	4	2	1	77	86		—	37.3	—	75.3	—
	Srimangal	067	2	6	00	00	97	02	5	029	84	6	5	4	0	0	87	75		+ 1	18.9	— 2.6	34.1	98
Dacca	Mymensingh	063	2	6	07	00	97	02	5	029	84	6	5	4	0	0	87	79	— 2	+ 1	18.9	— 2.6	34.1	91
	Narayanganj	000	0	8	23	02	98	03	2	030	88	6	6	3	3	/	87	87	— 1	+ 2	14.7	— 6.7	38.1	74
	Dacca (Tejgaon)	074	9	7	18	05	97	02	6	031	82	3	7	3	2	0	87	87	—		10.1	—	21.2	—
	Faridpur	000	0	7	23	07	96	02	2	027	86	5	4	5	/	0	87	87	— 2	+ 3	—	—	—	71
Khulna	Barisal	023	9	4	00	03	97	03	0	018	84	8	2	9	5	1	//	87	— 2	+ 3	—	—	—	81
	Khulna	020	9	4	00	03	97	03	0	018	84	8	2	9	5	/	//	87	+ 2	+ 3		—		68
	Satkhira	098	0	6	23	05	97	01	0	997	82	2	3	9	0	1	79	77	— 2	+ 1	9.3	— 6.0	14.7	65
	Jessore	091	0	7	18	09	97	03	1	023	84	7	6	3	0	0	81	81		—	—	—	—	65
Rajshahi	Pabna	000	0	6	23	05	98	03	1	020	87	6	6	7	0	0	81	87		—	10.1	—	23.8	59
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 0					64
	Rajshahi	030	0	6	23	02	95	03	1	023	86	6	5	5	/	/	79	77	+ 2	— 2	10.1	— 3.9	24.6	—
	Bogra	...	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					69
	Dinajpur	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					72
	Rangpur	052	9	7	09	02	96	03	9	022	82	7	5	6	0	0	81	79	— 1	+ 1	21.8	— 0.5	40.5	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	13	03	95	05	0	976	90	0	0	9	0	0	77	88	+ 8	+ 8	0.6	— 2.0	5.2	19
	Sialkot	000	0	0	03	00	96	03	0	943	00	0	0	9	0	0	88	78	—	— 9	0.4	— 4.0	5.0	32
Rawalpindi	Jhelum	000	0	0	13	07	97	02	0	979	93	0	0	9	0	0	74	88	—	—	0.4	—	9.7	—
	Islamabad																		—					—
	Rawalpindi	000	0	0	05	03	97	00	0	974	//	0	0	9	0	0	74	88	+ 10	+ 11	1.1	— 2.5	10.7	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	00	98	00	0	972	91	0	0	9	0	0	81	90	+ 10	+ 7	0.0	— 2.0	3.4	15
	Sargodha	000	0	0	13	03	96	06	0	974	91	0	0	9	0	0	76	96	—	—	0.0	—	3.4	—
	Lyallpur	000	0	0	16	02	96	00	0	970	93	0	0	9	0	0	76	88	+ 6	+ 5	0.2	— 1.6	3.1	12
Multan	Sahiwal																							10
	Multan	000	0	0	20	07	96	05	0	971	88	0	0	9	0	0	74	84	+ 6	— 1	5.9	+ 5.0	9.0	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Bahawalpur	Khanpur	000	0	0	23	09	96	02	0	970	84	0	0	9	0	0	74	81	+ 2	— 2	0.0	— 0.8	0.9	6
	Bahawalpur	000	9	0	00	00	96	03	0	976	88	0	0	9	0	0	72	82	+ 4	— 2	0.1	— 0.6	1.3	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdra	000	0	0	05	02	97	02	0	964	82	0	0	9	0	0	72	77	—	—	0.5	—	9.9	—
	Peshawar	000	0	0	05	02	96	06	0	966	90	0	0	9	0	0	72	84	+ 8	+ 4	0.0	— 0.5	8.7	11
	Haripur	000	0	0	04	02	97	00	0	965	92	0	0	9	0	0	//	88	—	—	0.3	—	10.5	—
D. I.-Khan	Bannu	000	0	7	00	00	98	06	2	968	91	0	0	9	0	7	77	88	—	—	0.1	—	3.9	11
	D. I. Khan	000	0	0	00	00	98	00	0	961	91	0	0	9	0	0	81	83		+ 3	0.3	— 0.8	2.7	9
Quetta	Sibi	000	0	0	18	03	97	02	0	967	92	0	0	9	0	0	66	91	—	—	0.0	—	1.1	5
	Nokkundi	000	0	0	36	03	97	02	0	919	00	0	0	9	0	0	42	87	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	18	02	96	00	0	871	86	0	0	9	0	0	76	//	—	—	0.0	—	0.2	—
	Jiwani	000	0	8	13	09	96	02	2	008	85	8	2	5	0	0	73	83	—	—	0.0	—	2.0	5
	Pasni	000	0	4	07	10	97	02	0	015	82	4	0	9	0	0	78	79	+ 1	+ 1	0.0	— 0.4	0.0	6
Karachi division	Ormara	000	0	3	00	00	56	06	6	021	84	3	6	6	0	0	80	//		—	0.0	— 0.0	0.6	6
	Lasbela																							8
	Karachi (Manora)	000	0	2	27	05	96	01	1	013	83	2	6	4	0	0	77	87	0	— 1	0.0	— 0.9	0.1	8
	Karachi (Airport)	000	0	5	27	07	96	03	2	012	85	2	6	5	0	0	78	87	—	—	0.0	—	0.0	—
Hyderabad	Nagarparkar	000	0	8	23	02	97	03	0	031	87	8	5	6	0	0	77	83	—	—	0.0	—	0.0	—
	Chhor	000	0	6	18	02	96	03	0	034	84	6	5	6	0	0	67	//	—	—	0.0	—	0.0	7
	Hyderabad	000	0	2	23	10	97	03	0	989	85	0	0	9	0	1	75	82	0	0	0.0	— 0.8	0.1	9
	Badin	000	0	0	23	04	96	02	0	021	85	0	0	9	0	0	78	81	+ 3	— 1	0.0	— 2.0	0.0	—
Khairpur	Padidan	000	0	1	13	05	97	01	0	972	87	0	0	9	0	1	72	87	—	—	0.0	—	0.0	—
	Nawabshah	000	0	7	18	06	96	03	2	980	87	0	0	9	0	6	75	87	—	—	0.0	—	0.0	4
	Sukkur	000	0	0	16	05	96	02	0	968	87	0	0	9	0	0	74	87	—	—	0.0	—	0.0	—
	Kashmore	000	0	0	18	02	98	02	0	968	88	0	0	9	0	0	73	82	—	—	0.0	—	0.0	4
	Jacobabad	000	0	0	18	07	97	02	0	976	89	0	0	9	0	0	74	84	— 1	— 1	0.0	— 0.4	0.3	20
junagadh	Verav																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	000	0	3	00	00	96	01	1	431	77	3	5	4	0	0	61	63	+ 11	+ 8	1.8	— 4.5	20.4	18
Peshawar	Drosh *	000	0	0	13	02	99	02	0	447	88	0	0	9	0	0	40	79		+ 7	—	—	—	29
	Cherat *	000	0	0	18	02	98	00	0	442	86	0	0	9	0	0	72	//	+ 12	/	0.1	— 1.4	9.4	—
	Kakul *	000	0	0	18	03	95	05	4	417	85	0	0	9	0	0	63	87	—	—	0.7	—	16.5	—
	Landikotal *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					29
	Prachinar *	000	0	0	00	00	97	02	0	442	82	0	0	9	0	0	54	74		+ 8	0.4	—	11.1	13
D.I. Khan	Miranshah *	003	0	0	05	05	99	00	0	419	91	0	0	9	0	0	67	97	—	—	0.3	— 0.9	1.7	11
	Wana *	000	0	0	00	00	99	00	0	415	88	0	0	9	0	0	77	79	—	—	0.0	—	3.5	11
Quetta	Fort Sandeman *	000	0	0	05	02	97	02	0	421	91	0	0	9	0	0	58	83	+ 5	+ 8	0.0	— 1.0	4.3	—
	Hindubagh *	000	0	0	00	00	97	02	0	399	78	0	0	9	0	0	48	70	—	—	0.0	—	3.3	9
	Loralai *	003	0	0	27	02	98	00	0	395	75	0	0	9	0	0	45	50	—	—	0.0	—	0.0	—
	Barkhan *																							14
	Harnai *	003	0	0	00	00	96	02	0	406	92	0	0	9	0	0	69	//	—	—	0.0	— 1.1	1.8	9
	Samungli (Quetta) *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
	Chaman *	000	0	0	16	05	97	00	0	447	84	0	0	9	0	0	45	87	+ 7	+ 11	0.0	— 0.0	2.7	—
	Nushki *	003	0	0	07	06	97	02	0	563	75	0	0	9	0	0	64	70	—	—	0.0	—	0.0	4
	Dalbandin *	000	0	0	13	03	97	02	0	417	93	0	0	9	0	0	52	79	+ 3	+ 4	0.0	— 0.0	0.6	7
Kalat	Kalat *	000	0	0	13	03	97	02	0	428	78	0	0	9	0	0	56	64	+ 6	+ 2	0.0	— 0.3	1.3	—
	Khuzdar *	000	0	0	27	03	96	02	0	425	85	0	0	9	0	0	65	81		—	0.1	—	1.4	5
	Panjgur *																							—

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 7th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_gt_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														
Kossamatella	99 2 32	10 6 01	05 0 63	82 1 09	97 0 32	00 0 26	23 3 7/				0/ / 25	12 7 68	30 3 02	22 6 05

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	C02 263 10	...	400 186 18	100 106 03	584 011 00	758 127 56	972 263 57	253 481 / /	436 665 / /	671 869 / /	...	...	...
Dacca ...	00 00	002 303 20	...	300 156 56	056 095 58	579 055 57	752 135 58	966 265 59	247 475 / /	330 639 / /	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	997 288 30	...	400 170 40	030 080 10	571 121 / /	738 231 / /	944 335 / /	...	...	...	...	..	...
Multan ...	00 00		MISDA											
Peshawar ...	00 00	956 310 60	...	400 298 64	104 220 63	593 044 63	771 051 / /	992 161 / /	284 287 / /	...	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD							Max. Wind Speed	TROPOPAUSE	
									PmPmPm dmdm fmfmfm	$P_tT_aP_tT_aT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	903 210 12	800 156 11	620 058 00	523 000 00	350 187 56	...	...	...	...	...	...	...
Dacca ...	00 00	900 190 56	800 136 57	620 030 57	558 020 57	350 193 57	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00												
Multan ...	00 00	MSDA	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...													

PPP—Pressure in hunderds 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.

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 Previous day (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	3.4	5.4	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	170 16	180 17	160 17	180 12	...	...	...	...	...	210 17	210 23	210 24	...	...	...	200 11	215 14	210 18	...	...	...	...	...	...	...	...
Chaklala ...		290 07	300 05	260 03	240 09	290 09	...	...	...	...	115 12	125 18	090 10	290 13	325 12	..	130 13	120 11	130 08	145 07	175 06	...	...	...	...	...
Chhor ...	210 21	120 31	215 29	230 19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	150 15	155 20	155 25	...	...	...	...	...	...	...	...	...	...	...	...	175 23	175 22	185 22	...	...	...	...	...	...	...	...
Cox's Bazar ...	180 14	180 13	180 13	210 10	...	...	...	...	...	...	...	...	...	...	...	200 15	205 19	215 19	...	...	...	...	...	...	...	...
Dacca ...	150 13	155 12	190 13	190 14	230 15	230 12	220 13	210 11	200 13	No	...	...	...	...	...	185 10	190 16	200 18	220 18	210 15	...	...	...	...	...	...
Dalbandin ...		010 01	010 01	180 02	025 01	055 03	290 04	330 06	315 06	210 09	210 15	220 17	...	...	...	...	...	160 01	075 03	055 08	160 08	015 07	020 05	100 05	270 14	280 16
D. I. Khan ...	200 21	190 19	185 20	175 18	165 19	130 19	310 10	285 19	...	050 06	070 08	090 06	070 11	160 01	160 01	075 05	...	...	...	...	...	...	...	...	...	...
Drush ...	...	..	...	...	240 06	225 04	260 15	235 10	325 08	...	...	...	340 02	345 07	350 06	..	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...				360 10	315 10	030 05	280 16	180 16	180 08				285 00	055 20	005 00	..	...	...	...	010 07	055 02	350 20	360 01	345 15	360 11	345 19
Jacobabad ...	160 11	180 11	180 08	030 02	005 06	350 09	320 07	005 17	315 16				090 04	180 07	255 10	...	...	...	065 05	095 02	100 06	070 02	230 03	...	...	...
Jessore ...	180 13	180 19	180 23	220 12	250 10	...	...	...	...	125 17	165 / /	205 11	270 05	280 06	265 10	135 12	170 10	190 09	190 07	115 06	280 13	305 07	050 13	030 12	055 11	015 24
Jhelum ...	100 06	115 04	/ / / /	145 05	270 06	335 12	350 17	320 21	310 26	110 10	135 15	150 16	100 07	305 15	300 04	200 15	205 15	215 19								
Jiwani ...	165 06	135 04	090 01							105 10	115 11	125 12				115 08	135 10	125 11	200 06	325 11	320 20	335 18	325 17	320 14	285 13	325 18
Karachi ...	250 13	245 14	245 09													105 07	115 07	125 06	...	...	...	...	...	...	...	...
Khanpur ...	220 13	215 11	215 13	220 19	245 11	290 07	015 11	260 13	015 12	210 12	280 11	/ / / /	220 13	230 12	330 20	265 12	260 15									
Lahore ...	135 03	265 08	200 05	180 06	255 02	320 06	005 07	345 02	345 03	145 13	165 21	180 18	195 05	315 05	320 05	240 16	225 22	225 24	220 23	225 34	225 44	280 25	275 13	260 08	010 09	010 25
Multan ...	195 12	190 25	190 14	185 08	185 08	251 04	345 15	355 25	245 23	205 19	220 25	220 04	350 06	355 07	070 08	110 06	135 07	130 07	125 04	290 03	275 06	325 15	240 26	340 31	345 27	335 24
Nawabshah ...	205 14	205 20	205 15	140 07	065 03	010 12	050 10	...	..	210 17	210 24	205 27	160 08	110 05	040 11	...	...	...	...	...	...	...	...	...	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	225 07	230 07	225 07	195 04	100 03	060 08	070 17	060 17	050 14	050 06	...
Peshawar ...	...	060 04	040 01	205 04	250 05	260 10	300 12	315 19	310 21	...	340 10	345 15	335 14	330 12	330 10	...	010 12	355 11	320 06	300 07	295 11	320 16	320 16	255 11	275 23	255 30
Quetta ...														225 12	265 14	...				275 03	335 07	130 02	160 08	260 11	285 15	275 15
Sargodha ...	145 06	100 06	165 06	360 02	350 06	335 13	345 21	320 23	325 25	140 23	140 09	190 06	250 05	200 01	345 13	095 06	110 08	115 05	215 04	330 12	340 12	340 27	320 09	315 15	285 10	280 10
Sylhet ...	195 06	200 17	195 21	...	...	...	...	...	...	083 13	...	...	...	...	...	185 10	195 15	220 17	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.F. Sargodha ...																		
Karachi ...	260 15	320 11	330 10	230 12	255 15	155 12	040 39	050 15	055 06	055 21	070 25	125 12	055 23	075 23	075 23	...	...	...
Peshawar ...																		
Quetta ...																		

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

dd Hundreds and tens of degree of wind direction rounded off to the nearest 5°

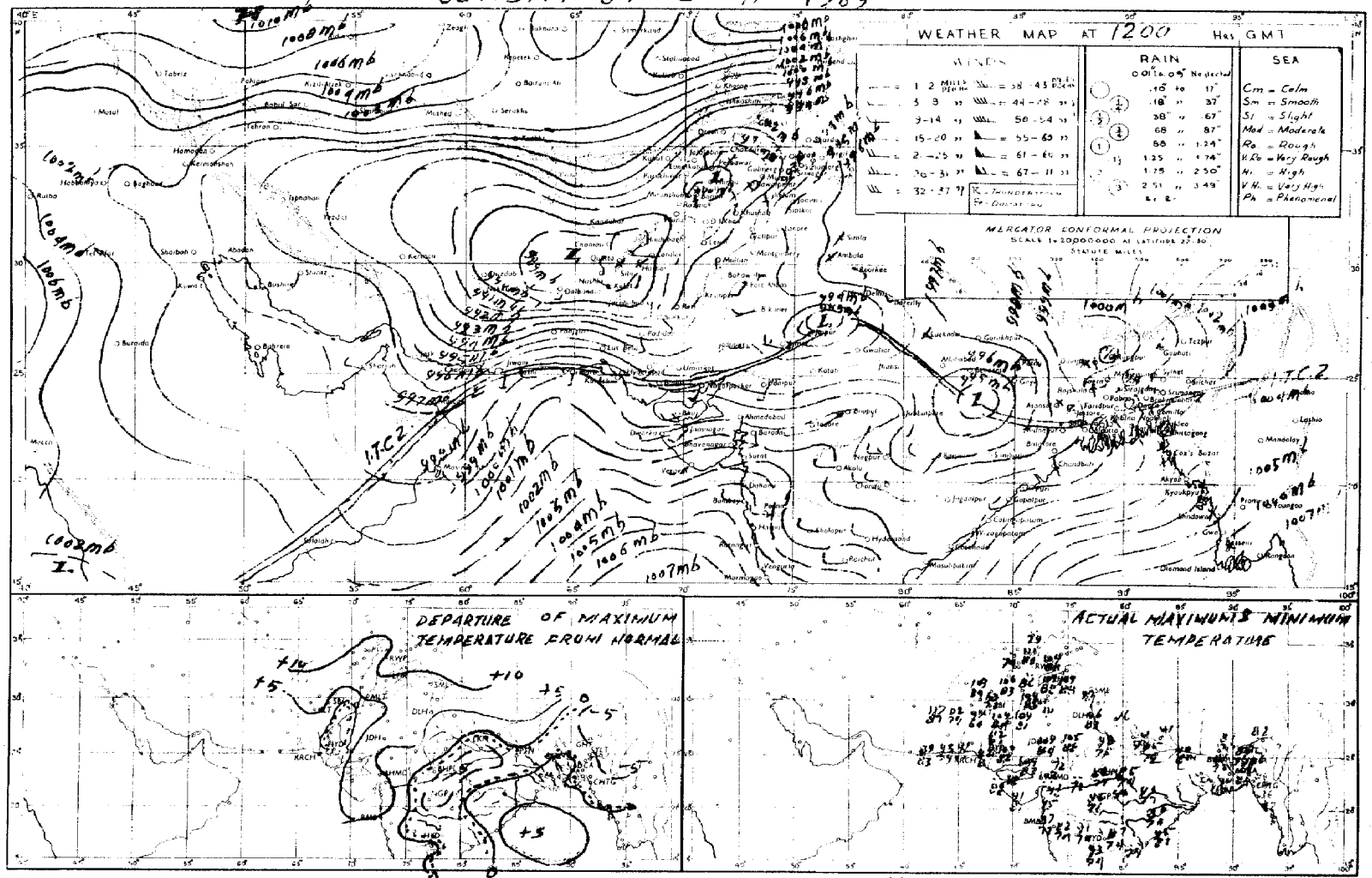
fff Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

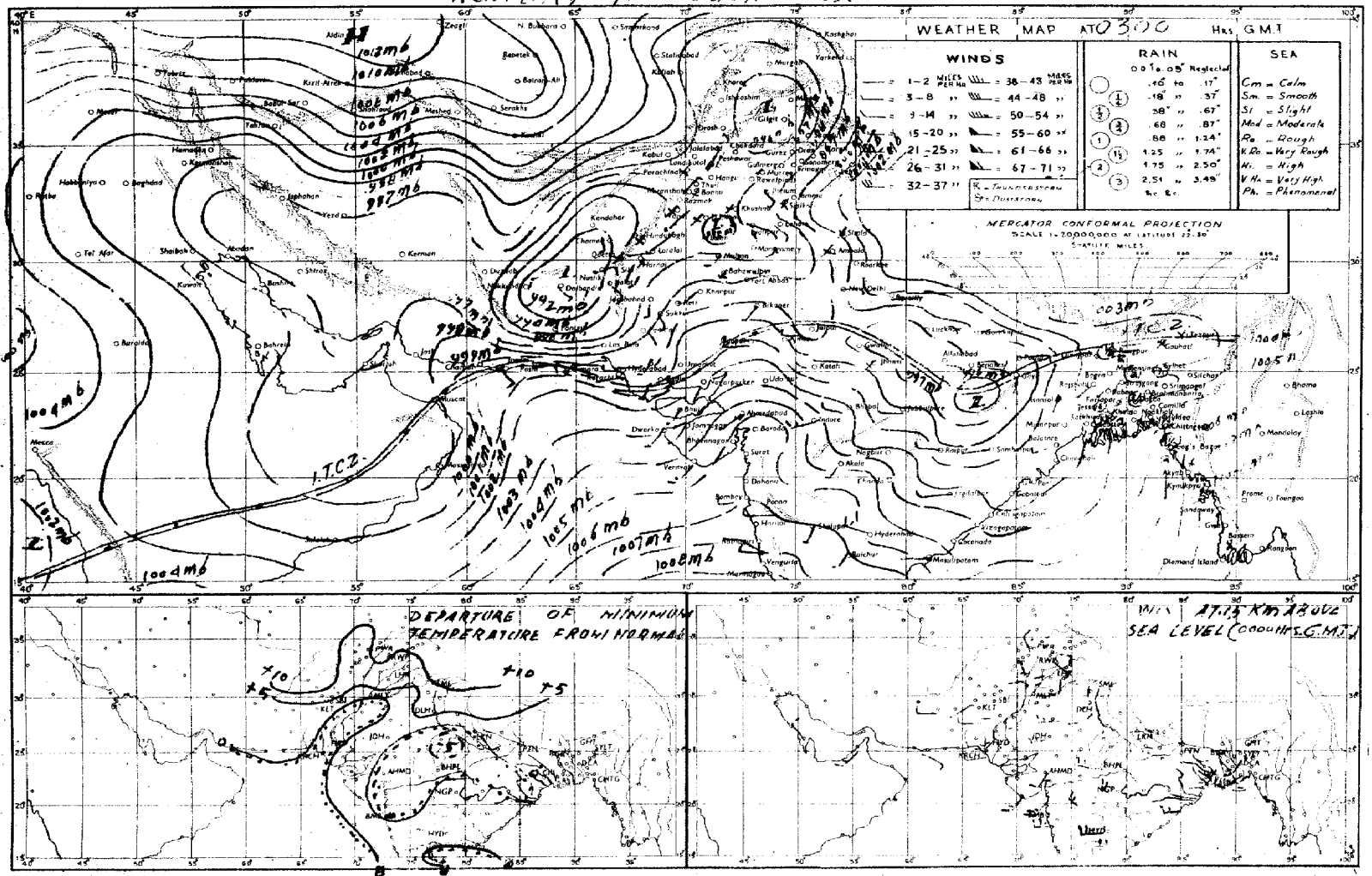
SUNDAY 6th JULY, 1969



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

PAKISTAN DAILY WEATHER MAP

MONDAY 7th JULY. 1959.



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

Pages 1—2 Rs. 3/-
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Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 8th JULY, 1969.

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

Yesterday's low pressure area over Bihar and east Utter Pradesh has merged with the monsoon trough extending from south Bihar to Rajasthan. Rain/thundershowers have been fairly widespread in Chittagong, Khulna and Rajshahi divisions and local in Dacca division.

Yesterday's westerly low pressure wave is moving away across Kashmir. The well marked seasonal trough of low pressure extend from Kalat to D. I. Khan divisions. Under their combined influence seattered rain/thundershowers have occured in Lahore, Rawalpindi and Peshawar divisions. Thunderstorm/light showers also occurred at a few places in D. I. Khan and Quetta divisions. A few duststrom in Bahawalpur division and a few falls of light drizzle in Karachi division.

Chief amounts of rainfall are : Jessore 7", Rangpur 4", Comilla, Mymensingh, Dinajpur (upto 000 Z) 2" each, Maijdee Court 1", Chittagong 3/4", Cox's Bazar, Brahmanbaria and Sialkot ½" each, and Rangamati, Narayanganj, Barisal, Sirajganj, Bogra and Murree ¼" each.

Day temperatures were 9—13 °F (5—7 °C) above normal in Lahore and Peshawar divisions 3—8 °F (2—4 °C) so in Khulna and Rajshahi divisions and elsewhere in west Pakistan outside south Kalat, Karachi, Hyderabad and Khairpur divisions and were 3--6 °F (2—3 °C) below normal in Quetta division.

Forecast valid until the evening of 9th July 1969 :-- Local rain/thudershowers are likely to occur in East Pakistan and scattered in Rawalpindi, Lahore, Multan, Sargodha, D.I. Khan divisions and Kashmir.

Karachi-11
The 8th July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	020	5	7	18	05	96	63	6	034	80	6	3	5	7	/	77	87
	Cox's Bazar ...	045	0	8	18	12	95	53	6	027	80	2	6	4	4	3	79	85
	Chittagong ...	053	9	7	13	10	96	02	6	026	80	6	3	4	3	0	73	80
	Maijdee Court ...	003	9	6	18	02	97	01	2	004	85	4	2	5	2	0	73	85
	Comilla ...	008	6	4	18	05	96	07	1	007	85	4	4	5	0	0	83	85
	Brahmanbaria ...	003	8	5	18	05	97	07	0	006	85	5	5	5	0	0	73	87
	Sylhet ...	007	5	8	27	05	96	02	2	004	82	6	4	4	2	1	77	87
	Srimangal ...	007	9	7	//	//	96	02	9	020	81	3	9	4	6	1	//	88
Dacca	Mymensingh ...	055	3	6	03	00	97	22	0	030	82	6	5	4	0	0	80	85
	Narayanganj ...	000	0	6	13	03	96	02	2	002	87	4	6	3	3	1	80	87
	Dacca (Tezgaon) ...	012	9	6	18	09	97	02	2	001	85	4	8	4	4	0	73	90
	Faridpur ...	000	0	8	20	02	97	02	2	001	85	6	5	4	1	0	79	90
Khulna	Barisal ...	0:0	0	7	18	05	//	//	/	005	85	5	8	4	7	0	99	85
	Khulna ...	0//	2	5	13	05	97	03	0	011	82	2	3	4	0	1	80	94
	Satkhira ...	000	0	6	18	03	97	01	0	996	85	2	3	9	0	0	73	87
	Jessore ...	007	5	8	18	10	97	02	6	991	86	4	5	4	2	8	80	90
Rajshahi	Pabna ...	015	6	8	23	05	96	01	6	985	86	5	6	6	7	/	82	91
	Sirajganj ...	000	0	8	18	02	97	02	2	995	86	8	0	7	8	0	82	90
	Rajshahi ...	000	0	5	13	03	96	03	1	990	90	5	5	5	/	/	79	94
	Bogra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinajpur ...	005	1	7	09	02	96	02	6	975	85	/	/	/	/	/	75	87
	Rangpur ...	210	2	7	13	02	96	95	9	005	83	7	3	6	0	0	79	86
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	00	00	95	05	0	914	08	0	0	9	0	0	66	10
	Sialkot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum ...	000	0	1	13	03	97	02	0	954	05	1	1	7	0	0	73	05
	Islamabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi ...	000	0	1	05	02	98	00	0	912	03	0	0	9	0	0	73	04
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	0	09	//	98	00	0	935	05	0	0	9	0	0	75	11
	Sargodha ...	000	0	0	18	03	96	06	0	916	10	0	0	9	0	0	70	10
	Lyallpur ...	000	0	0	29	02	97	00	0	941	04	0	0	9	0	0	63	10
Multan	Sahiwal ...	000	0	5	23	09	97	03	1	924	05	2	0	9	3	0	73	08
	Multan ...	000	0	0	36	07	95	00	0	941	08	0	0	9	0	0	76	08
	Leiah ...																	
Bahawalpur	Khanpur ..	000	0	0	23	09	96	06	0	///	//	4	0	0	0	0	67	08
	Bahawalpur ...	000	0	0	23	02	96	00	0	937	00	0	0	9	0	0	61	68
	Fort Abbas ...	000	0	0	23	04	98	00	0	991	13	0	0	9	0	0	96	13
Peshawar	Chakdra ...	000	0	0	23	02	97	02	0	896	03	0	0	9	0	0	82	04
	Peshawar ...	000	0	3	36	03	96	06	0	891	08	0	0	9	0	0	66	16
	Haripur ...	000	0	0	03	05	97	00	0	989	04	0	0	9	0	0	66	//
D. I. Khan	Bannu ...	000	0	7	13	02	98	06	1	900	08	1	1	8	0	7	68	11
	D. I. Khan ...	000	0	0	00	00	99	00	0	912	04	0	0	9	0	0	73	10
Quetta	Sibi ...	000	0	0	18	03	97	02	0	924	13	0	0	9	0	0	68	14
	Nokkundi ...	000	0	0	13	09	96	02	0	883	14	0	0	9	0	0	58	18
Kalat	Turbat ...	000	0	0	18	02	96	00	0	983	96	0	0	9	0	0	85	96
	Jiwani ...	000	0	4	18	07	96	01	1	988	88	4	5	6	0	0	73	83
	Pasni ...	000	0	0	25	14	97	02	0	005	91	0	0	0	0	0	74	93
Karachi division	Ormara ...	000	0	1	27	09	96	02	2	993	83	1	6	8	0	0	82	90
	Lasbela ...	000	0	0	13	03	97	00	0	959	01	0	0	8	0	0	75	04
	Karachi (Manora) ...	000	0	5	27	09	97	03	0	986	88	5	6	4	0	0	78	83
	Karachi (Ariport) ...	000	0	5	23	09	96	03	1	991	98	5	6	5	0	0	76	94
Hyderabad	Nagarparker ...	000	0	0	00	00	97	02	0	029	02	0	0	9	0	0	72	04
	Chhor ...	000	0	0	23	24	95	07	0	969	98	0	0	9	0	0	72	00
	Hyderabad ...	000	0	0	23	10	96	07	0	970	96	0	0	9	0	0	72	01
	Badin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khairpur	Padidan ...	000	0	2	13	09	96	03	0	929	10	0	0	9	0	1	65	11
	Nawabshah ...	000	0	1	18	24	95	06	0	944	05	0	0	9	0	0	74	09
	Sukkur ...	000	0	0	23	03	96	02	0	972	05	0	0	9	0	0	75	06
	Kashmore ...	000	0	0	23	03	98	02	0	945	06	0	0	9	0	0	73	08
	Jacobabad ...	000	0	0	18	05	97	02	0	916	08	0	0	9	0	0	72	03
Junagadh	Verav ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ..	000	0	5	23	05	98	02	1	376	83	5	1	4	0	0	64	82
Peshawar	Drosh * ..	000	0	3	18	02	98	01	0	915	58	3	0	7	3	0	79	00
	Cherat * ...	000	0	4	18	07	95	05	4	402	96	4	2	5	0	0	79	96
	Kakul * ...	000	0	4	31	05	98	01	0	337	00	4	7	6	/	/	73	00
	Landikotal * ...	0:0	2	4	16	05	97	17	9	391	95	3	9	6	3	0	50	96
	Prachinar * ...																	
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	332	05	0	0	9	0	0	70	08
	Wana * ...	000	0	0	13	06	99	00	0	395	96	0	0	9	0	0	64	03
Quetta	Fort Sandeman * ...	002	2	6	05	17	97	29	9	402	87	5	9	6	1	0	48	03
	Hindubagh * ...	000	0	0	20	03	98	02	0	367	87	0	0	9	0	0	33	02
	Loralai * ...	000	0	2	27	02	98	01	0	399	10	0	1	9	0	2	45	10
	Barkhan * ...																	
	Harnai * ...	000	0	0	00	00	96	02	0	397	05	0	0	9	0	0	61	06
	Samungli (Quetta) * ...	000	0	2	31	05	97	02	0	384	03	2	3	7	0	0	52	06
	Chaman * ...	000	0	0	27	11	97	00	0	383	06	0	0	9	0	0	65	08
	Nushki * ...																	
	Dalbandin * ...	000	0	0	05	03	97	02	0	302	15	0	0	9	0	0	80	15
Kalat	Kalat * ...	000	0	0	31	03	97	02	0	383	98	0	0	9	0	0	62	98
	Khuzdar * ...	000	0	4	13	05	97	03	0	385	03	4	5	6	0	0	48	07
	Panjgur * ...	000	0	1	23	03	96	03	0	415	03	1	0	7	0	0	83	04

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 clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (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, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati ...	032	5	7	18	05	96	02	6	053	79	6	7	4	2	/	77	79	—	—	37.7	—	44.7	—
	Cox's Bazar ...	100	9	8	13	07	96	61	6	043	77	6	3	3	2	0	77	78	0	+ 1	23.4	—16.8	31.6	140
	Chittagong ...	161	9	8	13	05	96	60	6	040	//	7	7	3	2	0	78	76	— 6	— 1	27.8	+ 0.8	35.5	108
	Maijdee Court ...	100	9	7	16	02	97	01	2	016	81	3	5	4	2	0	70	79	— 1	+ 1	37.5	+11.3	49.6	115
	Comilla ...	216	3	7	18	05	96	02	2	028	83	7	4	4	/	/	80	78	— 2	+ 1	—	—	—	94
	Brahmanbaria ...	053	0	7	18	07	97	03	1	022	82	7	5	5	0	0	77	79	—	—	15.3	— 1.8	29.0	78
	Sylhet ...	009	3	8	18	05	96	02	0	026	79	7	3	3	2	/	77	77	—	—	37.4	—	75.4	—
	Srimangal ...	009	9	7	//	//	96	02	9	033	82	3	9	4	2	2	79	77	— 2	+ 1	—	—	—	98
Dacca	Mymensingh ...	230	7	6	00	00	97	02	5	020	82	6	5	4	0	0	82	79	— 2	+ 1	21.2	— 0.9	36.3	91
	Narayanganj ...	035	2	8	13	03	97	03	6	016	86	8	6	3	/	/	83	80	— 1	+ 1	15.0	— 0.8	38.4	74
	Dacca (Tezgaon) ...	008	9	8	18	05	96	02	9	015	88	6	7	3	7	/	83	80	—	—	10.2	—	21.3	—
	Faridpur ...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	+ 2					71
Khulna	Barisal ...	031	0	8	18	02	96	02	2	020	83	4	8	4	2	0	82	73	+ 3	— 9	—	—	—	81
	Khulna ...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	+ 6					68
	Satkhira ...	003	1	6	18	03	97	01	0	997	90	2	3	9	0	1	79	73	— 2	+ 1	9.3	— 6.4	14.6	65
	Jessore ...	743	7	8	36	02	96	92	9	015	86	7	9	6	/	/	84	76	—	—	—	—	—	65
Rajshahi	Pabna ...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	—					59
	Sirajganj ...	020	9	8	18	03	97	02	2	010	85	8	0	7	1	0	80	83	+ 3	+ 2	—	—	—	64
	Rajshahi ...	030	0	6	23	03	96	03	1	005	87	6	5	5	/	/	80	82	+ 5	+ 3	10.1	— 4.4	24.6	—
	Bogra ...	031	3	7	18	02	96	02	2	007	85	4	4	4	2	7	80	72		— 6	11.3	— 5.7	22.3	69
	Dinajpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					72
	Rangpur ...	346	9	7	00	00	96	95	9	020	83	7	3	6	0	0	80	78	— 2	0	25.5	+ 2.5	43.9	84
Kashmir	Jammu ...																							—
Lahore	Lahore (Jail Rd.) ...	000	0	0	07	05	95	06	1	960	85	0	0	9	0	0	73	82	+ 9	+ 2	0.6	— 2.3	5.2	19
	Sialkot ...	059	0	0	23	00	99	03	7	///	//	/	/	/	/	/	62	60		— 14	1.0	— 3.5	5.6	32
Rawalpindi	Jhelum ...	000	4	0	00	00	97	01	9	951	87	0	0	9	0	0	70	81	—	—	0.4	—	9.7	—
	Islamabad ...	003	0	6	01	00	96	03	0	///	//	/	/	/	/	/	75	//		—	0.9	—	9.0	—
	Rawalpindi ...	000	0	0	05	02	97	00	0	947	90	0	0	9	0	0	68	83	+ 5	+ 3	1.1	— 2.7	10.7	36
	Campbellpur ...																							—
Sargodha	Khushab ...	...	...	...	...	...	...	...	...	...	...	...	...			...		...	+ 7					15
	Sargodha ...	000	0	0	13	12	96	06	0	950	91	0	0	9	0	0	75	80	—	—	0.0	—	3.4	—
	Lyallpur ...	003	0	0	16	02	96	00	0	942	94	0	0	9	0	0	75	90	+ 7	+ 7	0.2	— 1.7	3.1	12
Multan	Sahiwal ...	000	0	0	23	10	96	07	0	944	87	0	0	9	0	0	73	85	+ 5	0	5.9	+ 4.9	9.0	10
	Multan ...	000	0	0	36	02	93	00	0	953	93	0	0	9	0	0	77	82	—	—	0.0		1.8	7
	Leiah ...																							8
Bahawalpur	Khanpur ..	000	0	0	23	09	96	02	0	///	85	0	0	9	0	0	73	80	+ 1	— 3	0.0	— 0.9	0.9	6
	Bahawalpur ...	000	7	0	00	00	96	30	3	955	87	0	0	9	0	0	72	82	+ 2	— 2	0.1	— 0.7	1.3	6
	Fort Abbas ...	///	/	0	/3	04	98	00	0	953	93	0	0	9	0	0	87	93	—	—	0.0	—	0.2	8
Peshawar	Chakdra ...	000	0	0	05	05	97	02	0	942	82	0	0	9	0	0	70	77	—	—	0.5	—	9.9	—
	Peshawar ...	000	0	0	36	02	96	06	0	944	91	0	0	9	0	0	68	87	+ 13	+ 7	0.0	— 0.5	8.7	11
	Haripur ...	000	0	0	05	02	97	00	0	963	90	0	0	9	0	0	70	81	—	—	0.3		10.5	—
D. I. Khan	Bannu ...	000	0	7	00	00	98	56	2	933	94	2	2	7	0	7	75	91	—	—	0.1	—	3.9	11
	D. I. Khan ...	000	0	0	03	03	98	00	0	937	//	0	0	9	0	0	79	81	+ 6	+ 1	0.3	— 0.8	2.7	9
Quetta	Sibi ...	000	0	0	18	03	97	02	0	962	92	0	0	9	0	0	62	91	—	—	0.0	—	1.1	5
	Nokkundi ...	000	0	0	31	07	96	02	0	953	91	0	0	9	0	0	46	85	—	—	0.0	—	0.3	2
Kalat	Turbat ...	000	0	0	23	02	96	00	0	871	85	0	7	9	/	/	78	//	—	—	0.0	—	0.2	—
	Jiwani ...	000	0	5	13	03	96	02	2	007	85	5	6	5	0	0	76	83	—	—	0.0	—	2.0	5
	Pasni ...	000	0	4	25	00	97	02	0	017	83	4	0	9	0	0	77	80	+ 1	+ 2	0.0	— 0.4	0.0	6
Karachi division	Ormara ...	000	0	1	27	09	96	02	2	039	84	1	1	6	0	0	81	//	—	—	0.0	—	0.6	6
	Lasbela ...	000	0	0	00	00	98	00	0	993	83	0	0	8	0	0	76	75	—	—	0.0	—		8
	Karachi (Manora) ...	000	9	2	27	07	96	02	5	995	84	2	0	9	1	0	78	81	— 2	— 1	0.0	— 1.0	0.1	8
	Karachi (Ariport) ...	000	0	5	27	05	96	03	0	001	85	5	6	5	0	0	77	87	—	—	0.0	—	0.0	—
Hyderabad	Nagarparker ...	003	0	8	05	02	97	02	0	042	87	8	6	6	0	0	75	82	—	—	0.0	—	0.0	—
	Chhor ...	000	0	0	23	17	96	07	0	010	85	0	0	9	0	0	76	84	—	—	0.0	—	0.0	7
	Hyderabad ...	000	0	4	23	09	97	03	0	987	85	0	0	9	1	0	75	82	+ 1	0	0.0	— 0.8	0.1	9
	Badin ...	000	0	1	23	04	96	02	0	024	85	1	0	9	0	0	76	81		— 1	0.0	— 2.0	0.1	—
Khairpur	Padidan ...	000	0	1	13	05	96	02	0	954	88	0	0	9	0	1	72	81	—	—	0.0	—	0.0	—
	Nawabshah ...	003	0	5	18	16	96	03	0	965	88	0	0	9	0	7	72	81	—	—	0.0	—	0.0	4
	Sukkur ...	000	0	0	23	10	96	02	0	945	85	0	0	9	0	0	75	82	—	—	0.0	—	0.0	—
	Kashmore ...	000	0	0	18	03	98	02	0	979	88	0	0	9	0	0	73	83	—	—	0.0	—	0.0	4
	Jacobabad ...	000	0	0	13	05	96	02	0	943	87	0	0	9	0	0	74	84	— 1	— 1	0.0	— 0.4	0.3	20
Junagadh	Verav ...																							26
	HILL STATIONS																							
Kashmir	Srinagar * ...																							—
	Gulmarg ** ...																							71
	Sonamarg ** ...																							76
	Dras ** ...																							3
	Leh ** ...																							6
	Skardu * ...																							—
	Misgar ** ...																							—
	Aliabad * ...																							5
	Gilgit * ...																							59
Rawalpindi	Murree * ..	030	2	2	07	03	97	01	9	416	73	0	0	9	8	0	52	60	+ 7	+ 1	2.1	— 4.6	20.7	18
Peshawar	Drosh * ..	003	0	1	08	03	98	00	0	425	81	0	0	9	0	0	70	//	+ 10	/	0.1	— 1.5	9.5	79
	Cherat * ...	017	0	0	13	03	99	01	0	414	81	0	0	9	0	0	56	//	—	—	0.9	—	16.7	—
	Kakul * ...	000	0	0	36	02	98	02	0	413	91	0	0	9	0	...	70	83	—	—	—	—	—	—
	Landikotal * ...	005	0	0	03	00	97	01	0	413	82	0	0	9	0	0	46	73	+ 8	+ 7	0.5	—	11.1	29
	Prachinar * ...																							13
D.I. Khan	Miranshah * ...	007	0	0	05	05	99	00	0	399	90	0	0	9	0	0	59	90	—	—	0.3	— 0.9	1.7	11
	Wana * ...	000	0	0	03	00	99	00	0	///	84	0	0	9	5	0	58	75	—	—	0.0	—	3.5	11
Quetta	Fort Sandeman * ...	002	0	1	05	02	97	02	9	407	85	1	0	9	3	0	58	77	+ 2	+ 2	0.0	— 1.1	4.3	—
	Hindubagh * ...	000	0	0	23	03	96	05	0	409	84	0	0	9	0	0	82	68	—	—	0.0	—	3.3	9
	Loralai * ...	000	0	0	18	02	98	00	0	390	75	0	0	9	0	0	50	//	—	—	0.0	—	0.0	—
	Barkhan * ...																							14
	Harnai * ...	000	0	0	00	00	96	02	0	382	92	0	0	9	0	0	69	//	—	—	0.0	— 1.2	1.8	9
	Samungli (Quetta) * ...																		—					8
	Chaman * ...	000	0	0	18	05	97	00	0	419	94	0	0	9	0	0	54	87	+ 6	+ 5	0.0	—	2.7	—
	Nushki * ...	000	0	0	07	05	97	02	0	554	66	0	0	9	0	0	54	63		—	0.0	—	0.9	4
	Dalbandin * ...	000	0	0	05	05	97	02	0	419	94	0	0	9	0	0	65	84	+ 6	+ 9	0.0	—	0.6	7
Kalat	Kalat * ...	000	0	0	13	02	97	02	0	423	77	0	0	9	0	0	56	65	+ 7	+ 3	0.0	— 0.3	1.7	—
	Khuzdar * ...	...	...	...	...	...	...	...	...			...	...		...	...	...	...	—					5
	Panjgur * ...	000	0	0	00	00	96	02	0	422	79	0	0	9	0	0	73	76	—	—	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

TUESDAY THE 8th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_g	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{w1}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

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
		PoPoPo ToToTo DoDo	hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	000 260 09	...	410 174 09	087 088 11	581 015 37	754 151 28	966 279 58	245 583 / /	418 63 / /	...	...	...	...
Dacca ...	00 00	002 296 22	...	400 170 46	046 205 13	578 059 57	751 193 57	986 251 /0	238 461 / /	424 595 / /	...	...	...	...
Gilgit ...														
Jiwani ...	00 00	999 310 42	...	400 220 56	075 160 63	583 065 / /	752 195 / /	962 201 / /	246 325 / /	...	...	...	...	...
Karachi ...	00 00	980 310 56	...	400 260 30	050 140 / /	581 021 / /	756 101 / /	972 221 / /	258 431 / /	...	...	...	...	...
Multan ...	00 00	955 304 62	...	400 288 61	078 170 61	585 021 63	759 095 / /	975 231 / /	263 395 / /	...	...	...	...	...
Peshawar ...														
Quetta ...														
Sargodha ...	00 00	984 270 55	...	400 260 59	090 120 59	573 091 / /	739 211 / /	941 341 / /	210 491 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD								Max. Wind Speed	TROPOPAUSE	
										PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{td}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	800 230 22	600 034 26	350 205 60	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	800 134 50	600 010 57	...	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...													
Quetta ...													
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1700 hrs. G.M.T† of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date(dd fff)						At 0600 hrs. G.M.T. † of Previous day (dd fff)										
	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	3.4	5.4	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	145 03	145 07	150 10	...	...	...	...	...	...	190 13	185 19	185 25	...	...	...	225 05	220 05	225 05	230 07	230 07	220 07	...	...	...	...	...
Chaklala ...										...	100 06	130 08	240 09	350 08	325 11	...	180 09	170 07	240 03	320 05	005 04	...	...	...	...	...
Chhor ...	315 34	215 34	220 31	...	...	...	...	...	...	215 25	245 37	245 38	250 37	...	...	225 18	230 27	...	...	...	...	...	...	...	...	...
Chittagong ...	170 15	180 20	190 27	...	...	...	...	...	...	...	...	...	...	...	...	135 20	135 27	145 25	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent		...	...	...	...	...	...	...	...	...	...	...	...	No	Ascent	Dew	To	Rain	...	...	...	...	...	...
Dacca ...	185 12	185 15	200 19	210 20	215 17	215 16	...	...	...	190 13	195 16	205 15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Daibandin ...	...	...	115 06	315 E4	250 06	255 08	280 08	280 11	280 27	...	...	025 13	075 11	015 11	120 01	...	...	080 06	110 02	215 03	340 11	320 09	300 08	310 10	315 12	...
D. I. Khan ...	185 13	180 13	175 13	195 17	195 18	185 08	...	...	...	105 07	115 07	135 05	085 04	265 04	325 05	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	255 12	245 09	225 02	340 07	315 07	330 06	305 14	...
Fort Sandeman ...	...	...	...	E65 19	070 10	140 07	290 09	...	...	...	...	...	175 05	260 06	315 22	...	...	...	030 05	050 04	080 05	660 05	315 15	315 16	330 23	...
Jacobabad ...	135 09	150 13	165 12	215 04	280 08	305 07	285 17	225 27	335 31	175 12	195 13	210 08	215 07	235 07	290 09	180 06	160 08	175 08	175 10	225 13	270 16	330 42	325 32	320 28	015 39	...
Jessore ...	200 12	200 24	195 25	200 21	215 21	...	...	...	...	215 22	215 21	230 29	285 18	265 10	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	135 03	170 08	170 07	170 06	335 06	325 18	340 19	315 17	350 15	340 04	310 05	160 05	270 11	320 27	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	170 11	170 10	155 08	275 03	...	...	...	...	...	145 07	145 07	150 07	...	...	...	160 09	165 06	185 06	...	...	...	...	...	...	...	...
Karachi ...	245 12	245 13	...	...	...	...	...	...	...	...	...	...	...	...	...	245 16	255 15	260 18	...	...	...	...	...	...	...	...
Khanpur ...	225 11	220 13	200 12	210 19	190 14	308 11	300 11	360 12	360 13	220 18	230 13	225 15	250 16	270 13	280 12	225 12	215 27	215 32	210 42	210 12	215 37	244 15	245 35	380 15	...	...
Lahore ...	280 02	235 01	200 02	205 03	255 08	320 19	330 21	335 20	340 26	145 09	175 13	190 11	255 06	310 08	325 05	140 08	170 08	175 04	055 06	065 06	035 06	...	...	...	...	...
Multan ...	220 10	225 10	235 09	195 10	170 10	195 10	350 16	055 05	340 13	210 18	225 33	230 34	...	...	...	195 09	210 12	210 12	135 07	135 06	135 07	...	...	...	...	...
Nawab Shah ...	200 15	220 16	210 15	210 08	275 05	025 12	040 14	035 14	030 19	220 14	240 14	260 05	250 09	285 06	055 08	190 10	215 08	250 06	260 04	280 04	330 07	050 15	020 08	010 11	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	245 02	300 08	175 10	190 07	140 13	310 18	...	...	...	030 08	130 16	040 07	020 06	310 11	...	105 05	135 06	080 02	310 11	320 14	285 14	295 23	282 16	...	...
Quetta ...					270 07	290 10	300 05	...	...	...	...	...	...	300 06	305 10					335 04	305 14	325 17	295 12	...	...	...
Sargodha ...	010 07	015 10	360 15	355 17	...	...	...	...	...	120 05	185 08	180 08	210 10	305 14	285 17	170 03	165 05	155 06	190 07	230 11	...	...	...	...	...	...
Sylhet ...	205 17	205 24	220 23	...	...	...	...	...	...	165 11	...	...	...	...	...	No	Ascent	Dew	To	Rain	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	260 16	260 17	260 14	065 06	065 03	055 14	035 28	035 28	035 26	045 12	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

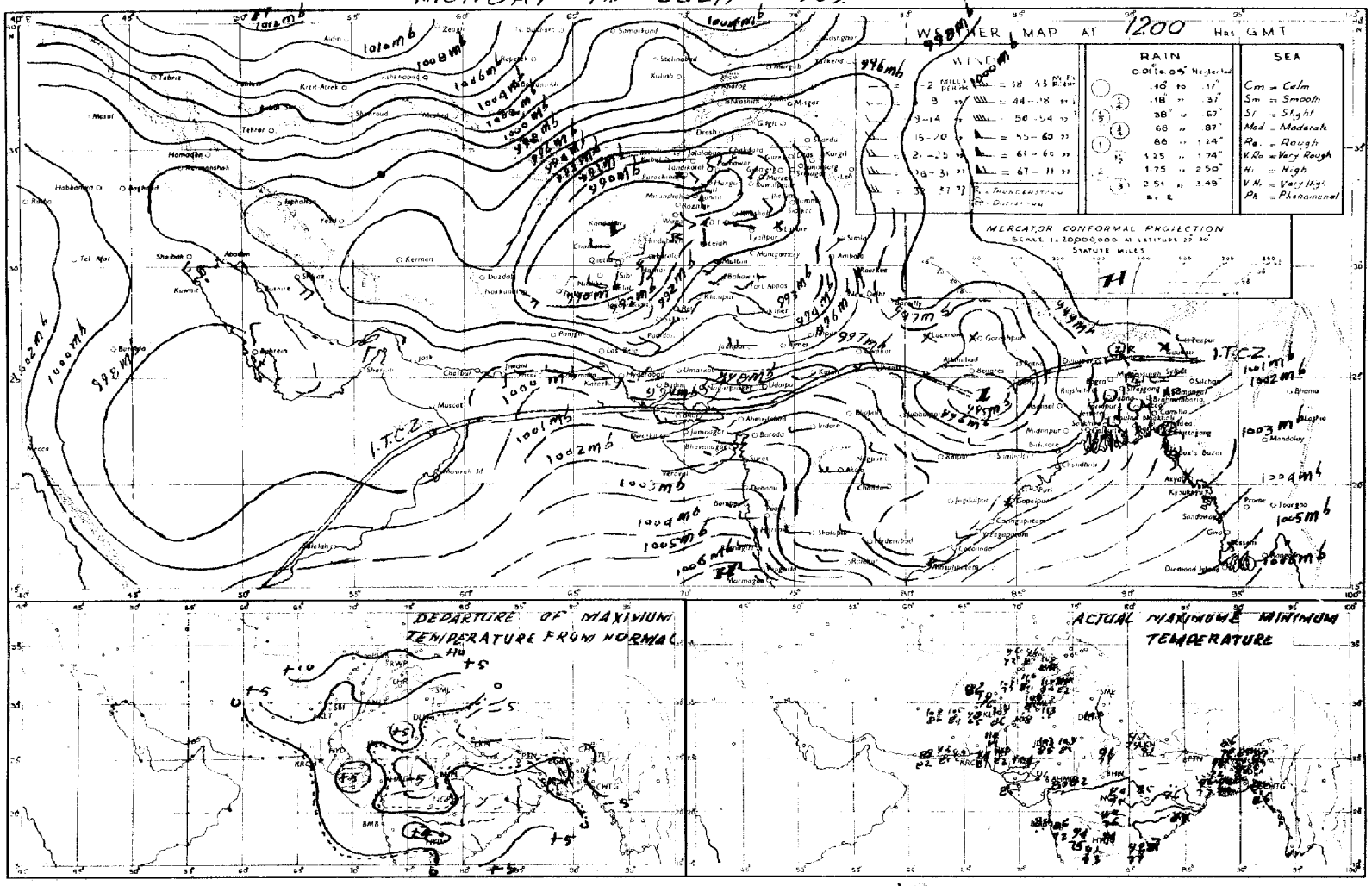
dd Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

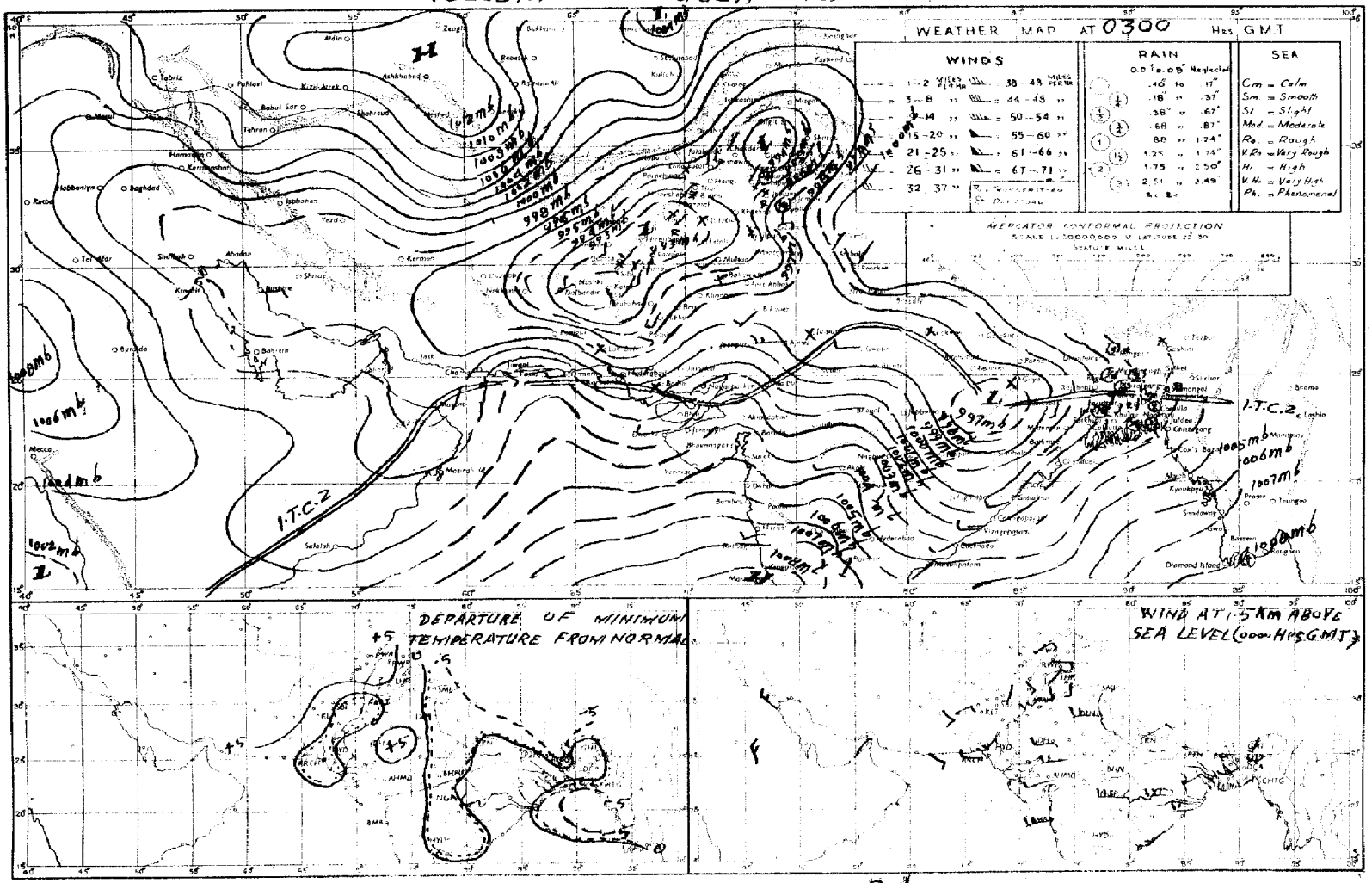
MONDAY 7th JULY, 1969



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 8th JULY, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY THE 9th JULY, 1969.

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

The monsoon trough has shifted northwards and now extends from Rajasthan to north Bihar.

Rain/thundershowers have been widespread in Dacca division fairly widespread with locally heavy to very heavy falls in Chittagong division and local elsewhere in East Pakistan.

The well marked seasonal trough of low pressure now extend from Quetta division to Rawalpindi division. Incursion of moist easterlies in taking place in the north eastern divisions of west Pakistan.

Thunderstorm/light showers have occurred at a few places in Lahore, Rawalpindi, Peshawar, D. I. Khan and Quetta divisions.

Chief amounts of rainfall are : Cox's Bazar 6" Comilla and Maijdee Court 5" each Sylhet, and Dinajpur 4" each, Faridpur and Dacca 2" each Rajshahi, Narayanganj and Barisal 1½" each, Jessore and Brahmanbaria 1" each, Mymensingh (upto 1200 Z) and Rangamati and Rangpur 1/2" each and Pabna (upto 1200 Z) and Chittagong ¼" each.

Day temperatures were 3—8 °F (2—4 °C) above normal in West Pakistan outside Multan, Bahawalpur, Karachi, Hyderabad and Khairpur divisions and were 3—6 °F (2—3 °C) below normal in East Pakistan outside Rajshahi division.

Forecast valid until the evening of 10th July 1969 :— Local rain/thudershowers are likely to occur in East Pakistan and Rawalpindi, Lahore divisions and Kashmir and scattered in Sargodha and Multan divisions. A few dust/thunderstorms may also occur in Quetta and Hyderabad divisions. Weather is likely to remain dry elsewhere in West Pakistan.

Karachi-11
The 9th July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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	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 from†	Height of Lowest Cloud†	Medium Cloud from†	High Cloud from†	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at†	Total clud 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	Amounts of Lowest Cloud†	Low Cloud form†	Height of Lowest Cloud†	Medium Cloud form†	High Cloud form†	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	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	h	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	062	4	7	18	05	96	02	6	038	81	6	3	5	7	1	77	82																							
	Cox's Bazar	339	9	8	15	08	96	61	6	017	78	7	7	4	2	0	77	83	610	9	8	13	09	95	21	6	047	79	6	3	3	2	0	77	76	— 6	— 1	29 5	—12.0	37 7	140
	Chittagong	010	7	8	13	10	96	02	6	016	80	4	5	4	2	0	77	82	026	9	8	13	10	96	60	6	044	79	6	3	4	2	1	77	76	— 4	— 1	28 2	+ 0.3	35.8	168
	Maijdee Court	053	9	7	18	05	96	03	6	012	82	6	5	5	2	1	80	85	590	9	8	18	02	96	03	6	026	79	6	3	4	2	1	77	76	— 1	— 1	42.5	+20 3	54.6	115
	Comilla	200	3	7	15	09	96	03	2	035	80	7	4	4	0	0	77	85	530	7	7	18	05	96	02	6	049	79	7	4	4	2	1	77	77	— 2	— 1				54
	Srahmanbaria	044	5	7	18	05	96	03	6	018	80	7	5	5	0	0	77	87	014	0	1	28	05	96	03	1	032	81	7	5	4	2	1	77	77			16 3			78
	Sylhet	237	6	8	00	00	96	61	6	997	78	7	7	4	4	1	77	83	334	9	8	13	05	96	02	0	031	/	6	/	4	0	2	79	77	— 1	— 1.2	40.5		29.0	
	Sreimangal	004	9	8	13	05	96	03	9	015	81	6	9	3	3	/	77	93	000	0	7	00	00	96	02	0	038	82	4	8	5	7	2	72	77					78.7	
Dacca	Mymensingh	052	2	7	00	00	96	03	6	974	83	7	5	4	0	0	83	82																		0	+ 1				58
	Narayangani	015	2	/	18	05	94	03	6	024	83	8	7	3	/	/	78	85																		— 5					91
	Dacca (Tezgaon)	093	3	7	01	00	96	61	9	995	00	7	7	3	2	0	80	90	241	4	0	10	05	97	61	3	070	83	5	6	4	2	0	80	79	— 3					74
	Faridpur	173	0	8	01	00	96	61	6	991	//	7	5	4	1	0	76	90	193	0	8	20	02	97	02	2	013	84	6	4	5	1	0	81	77	— 2	+	12.6		23 7	
Khulna	Barisal	103	3	8	13	03	96	63	6	015	74	2	6	9	3	/	73	//	150	5	8	00	00	96	50	6	021	8	6	4	4	2	0	81	79	+ 2	— 1	—			71
	Khulna																		002	0	4	00	00	97	03	0	980	82	2	2	4	0	0	81	79		0				81
	Satkhira	009	0	6	23	01	97	01	0	983	81	2	0	9	0	0	83	85	100	0	8	19	07	97	02	6	010	85	4	6	8	3	0	80	77	— 4	+ 3	—			68
	Jessore	104	5	8	18	07	96	63	9	986	81	3	6	3	2	/	80	91																							65
Rajshahi	Pabna	021	8	7	00	03	96	01	9	986	80	7	0	9	7	0	80	91																							59
	Sirajganj	005	5	6	18	02	97	02	2	974	82	6	0	7	6	/	78	87																		—					64
	Rajshahi	150	7	8	18	05	95	60	9	983	82	8	7	5	/	/	49	90	158	9	8	18	03	94	03	6	003	82	8	7	4	/	/	81	77	+ 1	0				69
	Bogra	003	6	6	13	03	96	01	9	981	85	4	4	4	7	/	78	93																		+ 1	— 2	11 7	— 3.2	26.2	72
	Dinajpur	022	6	3	09	06	96	01	6	973	83	3	0	9	2	/	78	87	359	3	8	00	00	96	91	2	009	79	8	9	6	/	/	77	75	— 2	— 3	—		—	84
	Rangpur	032	8	4	18	02	96	01	/	981	82	4	0	9	1	0	78	87																		— 1					
Kashmir	Jammu																																							
Lahore	Lahore (Jail Rd.)	000	0	2	09	03	95	06	0	906	02	2	0	9	3	0	76	05	009	0	0	11	05	95	06	0	963	88	0	0	9	0	0	74	81	+ 4	+ 4	0.7	— 2.5	5.3	
	Sialkot																																							19
Rawal-pindi	Jhelum	000	0	1	00	03	96	01	0	990	05	1	2	7	0	0	76	07																							32
	Islamabad	000	0	6	09	02	96	03	0	///	00	4	6	5	1	3	72	00																							
	Rawalpindi	003	0	6	10	03	98	02	2	813	02	0	0	9	9	0	72	05																							
	Campbeltpur																																			+ 6					36
Sargo-dha	Khushab	000	0	0	36	//	96	06	0	8 2	07	0	0	9	0	0	90	//																		—					
	Sargodha	000	0	0	13	05	98	06	0	905	07	0	0	9	0	0	68	07																			/			15
	Lyallpur	000	0	1	06	02	96	00	0	904	02	0	0	9	0	0	72	07																						12
Mul-tan	Sahiwal																																			+ 4					
	Multan	000	0	0	23	05	96	02	0	901	05	0	0	9	0	0	78	05	030	0	0	18	07	96	05	5	947	86	1	5	6	3	0	74	84	+ 2	— 1	5.9	+ 4.8	9.0	10
	Leiah	000	0	0	18	02	95	00	0	906	//	0	0	9	0	0	78	//																							7
Baha-walpur	Khanpur	000	0	/	13	07	96	05	0	999	07	0	0	9	0	0	64	07																							8
	Bahawalpur	000	0	0	00	00	96	00	0	956	05	0	0	9	0	0	64	05																		0					6
	Fort Abbas	000	0	0	23	02	98	00	0	832	09	0	0	9	0	0	96	07																		0					6
Pesha-war	Chakdra	000	0	7	23	02	9	//	/	981	98	7	3	7	0	0	77	05																							8
	Peshawar	000	0	3	05	02	96	06	3	983	07	1	3	6	9	0	72	09																		—					11
	Haripur	000	0	0	18	03	97	00	0	980	//	0	0	9	0	0	45	08																		— 1					
D. I.-Khan	Bannu	000	0	7	20	35	98	04	2	879	09	2	0	7	9	1	67	09																		+ 6					11
	D. I. Khan	000	0	0	00	00	98	00	0	896	02	0	0	9	0	0	70	09																							
Quetta	Sibi	000	0	0	18	03	97	02	0	813	14	0	0	9	9	0	98	15	000	0	4	18	03	97	02	1	950	92	0	4	0	9	0	0	73	91	+ 5					11
	Nokkundi	000	0	0	37	07	96	02	0	875	14	0	0	9	0	0	55	15	000	0	4	13	00	96	03	1	951	91	4	5	6	0	0	73	87	—	—	0.0	—	1.1	9
Kalat	Turbat	000	0	0	23	02	96	00	0	983	01	0	0	6	9	0	84	01	000	0	0	23	02	96	00	0	///	86	0	0	9	0	0	81	//	—	—	0.0	—	0.2	5
	Jiwani	000	0	1	18	07	96	01	1	976	87	1	0	6	6	0	74	//	000	0	7	00	00	96	03	2	990	83	7	6	9	0	0	77	82	—	—	0.0	—	0.3	2
	pasni	000	0	0	25	14	97	02	0	975	87	0	0	6	0	0	76	91	000	0	4	31	00	97	02	0	051	84	0	0	9	0	0	77	80	—	—	0.0	—	2.0	5
Karachi division	Ormara	000	0	3	20	10	96	00	0	972	90	8	9	0	0	0	80	//	000	0	7	27	07	96	01	1	998	84	7	6	6	0	0	71	//	—	+ 2	0.0	— 0.4	0.0	6
	Lasbela	003	0	0	13	05	97	00	0	936	99	0	0	8	0	0	72	08																		—	—	0.0	—	0.6	6
	Karachi (Manora)	000	0	0	25	09	97	02	0	972	82	0	0	9	0	0	80	90	000	0	6	23	03	97	01	1	989	85	1	6	4	0	0	78	83	—	+ 1	0.0	— 1.1	0.1	8
	Karachi (Ariport)	000	0	4	23	09	96	03	0	973	89	4	6	5	0	0	80	93	000	0	3	27	09	96	01	1	987	87	3	6	5	0	0	78	83	—	—	0.0	—	0.0	8
Hydera-bad	Nagarparkar	000	0	0	32	02	97	02	0	999	02	0	0	9	0	0	70	03	000	0	8	05	02	97	02	0	050	87	0	7	8	6	0	0	78	83	—	—	0.0	—	0.0	8
	Chhor	000	0	0	23	23	96	07	0	947	97	0	0	9	0	0	71	00	000	0	0	23	21	96	07	0	984	85	0	0	9	0	0	78	83	—	—	0.0	—	0.0	7
	Hyderabad	000	0	3	23	14	95	07	0	952	96	0	0	9	0	0	74	00	000	0	4	23	09	97	03	0	983	86	0	4	6	0	0	74	81	—	—	0.0	—	0.1	9
	Badin	000	0	0	23	08	96	03	0	983	96	0	0	9	0	0	76	98	000	0	0	23	03	96	02	0	011	85	0	0	9	0	0	78	80	— 1	+ 1	0.0	— 0.9	0.1	9
Khairpur	Padidan	000	0	0	18	14	95	07	0	906	11	0	0	9	0	0	63	12	000	0	0	13	07	97	02	0	947	88	0	0	9	0	0	73	83	+ 2	+ 2	0.0	— 2.1	0.0	9
	Nawabshah	000	0	2	18	19	96	06	1	927	04	0	0	9	0	0	72	09	000	0	0	18	10	96	02	0	954	97	0	0	9	0	0	77	80	—	—	0.0	—	0.0	4
	Sukkur	000	0	0	13	03	96	02	0	893	06	0	0	9	0	0	77	09	000	0	0	23	10	96	02	0	949	85	0	0	9	0	0	75	82	—	—	0.0	—	0.0	4
	Kashmore	000	0	0	18	03	98	02	0	919	05	0	0	9	0	0	72	07	000	0	0	18	02	98	02	0	948	87	0	0	9	0	0	76	83	—	—	0.0	—	0.0	4
	Jacobaba	000	0	0	18	09	97	02	0	892	09	0	0	9	0	0	76	10	000	0	0	09	09	97	02	0	946	87	0	0	9	0	0	78	83	0	— 2	0.0	— 0.5	0.3	4
Junagadh	Veray																																							20
	HILL STATIONS																																							26
Kashmir	Srinagar *																																							
	Gulmarg *																																							71
	Sonamarg *																																							26
	Dras *																																							3
	Leh *																																							6
	Skardu *																																							—
	Misgar *																																							51
	Allabad *																																							59
	Gilgit *																																							
Rawalpindi	Murree *	000	0	6	00	00	97	02	1	388	80	6	1	4	0	0	64	82																							
Peshawar	Drosh *																																			+ 7					18
	Chetas *	000	0	6	18	02	97	01	0	402	98	6	0	7	1	0	50	98																							29
	Kakul *																																			+ 8					—
	Landikotal *																																							29
	Prachinar *	078	1	6	16	05	97	17	2	384	85	5	9	6	6	0	58	93																		+ 5					13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	375	04	0	0	9	0	0	64	05																							11
	Wana *																																							11
Quetta	Fort Sandeman *	000	5	6	05	09	97	17	1	360	02	6	9	7	0	0	44	06	000	9	0	27	02	97	02	9	396	87	0	0	9	0	0	58	79	+ 5	+ 4	0.0	— 1.2	4.3	—
	Hindubagh *	000	0	0	20	03	96	05	0	386	98	6	0	9	9	0	07	02	000	0	0	23	03	95	05	0	430	81	0	0	9	0	0	42	68	—	—	0.0	—	3.3	9
	Loralai *	000	0	1	18	04	98	00	0	398	13	0	0	9	0	0	59	//	000	0	0	13	02	98	00	0	390	82	0	0	9	0	0	55	58	—	—	0.0	—	0.0	—
	Barkhan *																																							14
	Harnai *	000	0	0	00	00	96	02	0	366	03	0	0	9	0	0	65	04	000	0	0	00	00	96	02	0	388	97	0	0	9	0	0	69	//	—	—	0.0	—	1.8	9
	Samungli (Quetta) *	000	0	0	31	08	97	02	0	382	00	0	0	9	0	0	60	03	000	0	0	00	00	95	05	0	420	83	0	0	9	0	0	61	63	—	—	0.0	—	2.6	8
	Chaman *	000	0	0	27	05	97	00	0	383	02	0	0	9	9	0	58	07	030	0	0	20	05	97	00	0	409	98	0	0	9	0	0	67	63	+ 5	+ 7	0.0	— 0.2	2.7	—
	Nushki *	000	0	0	27	03	97	02	0	386	81	0	0	9	0	0	68	81	000	0	0	07	05	97	02	0	454	66	0	0	9	0	0	54	63	+ 3	+ 7	0.0	—	0.0	—
	Dalbandin *	000	0	3	05	03	96	03	0	397	12	3	1	7	0	0	44	12	000	0	4	05	05	96	03	1	412	92	4	0	9	8	0	42	82	+ 3	+ 7	0.0	—	0.6	4
Kalat	Kalat *	000	0	0	31	02	97	00	1	385	81	0	5	9	0	0	63	95	000	0	0	18	02	97	02	0	412	80	0	0	9	0	0	57	64	+ 4	+ 2	0.0	— 0.3	1.3	7
	Khuzdar *	000	0	5	23	03	97	03	0	363	06	0	5	5	0	0	38	07	003	0	0	27	02	96	02	0	399	84	0	0	9	0	0	64	78	+ 4	+ 3	0.0	—	1.4	5
	Panjgur *	000	0	0	00	00	96	02	0	399	10	0	0	9	0	0	87	10	030	0	1	00	00	96	03	0	418	82	1	0	9	3	0	75	79	+ 7	+ 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 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

WEDNESDAY THE 9th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	$7RR\ t_Rt_dt_d$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wc}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Fenania ...	99 2 71	10 5 23	08 1 83	02 8 10	58 0 30	98 0 31	00 9 00	23 1 09			0/ / 78	18 8 50		

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface (PoPoPo ToToTo DoDo)	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 TTTa DD												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	599 256 08	...	400 202 12	090 120 15									
Dacca ...	00 00	999 283 12	...	400 192 02	080 100 00	584 006 00	756 147 / /	966 317 / /	247 425 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	995 304 45	...	400 300 65	706 164 65	588 031 / /	761 135 / /	974 255 / /	261 381 / /	...	...	...	...	...
Multan ...	00 00	978 310 59	...	350 304 64	068 204 43	585 051 / /	756 147 / /			...	...	...	...	...
Peshawar ...	00 00	954 294 56	...	350 260 61	051 164 57	581 031 / /	785 135 / /	030 225 / /	287 427 / /	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	MISDA	...	...	...									

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TTTa DD									Max. Wind Speed	TROPOPAUSE	
											PmPmPm dmdm fmfmfm	$P_cT_cP_cT_cT_{ac}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	803 172 12	600 060 15	...									
Dacca ...	00 00	800 150 00	600 056 20	...	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00												
Peshawar ...	00 00	830 240 61	600 230 13	350 165 / /	250 30 / /	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...	00 00	MISDA	...	...	...								

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION !	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	115 11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chakla'a ...	...	210 07	215 10	260 13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	220 29	225 25	230 33	265 20	265 13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	150 14	165 23	195 21	...	...	...	...	...	...	205 33	205 44	220 47	...	...	...	225 24	223 / /	225 36	...	...	...	...	...	...	...	...
Cox's Bazar ...	165 71	180 17	190 16	...	...	...	...	...	...	180 11	190 15	...	...	...	...	180 13	175 17	180 13	195 19	210 15	...	...	...	...	...	...
Dacca ...	115 03	160 13	195 17	...	...	...	...	...	...	130 15	130 17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	110 01	280 04	015 05	020 03	275 14	300 11	305 14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	170 09	155 13	150 09	143 13	150 07	143 13	315 10	140 06	095 29	135 04	/ / / /	/ / / /	055 08	020 07	025 11	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	295 11	350 07	315 15	...	...	...	...	...	...	100 05	/ / / /	290 15	095 05	110 00	100 07	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	330 08	315 06	190 05	260 19	270 30	275 37	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	180 10	175 09	180 10	160 05	345 15	330 17	315 19	310 19	310 18	145 14	200 13	190 09	200 07	120 11	215 15	...	...	...	235 04	275 04	305 05	325 05	330 08	285 06	...	...
Jessore ...	185 15	200 23	205 21	205 21	...	...	...	...	...	...	...	...	265 02	300 09	330 25	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	190 02	180 06	170 05	175 07	230 06	335 16	325 20	300 11	310 14	...	...	...	...	...	...	180 15	210 17	220 13	220 15	230 19	230 08	...	...	...	...	...
Jiwani ...	160 13	150 06	240 07	360 15	010 13	015 06	070 11	025 07	025 10	140 03	145 06	130 07	...	...	...	135 04	145 04	150 06	109 04	345 03	315 12	...	...	...	...	...
Karachi ...	245 18	245 18	...	...	...	...	...	...	...	...	...	...	...	...	...	130 08	120 08	...	...	...	...	...	...	...	...	...
Khanpur ...	230 14	215 15	215 16	205 22	230 01	300 14	335 17	290 17	295 06	230 17	240 16	250 16	273 17	...	...	240 17	255 19	265 17	265 15	...	...	...	...	...	...	...
Lahore ...	1.0 14	235 19	155 26	215 08	250 10	...	...	...	...	070 12	105 13	150 15	205 14	245 17	...	215 28	215 20	...	...	...	...	...	...	...	...	...
Multan ...	205 11	205 17	220 20	240 27	255 39	350 14	...	...	...	195 17	200 26	210 27	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	210 12	215 10	210 07	320 03	025 08	015 13	345 12	025 07	015 07	220 17	225 19	215 25	190 23	140 08	355 17	...	...	...	...	...	...	...	...	...	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	230 05	/ / / /	180 07	260 10	325 09	315 29	...	...	...	020 16	290 12	055 05	305 08	280 18	...	070 07	130 08	175 07	235 10	265 13	...	...	...	...	...
Quetta ...	...	...	...	...	315 12	275 04	295 09	305 13	300 17	...	...	...	...	355 25	345 17	...	...	...	...	195 03	275 06	250 16	305 18	315 20	...	...
Sargodha ...	...	...	...	...	...	...	...	...	...	090 14	145 25	160 17	175 07	145 05	345 06	105 05	105 07	125 09	190 14	220 20	...	...	...	...	...	...
Sylhet ...	No	Ascent	...	...	...	...	...	...	...	165 13	190 24	125 32	...	...	...	190 13	205 18	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION !	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.B. Sargodha ...																		
Karachi ...	240 21	255 21	265 20	270 14	295 15	010 16	025 16	035 13	035 15	090 08	.	...	...	...	...	...	...	..
Peshawar ...																		
Quetta ...																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5*

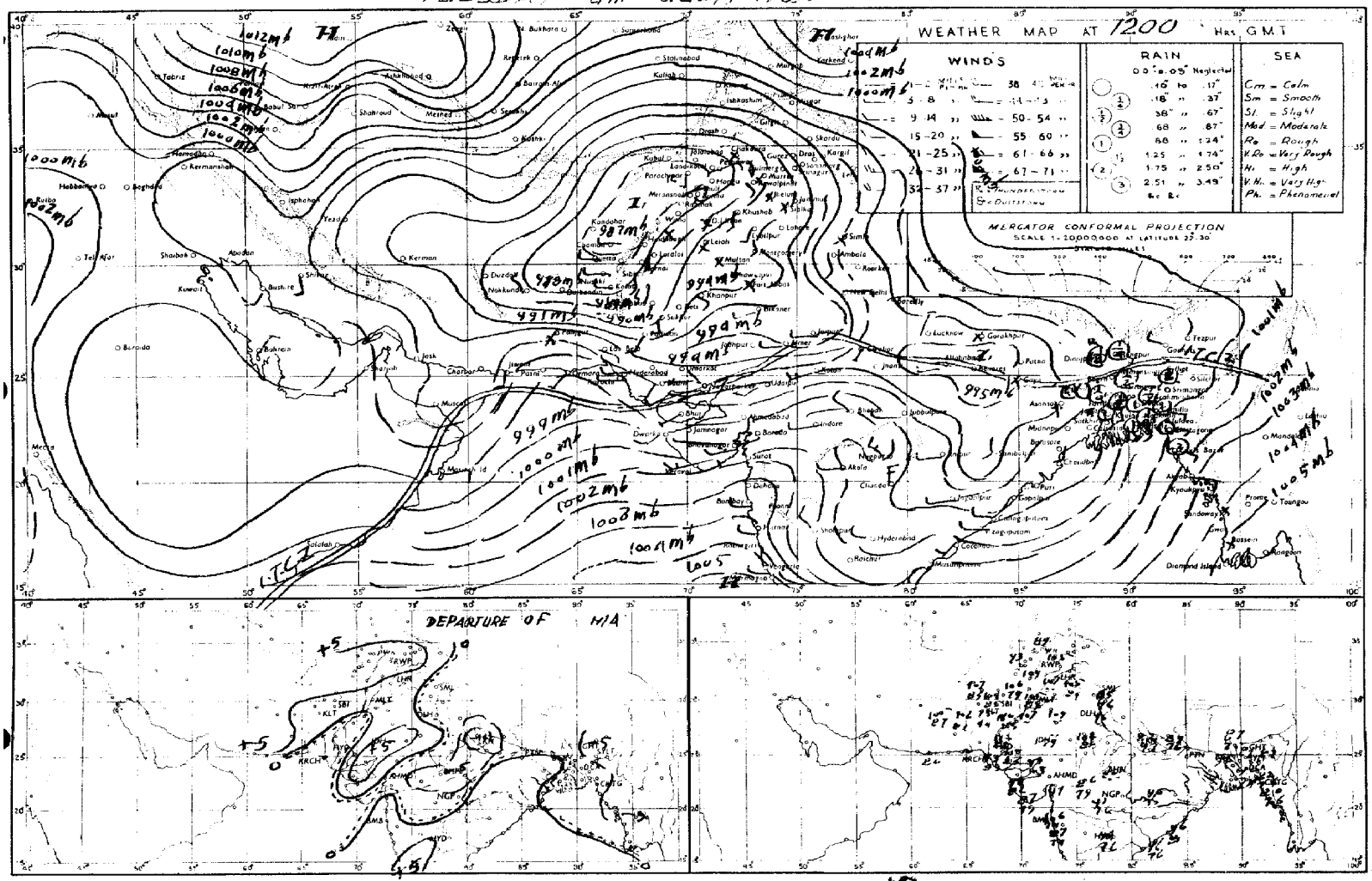
fff - Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

TUESDAY 8th JULY, 1969.



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

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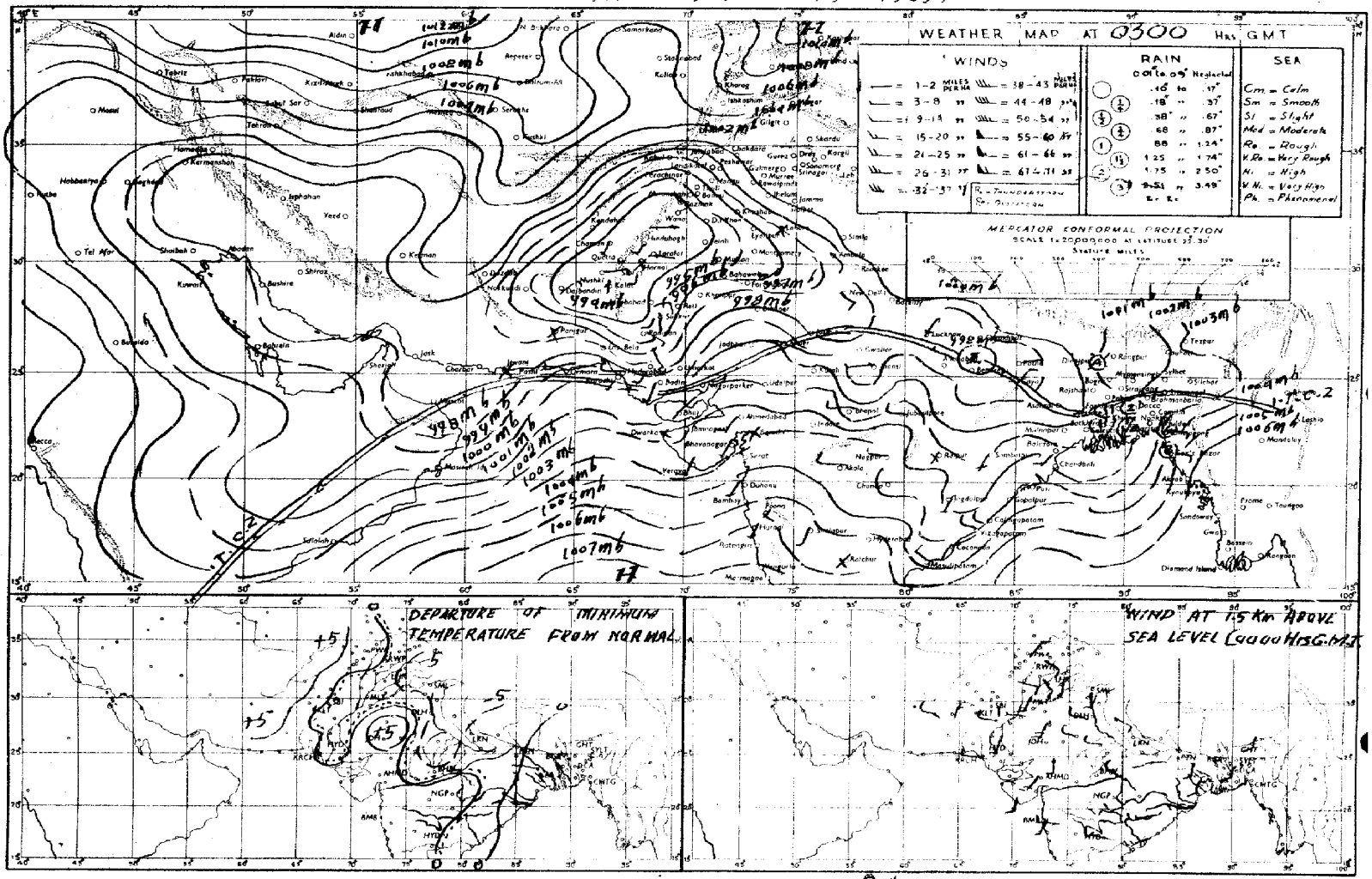
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 9th JULY, 1969.



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

Pages 1—2 Rs. 3/-
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Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 10th JULY, 1969.

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

Monsoon trough extends from Indian Punjab to north Bihar.

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

Shallow incursion of moist easterlies in taking place in the north eastern divisions of West Pakistan. The seasonal trough of low pressure now lies over Kalat and Khairpur divisions.

Local rain/thundershowers have occurred in Rawalpindi division and scattered in Peshawar division. A few dustsrorms have also occurred in Hyderabad division.

Chief amounts of rainfall are : Rajshahi 5", Rangpur 4", Khulna 3", Murree, Comilla, Sylhet, Barisal and Bogra 2" each; Maijdee Court, Faridpur, Jessore and Sirajganj 1½" each, Cox's Bazar, Narayanganj, Pabna and Dinajpur 1" each, Rangamati, Mymensingh and Jhelum 3/4" each, Parachinar, Rawalpindi and Kakul 1/2" each, and Chittagong ¼" each.

Day temperatures were 3—5 °F (2—3 °C) above normal in Quetta, Kalat and Hyderabad divisions and 3—6 °F (2—3 °C) below normal in East Pakistan and Sargodha division.

Forecast valid until the evening of 11th July 1969 :— Fairly widespread rain/thudershowers are likely to occur in East Pakistan, Lahore and Rawalpindi divisions, local in Sargodha division and Kashmir, scattered in Multan and Peshawar divisions. A few dust/thunderstorms may also occur in Hyderabad, Karachi, Bahawalpur and Quetta divisions.

Karachi-11
The 10th July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	063	8	7	18	09	98	02	6	033	//	4	3	5	7	/	76	//
	Cox's Bazar ...	070	7	7	13	11	96	02	6	033	80	5	4	4	3	0	78	82
	Chittagong ...	022	6	/	13	12	97	02	6	026	82	3	8	4	3	1	76	86
	Maijdee Court ...	000	9	8	18	02	96	03	2	036	80	7	5	5	2	0	78	82
	Comilla ...	030	0	6	18	05	96	02	2	013	83	6	4	5	0	0	78	85
	Brahmanbaria ...	003	0	5	18	03	96	0/	/	014	81	5	5	5	0	0	78	86
	Sylhet ...	0 6	9	8	18	05	96	61	6	///	78	1	3	3	/	/	77	83
	Srimangal ...	030	0	5	18	02	96	02	0	012	81	3	5	3	7	1	78	87
Dacca	Mymensingh ...	045	2	8	03	00	96	03	5	001	78	8	6	4	/	/	78	83
	Narayanganj ...	034	2	8	13	02	99	03	6	///	//	/	/	/	/	/	79	82
	Dacca (Tezgaon) ...	015	6	7	18	02	97	02	6	993	83	6	9	3	7	0	78	85
	Faridpur ...	020	0	8	20	02	97	02	6	932	78	7	5	4	1	0	77	87
Khulna	Barisal ...	132	5	8	18	02	96	21	6	012	73	6	4	4	2	0	75	84
	Khulna ...	200	4	8	18	05	97	03	0	023	77	4	4	4	0	4	68	//
	Satkhira ...	018	0	6	18	01	97	01	0	937	84	2	3	9	0	/	73	93
	Jessore ...	103	9	8	16	09	96	61	9	999	73	6	/	3	2	/	77	93
Rajshahi	Pabna ...	019	0	8	18	02	97	//	/	946	//	0	9	9	4	/	77	87
	Sirajganj ...	095	6	8	07	03	96	02	1	995	79	/	/	8	0	/	77	84
	Rajshahi ...	103	6	0	20	09	96	02	1	988	81	7	5	6	/	/	//	84
	Bogra ...	006	3	0	00	00	97	//	6	991	77	5	7	2	/	/	74	81
	Dinajpur ...	006	2	7	07	02	96	02	/	988	81	7	5	6	/	/	77	81
	Rangpur ...	052	8	7	00	03	96	0/	/	973	82	7	6	6	0	0	79	84
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	09	02	94	06	0	922	03	0	0	9	0	0	74	02
	Sialkot ...																	
Rawalpindi	Jhelum ...	000	9	1	30	30	96	03	1	930	92	2	0	9	1	5	73	03
	Islamabad ...	...		...	...			...	...	...		...			...		...	...
	Rawalpindi ...	000	0	8	18	02	97	02	2	945	96	8	4	8	0	0	69	03
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	8	03	//	95	03	2	918	03	2	6	8	0	0	86	//
	Sargodha ...	000	0	4	18	07	95	06	0	922	03	2	5	6	1	0	73	//
	Lyallpur ...	000	0	0	16	02	96	00	0	927	99	0	0	9	3	0	63	00
Multan	Sahiwal ...																	
	Multan ...	000	0	0	16	03	97	02	0	903	02	0	0	9	0	0	74	02
	Leiah ...	000	0	0	13	02	96	02	0	030	05	0	0	9	0	0	72	//
Bahawalpur	Khanpur ...	000	0	0	23	05	95	06	0	///	05	0	0	9	0	0	70	08
	Bahawalpur ...	000	0	0	00	00	96	00	0	921	05	0	0	9	0	0	63	05
	Fort Abbas ...	000	0	0	23	04	98	00	0	981	11	0	0	9	0	0	53	//
Peshawar	Chakdra ...	000	0	7	21	02	97	03	0	915	95	7	1	7	0	0	73	96
	Peshawar ...	000	3	7	18	09	99	88	9	958	84	4	9	6	2	0	75	03
	Haripur ...																	
D. I. Khan	Bannu ...	000	0	7	36	25	98	04	3	939	90	6	2	7	1	0	72	03
	D. I. Khan ...	000	0	0	03	00	98	00	0	907	08	0	0	9	0	0	75	05
Quetta	Sibi ...	000	0	0	18	03	97	02	0	///	13	0	0	9	0	0	66	14
	Nokkundi ...	000	0	0	31	09	96	01	0	901	08	0	0	9	0	0	97	10
Kalat	Turbat ...	000	0	0	27	02	96	00	0	985	05	0	0	9	0	0	33	05
	Jiwani ...	000	0	0	18	09	96	01	2	966	87	0	0	9	0	0	75	83
	Pasni ...	000	0	0	25	14	97	02	0	973	90	0	0	0	0	0	90	92
Karachi division	Ormara ...	000	0	1	18	12	96	02	2	971	89	1	6	6	0	0	82	93
	Lasbela ...	000	0	0	13	03	97	00	0	945	00	0	0	8	0	0	74	03
	Karachi (Manora) ...	000	0	1	25	07	97	03	0	972	89	1	6	5	0	0	79	90
	Karachi (Ariport) ...	000	0	3	23	10	96	01	1	971	89	3	6	5	0	0	76	94
Hyderabad	Nagarparker ...	000	0	0	05	02	97	02	0	998	03	0	0	9	0	0	71	04
	Chhor ...	000	0	0	23	26	96	09	0	948	98	0	0	9	0	0	29	03
	Hyderabad ...	000	0	0	23	10	95	07	0	955	97	0	0	9	0	0	71	03
	Badin ...	000	0	0	23	06	98	02	0	988	92	0	0	9	0	0	15	99
Khairpur	Padidan ...	000	0	1	18	09	96	03	0	917	09	0	0	9	0	1	63	10
	Nawabshah ...	000	0	0	18	17	96	?6	0	933	04	0	0	?	0	0	74	06
	Sukkur ...	000	0	0	13	03	96	02	0	964	06	)	0	9	0	0	77	06
	Kashmore ...	000	0	0	18	03	98	02	0	912	06	0	0	9	0	0	73	08
	Jacobabad ...	000	0	0	13	09	97	02	0	///	//	0	0	9	0	0	76	09
junagadh	Verav ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	///	/	8	23	03	?6	03	9	413	70	8	5	4	/	/	57	78
Peshawar	Drosh * ...	000	0	4	23	05	98	03	1	373	93	2	1	7	6	0	46	95
	Cherat * ...	002	1	7	18	05	96	05	5	411	79	7	3	6	0	0	64	90
	Kakul * ...	000	0	8	23	03	96	05	2	411	84	4	5	9	2	8	//	91
	Landikotal * ...	000	5	6	05	05	98	01	2	387	82	7	6	7	/	/	62	91
	Prachinar * ...	040	6	7	13	03	97	17	9	406	73	5	9	6	2	0	59	85
D.I. Khan	Miranshah * ...	014	0	8	05	05	96	06	0	393	85	0	0	9	0	0	66	94
	Wana * ...	000	0	3	00	00	98	03	9	431	90	3	3	7	0	0	59	96
Quetta	Fort Sandeman * ...	000	5	1	27	09	97	01	0	363	04	1	1	7	0	0	28	07
	Hindubagh * ...	000	0	0	20	09	96	05	0	367	99	0	0	9	0	0	59	01
	Loralai * ...	000	0	0	27	04	98	00	0	401	04	0	0	9	0	0	55	06
	Barkhan * ...																	
	Harnai * ...	000	0	0	00	00	96	02	0	373	03	0	0	9	0	0	65	04
	Samungli (Quetta) * ...	000	0	3	34	12	96	02	0	385	98	3	3	7	0	0	56	03
	Chaman * ...	000	0	0	31	11	97	00	0	399	02	0	0	9	0	0	53	05
	Nushki * ...	000	0	0	27	03	97	02	0	388	81	0	0	9	0	0	68	42
	Dalbandin * ...	000	0	4	23	03	96	05	0	406	12	0	0	9	0	8	46	12
Kalat	Kalat * ...	000	0	0	29	03	97	02	0	394	81	0	0	9	0	0	61	92
	Khuzdar * ...	000	0	3	31	07	97	02	0	377	05	3	5	9	0	0	27	07
	Panjgur * ...	000	0	0	36	03	96	02	0	406	08	0	0	9	0	0	89	08

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts ff (24)	Horizontal visiblity † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (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, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Rangamati	077	9	6	18	05	98	01	6	056	82	4	4	6	7	0	77	77	—	—	39.5	—	46.1	—
Cox's Bazar	133	0	7	13	12	96	51	6	043	81	5	4	4	3	0	77	77	— 4	0	29.8	— 2.8	46.3	140
Chittagong	023	9	7	13	16	97	02	6	047	82	5	4	4	2	0	75	75	0	— 2	23.0	+ 0.3	52.2	108
Maijdee Court	150	9	8	16	03	96	03	6	021	81	5	5	5	2	1	79	76	— 4	— 2	45.2	+17.8	57.4	115
Comilla	313	3	7	18	05	96	03	6	033	73	7	4	4	/	7	72	75	— 2	— 2	62.2	+38.9	81.4	94
Brahmanbaria	003	0	5	13	02	97	03	1	032	81	5	5	5	0	0	77	76	—	—	18.2	+ 0.4	29.9	78
Sylhet	205	9	8	05	05	96	61	6	043	77	6	7	3	2	/	77	75	—	—	43.4	—	81.2	—
Srimangal	030	0	6	13	05	96	02	0	033	82	3	9	5	5	1	77	77	— 3	+ 1	27.1	— 3.4	48.6	98
Mymensingh	073	6	7	00	00	96	03	2	033	82	7	5	4	0	0	83	86	— 5	— 2	22.3	— 0.9	37.5	91
Narayanganj	133	2	2	23	00	97	60	6	031	79	8	7	3	/	/	79	77	— 6	— 1	17.4	— 5.9	40.8	74
Dacca (Tezgaon)	033	0	8	16	02	97	02	0	027	83	7	7	3	2	/	83	73	—	—	12.7	—	23.8	—
Faridpur	143	3	8	16	05	97	61	6	001	79	6	4	5	1	0	79	77	— 1	— 1	15.8	— 1.2	29.4	71
Barisal	191	9	8	23	03	96	61	6	033	83	6	7	4	2	/	80	76	— 4	— 3	17.6	— 2.8	27.6	81
Khulna	300	9	6	03	00	97	03	0	937	82	4	2	4	0	1	//	77	/	— 1	11.9	— 5.4	28.7	68
Satkhira	003	0	4	18	02	97	00	1	019	81	2	9	2	9	0	80	77	+ 1	— 1	8.6	— 8.1	13.9	65
Jessore	143	4	8	13	06	95	61	6	020	79	6	3	7	2	/	72	77	—	—	13.7	— 2.4	22.1	65
Pabna	033	9	8	13	02	96	61	6	018	81	8	7	6	/	/	73	79	—	—	11.2	—	25.0	59
Sirajganj	191	9	8	18	02	92	02	2	019	83	8	0	7	/	/	73	77	— 5	—	17.0	+ 1.2	23.6	64
Rajshahi	474	9	8	13	01	94	60	9	011	81	8	7	4	0	/	83	77	— 5	— 2	16.7	+ 1.5	30.8	—
Bogra	223	9	8	13	02	96	02	2	016	81	4	5	4	2	/	81	79	— 7	+ 1	13.7	— 0.2	24.7	69
Dinajpur	103	0	7	03	02	96	02	2	010	81	7	6	4	/	/	80	79	— 7	+ 2	28.8	+ 8.7	51.8	72
Rangpur	422	8	7	00	03	96	62	8	009	87	8	6	7	0	0	64		— 4	/	32.1	+ 7.7	50.7	84
Jammu																							—
Lahore (Jail Rd.)	003	0	8	07	02	95	06	0	983	87	1	5	6	2	0	77	86	+ 1	+ 6	0.7	— 2.6	5.3	19
Sialkot																							32
Jhelum	073	9	1	00	00	97	29	9	987	79	3	3	6	7	0	77	75	—	—	1.2	—	10.7	—
Islamabad	335	9	5	00	00	96	03	6	///	85	3	5	7	/	/	70	73	—	—	1.0	—	9.0	
Rawalpindi	043	7	7	05	02	99	02	9	007	79	4	5	6	6	0	73	73	+ 1	— 4	16.1	— 2.7	11.1	36
Campbellpur																							—
Khushab	003	0	8	05	05	97	03	2	993	83	4	2	9	4	0	73	81	/	— 2	0.0	— 2.4	3.4	15
Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...		...		...	—					—
Lyallpur	003	0	/	//	//	95	07	3	973	//	4	3	8	0	0	77	//	— 3	/	0.2	— 2.0	3.1	12
Sahiwal																							10
Multan	000	0	2	20	09	96	05	0	975	90	2	9	9	3	0	73	83	— 1	+ 1	5.9	— 4.8	9.0	7
Leiah	000	0	0	27	02	93	00	0	935	94	0	0	9	0	0	79	85	—	—	0.0	—	1.8	8
Khanpur	000	0	2	23	06	96	05	0	956	84	0	0	9	0	1	63	72	+ /	— 11	0.0	— 1.1	0.9	6
Bahawalpur	003	0	0	00	00	95	00	0	981	87	0	0	9	0	0	73	84	0	0	0.1	— 0.9	1.3	6
Fort Abbas	003	0	0	23	04	98	00	0	971	90	0	0	9	0	0	82	90	—	—	0.0	—	0.2	8
Chakdra	013	0	6	00	00	//	//	/	982	77	6	0	9	3	0	73	76	—	—	0.5	—	9.9	—
Peshawar	000	/	1	00	00	96	06	0	933	84	1	0	9	3	0	54	79	0	— 1	0.0	— 0.6	9.4	11
Haripur																							—
Bannu	003	0	7	16	01	98	03	1	990	82	5	2	7	2	0	72	70	—	—	0.1	—	3.9	11
D. I. Khan	003	3	8	05	03	97	03	2	983	85	0	0	9	2	0	73	82	+ 1	— 1	0.3	— 1.0	2.7	9
Sibi	003	0	0	18	03	97	02	0	979	92	0	0	9	0	0	70	91	—	—	0.0	—	1.1	5
Nokkundi	000	0	2	31	07	96	02	0	964	94	2	5	7	0	0	39	87	—	—	0.0	—	0.3	2
Turbat	000	0	0	23	02	96	00	0	878	86	0	0	9	0	0	81	//	—	—	0.0	—	0.2	—
Jiwani	000	0	8	13	07	96	02	2	005	84	8	6	5	0	0	75	83	—	—	0.0	—	2.0	5
Pasni	000	0	4	05	04	97	02	0	036	83	4	0	9	0	0	79	83	0	+ 2	0.0	— 0.4	0.0	6
Ormara	003	0	4	27	05	96	02	2	011	85	4	6	6	0	0	81	//	—	—	0.0	— 0.1	0.6	6
Lasbela	003	0	8	03	00	98	00	0	031	83	0	0	8	0	0	76	77	—	—	0.0	—	0.0	8
Karachi (Manora)	000	0	6	22	09	96	03	1	919	85	6	6	4	0	0	81	83	— 1	+ 1	0.0	— 1.2	0.1	8
Karachi (Ariport)	000	0	6	27	10	96	03	1	032	86	3	6	5	3	0	78	81	—	—	0.0	—	0.0	—
Nagarparker	...		...			...	...	...	...	..	...		...	...	...		...	—					—
Chhor	000	0	1	23	26	96	08	0	998	86	1	6	4	0	0	76	82	—	—	0.0	—	0.1	7
Hyderabad	000	0	1	25	07	97	01	0	993	87	1	6	5	0	0	75	84	0	+ 2	0.0	— 1.0	0.1	9
Badin	000	0	0	23	04	96	02	0	015	85	0	0	9	0	0	78	83	+ 3	— 2	0.0	— 2.2	0.0	—
Padidan	000	0	0	18	07	97	02	0	970	88	0	0	9	0	0	73	83	—	—	0.0	—	0.0	—
Nawabshah	003	0	0	18	16	96	02	0	972	83	0	0	9	0	0	75	81	—	—	0.0	—	0.0	4
Sukkur	030	0	6	13	05	96	03	2	963	87	6	0	9	6	0	75	83	—	—	0.0	—	0.0	—
Kashmore	003	0	0	18	02	98	02	0	956	96	0	0	9	0	0	73	83	—	—	0.0	—	0.0	4
Jacobabad	000	0	0	09	03	97	02	0	966	87	0	0	9	0	0	78	84	— 1	— 1	0.0	— 0.5	0.3	20
Verav																							26
HILL STATIONS																							—
Srinagar																							
Gulmarg																							71
Sonamarg																							26
Dras																							3
Leh																							6
Skardu																							—
Misgar																							—
Aliabad																							51
Gilgit																							59
Murree	177	2	6	13	05	98	02	9	433	65	6	5	4	0	0	64	54	+ 3	— 5	3.7	— 2.7	22.4	18
Drosh	030	0	1	03	00	93	03	0	433	75	1	0	9	3	0	60	69	— 1	— 3	0.4	—	11.5	29
Cherat	002	0	3	18	02	98	01	2	445	73	3	0	7	1	0	62	//	0	/	0.1	— 0.8	9.5	—
Kakul	041	0	6	13	03	98	02	2	418	75	6	4	6	0	0	64	68	—	—	1.4	—	12.1	—
Landikotal	003	0	/	//	//	98	02	0	452	77	0	0	9	0	0	68	73	—	—	0.0	—	10.5	29
Prachinar	042	9	7	03	03	97	02	9	436	70	3	6	5	2	0	64	64	— 3	— 2	0.9	—	11.5	13
Miranshah	000	0	6	05	05	96	02	0	426	85	6	0	9	0	0	66	83	—	—	0.3	— 1.1	1.7	11
Wana	000	0	0	13	02	93	00	0	440	81	0	0	9	0	0	63	77	—	—	0.0	—	3.5	11
Fort Sandeman	003	0	0	05	02	95	05	0	416	82	0	0	9	0	0	65	78	+ 6	+ 3	0.0	— 1.3	4.3	—
Hindubagh	000	0	0	27	02	97	01	0	402	81	0	0	9	0	0	36	66	—	—	0.0	—	3.3	9
Loralai	003	0	0	27	02	98	00	0	390	75	0	0	9	0	0	45	57	—	—	0.0	—	0.0	—
Barkhan																							14
Harnai	003	0	0	00	03	96	02	0	407	91	0	0	9	0	0	73	//	—	—	0.0	— 1.3	1.8	9
Samungli (Quetta)	000	0	0	03	03	96	05	0	432	81	0	0	9	0	0	62	63	—	—	0.0	— 0.2	2.6	8
Chaman	000	0	0	09	05	97	00	0	419	88	0	0	9	0	0	51	80	+ 3	+ 4	0.0	0.0	2.7	—
Nushki	003	0	0	//	03	97	02	0	541	72	0	0	9	0	0	60	65	—	—	0.0	—	0.0	4
Dalbandin	000	0	6	00	00	96	03	J	345	93	0	0	9	6	0	47	86	+ 3	+ 6	0.0	0.0	0.6	7
Kalat	000	0	0	20	02	97	02	0	424	80	0	0	9	0	0	34	65	+ 1	+ 3	0.0	— 0.4	1.3	—
Khuzdar	003	0	3	00	00	96	03	0	401	87	3	5	6	0	0	61	81	—	—	0.1	—	1.4	5
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 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

THURSDAY THE 10th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_iV_sa PP	7RR $t_R i_i$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Mardan	99 2 23	10 6 83	09 0 63	32 5 06	58 0 18	00 3 30	33 8 00		74 0 00		0/ / 27	12 9 00	30 2 04	24 0 12
Laos	99 1 30	10 6 24	09 1 83	62 4 27	98 0 30	08 5 28	62 4 00	14 2 10	..		05 0 24	12 8 08	30 6 06	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	000 256 09	...	41 / 18/ /0	099 108 01	582 027 00	755 129 45	971 251 65	251 475 / /	433 633 / /	274 787 / /	...	...	...
Dacca ...	00 00	000 270 14	...	400 1/8 00	093 090 16	580 035 26	754 123 50	969 261 58	250 491 / /	433 645 / /	673 779 / /	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	996 288 29	...	400 210 55	055 114 93	577 031 / /	752 091 / /	969 221 / /	258 391 / /	...	...	...	...	...
Multan ...	00 00	982 310 57	...	350 274 58	092 184 58	587 030 / /	765 031 / /	983 205 / /	265 461 / /	...	...	...	...	...
Peshawar ...	00 00	958 270 56	...	400 262 / /	085 295 06	590 030 / /	778 013 9/	900 161 / /	315 253 / /	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD									Max. Wind Speed	TROPOPAUSE	
											PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 216 09	800 166 03	600 048 83	530 000 26	350 185 63	229 429 / /	...	...	...	...	...	...
Dacca ...	00 00	900 204 00	800 140 0/	600 030 16	565 030 05	350 183 57	..	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	..	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	..	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	..	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...													

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date(dd fff)						At 0600 hrs. G.M.T. † of Previous day (dd fff)									
	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	3.4	5.4	6.0	7.2	0.9
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	No	Ascent								140 17																
Chaki's ...		095 05	145 05	155 10	165 13	...	...	...	...		100 07	115 06	125 05	...	...	...	215 05	220 05	080 02	015 02	320 06	...	...	...	...	...
Chhor ...	220 21	225 22	230 19	235 25	...	...	...	...	...	225 26	230 36	236 33	250 23	...	...	230 29	230 35	235 37	...	...	...	...	...	...	...	...
Chittagong ...	145 18	165 20	185 28	185 25	195 20	220 15	...	...	...																	
Cox's Bazar ...	155 27	180 / /	/// //							No	Ascent					170 13	170 17	180 21	190 20	205 24	235 26	...	...	...	...	...
Dacca ...	180 04	175 05	165 0/							155 20	180 17	190 19	190 18	210 15	225 12	No	Ascent									
Dalkandin ...			250 02	285 07	265 12	260 15	325 06	270 07	...			115 10	060 10	075 06	100 05			050 05	080 04	100 03	325 06	270 12	265 13	265 16	260 23	...
D. I. Khan ...	220 13	215 16	215 17	135 10	265 11					040 17		115 09	135 07			025 08	065 07	075 10	105 07	120 06						...
Drosh ...	...	..	...	...	230 12	225 12	210 17	260 10	165 13	...	015 12	...	255 01	310 02	340 06	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	280 08	270 13	280 07	265 19	290 28	285 20				035 08	025 17	245 12	...	...	...	355 05	305 01	280 08	325 11	275 11	290 18	...	...
Jacobabad ...	160 19	165 25	185 21	185 16	170 13	350 07	335 17	335 14	320 16	150 14	190 12	225 12	195 04	200 04	300 09	135 15	115 16	190 16	090 18	100 18	025 10	355 15	010 17	010 21	005 19	005 31
Jessore ...										No	Ascent					183 12	150 10	183 10								
Jhelum ...	120 07	125 12	130 13	175 11	145 06	225 05	290 13	300 15	290 17							140 02	100 07	100 09	125 08	270 11	300 08	320 08	305 15	315 17	270 13	285 27
Jiwani ...	160 06	330 05	335 08	335 19	325 16	335 10	065 07	020 06	040 07	130 03	135 06	...	...	...	...	100 06	073 07	...	...	...	...	...	...	...	...	...
Karachi ...	240 11	240 15	230 17	...	...	...	...	...	...							255 18	250 12	245 10								
Khanpur ...	220 13	215 16	215 17	225 16	265 11	...	...	...	...	230 13	235 15	225 14	245 15	285 17	...	240 19	245 23	245 21	250 13	255 15	255 04	300 50	335 45	335 57	320 68	285 41
Lahore ...	095 10	105 10	110 11	135 10	...	...	...	...	...	125 04	140 15	155 15	175 07	240 05	...	105 06	115 08	140 08	195 05	105 08	...	...	...	...	...	...
Multan ...	185 09	185 10	185 09	180 08	185 09	290 19	295 21	295 22	300 17	225 12	236 12	255 06	315 02	300 03	280 15	185 09	185 70									
Nawab Shah ...	...	..	...	...	...	...	...	...	...	215 19	220 12	250 05	365 06	295 01	345 09	210 08	255 04	040 05	020 05	045 07	020 13	050 12	030 04	135 08	...	...
Panjgar ...	...	...								...	...					...	...									
Peshawar ...	...	240 13	205 11	165 11	135 09	065 06				..	..	340 04	260 06	325 05	200 06	...	035 06	045 03	090 02	250 02	265 08	230 11	250 19	280 31	250 43	...
Quetta ...					315 12	280 23	300 15	295 22	285 26					285 04	300 13					240 08	240 25	185 28	145 52	170 34		
Sargodha ...	155 08	150 09	140 07	125 07						030 15	085 11	075 09	080 07			075 07	075 13	085 13	120 15	130 15						
Sylhet ...	110 06	170 06	185 08	...	...	...	...	...	...	No	Ascent	...	...	...	...	155 06	180 18	...	...	...	...	...	...	...	...	...
Yerwal ...	...	...	...							...		...	...	...	...	...		...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagoog ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	235 08	235 02	235 19	245 15	280 13	010 14	005 19	045 16	035 15	065 15	090 13	210 15	085 09	155 07	230 10	..	..	..
Peshawar ...																		
Quetta ...																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

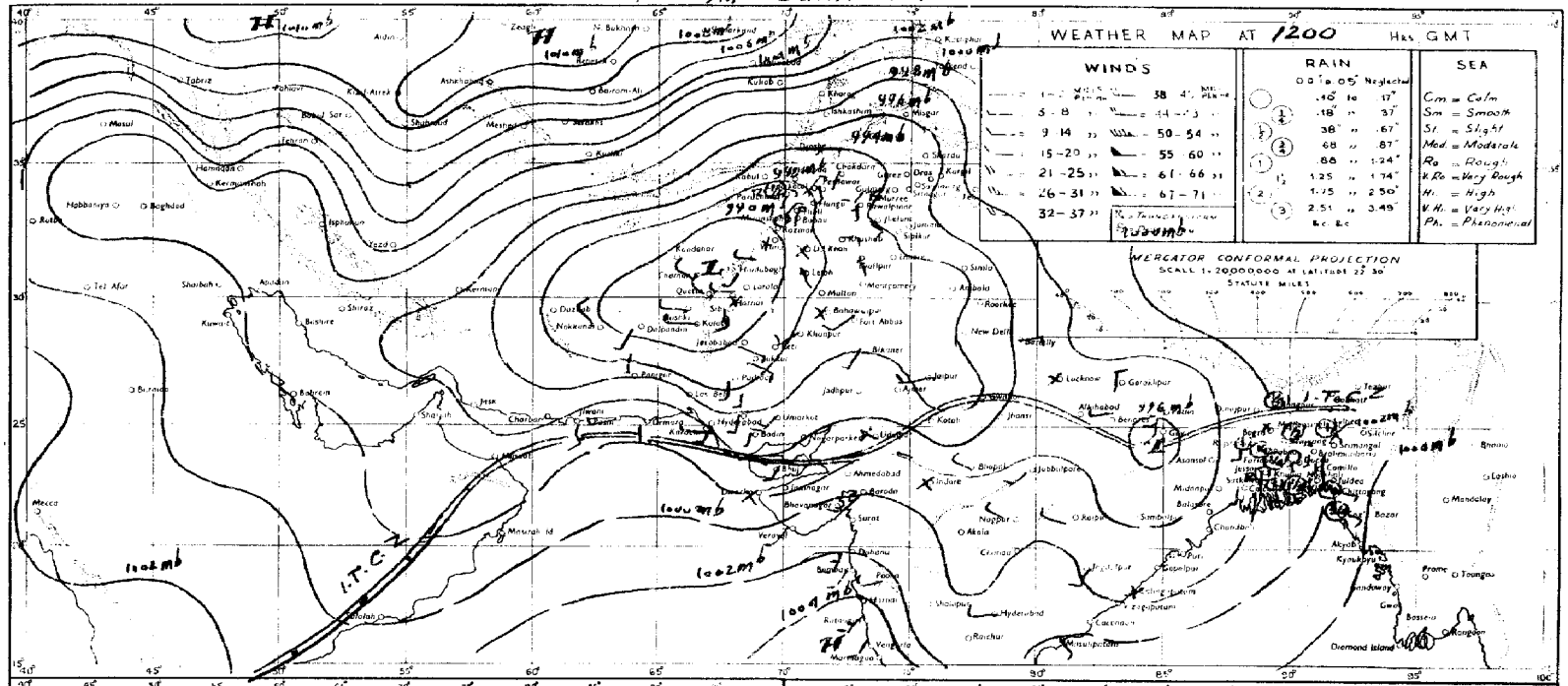
ff Wind speed in knots.

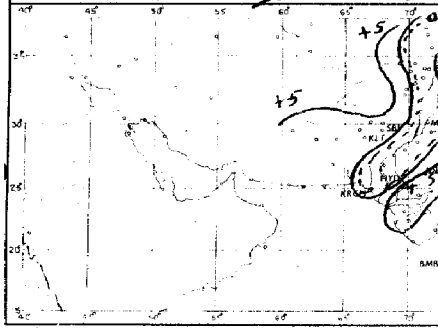
Cloud observation Data (Iffii Cdd V. V. etc.)

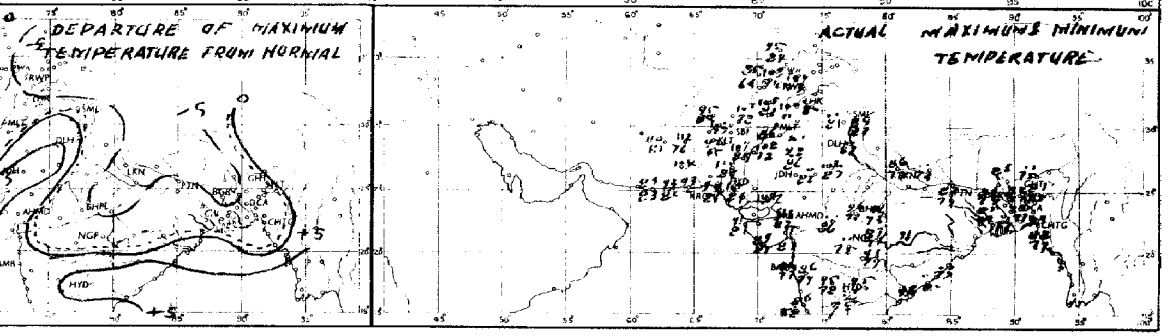
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 9th JULY, 1969.



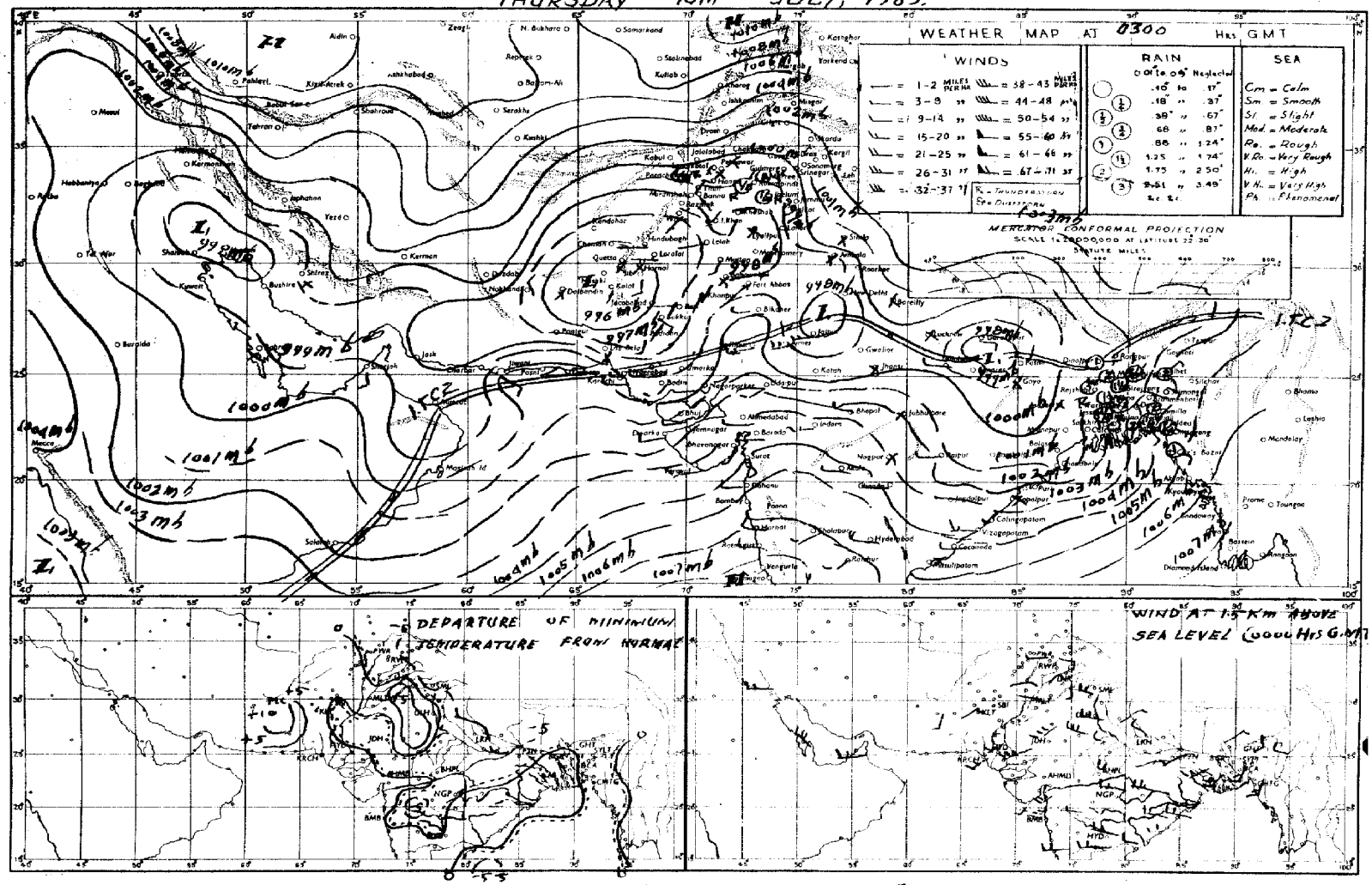




Rainfall amounts indicated in the above chart refer to past 12 hours

PAKISTAN DAILY WEATHER MAP

THURSDAY 10th JULY, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 11th JULY, 1969.

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

Monsoon trough continues extending from Indian Punjab to north Bihar. Rain/thundershowers have been widespread in Khulna division, fairly widespread in Dacca division, local in Chittagong and Rajshahi divisions. Shallow incursion of moist easterlies into northeastern divisions of West Pakistan continues. The seasonal trough of low pressure over Kalat and Khairpur divisions has became more marked. Scattered rain/thundershowers have occurred in Bahawalpur and Peshawar divisions. Thunderstorms/light showers have also occurred at a number of places in Sargodha division.

Chief amounts of rainfall are : Sylhet, Satkhira and Jessore 2" each, Comilla and Khulna 1½" each, Maijdee Court, Narayanganj and Dacca 1" each, Bogra 3/4", Brahmanbaria, Srimangal, Faridpur and Rangpur 1/2" each, Barisal, Sirajganj, Dinajpur, Fort Abbas, Parachinar ½" each.

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

Forecast valid until the evening of 12th July 1969 :— Fairly widespread rain/thudershowers are likely to occur in East Pakistan, Lahore and Rawalpindi divisions, local in Kashmir and Sargodha divisions, scattered in Peshawar, D. I. Khan, Quetta and Hyderabad, divisions.

Karachi-11
The 11th July, 1969.

(ZARIF AHMED)
for Director, Meteorological Service.

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 from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	004	7	7	18	02	96	02	6	036	84	6	3	5	7	/	77	87
	Cox's Bazar	000	0	7	18	13	97	02	2	031	84	4	4	4	3	0	81	86
	Chittagong	000	0	0	00	03	96	02	2	030	84	4	4	4	3	0	77	88
	Maijdee Court	000	9	8	16	05	96	03	2	018	82	4	5	5	2	1	77	84
	Comilla	075	5	7	18	05	96	02	2	023	73	7	4	4	0	0	76	82
	Brahmanbaria	053	6	7	10	05	97	03	6	016	73	7	5	5	0	0	75	82
	Sylhet	247	9	8	07	05	96	21	6	025	77	6	4	3	2	/	77	81
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	000	0	6	13	02	97	02	2	012	82	6	5	4	0	0	77	84
	Narayanganj	120	6	8	18	02	96	02	5	002	79	4	6	3	3	1	76	81
	Dacca (Tezgaon)	107	8	7	18	02	97	21	6	009	79	1	3	5	2	0	79	82
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	Barisal	183	5	8	00	00	96	59	6	018	77	6	4	2	0	/	75	82
	Khulna	125	2	6	18	05	97	03	0	998	79	4	2	4	0	2	//	91
	Satkhira	009	0	6	18	02	97	01	0	997	84	2	3	9	1	0	79	90
	Jessore	025	9	8	13	12	97	83	5	996	81	3	6	3	2	1	79	84
Rajshahi	Pabna	011	8	7	18	02	97	01	6	993	84	7	0	9	7	0	81	87
	Sirajganj	000	0	8	18	03	97	02	2	001	82	8	0	9	8	0	79	84
	Rajshahi	029	9	8	18	03	95	03	/	991	83	/	/	/	/	/	87	85
	Bogra	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinajpur	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangpur	029	8	5	00	03	96	01	6	977	82	6	0	9	2	0	77	84
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	5	23	02	94	06	1	930	04	2	5	6	2	0	73	05
	Sialkot																	
Rawalpindi	Jhelum	000	9		00	00	97	02	0	934	02	0	0	9	0	0	70	03
	Islamabad																	
	Rawalpindi	000	0	4	18	02	98	02	2	951	96	0	0	9	0	0	70	98
	Campbellpur																	
Sargodha	Khushab	000	0	0	36	//	96	06	0	938	03	0	0	9	0	0	80	02
	Sargodha	000	0	0	05	05	95	06	1	940	02	0	0	9	0	0	73	02
	Lyallpur	000	0	0	00	00	96	00	0	938	00	0	0	9	0	0	72	04
Multan	Sahiwal	000	0	0	18	05	96	06	0	929	02	0	0	9	0	0	75	04
	Multan	000	0	0	36	02	95	00	0	///	09	0	0	9	0	0	76	09
	Leiah																	
Bahawalpur	Khanpur	000	0	0	23	05	96	02	0	926	07	0	0	9	0	0	//	07
	Bahawalpur	000	0	0	00	00	96	00	0	924	05	0	0	9	0	0	64	05
	Fort Abbas	///	/	0	23	02	96	08	0	895	16	0	0	9	0	0	50	16
Peshawar	Chakdra	000	0	0	00	00	97	03	8	921	98	3	0	9	0	0	80	00
	Peshawar	000	0	2	23	10	97	01	1	937	96	1	8	6	3	0	64	98
	Haripur	000	0	0	18	03	97	33	3	943	98	0	0	9	0	0	34	98
D. I. Khan	Bannu	000	0	7	09	02	98	03	3	943	98	4	1	7	1	2	72	00
	D. I. Khan	000	0	0	00	00	98	00	0	933	00	0	0	9	0	0	72	00
Quetta	Sibi	000	0	0	18	03	97	02	0	919	13	0	0	9	0	0	68	14
	Nokkundi	000	0	0	31	05	96	01	0	906	10	0	0	9	0	0	61	12
Kalat	Turbat	000	0	0	27	02	96	00	0	925	06	0	0	9	0	0	91	06
	Jiwani	000	0	0	18	09	96	01	2	974	89	0	0	9	0	0	77	91
	Pasni	000	0	0	25	16	97	02	0	002	90	0	0	0	0	0	79	94
Karachi division	Ormara	000	0	1	18	09	96	02	2	965	89	1	6	6	0	0	84	92
	Lasbela	000	0	0	13	05	97	00	0	950	01	0	0	8	0	0	75	04
	Karachi (Manora)	000	0	3	25	07	96	03	0	985	90	1	6	4	0	0	80	92
	Karachi (Ariport)	000	0	6	23	10	96	03	0	984	90	3	6	5	0	0	76	94
Hyderabad	Nagarparker	000	0	8	18	02	97	01	0	028	00	5	1	7	4	0	74	01
	Chhor	000	0	3	23	12	96	07	0	967	99	8	5	6	0	0	73	00
	Hyderabad	000	0	0	23	09	97	01	0	970	97	3	0	9	0	0	72	00
	Badin	000	0	6	23	07	96	03	0	992	99	0	0	9	0	6	77	99
Khairpur	Padidan	000	0	0	18	05	96	02	0	939	07	0	0	9	0	0	66	//
	Nawabshah	000	0	0	18	16	96	06	0	951	04	0	0	9	0	0	76	06
	Sukkur	000	8	6	13	05	96	03	2	921	06	6	0	9	9	0	77	08
	Kashmore	000	0	0	18	03	98	02	0	925	03	0	0	9	0	0	75	05
	Jacobabad	000	0	0	18	09	97	02	0	923	07	0	0	9	0	0	85	07
Junagadh	Varav																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	7	00	00	97	02	/	411	73	7	5	3	0	0	60	76
Peshawar	Drosh *	030	6	2	00	00	97	01	9	416	87	2	1	7	0	0	58	93
	Cherat *	000	0	4	18	02	98	01	2	422	86	4	4	6	0	0	70	91
	Kakul *	000	0	3	23	07	97	10	2	416	89	3	2	5	0	0	70	90
	Landikotal *	000	5	6	31	05	98	02	0	387	82	0	0	9	0	0	63	91
	Prachinar *	000	0	5	11	00	97	17	9	413	83	/	/	/	/	/	63	83
D.I. Khan	Miranshah *	000	0	/	//	//	96	02	0	413	95	6	0	9	0	0	64	95
	Wana *	000	0	0	00	00	99	00	0	414	90	0	0	9	0	0	68	98
Quetta	Fort Sandeman *	000	0	1	23	05	96	05	4	386	01	1	1	7	0	0	19	04
	Hindubagh *	000	0	0	23	03	95	02	0	372	92	0	0	9	0	0	48	03
	Loralai *	000	0	0	18	02	98	00	0	398	10	0	0	9	0	0	55	04
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	382	03	0	0	9	0	0	63	03
	Samungli (Quetta) *	000	0	0	31	10	96	05	0	395	96	0	0	9	0	0	41	00
	Chaman *	000	0	0	27	11	97	00	0	399	00	0	0	9	0	0	61	03
	Nushki *	000	0	0	00	00	97	02	0	462	05	0	0	9	0	0	41	06
	Dalbandin *	000	0	5	23	03	96	01	1	413	08	4	4	6	3	0	45	10
Kalat	Kalat *	000	0	2	31	03	97	02	0	406	87	0	2	9	0	0	58	91
	Khuzdar *	000	0	5	13	14	97	03	0	397	95	3	5	6	2	0	47	05
	Panjgur *	000	0	1	36	03	96	03	0	415	08	1	1	8	0	0	83	09

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 clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts ff (24)	Horizontal visiblity † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (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, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	004	0	4	18	02	97	01	1	061	84	1	4	6	1	4	77	79	—	—	40.0	—	46.1	—
	Cox's Bazar	000	0	5	18	10	96	03	/	054	84	3	2	5	6	/	79	77	0	0	39.8	—39.8	46.3	140
	Chittagong	000	0	7	11	08	96	03	1	051	84	2	4	5	3	2	77	75	+ 2	— 2	29.0	—15.0	52.2	108
	Maijdee Court	100	6	8	18	02	97	02	2	033	82	3	5	5	2	1	79	75	— 2	— 3	46.2	+18.2	58.4	115
	Comilla	160	0	4	18	05	96	01	0	037	84	4	4	7	0	0	77	77	— 5	— 1	63.8	—40.0	83.0	94
	Brahmanbaria	053	0	5	16	05	97	03	/	043	84	5	5	5	0	0	77	77	—	—	18.7	+ 0.6	30.4	78
	Sylhet	245	9	6	09	03	96	01	5	051	83	3	4	4	3	0	79	75	—	—	45.8	—	83.7	—
	Srimangal	056	9	3	00	00	96	02	6	050	84	0	0	9	2	1	77	77		—	27.7	+37.0	49.1	98
Dacca	Mymensingh	003	0	7	13	02	97	50	2	043	84	7	5	4	0	0	79	79	— 3	+ 1	22.3	— 0.4	37.5	91
	Narayanganj	120	0	4	13	04	97	02	1	038	84	3	6	6	3	1	79	79	— 7	0	18.6	+ 1.5	42.0	74
	Dacca (Tezgaon)	111	9	4	18	02	97	01	6	033	84	2	8	5	4	0	79	68	/	—	13.7	—	24.8	—
	Faridpur	052	0	6	16	02	97	02	2	026	84	4	4	5	1	0	81	79		+ 1	16.3	— 1.0	30.0	71
Khulna	Barisal	022	3	8	13	02	97	03	6	035	81	7	4	5	2	0	79	75	— 6	— 4	17.8	— 3.0	28.8	81
	Khulna	120	9	2	00	00	57	03	0	016	84	0	2	4	0	0	73	77	— 7	— 1	13.1	— 3.6	30.0	68
	Satkhira	184	0	6	23	02	97	01	0	028	86	2	3	9	1	0	81	77	+ 1	— 1	10.4	— 6.7	15.7	65
	Jessore	215	4	6	16	09	97	02	6	024	84	3	6	3	0	1	81	75	—	—	15.8	— 0.8	24.3	65
Rajshahi	Pabna	///	/	4	13	05	98	01	6	028	86	4	7	6	0	0	81	79	—	—	11.2	—	30.0	59
	Sirajganj	000	0	8	18	02	97	02	2	029	82	8	0	7	1	2	79	79	— 3	+ 1	17.0	+ 0.3	23.6	64
	Rajshahi	029	9	8	13	02	95	03	6	029	81	8	7	4	/	/	79	79	— 4	+ 1	17.0	+ 1.3	31.0	—
	Bogra	083	9	6	13	08	96	01	6	031	82	2	3	4	8	0	79	//		—	14.5	— 3.7	25.5	69
	Dinajpur	035	3	5	09	02	96	02	2	029	84	5	5	6	/	/	81	79		+ 1	30.0	+ 9.0	52.1	72
	Rangpur	040	8	7	00	00	96	03	6	091	81	8	0	9	0	/	81	79	— 4	+ 1	32.5	+ 7.6	51.1	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	3	10	30	95	06	1	958	//	3	9	0	1	0	77	86	+ 4	+ 6	0.7	— 2.8	5.3	19
	Sialkot																							32
Rawalpindi	Jhelum	000	0	8	31	09	94	95	0	944	90	8	9	6	2	/	80	76	—	—	1.2	—	10.7	—
	Islamabad	004	0	8	00	00	96	91	6	///	//	1	2	4	6	2	79	73		—	1.0	—	9.1	—
	Rawalpindi	016	2	8	27	02	97	61	9	010	73	8	5	6	0	0	//	73	— 1	— 4	1.7	— 2.7	11.3	36
	Campbellpur																							—
Sargodha	Khushab	003	0	8	09	//	95	02	5	975	86	6	2	9	4	0	82	86	— 2	+ 4	0.0	— 2.5	3.4	15
	Sargodha	003	1	7	36	15	94	17	9	966	87	7	9	9	6	3	77	87	—	—	1.7	—	5.7	—
	Lyallpur	000	0	0	00	00	95	08	0	942	90	0	0	9	0	0	75	90	+ 1	+ 8	0.2	— 2.1	3.1	12
Multan	Sahiwal	000	0	0	23	05	96	05	0	963	90	0	0	9	0	0	75	86	+ 1	+ 1	6.0	+ 4.7	90.0	10
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					7
	Leiah																							8
Bahawalpur	Khanpur	000	0	0	23	07	97	02	0	964	86	0	0	9	0	0	73	82	0	— 1	0.0	— 1.1	1.0	6
	Bahawalpur	000	0	0	00	00	96	00	0	966	90	0	0	9	0	0	73	84	0	0	0.1	— 1.0	1.3	6
	Fort Abbas	000	0	0	05	04	98	00	0	978	94	0	0	9	0	0	90	//	—	/	0.0	—	0.2	8
Peshawar	Chakdra	000	0	0	05	03	97	20	2	952	87	0	0	9	0	0	69	75	—	—	0.5	—	9.8	—
	Peshawar	000	0	1	00	00	97	02	1	970	90	1	5	6	0	0	65	82	— 5	+ 2	0.0	— 0.6	9.4	11
	Haripur	000	7	5	31	05	97	03	6	993	79	5	0	9	9	0	73	73		—	0.4	—	10.5	—
D. I. Khan	Bannu	000	0	7	00	00	98	03	1	972	87	1	1	8	3	7	73	82	—	—	0.1	—	4.0	11
	D. I. Khan	000	3	6	00	00	98	03	/	957	90	8	0	9	2	0	79	84	— 4	+ 1	0.3	— 1.1	2.7	9
Quetta	Sibi	000	0	0	18	03	97	02	0	971	92	0	0	9	0	0	68	92	—	—	0.0	—	1.1	5
	Nokkundi	000	0	/	//	//	96	02	0	947	95	0	0	9	0	0	38	89	—	—	0.0	—	0.3	2
Kalat	Turbat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Jiwani	000	0	8	09	03	96	02	2	001	85	8	6	5	0	0	77	83	—	—	0.0	—	2.0	5
	Pasni	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					6
Karachi division	Ormara	000	0	4	27	03	96	06	6	009	87	4	6	6	0	0	80	20	—	—	0.0	— 0.1	0.6	6
	Lasbela	003	0	0	00	00	98	00	0	999	85	0	0	8	0	0	78	77	—	—	0.0	—	0.0	8
	Karachi (Manora)	000	0	6	27	07	97	03	1	002	86	0	0	9	1	0	80	84	+ 1	+ 3	0.0	— 1.4	0.1	8
	Karachi (Ariport)	000	0	7	27	05	96	03	2	001	86	2	6	5	2	0	72	83	—	—	0.0	—	0.0	—
Hyderabad	Nagarparker	000	0	8	05	92	97	02	0	042	87	8	6	6	0	0	75	03	—	—	0.0	—	0.0	—
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—			7
	Hyderabad	000	0	5	23	07	97	01	2	991	87	5	0	9	3	0	75	83	0	+ 2	0.0	— 1.2	0.1	9
	Badin	000	0	0	23	03	96	02	0	013	85	0	0	9	0	0	78	80	+ 3	— 1	0.0	— 2.2	0.0	—
Khairpur	Padidan	003	0	3	13	05	97	01	1	971	88	3	0	9	0	0	73	83	/	—	0.0	—	0.0	—
	Nawabshah	003	0	0	18	10	96	02	0	974	88	0	0	9	0	7	78	81	—	—	0.0	—	0.0	4
	Sukkur	000	0	0	23	05	96	02	0	967	86	0	0	9	0	0	77	82	—	—	0.0	—	0.0	—
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				4
	Jacobabad	000	0	0	09	07	96	02	0	972	87	0	0	9	0	0	79	85	— 3	0	0.0	— 0.5	0.3	20
Junagadh	Varav																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							3
	Dras **																							6
	Leh **																							—
	Skardu *																							—
	Misgar **																							51
	Aliabad *																							59
	Gilgit *																							
Rawalpindi	Murree *	000	0	8	11	05	94	49	1	423	69	9	/	0	/	/	58	62	+ 1	+ 3	3.7	— 4.2	22.4	48
Peshawar	Drosh *	030	0	0	00	00	99	02	0	439	76	0	0	9	0	0	54	//	— 3	0	0.7	—	11.8	29
	Cherat *	007	2	6	18	02	98	00	6	439	75	0	0	9	0	0	60	//	+ 1	/	0.2	— 1.0	95.3	—
	Kakul *	000	0	6	13	09	96	05	0	///	68	2	2	5	3	1	62	69	—	—	1.4	—	12.1	—
	Landikotal *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				29
	Prachinar *	020	0	0	00	00	97	02	0	433	73	0	0	9	0	0	58	62	— 8	— 4	1.1	— 0.3	12.0	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	452	86	0	0	9	0	0	73	81	—	—	0.3	— 1.2	1.7	11
	Wana *	003	0	0	08	00	99	00	0	436	81	0	0	9	0	0	73	75	—	—	0.0	—	3.5	11
Quetta	Fort Sandeman *	003	0	0	05	02	95	05	4	414	83	0	0	9	0	0	63	//	+ 3	+ 2	0.0	— 1.3	4.3	—
	Hindubagh *	000	0	0	00	00	97	02	0	433	80	0	0	9	0	0	41	66	—	—	0.0	—	3.3	9
	Loralai *	000	0	0	27	02	99	00	0	390	75	0	0	9	0	0	45	57	—	—	0.0	—	0.0	—
	Barkhan *																							14
	Harnai *	003	0	0	00	00	96	02	0	416	91	0	0	9	0	0	69	//	—	—	0.0	— 1.4	1.7	9
	Samungli (Quetta) *	000	0	0	00	00	96	05	0	423	77	0	0	9	0	0	46	63	—	—	0.0	— 0.2	2.6	8
	Chaman *	000	0	0	18	05	97	00	0	426	88	0	0	9	0	0	60	79	+ 1	+ 3	0.0	0.0	2.7	—
	Nushki *	003	0	0	90	03	97	02	0	483	93	0	0	9	0	0	79	80	—	—	0.0	—	0.0	4
	Dalbandin *	000	0	2	05	03	96	01	1	427	91	2	0	9	/	/	79	83	+ 1	+ 5	0.0	0.0	0.6	7
Kalat	Kalat *	000	0	0	18	02	97	02	0	425	78	0	0	9	0	0	56	63	0	+ 1	0.0	— 0.4	1.3	—
	Khuzdar *	000	0	1	27	02	96	02	0	422	83	1	5	6	0	0	67	79	—	—	2.0	—	1.1	5
	Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6					—

† 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

FRIDAY THE 11th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{...}$w W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR $t_Rt_Rt_R$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wc}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dwarka	99 2 43	10 6 34	10 1 23	81 7 05	58 0 20	99 0 28	81 5 31	23 7 10			05 4 27		30 2 01	18 9 04
Durmara	59 2 41	10 6 17	10 0 63	61 7 06	98 0 27	00 5 27	63 5 00	23 2 03			05 3 25		30 2 01	16 7 03

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels — Surface PoPoPo ToToTo DoDo	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 TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	002 267 22	...	410 174 //	088 094 40	583 037 27	753 141 45	966 127 55	244 517 //	...	..	..	...	...
Dacca ...	00 00	001 27/ //	...	460 162 39	068 090 56	580 051 57	753 143 56	967 271 58	246 491 //	...	..	..	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	997 293 39	...	490 224 57	146 150 56	594 016 17	767 141 //	980 261 //	264 455 //	...	..	..	...	...
Multan ...	00 00	981 318 58	...	350 383 59	063 166 //	580 051 //	750 171 //	961 265 01	245 453 //	...	..	..	...	...
Peshawar ...	00 00	997 290 59	...	400 274 60	140 164 59	591 031 60	766 071 63	985 191 //	276 381 //	...	..	..	...	...
Quetta ...														
Sargodha ...	00 00	984 264 57	...	480 214 59	/// 100 57	585 08/ //	751 171 //	962 271 //	.	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT Ta DD							Max. Wind Speed	TROPOPAUSE	
									PmPmPm dmdm fmfmfm	PtTtPtTtTtTt	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 200 11	800 150 24	601 078 25	351 271 50	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 210 40	800 138 50	600 044 57	350 197 56	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	..	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	..	...	...	...	...	...	...	...
Peshawar ...	00 03	...	...	...	...	.	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP – Pressure in hunderds 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.

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 Previous day (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	3.4	5.4	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	145 14	162 24	...	...	...	...	...	...	...	155 17	170 19	180 20	...	185 35	...	145 10	145 13	165 13	.	...	...	...	...	...	...	...
Chakla'a ...	...	230 09	235 08	290 02	325 03	275 04	255 11	270 15	270 15	...	057 09	070 06	340 03	255 06	285 05	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	220 21	225 22	230 19	235 25	...	...	..	..	...	230 43	230 48	230 47	...	...	...	215 23	215 24	225 17	...	...	...	...	...	...	...	...
Chittagong ...	165 13	170 15	115 20	185 21	...	...	...	...	...	...	...	...	...	...	...	145 10	170 17	155 15	160 17	230 15	...	...	...	...	...	...
Cox's Bazar ...	160 08	160 11	150 19	...	...	...	...	...	...	155 17	160 19	170 17	185 17	185 15	175 05	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	185 13	190 11	200 20	210 32	220 26	230 21	230 15	...	...	180 30	135 31	175 25	...	185 19	...	165 11	160 15	160 16	...	180 10	...	...	...	...	...	...
Dalbandin ...	...	...	215 05	215 10	265 17	270 25	270 19	...	305 12	...	...	065 07	040 12	050 13	185 32	...	...	065 06	085 10	090 09	020 08	275 09	270 11	265 06	...	...
D. I. Khan ...	020 11	025 10	035 07	105 07	115 08	210 13	...	...	...	070 10	105 07	185 03	290 04	295 03	245 13	150 13	005 10	070 06	345 03	275 03	...	...	...	...	...	...
Drosh ...	...	...	...	355 05	360 03	185 07	195 17	255 24	260 32	...	...	...	285 00	600 33	020 05	...	...	...	250 01	225 05	180 09	...	...	...	...	...
Fort Sandeman ...	...	...	...	280 05	285 07	250 07	275 18	270 20	250 18	...	...	...	335 01	280 07	320 12	...	...	...	275 02	286 02	305 02	320 10	302 19	295 24	...	...
Jacobabad ...	155 09	150 12	165 13	180 10	300 06	340 11	320 15	320 17	285 19	110 10	140 15	175 17	235 03	260 04	260 12	155 12	165 12	101 01	110 10	095 15	150 19	250 12	320 31	330 51	...	...
Jessore ...	150 18	110 22	085 21	195 27	...	...	...	...	...	175 18	180 17	190 16	190 15	270 13	190 08	115 10	145 13	160 17	165 18	...	...	...	...	...	...	...
Jhelum ...	330 03	330 03	300 57	270 08	255 06	315 02	295 13	310 19	...	115 12	135 14	070 07	005 04	320 09	280 17	095 07	110 15	095 21	085 13	305 06	300 12	...	...	...	...	...
Jiwani ...	185 11	000 03	000 04	325 17	320 19	310 17	180 09	165 09	160 07	115 05	150 //	...	.	...	...	100 08	090 06	315 10	...	...	...	...	...	...	...	...
Karachi ...	235 15	235 15	230 21	245 13	225 07	...	...	...	...	...	...	...	...	...	...	255 14	255 13	...	...	...	...	...	...	...	...	...
Khanpur ...	230 14	230 15	230 08	220 16	220 10	280 85	355 12	315 15	315 00	230 13	240 16	240 14	235 08	...	...	230 17	220 32	225 34	230 31	240 25	265 14	310 17	340 31	320 37	310 51	290 46
Lahore ...	115 01	220 02	205 03	210 04	220 05	...	...	...	...	120 10	160 10	235 08	295 09	...	...	035 17	020 15	015 08	360 07	...	...	...	...	...	...	...
Multan ...	110 07	200 05	215 06	275 03	335 05	...	...	...	...	210 11	225 20	245 13	295 05	315 06	...	175 08	185 01	205 09	205 07	220 07	225 06	310 17	290 17	290 17	...	...
Nawab Shah ...	205 15	215 13	265 09	050 50	050 08	180 09	350 05	020 07	015 06	210 16	210 10	210 09	160 07	130 07	110 10	205 08	295 02	310 03	225 03	335 02	070 08	320 09	..	...	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	245 13	215 05	155 01	115 04	240 04	320 15	290 23	...	...	280 05	360 04	254 03	290 07	300 15	...	045 06	060 03	180 03	295 05	315 09	285 17	260 24	245 31	...	...
Quetta ...	...	...	...	...	235 04	265 00	200 18	200 10	215 20	...	...	...	...	315 10	310 21	...	...	...	...	305 14	330 07	300 18	295 20	240 15	...	...
Sargodha ...	075 05	080 09	085 10	099 09	230 02	...	...	...	...	100 15	105 15	110 12	120 21	290 02	...	060 09	050 13	060 04	210 06	255 12	...	...	...	...	...	...
Sylhet ...	205 05	230 15	230 23	...	...	...	...	...	...	125 08	140 14	...	...	...	...	135 03	175 83	210 08	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	235 27	235 22	235 19	260 11	175 06	035 07	005 99	005 17	025 18	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

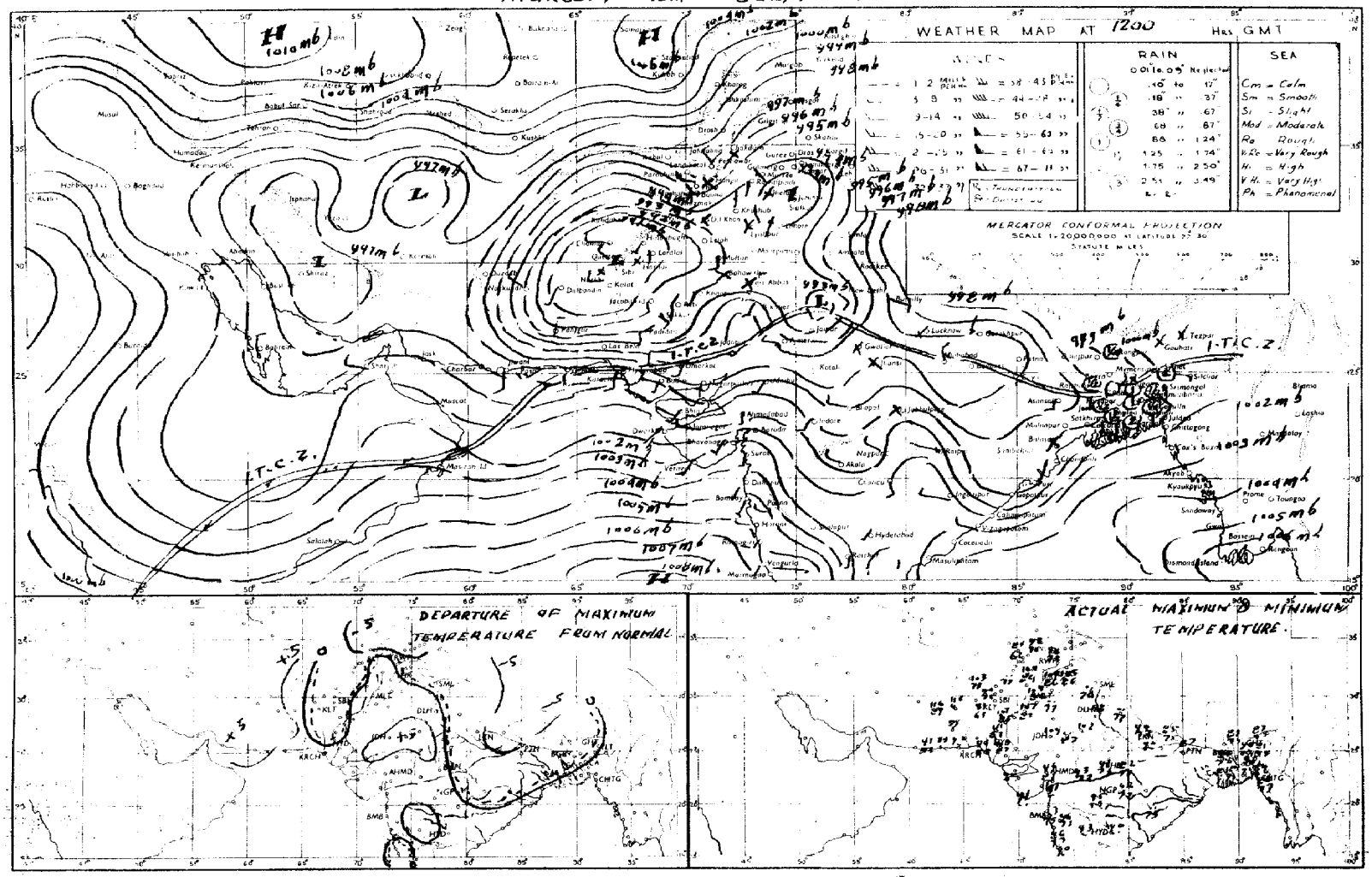
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port KARACHI-11

PAKISTAN DAILY WEATHER MAP

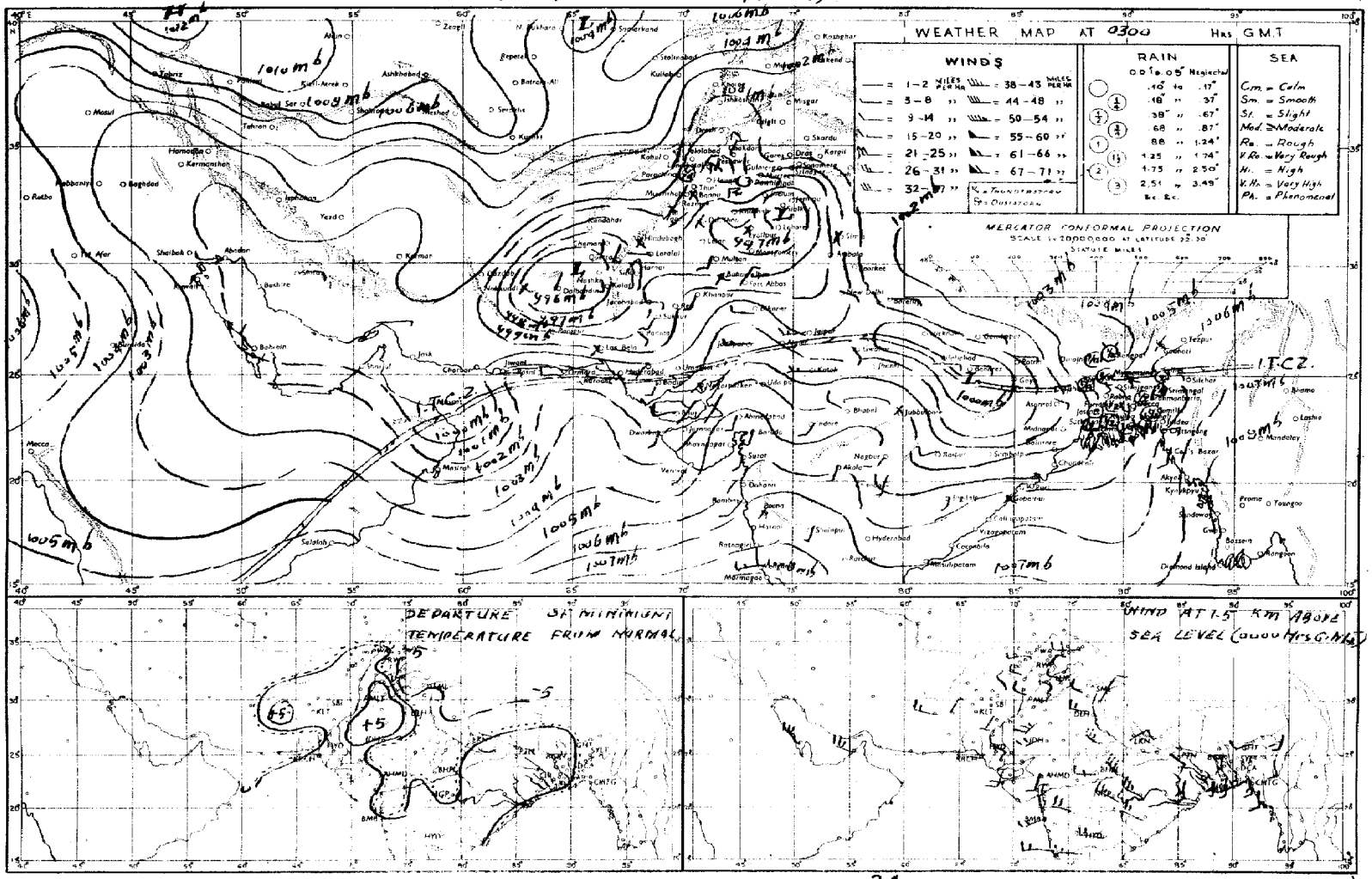
THURSDAY 10th JULY, 1969



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 11th JULY, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SATURDAY THE 12th JULY, 1969.

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

Monsoon trough has shifted southwards and extends from east Rajasthan to north Bay of Bengal. Rain/thundershowers have been local in Khulna division and scattered elsewhere over East Pakistan. A trough of low pressure lies over Sanrashtra. Scattered rain/thundershowers have occurred in Rawalpindi division. A few thunderstorms/light showers have occurred in Lahore and Peshawar divisions and a few falls of light rain also in Karachi and D. I. Khan divisions.

Chief amounts of rainfall are : Jhelum ¼", Srimangal and Barisal ½" each.

Day temperatures were 3—5 °F (2—3 °C) above normal in Chittagong, Rawalpindi, Multan, Bahawalpur, Peshawar, Quetta and Hyderabad divisions and 3—4°F (2°C) below normal in Rajshahi and Sargodha divisions.

Forecast valid until the evening of 13th July 1969 :— Local rain/thudershowers are likely to occur in East Pakistan, scattered in Lahore, Rawalpindi, Multan and Sargodha divisions and Kashmir. A few falls of light rain/drizzle may also occur in Karachi and Hyderabad divisions.

Karachi-11
The 12th July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 from †	High Cloud from †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths) °	Dry Bulb temperature	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum temperature	Rainfall: Since 1st June 1969 to date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	h	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	000	0	6	05	02	96	01	2	023	87	5	3	6	6	/	83	93	000	0	4	25	02	97	01	1	031	88	2	4	6	7	2	77	81	—	—	39.5	—	46.1	—
	Cox's Bazar	000	0	5	18	18	97	03	1	014	85	2	3	5	0	1	82	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					140
	Chittagong	000	0	7	20	12	97	02	2	016	90	3	3	5	2	1	77	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					108
	Maijdee Court	000	9	8	13	02	96	03	2	009	65	4	4	5	2	0	83	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					115
	Comilla	000	0	0	18	05	96	02	0	015	87	0	0	0	0	0	82	90	000	0	3	18	05	96	02	0	027	84	3	4	7	0	0	79	79	—	2	63.8	+39.6	83.0	94
	Srimangal	000	0	4	18	05	97	03	1	013	86	2	4	5	9	7	78	89	000	0	4	18	03	97	03	/	028	84	4	4	5	0	0	79	81	—	—	18.7	+ 0.2	30.4	78
	Brahmanbaria	001	4	6	00	03	56	03	6	011	87	4	3	4	3	0	78	88	001	9	6	00	00	96	02	2	032	84	4	4	5	7	0	79	//	—	/	45.8	—	83.7	—
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	026	9	4	00	00	96	02	6	040	81	0	0	9	7	2	76	77	—	+ 1	28.0	+ 3.4	49.4	98
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	91
Dacca	Mymensingh	000	0	7	13	00	97	02	2	037	87	7	5	5	0	0	80	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					
	Narsyngonj	000	0	3	18	03	96	03	1	003	87	2	6	6	3	1	78	87	000	0	8	13	05	97	03	2	021	90	8	6	3	/	/	79	81	—	2	18.6	+11.2	24.0	74
	Dacca (Tezgaon)	000	0	4	18	05	58	01	1	001	86	4	8	5	0	0	78	84	001	9	6	18	05	97	02	2	023	88	5	8	4	4	0	79	81	—	—	13.7	—	24.8	—
	Faridpur	010	0	4	18	03	97	02	6	996	85	3	5	5	1	0	80	93	010	0	8	16	03	97	03	2	027	84	4	4	5	4	0	79	79	+ 2	+ 1	16.4	— 1.2	30.1	71
Khulna	Barisal	020	6	8	05	//	//	/		005	85	5	8	4	0	1	82	86	020	2	4	13	02	97	02	2	021	86	4	4	5	0	0	81	79	—	1	18.1	— 3.2	30.0	81
	Khulna	000	0	4	00	00	97	03	0	001	85	2	3	4	0	1	81	90	000	0	4	00	03	97	03	0	010	86	2	2	4	0	0	84	81	/	+ 3	13.1	— 5.1	30.0	68
	Satkhira	007	0	6	18	02	97	01	0	988	83	2	3	5	0	1	80	90	010	0	6	18	02	97	01	0	018	90	2	0	9	0	4	82	81	+ 2	+ 3	10.1	— 7.0	15.8	65
	Jessore	015	1	6	21	06	97	17	9	988	85	4	3	3	2	8	78	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					65
Rajshahi	Pabna	000	0	5	18	02	98	01	2	993	85	3	8	6	0	3	80	91	000	0	5	13	05	98	03	1	014	88	5	8	6	0	0	82	82	—	0	11.2	—	25.0	59
	Sirajgan	000	0	6	18	03	97	01	1	000	86	2	6	7	4	0	80	87	000	0	4	18	02	98	02	2	023	84	4	2	6	0	0	73	81	—	1	17.0	— 0.0	23.6	64
	Rajshahi	004	9	7	13	03	95	03	6	995	84	2	4	5	/	/	78	91	004	0	6	13	03	95	03	1	021	84	6	5	5	/	/	79	81	+ 2	+ 3	17.0	+ 1.1	31.1	—
	Bogra	000	0	6	13	05	56	02	2	000	87	5	8	4	3	0	78	89	000	0	4	13	02	96	02	1	013	84	4	8	5	0	0	79	81	0	+ 2	14.6	— 4.0	25.6	69
	Dinajpur	009	0	7	09	05	96	02	/	994	86	2	4	6	2	/	76	87	009	3	5	09	02	96	01	1	016	84	5	0	9	2	/	79	79	—	+ 1	29.2	+ 8.6	52.2	72
	Rangpur	010	8	7	09	02	96	01	6	///	85	2	5	6	2	0	78	85	010	0	5	09	02	96	03	0	///	82	5	0	9	2	0	79	79	—	+ 1	32.6	+ 7.2	54.2	84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Lahore	Lahore (Jail Rd.)	000	0	0	11	02	95	06	1	943	98	0	0	9	0	0	64	00	000	6	1	09	03	96	01	9	988	88	1	0	9	3	0	40	82	—	0	0.7	— 3.0	5.3	19
	Sialkot	040	0	0	08	00	57	00	0	945	96	0	0	9	0	0	76	09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 11					32
Rawalpindi	Jhelum	045	6		09	01	58	02	9	934	92	0	0	9	0	0	80	96	045	0	0	05	02	97	02	0	001	88	0	0	9	0	0	76	76	—	—	1.6	—	11.2	—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	2				—
	Rawalpindi	000	0	1	00	00	99	03	0	943	91	/	/	/	/	/	68	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					36
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
Sargodha	Khushab	000	0	0	09	//	97	00	0	946	95	0	0	9	8	0	80	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	3				15
	Sargodha	000	0	1	09	07	97	03	0	911	98	0	0	9	0	1	73	00	000	0	3	09	07	96	06	0	992	88	0	0	9	0	2	79	84	—	—	1.7	—	5.7	—
	Lyallpur	000	0	0	00	00	97	80	0	928	00	0	0	9	0	0	73	05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					12
Multan	Sahiwal	000	0	3	13	03	97	02	0	919	05	1	0	9	3	2	73	07	000	0	1	00	00	94	05	0	973	//	1	0	9	0	3	76	88	+ 5	+ 3	6.0	— 4.6	29.0	10
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	36	00	99	00	0	962	82	0	0	9	0	0	77	//	—	/	0.0	—	0.0	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
Bahawalpur	Khanpur	000	0	3	23	05	96	03	0	919	07	2	0	9	3	1	70	09	000	0	0	20	35	96	02	0	974	88	0	0	9	0	0	74	82	+ 4	— 1	0.0	— 1.2	1.0	6
	Bahawalpur	000	0	0	00	00	96	00	0	918	05	0	0	9	9	0	58	07	000	0	0	23	02	95	02	0	///	99	/	0	9	0	0	76	90	+ 4	+ 6	0.1	— 1.0	1.3	6
	Fort Abbas	000	0	0	18	02	98	00	0	925	09	0	0	9	9	0	68	09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdra	001	2	7	23	09	97	25	9	946	87	7	3	9	7	6	72	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					
	Peshawar	000	0	4	05	03	96	06	1	923	00	/	1	9	6	4	67	02	000	0	0	05	03	96	06	1	991	88	1	0	9	3	0	67	82	—	0	0.0	— 0.6	9.4	11
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	03	97	33	3	997	88	0	0	9	0	0	68	76	—	—	0.4	—	10.5	—
D. I. Khan	Bannu	000	0	7	13	03	58	06	2	927	00	3	1	7	1	7	02	00	000	0	7	00	00	98	06	2	927	88	2	0	9	1	7	73	84	—	—	0.1	—	4.0	11
	D. I. Khan	000	3	8	03	25	97	03	5	964	87	0	0	7	2	0	59	02	000	0	0	05	02	98	00	0	971	88	0	0	9	0	0	77	86	—	2	0.3	— 1.2	2.7	9
Quetta	Sibi	000	0	0	23	03	97	02	0	908	16	0	0	9	0	0	72	17	000	0	6	13	02	96	03	1	966	94	6	5	6	0	0	39	90	—	—	0.0	—	0.3	5
	Nokkundi	000	0	4	86	02	56	02	1	893	12	4	5	6	0	0	45	50	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Kalat	Turbat	000	0	0	27	02	96	00	0	983	04	0	0	9	0	0	98	04	000	0	0	18	02	96	00	0	984	86	0	0	9	0	0	79	//	—	/	0.0	—	0.2	—
	Jiwani	000	0	1	18	10	96	01	0	974	89	1	6	5	0	0	76	91	000	0	8	13	05	96	02	2	994	86	8	6	5	0	0	77	84	—	/	0.0	—	2.0	3
	Pasni	000	0	0	25	12	97	02	0	958	91	1	0	0	0	0	77	93	000	0	4	11	04	97	02	2	999	85	4	0	9	0	0	76	80	+ 1	+ 2	0.0	— 0.4	0.0	6
Karachi division	Ormara	000	0	1	27	05	96	02	2	980	90	1	6	6	0	0	83	//	000	0	7	27	05	96	02	2	///	85	7	6	7	0	0	84	//	—	/	0.0	— 0.1	0.6	6
	Lasbela	000	0	3	13	05	97	C0	0	953	01	6	6	8	0	0	77	05	000	0	0	00	00	98	00	2	991	85	1	0	6	4	0	78	78	—	—	0.0	—	0.0	8
	Karachi (Manora)	000	0	6	25	07	97	03	0	980	90	6	6	4	0	0	77	91	000	0	7	27	07	97	01	2	992	86	1	0	6	4	3	80	85	+ 2	+ 4	0.0	— 1.6	0.1	8
	Karachi (Airport)	000	0	3	27	14	96	01	1	979	89	3	6	5	0	0	77	93	000	4	7	27	07	96	02	5	995	84	7	6	5	0	0	77	82	—	—	0.0	—	0.0	
Hyderabad	Nagarparker	000	0	8	05	02	97	02	0	042	87	8	6	6	0	0	75	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
	Chhor	000	0	0	23	16	96	07	0	955	99	0	0	9	0	0	72	01	000	0	1	23	07	97	03	0	982	87	1	0	9	2	0	76	83	+ 2		0.0	— 1.3	0.1	9
	Hyderabad	000	0	0	23	09	97	02	0	959	98	0	0	9	0	0	74	01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					
	Badin	000	0	0	23	08	96	02	0	992	98	0	0	9	0	0	77	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					
Khairpur	Padidan	000	0	1	13	07	97	01	0	928	11	1	0	9	3	0	65	11	000	0	0	13	05	97	02	0	969	87	0	0	9	0	0	75	82	—	—	0.0	—	0.0	—
	Nawabshah	000	0	0	18	21	96	02	0	940	05	0	0	9	0	0	77	10	000	0	0	18	12	96	02	0	962	87	0	0	9	0	0	79	80	—	—	0.0	—	0.0	4
	Sukkur	000	6	0	23	03	96	02	0	916	06	0	0	9	0	0	77	10	000	0	0	23	05	96	02	0	965	88	0	0	9	0	0	77	82	—	—	0.0	—	0.0	—
	Kashmore	003	0	0	18	03	98	02	0	939	04	0	0	9	0	0	74	06	000	0	0	18	02	98	02	0	976	86	0	0	9	0	0	73	94	—	—	0.0	—	0.0	4
	Jacobabad	000	0	0	18	05	97	02	0	911	09	0	0	9	0	0	82	09	000	0	0	09	05	96	02	0	974	89	0	0	9	0	0	77	84	0	—	0.0	— 0.6	0.3	20
unagadh	Veray	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26
Kashmir	HILL STATIONS																																								
	Srinagar *	...																																						71
	Gulmarg ***	...																																						26
	Sonamarg	...																																						3
	Dras ***	...																																						6
	Leh ***	...																																						—
	Skardu	...																																						5
	Misgar ***	...																																						59
	Aliabad	...																																						
	Gilgit *	...																																						
Rawalpindi	Murree	000	0	4	36	05	98	01	1	414	78	4	1	4	0	0	64	78	000	0	2	00	00	98	01	1	442	72	0	0	9	8	0	58	61	+ 4	+ 2	3.7	— 4.6	22.4	18
Peshawar	Drosh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	02	0	437	72	0	0	9	9	0	47	//	—	/	0.6	—	11.8	29
	Chitral *	000	0	3	18	02	98	01	0	433	97	2	0	7	3	0	//	02	000	0	0	18	02	98	00	0	470	76	0	0	9	9	0	72	//	+ 4	/	0.2	— 2.1	9.5	—
	Kakul	000	0	0	18	07	94	02	0	407	87	0	0	5	0	0	58	91	000	0	0	18	02	98	02	0	443	81	0	0	9	9	0	61	70	—	—	1.4	—	12.1	—
	Landikotal *	000	0	0	05	06	98	02	0	402	93	0	0	9	0	0	70	93	000	0	0	31	05	98	02	0	456	81	0	0	9	9	0	76	//	—	/	0.0	—	10.5	29
	Prachinar *	000	4	7	00	00	97	17	9	431	83	5	9	6	3	0	59	82	000	0	1	00	00	97	02	9	445	76	1	0	9	3	0	50	72	—	5	1.1	—	11.7	13
D.I. Khan	Miranshah *	000	0	4	05	05	98	02	0	403	96	4	0	9	0	0	64	98	000	0	0	05	05	99	00	0	428	86	0	0	9	0	0	63	86	—	—	0.3	— 1.2	1.7	11
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
Quetta	Fort Sandeman *	000	5	3	27	02	98	03	0	381	01	2	0	7	3	0	//	02	000	0	0	36	02	97	02	4	424	85	0	0	9	9	0	58	78	+ 2	—	0.0	— 1.4	4.3	—
	Hindubegh	000	0	0	23	03	94	05	0	367	99	0	0	9	0	0	59	//	000	0	0	00	00	97	02	0	430	81	0	0	9	9	0	42	67	—	—	0.0	—	3.3	9
	Loralai	000	0	0	25	02	98	00	0	399	//	0	0	9	0	0	45	04	000	0	0	27	02	98	00	0	380	80	0	0	9	0	0	55	//	—	/	0.0	—	0.0	—
	Barkhan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14
	Harnai *	000	0	0	00	00	96	02	0	393	05	0	0	9	0	0	57	06	000	0	0	13	03	96	02	0	408	94	0	0	9	9	0	64	//	—	—	0.0	— 1.4	1.7	9
	Samungli (Quetta) *	000	0	1	31	14	96	03	0	400	96	1	0	9	3	0	45	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
	Chaman *	000	0	0	36	05	97	00	0	396	02	0	0	9	0	0	67	05	000	0	0	18	15	97	00	0	387	96	0	0	9	9	0	54	83	+ 3	+ 7	0.0	0.0	2.7	—
	Nushki *	000	0	0	36	05	97	02	0	463	07	0	0	9	0	0	92	10	000	0	0	//	//	//	//	//	481	92	0	0	9	9	0	78	85	—	—	0.0	—	0.0	4
	Dalbandin *	000	0	4	36	03	96	03	1	414	08	0	0	9	3	0	45	11	000	0	4	05	05	96	03	1	415	95	4	0	9	9	4	0	41	85	+ 2	+ 7	0.0	—	0.6	7
Kalat	Kalat *	000	0	1	29	02	97	02	1	400	88	0	2	9	0	0	53	91	000	0	0	18	02	97	02	0	418	76	0	0	9	0	0	57	64	—	0	0.0	— 0.4	1.3	—
	Khuzdar *	000	0	5	18	12	96	03	0	388	97	0	5	2	6	0	23	05	000	0	0	23	05	96	03	0	413	84	0	0	9	0	0	57	65	—	+ 2	0.0	—	4.3	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 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

SATURDAY THE 12th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_sL_s$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t$_R$t$_d$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{w'}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dumra	99 2 39	10 6 70	11 1 83	01 9 07	98 0 20	03 6 29	00 9 00	23 2 11			05 0 27		30 3 02	19 7 03
Koss Mateli	99 2 15	10 6 22	11 4 23	62 1 06	97 0 31	98 8 26	43 5 42	...			0 / / 23	13 0 04	30 2 01	19 8 08

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PoPoPo ToToTo DoDo	1000 mb hhh TTTa DD	850 mb hhh TTTa DD	700 mb hhh TTTa DD	500 mb hhh TTTa DD	400 mb hhh TTTa DD	300 mb hhh TTTa DD	200 mb hhh TTTa DD	150 mb hhh TTTa DD	100 mb hhh TTTa DD	70 mb hhh TTTa DD	50 mb hhh TTTa DD	30 mb hhh TTTa DD
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ..	00 00	C00 272 15	...	420 194 18	07 / 108 12	585 033 17	...	...	...	...	...	...	...	...
Dacca ..	00 00	001 290 20	...	430 178 22	175 086 56	590 049 48	763 137 50	978 247 62	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	995 284 21	...	400 204 55	033 064 70	569 125 / /	735 225 / /	943 295 / /	...	...	...	...	...	...
Multan ...	00 00	983 306 57	...	400 /10 65	023 030 / /	564 161 / /	725 335 / /	918 551 / /	...	...	...	...	...	...
Peshawar ...	00 00	958 290 60	...	400 264 60	093 180 63	585 C45 / /	758 117 / /	975 211 / /	264 385 / /	...	...	...	...	...
Quetta ...				...										
Sargodha ...	00 00	986 304 58	...	550 245 59	180 140 55	590 051 / /	762 165 / /	973 291 / /	255 421 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT Ta DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	TROPOPAUSE dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	C0 00	900 212 10	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 210 20	800 150 40	600 024 47	350 191 61	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00												
Sargodha ...													

PPP—Pressure in hunderds tens and units of millibars.
DD—Dew point depression.

hhh—(heights) Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	155 20	165 17	160 15	...	...	...	...	...	...	...	100 00	130 17	160 09	105 03	325 09	140 04	140 07	140 08	145 11	...	...	...	...	...	...	...
Chaki'a'a ...	...	170 03	150 04	345 02	250 05	320 07	315 10	305 27	285 51	...	240 35	235 44	205 20	085 17	...	145 04	145 00	035 03	330 05	340 C8	320 12	335 09	260 08	...	...	...
Chhor ...	235 19	225 19	220 16	255 03	080 05	055 11	010 10	015 06	...	230 27						215 18	215 17		225 12	...	...	...	...	...	...	...
Chittagong ...	190 09	150 10	190 10	180 19	175 27		...	...	...	165 C6	170 6/	180 06	190 07	210 08	230 11	175 06	170 07	150 06	160 06	180 04	145 06	...	...	...	...	...
Cox's Bazar ...	180 17	118 08	180 15	180 01	105 09	160 08	111 //	140 15	...	150 6/	165 19	165 17	...	10 25	...	180 07	150 05	160 06	...	140 04	...	100 / /	...	105 09	...	...
Dacca ...	170 08	170 12	180 15	180 16	170 14	200 10	175 10	160 07	110 C8							130 03	160 05	...			...		...	...	...	...
Daibandin ...		...	320 02	335 05	245 06	335 02	170 06	250 04	...	...	...	010 09	095 11	085 19	120 13	...	...	080 07	080 11	105 11	130 12	075 10	180 13	185 13	...	...
D. I. Khan ...	135 17	130 12	110 07	...	...	...	...	...	...	105 11	110 09	075 09	...	...	...	085 05	065 05	100 04	095 0/	...	...	...	...	...	...	...
Drosh ...	...	...	...	245 12	225 11	140 06	345 07	320 5/	...	...	...	...	200 01	285 20	355 01	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	275 15	275 07	235 11	245 13	280 22	275 32	...	...	...	360 03	360 04	280 07	...	...	...	315 03	335 06	330 05	310 08	300 07	245 06	...	...
Jacobabad ...	165 14	170 12	140 08	090 05	050 04	360 11	351 50	310 14	305 19	100 13	130 19	125 10	070 7/	215 02	220 16	115 13	100 16	070 16	090 16	105 16	100 12	070 12	075 04	070 05	...	...
Jessore ...	170 70	180 08	150 07	...	...	...	...	...	...	170 17	151 4/	185 14	170 08	185 08	...	160 10	160 11	155 12	155 11	160 10	180 11	...	...	...	...	...
Jhelum ...	190 03	160 07	200 01	...	...	...	...	...	...	...	...	...	...	...	...	110 03	124 07	125 07	225 05	330 09	330 13	005 14	350 13	350 12	...	...
Jiwani ...	180 08	065 05	360 08	330 08	340 07	350 12	150 12	145 20	080 C6	220 03	270 01	...	...	...	...	095 06	055 03	...	...	...	...	...	...	...	...	...
Karachi ...	240 20	235 17	235 14	270 08	285 03	100 05	095 09	015 10	0 0 15							240 06	255 13									
Khanpur ...	2 0 15	205 10	210 16	215 19	240 27	270 24	015 17	312 0/	280 33	225 C6	220 C8	220 05	225 05	250 06	275 14	210 17	210 17	205 14	200 11	125 17	130 33	095 12	025 17	010 23	...	...
Lahore ...	C80 09	090 09	100 85	240 7/	270 10	300 17	330 21	275 19	...	130 13	155 15	275 15	180 09	165 07	235 06	100 10	110 09	115 07	120 06	090 04	360 08	310 17	290 17	340 21	...	...
Multan ...	195 06	180 07	180 C8	105 05	335 05	315 05	315 21	305 17	...	070 C8	005 02	345 02	305 C8	285 06	300 10	360 02	010 03	095 03	...	...	...	...	...	...	...	...
Nawab Shah ...	...	...	...	...	...	...	...	...	...	215 15	220 15	210 18	160 05	140 04	055 07	210 02	010 05	305 03	300 02	330 C5	010 05	075 05	125 09	165 04	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	055 12	100 11	170 08	200 11	315 10	300 24	275 21	300 37	...	325 11	200 07	165 07	175 05	285 07	...	300 05	005 03	C80 02	825 03	295 09	280 09	245 14	220 10	...	...
Quetta ...	...	...	...	...	340 17	330 43	315 38	300 19	295 19	...	...	...	...	230 01	280 16	...	...	...	...	040 58	300 08	300 / /	280 09	255 10	...	...
Sargodha ...	100 07	100 09	180 03	270 04	310 06	235 12	330 21	275 24	260 24	...	...	...	...	...	...	065 0/	085 10	100 11	130 06	C35 C6	330 13	...	...	...	...	...
Sylhet ...	095 05	085 03	195 06	191 5/	200 11		...	...	...	185 06	195 04	205 05	225 04	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ..																		
Karachi ...	235 18	235 18	265 17	265 14	265 05	185 06	015 14	035 11	050 19	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

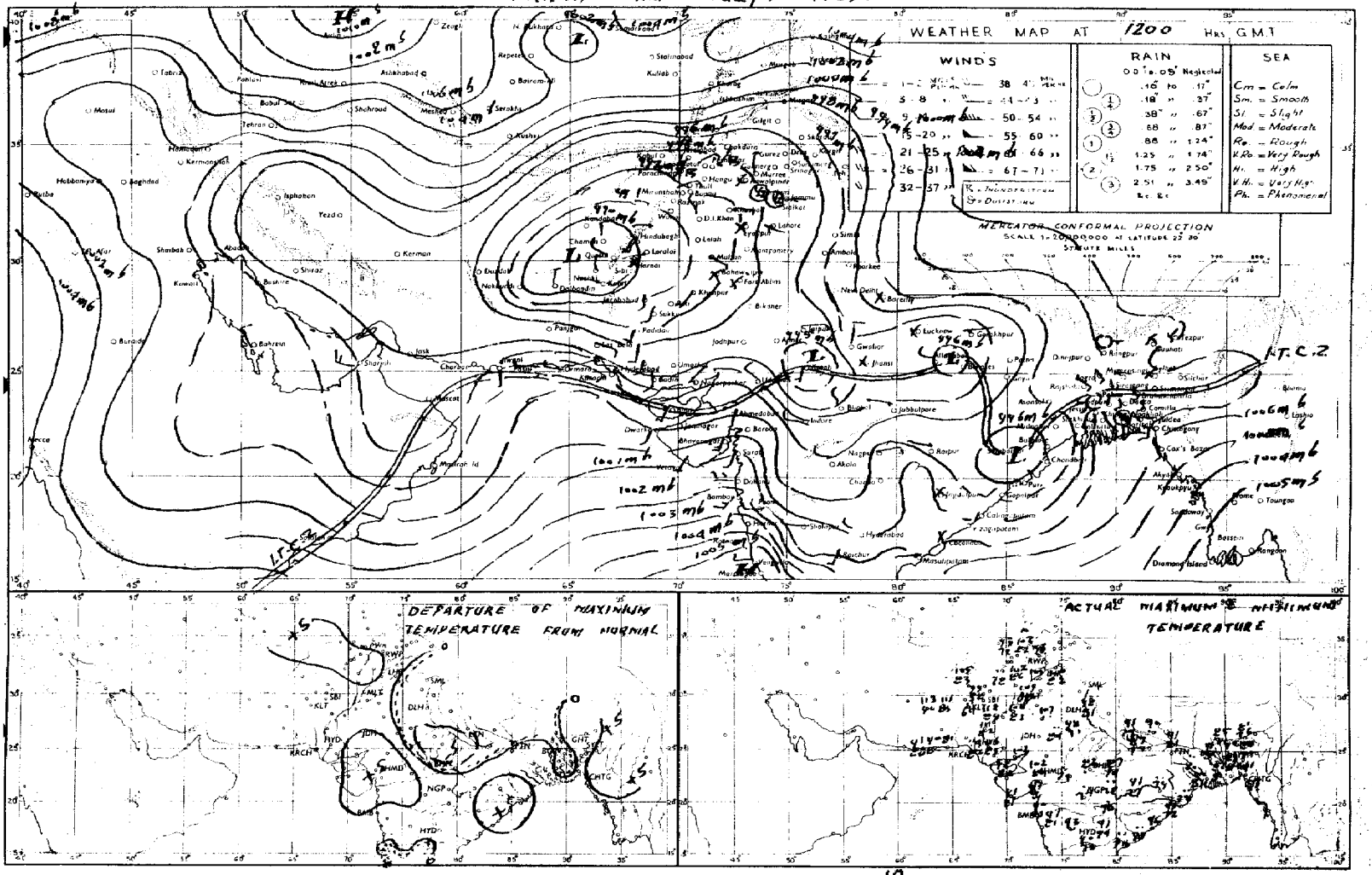
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
ff Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

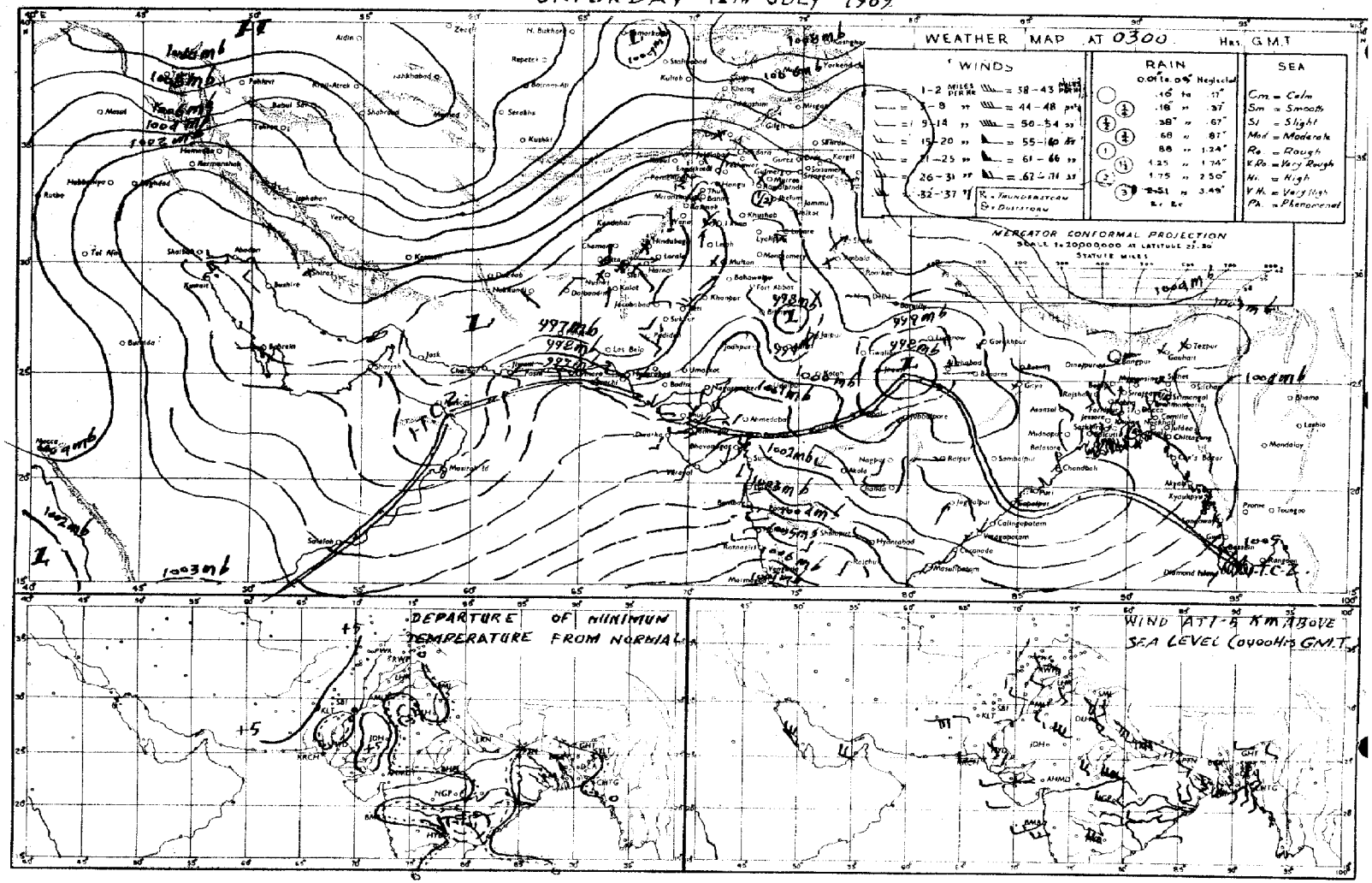
FRIDAY 11th JULY, 1969.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 12th JULY 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 13th JULY, 1969.

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

Observations lacking but believe a well marked area has developed over centrel and adjoining North Bay of Bengal. Rain/thundershowers have been local in Chittagong and Khulna divisions and scattered in Dacca and Rajshahi divisioni. The trough of low pressure over Sanrashtra persists. Scattered thundershowers occurred in Quetta and Kalat divisions. A few dust thunderstorm/showers also occurred in Peshawar, Sargodha and Multan divisions.

Chief amounts of rainfall are : Sylhet 1½", Satkhira 1½" (upto 0000Z) Mymensingh, Pabna (upto 1200 G.M.T.) ½" each, Khuzdar and Fort Sandeman ¼" each.

Day temperatures were 3—5 °F (2—3 °C) above normal over Chittagong, Khulna, Peshawar, Rawalpindi and Hyderabad divisions.

Forecast valid until the evening of 14th July 1969 :—Local rain/thudershowers in East Pakistan, scattered in Lahore, Multan, Rawalpindi, Kashmir. A few falls of light rain/drizzle in Karachi and Hyderabad divisions.

Karachi-11
The 13th July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	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 Clud † Nh	Low Clod from † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud from † 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	7	23	02	97	55	9	003	87	5	3	5	7	/	77	91
	Cox's Bazar	000	0	7	18	12	96	03	0	996	85	5	3	4	6	/	82	87
	Chittagong	000	0	7	18	05	96	07	2	998	.5	6	3	4	3	0	79	90
	Maijdee Court	000	9	2	18	02	97	01	0	993	86	2	2	5	0	0	77	87
	Comilla	000	0	0	00	00	96	02	0	993	87	0	0	9	0	0	78	91
	Brahmanbaria	000	0	5	18	02	97	03	1	988	87	7	4	5	0	7	80	91
	Sylhet	000	0	5	03	00	96	02	2	967	86	5	4	5	2	/	79	91
	Srimangal	025	9	4	09	05	.6	02	6	994	86	2	5	5	7	/	82	91
Dacca	Mymensingh	068	3	6	00	00	96	02	6	988	82	6	5	4	0	0	7?	90
	Narayanganj	000	0	3	13	01	96	02	1	987	90	3	6	6	3	1	75	90
	Dacca (Tezgaon)	000	0	6	18	05	97	02	2	984	87	3	8	5	0	3	80	91
	Faridpur	000	0	4	16	01	97	02	2	993	86	3	5	6	1	0	77	93
Khulna	Barisal	003	0	7	13	03	97	02	2	985	87	5	4	5	0	2	72	90
	Khulna	000	0	4	00	00	97	03	0	987	87	2	2	4	0	0	//	91
	Satkhira	003	0	6	18	03	97	01	0	998	83	2	3	9	2	0	80	91
	Jessore	014	4	6	18	03	97	02	9	978	87	4	5	4	0	1	80	91
Rajshahi	Pabna	055	5	4	13	02	98	01	9	968	87	2	2	6	0	8	81	91
	Sirajganj	000	0	/	//	//	97	02	2	970	87	4	4	6	0	0	80	90
	Rajshahi	002	1	6	13	02	55	03	6	980	86	6	5	5	/	/	81	91
	Bogra	000	0	6	13	03	96	02	2	977	87	2	2	5	2	8	81	91
	Dinajpur	000	9	5	09	02	96	02	2	972	87	5	0	9	2	/	81	90
	Rangpur	000	4	0	00	00	96	01	2	977	90	4	0	9	1	0	81	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	36	02	96	01	0	928	03	1	0	9	0	0	73	03
	Sialkot																	
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	924	00	0	0	9	0	0	72	00
	Islamabad	000	0	7	27	02	96	03	0	///	98	1	2	5	6	4	56	98
	Rawalpindi	000	0	5	18	02	98	03	2	924	98	0	0	9	9	0	73	00
	Campbellpur																	
Sargodha	Khushab	000	0	0	13	//	97	00	0	933	00	0	0	9	0	0	87	03
	Sargodha	000	0	1	13	03	96	06	0	929	03	1	0	9	3	0	76	03
	Lyallpur	000	0	4	36	01	96	02	0	928	03	0	0	9	4	0	70	05
Multan	Sahiwal	000	0	9	27	25	90	31	0	924	00	9	/	0	/	/	70	00
	Multan	000	0	0	36	00	95	00	0	944	05	0	0	9	0	0	75	05
	Leiah																	
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	926	08	0	0	9	0	0	70	10
	Bahawalpur	000	0	0	00	00	96	00	0	930	05	0	0	9	0	0	64	10
	Fort Abbas	000	0	0	31	02	98	00	0	///	//	0	0	9	0	0	97	//
Peshawar	Chakdra	000	0	3	23	02	97	03	0	904	98	3	0	9	0	9	85	00
	Peshawar	000	0	7	36	02	96	06	1	919	96	5	3	6	3	0	73	03
	Haripur	000	2	6	23	05	97	00	/	917	00	6	0	9	7	9	66	03
D. I. Khan	Bannu	000	3	7	05	25	98	07	3	976	90	3	2	7	1	7	70	03
	D. I. Khan	000	3	0	05	02	98	03	5	936	78	0	0	9	0	0	70	01
Quetta	Sibi	000	0	0	18	03	97	02	0	929	14	0	0	9	0	0	68	15
	Nokkundi	000	0	4	31	07	96	03	0	885	07	4	5	6	0	0	54	12
Kalat	Turbat	000	0	0	23	02	96	00	0	983	06	0	0	9	0	0	88	06
	Jiwani	000	0	2	18	19	96	02	1	958	90	2	6	5	0	0	77	91
	Pasni	000	0	0	25	10	//	//	/	959	//	0	0	0	0	0	78	94
Karachi division	Ormara	000	0	1	27	16	96	04	4	964	90	1	6	6	0	0	85	93
	Lasbela																	
	Karachi (Manora)	000	0	2	25	09	97	03	0	961	90	2	6	4	0	0	80	92
	Karachi (Airport)	000	0	4	23	10	96	01	2	963	90	4	6	5	0	0	75	92
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	916	04	0	0	6	0	0	79	04
	Chhor																	
	Hyderabad	000	0	0	23	10	97	02	0	940	99	0	0	9	0	0	77	02
	Badin	000	0	0	23	08	96	02	0	969	98	0	0	9	0	0	74	00
Khairpur	Padidan	000	0	0	18	05	97	02	0	912	09	0	0	9	0	0	69	10
	Nawabshah	000	0	0	13	03	96	02	0	920	09	0	0	9	0	0	77	10
	Sukkur	000	0	0	13	03	96	02	0	920	06	0	0	9	0	0	77	07
	Kashmore	000	0	0	18	02	98	02	0	932	05	0	0	9	0	0	//	07
	Jacobabad	000	0	0	09	05	97	02	0	921	06	0	0	9	0	0	77	07
Junagadh	Verav																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Drass **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	5	29	03	97	02	1	404	77	5	1	4	0	0	63	79
Peshawar	Drosh *	000	0	1	27	03	99	01	0	371	00	1	1	7	0	0	40	04
	Cherat *	000	0	7	18	02	//	03	0	411	87	7	3	5	0	0	73	94
	Kakul *	000	0	6	20	37	97	05	1	403	87	5	4	5	2	0	58	91
	Landikotal *	000	0	8	05	05	94	03	2	395	90	8	7	6	/	/	52	96
	Prachinar *	000	3	4	00	00	97	29	9	426	76	3	4	6	4	0	54	83
D.I. Khan	Miranshah *	014	0	8	-05	05	96	06	0	423	86	8	0	9	0	0	54	96
	Wana *	000	0	0	00	00	99	03	1	440	90	0	0	0	0	0	79	94
Quetta	Fort Sandeman *	001	7	6	09	10	97	20	1	389	//	5	4	7	2	0	47	98
	Hindubagh *	000	0	0	20	03	94	05	0	372	92	0	0	9	0	0	48	99
	Loralai *	000	0	4	27	04	98	01	0	359	96	0	1	8	0	0	35	//
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	377	00	0	0	9	0	0	61	03
	Samungli (Quetta) *	000	0	4	36	05	98	02	0	377	98	3	4	7	2	0	74	01
	Chaman *	000	0	8	67	//	97	00	0	403	07	0	0	9	0	0	56	03
	Nushki *	000	0	3	27	05	97	02	0	474	08	0	0	9	0	0	94	10
	Dalbandin *	000	0	6	31	07	96	02	1	404	07	6	9	7	0	0	52	09
Kalat	Kalat *	000	0	7	23	03	95	17	1	391	83	0	8	9	0	0	61	93
	Khuzdar *	030	3	8	13	05	97	03	9	410	85	2	5	6	2	0	67	97
	Panjgur *																	

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

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wc	Total clud amount N	Wind direction in tens of degrees dd	Wind speed in konts ff	Horizontal visiblity † VV	Present weather † ww	Past Weather W	Sea level pressure (mbs. and tenths) * PPP	Dry Bulb temperature TT	Amounts of Lowest Cloud † h	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, 1969 to-date	Rainfall Departure from normal	Rainfall Since 1st January, 1969 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	000	0	7	23	05	97	02	2	030	84	4	3	4	7	0	80	77	+ 1	+ 2	—	—	—	140
	Chittagong	009	9	7	09	02	97	02	6	031	82	2	4	4	2	0	79	79	+ 4	+ 2	—	—		108
	Maijdee Court	.	.																+ 1					115
	Comilla	000	0	3	18	05	96	09	0	037	85	3	4	7	0	0	77	77	+ 3	— 1	63.8	—41.2	83.0	94
	Brahmanbaria	000	0	6	13	03	96	03	/	031	82	6	5	5	0	0	77	78	—	—	18.7	— 0.3	30.4	78
	Sylhet	160	9	8	00	00	96	95	9	014	77	6	3	2	2	/	77	76	—	—	47.4	—	85.3	—
	Srimangal	052	9	9	00	00	96	02	6	031	78	0	0	9	7	2	77	76	+ 1	0	28.5	+ 3.5	49.9	98
Dacca	Mymensingh	068	9	6	00	00	97	50	2	037	82	6	5	4	0	0	80	80	+ 2	+ 2	—	—	—	91
	Narayanganj	...	...	...	...	...	...	...	...										+ 1					74
	Dacca (Tezgaon)	000	0	8	13	02	97	02	2	026	82	5	7	3	7	/	80	82	—	—	13.7	—	24 8	—
	Faridpur	000	0	8	18	02	97	02	2	021	85	6	4	5	1	0	83	80	+ 2	+ 2	16.4	— 1.6	30.1	71
Khulna	Barisal	...	...	...	...	...	...			...									+ 3					81
	Khulna	000	0	5	00	00	97	03	0	010	85	2	2	4	0	0	82	82	+ 3	+ 4	13.1	— 5.6	30 0	68
	Satkhira	000	0	6	10	05	97	01	0	019	86	2	3	9	0	1	83	81	+ 3	+ 3	10.5	— 7.5	15.8	65
	Jessore	015	9	8	13	03	97	02	9	019	85	6	6	3	2	/	83	82	—	—	—		—	65
Rajshahi	Pabna	053	0	6	13	02	98	03	1	021	85	3	6	6	7	0	81	77	—	—	11.8	—	25.5	59
	Sirajganj	000	0	8	18	01	58	02	2	025	85	8	0	7	1	0	81	82	+ 2	+ 4	17.0	— 0.3	23.6	64
	Rajshahi	002	9	5	09	02	96	03	1	019	87	3	5	5	3	/	80	81	+ 2	+ 2	17.1	+ 0.7	31.1	—
	Bogra	000	0	7	18	03	96	01	2	024	85	4	5	4	2	0	81	82	+ 2	+ 3	14.6	— 4.3	25.6	69
	Dinajpur	000	3	5	09	02	96	01	1	018	87	5	0	9	2	/	//	82	+ 1	+ 4	29.2	+ 8.2	52.2	72
	Rangpur	000	0	7	13	02	96	03	2	024	85	7	5	6	0	0	80	80	+ 2	+ 2	32.6	+ 6.7	51.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	16	03	96	02	0	976	91	0	0	9	0	0	75	87	+ 3	+ 7	0.7	— 3.2	5.3	19
	Sialkot																							32
Rawalpindi	Jhelum	000	9	0	00	00	97	01	1	977	91	0	0	9	0	0	73	82	—	—	1.6	—	11.2	—
	Islamabad	...	...									...	...	...		...		...	—					—
	Rawalpindi	000	0	0	00	02	97	00	2	978	87	0	0	9	0	0	70	79	+ 2	+ 2	1.1	— 4.0	10.6	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	03	00	96	//	/	975	85	2	2	9	4	0	79	79	0	— 3	0.0	— 2.7	3.4	15
	Sargodha	003	7	6	05	02	96	06	9	976	86	2	9	6	3	1	73	78	—	—	1.8	—	5.7	—
	Lyallpur	000	9	4	36	02	96	02	9	964	91	4	3	8	0	0	79	82	+ 3	0	0.2	— 2.3	3.2	12
Multan	Sahiwal	000	0	0	00	00	96	05	0	965	90	0	0	9	0	0	75	86	— 2	+ 1	6 0	+ 4.6	9.0	10
	Multan	000	0	0	36	00	93	00	0	947	//	0	0	9	0	0	77	85	—	—	0 0	—	0.0	7
	Leiah																							8
Bahawalpur	Khanpur	000	9	0	09	00	95	06	3	960	90	0	0	9	0	0	72	85	+ 5	+ 2	0.0	— 1.3	1.0	6
	Bahawalpur	000	0	0	00	00	94	00	0	950	91	0	0	9	0	0	70	85	+ 7	+ 1	0.1	— 1.0	1.3	6
	Fort Abbas	000	0	0	23	02	98	00	0	947	98	0	0	9	0	0	80	79	/	—	0.0	—	0.2	8
Peshawar	Chakdra	000	0	2	05	02	97	01	0	964	82	2	1	7	0	0	52	76	—	—	0.5	—	9.8	—
	Peshawar	000	0	1	27	02	96	06	0	983	85	1	0	9	3	0	82	77	+ 1	— 3	0.0	— 0.7	9.4	11
	Haripur	003	0	0	05	02	98	33	3	002	87	0	0	9	0	0	66	77	—	—	0.4	—	10.5	—
D. I. Khan	Bannu	003	0	7	27	01	98	02	1	984	85	1	1	8	3	7	68	76	—	—	0.1	—	4.0	11
	D. I. Khan	...	...	...	...	...	...	...	...			...	...	...	...	...	...	...	—	—	—	—	—	9
Quetta	Sibi	000	0	6	18	03	97	03	1	958	92	6	0	9	4	2	62	89	—	—	0.0	—	1.1	5
	Nokkundi	000	0	/	01	14	96	03	1	939	91	7	5	6	0	0	2/	89	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	18	02	96	00	0	958	86	0	0	9	0	0	79	//	—	/	0.0	—	0.2	—
	Jiwani	000	0	6	00	00	96	03	2	979	85	6	6	5	0	0	77	83	—	—	0.0	—	2.0	5
	Pasni	000	0	4	25	06	97	02	0	983	83	4	0	9	0	0	//	80	+ 2	+ 2	0.0	— 0.4	0 0	6
Karachi division	Ormara	000	0	1	00	00	96	02	2	999	86	1	6	6	0	0	83	//	—	/	0.0	— 0.2	0.6	6
	Lasbela																							8
	Karachi (Manora)	...	...	...	...		...	...	...		...	...			...			...	+ 3					8
	Karachi (Airport)	000	0	4	27	03	96	01	2	980	86	4	0	9	2	0	77	83	—	—	0.0	—	0.0	—
Hyderabad	Nagarparker	000	0	8	05	02	97	02	0	930	87	6	8	6	0	0	80	84	—	—	0.0	—	0.0	—
	Chhor																							
	Hyderabad	000	0	5	23	05	97	03	1	978	87	1	0	9	3	1	77	83	+ 3	+ 2	0.0	— 1.5	0.1	7
	Badin	003	0	6	23	02	96	03	0	011	85	0	0	9	0	6	76	82	+ 5	+ 1	0.0	— 2.3	0.0	9
Khairpur	Padidan	000	0	3	13	05	97	02	0	968	88	3	0	9	4	2	75	84	—	—	0.0	—	0.0	—
	Nawabshah	000	0	4	18	05	96	03	0	964	87	0	0	9	0	0	79	81	—	—	0.0	—	0.0	—
	Sukkur	000	0	0	20	05	96	02	0	976	92	0	0	9	0	0	75	85	—	—	0.0	—	0.0	4
	Kashmore	000	0	0	18	03	98	02	0	979	87	0	0	9	0	0	74	94	—	—	0.0	—	0.0	—
	Jacobabad	000	0	0	18	03	97	02	0	963	90	0	0	9	0	0	79	87	— 2	+ 2	0.0	— 0.6	0.3	4
Junagadh	Verav																							20 26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							26
	Drass **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							51
	Gilgit *																							59
Rawalpindi	Murree *	000	0	5	00	00	97	02	1	440	68	5	5	4	0	0	59	64	+ 5	+ 5	3.7	— 5.0	22.4	18
Peshawar	Drosh *	000	0	1	00	00	99	03	0	438	82	1	1	7	0	0	52	73	+ 8	0	0.6	—	11.8	29
	Cherat *	...	...		...			...	...	...	...			...	...		...	...	+ 5					—
	Kakul *	000	0	4	23	02	96	01	0	438	81	3	3	6	0	0	60	70	—	—	1.4	—	12.1	—
	Landikotal *	001	0	0	31	05	98	02	0	424	85	0	0	9	0	0	41	73	—	—	0.0	—	10.5	29
	Prachinar *	003	0	3	00	00	97	03	0	463	76	3	0	9	7	0	52	66	— 4	0	1.2	— 0 4	11 7	13
D.I. Khan	Miranshah *	014	0	6	05	05	97	02	0	431	77	6	0	9	0	0	62	70	—	—	0.4	— 1.2	1 8	11
	Wana *	000	0	0	00	00	99	03	0	429	80	0	0	9	0	0	79	80	—	—	0.0		3.5	11
Quetta	Fort Sandeman *	020	9	2	09	02	97	01	9	417	81	2	0	9	3	0	58	72	— 2	— 3	0.2	— 1.2	4.5	—
	Hindubagh *	000	0	8	00	00	97	03	0	339	78	8	2	4	0	0	48	68	—	—	0.0	—	3.3	9
	Loralai *	000	0	6	27	02	98	01	0	400	80	0	1	8	0	6	45	58	/	—	0.0	—	0.0	—
	Barkhan *																							14
	Harnai *	000	0	8	00	00	96	03	2	388	82	0	0	7	0	7	69	//	—	/	0.0	— 1.5	1.7	9
	Samungli (Quetta) *	000	.0	7	13	03	99	05	3	423	77	3	2	6	1	0	68	74	—	—	0 0	— 0.2	2.6	8
	Chaman *	000	0	0	81	05	97	00	0	387	96	9	6	5	0	0	54	83	+ 1	÷ 7	0.0	— 0.0	2.7	—
	Nushki *	000	0	6	00	00	97	03	0	461	91	0	0	9	0	2	77	89	—	—	0.0	—	0.0	4
	Dalbandin *	000	0	7	13	02	96	03	2	410	95	6	4	6	3	0	46	92	0	+ 14	0.0	— 0.0	0.6	7
Kalat	Kalat *	000	0	7	18	02	96	03	0	422	71	0	0	9	8	0	54	60	+ 2	— 2	0.0	— 0.5	1.3	—
	Khuzdar *	030	9	1	00	00	96	01	9	410	81	0	0	9	0	1	60	75	—	—	0.3	—	4.6	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 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 13th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dumra	99 2 29	10 6 81	12 0 03	81 6 05	58 0 32	99 5 79	77 5 0/	33 2 92			05 0 27	...	30 2 01	23 7 03
Koss Matell	99 1 89	10 6 54	12 3 63	32 8 13	70 2 01	01 8 23	31 4 00	...			0 / / 25		30 3 02	22 0 80
Warweck Shirf	99 2 13	10 5 95	12 0 63	71 9 05	97 0 31	58 8 79	00 9 10	54 2 / /			0 / / 74	17 8 01	...	..

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PoPoPo ToToTo DoDo	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 — hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	999 260 07	...	165 203 29	089 100 15	581 041 20	754 135 23	968 269 36	...	...	...	...	...	...
Dacca ...	00 00	000 294 20	...	400 174 18	075 110 31	/// /////	755 129 22	971 255 6/	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	997 494 38	...	400 160 40	060 120 14	579 035 / /	750 121 / /	961 311 / /	240 451 / /	...	...	...	..	—
Multan ...	00 00	981 308 59	...	360 294 60	092 180 58	763 101 / /	979 221 / /			...	...	...		...
Peshawar ...	00 00	957 254 60	..	400 274 58	090 204 59	562 054 / /	743 011 / /	956 115 / /	260 235 / /	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	584 290 56	...	450 240 63	140 084 50	581 111 / /	750 221 / /	956 351 / /	229 491 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 220 24	800 168 17	600 036 22	350 195 26	..	...	...	...	...	...	...	...
Dacca ...	00 00	/// /// //	/// /// //	/// /// //	...	...	...	...	...	..	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...	00 00	...	...	...	...	..	...	...	...	...	...	...	...

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
	At 1200 hrs. G.M.T. † of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date (dd fff)						At 0600 hrs. G.M.T. † of Previous day (dd fff)										
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
Bogra ...	160 10	110 14	110 15	185 12	185 12	190 12	160 87	105 02	050 06	190 12	195 11	190 09	175 08			135 07	150 08	155 09	170 10	170 10	..	...	...	...	...	...
Chaklala ...	.	218 03	215 06	230 09	730 07	335 12	...	...		.	040 04	140 08	145 09	080 53	170 09		135 04	160 04	205 03	270 06	...	..	...	...	...	...
Chhor ...	220 20	215 21	205 20	175 14	130 14	.	..	.	...	230 12	235 25	245 32	...	...	...	235 12	210 10	210 10	/// //	180 08		...	..	.	...	.
Chittagong ...	185 12	185 13	185 10	170 10	160 09	...	...	...	..	..	..	...	...	...		100 06	115 10	130 10	125 07	110 08	095 10	...	.		...	.
Cox's Bazar ...	185 13	185 13	195 11	210 01	...	...	...	...		160 11	170 10	180 08	190 10	190 14	210 13	155 10	150 13	140 13	110 05	110 07	...	...	...	...	...	...
Dacca ...	180 12	175 12	175 13	175 13	175 10	185 07	170 0/	165 09	165 10	130 15	145 12	165 12	...	17) 08	..	130 08	150 09	170 09	165 07	140 08	130 10	095 11	...	...	.	...
Dalbandin ...		...	090 01	060 04	280 03	270 05	250 08	...	...	.	...	340 10	310 06	260 15	295 12	...	...	115 04	075 01	350 09	030 07	130 12	.	...	...	
D. I. Khan ...	061 70	085 3/	085 11		...	...	...	...	...	180 09	300 08	330 07	...		...	050 07	340 04	245 02	168 07	135 07	...	.				
Drosh ...	...	...	...	265 09	280 04	220 81	125 03	010 14	360 17	.	...	...	165 00	225 03	180 01	...	...	...	245 04	205 08	215 06	220 07	175 02	020 23	270 10	205 13
Fort Sandeman ...	...	...	...	135 09	100 07	360 10	320 05	290 24	?'5 24			...	130 01	220 06	330 18	...	...	...	025 01	025 04	325 06	315 12	...	...	...	..
Jacobabad ...	140 89	130 10	125 09	080 04	015 03	015 03	345 12	340 15	320 15	180 08	205 04	040 02	055 06	125 04	185 06	115 21	125 20	125 21	125 15	135 08	240 03	230 06	335 09	340 15	.	...
Jessore ...	175 10	170 15	110 18	170 13	185 10	...				280 17	195 13	195 17	205 15	210 09	130 12	115 10	120 09	125 07		...					...	..
Jhelum ...	078 04	130 03	245 04	340 06	340 11	360 14	300 08	265 17	210 15	070 04	130 10	155 10	200 10	300 04	290 02	110 05	130 04	135 06	145 09	255 04	305 03	005 09	270 08	190 59	..	...
Jiwani ...	160 06	105 05	085 03	065 02	120 05	235 10	170 25	140 06	260 03	095 05	140 04	...		..	...	130 03	025 03	235 06	100 03	025 07	...		.	..	...	..
Karachi ...	230 12	220 15	730 12		...	.	..	...	.						...	255 11	245 10	245 08	085 08	070 14	035 14	020 17	060 15	...		...
Khanpur ...	200 06	215 07	210 06	170 04	130 06	075 06	065 18	035 21	075 21	225 12	220 15	215 15	225 14	250 15	280 18										...	
Lahore ...	010 06	095 05	100 03	165 03	010 01	350 08	350 21	360 16	285 03	165 10	185 15	175 13	140 05	125 02	040 08	140 06	145 09	160 09	155 08	145 07	010 08	020 13	005 11	360 10	...	.
Multan ...	245 05	225 16	220 04	235 03		.				031 11	100 03	125 11	.	115 11	..					...		...			...	...
Nawab Shah .	160 10	16) 84	18) 05	190 07	290 03	050 11	085 09	08/ 17	060 27	185 12	175 01	065 07	005 09	175 09	005 08	2?5 05	190 06	155 06	075 08	025 10	350 01	065 20	070 27	..	.	...
Panjgur ...	...				...	...		...	..	...	...	...	...	...		...	...		...	...		...			...	...
Peshawar ...	...	145 08	180 10	110 17	320 07	340 03	025 10	...	...		340 01	370 01	095 01	140 01	050 11	...	...	..	...						...	...
Quetta ...	.	...	...	..	355 04	3/0 08	325 15	...	...		.			335 14	320 17			...		065 03	010 09	300 08	3?5 12	295 14	...	...
Sargodha ...	120 06	130 08	140 06	150 88	215 01	240 1/	...	...	...	095 12	100 10	110 08	225 01	265 11	265 10	055 04	215 03	220 05	205 06	170 03	360 06	...	...	...	...	...
Sylhet ...	285 97	150 03	245 07	220 07	205 01	...	...	...	...		...	...	...	...	...	095 10	...	.	...	...	...		...	...	.	...
Veraval	...	...	...	...	...	...	..	...	...	...	..		...	...		...	...	...	..	...	...	...	...	...	...	...

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

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

Height in g.p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R., Sargodha ...																		
Karachi ...	275 11	275 03	310 06	310 07	046 12	0'5 10	035 17	052 21	050 21	...	...	...	..	...	...	..	.	..
Peshawar ...																		
Quetta ...																		

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

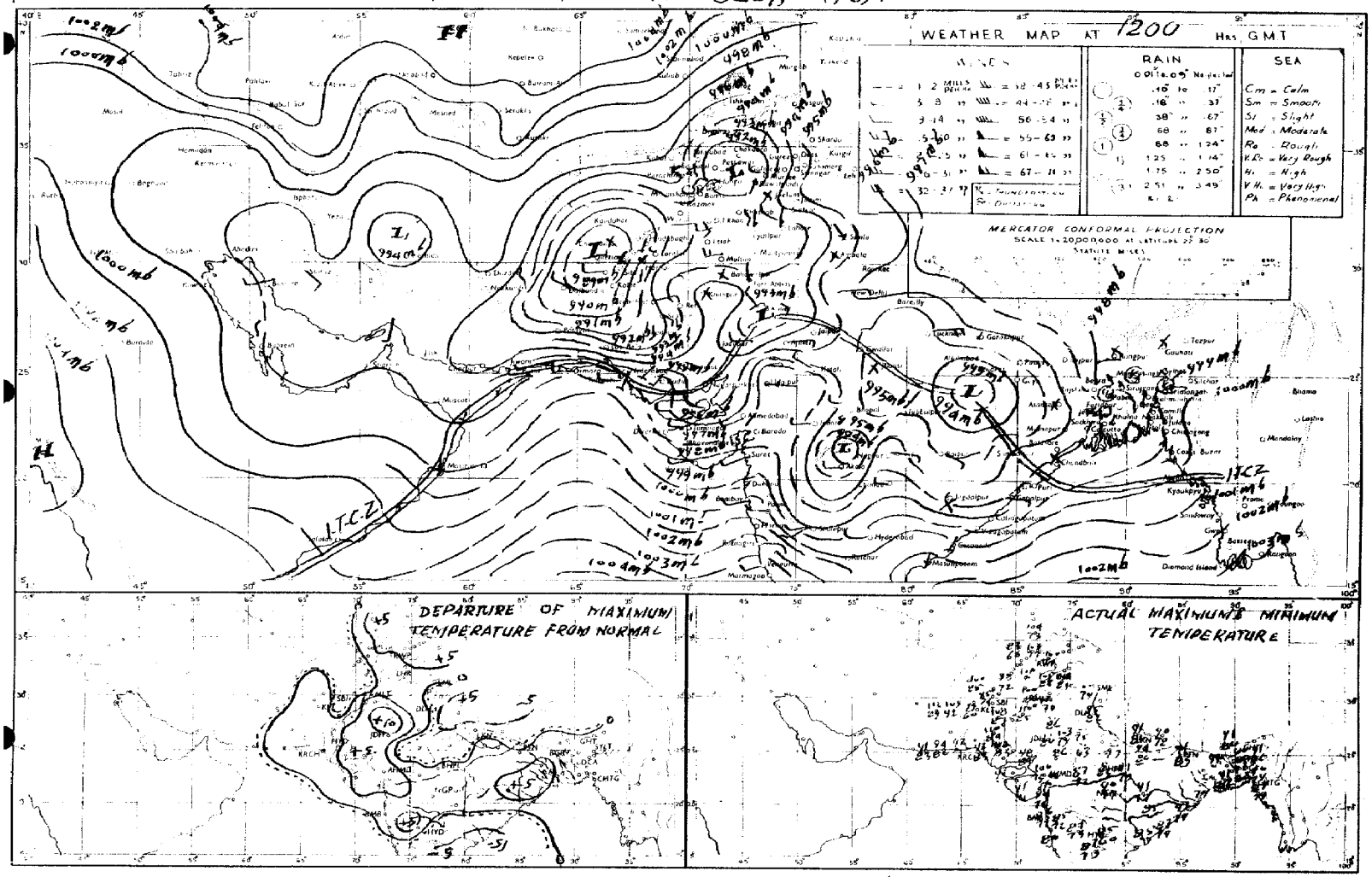
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port KARACHI—1

PAKISTAN DAILY WEATHER MAP

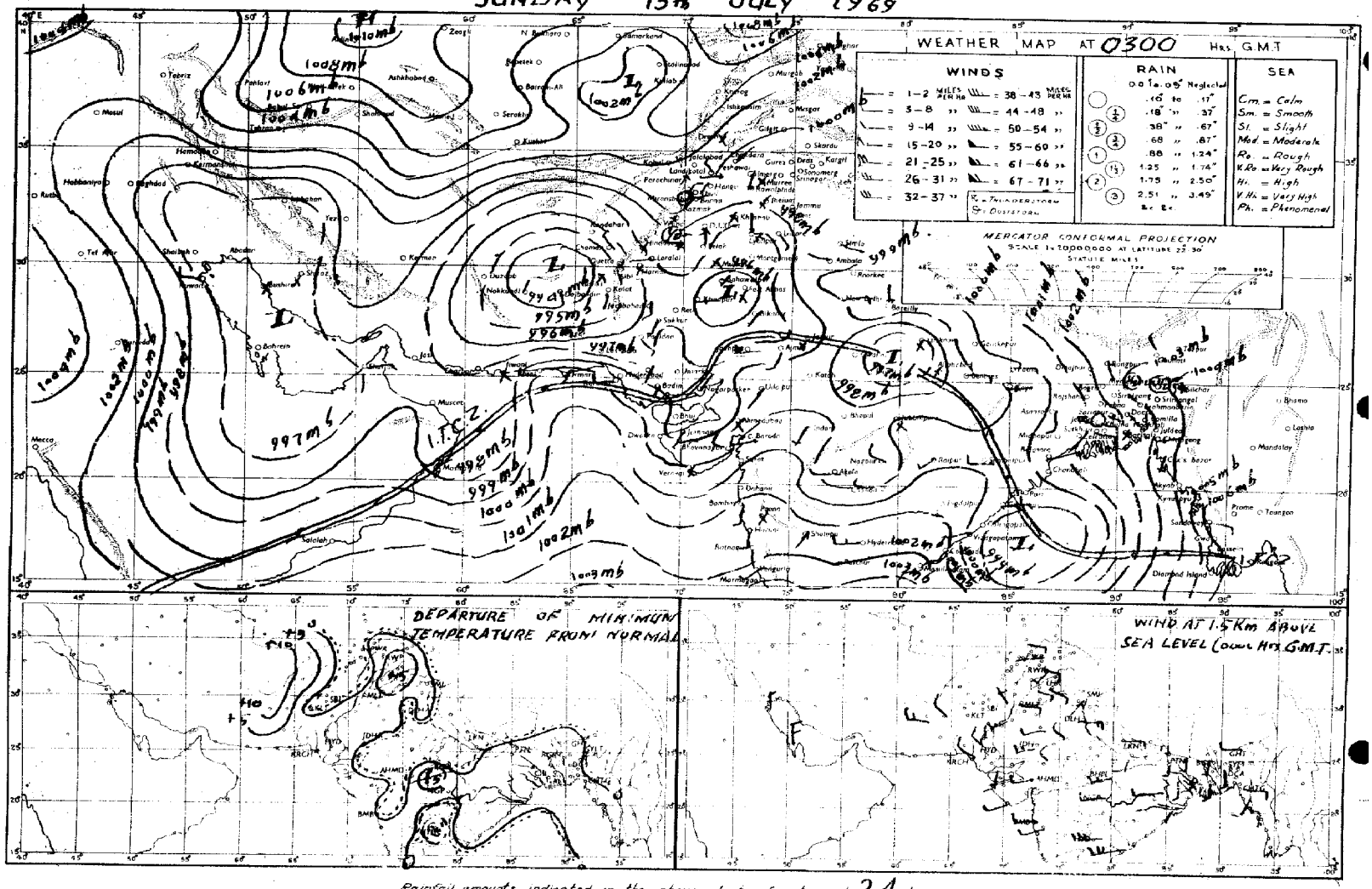
SATURDAY 12th JULY, 1969.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 13th JULY 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 14th JULY, 1969.

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

Observations are lacking but believe yesterday's well marked low over norrhwest and adjoining west central Bay of Bengal persists and may concentrate into a depression. Local rain/thundershowers have occurred in west Pakistan. The trough of low pressure over Sanrashtra has become well marked. A westerly low pressure wave is moving across Afghanistan. Rain/thundershowers have been scattered in Rawalpindi, D. I. Khan, Quetta and Kalat divisions. A few thunderstorms/light showers have also occurred in Sargodha and Peshawar divisions.

Chief amounts of rainfall are : Dinajpur 3", Rangpur and Murree 1" each, Chittagong, Maijdee Court, Sylhet, Srimangal (upto 000Z), Barisal and Harnai ½" each, Dacca, Bogra and Wana (upto 1200 Z) ½" each.

Day temperatures were 3—6 °F (2—3 °C) above normal in Dacca, Khulna, Lahore, Rawalpindi, Bahawalpur, Peshawar, Karachi and Hyderabad divisions and were 3—5 °F (2—3 °C) below normal in western districts of Quetta division.

Forecast valid until the evening of 15th July 1969 :—Fairly widespread rain/thudershowers are likeing to occur in Lahore and Rawalpindi divisions and Kashmir, local in East Pakistan, Peshawar, Sargodha and Hyderabad divisions and scattered thunderstorms/showers elsewhere over west Pakistan.

Karachi-11
The 14th July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Winds speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths) ° PPP	Dry Bulb temperature ° TT	Amount of Lowest Clud † Nh	Low Clod from † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud from † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx	At 0300 Hrs. G. M. T. of date: Rainfall in Cents RRR	Past weather commenced at † Wt	Total clud amount N	Wind direction in tens of degrees dd	Wind speed in konts ff	Horizontal visibility † VV	Present weather † ww	Past Weather W	Sea level pressure (mbs. and tenths) * PPP	Dry Bulb temperature TT	Amounts of Lowest Cloud † h	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoinc temperature °F TdTd	Minimum temperature TnTn	Departure from Normal of: Maximum temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st June, 1969 to-date	Rainfall: Departure from normal	Rainfall: Since 1st January, 1969 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	2	8	18	03	98	95	9	031	83	4	3	5	7	/	76	90	005	9	6	18	02	98	03	9	053	86	3	4	6	3	3	77	//	—	/	40.1	—	46.7	—
	Cox's Bazar	000	0	7	18	07	96	02	0	016	85	0	0	0	0	0	80	85	036	9	7	13	13	97	01	6	004	85	4	4	4	3	3	83	76	0	— 1	—	—	—	140
	Chittagong	032	4	8	09	03	96	02	9	017	80	5	9	4	2	0	78	83	052	9	6	13	12	97	02	6	046	85	4	4	4	3	2	77	77	— 3	0	—	—	—	108
	Maijdee Court	000	9	8	18	05	96	03	2	005	85	4	2	5	1	0	77	87	057	9	7	18	02	97	03	6	046	82	4	2	5	2	1	77	77	+ 1	— 1	44.2	+14.4	56.4	115
	Comilla	000	0	3	00	00	96	02	1	010	85	3	4	7	0	0	81	87	000	0	3	18	05	96	02	0	047	85	3	4	7	0	0	77	79	— 1	+ 1	63.8	—38.8	83.0	94
	Brahmanbaria	000	0	6	00	00	97	03	1	007	87	6	5	5	0	7	77	87	000	0	4	13	05	97	03	1	047	85	4	5	5	0	0	77	80	—	—	18.7	— 0.6	30.4	78
	Sylhet	000	0	6	00	00	96	02	2	006	85	4	5	5	/	/	79	87	060	9	8	00	00	96	60	6	054	83	6	3	3	2	/	77	77	—	—	48.0	—	86.0	—
	Srimangal	027	9	3	11	03	96	02	6	011	86	0	0	5	7	2	82	90	017	9	3	00	00	96	02	6	042	85	0	0	9	2	1	77	78	0	+ 2	28.6	+ 3.3	50.1	98
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	03	00	97	02	2	051	82	6	5	4	0	0	78	79		+ 1	—	—	—	91
	Narayanganj	000	0	8	13	02	96	02	3	006	87	8	6	3	/	/	83	//	015	3	8	13	03	97	03	6	041	83	8	6	3	/	/	80	79	/	0	—	—	—	74
	Dacca (Tezgaon)	000	0	6	18	05	97	02	2	001	85	4	2	5	4	1	77	90	036	3	7	13	02	97	21	6	039	82	6	8	4	3	1	79	82	—	—	14.0	—	25.2	—
	Faridpur	003	0	6	16	02	97	02	6	002	85	5	5	4	1	0	78	93	003	0	8	16	06	97	02	2	026	86	6	4	5	1	0	82	80	+ 2	+ 2	16.5	— 1.9	30.1	71
Khulna	Barisal	003	0	7	18	02	97	02	2	009	85	6	4	5	0	2	78	87	039	0	7	13	04	97	00	2	036	85	5	4	4	5	1	78	77	0	— 2	18.4	— 3.6	29.4	81
	Khulna	000	0	4	00	00	97	03	0	987	87	2	2	5	0	0	//	91	000	0	4	00	03	97	03	0	032	82	2	2	4	0	0	//	80	+ 3	+ 2	13.1	— 6.1	30.0	68
	Satkhira	038	0	6	18	02	97	01	0	985	85	2	3	9	0	1	78	90	038	0	6	18	03	97	01	0	998	83	2	0	9	0	1	81	//	+ 2	/	11.0	— 7.6	16.2	65
	Jessore	001	7	7	13	10	97	02	6	997	85	4	4	4	2	0	78	90	001	9	6	13	07	97	02	6	032	86	6	3	3	3	0	78	82	—	—	—			65
Rajshahi	Pabna	000	0	4	13	02	98	01	2	995	86	4	4	6	0	0	83	90	003	0	5	13	05	99	03	1	036	87	5	8	6	0	0	83	80	—	—	11.8	—	25.5	59
	Sirajganj	000	0	6	18	02	97	02	2	034	82	6	0	7	6	0	78	87	000	0	8	13	02	98	03	2	038	85	7	0	7	4	0	79	80	— 1	+ 2	17.0	— 0.6	23.6	64
	Rajshahi	000	0	7	13	03	95	03	1	953	90	5	5	5	2	/	80	91	025	9	5	09	03	96	03	1	035	86	5	5	4	0	0	79	83	+ 2	+ 2	17.3	+ 0.6	31.4	—
	Bogra	000	0	7	18	05	96	03	2	996	86	4	8	4	3	2	81	93	003	0	6	13	05	96	61	2	039	85	4	5	4	7	2	78	80	+ 1	+ 1	14.6	— 4.6	25.6	69
	Dinajpur	048	6	8	02	03	96	95	6	003	81	8	3	6	/	/	73	87	012	3	7	00	00	96	02	2	038	83	7	5	6	/	/	83	73	— 2	+ 1	31.3	+11.0	55.3	72
	Rangpur	031	6	6	09	02	96	01	9	979	87	6	0	9	2	0	83	90	119	8	7	13	02	96	21	6	023	82	7	5	6	0	0	79	80	+ 1	+ 2	33.7	+ 7.4	52.4	84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Jail Rd.)	000	1	5	00	00	95	21	6	933	02	4	4	6	3	0	72	05	000	0	5	13	03	95	03	1	981	90	3	2	6	3	1	79	86	+ 5	+ 6	0.7	— 3.4	5.3	19
	Sialkot	...																																							32
Rawalpindi	Jhelum	000	0	3	23	02	97	02	0	9 8	02	5	6	6	0	3	71	05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Islamabad	000	5	4	00	00	96	02	6	///	98	2	3	6	4	0	67	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	/					
	Rawalpindi	000	0	2	00	00	98	00	0	933	03	0	0	9	0	4	68	00	000	0	0	00	03	96	00	0	963	91	0	0	9	0	0	70	85	+ 2	+ 1	0.1	— 1.1	1.3	36
	Campbellpur	...																																							—
Sargodha	Khushab	000	0	0	18	03	97	00	0	936	05	0	0	9	0	0	83	05	000	0	0	03	00	97	00	0	975	83	0	0	9	0	0	79	//	+ 2	/	0.0	— 2.8	3.4	—
	Sargodha	000	0	7	13	12	96	06	1	448	00	3	3	6	3	2	72	06	003	4	7	09	07	96	17	9	983	87	5	9	6	3	0	78	87	—	—	1.8	—	5.7	15
	Lyallpur	000	0	0	36	02	96	00	0	941	03	0	0	9	0	0	73	05	003	0	0	36	00	93	03	0	948	94	0	0	9	0	0	73	85	+ 3		0.0		0.0	12
Multan	Sahiwal	000	1	2	09	07	95	01	/	937	97	5	7	9	3	0	72	//	003	0	1	13	03	96	06	0	957	94	1	0	9	3	0	77	87	0	+ 2	6.0	+ 4.6	9.0	10
	Multan	000	0	0	36	00	95	00	0	938	05	0	0	9	0	0	77	05	000	0	1	23	05	11	02	0	952	91	0	0	9	0	1	76	87	—	+ 4	0.0	— 1.3	0.9	7
	Leiah	...																																							8
Bahawalpur	Khanpur	000	0	3	27	03	96	00	0	921	08	0	0	9	0	0	73	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					6
	Bahawalpur	000	0	0	00	00	95	00	0	936	05	0	0	9	0	0	70	07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					6
	Fort Abbas	///	/	0	23	09	//	//	/	000	00	0	0	9	0	0	58	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdra	000	0	0	03	02	97	02	0	915	00	0	0	9	0	0	83	00	000	0	7	00	00	97	03	0	963	83	0	0	9	7	0	70	78	—	—	0.5	—	9.9	—
	Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	7	36	03	94	01	1	963	86	7	0	9	3	0	68	82		+ 2	0.0	— 0.8	9.4	11
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	3	6	05	03	98	00	0	986	90	6	0	9	7	0	72	78	—	—	0.4	—	10.5	—
D. I. Khan	Bannu	000	0	7	09	02	98	06	2	931	02	2	2	7	1	7	67	04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
	D. I. Khan	000	0	0	00	03	//	//	/	926	02	0	0	9	0	0	70	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					9
Quetta	Sibi	000	0	2	23	03	97	03	1	924	//	0	2	9	2	0	69	13	000	0	4	36	03	97	03	1	959	95	4	0	9	2	2	69	92	/	—	0.0	—	1.1	5
	Nokkundi	000	0	4	31	05	96	01	2	916	05	4	5	5	0	0	59	06	000	0	1	31	07	96	01	0	961	95	1	5	6	0	0	41	50	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	27	03	96	00	0	985	10	0	0	9	0	0	83	10	000	0	1	27	03	96	00	0	854	86	0	0	9	0	0	81	//	—	/	0.0	—	0.2	—
	Jiwani	000	0	2	18	09	96	01	1	959	83	2	6	5	0	0	79	91	003	0	5	23	03	96	03	1	983	85	5	0	5	0	0	79	84	—	—	0.0	—	2.0	5
	Pasni	000	0	0	25	12	97	02	0	963	92	0	0	0	0	0	79	94	000	0	4	25	00	97	02	0	984	85	4	0	9	0	0	79	83	+ 2	+ 2	0.0	— 0.5	0.0	6
Karachi division	Ormara	000	0	0	20	07	96	02	0	913	93	0	0	9	0	0	84	//	003	0	4	27	09	96	06	6	984	86	2	6	6	3	0	85	//	/	—	0.0	— 0.2	0.6	6
	Lasbela	000	0	0	13	03	//	00	0	925	09	0	0	8	0	0	75	10	000	0	4	00	00	98	03	0	979	83	0	0	8	0	0	78	70	—	—	0.0	—	0.0	8
	Karachi (Manora)	000	0	1	27	07	96	03	0	950	90	1	6	4	0	0	82	93	003	0	6	27	05	96	03	2	977	86	6	6	4	0	0	81	85	+ 4	+ 4	0.0	— 2.0	0.1	8
	Karachi (Ariport)	000	0	1	27	07	96	03	0	953	91	0	0	9	0	0	78	96	000	0	6	27	05	95	03	0	984	86	6	4	7	0	0	77	84	—	—	0.0	—	0.0	—
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	061	04	0	0	6	0	0	79	04	000	9	8	23	//	95	02	1	002	83	8	6	6	2	8	82	69	—	—	0.0	—	0.0	—
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	23	05	96	02	2	///	87	7	0	9	7	0	75	83	—	—	0.0	—	0.1	7
	Hyderabad	000	0	3	23	09	97	03	0	933	02	0	0	9	0	1	75	05	000	0	7	20	07	97	02	2	981	86	3	6	5	3	0	79	83	+ 6	+ 2	0.0	— 1.6	0.1	9
	Badin	000	0	0	23	03	96	03	0	014	93	0	0	9	0	2	77	04	000	0	4	18	03	96	03	0	002	85	0	0	9	0	4	72	83	+ 7	+ 2	0.0	— 2.4	0.0	—
Khairpur	Padidan	000	0	1	18	02	97	02	0	919	0	1	0	9	3	2	64	10	000	0	4	13	07	96	01	1	962	87	4	0	9	7	0	77	85	—	—	0.0	—	0.0	—
	Nawabshah	000	0	0	03	00	96	02	0	927	07	0	0	9	0	0	75	09	003	0	4	18	12	96	02	0	964	87	4	0	9	7	0	90	81	—	—	0.0	—	0.0	4
	Sukkur	000	0	0	31	03	96	02	0	943	09	0	0	9	0	0	78	12	000	0	0	23	05	96	02	0	958	90	0	0	9	0	0	70	87	—	—	0.0	—	0.0	—
	Kashmore	000	0	0	00	00	96	02	0	924	07	0	0	9	0	0	70	01	000	0	0	18	03	98	02	0	973	89	0	0	9	0	0	74	89	—	—	0.0	—	0.0	4
	Jacobabad	000	0	0	18	07	97	02	0	922	08	0	0	9	0	0	78	09	000	0	3	18	05	96	03	0	950	92	3	0	9	1	0	83	89	0	+ 4	0.0	— 0.6	0.3	20
Junagadh	Verav	...																																							26
	HILL STATIONS																																								
Kashmir	Srinagar *	...																																							—
	Gulmarg **	...																																							71
	Sonamarg **	...																																							76
	Dras **	...																																							3
	Leh **	...																																							6
	Skardu *	...																																							—
	Misgar **	...																																							—
	Aliabad *	...																																							5
	Gilgit *	...																																							59
Rawalpindi	Murree *	055	7	2	27	03	98	01	9	438	83	2	1	4	0	0	63	78	112	2	8	13	07	96	95	6	455	60	8	9	3	/	/	58	58	+ 4	— 1	4.8	— 4.2	23.5	18
Peshawar	Drosh *	000	0	6	20	07	98	02	1	383	93	5	8	7	2	0	47	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6					29
	Cherat *	000	0	0	18	02	98	00	0	420	95	0	0	6	0	0	76	96	000	0	0	18	02	98	00	0	431	80	0	0	9	0	0	73	//	+ 7	—	0.1	— 2.7	9.4	—
	Kakul *	000	0	3	27	02	96	05	1	442	87	3	2	6	0	0	58	91	003	0	8	13	05	95	05	2	436	79	8	4	4	/	/	68	79	—	—	1.4	—	12.1	—
	Landikotal *	000	0	0	31	05	98	02	0	406	91	0	0	9	0	0	54	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					29
	Prachinar *	000	0	6	16	07	97	03	2	416	82	4	9	7	3	0	51	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					13
D.I. Khan	Miranshah *	000	0	4	05	05	96	02	0	417	96	6	0	9	0	0	60	98	003	0	6	05	05	97	02	0	///	//	0	0	9	0	0	//	80	—	—	0.4	— 1.2	1.8	11
	Wana *	098	0	8	13	10	97	34	3	438	78	8	8	8	0	0	63	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
Quetta	Fort Sandeman *	000	0	/	//	//	97	03	1	397	93	5	4	6	3	0	42	98	000	0	3	27	02	97	01	1	415	85	1	5	7	3	0	54	79	— 2	+ 4	0.2	— 1.3	4.5	—
	Hindubagh *	000	0	8	20	05	95	03	0	367	97	8	2	5	0	0	33	98	000	0	7	20	72	96	03	0	437	83	7	1	6	0	0	54	62	—	—	0.0	—	3.3	9
	Loralai *	000	0	8	27	04	98	01	0	430	95	0	1	8	0	8	55	//	000	0	0	13	02	98	00	0	390	82	0	0	9	0	0	55	58	/	—	0.0	—	0.0	—
	Barkhan *	...																																							14
	Harnai *	000	0	0	00	00	96	00	2	379	00	0	0	9	0	0	61	01	003	0	8	00	00	96	03	2	397	86	0	0	8	5	0	65	//	—	/	0.5	— 1.1	2.3	9
	Samungli (Quetta) *	000	0	7	31	05	96	03	0	391	93	7	5	6	2	0	64	02	000	0	5	00	00	99	05	0	433	74	3	6	7	0	2	62	67	—	—	0.0	— 0.2	2.6	8
	Chaman *	000	0	0	36	05	97	00	0	399	02	0	0	9	0	0	53	08	000	0	0	34	05	97	00	0	406	04	0	0	9	0	0	41	84	+ 6	+ 8	0.0	— 0.1	2.7	—
	Nushki *	000	0	3	27	08	96	07	3	447	03	0	0	9	0	2	87	04	003	0	0	01	00	97	02	0	463	93	0	0	9	0	0	79	87	—	—	0.0	—	0.0	4
	Dalbandin *	000	0	6	31	03	96	03	0	418	05	0	0	9	3	6	//	05	000	0	1	36	02	97	01	1	436	93	1	0	9	3	0	41	79	— 4	+ 1	0.0	— 0.0	0.6	7
Kalat	Kalat *	000	0	8	31	02	96	02	1	411	82	0	0	9	8	0	55	85	000	0	7	31	02	96	02	1	420	76	0	0	8	0	9	63	68	— 6	+ 6	0.0	— 0.5	1.3	—
	Khuzdar *	000	0	5	13	05	97	03	0	381	93	5	5	6	0	0	41	02	017	9	6	27	02	96	01	9	438	84	0	0	9	0	6	61	73	—	—	0.5	—	4.8	5
	Panjgur *	000	0	0	36	06	95	05	0	405	05	0	0	9	0	0	85	06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3	—	—	—	—	—

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 14th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Nardana	99 5 48	10 6 59	12 1 83	02 4 02	98 0 20	97 6 29	00 9 00	64 2 20			0 / / 26	12 9 84	30 0 00	23 9 10
Ntrdana	99 2 49	10 6 03	13 1 92	11 8 08	58 9 30	98 0 30	11 4 00	64 7 15			0 / / 27	13 3 12	30 2 01	19 5 03
Nardana	99 2 48	10 6 59	12 1 83	02 4 02	98 0 20	97 6 29	00 9 00	64 2 20			0 / / 26	12 9 84	30 0 00	23 9 10
Nardan	99 2 48	10 6 22	13 0 63	39 9 01	98 0 20	97 7 29	34 7 00	64 1 10			0 / / 26	13 0 55	3) 0 00	22 9 06
Koss Matel	99 1 46	10 6 95	13 3 63	12 6 19	97 0 28	02 8 27	47 3 7/	...			0 / / 25	12 8 00	30 4 03	25 8 09

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
		PoPoPo ToToTo DoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	001 260 15	...	420 178 00	095 102 19	582 041 27	755 131 56	968 269 59	...	...	...	...	...	...
Dacca ...	00 00	002 280 20	...	400 186 30	098 104 40	584 027 56	759 117 57	957 463 / /	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	994 300 34	...	400 214 30	047 114 27	576 051 / /	747 141 / /	959 261 / /	245 401 / /	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	956 290 59	...	400 280 61	099 164 58	585 025 / /	759 111 / /	976 191 / /	267 395 / /	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	986 284 30	...	550 245 / /	165 080 34	583 111 / /	751 195 / /	955 301 / /	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.									Max. Wind Speed	TROPOPAUSE	
		PPP TT T_a DD									PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 208 08	800 150 00	600 030 33	350 193 58	..	...	...	...	...	...	...	...
Dacca ...	00 00	900 206 28	800 172 50	600 040 56	350 173 57	...	...	...	...	-	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights) Tens of geopotencial 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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
	At 1200 hrs. G.M.T. † of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date (dd fff)						At 0600 hrs. G.M.T. † of Previous day (dd fff)										
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
Bogra ...	135 12	135 17	145 19	160 19	165 15	...	...	...		155 12	160 12	155 11	150 14	140 10	160 07	120 07	120 15	125 17	150 15	130 19	...	...	...	...	...	...
Chaklala ...	..	240 02	180 03	350 01	060 05	020 02	340 13	310 09	280 11			---	...				...				...	..	...	...	...	...
Chhor ...		...	...			..	--		...	199 18	200 19	215 19	050 06	035 15	...	240 26	235 08	275 23	340 14	045 13	...	...	..	...	...	...
Chittagong ...	180 09	175 10	160 10	145 11	165 09	130 13	...	...	...	..	..	...	...	...		150 08	135 17	145 23	160 11	...	...	...	...	...	...	...
Cox's Bazar ...	150 08	155 15	155 17	165 24	---	..	...	...	...	160 18	160 19	170 21	174 17	180 19	180 18	150 09	155 16	170 19	...	...	...	...	...	...	...	...
Dacca ...	160 10	160 13	165 12	155 10	150 09	105 12	...	..	...	120 19	140 19	150 17	---	145 17	..	150 10	155 16	165 15	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	315 02	335 06	320 03	290 05	250 04	...	...	...	---	050 7/	050 04	015 11	005 15	...	...	075 05	060 07	015 14	005 13	310 19	295 14	245 17	...	...
D. I. Khan ...	030 06	075 05	100 05	130 07	160 07	...	...	...	..	170 17	179 13	195 09	259 05	345 10	295 C0	...	...	---	...	---	...	...	...	...	...	...
Drosh ...	---	..	---	235 13	215 17	205 18	-	...	...	---	---	--	210 04	715 01	230 33	...	...	...	...	---	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	115 07	100 04	335 05	...	--		...	..	--	235 04	155 03	320 09	...	...	...		...	...	...	...	...	...	...
Jacobabad ...	160 C8	150 C8	155 09	175 04	045 02	025 11	020 09	035 06	035 06	170 04	235 01	340 02	295 04	295 50	360 04	195 12	205 10	100 06	190 38	355 08	210 78	010 22	...	345 19	...	...
Jessore ...	160 17	160 18	150 15	130 14	130 15	...	...	...	...	140 15	145 18	150 17	145 13	140 73	145 18	140 16	155 19	155 21	/15 17	140 15	140 18	130 19	...	...	...	...
Jhelum ...	180 03	200 05	200 07	220 07	340 04	030 C6	005 13	325 11	259 11	133 13	150 13	210 14	270 13	...	---	...	...	...	..	...	...	...	...	...	...	...
Jiwani ...	185 09	220 03	110 01	030 / /	070 10	025 11	075 08	140 13	2C5 09	225 05	230 03	---	...	...	---	280 04	275 01	360 C8	...	...	...	...	...	...	...	...
Karachi ...	265 08	270 10	270 02	075 06	C45 08	C35 15	050 18	085 12	...	...			...	...	...	265 10	275 09	270 08	315 05	030 09	...	...	..	...	...	...
Khanpur ...	285 06	300 09	305 10	330 09	310 10	030 09	015 19	020 02	015 33	145 C8	255 09	260 12	...	...	-				..	--	...	...	...	...	...	...
Lahore ...	245 13	230 03	215 03	160 04	165 05	...	..	...	..	150 15	165 02	156 21	155 09	/55 03	105 06	020 13	041 52	070 08	100 8/	...	...	...	...	...	...	...
Multan ...	125 15	105 10	C85 03	/// / /	085 01	/// / /	..	...	..	155 17	117 51	129 0/	210 12			/65 12	170 09	170 C8	145 01	077 55	145 10	030 17	060 13	075 19	...	...
Nawab Shah ...	195 07	160 04	190 03	180 07	100 05	035 11	040 14	035 23	020 27	220 17	230 12	235 07	300 7/	025 06	030 05	230 06	255 03	045 05	065 08	055 09	050 11	...	...	...	...	...
Panjgur ...	...	..	..	...	...	...	...		...	---	---	---	...	---		...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	120 02	170 03	175 C8	245 04	330 04	310 10	305 C8	270 12	..	200 10	190 15	215 04	215 05	195 06	...	...	...	...	...	...	...	.	...	...	...
Quetta ...	...	...	...	..	320 12	335 04	315 03	...	...	..	...			190 08	280 10	...	...	---	...	005 11	320 17	330 22	315 17	270 15	...	...
Sargodha ...	125 09	110 12	095 08	355 02	320 06	005 06	..	...	...	165 12	195 17	200 11	265 04	250 01	---	...	...	---	..	...	...	...	...	...	...	...
Sylhet ...	060 02	195 C8	195 04	150 04	---	.	...	...	...	145 05	195 09	---	...	...	...	125 01	140 03	..	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	..	--	---	...	---	---	...	...	...		...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	260 / /	261 2/	035 10	305 10	015 09	015 09	020 17	050 20	070 1	...	...	...	...	...	...	...	...	..
Peshawar ...																		
Quetta ...																		

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

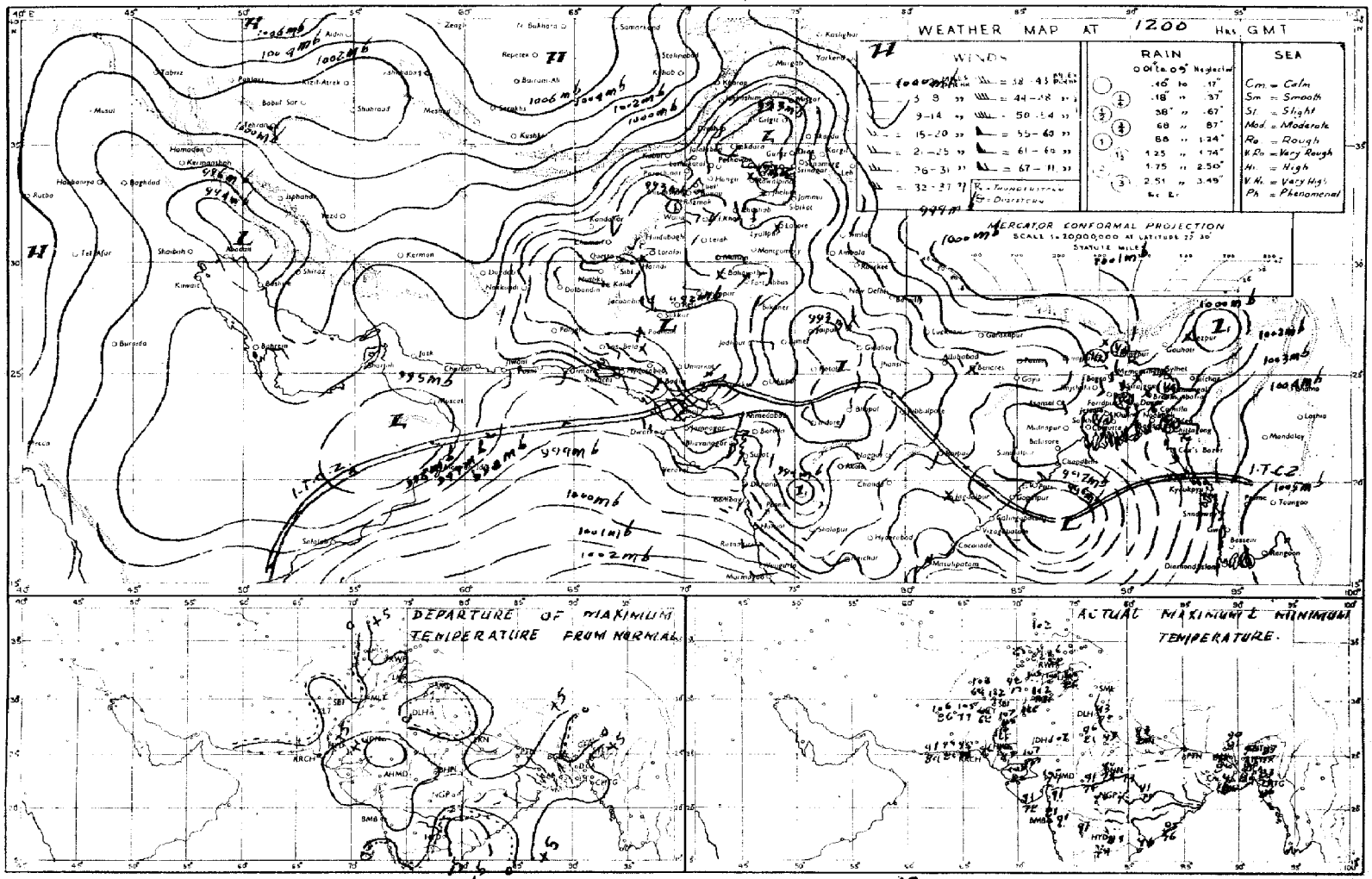
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

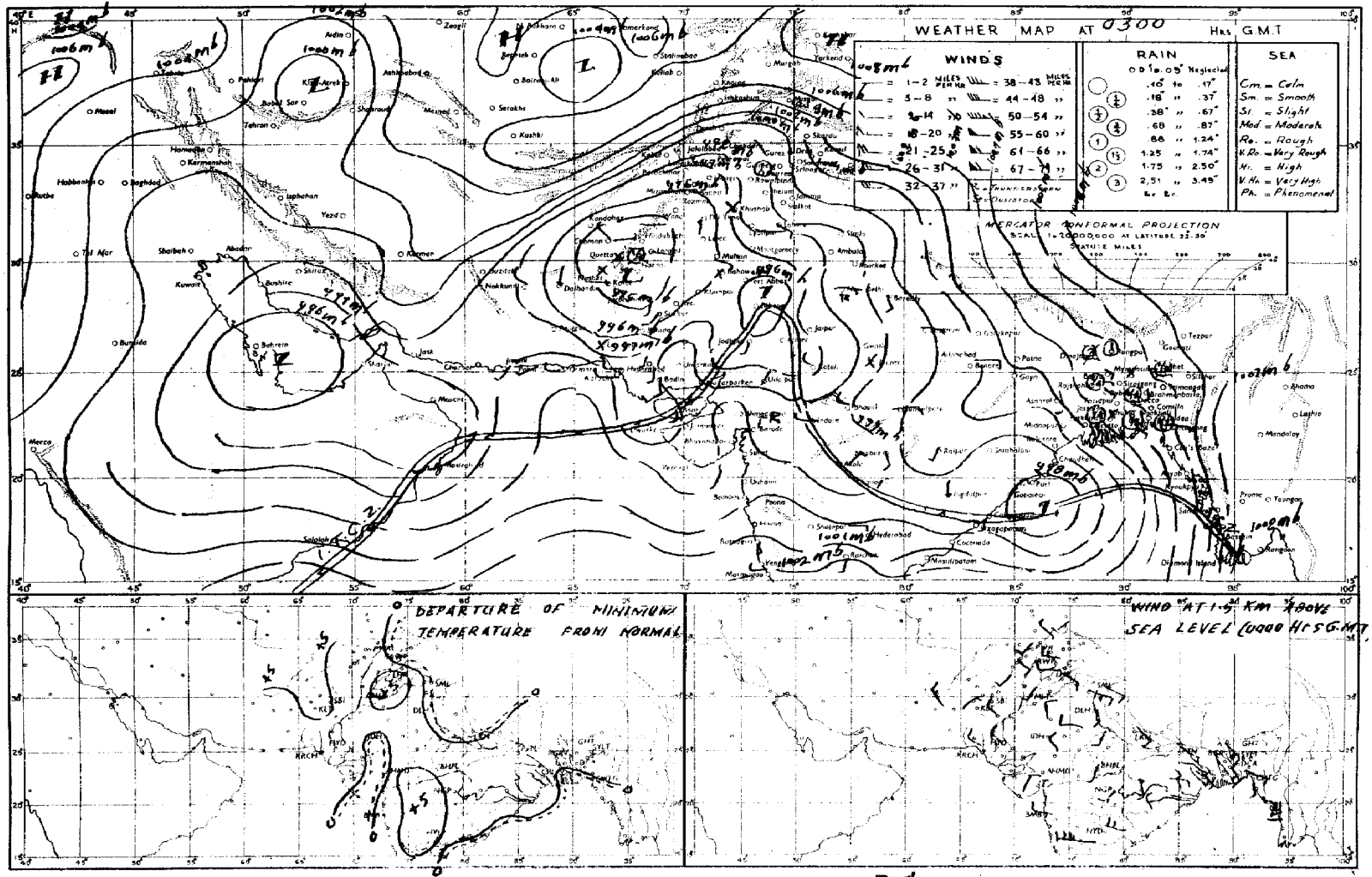
SUNDAY 13th JULY, 1969



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

PAKISTAN DAILY WEATHER MAP

MONDAY 14th JULY, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

TUESDAY THE 15th JULY, 1969.

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

Yesterday's well marked low pressure area over northwest and adjoining west central Bay of Bengal moved in local and lay last evening over Orissa and neighbourhood. Observations are lacking but believe it has weakened remained practically stationary.

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

Trough of low pressure over Sanrashtra has shifted northwards and has been less marked. An easterly low pressure has moved to Rajsthan and has caused advance of monsoon into west Pakistan.

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

Chief amounts of rainfall are : Cox's Bazar 4" Mymensingh 2" Lyllpur and Multan 1½" each Chittagong, Comilla, Sylhet and Satkhira 1" each, Dinajpur (upto 0000), Maijdee Court, Brahmanbaria, Sialkot, Kakul and Parachinar 3/4" each Srimangal (upto 0000) Barisal, Sirajgang, Rajshahi, Rangpur Drosh ½" each Rangamati, Narayanganj, Bogra and Cherat ¼" each.

Day temperatures were 3—6 °F (2—3 °C) above normal in Lahore Bahawalpur divisions and were 2—3 °F (1—2 °C) in Dacca division and were 3—6 °F below normal in Khulna and Peshawar divisions.

Forecast valid until the evening of 16th July 1969 :—Fairly widespread rain/thudershowers are likely to occur in East Pakistan, Lahore, Rawalpindi, Sargodha and Multan divisions local in Karachi and Hyderabad divisions and Kashmir and scattered elsewhere over west Pakistan.

Karachi-11
The 15th July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	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	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 from †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total clud 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 †	Dew point temperature °F	Minimum temperature	Maximum temperature	Minimum Temperature	Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	h	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	060	0	7	18	02	97	01	6	028	85	3	3	3	7	77	90	025	9	7	18	03	97	21	9	072	79	6	7	5	/	/	77	77	—	—	40.3	—	46.9	—
	Cox's Bazar	045	4	6	13	12	97	21	6	032	84	4	7	3	3	0	78	86	402	9	8	13	12	96	62	6	053	79	4	4	3	2	0	79	77	—	0		0	—	140
	Chittagong	036	2	7	13	05	97	01	6	025	80	4	8	4	2	0	77	90	114	9	7	13	06	96	50	6	062	80	2	5	9	1	6	//	77	+ 4	0	—	—	—	108
	Maijdee Court	030	8	8	18	05	96	03	2	017	85	4	2	5	2	1	77	86	080	6	8	18	03	97	03	6	044	83	4	2	5	2	1	77	79	—	0	+	2	45.0	+13.0	57.2	115
	Comilla	060		4	18	05	96	02	1	017	85	4	5	5	0	0	77	90	120	1	7	18	05	96	02	6	037	80	7	4	1	/	/	79	77	+	3	—	1	65.0	—39.6	84.2	94
	Brahmanbaria	090	0	6	18	15	97	02	6	014	87	6	5	5	0	0	77	90	070	0	5	18	05	97	03	1	055	83	5	5	5	0	0	77	77	—	—			19.4	— 0.2	31.1	78
	Sylhet	007	9	7	01	00	96	11	9	011	90	6	3	5	/	/	80	86	097	9	8	13	05	96	21	9	048	81	4	4	4	2	/	77	77	—	—	49.0	—	86.9	—
	Srimangal	062	9	8	00	00	96	02	6	020	85	/	/	/	/	/	80	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	...				98
Dacca	Mymensingh	020	2	4	00	03	97	02	6	005	82	4	5	4	0	0	78	91	205	8	4	03	00	97	03	2	043	83	4	4	5	0	0	80	//	+	3	/				91
	Narayanganj	000	0	8	13	02	96	03	2	011	85	8	6	4	3	0	78	85	020	0	8	13	03	97	03	2	041	83	8	6	3	/	/	78	79	—	4		0	—	—	—	74
	Dacca (Tergaon)	006	9	7	13	02	97	03	6	011	85	5	8	4	/	/	78	87	015	9	5	18	05	97	21	6	039	85	5	6	3	3	0	80	82	—	—	14.2	—	25.4	—
	Faridpur	005	8	5	16	03	96	02	6	004	85	3	4	5	1	0	78	90	035	0	8	16	03	97	02	2	035	85	5	4	5	1	0	80	80	+	2	+	2	16.5	— 2.3	30.1	71
Khulna	Barisal	017	6	7	18	03	97	02	2	008	85	5	4	4	2	0	78	87	053	9	7	18	05	97	02	0	039	83	4	8	4	7	1	83	79	—	0		0	19.0	— 3.5	29.9	81
	Khulna	000	0	4	00	00	97	03	0	998	82	/	3	4	0	0	81	86	000	0	4	00	03	97	03	0	008	87	2	2	4	0	0	80	80	—	3	+	2	13.1	— 6.5	39.9	68
	Satkhira	000	0	6	23	05	97	00	1	998	82	/	3	9	0	1	83	82	000	0	6	18	06	97	01	0	028	85	2	3	9	0	0	78	82	—	6	+	4	10.9	— 8.0	16.2	65
	Jessore	009	8	7	12	07	97	02	6	001	85	4	3	4	1	7	78	90	011	1	7	18	09	97	02	6	027	83	1	3	3	4	1	79	80	—	—			—	—	—	65
Rajshahi	Pabna	000	0	6	13	01	-	-	-	996	85	3	8	6	7	0	83	90	000	0	5	13	05	99	01	1	025	87	5	8	6	0	0	83	80	—	—	11.8	—	25.5	59
	Sirajgan	056	3	6	8	01	97	02	2	007	/	6	0	7	6	0	80	87	056	9	6	18	02	98	02	2	032	85	6	2	6	0	0	83	82	—	1	+	4	17.6	— 0.4	24.2	64
	Rajshahi	055	7	6	0	01	96	03	-	002	81	3	5	5	2	/	78	90	056	9	5	13	03	95	03	1	018	85	5	5	5	0	0	80	83	+	1	+	2	17.9	+ 0.9	31.9	—
	Bogra	025	8	6	13	03	96	02	6	035	82	1	5	6	2	8	77	87	025	3	6	13	05	96	02	2	079	85	6	4	4	0	0	79	80	+	3	+	1	14.8	— 4.6	25.8	69
	Dinajpur	000	8	5	03	00	96	02	2	006	87	5	5	6	/	/	81	90	076	3	6	09	02	96	02	2	036	85	3	4	6	2	/	80	80	+	11	+	2	31.3	+11.4	56.3	72
	Rangpur	032	8	5	09	08	96	01	6	981	87	2	2	6	2	0	80	90	048	8	6	13	02	96	01	6	029	85	7	2	6	2	0	80	79	+	1	+	1	34.2	+ 7.4	52.9	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	7	6	09	07	96	03	6	954	91	5	0	9	7	7	74	98	000	0	6	09	02	96	03	1	982	00	5	4	6	1	0	75	83	—	2	+	3	0.7	— 3.6	5.3	19
	Sialkot	050	0	0	20	10	98	00	0	956	98	0	0	9	0	0	76	07	080	0	0	20	50	65	00	0	975	98	0	0	9	0	0	70	60	+	9	—	20	—	—	—	32
Rawal-pindi	Jhelum	000	0	6	25	03	98	03	0	954	96	1	1	7	2	1	73	98	000	9	7	13	02	97	03	2	983	86	4	5	6	7	0	77	79	—	—	—	—	—	—	—
	Islamabad	014	5	8	36	02	97	03	6	//	85	2	4	7	5	3	70	85																							
	Rawalpindi	003	2	8	36	05	99	02	3	970	85	8	4	7	0	0	64	86	000	9	1	00	00	98	00	5	981	85	0	0	9	0	3	70	77	+	12	—	—	—	—	—	36
	Campbellpur																																								
Sargo-dha	Khushab	000	0	8	99	//	97	03	2	955	96	6	2	9	4	0	82	98	000	0	8	09	03	95	02	2	994	83	6	2	9	4	0	80	77	—	5	—	5	0.0	— 3.0	3.4	15
	Sargodha	010	1	8	13	12	96	02	0	962	79	0	0	9	0	0	73	/	010	2	7	23	02	97	02	2	981	85	5	0	9	3	1	73	87	—	—	—	—	1.9	—	5.8	—
	Lyallpur	000	0	4	16	09	97	02	0	930	96	4	0	9	4	0	72	02	133	9	4	00	00	96	02	9	979	83	4	0	9	4	0	73	76	—	0	—	6	—	—	—	12
Multan	Sahiwal																																								10
	Multan	000	0	3	05	03	97	09	0	936	05	3	2	6	0	0	73	05	145	5	7	27	05	97	29	9	980	83	3	5	6	2	0	75	76	+	3	—	9	7.4	+ 6.0	10.4	7
	Leiah	000	0	0	36	01	95	00	0	935	05	0	0	9	0	0	78	05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	4				8
Baha-walpur	Khairpur	000	0	3	31	02	96	03	0	924	09	0	0	9	0	1	70	03	000	8	0	05	12	98	02	3	975	87	0	1	9	0	0	72	82	+	4	—	7	0.0	— 1.4	0.9	6
	Bahawalpur	000	0	0	00	00	96	00	0	920	05	0	0	9	0	0	64	02	030	0	0	03	00	96	05	0	967	91	0	0	4	0	0	75	79	+	6	—	5	0.1	— 1.2	1.3	6
	Fort Abbas	///	/	0	23	02	98	00	0	839	16	0	0	9	0	0	77	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				8
Pesha-war	Chakdra	091	6	7	23	02	96	20	9	980	76	7	3	7	0	0	72	92	091	0	0	00	00	98	02	0	973	77	0	0	4	0	0	//	66	—	—			1.4	—	10.8	—
	Peshawar	000	7	6	23	09	97	03	2	919	93	6	0	9	7	0	67	95	022	0	1	09	02	97	03	0	980	87	1	1	6	0	0	70	77	—	—	+	3	0.0	— 0.8	9.5	11
	Haripur																																								
D. I.-Khan	Bannu	000	4	7	13	02	97	03	3	956	87	0	0	9	3	7	65	99	003	0	2	09	02	99	01	—	993	81	0	0	9	0	7	70	77	—	—			—	—	—	11
	D. I. Khan	000	3	8	05	08	97	03	5	957	93	0	0	9	0	3	73	/	003	0	0	00	00	98	00	0	982	85	0	0	9	0	0	78	78	—	—	—	5	0.3	— 1.6	2.7	9
Quetta	Sibi	000	0	0	18	03	97	02	0	803	16	0	0	9	0	0	68	17	000	0	6	09	03	97	03	1	979	88	4	2	9	4	2	52	84	—	—	—	—	0.0	—	1.1	5
	Nokkundi	000	0	0	31	08	96	01	0	927	03	0	0	9	0	0	48	00	000	0	0	31	10	97	02	0	968	89	0	0	9	0	2	39	79	—	—	—	—	0.8	—	0.3	2
Kalat	Turbat	000	0	0	18	09	96	01	1	959	90	0	0	9	0	0	79	92	001	0	8	00	00	96	02	2	973	85	5	6	5	3	0	80	84	—	—	—	—	0.0	—	2.0	5
	Jiwani	000	0	0	25	16	97	02	0	963	91	0	0	9	0	0	80	95	000	0	0	25	10	97	02	0	986	84	0	0	9	0	0	80	80	+	3	+	2	0.0	— 0.5	0.0	6
	panni																																								
Karachi division	Ormara	000	0	0	25	14	96	02	2	959	87	1	6	6	0	0	81	94	000	0	1	27	07	96	02	2	968	85	1	6	6	0	0	84	//	—	—			0.0	— 0.2	0.6	6
	Lasbela	///	0	0	13	03	97	00	0	916	06	0	0	8	0	0	71	07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				8
	Karachi (Manora)	000	0	6	27	09	97	03	1	945	83	4	6	4	4	0	81	95	003	0	8	00	00	96	05	2	977	85	8	5	4	0	0	81	85	+	6	+	4	0.0	— 2.2	0.1	8
	Karachi (Ariport)	000	0	7	27	09	96	03	0	940	89	2	5	5	3	1	81	96	000	1	8	27	03	96	50	1	976	85	4	6	5	2	0	82	85	—	—	—	—	0.0	—	0.1	—
Hydera-bad	Nagarparker	000	0	8	18	02	97	99	3	002	93	6	6	6	0	0	82	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—						
	Chhor	000	0	7	23	09	96	03	2	936	98	4	5	7	2	0	75	00	000	0	7	23	00	96	02	2	973	84	3	5	6	3	0	79	83	—	—	—	—	0.0	—	0.1	7
	Hyderabad	000	0	6	23	05	97	02	1	922	07	1	2	9	3	1	77	08	000	0	7	18	02	97	02	2	964	89	7	0	9	3	0	79	86	+	9	+	5	0.0	— 1.8	0.1	9
	Badin	000	0	0	23	08	96	02	0	963	98	0	0	9	0	0	77	99	000	0	6	23	02	96	03	0	977	85	6	6	6	0	0	78	82	+	4	+	1	0.0	— 2.4	0.0	—
Khairpur	Padidan	000	0	5	03	00	96	03	2	911	10	3	4	7	3	0	67	11	000	0	6	18	05	96	03	2	956	93	3	4	7	1	0	77	87	—	—			0.0	—	0.0	—
	Nawabshah	000	0	3	18	05	96	02	0	916	08	3	0	9	3	0	74	11	003	2	7	13	03	96	17	2	956	86	7	0	9	8	0	81	81	—	—			0.1	—	0.1	4
	Sukkur	000	0	0	13	02	96	02	0	923	08	0	0	9	0	0	78	12	000	2	0	13	05	93	07	4	972	90	0	0	9	0	0	74	89	—	—			0.0	—	0.0	—
	Kashmore	003	0	0	18	02	98	02	0	918	08	0	0	9	0	0	76	10	003	9	4	36	17	98	05	9	972	88	0	0	9	0	4	76	88	—	—			0.0	—	0.0	4
	Jacobaba	000	0	0	09	05	97	01	0	903	09	0	0	9	0	0	76	10	000	0	0	09	12	96	05	0	971	91	0	0	9	0	0	78	88	+	1	+	3	0.0	— 0.7	0.3	20
unagadh	Veraw																																								26
	HILL STATIONS																																								
Kashmir	Srinagar **																																								
	Gulmarg **																																								
	Sonamarg **																																								
	Dras **																																								
	Leh **																																								
	Skardu **																																								
	Misgar **																																								
	Aliabad **																																								
	Gilgit **																																								
Rawalpindi	Murree	000	0	8	09	10	96	03	1	437	64	8	9	3	/	/	60	73	010	9	2	27	03	98	01	6	427	64	/	1	4	0	0	59	60	+	1	+	1	5.0	— 4.5	23.6	18
Peshawar	Drosh **	043	7	7	00	00	96	17	5	386	80	7	4	9	7	7	0	58	058	0	0	00	00	99	02	0	440	70	0	0	9	0	0	60	63	—	14			—	—	—	29
	Cherat **	024	/	7	00	00	97	01	6	431	80	7	7	6	0	0	67	82	024	0	0	18	02	98	00	0	426	73	0	0	9	0	0	64	//	—	7	—	10	0.3	— 2.7	9.7	—
	Kakul **	080	4	8	31	07	96	03	4	439	76	8	7	7	4	/	64	82	080	9	0	18	02	98	01	1	393	77	0	0	9	0	0	59	64	—	—	/		2.2	—	12.9	—
	Landikotal **	000	0	8	05	05	94	02	2	438	78	8	7	6	0	0	67	85	003	0	0	05	02	98	02	0	424	77	0	0	9	0	0	66	68	—	—	—	—	—	—	—	29
	Parachinar **	000	0	2	16	07	97	02	1	430	82	3	3	3	/	0	60	85	003	0	0	05	02	98	02	0	429	72	0	0	9	0	0	56	59	—	2	—	—	—	—	—	13
D.I. Khan	Miranshah	000	0	4	05	05	97	00	0	401	96	4	0	9	0	0	58	95	000	0	0	03	05	99	00	0	417	85	0	0	9	0	0	62	79	—	—	—	—	0.4	— 1.3	1.8	11
	Wana	000	0	4	13	02	98	03	0	437	91	4	3	8	0	0	58	96	030	0	0	05	03	99	00	0	438	76	0	0	9	0	0	80	72	—	—			—	—	—	11
Quetta	Fort Sandeman **	000	0	6	05	09	97	03	2	383	93	5	4	7	3	0	54	99	002	9	1	07	02	96	01	9	421	77	1	0	9	0	0	65	73	—	1	—	2	0.3	— 1.3	4.5	—
	Hindubagh **	000	0	8	13	05	97	01	0	367	87	1	1	8	0	0	33	98	000	0	0	00	00	96	02	0	444	73	0	0	9	0	0	61	68	—	—			0.0	— 0.1	2.7	9
	Loralai **	000	0	6	27	02	98	01	0	395	96	0	0	9	0	0	55	98	000	0	6	27	02	98	01	0	390	75	8	1	8	0	8	45	57	—	—			0.0	—	0.0	14
	Barkhan **																																								9
	Harnai **	000	0	0	00	00	96	02	0	377	03	0	0	9	0	0	56	04	000	0	0	00	00	96	02	0	426	87	0	0	9	0	0	64	//	—	—			0.5	— 1.2	2.3	8
	Samungli (Quetta) **	000	0	0	31	05	96	01	0	339	93	0	0	9	0	0	64	96	000	0	0	02	05	96	05	0	422	78	0	0	9	0	0	61	72	—	—			0.0	— 0.2	216	—
	Chaman **	000	0	0	27	05	97	00	0	406	96	0	0	9	0	0	49	03	030	0	0	09	05	97	00	0	411	84	0	0	9	0	0	50	78	+	2	+	2	0.0	— 0.1	2.7	—
	Nushki **	000	0	0	27	07	97	02	0	461	03	0	0	9	0	0	88	06	003	0	0	05	03	97	02	0	478	09	0	0	9	0	0	75	80	—	—			0.0	—	0.0	4
	Dalbandin **	000	0	1	31	09	97	03	0	413	05	0	0	9	1	0	31	07	000	0	0	05	03	97	02	0	423	83	0	0	9	0	0	32	76	—	2	+	2	0.0	— 0.1	0.6	7
Kalat	Kalat **	000	0	0	31	03	96	02	0	335	84	0	0	9	0	0	58	88	000	0	0	13	02	97	02	0	412	76	0	0	9	0	0	57	60	—	3	—	2	0.0	— 0.5	1.3	—
	Khuzdar **	000	0	7	13	02	95	05	4	372	97	5	5	6	2	0	51	01	000	8	2	35	02	96	02	9	406	82	2	5	6	0	0	60	76	—	—			0.5	—	4.8	5
	Panjgur **	000	0	2	31	07	95	05	0	437	05	0	0	9	3	0	84	07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+	4						

† Given in Code.

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

** These stations report for PP?, 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

TUE DAY THE 15th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_gt_g	$8N_sCh_sh_s$	$OT_xT_xT_dT_d$	$1T_wT_wT_{w_1}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
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
		PoPoPo ToToTo DoDo	hhh TTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	001 256 09	...	450 198 0/	122 118 14	589 001 09	673 113 99	979 263 47	257 499 / /	...	...	...	...	...
Dacca ...	00 00	002 270 13	...	360 176 / /	973 106 31	572 033 45	746 133 34	961 249 58	244 465	429 611 / /	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	999 930 34	004 704	400 214 30	047 114 27	576 051 / /	747 141 / /	559 761 / /	245 481 / /	...	...	...	...	...
Multan ...	00 00	984 266 32	...	400 264 65	012 174 / /	587 015	766 095 / /	984 181 / /	275 375 / /	...	...	...	...	...
Peshawar ...	00 00	958 254 58	...	000 224 56	057 241 57	578 061 / /	751 111 / /	568 185 / /	...	...	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT Ta DD								Max. Wind Speed	TROPOPAUSE		
										PmPmPm dmdm fmfmfm			
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 219 11	864 248 10	829 245 11	800 118 / /	600 052 / /	523 112 / /	313 250 46	414 973 / /	...	...	...	...
Dacca ...	00 00	900 194 23	830 148 19	600 048 33	350 181 56	250 583 43	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	984 266 32	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

PPP – Pressure in hundreds tens and units of millibars.
DD – Daw 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.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T† of Previous day (dd fff)									At 0000 hrs. G.M.T † of date(dd fff)						At 0600 hrs. G.M.T. † of Previous day (dd fff)									
	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	3.4	5.4	5.4	6.0	7.2	0.9
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	140 07	160 13	160 13	160 13	160 11	160 12	180 15	...	...	...	...	...	...	...	...	160 15	165 15	180 12								
Chaklala ...		360 13	015 09	335 06	295 06	275 08	...	...	...	...	...	...	...	...	...	...	225 01	140 04	120 06	340 04	...	...	...	...	...	...
Chhor ...	225 15	230 11	230 08	275 05	...	...	...	...	...	250 18	240 20	...	180 12	...	...	180 08	170 10	145 14	155 06	050 10	...	...	...	...	...	...
Chittagong ...	150 20	150 20	170 20	170 20	160 30	160 40	...	...	...	...	...	...	...	...	...	085 23	100 13	105 13	110 27	...	...	...	...	...	...	...
Cox's Bazar ...							...	...	...							170 17	175 18	180 17								
Dacca ...	150 10	175 12	/// //	155 13	175 27	170 23	...	...	...	150 22	160 27	180 25	...	185 18	...	170 08	180 11	190 13	195 14	190 20	195 12	...	...	...	...	...
Dalbandin ...	...	...	305 15	240 18	290 13	149 5	230 11	245 15	270 15	...	...	300 06	235 12	015 15	330 13	...	...	...	040 03	025 06	045 08	170 13	155 05	120 11	045 37	040 66
D. I. Khan ...	...	...	...	...	...	...	...	...	...	290 07	305 11	345 03	020 03	040 05	...	315 15	315 19	325 23	325 25	035 15	095 21	055 18	015 25	015 37	035 33	345 09
Drosh ...	...	...	...	...	345 01	160 05	195 61	...	...	...	...	...	...	...	...	...	...	...								
Fort Sandeman ...				105 09	135 08	250 06	260 14	235 19	...																	
Jacobabad ...	085 01	170 02	160 06	140 06	200 07	050 10	030 13	050 18	350 12	095 03	080 36	...	035 06	225 05	245 09	080 24	080 31	060 35	060 41	065 44	005 22	300 09	285 06	015 04	075 05	200 09
Jessore ...	155 12	165 15	165 17	160 15	165 17	160 22	...	...	...	170 17	180 23	190 23	190 18	195 18	195 16	170 15	170 17	185 17	185 21	...	...	...	...	...	...	...
Jhelum ...	090 60	090 60	070 10	090 10	...	...	...	...	...	090 03	110 04	115 05	135 09	140 15	...	115 01	125 06	135 04	195 02	250 02	190 05	225 12	...	...	...	...
Jiwani ...	220 09	085 05	065 07	150 10	020 12	005 18	070 09	150 10	130 08	...	...	...	...	...	...	130 07	085 03	065 08	080 14	050 17	010 19	...	...	...	...	...
Karachi ...	240 / /	280 07	355 02	085 05	065 08	040 21	090 23	035 12	...							285 11	025 09	...								
Khanpur ...	275 06	295 07	020 12	275 09	025 21	005 11	...	030 21	045 25	360 11	015 13	020 17	330 09	...	...	315 15	315 19	325 23	325 25	035 15	095 21	055 18	015 25	015 37	035 33	345 09
Lahore ...	105 10	115 13	115 10	100 06	020 04	345 06	025 07	...	...	075 07	145 07	150 07	090 03	005 04	325 05	080 04	085 07	090 08	105 03	...	...	...	...	...	...	...
Multan ...	...	No	Asc ne	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	140 05	145 05	120 04	110 04	075 04	...	...	...	...	220 13	250 07	285 07	025 06	015 17	045 15	100 06	095 05	040 07	045 09	055 10	075 10	...	...	...	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	060 07	085 15	105 20	160 19	...	...	...	...	...	...	...	...	...	...	...	085 03	170 02	300 08	315 12	285 17	340 15	340 17	330 17	345 37	360 46
Quetta ...					290 58	305 00	310 13	310 13	325 25					305 12	295 20	...	...	...	.	250 10	285 09	245 14	240 25	265 32	.	...
Sargodha ...	035 07	045 07	075 06	210 03	...	...	...	...	...	000 07	215 03	155 04	040 03	315 07	320 19	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	230 09	215 15	210 14	/// //	...	...	...	...	...	190 16	202 24	...	...	...	...	180 05	180 09	225 12	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	260 / /	260 12	035 10	305 05	015 09	225 14	020 17	095 14	080 15	195 29	070 16	105 21	110 37	155 13	135 31	145 29	..	..
Peshawar ...																		
Quetta																		

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

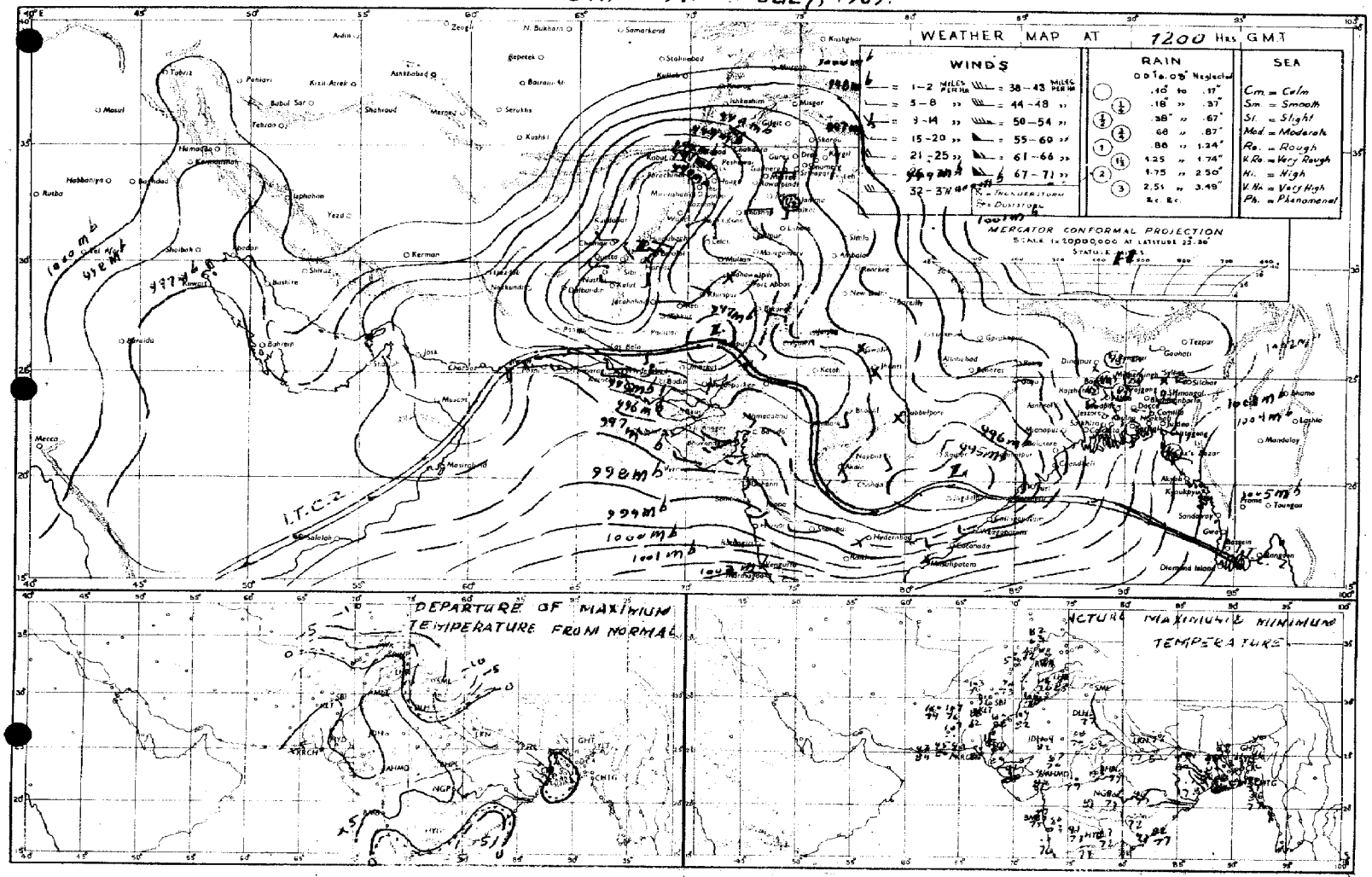
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

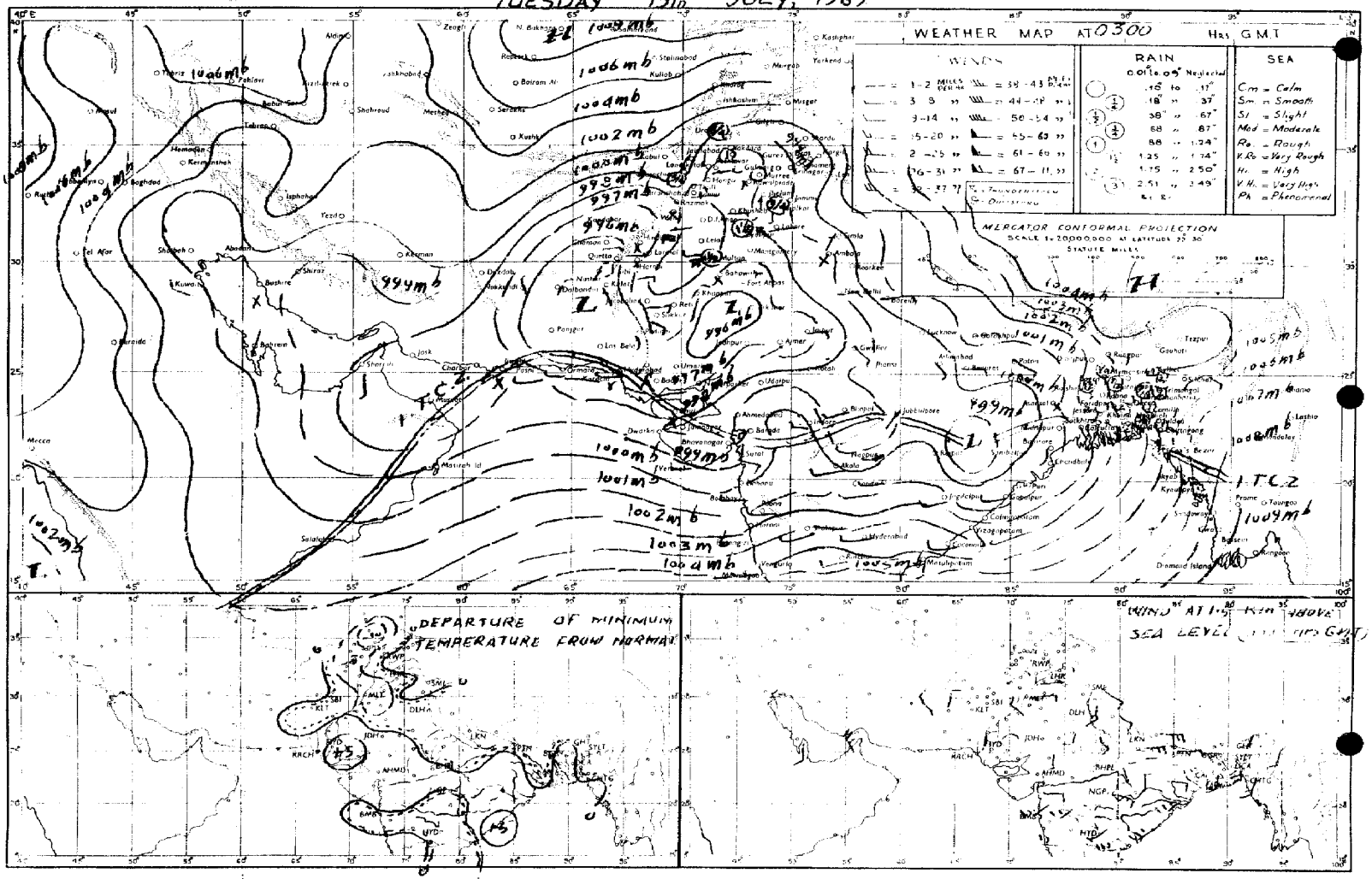
MONDAY 14th JULY, 1969.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 15th JULY, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY THE 16th JULY, 1969.

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

Yesterday's low pressure area over Orssia and neighbourhood has moved to east Utter Pradesh and neighbourhood. In its wake Monsoon is active over East Pakistan. Widespread rain/thundershowers have occurred in Chittagong, Dacca and Khulna divisions and local in Rajshahi division. Trough of low pressure over Sanrashtra persists. The easterly low pressure area over Rajasthan has weakned and now lies as a through of low pressure over northern parts of Rajasthan. Shallow incursion of monsoon easter lies continues in northern divisions of west Pakistan. A few thunderstorms/light showers have occurred in Rawalpindi and Kalat divisions and a few falls of light rain also in Karachi and Khairpur divisions.

Chief amounts of rainfall are: Cox's Bazar 2", Maijdee Court, Comilla, Barisal and Dinajpur (upto 000Z) 1½" each; Chittagong, Brahmanbaria, Sylhet and Narayanganj 3/4" each, Khulna, Satkhira, Faridpur and Rangpur ½" each; Rangamati, Srimangal, Mymensingh, Dacca and Rajshahi ¼" each.

Day temperatures were 2—4 °F (1—2 °C) below normal in Khairpur and Sargodha divisions.

Forecast valid until the evening of 17th July 1969 :—Fairly widespread rain/thudershowers are likely to occur in east Pakistan and scattered in Peshawar, Rawalpindi, Lahore and Sargodha divisions and Kashmir. A few dust/thunderstorms may also occur in Multan, D. I. Khan and Hyderabad divisions.

Karachi-11
The 16th July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

Divisions	Stations	Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Winds speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) ° (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud from † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud from † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in konts (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) * (PPP)	Dry Bulb temperature (TT)	Amounts of Lowest Cloud † (h)	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, 1969 to-date	Rainfall: Departure from normal	Rainfall: Since 1st January, 1969 to-date	Rainfall: Annual Normal
		At 12 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G. M. T. of date																						
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 ...	030	5	7	18	13	96	60	6	041	80	6	3	5	7	/	67	86	034	9	7	18	13	96	02	6	042	83	6	7	4	1	/	77	77	—	—	40.7	—	47.3	—
	Cox's Bazar ...	103	9	8	18	12	96	41	6	033	83	6	3	3	2	0	77	85	255	9	8	18	10	96	61	6	049	85	7	7	4	2	0	82	76	+ 9	— 1	—	—	—	140
	Chittagong ...	132	1	7	16	12	96	60	6	030	82	7	4	3	3	0	78	85	072	9	7	13	17	96	02	6	041	85	6	6	3	2	0	80	78	— 1	— 2	—	—	—	108
	Maijdee Court ...	00'	9	6	18	02	97	01	2	003	82	2	1	5	2	1	76	86	160	9	8	18	02	96	03	6	066	80	5	5	4	2	/	72	78	0	0	46.6	+15.4	58.8	115
	Comilla ...	055	3	7	18	05	96	02	2	014	82	/	4	4	0	0	78	87	163	8	7	18	05	96	02	6	028	80	/	4	4	/		79	71	— 1	— 6	66.6	+40.7	85.8	94
	Brahmanbaria ...	000	0	2	13	02	96	02	0	005	85	3	5	5	0	7	77	87	037	3	7	18	07	96	62	6	021	83	7	5	5	0	0	79	72	—	—	20.2	+ 0.3	31.8	78
	Sylhet ...	026	5	7	00	00	96	02	6	004	8	5	4	4	2	0	77	86	063	9	8	13	05	96	02	6	024	83	5	7	3	2	/	75	73	—	—	49.6	—	87.5	—
	Srimangal ...	022	9	7	00	00	96	02	6	017	80	4	8	4	3	1	77	89	022	9	7	00	00	96	02	6	027	80	4	5	5	7	2	77	78	— 1	—	—	—	—	98
Dacca	Mymensingh ...	017	4	6	00	00	97	02	2	005	85	6	5	5	0	0	76	87	023	9	9	00	00	97	02	2	015	85	6	5	5	0	0	79	80	— 1	+ 2	—	—	—	91
	Narayanganj ...	000	0	6	13	03	96	03	2	007	85	6	6	3	8	1	83	85	076	1	8	13	04	97	03	6	012	83	8	7	3	/	/	80	79	— 4	0	—	—	—	74
	Dacca (Tezgaon) ...	003	1	7	00	00	97	21	2	995	83	5	8	4	3	1	77	87	022	9	8	18	05	96	21	6	013	83	5	6	3	2	/	83	80	—	—	14.4	—	25.6	—
	Faridpur ...	038	0	4	16	02	97	02	6	002	85	3	5	5	1	0	78	90	038	0	8	16	05	97	50	2	008	83	6	4	5	1	0	79	79	+ 2	+ 1	17.0	— 2.3	30.5	71
Khulna	Barisal ...	008	3	7	18	05	97	02	6	004	82	5	4	4	2	0	78	85	165	3	8	18	02	96	60	6	024	73	7	7	4	2	0	78	77	— 2	— 2	20.6	— 2.8	31.6	81
	Khulna ...	063	4	4	00	00	97	03	0	998	85	2	0	4	4	0	81	90	057	2	4	00	03	97	03	0	011	83	0	4	4	0	0	//	80	+ 2	+ 2	13.6	— 6.5	30.4	68
	Satkhira ...	009	0	6	18	01	97	01	0	998	85	2	3	0	9	2	83	85	018	0	6	18	03	97	01	0	958	85	2	0	9	0	/	83	82	— 3	+ 4	11.1	— 8.3	16.4	65
	Jessore ...	015	2	6	18	07	97	02	9	987	85	2	1	6	1	8	78	93	015	9	7	18	03	97	02	9	002	83	2	7	3	3	/	78	81	—	—	—	—	—	65
Rajshahi	Pabna ...	000	0	4	13	05	99	01	2	984	87	4	8	6	0	0	81	90	000	0	6	13	05	97	03	1	977	87	6	8	6	0	0	82	80	—	—	11.8	—	2.3	59
	Siraiganj ...	000	0	4	9	02	97	02	2	989	86	4	4	6	0	0	80	87	000	0	6	13	02	98	02	2	003	83	6	2	6	0	0	79	80	— 1	+ 1	17.6	— 0.7	24.2	64
	Rajshahi ...	032	9	6	13	02	95	03	9	986	82	6	7	5	/	/	83	87	036	9	7	23	02	95	03	1	995	83	7	5	5	/	/	79	83	— 2	+ 1	18.2	— 1.0	32.3	—
	Bogra ...	000	3	6	13	05	96	01	6	986	86	4	5	4	7	1	83	90	030	0	7	09	03	96	02	2	997	85	4	4	4	0	8	79	80	+ 1	+ 1	14.8	— 4.8	25.8	69
	Dinajpur ...	035	3	6	07	02	96	02	6	988	85	3	5	6	3	/	83	90	...									...	...	...	...	...	...			+					72
	Rangpur ...	031	6	6	00	00	96	03	6	984	85	2	2	6	2	0	78	90	051	7	7	11	02	96	03	6	026	83	0	2	8	8	2	79	80	+ 1	+ 2	34.7	+ 7.4	53.4	84
Kashmir	Jammu ...																																								—
Lahore	Lahore (Jail Rd.) ...	000	0	3	09	05	96	01	1	957	91	1	5	6	3	0	72	93	000	0	2	30	12	96	03	0	969	87	1	1	6	7	0	66	93	— 7	—	0.7	— 3.7	5.3	19
	Sialkot ...	000	0	0	01	00	96	00	0	965	91	0	0	9	0	0	72	01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					32
Rawalpindi	Jhelum ...	000	9	2	13	03	98	02	0	950	95	2	2	6	0	0	76	96	000	7	3	00	00	97	02	9	971	87	2	5	7	3	0	73	80	—		—	—	—	—
	Islamabad ...																																			—					
	Rawalpindi ...	000	0	2	18	02	99	03	0	934	//	2	2	8	0	0	63	98	000	9	2	00	00	99	00	9	973	86	1	2	7	0	3	70	79	0	+ 2	—	—	—	36
	Campbellpur ...																																								—
Sargodha	Khushab ...	000	0	0	13	05	99	02	0	940	00	0	0	9	0	0	93	00	000	0	0	09	//	97	00	0	981	87	0	0	9	0	0	80	82	— 3	0	0.0	— 3.1	3.4	15
	Sargodha ...	000	0	1	13	07	97	03	0	941	00	1	1	6	3	0	72	00	000	0	1	00	00	97	01	0	977	86	1	0	9	3	0	73	80	—	—	1.9		5.8	—
	Lyallpur ...	000	0	4	36	02	96	02	0	938	90	0	0	9	0	0	67	98	000	0	0	00	00	96	00	0	968	82	0	0	9	0	0	77	80	— 4	— 2	0.0	—	—	12
Multan	Sahiwal ...																										960	82	0	0	9	0	0	77							10
	Multan ...	000	0	4	36	03	97	03	2	943	95	2	0	9	3	1	78	96	000	0	5	03	03	97	03	1	965	87	1	5	6	3	0	79	85	— 6	0	7.4	+ 6.0	10.4	7
	Leiah ...	000	0	0	36	01	95	00	0	935	05	0	0	9	0	0	78	05	...	...	...	...	...	...		...	...		...	...	...	...	...	...	...	—					8
Bahawalpur	Khanpur ...	000	0	5	05	05	97	01	2	923	02	1	2	5	0	1	70	05	000	0	0	00	00	96	05	0	953	94	0	0	9	0	0	73	85	0	+ 2	0.0	— 1.4	1.0	6
	Bahawalpur ...	000	0	0	00	00	96	00	0	934	00	0	0	9	0	0	64	02	000	0	0	03	00	96	00	0	964	91	0	0	9	0	0	74	79	— 1	— 5	0.1	— 1.2	1.3	6
	Fort Abbas ...	3//	/	2	05	02	58	00	2	899	11	2	0	9	0	0	78	11	000	0	0	05	02	98	00	0	952	95	0	0	9	0	0	72	79	—	—	—	—	—	8
Peshawar	Chakdra ...	000	0	1	23	02	97	03	0	916	96	1	1	7	0	0	81	98	000	0	0	00	00	97	02	0	955	82	0	0	9	0	0	72	76	—	—	1.4	—	10.8	—
	Peshawar ...	000	0	1	18	02	97	02	0	922	98	1	1	6	0	0	63	00	030	0	0	36	02	97	02	0	971	85	0	0	9	0	0	73	80	— 2	0	0.0	— 1.0	9.5	11
	Haripur ...																																								—
D. I. Khan	Bannu ...	000	0	3	13	02	99	01	1	935	96	0	0	9	0	7	34	98	000	0	5	13	01	99	01	1	973	86	0	0	9	4	5	77	80	—	—	—	—	—	11
	D. I. Khan ...	000	0	0	18	02	98	00	0	///	90	0	0	9	0	0	76	91	000	0	0	00	00	98	00	0	970	87	0	0	9	0	0	//	80	— 13	— 3	0.3	— 0.5	2.7	9
Quetta	Sibi ...	000	0	6	18	03	97	03	1	933	93	6	0	7	9	2	71	10	000	0	0	18	03	97	02	0	949	95	0	0	9	0	0	68	87	—	—	0.0	—	1.1	5
	Nokkundi ...	000	0	0	63	05	97	02	0	902	08	0	0	9	0	0	57	07	000	0	0	31	09	96	02	0	942	92	0	0	9	0	0	25	86	—	—	0.0	—	0.3	2
Kalat	Turbat ...	000	0	1	18	09	96	02	0	945	91	0	0	9	0	1	79	95	000	0	6	13	07	96	02	2	984	84	6	6	5	0	0	88	82	—	—	0.0	—	2.0	5
	Jiwani ...	000	0	0	25	12	97	02	0	963	91	0	0	0	0	0	78	94	000	0	0	31	02	55	02	0	996	85	0	0	9	0	0	80	80	+ 2	+ 2	0.0	— 0.5	0.0	6
	Pasni ...																																								
Karachi division	Ormara ...	000	0	6	18	10	96	06	6	959	90	1	6	6	0	0	83	//	000	0	6	00	00	96	06	6	987	86	2	6	6	3	0	82	//	/	/	0.0	— 0.3	0.6	6
	Lasbela ...																																								8
	Karachi (Manora) ...	004	8	8	27	12	97	03	5	956	87	3	3	4	2	1	81	90	004	0	7	27	05	96	03	2	977	87	7	0	9	5	0	82	85	+ 1	+ 4	0.1	— 2.3	0.1	8
	Karachi (Ariport) ...	007	6	7	25	12	96	02	6	960	88	3	5	5	2	0	81	91	007	9	7	23	03	96	03	1	998	86	4	6	5	2	0	81	84	—	—	0.1	—	0.1	—
Hyderabad	Nagarparker ...	000	0	8	09	02	97	02	0	979	79	6	6	6	0	0	78	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Chhor ...																																								7
	Hyderabad ...	000	0	6	00	00	97	02	2	939	01	6	0	9	3	0	74	01	000	0	7	23	02	97	03	2	964	89	7	0	9	3	0	79	86	+ 2	+ 5	0.0	— 2.0	0.1	9
	Badin ...	000	0	5	31	06	96	03	0	963	96	5	5	5	0	0	76	98	000	0	4	23	03	96	03	0	993	85	0	0	9	0	0	79	83	+ 3	+ 1	0.0	— 2.5	0.0	—
Khairpur	Padidan ...	000	0	7	27	05	95	05	2	938	96	2	5	7	2	0	73	97	000	0	2	18	03	97	01	1	959	91	2	0	9	3	0	80	87	—	—	0.0	—	0.0	—
	Nawabshah ...	006	9	4	00	00	96	01	1	941	00	4	0	/	3	0	78	01	007	9	7	18	05	96	03	2	961	91	7	0	9	1	0	80	83	—	—	0.1	—	0.1	4
	Sukkur ...	000	8	0	13	05	93	07	4	938	06	0	0	9	0	0	77	06	000	9	0	13	02	//	//	/	956	94	0	0	9	0	0	80	89	—	—	0.0	—	0.0	—
	Kashmore ...	000	0	0	00	00	98	02	2	941	02	0	0	9	0	0	70	04	000	0	0	00	00	98	02	0	980	88	0	0	9	0	4	72	86	—	—	0.0	—	0.0	4
	Jacobabad ...	000	0	1	08	05	96	05	0	920	05	0	0	9	0	0	79	//	000	0	0	18	02	96	05	0	958	90	0	0	9	0	0	79	00	— 3	+ 4	0.0	— 0.7	0.3	20
Junagadh	Verav ...																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar * ...																																								71
	Gulmarg ** ...																																								26
	Sonamarg ** ...																																								3
	Dras ** ...																																								6
	Leh ** ...																																								—
	Skardu * ...																																								—
	Misgar ** ...																																								5
	Aliabad * ...																																								59
	Gilgit * ...																																								
Rawalpindi	Murree * ...	000	0	6	20	93	98	02	1	406	70	6	5	2	0	0	58	73	000	0	6	27	03	97	02	/	433	63	6	5	2	0	0	60	60	— 1	+ 2	5.0	—	23.6	18
Peshawar	Drosh * ...	000	0	0	23	10	99	01	0	373	93	0	0	9	0	0	43	96	000	0	0	00	03	99	02	0	422	77	0	0	9	0	0	56	//	0	— 4	—	—	—	29
	Cherat * ...	000	0	0	18	02	98	00	0	411	90	0	0	9	0	0	76	91	000	0	0	18	02	98	00	0	461	76	0	0	9	0	0	66	//	+ 2	/	0.3	— 3.0	9.7	—
	Kakul * ...	000	0	1	18	05	95	05	1	409	85	1	0	9	2	0	58	87	000	0	6	27	02	97	03	2	418	79	6	2	4	0	0	66	73	—	—	2.2	—	13.0	—
	Landikotal * ...	000	0	0	31	05	98	02	0	389	90	0	0	9	0	0	67	98	000	0	0	31	05	98	02	0	416	80	0	0	9	0	0	72	73	—	—	—	—	—	29
	Prachinar * ...	000	0	1	16	03	98	02	0	430	85	1	1	7	0	0	54	85	000	0	1	00	00	98	01	0	424	76	1	5	6	3	0	63	66	— 2	—	—	—	—	13
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	401	93	0	0	9	0	0	54	96	000	0	0	05	05	99	00	0	407	85	0	0	9	0	0	64	80	—	—	0.4	— 1.4	1.8	11
	Wana * ...	000	0	0	12	02	98	00	0	417	90	0	0	9	0	0	78	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			—					11
Quetta	Fort Sandeman * ...	000	0	2	18	05	97	03	0	380	97	2	4	7	0	0	39	98	000	0	0	05	03	97	02	0	418	80	0	0	9	0	0	64	76	— 2	+ 1	0.3	— 1.4	4.5	—
	Hindubagh * ...	000	0	7	27	03	95	03	0	386	98	7	1	6	0	0	07	99	000	0	0	00	00	97	02	0	437	80	0	0	9	0	0	55	67	—	—	0.0	—	3.3	9
	Loralai * ...	000	0	0	18	02	98	00	0	399	94	0	0	9	0	0	45	95	000	0	0	18	02	//	00	0	385	70	0	0	9	0	0	55	//	—	/	0.0	—	0.0	—
	Barkhan * ...																																								14
	Harnai * ...	000	0	0	00	00	96	02	0	385	98	0	0	9	0	0	66	99	000	0	0	00	00	96	02	0	398	90	0	0	9	0	0	68	//	—	—	0.5	— 1.3	2.3	9
	Samungli (Quetta) * ...	000	0	2	36	12	96	05	0	386	95	2	3	6	0	0	//	97	000	0	0	00	00	95	05	0	420	70	0	0	9	0	0	61	65	—	—	0.0	— 0.2	2.6	8
	Chaman * ...	000	0	0	36	05	97	00	0	406	98	0	0	9	0	0	53	05	000	0	0	18	05	97	00	0	411	86	0	0	9	0	0	53	82	+ 3	+ 6	0.0	— 0.1	2.7	—
	Nushki * ...	000	0	0	00	00	97	02	0	471	04	0	0	9	0	0	83	07	000	0	0	07	05	97	02	0	461	91	0	r		0	0	76	82	—	—	0.0	—	0.0	4
	Dalbandin * ...	000	0	0	13	02	97	02	0	403	05	0	0	9	0	0	26	07	000	0	0	31	03	97	02	0	425	84	0	0	9	0	0	25	73	— 2	— 4	0.0	— 0.0	0.6	7
Kalat	Kalat * ...	000	0	3	31	02	96	02	1	376	87	0	2	9	0	0	64	91	000	0	0	13	02	97	02	0	415	73	0	0	9	0	0	59	60	0	— 2	0.0	— 0.5	1.3	—
	Khuzdar * ...	000	0	7	13	03	95	05	9	393	87	2	5	6	2	0	63	93	000	0	3	23	02	96	03	9	409	81	0	0	9	0	0	61	77	—	—	0.5	—	4.8	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 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

WEDNESDAY THE 16th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

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

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	000 255 608	...	420 203 36	102 108 33	815 230 40	...	973 259 //	255 465 //	...	...	...	...	...
Dacca ...	00 00	999 270 13	...	350 198 09	C85 102 40	583 C21 08	758 121 01	974 251 58	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	995 300 34	...	350 220 05	997 100 //	571 045 //	742 161 //	954 271 //	239 335 //	...	...	...	...	...
Multan ...	00 00	598 294 42	...	400 824 57	079 154 50	582 C51 //	753 185 //		...	...	...	...	...	...
Peshawar ...	00 00	557 278 56	...	480 256 57	068 114 50	582 014 //	760 029 //	583 135 //	274 245 //	...	...	...	...	...
Quetta ...														
Sargodha ...	00 03	986 270 40	...	450 255 8/	151 191 7/	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed	TROPOPAUSE	
											PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	903 230 10	800 158 41	600 040 36	350 173 3/	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 224 10	800 180 21	600 040 42	350 177 44	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 03	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP – Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd fff) 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
Bogra ...	180 1/	195 20	...		...	...	..	...	...	175 14	185 15	195 15	/// //	210 13	/// //
Chaklala ...	..	170 /1	175 05	160 09	285 06	...	...		...	..	100 04	130 04	270 08	260 06	...
Chhor ...	...	...	..	...	...	...	..	...	...	250 18	250 20	230 12	165 07	075 11	...
Chittagong ...	165 15	170 15	170 17	/// //	170 /3	...	...	...	...	...	..	...	...	..	...
Cox's Bazar ...	175 22	190 18	195 24	..	...	...	...	...	...	180 13	180 18	195 20	210 22	215 26	..
Dacca ...	170 17	175 13	185 15	190 30	190 26		...	..	...	185 19	205 17	210 19	//. //	210 04	/// //
Dalbandin ...	...	...	140 02	145 04	C05 08	185 04	030 06	325 04	330 06	...	...	250 50	035 03	295 07	335 01
D. I. Khan ...	/1 / 02	195 07	180 07	145 11	125 13	310 05	325 15	325 00	325 27	105 10	135 09	110 57	195 03	215 C4	330 06
Drosh ...	...	..	...	225 19	215 19	220 11	180 05	005 15	/20 0/	—	...	—	180 01	220 C3	075 10
Fort Sandeman ...	...	...	...	330 C4	240 C8	220 09	260 17	280 21	310 18	...		...	030 06	350 02	330 14
Jacobabad ...	175 05	119 06	195 00	010 10	305 10	355 11	310 25		311 52	180 09	185 12	175 09	150 08	1:5 07	...
Jessore ...	190 12	185 28	195 31	195 30	200 32	220 23	...		...	210 19	230 29	225 29	230 27	...	...
Jhelum ...	150 08	150 11	150 04	260 03	310 1/	290 17	285 19	290 21	300 /7	120 03	125 C4	325 02	320 88	355 06	010 13
Jiwani ...	185 14	155 09	110 04	345 05	345 14	355 02	275 14	230 03	360 03	110 09	045 11	040 05		...	...
Karachi ...	260 14	280 C8	C45 12	045 14	030 13	030 13		..	...	...			...		...
Khanpur ...	335 11	235 09	325 10	/35 06	005 20	070 10	C60 09	015 15	012 0/	175 03	205 10	245 13	280 04	210 05	280 10
Lahore ...	115 07	130 07	130 10	095 09	065 10	C05 13	339 25	..	325 53	105 05	C80 54	050 C4	C50 09	005 12	010 20
Multan ...	095 08	C80 C8	075 09	055 C4	315 06	300 19	271 07	280 25	..		...		...		
Nawab Shah .	295 07	350 03	355 04	040 12	C45 19	040 15	..	..	..	210 15	205 12	205 10	225 06	060 08	015 05
Panjgur ...	...	...	...	..	...	...	...	..		...	...		...	...	
Peshawar ...	...	095 05	135 07	185 C7	315 06	321 11	360 25	005 29	364 03	...	310 1/	315 14	240 18	240 12	015 11
Quetta ...	...	...	...	...	325 C8	325 13	250 10	055 22	035 39	..	...	...	...	200 02	315 09
Sargodha ...	...				...	..	..	...	...	110 01	110 03	C80 C6	310 04	310 05	340 14
Sylhet ...	180 12	185 15	210 19	210 29	...	...	...	...	...	175 17	118 55	007 //	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	..	..	...	..	

Height in Kms. a.s.l. —>	At 0600 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	180 12	185 12	185 15				...	...	...	...	...
Chaklala ...		240 05	250 05	300 08	320 14	325 16	020 09	...	295 11	...	...
Chhor ...	205 21	210 25	200 25	(00 17	240 C8	090 06	...	..	...	...	
Chittagong ...	170 18	170 25	185 34	200 15	...	...	..	...		...	.
Cox's Bazar ...	185 35	190 25	210 25	...	...	...	...	...	...	...	...
Dacca ...	185 19	200 29	200 31		205 27	...	...	...	...		...
Dalbandin ...	...	...	090 02	025 04	345 05	020 06	035 11	060 21	070 31	...	...
D. I. Khan ...	100 03	250 5/	145 06	155 03	070 01	290 03	330 C6	335 09	345 12	...	...
Drosh ...	...	..	...	...		...	...	..		...	...
Fort Sandeman ...	...	...	...	360 01	335 C5	330 10	330 20	315 21	295 28	...	...
Jacobabad ...	160 05	165 05	175 05	240 09	275 10	300 10	...	...	..	...	...
Jessore ...	...	...			...	...	..	..		...	..
Jhelum ...	210 05	225 C4	285 C8	305 16	325 13	331 09	350 15	020 30	010 23	...	...
Jiwani ...	130 06	130 08	025 02	310 07	335 03	..	...	...	..	..	...
Karachi ...	275 14	280 14	285 10	...	...	...	...			...	...
Khanpur ...	250 06	255 08	215 09	215 09	245 13	260 15	310 24	305 25	300 17	...	...
Lahore ...	170 18	170 25	185 34	200 15	...		...			...	...
Multan ...	/70 07	060 07	060 07	265 21	285 2/	288 09	335 20	335 2/	355 27	...	...
Nawab Shah .	...	...	...	...		...		...	..	..	...
Panjgur ...	...	...	...		...					...	.
Peshawar ...	...	030 6/	345 C2	305 05	270 05	300 21	350 09	010 23	245 12	...	...
Quetta ...	..			...	005 C3	315 17	340 14	09? //	135 17	...	...
Sargodha ...	115 02	215 03	335 08	310 09	330 11	320 17	360 17	010 33	025 40	.	...
Sylhet ...	200 22	200 26	...	...	...	...	.	...	—	...	...
Veraval ...	...	.	...	..	...	...	...	.	...	...	...

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

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

Height in g.p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ... Dacca ... F.R. Sargodha ... Karachi . Peshawar ... Quetta	240 08	275 10	260 12	330 C6	020 06	055 12	023 32	040 20	050 15	...	.	...	...	...	...	...	...	...

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

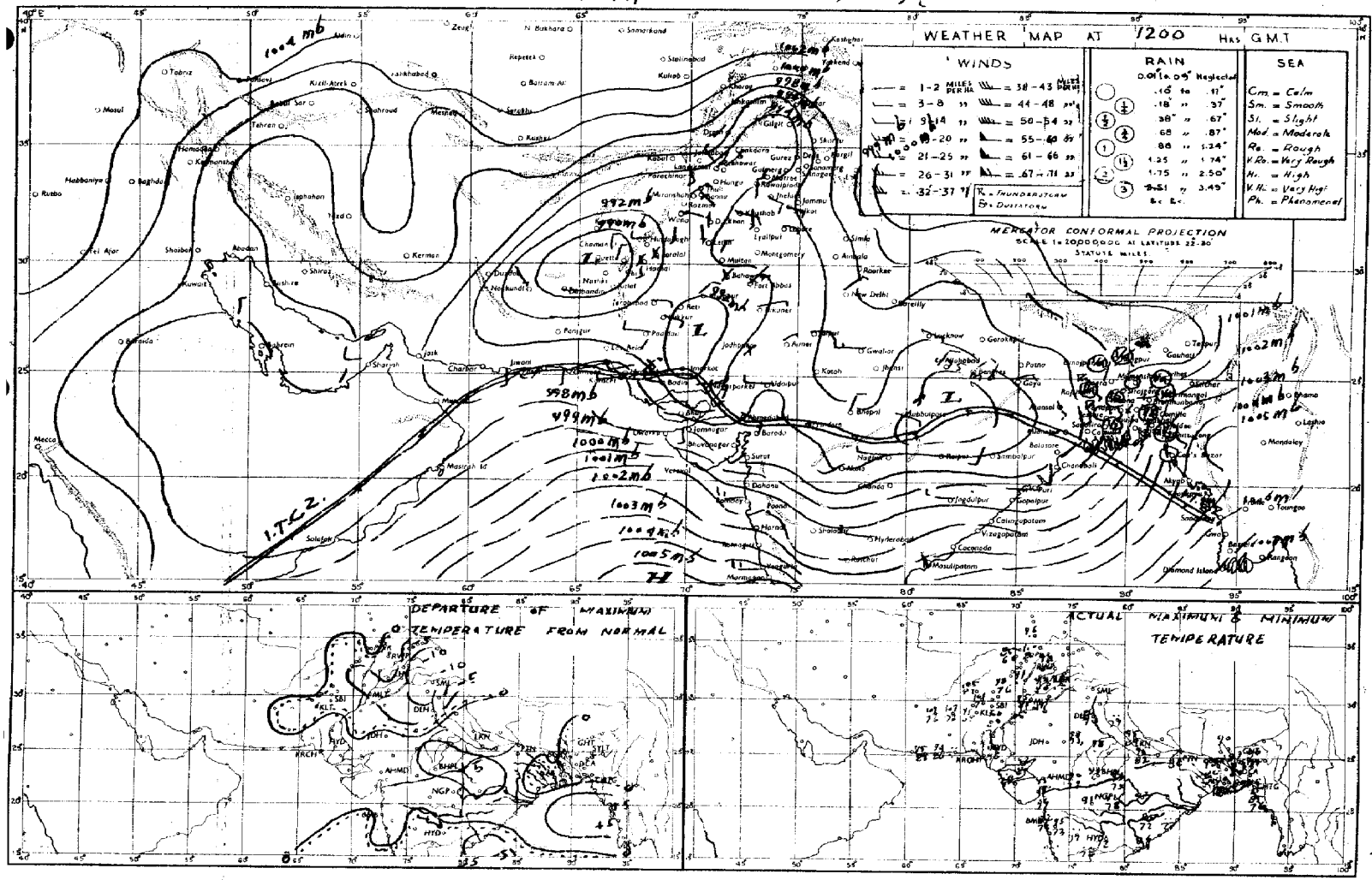
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

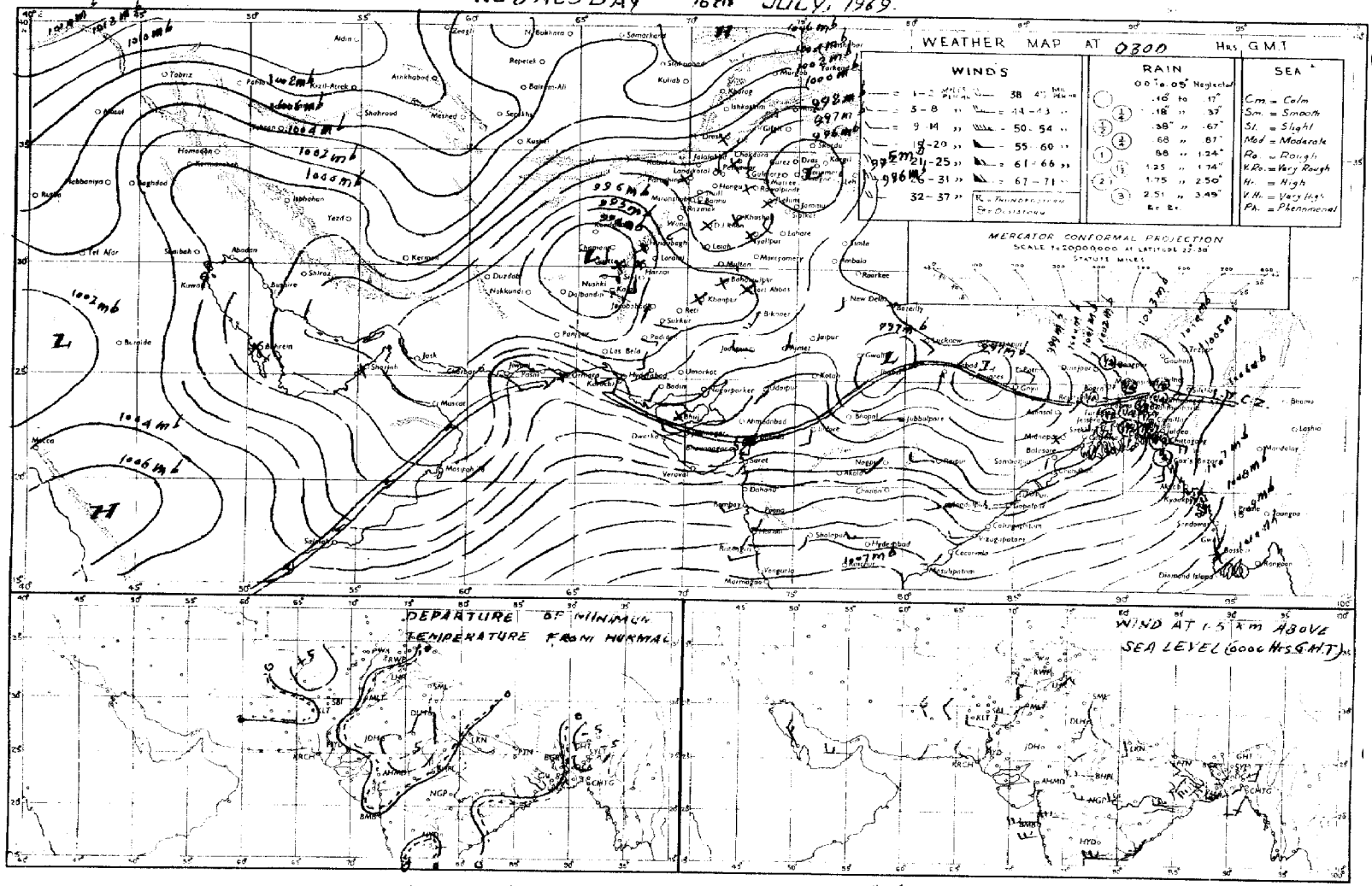
TUESDAY 15th JULY, 1969



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 16th JULY, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

THURSDAY THE 17th JULY, 1969.

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

Yesterday's low pressure area over east Uttar Pradesh and neighbourhood has merged with the monsoon trough which extends from Indian Punjab to East Pakistan. Monsoon continues to be active over East Pakistan. Widespread rain/thundershowers have occurred in Chittagong, Dacca and Rajshahi divisions and fairly widespread in Khulna division. Trough of low pressure over sanrashtra has become unimportant. The low pressure area over Rajasthan has merged with the seasonal trough of low pressure which extends from Kalat division to D. I. Khan division. Incursion of monsoon easterlies into northern divisions of west Pakistan has became more marked. A few dust/thunderstorms have occurred in Rawalpindi division and dry weather prevailed elsewhere over West Pakistan.

Chief amounts of rainfall are : Brahmanbaria and Barisal 4″ each, Chittagong, Comilla 2″ each, Cox's Bazar, Faridpur and Rajshahi 1½″ each, Maijdee Court (upto 0000Z), Khulna, Dinajpur 1″ each, Sylhet, Narayanganj and Rangpur ½″ each, Rangamati and Srimangal (upto 0000Z), Dacca, Mymensingh and Bogra ¼″ each.

Day temperatures were 2—5 °F (1—3 °C) above normal in Rajshahi, Rawalpindi, Hyderabad divisions and were 2—5 °F (1—3 °C) below normal in Khulna division.

Forecast valid until the evening of 18th July 1969 :—Fairly widespread rain/thudershowers are likely to occur in East Pakistan and local in Lahore and Rawalpindi divisions and Kashmir. A few dust/thunderstorms may also occur in Quetta, D. I. Khan, Peshawar, Sargodha and Multan divisions.

Karachi-11
The 17th July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Winds speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths) ° PPP	Dry Bulb temperature ° TT	Amount of Lowest Cloud † Nh	Low Clod from † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud from † 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	117	2	8	18	18	95	61	6	034	81	5	4	3	6	/	79	83
	Cox's Bazar	060	7	7	13	12	96	63	6	005	81	3	4	4	2	0	79	86
	Chittagong	018	9	7	18	05	96	60	6	018	81	6	3	4	2	/	76	85
	Maijdee Court	000	0	3	18	05	96	02	1	993	82	3	4	7	0	0	79	82
	Comilla	000	0	6	18	07	97	03	1	985	82	6	5	5	0	0	78	87
	Brahmanbaria	008	9	8	18	08	96	02	6	991	82	9	6	4	2	/	76	86
	Sylhet	000	0	3	00	00	96	02	0	994	82	0	0	9	/	2	76	87
	Srimangal																	
Dacca	Mymensingh	016	5	4	00	03	97	02	0	983	85	4	5	5	0	0	77	90
	Narayanganj	018	0	8	13	05	96	03	7	982	82	8	6	3	/	/	79	82
	Dacca (Tezgaon)	032	9	6	18	05	97	01	6	976	85	6	8	4	3	0	79	85
	Faridpur	003	0	5	16	02	97	02	6	991	82	4	5	5	1	0	79	88
Khulna	Barisal	025	9	7	18	05	97	01	6	983	82	5	8	4	2	0	78	88
	Khulna	010	6	4	00	00	90	30	0	989	82	2	2	4	0	0	//	82
	Satkhira	000	1	6	23	01	97	01	0	998	85	2	3	9	0	0	81	82
	Jessore	001	1	7	15	08	97	20	6	///	85	4	6	3	7	0	81	88
Rajshahi	Pabna	013	8	6	18	05	98	01	6	060	86	4	8	6	0	3	82	90
	Sirajganj	000	0	8	9	03	97	02	2	968	85	8	0	7	8	0	81	88
	Rajshahi	019	9	7	00	00	94	03	1	961	86	7	7	4	/	/	81	90
	Bogra	011	5	7	13	03	96	//	6	963	85	4	4	4	3	8	81	88
	Dinajpur	045	2	7	09	02	96	02	6	976	85	4	5	6	2	/	82	94
	Rangpur	024	8	4	09	02	96	01	6	987	85	1	2	6	1	0	76	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	3	31	02	96	02	0	917	00	2	2	6	3	0	68	00
	Sialkot																	
Rawalpindi	Jhelum	000	0	3	13	05	97	01	1	899	00	3	2	6	0	0	73	02
	Islamabad	000	0	3	00	00	96	02	0	///	00	3	5	7	0	0	57	01
	Rawalpindi	000	0	2	27	02	99	00	0	870	00	0	0	9	7	0	72	02
	Campbellpur																	
Sargodha	Khushab	000	0	0	18	//	98	00	0	899	04	0	0	9	0	0	91	04
	Sargodha	000	0	1	23	05	98	01	0	901	04	1	1	6	0	0	72	04
	Lyallpur	000	0	0	16	02	96	00	0	903	93	0	0	9	0	0	72	98
Multan	Sahiwal	000	0	0	00	00	97	01	0	903	00	0	0	9	0	0	80	02
	Multan	000	0	0	36	01	95	00	0	935	05	0	0	9	0	0	78	05
	Leiah																	
Bahawalpur	Khanpur	000	0	0	27	03	96	05	0	896	05	0	0	9	0	0	73	07
	Bahawalpur	000	0	0	00	00	96	00	0	925	05	0	0	9	0	0	63	07
	Fort Abbas	///	/	0	00	00	98	00	0	897	14	0	0	9	0	0	85	15
Peshawar	Chakdra	000	0	0	23	02	97	02	0	068	99	0	0	9	0	0	85	00
	Peshawar	000	0	1	36	02	96	06	0	872	02	1	1	6	0	0	63	02
	Haripur	000	0	0	18	03	98	00	0	880	00	0	0	9	0	0	63	02
D. I. Khan	Bannu	000	0	4	13	02	99	02	1	888	00	0	0	9	4	0	72	02
	D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Sibi	000	0	6	18	03	97	03	1	891	13	4	2	9	4	2	12	14
	Nokkundi	000	0	1	31	14	96	02	0	894	10	0	0	9	0	0	53	12
Kalat	Turbat	000	0	0	23	15	96	00	0	899	07	0	0	9	0	0	83	07
	Jiwani	000	0	7	18	09	96	03	2	956	87	2	0	9	3	2	79	91
	Pasni	000	0	0	25	08	97	02	0	966	92	0	0	0	0	0	78	92
Karachi division	Ormara	000	0	3	27	12	96	04	4	965	89	1	6	6	3	0	85	90
	Lasbela	000	0	0	13	03	97	00	0	918	86	0	0	8	0	0	80	88
	Karachi (Manora)	000	0	5	25	10	97	03	1	954	88	5	6	4	0	0	81	90
	Karachi (Ariport)	000	0	6	27	10	96	02	2	953	88	6	6	5	0	0	78	92
Hyderabad	Nagarparker	000	0	8	18	02	97	99	3	002	93	6	6	6	0	0	81	95
	Chhor																	
	Hyderabad	000	0	2	23	10	97	01	1	920	00	0	0	9	0	1	78	05
	Badin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khairpur	Padidan	000	0	0	18	05	97	02	0	909	09	0	0	9	0	0	69	10
	Nawabshah	000	0	0	18	05	96	01	0	920	08	0	0	9	0	0	75	09
	Sukkur	000	0	0	23	05	96	02	0	910	06	0	0	9	0	0	78	08
	Kashmore	000	0	4	18	03	98	03	0	922	08	0	0	9	0	4	72	10
	Jacobabad	000	0	0	18	10	96	05	0	890	09	0	0	9	0	0	78	10
unagadh	Verav																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	4	29	05	97	01	1	374	76	4	1	4	0	0	63	76
Peshawar	Drosh *	000	0	0	23	09	99	02	0	338	00	0	0	9	0	0	40	04
	Cherat *	000	0	0	18	02	98	00	0	484	96	0	0	9	0	0	72	96
	Kakul *	000	0	7	23	02	97	03	2	405	82	7	3	4	0	0	72	87
	Landikotal *	000	0	0	31	05	98	02	0	366	03	0	0	9	0	0	59	03
	Prachinar *	000	0	0	16	03	98	02	0	373	88	0	0	9	0	0	62	88
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	376	98	0	0	9	0	0	67	98
	Wana *	000	0	0	00	00	99	00	0	403	96	0	0	9	0	0	81	96
Quetta	Fort Sandeman *	000	0	0	32	03	97	02	0	359	01	0	0	9	0	0	38	02
	Hindubagh *	000	0	0	20	03	97	02	0	367	97	0	0	9	0	0	33	98
	Loralai *	000	0	0	23	02	98	00	0	379	96	0	0	9	0	0	35	//
	Barkhan *	000	0	0	00	00	96	02	0	365	00	0	0	9	0	0	67	01
	Harnai *	000	0	0	00	00	98	02	0	371	98	0	0	9	0	0	43	02
	Samungli (Quetta) *	000	0	0	27	05	97	00	0	410	06	0	0	9	0	0	51	07
	Chaman *	000	0	0	23	05	97	02	0	453	08	0	0	9	0	0	91	09
	Nushki *	000	0	0	13	03	97	02	0	406	10	0	0	9	0	0	33	12
	Dalbandin *																	
Kalat	Kalat *	000	0	0	31	02	97	02	0	413	91	0	0	9	0	0	61	94
	Khuzdar *	000	0	0	36	05	97	01	0	371	02	0	0	9	0	0	36	03
	Panigur *																	

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

STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total clud amount N	Wind direction in tens of degrees dd	Wind speed in konts ff	Horizontal visiblity † VV	Present weather † ww	Past Weather W	Sea level pressure (mbs. and tenths) * PPP	Dry Bulb temperature TT	Amounts of Lowest Cloud † h	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, 1969 to-date	Rainfall: Departure from normal	Rainfall: Since 1st January, 1969 to-date	Rainfall: Annual Normal
2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Rangamati	142	9	8	18	20	96	21	6	017	82	7	7	3	2	0	77	77	— 2	0	18.2	+13.3	45.1	140
Cox's Bazar	236	9	8	20	16	94	63	6	016	77	6	7	2	2	/	77	76	0	— 1	43.8	+10.6	57.0	108
Chittagong	...	...	...	...		...		..	...	.	...	...	...	..	...	...		— 1					115
Maijdee Court	205	3	7	18	05	96	02	6	040	79	7	4	4	/	/	79	73	— 6	— 4	49.5	+23.2	68.7	94
Comilla	340	3	7	03	02	95	63	6	987	72	7	7	4	2	0	79	65	—	—	23.6	—33.3	35.3	78
Brahmanbaria	157	9	8	05	09	96	21	6	004	73	6	7	3	2	/	77	//	—	/	50.2	—	88.7	—
Sylhet	022	9	7	09	02	96	55	6	001	81	4	8	4	3	2	77	77	—	—	29.5	+ 2.8	51.0	58
Srimangal																							
Mymensingh	023	9	5	13	02	97	02	2	986	82	5	5	4	0	0	81	81	+ 2	+ 3	25.5	— 1.0	40.7	91
Narayanganj	053	3	8	31	02	97	//	/	983	79	8	7	3	/	/	72	//	— 6	/	20.2	— 0.6	43.6	74
Dacca (Tezgaon)	036	9	8	13	02	96	61	6	982	81	7	7	3	2	/	81	79	—	—	14.8	—	26.0	—
Faridpur	130	3	8	18	02	96	61	6	968	81	6	4	4	1	0	77	77	0	— 1	18.2	— 1.3	31.8	71
Barisal	343	2	8	18	02	95	63	6	987	81	7	4	2	0	0	79	65	+ 1	— 14	24.1	+ 0.6	34.0	81
Khulna	120	9	4	00	00	97	03	0	950	81	2	2	4	0	0	81	79	— 6	+ 1	14.7	— 5.8	20.8	68
Satkhira	000	1	6	18	02	96	01	0	998	85	/	/	/	/	/	81	82	— 7	+ 4	11.5	— 8.3	16.7	65
Jessore	118	8	8	23	03	96	60	6	975	81	4	6	3	2	/	79	78	—	—	17.5	— 1.0	25.8	65
Pabna	093	9	8	18	02	97	01	6	976	85	7	8	6	7	/	81	81	—	—	12.7	—	26.5	59
Sirajganj	097	3	8	00	00	97	65	6	977	81	8	7	6	0	0	81	81	0	+ 2	18.6	— 0.0	25.2	64
Rajshahi	142	9	8	18	02	94	60	9	971	82	8	7	4	8	2	79	73	+ 1	0	19.6	+ 2.0	33.6	—
Bogra	022	9	8	00	00	96	60	6	975	81	4	5	4	3	/	81	80	— 1	+ 1	15.0	— 5.0	26.0	69
Dinajpur	095	3	8	09	02	96	91	6	977	81	8	6	7	/	/	79	79	+ 5	0	35.5	+12.5	58.5	72
Rangpur	044	6	1	00	00	96	61	9	027	82	7	5	6	0	0	//	79	+ 3	+ 1	35.2	+ 7.4	53.8	84
Jammu																							—
Lahore (Jail Rd.)	000	0	5	13	03	96	02	0	944	88	2	4	6	7	0	79	85	0	+ 6	0.7	— 3.8	5.3	19
Sialkot																							32
Jhelum	000	7	3	13	05	98	01	9	947	88	2	2	6	3	0	79	85	—	—	1.6	—	10.0	—
Islamabad	000	0	7	00	00	97	00	3	///	86	2	4	9	0	0	//	//	—	—	1.7	—	9.7	—
Rawalpindi	000	0	8	10	03	98	03	2	944	86	8	0	9	6	0	79	85	+ 5	+ 8	2.3	— 3.8	12.4	36
Campbellpur																							—
Khushab	000	0	0	00	00	97	00	0	993	92	0	0	9	0	0	85	81	+ 2	— 1	0.1	— 3.1	3.5	15
Sargodha	000	0	0	09	05	97	02	0	940	90	0	0	9	0	0	73	85	—	—	2.1	—	5.7	—
Lyallpur	000	0	0	00	00	96	02	0	925	88	0	0	9	0	0	76	85	— 3	+ 3	0.2	— 2.6	3.1	12
Sahiwal	000	0	0	00	00	96	05	0	927	92	0	0	9	0	0	77	86	0	+ 1	7.4	+ 6.0	10.4	10
Multan	..	...	...	...	...	...	..	...	...		...	...	...	...	..	...	...	—					7
Leiah																							8
Khanpur	000	0	0	23	05	96	05	0	928	88	0	0	9	0	0	76	85	0	+ 2	0.0	— 1.4	1.0	6
Bahawalpur	000	0	1	02	02	98	00	0	940	94	0	0	9	0	0	81	82	+ 2	— 2	0.0	— 1.3	1.3	6
Fort Abbas	000	0	0	23	04	98	00	0	932	94	0	0	9	0	0	82	79	—	—	0.0	—	0.2	8
Chakdra	000	0	0	00	00	97	02	0	923	85	0	0	9	0	0	77	79	—	—	1.4	—	10.8	—
Peshawar	000	0	0	00	00	97	02	0	934	90	0	0	9	0	0	73	85	0	+ 5	0.0	— 1.0	8.7	11
Haripur	...	..	...	...	...	..	...	...		...	...	...	...	...	...	...	...	—					—
Bannu	000	0	0	00	00	98	06	2	926	90	2	2	7	0	7	77	86	—	—	0.1	—	4.0	11
D. I. Khan	000	2	0	00	00	98	00	0	936	82	0	0	9	0	0	76	82	—	— 1	0.3	— 1.5	2.7	9
Sibi	000	0	0	03	00	97	02	0	941	94	0	0	9	0	0	56	93	—	—	0.0	—	0.0	5
Nokkundi	000	0	0	31	21	96	02	0	927	91	0	0	9	0	0	27	87	—	—	0.8	—	0.3	2
Turbat	000	0	0	27	02	96	00	0	858	//	0	0	9	0	0	80	//	—	/	0.0	—	0.2	—
Jiwani	000	0	6	00	00	96	01	2	923	84	6	6	5	0	0	75	82	—	—	0.0	—	2.0	5
Pasni	000	0	0	29	08	97	02	0	978	85	0	0	0	0	0	75	80	+ 1	+ 2	0.0	— 0.5	0.0	6
Ormara	000	0	3	27	10	96	06	/	970	85	3	6	6	0	0	81	//	—	/	0.0	— 0.3	0.6	6
Lasbela	000	0	0	00	00	98	00	0	958	83	0	0	8	0	0	77	76	—	—	0.0	—	0.0	8
Karachi (Manora)	000	0	5	27	07	96	03	2	968	85	5	6	4	0	0	79	84	+ 2	+ 3	0.0	— 2.4	0.1	8
Karachi (Ariport)	000	0	6	23	10	96	02	2	968	85	8	6	5	0	1	75	83	—	—	0.0	—	0.1	—
Nagarparker	000	0	8	18	02	97	02	0	012	86	8	6	6	0	0	83	88	—	—	0.0	—	0.0	—
Chhor																							7
Hyderabad	000	0	6	23	12	95	07	1	949	85	0	0	9	0	1	75	84	+ 6	+ 3	0.0	— 2.0	0.1	9
Badin	(03)	0	4	23	03	96	03	0	984	85	0	0	9	0	4	78	82	—	0	0.0	— 2.5	0.0	—
Padidan	000	0	0	18	05	97	02	0	919	88	0	0	9	0	0	73	83	—	—	0.0	—	0.0	—
Nawabshah	000	0	1	18	03	96	01	0	926	84	0	0	9	0	1	72	81	—	—	0.1	—	0.1	4
Sukkur	000	0	0	20	03	96	02	0	920	87	0	0	9	0	0	75	84	—	—	0.0	—	0.0	—
Kashmore	000	0	0	10	02	98	02	0	963	89	0	0	9	0	0	75	84	—	—	0.0	—	0.0	4
Jacobabad	000	0	4	09	03	//	//	/	919	90	0	0	9	0	0	79	86	+ 2	+ 1	0.0	— 0.7	0.3	20
Verav																							26
Srinagar																							—
Gulmarg																							71
Sonamarg																							26
Dras																							3
Leh																							6
Skardu																							—
Misgar																							—
Aliabad																							5
Gilgit																							59
Murree	000	0	8	29	09	97	03	1	407	62	8	9	3	/	/	65	61	+ 3	+ 3	3.2	—	21.8	18
Drosh	000	0	0	00	00	99	02	0	411	82	0	0	9	0	0	//	73	+ 7	0	1.0	—	12.2	29
Cherat	000	0	0	18	01	98	00	0	409	73	0	0	9	0	0	70	//	+ 7	/	0.4	— 3.0	9.7	—
Kakul	000	0	7	18	02	96	03	2	401	81	7	2	4	0	0	68	76	—	—	2.2	—	13.0	—
Landikotal	000	0	0	36	02	98	02	0	401	88	0	0	9	0	0	72	77	—	—	0.0	—	10.5	29
Prachinar	000	0	1	00	00	98	01	0	411	81	1	1	9	0	8	65	70	+ 1	+ 4	17.6	—	24.2	13
Miranshah	000	0	0	25	05	99	00	0	398	90	0	0	9	0	0	65	85	—	—	0.5	— 1.3	2.0	11
Wana	000	0	0	05	02	99	00	0	421	82	0	0	9	0	0	79	79	—	—	0.2	—	3.6	11
Fort Sandeman	000	0	1	09	03	96	05	0	387	82	1	1	7	0	0	65	79	+ 2	+ 4	0.3	— 1.5	4.5	—
Hindubagh	000	0	0	00	00	97	02	0	422	76	0	0	9	0	0	53	65	—	—	0.0	—	3.3	9
Loralai	000	0	0	18	02	//	//	/	400	80	0	0	9	0	8	45	58	—	—	0.0	—	0.0	—
Barkhan	000	0	0	00	00	96	02	0	368	90	0	0	9	0	0	66	//	—	—	0.5	— 1.4	2.3	14
Harnai	000	0	0	13	03	96	05	0	396	78	0	0	9	0	0	61	66	—	—	0.0	— 0.2	2.6	9
Samungli (Quetta)	000	0	0	18	05	97	00	0	395	84	0	0	9	0	0	55	82	+ 6	+ 6	0.0	— 0.1	2.7	8
Chaman	000	0	0	00	00	97	02	0	441	90	0	0	9	0	0	75	86	—	—	0.0	—	2.2	—
Nushki	000	0	0	31	03	96	02	0	398	88	0	0	9	0	0	15	74	+ 2	— 3	0.0	— 0.0	0.5	4
Dalbandin																							7
Kalat	000	0	0	16	02	97	02	0	394	78	0	0	9	0	0	56	60	+ 3	— 2	0.0	— 1.0	1.3	—
Khuzdar	000	0	0	27	03	96	02	0	392	83	0	0	9	0	0	65	80	—	—	0.6	—	2.0	5
Panigur																							—

† 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 accual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 17th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_N$	D_sV_sa PP	7RR t_Rt_R	8$N_sCh_sh_s$	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
Dwarka	99 2 48	10 6 44	17 0 43	32 3 09	97 0 11	94 5 29	31 5 01	63 5 20	...		05 2 / /	...	30 4 03	
M/V Scherpendrecht	99 1 99	10 6 03	16 4 23	74 2 35	96 0 22	98 1 26	21 2 31	...	...		0 / / 23	12 5 93	30 4 04	22 3 08
M/S Scherpendrecht	99 2 01	10 6 03	16 3 63	72 2 24	96 0 21	99 9 25	...	...	...		0 / / 23	13 4 40	30 4 03	21 2 07

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	997 256 07	...	400 180 /4	076 116 36	583 025 50	754 111 88	970 245 / /	247 461 / /	...	...	...	...	...
Dacca ...	00 00	998 202 0/	...	360 184 13	063 116 49	582 037 20	756 109 69	972 245 / /	255 465 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	994 298 49	...	400 200 15	040 144 58	579 045 / /	752 131 / /	964 261 / /	246 441 / /	...	...	...	...	...
Multan ...	00 00	978 310 58	...	350 282 57	051 120 / /	.	...	955 325 / /	234 425 / /	...	...	...	...	...
Peshawar ...														
Quetta ...														
Sargodha ...	00 00	85/ 240 24	...	400 234 57	123 100 59	582 101 / /	751 221 / /	...	232 471 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT$_a$ DD							Max. Wind Speed	TROPOPAUSE	
									PmPmPm dmdm fmfmfm	$P_tT_aP_tT_aT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 210 24	800 156 05	600 064 48	350 137 59	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 216 14	800 154 17	600 056 30	350 167 / /	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...													
Quetta ...													
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP – Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	155 10	160 13	170 13	180 09	200 08	...	...	...	...	180 09	200 08	...	...	...	...	130 06	125 07	125 07	120 04							
Chaklala ...	..	235 06	265 03	275 04	315 06	355 09	345 31	010 36	010 36	240 20	130 12	130 11	160 15	250 10	..		180 04	205 02	270 7/	315 13	345 18	360 23	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	225 25	230 29	235 36	...	...	...	230 28	230 39	240 33	240 10	230 12	310 23	...	...	...	...	
Chittagong ...	...	No Ascents	...	...	...	...	...	...	...	...	...	...	...	...	...	155 13	200 35	...	...	...	...	...	...	...	...	
Cox's Bazar ...	195 15	205 22	201 57	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Dacca ...	180 19	185 21	180 24	185 27	190 30	195 33	195 21	180 19	...	180 08	180 08	200 07	/// //	195 06	/// //	205 12	220 21	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	140 01	135 06	185 02	185 01	055 08	355 08	010 29	...	...	255 08	360 06	310 08	260 08			235 01	165 08	220 05	240 07	030 10	035 08	055 06	...	...
D. I. Khan ...	180 09	/01 00	175 10	170 10	135 08	305 06	320 15	325 17	...	040 10	050 07	050 07	090 04	/// //	135 06	060 06	010 06	205 2/	205 02	115 05	080 03	345 02	015 14	010 14	...	...
Drosh ...	...	...	...	230 10	220 08	330 05	360 15	355 4	...	...	...	...	180 01	265 01	210 02	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	055 04	225 04	230 09	355 11	025 36	020 40	...	...	...	025 05	0.0 01	250 07	...	...	...	045 04	045 04	143 04	045 10	/// //	280 27	...	...
Jacobabad ...	180 19	190 33	190 33	190 12	180 10	350 06	345 25	340 33	340 23	260 20	265 22	275 19	...	...	...	125 06	105 07	015 08	015 09	340 15	350 28	0.0 31	015 28	010 25	...	...
Jessore ...	171 01	...	...	...	...	...	...	...	...	240 20	265 22	275 19	...	...	...	230 15	265 15	285 15	...	...	...	...	...	...	...	...
Jhelum ...	130 07	135 06	/// //	215 07	275 09	315 11	010 15	...	...	140 10	190 09	/// //	290 10	310 16	005 15	140 03	155 05	165 07	305 09	305 16	335 14	016 17	305 09	355 27	...	...
Jiwani ...	165 09	190 05	135 03	065 09	070 06	020 03	300 04	...	...	150 05	175 03	245 04	...	...	...	145 05	156 05	240 08	280 11	305 15	305 07	060 10	015 04	/10 07	...	...
Karachi ...	235 14	235 13	...	...	...	...	...	...	...	...	...	...	...	...	...	255 17	260 15	265 15	...	...	...	...	...	...	...	...
Khanpur ...	235 09	245 10	240 12	225 12	295 09	300 16	...	...	...	230 08	225 10	241 03	250 07	220 09	260 24	215 17	210 21	205 25	205 32	220 42	225 38	175 07	020 25	005 26	...	...
Lahore ...	320 04	305 06	290 07	255 07	300 04	320 08	345 19	...	...	155 10	160 13	160 07	320 02	330 03	255 10	140 01	150 03	190 04	335 08	335 13	335 17	355 0	005 10	005 16	...	...
Multan ...	065 08	110 06	110 06	210 14	245 12	295 07	330 40	340 33	350 70	180 13	225 13	215 09	250 06	300 09	020 10	205 06	190 06	190 06	110 06	355 05	330 07	025 18	020 16	020 18	...	...
Na-ab Shah ...	160 11	160 11	190 11	230 09	300 07	005 12	010 61	030 36	045 58	230 19	235 11	260 07	280 10	285 15	330 11	215 14	295 14	355 12	345 13	345 15	105 14	020 15	0.0 21	055 23	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	090 07	160 09	245 10	290 15	245 10	360 22	300 20	005 39	...	330 11	320 10	111 50	350 05	340 10	...	060 08	020 08	275 05	285 06	340 11	030 24	035 28	036 03	...	...
Quetta ...	...	...	...	...	3 0 14	320 10	355 16	045 29	050 28	...	...	...	...	255 20	305 30	...	...	...	...	285 06	285 22	010 18	0.0 27	040 32	...	...
Sargodha ...	190 05	205 03	210 03	325 10	345 14	345 26	010 30	010 36	005 47	160 06	195 11	215 13	235 12	245 06	...	105 07	140 03	165 02	310 7/	330 10	305 06	035 27	030 25	045 30	...	...
Sylhet ...	180 24	190 25	...	...	...	...	...	...	...	No Ascent	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	252 2/	255 25	255 21	270 20	285 23	325 17	025 19	045 19	065 16	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

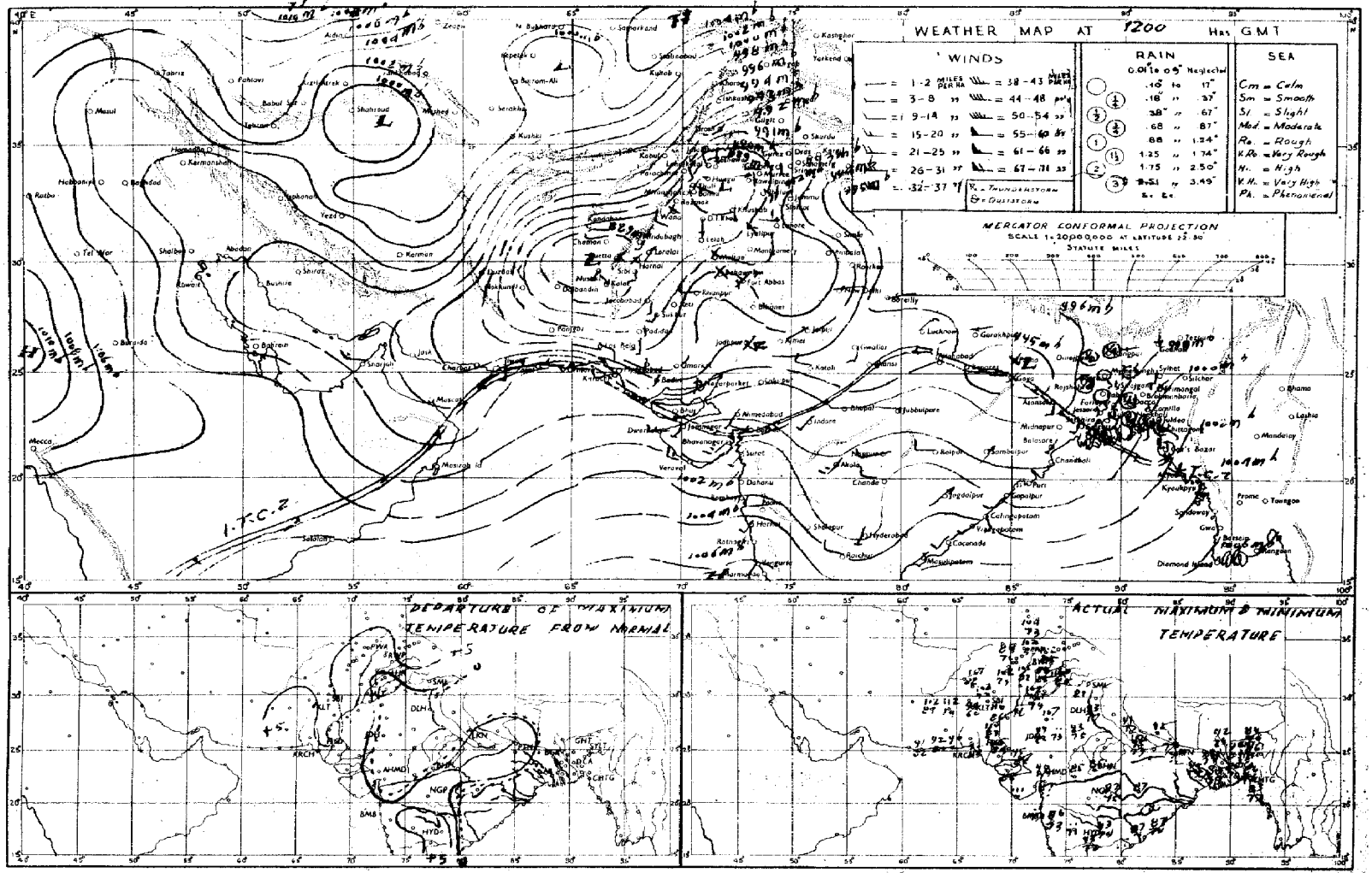
dd – Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff – Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port KARACHI-11

PAKISTAN DAILY WEATHER MAP

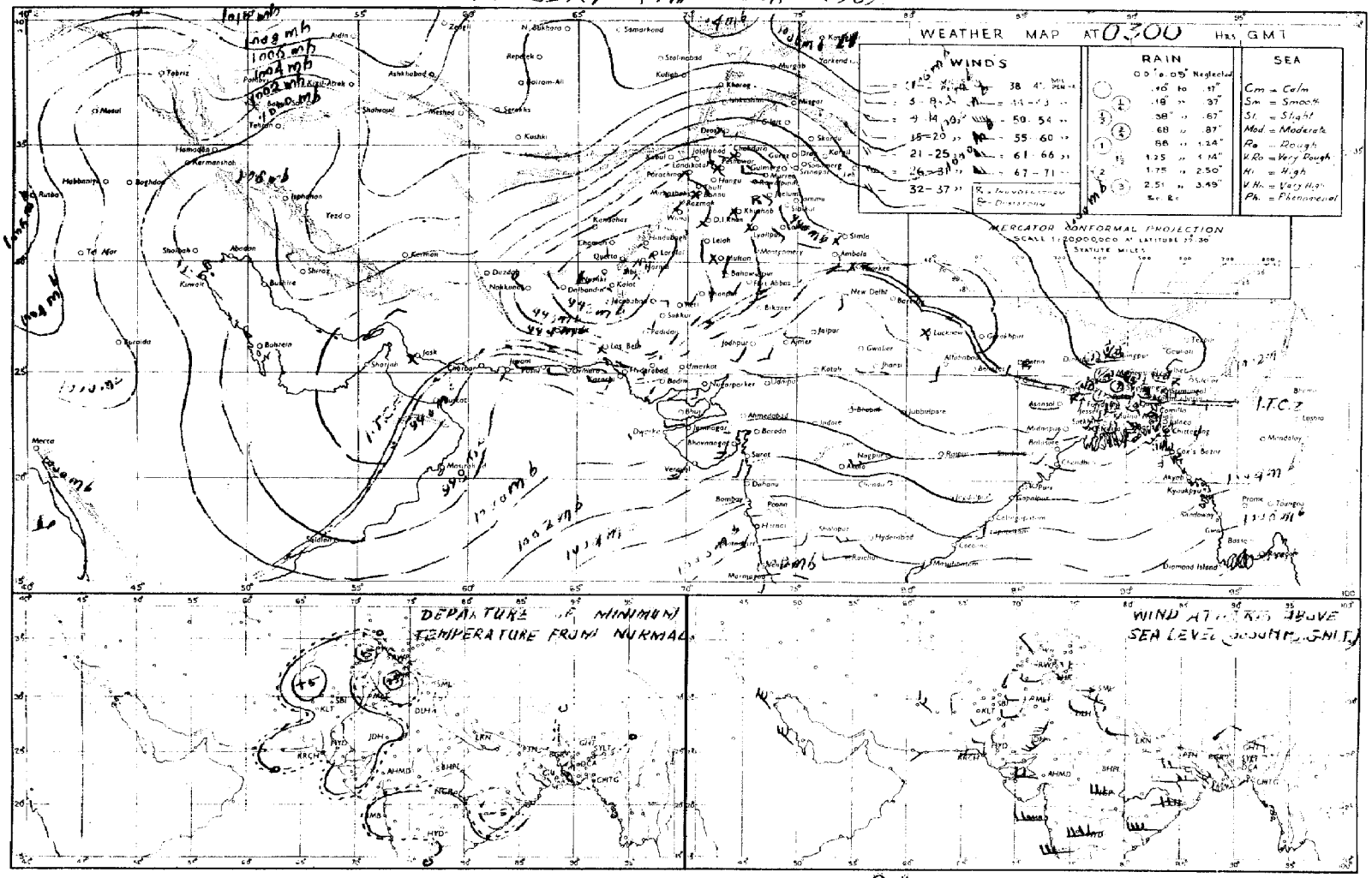
WEDNESDAY 16th JULY 1969



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 17th JULY, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 18th JULY, 1969.

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

Monsoon trough has slightly shifted northwards and extends from Lahore division to northern districts of East Pakistan. Monsoon continues to be active over East Pakistan. Widespread rain/thundershowers with locally heavy to very heavy falls have occurred in Chittagong and Dacca divisions, fairly widespread in Khulna division and local in Rajshahi division. Seasonal trough of low pressure extending from Kalat division to D. I. Khan division has became more marked.

A few falls of light rain have occurred in Rawalpindi division. Weather remained dry elsewhere over West Pakistan.

Chief amounts of rainfall are : Maijdee Court 9", Chittagong 6", Rangamati, Dacca and Rangpur 4" each, Barisal 3", Sylhet, Rajshahi, and Mymensingh 2" each, Jessore 1¾", Comilla, Narayanganj and Bogra 1" each, Brahmanbaria and Srimangal 3/4" each, Faridpur ¼".

Day temperatures were 4—8 °F (2—4 °C) above normal in Peshawar and Rawalpindi divisions and were 2—5 °F (1—3 °C) so in Sargodha, Lahore, D. I. Khan, Quetta and Khairpur divisions and were 2—5 °F below normal in East Pakistan.

Forecast valid until the evening of 19th July 1969 :—Fairly widespread rain/thudershowers are likely to occur in East Pakistan local in Rawalpindi, Lahore and Sargodha divisions and in Kashmir. A few thunderstorms or showers may also occur in Quetta, D. I. Khan, Multan and Peshawar divisions.

Karachi-11
The 18th July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	Winds speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud † Nh	Low Cloud from † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud from † 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	Amounts of Lowest Cloud † h	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint °F TdTd	Minimum temperature TnTn	Departure from Normal of: Maximum temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar																																							
	Chittagong	148	9	8	23	14	96	61	6	973	79	7	7	2	2	/	77	83	574	9	8	09	00	94	61	6	990	79	6	7	2	2	/	77	71	— 6	— 0	49.5	+15.7	62.7	140
	Maijdee Court																		550	9	8	18	02	56	63	6	986	/	6	5	4	2	/	79	78		0	—	—	—	108
	Comilla	606	1	6	18	05	96	02	6	011	86	6	4	5	0	0	79	90	108	3	7	18	05	96	02	6	029	80	7	4	4	/	/	80	73	+ 2	— 4	50.5	+23.8	69.8	115
	Brahmanbaria	021	9	7	18	03	96	03	6	959	80	2	5	3	0	0	83	81	026	3	7	18	02	96	60	6	972	81	7	5	4	0	0	79	78	— —	— —	24.4	+ 3.8	36.0	94
	Sylhet	143	6	8	00	00	95	01	6	965	77	6	7	3	2	/	77	79	237	9	8	00	00	96	07	2	980	83	5	5	4	0	0	77	76	— —	— —	52.3	—	90.2	78
	Srimangal	067	9	8	00	00	96	02	6	973	83	6	9	3	3	/	75	83	085	9	8	00	00	96	03	5	983	83	7	9	3	3	1	77	77	— —	— —	30.4	+ 3.3	51.8	98
Dacca	Mymensingh	000	0	7	00	00	97	02	/	962	92	7	5	4	0	0	79	87	195	5	7	00	00	97	08	1	070	81	6	5	4	0	0	80	79	— 1	+ 1	27.6	+ 0.6	42.6	91
	Narayanganj	055	8	8	00	00	96	02	6	963	83	6	6	4	3	1	78	83	118	2	8	23	02	97	03	6	970	80	8	7	3	/	/	78	79	— 5	— 0	21.4	+ 1.4	44.8	74
	Dacca (Tezgaon)	259	9	7	23	02	97	01	6	952	80	4	5	4	2	0	79	83	451	9	8	18	02	96	6	6	972	80	6	7	3	2	/	78	78	— —	— —	19.4	—	30.5	—
	Faridpur	005	0	8	20	02	97	02	6	948	83	7	5	4	1	5	79	86	018	3	1	16	02	97	02	6	967	83	6	4	5	1	0	78	79	— 2	+ 1	18.4	— 1.5	32.0	71
Khulna	Barisal	249	3	8	27	02	96	03	6	960	80	5	4	5	2	0	80	80	263	1	8	35	03	//	21	6	976	81	4	6	4	7	0	80	78	— 7	— 1	26.7	+ 2.6	36.6	81
	Khulna																		000	0	7	00	00	97	02	0	984	81	0	7	4	0	0	80	79		+ 1	14.7	— 6.2	20.8	68
	Satkhira	012	0	6	13	07	97	50	2	954	83	6	6	4	2	0	79	91	017	0	7	23	07	97	03	1	971	83	7	4	5	1	0	80	79	+ 2	+ 1	11.6	— 8.6	17.0	65
	Jessore	061	9	8	31	09	93	97	9	957	77	8	7	2	2	/	75	85	163	3	8	27	09	96	02	1	968	80	6	2	3	2	0	77	75	— —	— —	19.1	+ 0.3	27.5	65
Rajshahi	Pabna	000	0	8	25	05	96	01	2	045	80	5	6	7	7	/	80	87	000	9	7	23	05	98	01	9	963	82	7	6	6	0	0	79	79	— —	— —	12.7	—	26.5	59
	Sirajgan	000	0	6	18	01	97	02	2	946	83	6	0	7	6	0	80	86	000	0	8	00	00	97	02	2	964	82	8	6	6	0	0	79	79	— 2	— 0	18.6	— 0.4	25.2	64
	Rajshahi	232	9	8	18	03	94	60	9	949	79	8	7	4	/	/	79	90	237	9	7	23	03	95	03	1	965	82	7	5	5	/	/	79	79	+ 1	0	22.0	+ 4.1	36.0	—
	Bogra	090	1	8	07	03	96	09	9	943	80	6	4	2	0	0	80	87	099	9	8	18	03	96	02	6	963	83	6	5	3	2	/	78	78	— 2	— 1	16.0	— 4.3	27.0	69
	Dinajpur	000	6	8	09	04	96	03	5	941	82	6	4	6	9	/	79	87	011	3	7	09	02	96	02	2	964	83	7	6	4	1	0	79	79	— 2	— 0	35.6	+12.2	58.6	72
	Rangpur	028	8	7	09	02	96	03	6	985	83	7	6	6	0	0	80	85	348	9	7	09	02	96	62	6	026	83	7	6	6	0	0	80	78	— 4	0	38.6	+10.4	57.3	84
Kashmir	Jammu																																							
Lahore	Lahore (Jail Rd.)	000	0	3	00	00	96	03	/	891	00	1	1	6	3	0	93	03	000	0	7	13	03	56	02	/	942	87	6	0	6	3	0	75	85	+ 3	+ 6	0.7	— 4.0	5.3	19
	Sialkot																		000	0	0	20	01	99	00	0	950	96	0	0	9	0	0	70	63		— 17	1.8	— 3.3	6.4	32
Rawal-pindi	Jhelum	000	0	5	13	03	97	02	/	882	00	3	4	6	7	0	77	04	000	1	7	13	15	55	21	6	939	91	/	/	/	/	/	80	86	— —	— —	4.6	—	10.0	—
	Islamabad																		000	0	0	31	02	55	02	0	///	00	/	/	/	/	/	80	86			4.7	—	9.7	115
	Rawalpindi	000	0	3	27	02	99	02	2	807	03	3	2	8	0	0	72	04	000	0	6	/	02	97	02	2	932	90	0	2	7	/	/	73	86	+ 7	+ 9	2.3	— 4.1	12.4	—
	Campbellpur																																	79						36
Sargo-dha	Khushab	000	0	5	09	//	97	03	/	879	05	2	2	9	0	5	94	05	000	0	0	09	//	96	C6	0	936	90	3	0	9	0	0	80	85	+ 3	+ 3	0.1	— 3.2	3.5	15
	Sargodha	000	0	1	09	05	97	02	0	880	05	1	1	6	0	0	73	C8	000	0	3	09	07	95	06	0	934	90	3	0	9	3	0	75	86	— —	— —	20.6	—	5.7	—
	Lyallpur	000	0	4	00	00	96	02	0	871	C0	0	0	9	4	0	73	C4	000	0	4	00	00	96	62	0	937	87	4	3	8	0	0	80	85	+ 3	+ 3	0.2	— 2.7	3.1	12
Mul-tan	Sahiwal																																							10
	Multan	000	0	0	15	02	97	02	0	885	03	0	0	9	0	0	73	04	000	0	0	23	07	96	07	0	993	87	0	0	9	0	0	75	80	+ 2	— 5	7.4	+ 5.9	10.4	7
	Leiah																																							8
Baha-walpur	Khanpur																		000	0	0	00	00	//	//		939	96	0	0	9	0	0	75	82		— 1	0.0	— 1.5	1.0	6
	Bahawalpur	000	0	0	00	00	96	00	0	883	08	0	0	9	0	0	63	10	000	9	0	00	00	91	00	3	936	94	0	0	9	0	0	75	82	+ 5	— 2	0.0	— 1.4	1.3	6
	Fort Abbas	///	/	2	23	02	98	00	2	904	90	2	0	9	0	0	78	//	///	/	0	23	04	98	00	0	///	87	0	0	9	0	0	80	80	/	0	0.0	—	0.2	8
Pesha-war	Chakdra	000	0	0	23	02	97	02	0	850	01	0	0	9	0	0	88	04	000	0	3	01	03	97	02	1	906	90	0	0	9	0	0	80	82	— —	— —	1.4	—	10.8	—
	Peshawar	000	0	0	09	05	96	06	0	855	05	0	0	9	0	0	70	C8	000	0	0	31	05	97	02	0	925	90	0	0	9	0	0	77	86	+ 6	+ 6	0.0	— 1.0	8.7	11
	Haripur																		000	4	5	05	03	97	03	2	934	94	5	0	9	3	0	73	87			0.3	—	10.5	—
D. I. Khan	Bannu	000	0	5	13	03	99	02	1	887	05	1	1	8	4	0	72	05	000	0	7	C0	00	98	06	2	919	91	2	0	7	2	7	79	90	— —	— —	0.1	—	4.0	—
	D. I. Khan	000	0	0	00	00	98	00	0	881	77	0	0	9	0	0	72	10	000	3	4	00	C0	97	02	1	927	90	0	0	9	2	0	75	85	+ 3	+ 2	0.3	— 1.6	2.7	9
Quetta	Sibi	000	0	0	18	03	97	02	0	875	14	0	0	9	0	0	71	15	000	0	0	18	03	97	02	0	942	93	0	0	9	0	0	56	92	— —	— —	0.0	—	0.0	5
	Nokkundi	000	0	0	31	03	96	02	0	861	12	0	0	9	0	0	54	13	000	0	0	31	17	96	02	0	907	92	0	0	9	0	0	30	84	— —	— —	0.0	—	0.3	2
Kalat	Turbat	000	0	0	27	02	96	00	0	985	07	0	0	9	0	0	87	09	000	0	0	23	02	96	00	0	///	85	0	0	9	0	0	78	//	— —	/	0.0	—	0.0	—
	Jiwani	000	0	1	18	09	96	02	0	934	81	1	6	5	0	0	77	89	000	0	6	18	03	96	01	2	948	84	6	6	5	0	0	74	82	— —	— —	0.0	—	2.0	5
	Pasni	000	0	1	25	20	97	02	0	953	91	0	0	9	0	0	78	94	000	0	4	25	02	97	02	0	965	84	4	0	9	0	0	77	79	+ 3	+ 1	0.0	— 0.5	0.0	6
Karachi division	Ormara	000	0	1	27	12	96	02	2	958	83	1	6	6	0	0	85	93	000	0	6	27	09	96	01	19	698	///	6	6	6	0	0	79	//	— —	/	0.0	— 0.3	0.6	6
	Lasbela	000	0	0	13	03	97	00	2	904	09	5	6	8	0	0	77	05	000	0	4	00	00	58	00	1	946	85	0	0	9	0	0	76	79	— —	— —	0.0	—	0.0	—
	Karachi (Manora)	000	0	5	25	09	97	03	1	942	87	5	6	4	0	0	77	89	000	0	7	27	12	96	01	2	956	84	5	6	4	0	0	79	84	+ 1	+ 3	0.0	— 2.5	0.1	8
	Karachi (Ariport)	000	0	6	27	12	96	02	2	944	88	6	6	5	0	0	75	92	000	0	6	27	14	96	01	2	955	85	6	6	5	0	0	76	84	— —	— —	0.1	—	0.1	—
Hydera-bad	Nagarparker	000	0	6	05	02	97	02	0	979	98	8	6	6	0	0	98	99	000	0	0	18	02	97	02	0	002	84	8	6	6	9	0	84	83	— —	— —	0.1	—	0.1	—
	Chhor	000	0	0	23	21	96	07	0	915	95	0	0	9	0	0	73	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
	Hyderabad	000	0	0	23	12	95	07	0	913	96	0	0	9	0	0	75	00	000	0	0	23	10	95	07	0	938	87	1	5	6	0	0	73	84	+ 1	+ 3	0.0	— 2.1	0.1	9
	Badin	000	0	3	23	14	96	03	0	955	95	0	0	9	0	0	77	96	000	0	0	23	06	96	02	0	977	84	0	0	9	0	0	78	80	— 1	— 2	0.0	— 2.6	0.0	—
Khairpur	Padidan	000	0	0	27	02	97	02	0	873	13	0	0	9	0	0	67	14	000	0	0	13	05	97	02	0	924	89	0	0	9	0	0	73	84	— —	— —	0.0	—	0.0	—
	Nawabshah	000	0	0	18	16	96	02	0	882	09	0	0	9	0	0	68	12	000	0	3	18	12	96	03	1	922	88	0	0	9	0	0	74	82	— —	— —	0.1	—	0.1	—
	Sukkur	000	0	0	18	02	96	02	0	875	12	0	0	9	0	0	74	13	000	0	0	13	05	96	02	0	925	86	0	0	9	0	0	74	83	— —	— —	0.0	—	0.0	—
	Kashmore	000	0	0	00	00	98	02	0	909	93	0	0	9	0	0	75	05	000	0	0	18	02	98	02	0	949	96	0	0	9	0	0	74	84	— —	— —	0.0	—	0.0	—
	Jacobaba	000	0	0	09	09	97	02	0	///	07	0	0	9	0	0	75	08	000	0	0	09	09	96	02	0	925	88	0	0	9	0	0	75	85	0	— 0	0.0	— 0.8	0.3	—
unagadh	Verav																																							26
Kashmir	ALL STATIONS																																							—
	Srinagar **																																							71
	Gulmarg **																																							26
	Sonamarg **																																							3
	Dras **																																							6
	Leh **																																							—
	Skardu **																																							5
	Misgar **																																							59
	Aliabad **																																							—
	Gilgit **																																							—
Rawalpindi	Murree **	000	0	6	27	05	97	02	1	368	78	6	1	4	0	0	65	79	000	0	7	31	03	96	02	1	401	70	7	5	2	0	0	66	66	+ 6	+ 8	3.2	—	21.8	18
Peshawar	Drosh **	000	0	0	25	07	99	02	0	316	04	0	0	9	0	0	41	08	000	0	0	00	00	99	02	0	402	87	0	0	9	0	0	54	77	+ 11	+ 4	1.0	—	12.2	29
	Chitral **	000	0	0	18	04	98	00	0	361	96	0	0	9	0	0	70	98	000	0	0	18	03	98	00	0	388	77	0	0	9	0	0	73	//	+ 9	/	0.4	—	9.7	—
	Kohat **	000	0	6	27	03	97	03	2	406	90	6	3	4	0	0	68	94	000	0	0	18	07	97	01	2	396	80	4	4	6	3	0	72	79	— —	— —	2.2	—	13.0	—
	Landikotal **	000	0	0	31	05	98	02	0	366	03	0	0	4	0	0	59	03	000	0	0	31	05	99	02	0	388	86	0	0	9	3	0	75	80	— —	— —	0.0	—	10.5	29
	Parachinar **	030	0	/	//	//	98	02	0	362	90	0	0	9	0	0	56	91	000	0	0	18	02	97	02	0	408	61	2	0	9	3	0	63	73	+ 4	+ 7	17.6	—	24.2	13
D.I. Khan	Miranshah **	000	0	0	05	05	99	00	0	355	03	0	0	9	0	0	66	03	000	0	0	05	05	99	00	0	485	90	0	0	9	3	0	70	85	— —	— —	0.5	— 1.3	2.0	11
	Wana **	000	0	0	05	02	99	00	0	374	98	0	0	9	0	0	94	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
Quetta	Fort Sandeman **	000	0	2	27	05	96	05	0	352	00	2	1	7	0	0	44	02	000	0	5	03	03	96	05	1	379	86	5	5	7	0	0	67	82	+ 2	+ 7	0.3	— 1.5	4.5	—
	Mindubagh **	000	0	0	23	03	97	02	0	365	97	0	0	9	0	0	56	98	000	0	0	00	00	97	02	0	422	76	0	0	9	0	0	53	68	— —	— —	0.0	—	3.3	—
	Loralai **	000	0	0	25	02	98	00	0	398	03	0	0	9	0	0	55	04	000	0	0	18	02	98	00	0	390	75	0	0	9	0	0	45	57	— —	— —	0.0	—	0.0	—
	Barkhan **																																							14
	Harnai **	000	0	0	00	00	96	02	0	347	04	0	0	9	0	0	58	05	000	0	0	00	00	96	02	0	367	90	0	0	9	0	0	69	//	— —	— —	0.5	— 1.5	2.3	9
	Samungli (Quetta) **	000	0	0	31	03	96	05	0	366	98	0	0	9	0	0	64	02	000	0	0	00	00	96	05	0	401	77	0	0	9	0	0	43	64	— —	— —	0.0	— 0.3	2.6	—
	Chaman **	000	0	0	33	05	97	00	0	403	04	0	0	9	0	0	73	05	000	0	0	18	05	97	00	0	419	88	0	0	9	0	0	60	79	+ 4	+ 3	0.0	— 0.1	2.7	—
	Nushki **	000	0	0	33	03	97	02	0	453	08	0	0	9	0	0	91	10	000	0	0	00	00	97	02	0	432	94	0	0	9	0	0	78	88	— —	— —	0.0	—	2.2	4
	Dalbandin **	000	0	0	18	05	96	02	0	375	10	0	0	9	0	0	29	11	000	0	0	23	05	96	02	0	386	94	0	0	9	0	0	//	83	+ 1	+ 6	0.0	— 0.0	0.5	7
Kalat	Kalat **	000	0	0	31	03	97	02	0	355	91	0	0	9	0	0	63	94	000	0	0	16	02	97	02	0	378	78	0	0	9	0	0	53	63	+ 3	+ 1	0.0	— 0.6	1.3	—
	Khuzdar **	000	0	0	27	05	97	02	0	348	05	0	0	9	0	0	31	07	000	0	/	//	//	96	05	4	370	81	0	0	9	0	0	68	78	— —	— —	0.6	—	2.0	5
	Panjgur **	000	0	0	31	02	96	02	0	387	07	0	0	9	0	0	56	07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 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 18th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_f	8$N_sCh_sh_s$	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
Dwarka	99 2 50	10 6 31	17 0 63	72 4 08	97 0 20	75 5 / /	63 2 03			87 9 65	05 1 26		31 4 03	22 8 08
Rnstom	99 2 03	10 6 94	17 0 63	82 4 24	98 0 22	...	...			...	06 / 30		33 / / /	..

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
		PoPoPo ToToTo DoDo	hhh TTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	986 266 02	...	410 168 08	040 090 12	576 027 16	754 021 33	971 227 36	256 453 / /	...	...	...	...	...
Dacca ...	00 00	995 272 12	...	380 176 08	C8/ 110 46	...	...	..	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	992 284 50	...	300 244 15	027 144 45	571 030 / /	747 101 / /	963 241 / /	250 391 / /	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	952 300 56	...	320 280 57	056 170 57	584 010 / /	761 077 / /	980 211 / /	/58 415 / /	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	842 803 0/	...	400 260 60	138 140 61	583 081 / /	75/ / 5 26	9// 91/ / /	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD							Max. Wind Speed: PmPmPm dmdm fm/m/m	TROPOPAUSE: $P_tP_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 196 07	800 138 09	600 028 / /	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 198 08	800 154 13	...	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hundards tens and units of millibars.
DD—Daw 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.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	110 14	130 09							
Chaklala ...		200 05	215 06	210 04	270 04	035 09	051 17	...	...
Chinor ...	235 29	200 23	220 23	...	210 20	...	..	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	No	Ascent	...	...	...	...	...	...
Dacca ...	200 09	195 10	195 20	200 15	215 23	...	...	...	...
Dalbandin ...		...	210 04	195 14	225 05	015 10	045 30	050 34	055 27
D. I. Khan ...	130 04	185 05	155 05	145 09	150 11	315 04	350 19	020 23	035 24
Drosh ...			...	240 CB	230 07	015 19	310 15		015 19
Fort Sandeman ...	...	...	...	340 C7	320 10	005 09	035 12	040 32	C40 35
Jacobabad ...	...	...	...	080 06	...	330 30	..	015 32	...
Jessore ...	...	...	...	...	...	...	...	..	...
Jhelum ...	155 10	150 10	155 11	205 06	270 09	325 12			
Jiwani ...	185 24	215 14	215 08	275 09	275 08	330 09	325 11	325 12	020 16
Karachi ...	245 17	255 15	275 17	...	...	...			
Khanpur ...	245 11	215 14	215 15	235 21	230 26	330 03	350 10	215 15	...
Lahore ...	080 03	C65 04	360 02	C30 01	315 04	330 10	350 09	-	...
Multan ...	...	...	...	...	...	...	...	...	...
Na-ab Shah ...	230 15	300 13	345 11	340 15	340 21	005 26	020 25	030 26	060 30
Panjgar ...	..	...	...	...	...	...	...	...	...
Peshawar ...	...	065 08	105 09	195 10	315 09	335 12	025 20	025 24	...
Quetta ...		...	...		3.5 07	005 05	035 12	035 22	040 27
Sargodha ...	175 03	190 03	210 02	285 03	350 08	015 15	035 31	030 33	025 40
Sylhet ...	165 23	165 24							
Veraval ...	...	...							

Height in Kms. a.s.l. →	At 0000 hrs. G.M.T. † of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	/01 77	180 15				
Chaklala ...		110 13	131 3/	235 06	/40 06	...
Chinor ...	235 32	240 32	255 20	...	...	...
Chittagong ...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...
Dacca ...	200 19	255 19	275 18	...	270 13	...
Dalbandin ...	...	...	270 02	275 09	265 14	240 C8
D. I. Khan ...	155 05	195 C6	190 12	140 05	070 05	C85 05
Drosh ...	...	...	...	190 01	230 02	240 05
Fort Sandeman ...	...	...	...	040 09	070 03	220 3/
Jacobabad ...	135 13	105 10	165 69	210 13	195 08	...
Jessore ...	260 16	260 21	...	...	...	...
Jhelum ...	100 12	/03 51	150 07	155 11	050 6/	350 15
Jiwani ...	170 07	175 07	...	...	...	...
Karachi ...						
Khanpur ...	205 17	220 15	220 16	230 13	255 16	285 13
Lahore ...	155 04	210 06	225 07	/// //	171 70	..
Multan ...	155 17	210 19	220 20	...	...	...
Na-ab Shah ...	250 10	/25 06	710 04	C45 05	005 06	330 15
Panjgar ...	...	...	...	...	...	...
Peshawar ...	...	345 10	310 10	225 09	180 07	135 10
Quetta ...		...	...		175 05	305 15
Sargodha ...	135 06	240 06	270 06	300 07	330 11	
Sylhet ...	...	Ascent	...	...	...	...
Veraval ...	...	...	...	...	...	...

Height in Kms. a.s.l. →	At 0600 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	220 04	185 09	170 10	...	..	...	...	...	...	...	...
Chaklala ...				...	...	...	...	...	...	...	...
Chinor ...	220 29	215 30	220 33	...	...	...	...	...	...	...	.
Chittagong ...	No	Ascent		...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	240 08	240 08									
Dalbandin ...	...	...	045 05	270 02	285 06	250 05	145 08	085 19	065 25	...	...
D. I. Khan ...	090 06	055 05	090 01	125 07	...	...	..	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	320 03	005 02	170 05	360 13	285 14	290 18	...	...
Jacobabad ...	110 12	120 11	145 11	055 63	195 05	/06 20	360 29	055 62	016 20	...	...
Jessore ...	275 13	275 12								...	...
Jhelum ...	125 12	140 10	145 09	270 04	320 09	350 10	/// 17	100 11	105 10	..	...
Jiwani ...	170 05	230 04	230 06	325 10	310 10	350 11	095 15	075 29	070 28	...	...
Karachi ...	260 19	255 12	265 17	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	175 02	170 06	170 11	130 06	..	..	..	...	...	...	.
Multan ...											
Na-ab Shah ...	195 03	280 03	090 02	030 03	180 06	340 08	010 14	050 17	006 15	...	...
Panjgar ...	...	...								...	...
Peshawar ...	...	025 08	145 03	290 04	280 06	260 03	040 11	055 19	025 22	...	...
Quetta ...		...	...	...	350 03	305 15	020 12	32; 11	C35 19	..	...
Sargodha ...	252 7/	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...		...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	230 18	230 20	230 23	85 25	295 20	290 26	230 19	335 14	040 27	...	.	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

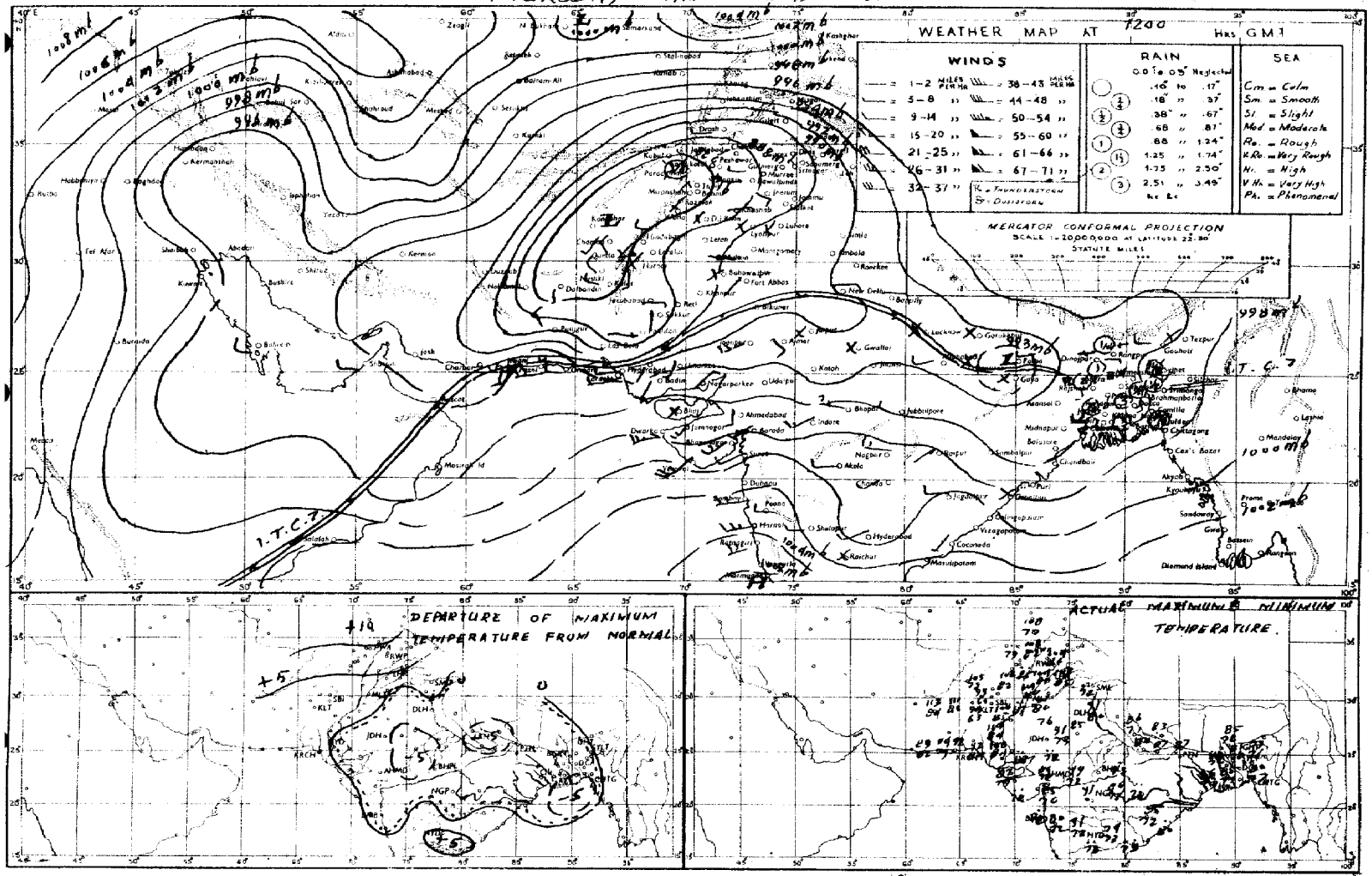
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

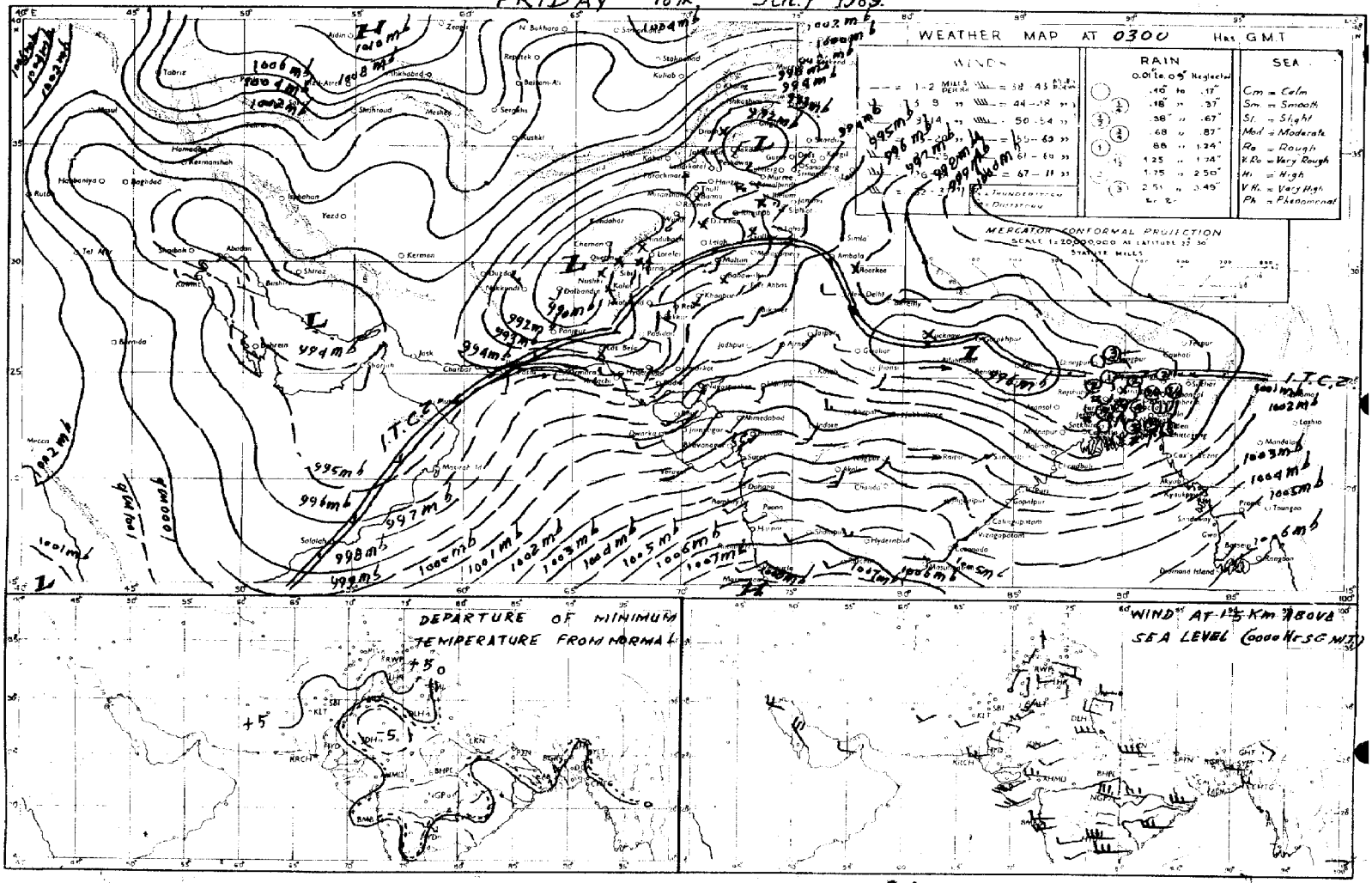
THURSDAY 17th JULY, 1969.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 18th JULY 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SATURDAY THE 19th JULY, 1969.

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

Monsoon trough extends from Lahore division to East Pakistan where monsoon continues to be well marked. Widespread to fairly widespaead rain/thundershowers occurred in Dacca, Khulna and Rajshahi divisions and local in Chittagong division. Seasonal trough of low pressure extends from Kalat division to Peshawar division. Scattered thundershowers occurred in Rawalpindi division. A few rain/thundershowers in Quetta, Kalat and Lahore divisions.

Chief amounts of rainfall are : Maijdee Court 4", Chittagong and Pabna 3" each, Mymensingh and Rajshahi 2" each, Khulna and Bogra 1" each, Rangamati, Narayanganj, Barisal, Jessore, Sirajgang and Rangpur ½" each and Srimangal ¼".

Day temperatures were 3—5 °F (2—3 °C) below normal in Rajshahi, Khulna, Quetta and Kalat divisions.

Forecast valid until the evening of 20th July 1969 :—Fairly widespread rain/thudershowers in East Pakistan with locally heavy falls in Chittagong and Dacca divisions, local in Rawalpindi division and Kashmir. Scattered in Lahore and Sargodha divisions. A few thunderstorms in Quetta, Multan and Peshawar divisions.

Karachi-11
The 19th July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 °F	Amount of Lowest Cloud †	Low Cloud from †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud from †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure * (mbs. and tenths)	Dry Bulb temperature	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	h	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	038	9	1	18	05	97	02	6	979	80	6	3	4	7	/	77	82	038	0	5	18	02	97	01	2	958	82	3	4	6	7	3	76	76	—	—	—	—	—	140
	Cox's Bazar																																								
	Chittagong	330	9	8	13	04	96	60	6	972	77	5	7	3	2	0	77	79	330	9	8	13	12	96	60	6	988	79	6	7	3	2	/	72	76	— 7	— 1	52.8	+18.4	66.1	108
	Maijdee Court	050	5	8	00	00	96	63	6	961	70	8	6	4	0	0	77	82	350	9	8	18	02	94	63	6	956	79	3	6	7	/	/	76	76	— 4	— 2	—	—	—	115
	Comilla	050	0	5	18	05	56	02	2	961	82	5	4	5	0	0	78	88	003	0	4	18	05	96	00	0	979	95	4	4	7	0	0	77	77	0	— 0	50.6	+23.4	69.8	54
	Brahmanbaria	003	0	6	18	02	56	03	1	962	85	6	5	5	0	0	80	85	000	0	4	13	09	97	00	1	980	88	4	5	5	0	0	79	79	—	—	24.4	+ 3.5	36.0	78
	Sylhet	000	0	8	00	00	56	02	6	961	80	4	3	4	2	/	77	86	003	9	8	00	00	96	02	2	984	82	3	5	4	2	/	79	79	—	—	52.3	—	90.3	—
	Srimangal	039	9	6	00	00	56	02	6	958	82	3	5	5	7	3	78	87	030	9	3	03	00	96	00	6	981	88	0	0	9	2	/	79	77	—	—	30.7	+ 3.1	52.1	98
Dacca	Mymensingh	182	5	6	00	00	97	02	2	960	82	6	5	4	0	0	78	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 6	—	...	...	...	91
	Narayanganj	000	0	8	13	02	56	02	2	962	82	5	6	6	3	1	78	85	067	0	8	13	04	97	02	3	972	82	8	6	9	/	/	79	85	— 3	+	22.0	+ 1.6	45.8	74
	Dacca (Tejgaon)	002	9	7	18	02	97	02	6	953	82	6	8	4	3	1	78	87	017	9	8	13	09	97	03	6	970	81	6	7	3	2	/	77	79	— 2	—	19.5	—	30.6	—
	Faridpur	000	0	8	16	02	57	02	2	953	85	7	5	4	0	0	80	86	015	0	8	11	07	97	95	1	///	/	/	/	/	/	/	70	— 2	+ 1	18.5	— 1.6	32.1	71
Khulna	Barisal	000	0	7	11	02	57	02	2	964	78	6	4	5	0	2	//	82	065	9	8	00	00	96	50	2	977	79	5	4	4	2	0	79	79	— 5	0	27.3	+ 2.6	37.3	81
	Khulna	000	0	8	00	00	97	03	0	999	80	7	4	4	0	4	78	85	115	9	6	00	00	97	03	0	972	81	2	4	4	0	0	79	79	— 3	+ 1	16.0	— 5.5	20.0	68
	Satkhira	010	3	7	00	00	90	50	2	953	82	7	5	5	3	0	77	87	280	0	8	23	02	97	03	0	///	79	6	6	5	1	0	//	77	— 2	— 1	14.5	— 6.2	19.7	65
	Jessore	030	3	8	23	05	96	62	6	950	80	7	6	2	/	/	78	87	065	9	8	03	00	96	60	6	966	79	7	7	2	2	/	79	73	—	—	19.7	+ 0.5	28.1	65
Rajshahi	Pabna	000	0	7	00	00	97	01	2	941	87	7	9	8	0	0	85	87	260	9	8	09	02	97	01	9	968	82	5	7	6	7	/	81	79	—	—	15.3	—	29.1	59
	Sirajgan	000	0	6	00	00	50	02	2	956	85	6	0	7	6	0	80	85	057	8	6	03	02	58	02	2	969	82	6	0	7	6	0	79	79	+ 7	0	19.1	— 1.3	25.7	64
	Rajshahi	105	3	8	00	00	95	03	9	949	80	8	7	5	/	/	80	87	192	9	8	05	03	98	03	1	977	/	/	/	/	/	/	//	— 2	/	23.8	+ 5.7	38.0	—
	Bogra	086	8	6	09	02	96	21	6	949	80	3	5	4	8	7	80	85	090	0	8	09	05	96	02	2	978	82	3	5	4	3	/	81	79	— 4	+ 2	16.8	— 4.6	27.8	69
	Dinajpur	000	9	7	13	02	96	02	2	942	85	3	2	6	2	/	78	86	006	3	6	09	02	96	02	2	976	88	3	5	6	2	/	79	81	— 3	+ 2	35.6	+11.8	58.6	72
	Rangpur	040	8	7	00	00	96	03	6	954	82	3	5	6	2	0	78	85	040	0	6	11	02	96	01	2	009	85	2	5	6	1	0	81	79	— 4	+ 1	39.1	+10.3	57.7	84
Kashmir	Jammu	...																	...																							—
Lahore	Lahore (Jail Rd.)	001	1		23	02	95	06	6	917	99	/	/	9	/		92	99	001	0	7	11	02	95	06	1	939	90	4	0	9	7	7	77	79	+ 1	+ 7	0.7	— 4.2	5.3	19
	Sialkot																																								32
Rawal-pindi	Jhelum	000	0	2	13	03	96	01	0	907	00	2	2	6	6	0	79	03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Islamabad																																								—
	Rawalpindi	000	0	5	13	02	98	02	2	900	00	3	2	8	9	0	77	03	000	0	0	11	02	97	05	2	937	90	0	0	9	0	0	91	88	+ 6	+ 11	2.3	— 4.4	12.4	36
	Campbellpur																																								—
Sargo-dha	Khushab	000	0	0	18	//	97	06	0	907	05	0	0	9	0	0	95	08	000	0	0	00	00	96	06	0	938	86	0	0	9	0	0	72	90	+ 6	+ 8	0.1	— 3.4	3.5	15
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	18	03	95	06	0	934	94	0	0	9	0	0	73	90	+ 1	+ 3	2.1	—	5.7	—
	Lyallpur	000	0	4	17	02	56	02	0	911	96	4	0	9	2	0	73	00	000	0	0	00	00	96	00	0	938	90	0	0	9	0	0	77	85	+ 1	+ 3	0.2	— 2.8	3.1	12
Mul-tan	Sahiwal	000	0	0	18	02	96	05	0	909	04	0	0	9	0	0	72	04	000	0	0	23	10	96	07	0	993	87	0	0	9	0	0	73	//	+ 2	/	7.4	+ 5.8	10.4	10
	Multan																																								7
	Leiah																																								8
Bahawalpur	Khanpur	000	0	0	18	03	96	05	0	902	08	0	0	9	0	0	70	08	000	0	0	23	05	97	02	0	943	88	0	0	9	0	0	73	82	+ 1	— 1	0.0	— 1.5	1.0	6
	Bahawalpur	000	0	0	00	00	96	00	0	913	04	0	0	9	0	0	57	05	000	0	0	00	00	96	00	0	945	90	0	0	9	0	0	73	85	—	+ 1	0.0	— 1.5	1.3	6
	Fort Abbas	000	0	0	23	02	98	00	2	987	11	0	0	9	0	0	94	//	000	0	0	23	04	98	00	0	953	90	0	0	9	0	0	82	79	/	—	0.0	—	0.2	8
Pesha-war	Chakdra	000	0	1	23	02	97	03	0	860	00	1	1	9	0	0	90	03	000	0	0	00	00	96	03	0	913	//	5	0	9	3	0	82	82	—	—	1.4	—	10.8	—
	Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	36	03	96	06	0	923	94	0	0	9	3	0	77	90	—	+ 10	0.0	— 1.0	8.7	11
	Haripur	000	0	0	13	05	97	00	0	893	03	0	0	9	0	0	72	04	000	0	4	5	36	01	96	01	934	94	5	0	9	3	0	70	90	—	—	0.3	—	10.5	—
D. I. Khan	Bannu	000	0	7	13	05	99	01	0	///	04	2	2	7	3	2	73	05	000	0	7	00	00	98	06	2	935	92	3	2	7	0	7	76	88	—	—	0.1	—	4.0	11
	D. I. Khan	000	0	0	00	00	98	00	0	///	//	2	0	9	2	0	73	09	000	0	0	00	00	98	00	0	932	90	0	0	9	0	0	76	85	+ 6	+ 2	0.3	— 1.6	2.7	9
Quetta	Sibi	000	0	4	18	03	97	03	1	904	//	2	3	9	2	2	52	11	000	0	0	00	03	97	02	0	951	94	0	0	9	0	0	52	93	—	—	0.0	—	0.0	5
	Nokkundi	000	0	0	31	09	96	02	0	862	//	2	5	3	9	2	1	//	000	0	0	00	00	97	02	0	943	93	0	0	9	0	0	37	87	—	—	0.8	—	0.3	2
Kalat	Turbat	000	0	0	18	02	96	00	0	585	02	0	0	0	0	0	78	02	000	0	0	23	02	96	00	0	965	85	/	/	/	/	/	78	72	—	/	0.0	—	0.0	—
	Jiwani	000	0	3	13	12	96	03	0	948	87	0	3	0	6	9	0	0	000	0	6	13	07	96	02	2	969	83	6	6	5	0	0	73	82	+ 7	+ 2	0.0	—	2.0	5
	Pasni	000	0	0	11	06	97	02	0	965	90	0	0	0	0	0	76	98	000	0	5	27	04	97	02	0	994	84	4	0	9	0	0	75	80	—	— 0.5	0.0	—	0.0	6
Karachi division	Ormara	000	0	1	25	07	96	02	2	965	88	1	0	6	9	0	83	91	000	0	2	25	07	96	02	2	992	85	1	6	8	3	0	79	//	—	—	0.0	— 0.4	0.6	6
	Lasbela	000	0	0	13	03	97	00	0	933	96	0	0	0	0	0	75	03	///	0	4	00	00	98	00	0	974	85	0	0	8	0	0	76	77	—	—	0.0	—	0.0	8
	Karachi (Manora)	000	0	6	27	10	57	03	1	960	//	7	6	6	4	0	78	89	000	0	7	27	12	96	01	2	985	83	3	6	4	3	0	78	82	+ 1	+ 1	0.0	— 2.5	0.1	8
	Karachi (Airport)	000	0	7	27	14	96	03	2	960	87	7	7	6	5	0	78	90	000	0	7	27	12	96	03	2	990	85	2	6	5	3	0	76	83	—	—	0.1	—	0.1	—
Hydera-bad	Nagarparkar	000	0	6	05	02	97	02	0	979	98	9	7	6	9	0	86	99	000	0	8	05	02	95	02	0	921	82	8	2	9	1	9	82	80	—	—	0.1	—	0.1	—
	Chhor	000	0	5	23	17	96	07	0	942	94	5	0	0	0	0	80	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
	Hyderabad	000	0	0	23	12	96	07	0	937	95	0	0	0	9	0	72	98	000	0	6	23	12	95	07	2	938	87	6	0	9	3	0	71	84	+ 1	+ 3	0.0	— 2.2	0.1	9
	Badin	000	0	0	23	16	96	02	0	973	93	0	0	0	9	0	77	95	000	0	6	23	06	96	03	2	977	84	0	0	9	0	6	78	89	— 2	+ 2	0.0	— 2.6	0.0	—
Khairpur	Padidan	000	0	2	13	05	96	03	0	893	10	2	4	7	0	0	72	11	000	0	6	13	03	96	02	2	948	90	0	0	9	3	0	74	86	—	—	0.0	—	0.0	—
	Nawabshah	000	0	0	18	15	96	02	0	910	05	0	0	0	0	0	72	09	000	0	7	18	02	96	03	0	949	88	0	0	9	3	0	73	77	—	—	0.1	—	0.1	4
	Sukkur	000	0	0	13	02	96	02	0	881	62	0	0	0	0	0	77	12	000	0	0	13	05	96	02	0	939	88	0	0	9	0	0	77	85	—	—	0.0	—	0.0	—
	Kashmore	000	0	0	18	02	98	02	0	908	05	0	0	0	0	0	47	07	000	0	0	18	02	98	02	0	949	87	0	0	9	0	0	74	85	—	—	0.1	—	0.0	4
	Jacobaba	000	0	0	09	07	97	02	0	893	06	0	0	9	0	0	72	06	000	0	1	09	07	96	02	0	940	82	1	1	9	0	0	75	87	— 2	+ 2	0.0	— 0.8	0.3	20
unagadh	Veraval	...																	...																							26
	ALL STATIONS																																								
Kashmir	Srinagar **	...																																							71
	Gulmarg **	...																																							26
	Sonamarg **	...																																							3
	Dras **	...																																							6
	Leh **	...																																							—
	Skardu **	...																																							—
	Mirjer **	...																																							3
	Allabad **	...																																							39
	Gilgit **	...																																							
Rawalpindi	Murree *	000	0	6	22	05	96	02	1	402	77	6	5	2	0	0	70	79	010	2	7	13	03	96	02	6	398	70	7	5	2	0	0	67	67	+ 6	+ 9	3.3	—	22.0	18
	Drosh *	...																																							29
Peshawar	Chenat *	000	0	7	18	05	98	01	0	393	94	7	0	7	1	0	70	96	000	0	0	18	02	98	00	0	412	81	0	0	9	0	0	72	//	+ 7	/	0.4	— 3.4	9.7	—
	Kakul *	000	6	5	18	09	95	05	4	382	92	5	0	3	5	0	70	94	000	0	7	18	05	94	05	2	402	82	6	2	4	0	0	70	81	—	—	2.2	—	13.0	29
	Landikotal *	000	0	0	05	05	98	02	0	389	99	0	0	0	9	0	76	03	000	0	0	05	02	98	02	0	394	90	0	0	9	0	0	85	82	—	—	0.0	—	10.5	13
	Prachinar *	000	0	1	16	03	97	02	0	379	92	1	1	6	0	0	57	92	000	0	0	00	00	97	02	0	408	81	0	0	9	0	0	65	73	+ 5	+ 7	17.6	—	24.2	—
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	375	04	0	0	9	0	0	67	05	000	0	0	05	05	99	00	0	390	90	0	0	9	0	0	67	85	—	/	0.5	— 1.3	2.0	11
	Wana *	000	0	0	00	00	99	00	0	403	96	0	0	0	0	0	81	96	000	0	0	00	00	99	00	0	435	85	0	0	9	0	0	73	81	—	—	—	—	—	11
Quetta	Fort Sandeman *	000	0	6	23	05	96	17	2	355	00	6	3	7	9	0	56	00	000	0	0	23	00	96	05	1	393	85	0	0	9	0	0	//	81	+ 0	+ 6	0.3	— 1.6	4.5	—
	Hindubagh *	000	0	0	20	03	97	02	0	365	97	0	0	0	9	0	56	//	000	0	0	00	00	97	02	0	402	81	0	0	9	0	0	66	66	/	/	0.0	—	3.3	9
	Loralai *	000	0	6	27	02	98	01	0	398	95	0	1	8	0	6	55	00	000	0	0	18	02	98	00	0	390	///	0	0	9	0	0	45	57	—	/	0.0	—	0.0	—
	Barkhan *	...																	...																							14
	Harnai *	000	0	8	00	00	96	03	2	364	04	0	0	8	0	8	58	05	003	0	0	00	00	96	02	0	398	91	0	0	9	0	0	69	//	—	/	0.5	— 1.6	2.3	9
	Samungli (Quetta) *	000	0	2	08	00	97	03	0	350	02	0	0	9	0	3	//	94	000	0	0	00	00	96	02	0	409	82	0	0	9	0	0	71	69	—	—	0.0	— 0.3	2.6	8
	Chaman *	000	0	0	23	05	97	00	0	421	06	0	0	9	0	0	56	07	030	0	0	18	05	97	00	0	407	88	0	0	9	0	0	56	81	+ 6	+ 5	0.0	— 8.1	2.7	—
	Nushki *	000	0	0	31	05	97	02	0	444	10	0	0	9	0	0	93	11	000	0	0	00	00	97	02	0	460	90	0	0	9	0	0	77	89	—	—	0.0	—	2.2	4
	Dalbandin *	000	0	0	23	09	97	02	0	368	13	0	0	9	0	0	41	16	000	0	0	00	00	97	02	0	402	//	0	0	9	0	0	38	73	+ 6	+ 4	0.0	— 0.0	0.5	7
Kalat	Kalat *	000	0	0	31	02	97	02	0	363	92	0	0	9	0	0	68	97	000	0	0	16	02	97	02	0	402	76	0	0	9	0	0	44	64	+ 6	+ 2	0.0	— 0.6	1.3	5
	Khuzdar *																																								—
	Panjgur *	000	0	0	00	00	95	05	0	378	11	0	0	9	0	0	43	//	000	0	0	23	02	95	05	0	406	81	0	0	9	0	0	71	77	+ 2		0.0	—	0.0	—

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 19th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_at_d	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{w_1}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
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
		PoPoPo ToToTo DoDo	hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	941 160 08	...	440 204 20	070 124 21	788 000 38	763 095 50	580 219 69	264 463 //	...	...	...	...	...
Dacca ...	00 00	995 274 21	...	390 194 24	040 120 42	580 029 56	754 119 59	971 221 19	.	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	996 300 47	...	400 170 32	302 085 //	572 051 //	744 161 //	956 255 //	241 401 //	...	...	...	...	...
Multan ...	00 00	979 316 59	...	400 310 59	101 204 50	543 054 //	771 045 //	994 121 //	132 295 //	...	...	...	...	...
Peshawar ...	00 00	953 314 57	...	400 280 65	062 200 63	591 094 59	772 012 //	997 127 //	158 415 //	...	...	...	...	...
Quetta ...			...							...	...	...	...	...
Sargodha ...	00 00	982 304 56	...	410 280 50	148 170 56	584 111 //	752 231 //	956 351 //	232 461 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT Ta DD								Max. Wind Speed: PmPmPm dmdm fmfmfm	TROPOPAUSE: PtTtPtTtTat	TROPOPAUSE: dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 226 14	800 076 23	600 062 00	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 214 14	800 160 34	600 064 42	350 167 61	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds tens and units of millibars.
DD—Daw point depression.

hhh—(heights)—Tens of geoposencial metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	140 12	145 13	...	...	...	...	...	...	...	...	...	...	...	...	...	111 71	152 3/	115 53	...	.	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	235 20	240 25	240 19	265 15	...	...	...	...	...	...	...	...	...	...	...	245 27	240 21	...	...	...	...	...	...	...	...	...
Chittagong ...	...	No	Ascent	..	...	...	...	...	...	...	...	...	...	...	...	130 15	130 20	130 17	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	180 12	180 12	180 11	165 13	155 14	140 09	...	...	...	...	...	...	...	...	...	120 10	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	225 07	240 16	245 12	325 10	035 12	055 38	050 32	...	...	265 06	221 50	195 04	295 03	...	...	080 09	045 13	045 11	340 03	340 14	150 00	120 14	...	...
D. I. Khan ...	190 02	175 10	070 12	165 1/	150 10	...	...	...	...	165 11	185 12	180 09	130 04	285 02	355 09	175 10	170 08	110 57	360 18	165 12	020 28	340 08	025 11	345 11	...	...
Drosh ...	...	...	...	225 11	215 17	190 09	340 1/	310 19	...	...	...	..	225 03	220 07	240 57	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	265 03	220 04	330 05	005 21	...	...	...	...	...	220 04	170 08	305 09	...	...	...	265 01	150 02	225 04	275 12	290 17	305 18	...	...
Jacobabad ...	155 05	150 09	140 58	155 02	140 06	060 06	020 13	015 12	010 23	125 11	115 51	...	...	...	...	145 15	150 21	135 08	135 03	235 02	110 01	350 22	019 35	010 37	...	...
Jessore ...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	085 03	095 01	120 03	...	100 09	...	...	...	...	...	...
Jhelum ...	150 06	080 0/	185 04	335 04	355 09	355 06	031 05	020 15	035 19	110 10	126 12	215 0	275 12	...	...	135 05	140 06	150 04	280 10	315 15	325 15	345 17	025 21	040 22	...	...
Jiwani ...	155 20	170 13	280 10	150 01	040 05	030 09	..	...	...	160 07	155 07	150 07	...	...	...	135 03	145 05	160 03	...	...	...	..	...	...	...	...
Karachi ...	250 18	250 19	250 15	...	...	...	...	...	...	...	...	...	...	...	...	250 19	255 22	265 21	...	...	...	...	...	...	...	...
Khanpur ...	200 00	190 12	190 12	165 13	120 08	080 02	030 19	015 20	035 19	...	...	...	...	...	...	220 17	205 19	400 23	200 25	155 21	150 17	115 04	010 06	010 08	...	...
Lahore ...	095 05	200 07	200 07	245 06	305 05	010 08	...	...	...	195 0/	235 10	245 17	115 09	290 10	035 09	145 02	175 03	220 04	255 07	295 09	...	...	...	...	...	...
Multan ...	170 10	195 11	195 13	165 13	120 11	065 04	360 23	010 27	360 22	190 14	195 15	180 13	// //	055 17	// //	190 21	190 23	155 25	195 29	190 31	200 12	300 6/	360 10	331 18	...	...
Nawab Shah ...	195 03	280 03	090 02	030 03	180 06	340 04	010 14	050 17	006 15	235 12	270 03	275 04	315 07	40 / /	355 14	190 06	270 02	080 03	005 06	340 09	360 17	030 25	055 21	090 13	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	090 00	150 08	195 07	310 03	360 08	360 19	350 18	355 20	...	310 01	020 01	240 09	240 04	240 04	...	350 5/	305 03	290 02	260 03	285 06	235 04	...	...	...	...
Quetta ...	...	...	...	...	305 05	300 12	300 05	075 30	050 31	...	...	...	...	185 07	295 17	...	...	...	...	255 05	295 50	255 09	255 05	265 20	...	...
Sargodha ...	...	...	...	...	...	...	...	...	...	...	...	...	245 10	305 05	015 04	...	...	...	...	275 04	...	...	...	...	...	...
Sylhet ...	190 11	...	...	...	...	...	...	...	...	200 10	250 10	255 12	095 18	...	...	105 01	500 2/	230 5/	235 04	085 32	...	...	...	...	...	...
Veraval ...	...	...	...							090 07	060 10	051 7/				147 09	085 20	085 27	/// //							

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

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.B. Sargodha ...																		
Karachi ...	250 29	265 35	266 29	295 21	295 19	295 27	360 09	035 21	035 23	...	.	...	...	...	...	...	...	...
Peshawar ...																		
Quetta																		

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

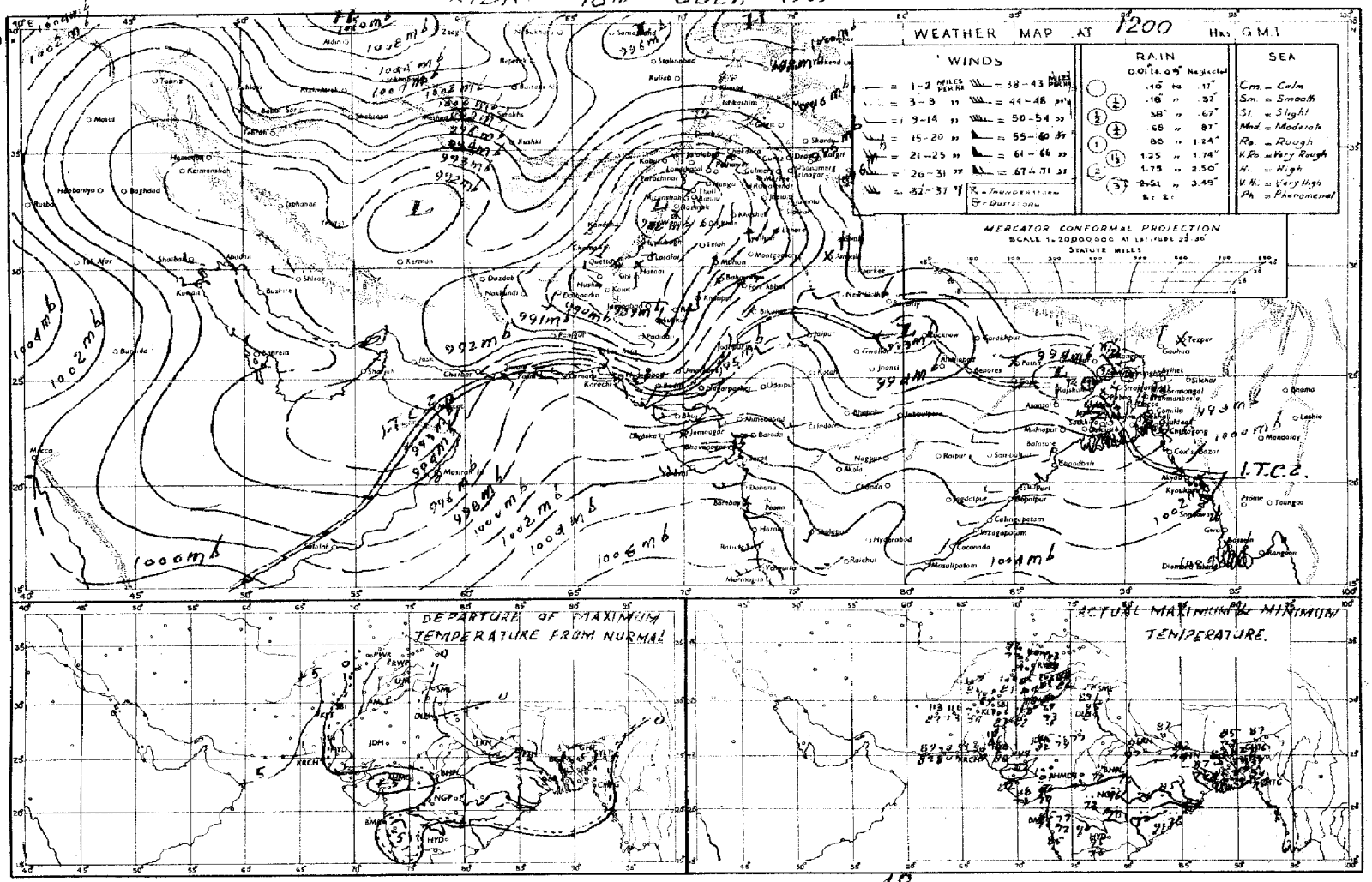
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

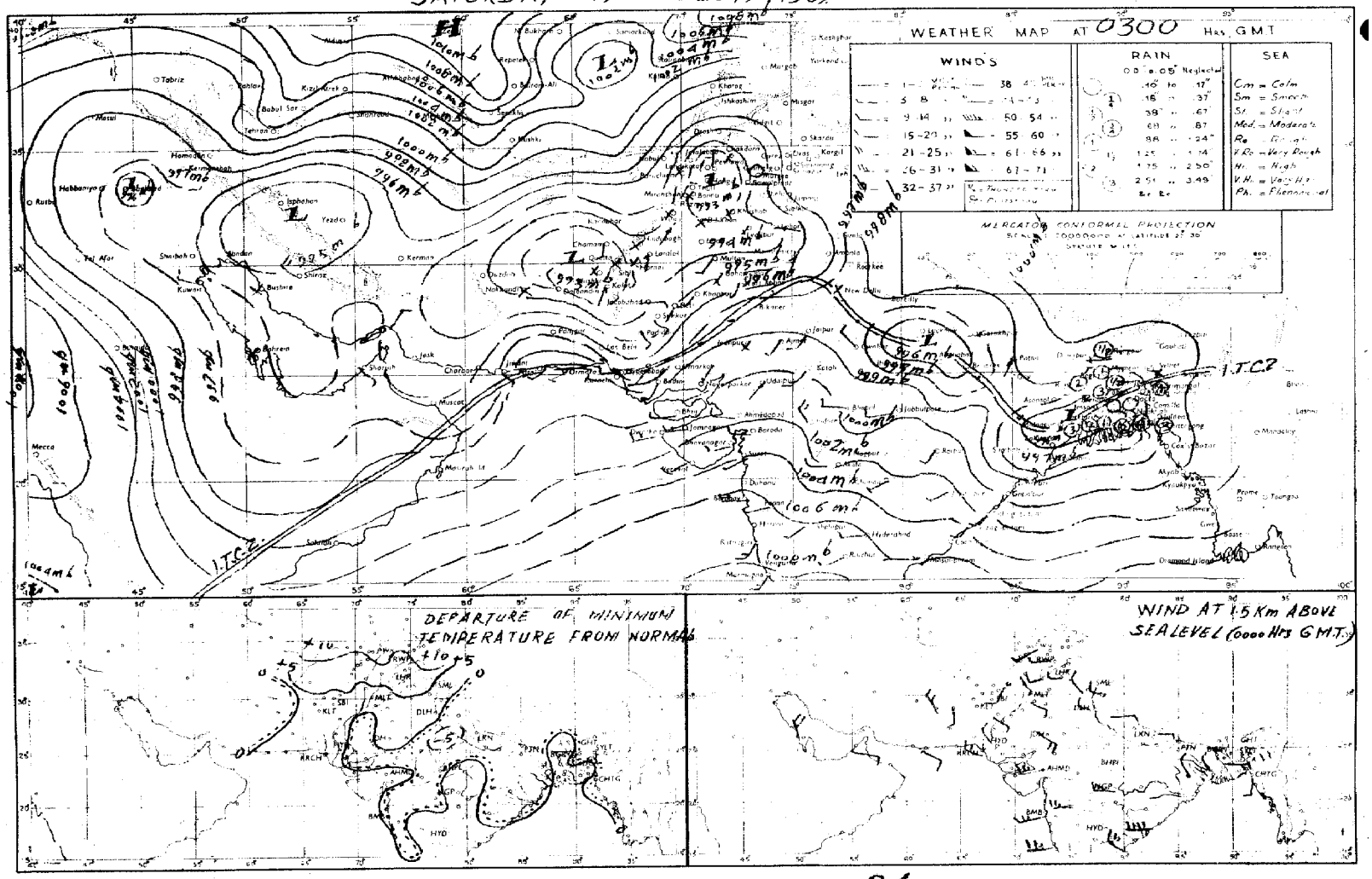
FRIDAY 18th JULY, 1969.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 19th JULY, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 20th JULY, 1969.

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

The monsoon trough has shifted slightly southwards and extends from Rajashtan to north Bay of Bengal where a well marked low has developed. It may concentrate into a depression and move north west wards.

Rain/thundershowers have been scattered in Chittagong, Khulna and Rajshahi divisions. A few falls of light rain occurred in Dacca division also.

The seasonal trough of low pressure extends from Kalat division to Rawalpindi division.

A few thundershowers were reported from Lahore and Rawalpindi division.

Chief amounts of rainfall are : Cox's Bazar 1¼"; Dinajpur and Rangpur ½" each; Chittagong and Barisal ¼" each.

Day temperatures were above normal by 3—6 °F (2—3 °C) in Quetta and Sargodha divisions, by 4—11 °F (2—6 °C) in Peshawar and Rawalpindi divisions and were below normal by 3—5 °F (2—3 °C) in Khulna division.

Forecast valid until the evening of 21st July 1969 :— Fairly widespread rain/thudershowers in East Pakistan, local in Lahore, Rawalpindi, Sargodha divisions and Kashmir. A few thunderstorm showers may also occur in Quetta, Peshawar and Multan divisions.

Karachi-11
The 20th July, 1969.

(ZARIF AHMED)
for Director, Meteorological Service.

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	6	18	02	98	01	2	973	87	5	3	5	/	/	79	90
	Cox's Bazar	085	0	5	13	12	97	03	6	967	90	3	4	4	!	6	83	85
	Chittagong	024	8	7	13	13	97	02	6	959	86	3	8	4	3	1	77	81
	Maijdee Court	0 0	0	5	18	05	97	01	2	954	82	2	2	4	0	1	77	85
	Comilla	000	0	4	18	05	96	02	2	962	85	4	4	5	0	0	77	86
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sylhet	000	0	6	18	05	97	02	2	959	87	5	5	4	7	0	78	93
	Srimangal	000	0	/	//	//	96	02	0	965	85	0	0	9	7	2	81	94
Dacca	Mymensingh	003	0	2	00	00	97	01	1	966	97	2	5	5	0	0	78	90
	Narayanganj	000	0	6	13	05	96	02	2	957	85	2	6	6	3	1	78	85
	Dacca (Tezgaon)	006	6	5	13	05	97	02	6	958	85	5	8	4	3	1	78	86
	Faridpur	000	0	6	16	02	97	02	2	937	82	4	5	6	1	0	78	87
Khulna	Barisal	014	9	7	13	02	97	03	6	954	82	5	8	4	7	/	78	85
	Khulna	030	0	6	00	00	97	02	0	981	80	4	2	4	0	0	//	81
	Satkhira	000	0	7	13	02	97	02	1	944	82	7	4	6	1	0	76	85
	Jessore	003	7	7	15	05	97	02	6	943	85	4	4	6	4	8	78	//
Rajshahi	Pabna	000	0	7	11	05	96	01	2	951	85	5	6	5	3	0	85	8'
	Sirajganj	000	0	6	09	02	92	02	2	953	85	6	6	6	0	0	78	87
	Rajshahi	005	9	5	02	02	95	03	6	955	85	5	5	5	0	0	78	90
	Bogra	000	2	6	07	05	96	02	6	958	87	1	1	6	3	8	78	91
	Dinajpur	060	2	5	09	02	96	02	6	953	85	3	5	6	2	/	80	91
	Rangpur	040	6	7	00	03	96	21	6	992	83	6	5	6	2	0	78	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	7	3	16	02	95	06	6	913	02	3	0	9	1	0	73	04
	Sialkot	000	0	0	00	00	97	00	0	980	98	0	0	9	0	0	70	09
Rawalpindi	Jhelum	000	0	7	18	05	96	03	2	902	05	4	2	6	6	0	78	07
	Islamabad																	
	Rawalpindi	000	0	5	13	02	98	02	0	887	04	2	2	8	9	0	73	05
	Campbellpur																	
Sargodha	Khushab	000	0	0	09	//	97	06	0	987	07	0	0	9	0	0	95	09
	Sargodha	000	0	0	23	09	95	06	0	902	07	0	0	9	0	0	72	09
	Lyallpur	000	0	0	16	02	96	00	0	910	03	0	0	9	0	0	76	05
Multan	Sahiwal	000	0	0	18	05	96	05	0	908	04	0	0	9	0	0	72	//
	Multan																	
	Leiah																	
Bahawalpur	Khanpur	000	0	0	18	03	97	02	0	950	07	0	0	9	0	0	72	07
	Bahawalpur	000	0	0	00	00	96	00	0	916	07	0	0	9	0	0	63	07
	Fort Abbas	000	0	0	23	02	98	00	0	899	11	0	0	9	0	0	85	14
Peshawar	Chakdra	000	0	0	23	02	97	02	0	872	00	0	0	9	0	0	88	03
	Peshawar																	
	Haripur	003	0	0	36	05	97	00	0	875	05	0	0	9	0	0	67	C8
D. I. Khan	Bannu	000	0	4	13	03	98	06	2	884	07	2	2	7	0	7	70	09
	D. I. Khan	000	0	0	00	00	98	03	0	895	82	0	0	9	0	0	78	//
Quetta	Sibi	000	0	0	18	03	97	02	0	904	13	0	0	9	0	0	72	14
	Nokkundi	000	0	0	31	16	97	02	0	883	10	0	0	9	0	0	56	11
Kalat	Turbat	000	0	0	23	02	96	00	0	832	02	0	0	9	0	0	88	02
	Jiwani	000	0	6	16	10	96	03	1	971	87	6	6	5	0	0	75	88
	Pasni	000	0	0	25	14	97	02	0	984	90	0	0	0	0	0	77	91
Karachi division	Ormara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
	Lasbela	000	0	0	13	05	97	00	0	941	99	0	0	8	0	0	75	04
	Karachi (Manora)	000	0	6	25	12	97	03	1	966	84	3	6	4	3	0	78	87
	Karachi (Ariport)	000	0	8	27	16	96	03	2	971	85	5	6	5	1	1	75	90
Hyderabad	Nagarparkar	000	0	8	05	02	97	02	0	999	93	6	6	6	0	0	93	96
	Chhor																	
	Hyderabad	000	0	3	23	16	95	07	1	947	93	0	0	9	0	1	73	98
	Badin	000	0	6	23	14	96	03	0	982	93	0	0	9	0	6	77	95
Khairpur	Padidan	000	0	0	18	05	97	02	0	904	07	0	0	9	0	0	70	10
	Nawabshah	000	0	0	18	10	96	02	0	924	05	0	0	9	0	0	74	07
	Sukkur	000	0	0	13	02	96	02	0	902	11	0	0	9	0	0	80	11
	Kashmore	000	0	0	18	02	98	02	0	918	06	0	0	9	0	0	73	08
	Jacobabad	000	0	0	18	09	97	02	0	899	07	0	0	9	0	0	75	//
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar #																	
	Gulmarg ##																	
	Sonamarg ##																	
	Dras ##																	
	Leh ##																	
	Skardu #																	
	Misgar ##																	
	Aliabad #																	
	Gilgit #																	
Rawalpindi	Murree #	000	0	6	27	05	96	02	1	386	79	6	5	2	0	0	67	79
Peshawar	Drosh #	000	0	1	23	09	99	02	0	342	03	1	2	7	0	0	47	08
	Cherat #	000	0	0	18	02	98	00	0	398	98	0	0	9	0	0	76	00
	Kakul #	000	6	5	23	09	95	05	4	382	93	5	3	5	0	0	68	93
	Landikotal #	000	0	0	05	05	98	02	0	372	00	0	0	9	0	0	73	04
	Prachinar #	030	0	1	16	05	97	02	0	385	91	1	1	7	0	0	63	93
D.I. Khan	Miranshah #	000	0	0	05	05	99	00	0	377	04	0	0	9	0	0	68	05
	Wana #	000	0	0	13	07	99	00	0	391	99	0	0	9	0	0	90	03
Quetta	Fort Sandeman #	000	0	1	00	00	97	02	0	357	04	1	1	7	0	0	47	06
	Hindubagh #	000	0	0	23	03	97	02	0	3/2	92	0	0	9	0	0	48	05
	Loralai #	000	0	0	13	02	98	00	0	399	10	0	0	0	0	0	45	//
	Barkhan #																	
	Harnai #	000	0	0	00	00	96	02	0	376	02	0	0	9	0	0	67	03
	Samungli (Quetta) #	000	0	0	31	05	98	02	0	382	00	0	0	9	0	0	//	02
	Chaman #	000	0	0	27	11	97	00	0	404	06	0	0	9	0	0	87	06
	Nushki #	00g	0	0	36	05	97	02	0	465	10	0	0	9	0	0	94	11
	Dalbandin #	000	0	0	13	02	96	02	0	319	11	0	0	9	0	0	59	13
Kalat	Kalat #	000	0	0	13	02	97	02	0	387	90	0	0	9	0	0	62	93
	Khuzdar #	000	0	2	23	05	96	03	4	366	05	2	5	6	0	0	46	07
	Panjgur #	000	0	0	31	02	95	05	0	400	07	0	0	9	0	0	56	07

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 clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	4	18	03	98	01	2	012	86	2	4	6	7	3	77	81	—	—	—	—	—	—
	Cox's Bazar	162	9	7	12	10	96	60	6	995	79	7	6	3	6	0	77	76	0	— 1	—			140
	Chittagong	031	9	6	13	16	96	02	2	996	85	3	5	4	3	0	76	78	+ 1	+ 1	53.2	+18.0	66.4	108
	Maijdee Court	000	9	4	13	09	97	01	2	993	85	2	2	5	2	0	76	77	— 1	— 1	—	—	—	115
	Comilla	003	0	4	18	05	96	02	0	048	82	0	0	9	3	0	79	77	— 2	0	50 6	+22.9	69.8	94
	Brahmanbaria	030	0	6	18	05	97	03	1	004	85	6	5	5	0	0	76	82		—	24.4	+ 3.2	36.0	78
	Sylhet	000	0	5	09	05	97	02	2	995	90	3	5	5	8	1	81	81	—	—	52.3	—	90.3	—
	Srimangal	000	0	2	09	03	97	01	0	995	90	0	0	9	0	2	81	//	—	/	30.7	+ 2.7	52.1	58
Dacca	Mymensingh	003	0	4	13	02	97	01	1	000	88	4	4	4	0	0	81	82	+ 2	+ 4	—	—	—	91
	Narayanganj	000	0	8	13	04	97	02	2	986	85	8	6	4	3	1	79	81	— 3	+ 2	22.0	+ 1 2	45 5	74
	Dacca (Tezgaon)	006	9	6	13	05	97	01	2	990	85	0	5	4	4	0	79	80	—	—	19.6	—	30.7	—
	Faridpur	000	0	5	16	09	97	02	2	973	85	2	4	5	1	0	79	81	— 1	+ 3	18.5	— 2.0	32.1	71
Khulna	Barisal	018	9	8	09	07	97	02	2	978	82	5	6	3	7	0	79	79	— 2	0	27.5	+ 2.2	37.5	81
	Khulna	000	0	4	00	00	97	03	0	999	82	2	2	4	0	0	79	//	— 6	/	15.9	— 6.0	22 0	68
	Satkhira	0.0	0	8	09	02	97	03	1	973	82	8	6	5	2	0	79	//	— 4	/	14.5	— 6.6	19.7	65
	Jessore	004	2	8	07	10	97	03	5	973	82	6	7	3	2	/	78	77	—	—	19.8	+ 0.2	28.2	65
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					59
	Sirajganj	000	0	2	09	02	98	02	2	983	86	2	2	6	0	0	81	82	— 1	+ 3	19.1	— 0.6	25.8	64
	Rajshahi	003	9	5	13	03	96	03	1	990	88	4	5	5	2	0	79	81	+ 1	+ 2	23 9	+ 5.5	38.0	—
	Bogra	000	9	6	09	05	96	03	2	992	90	6	5	5	3	0	81	81	+ 2	+ 2	16 8	— 3.9	27.8	69
	Dinajpur	060	2	3	07	02	96	01	1	993	90	3	0	9	2	4	82	81	+ 2	+ 2	36.2	+12.0	59 2	72
	Rangpur	040	0	3	09	02	96	01	1	997	92	1	2	6	1	0	85	79	+ 1	+ 1	39.5	+10.3	58.1	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	001	5	8	09	03	96	29	9	987	82	7	7	6	2	/	77	81	+ 4	+ 2	0.7	— 4.4	5.3	19
	Sialkot	000	0	0	20	51	96	00	0	993	85	0	0	9	0	0	68	72	+ 12	— 8	—	—	—	32
Rawalpindi	Jhelum	002	4	8	13	03	96	02	9	991	85	5	7	6	2	/	77	85	—	—	—	—	—	—
	Islamabad																							—
	Rawalpindi	000	0	8	11	08	96	05	2	968	95	6	0	9	6	4	77	84	+ 8	+ 7	2.3	— 4.7	12 4	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	00	95	06	0	963	92	0	0	9	0	0	88	86	+ 7	+ 4	0.1	— 3.5	3.5	15
	Sargodha	000	0	4	13	09	95	06	0	008	90	0	0	9	3	1	77	81	—	—	2.1	—	5.7	—
	Lyallpur	000	0	0	16	03	96	00	0	965	93	0	0	9	0	0	79	88	+ 4	+ 6	0.2	— 2.9	3.1	12
Multan	Sahiwal	000	0	4	18	10	96	05	0	960	90	2	0	9	3	1	73	87	/	— 2	7.4	+ 5.8	10.4	10
	Multan																							7
	Leiah																							8
Bahawalpur	Khanpur	000	0	1	23	05	96	05	2	955	86	2	0	9	3	1	73	82	0	— 1	0.0	— 1.5	0.9	6
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					6
	Fort Abbas	000	0	2	23	02	98	00	2	950	92	2	0	9	0	0	70	76	—	—	0.0	—	0.2	8
Peshawar	Chakdra	000	0	5	27	07	95	02	2	938	90	5	9	9	7	0	81	85	—	—	1.4	—	10.8	—
	Peshawar																							11
	Haripur	000	0	0	05	02	97	00	0	935	94	0	0	9	0	0	76	90	—	—	0.3	—	10.5	—
D. I. Khan	Bannu	000	0	7	00	00	96	06	2	955	92	2	2	7	8	1	76	88	—	—	0.1	—	3.9	11
	D. I. Khan	000	0	0	00	00	98	00	0	954	95	0	0	9	0	0	81	86	/	+ 3	0.3	— 1.7	2.7	9
Quetta	Sibi	000	0	0	18	02	97	02	0	954	95	0	0	9	0	0	54	94	—	—	0.0	—	0.0	5
	Nokkundi	000	0	0	13	03	97	02	0	953	91	0	0	9	0	0	27	84	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	27	03	96	03	0	965	84	0	0	9	0	0	80	//	—	—	0.0	—	0.0	—
	Jiwani	000	0	5	03	03	96	03	2	984	83	5	6	5	0	0	74	80	—	—	0.0	—	2.0	5
	Pasni	000	0	4	29	C8	97	02	0	991	84	4	0	9	0	0	77	83	0	+ 2	0.0	— 0.5	0 0	6
Karachi division	Ormara	000	0	6	27	10	96	06	0	991	83	6	6	6	0	0	80	//		—	0.0	— 0.4	0.6	6
	Lasbela	030	0	0	00	00	58	00	0	970	83	0	0	8	0	0	76	75	—	—	0.0	—	0.0	8
	Karachi (Manora)	000	0	7	27	04	96	03	1	976	82	7	6	4	0	0	78	81	— 1	0	0.0	— 2.6	0.1	8
	Karachi (Ariport)	000	0	8	27	03	96	03	2	973	84	4	6	5	0	0	74	82	—	—	0.1	—	0.1	—
Hyderabad	Nagarparkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Chhor																							7
	Hyderabad	000	0	5	25	10	97	03	1	957	87	2	0	9	3	1	75	83	— 1	+ 2	0.0	— 2.3	0.1	9
	Badin	003	0	6	23	04	96	03	0	991	84	0	0	9	0	6	77	82	— 2	0	0.0	— 2.9	0.0	—
Khairpur	Padidan	000	0	0	07	03	96	02	0	948	88	0	0	9	0	0	73	83	—	—	0.0	—	0.0	—
	Nawabshah	000	0	6	13	03	96	03	2	948	86	0	0	9	0	2	75	83	—	—	0.1	—	0.1	4
	Sukkur	000	0	6	13	05	96	03	2	951	87	6	0	9	6	0	75	85	—	—	0.0	—	0.0	—
	Kashmore	000	0	0	18	02	58	02	0	962	87	0	0	9	0	0	//	85	—	—	0.0	—	0.0	4
	Jacobabad	000	0	0	13	07	96	02	0	953	82	0	0	9	0	0	77	86	/	+ 1	0.0	— 0.9	0.3	20
Junagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar #																							71
	Gulmarg ##																							26
	Sonamarg ##																							3
	Dras ##																							6
	Leh ##																							—
	Skardu #																							—
	Misgar ##																							5
	Aliabad #																							59
	Gilgit #																							
Rawalpindi	Murree #	002	2	8	31	05	96	03	6	435	72	8	5	2	/		65	67	+ 6	+ 9	3.3	—	22.0	18
Peshawar	Drosh #	000	0	4	00	00	94	05	4	421	88	5	8	7	8	6	17	85	+ 11	+ 12	—	—	—	29
	Cherat #	000	0	0	18	03	98	00	0	425	79	0	0	9	0	0	68	//	+ 11	/	0.4	— 3.6	9.8	—
	Kakul #	003	0	7	18	02	94	05	4	432	82	7	2	4	0	0	70	81	—	—	2.2	—	12.9	—
	Landikotal #	000	0	0	31	05	98	02	0	436	86	0	0	9	0	0	72	81	—	—	0 0	—	10.5	29
	Prachinar #	000	0	0	00	00	97	02	0	427	81	0	0	9	0	0	59	76	+ 6	+ 10	17.6	—	24.2	13
D.I. Khan	Miranshah #	000	0	0	05	05	99	00	0	406	93	0	0	9	0	0	41	86	—	—	0.5	— 1.4	2.0	11
	Wana #	003	0	0	00	00	99	00	0	438	90	0	0	9	0	0	79	81	—	—	—	—	—	11
Quetta	Fort Sandeman #	000	0	1	00	00	96	05	0	408	88	0	0	9	0	1	62	85	+ 6	+ 10	0.3	— 1.7	4.5	—
	Hindubagh #	000	0	0	27	03	97	02	0	437	80	0	0	9	0	0	55	65	—	—	0.0	—	3.3	9
	Loralai #	000	0	0	27	02	98	00	0	390	75	0	0	9	0	0	45	57	—	—	0.0	—	0.0	—
	Barkhan #																							14
	Harnai #	003	0	0	00	00	96	02	0	387	89	0	0	9	0	0	69	//	—	—	0.5	— 1.7	2.3	9
	Samungli (Quetta) #	000	0	0	00	00	96	05	0	422	80	0	0	9	0	0	65	64	—	—	0 0	— 0.4	2:6	8
	Chaman #	030	0	0	34	05	97	00	0	411	84	0	0	9	0	0	53	93	+ 5	+ 7	0.0	— 0.1	2.7	—
	Nushki #	003	0	0	03	00	97	02	0	468	88	0	0	9	0	0	72	84	—	—	0.0	—	2.2	4
	Dalbandin #	000	0	0	05	05	96	02	0	409	87	0	0	9	0	0	55	76	+ 3	— 1	0.0	— 0.0	0.5	7
Kalat	Kalat #	000	0	0	23	02	97	01	0	419	69	0	0	9	0	0	54	59	+ 2	— 3	0.0	— 0.6	1.3	—
	Khuzdar #	000	0	0	23	02	95	05	0	401	81	0	0	9	0	0	67	77	—	—	0 6	—	1.9	5
	Panjgur #	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 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 0030 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 20th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV w_w W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR $t_R t_t$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{w_1}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Indian Resource	59 2 10	10 6 33	12 0 03	82 4 24	95 0 22	02 5 78	55 4 11	33 2 25		88 6 94	0 / / 23			
Forest Hill	99 1 95	10 6 32	19 0 63	42 3 24	97 0 22	03 4 28	42 3 00		73 4 00			12 7 44	30 6 06	23 0 11

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
		PoPoPo ToToTo DoDo	hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	995 260 16	...	400 194 09	020 130 45									
Dacca	00 00	997 290 25	...	360 194 20	025 130 62	582 019 56	757 115 57	973 253 63	254 481 / /	438 645 / /	679 159 / /	...	...	...
Gilgit														
Jiwani	00 00	995 300 44	...	380 224 61	061 150 / /	580 014 / /	754 131 / /	...	...	...	...	...	...	...
Karachi		...												
Multan														
Peshawar	00 00	814 250 61	...	/ / /// / /	098 181 / /	588 059 / /	757 213 / /	960 427 / /	...	...	...	...	...	...
Quetta														
Sargodha														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD							Max. Wind Speed	TROPOPAUSE	
									PmPmPm dmdm fmfmfm	$P_tT_aP_tT_aT_aT_{as}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	902 220 12	800 170 01	600 054 34	550 038 50								
Dacca	00 00	900 224 18	800 172 24	600 060 56	523 445 20	350 129 60	...	...	...	...	...	...	...
Gilgit													
Jiwani	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Karachi													
Multan													
Peshawar	00 00	800 244 / /	600 122 / /	532 000 / /	350 323 / /	273 481 / /	...	...	...	...	...	...	...
Quetta													
Sargodha													

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Heights in Kms. a.s.l. →	At 1200 hrs. G.M.T† of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	115 18	110 26	105 38	100 30	100 34	..	..	...	...	095 16	105 17	095 22	095 38	095 27	095 29	105 15	105 17	105 22	105 30	105 31	100 34	090 37	085 31	/// //	100 34	085 37
Chaklala		220 07	220 08	265 15	250 06	...	...	...	...		125 10	115 10	145 08	160 08	...	...	145 06	115 10	105 09	100 06	...	...	...	...	...	...
Chhor		...	...	...	...	...	...	...	...	...	...	...	...	...	...	230 10	220 10	230 10	...	...	...	...	...	...	...	...
Chittagong	135 18	135 23	140 23	140 36	...	...	...	...	...	...	...	...	...	...	...	120 15	130 21	140 29	...	...	...	...	...	...	...	...
Cox's Bazar	No	Ascent	...	...	...	...	...	...	...	150 23	150 29	155 29	160 26	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	135 12	135 12	150 17	145 27	150 27	130 27	130 35	130 41	130 41	130 33	120 32	120 35	105 36	105 36	105 32	110 13	110 25	120 35	115 31	120 33	...	...	...	...	...	...
Dalbandin		...	150 10	150 02	160 07	190 12	350 13	195 12	...	...	...	085 05	020 11	010 12	305 07	...	...	080 05	325 09	325 10	335 16	135 16	085 13	070 17	080 27	075 26
D. I. Khan	190 15	180 15	175 15	180 10	180 06	...	...	...	...	050 05	045 04	095 03	100 03	050 06	345 05	091 00	110 11	120 11	/// //	265 / /	...	...	...	...	...	...
Drosh	...	...	...	...	215 13	250 09	355 14	215 07	340 22	...	...	...	215 01	215 06	250 08	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	050 02	315 08	070 02	305 19	005 18	005 21	...	...	...	015 03	285 02	305 06	...	...	...	020 07	340 02	065 06	035 11	015 09	...	...	...
Jacobabad	165 13	165 19	165 21	160 21	160 15	040 06	005 15	325 21	025 53	170 13	195 10	195 10	345 06	065 03	010 06	125 11	170 10	170 15	195 04	095 08	040 17	025 17	075 10	270 20	035 41	010 65
Jessore	115 18	125 17	125 18	...	...	...	...	...	...	...	...	...	...	...	...	015 19	100 29	100 25	...	...	...	...	...	...	...	...
Jhelum	160 05	190 08	180 05	180 07	255 05	260 10	..	...	...	100 11	120 20	155 10	255 08	305 12	...	120 10	120 15	125 18	185 16	...	...	...	...	...	...	...
Jiwani	155 09	215 04	270 08	...	...	...	...	...	...	125 04	160 05	295 04	300 16	305 23	305 10	190 08	090 03	310 14	...	...	...	...	...	...	...	...
Karachi	250 23	255 23	265 23	...	...	...	...	...	...	...	...	...	...	...	...	275 12	280 23	...	...	...	...	...	...	...	...	...
Khanpur	210 07	195 08	195 08	235 05	095 04	015 05	065 07	065 13	065 13	...	...	...	...	...	...	205 15	180 17	165 17	/// / /	145 13	/// / /	055 22	/// / /	050 32	/// / /	...
Lahore	125 04	150 07	150 08	170 07	270 10	325 10	340 12	...	...	085 18	105 18	115 20	195 27	265 20	...	120 06	150 11	140 09	270 02	335 07	015 08	...	...	...	...	...
Multan	195 13	190 13	190 15	175 12	110 03	355 12	015 27	020 27	020 33	210 21	195 22	200 22	230 21	...	...	185 14	115 12	150 15	150 23	135 24	120 17	050 23	040 20	040 27	060 36	050 03
Nawab Shah	200 10	215 09	255 07	015 04	005 15	025 16	285 49	265 64	245 40	190 04	150 05	185 07	040 06	190 13	345 19	095 04	105 04	/ 70 07	115 08	130 / /	060 14	035 28	...	...	...	...
Panjgar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	265 06	245 02	280 12	285 19	290 25	...	...	...	290 21	310 03	...	...	...	...	...	300 06	350 16	050 09	010 08	050 19	...	...
Sargodha	180 07	190 10	190 10	235 06	315 09	...	..	...	...	085 02	085 02	165 18	070 12	070 13	025 15	095 09	105 05	110 04	135 02	020 00	..	...	...	...	...	...
Sylhet	...	...	...	..	...	...	...	...	...	085 10	085 20	095 27	105 20	105 21	125 22	115 15	105 18	100 21	..	...	...	...	...	...	...	...
Veraval	...	...	...	..	...	...	..	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...

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

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
F.R. Sargodha																		
Karachi																		
Peshawar																		
Quetta																		

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

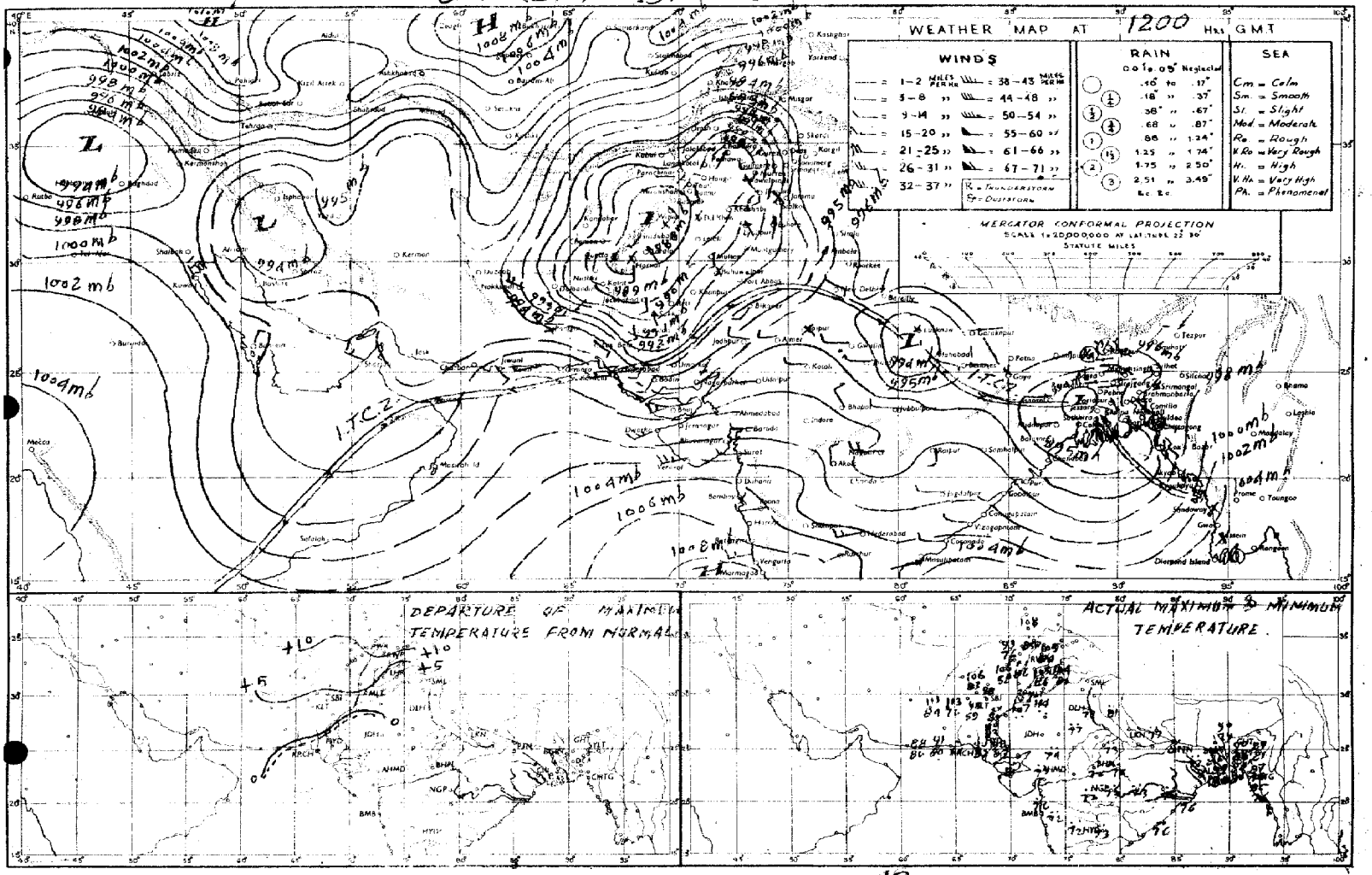
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
ff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

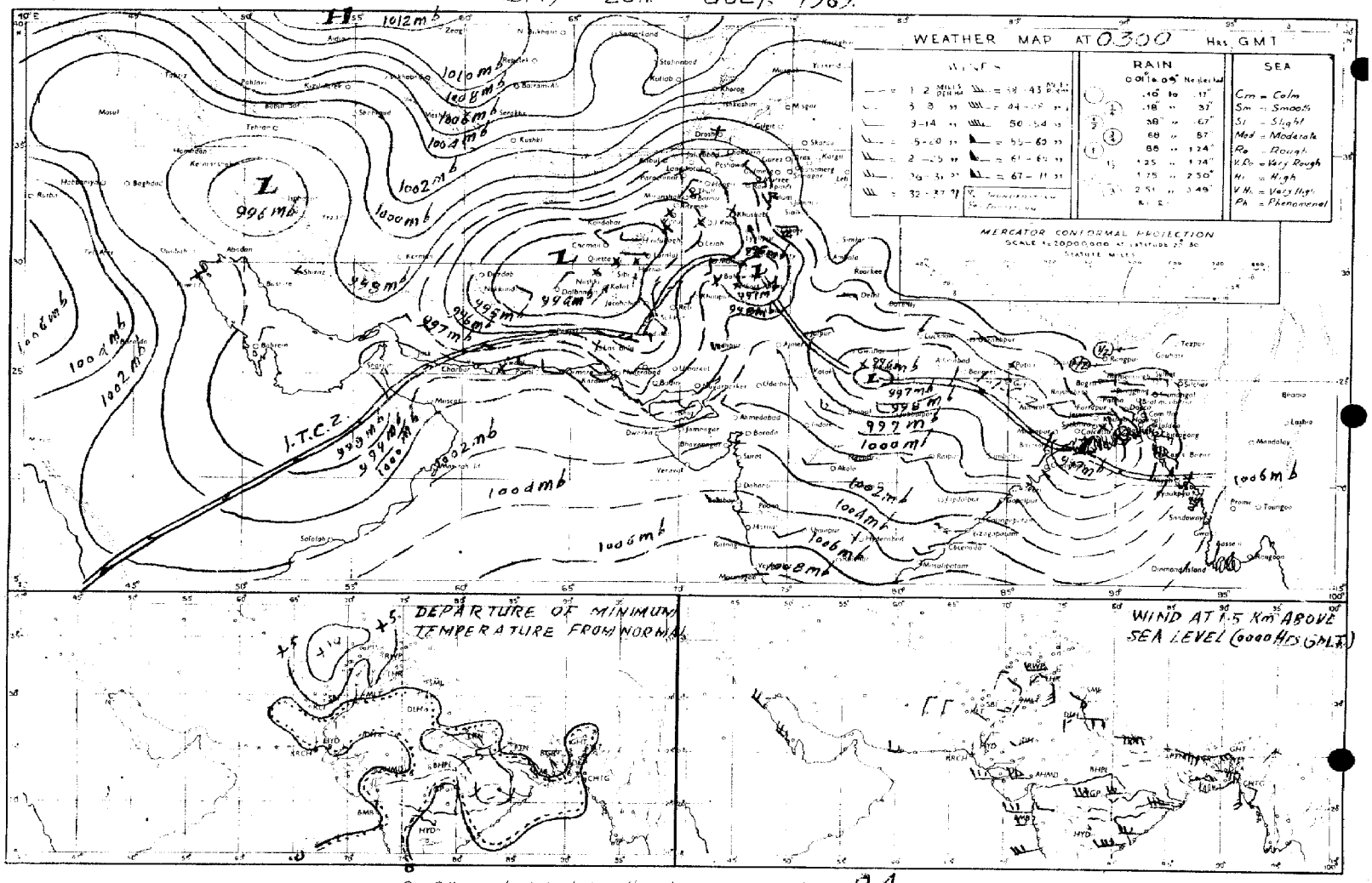
SATURDAY 19th JULY 1969.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 20th JULY 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 21st JULY, 1969.

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

Observations are lacking but believe yesterday's well marked low pressure area over north Bay of Bengal moved inland and lies over Chota Nagpur and neighbourhood. Monsoon is weak over East Pakistan. Rain/thundershowers have been scattered in Chittagong and Khulna divisions while a few thunderstorms or light showers have occurred in Dacca division. A monsoon low travelling westwards across south Uttar Pradesh now lies as a well marked low pressure area over East Rajashtan. In its association monsoon easterlies are penetrating into West Pakistan. Fairly widespread thundershowers have occurred in Rawalpindi division, scattered in Hyderabad division and a few falls of rain/drizzle in Karachi.

Chief amounts of rainfall are : Cox's Bazar 1", Rawalpindi and Murree ½" each, Jhelum ¼".

Day temperatures were 3—6 °F (2—3 °C) above normal in Peshawar, D. I. Khan and Multan divisions and nearly normal elsewhere over the country.

Forecast valid until the evening of 22nd July 1969 :—Fairly widespread rain/thudershowers are likely to occur in Karachi, Hyderabad and Khairpur divisions, local in East Pakistan, Lahore, Rawalpindi divisions and Kashmir and scattered elsewhere over West Pakistan.

Karachi-11
The 21st July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	0	7	18	09	98	01	2	992	87	5	3	6	7	/	76	87
	Cox's Bazar ...	087	1	8	18	12	96	50	5	984	78	4	4	4	2	0	77	83
	Chittagong ...	0 5	9	7	13	12	96	02	6	982	80	5	4	4	3	0	77	85
	Maijdee Court ...	0"0	9	8	13	13	96	C3	2	968	82	5	4	5	2	0	77	86
	Comilla ...	000	0	5	18	09	96	02	2	976	85	5	4	5	0	0	76	91
	Brahmanbaria ...	000	0	7	13	03	97	03	1	990	86	6	5	5	0	0	78	91
	Sylhet ...	000	0	7	13	05	96	17	9	984	90	5	4	5	2	/	78	93
	Srimangal ...	025	3	7	09	05	96	02	6	000	82	4	8	3	3	1	81	94
Dacca	Mymensingh ...	003	0	2	00	03	97	01	1	005	87	2	5	5	0	0	80	95
	Narayanganj ...	000	0	8	13	06	96	03	2	982	85	8	7	3	/	/	77	86
	Dacca (Tezgaon) ...	005	3	7	13	09	97	03	6	978	85	6	6	3	7	0	78	90
	Faridpur ...	000	0	8	16	07	97	02	2	959	82	2	5	4	1	0	76	87
Khulna	Barisal ...	002	5	8	13	07	97	02	2	960	82	6	4	4	2	0	78	85
	Khulna ...	...	...	...	...	...	...	...								...		
	Satkhira ...	015	/	6	13	02	97	03	6	937	82	6	6	5	/	0	78	87
	Jessore ...	000	0	7	09	13	97	02	2	943	85	7	3	2	2	0	82	87
Rajshahi	Pabna ...																	
	Sirajganj ...	C00	0	4	03	03	97	02	2	965	87	4	4	6	0	0	78	90
	Rajshahi ...	000	0	8	09	05	55	03	1	965	86	8	7	5	/	/	77	91
	Bogra ...	000	0	8	00	00	96	02	2	967	87	6	8	4	2	/	80	91
	Dinajpur ...	000	9	7	09	03	//	//	/	971	87	7	0	6	2	/	78	91
	Rangpur ...	003	0	7	11	02	96	03	1	954	82	5	5	6	2	0	76	98
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	6	13	02	95	05	2	949	98	3	5	6	2	0	73	98
	Sialkot ...																	
Rawalpindi	Jhelum ...	000	9	7	09	07	96	01	2	962	91	2	5	6	7	0	77	93
	Islamabad ...	000	0	8	27	03	95	03	1	412	72	8	5	2	/	/	68	76
	Rawalpindi ...	000	0	8	13	02	98	02	2	955	91	0	0	9	0	8	77	96
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	0	09	//	96	06	0	946	05	0	0	9	0	0	72	07
	Sargodha ...	000	0	1	13	05	96	06	1	940	00	0	0	9	0	1	76	00
	Lyallpur ...	000	0	4	11	02	96	02	0	942	96	0	0	9	0	0	76	00
Multan	Sahiwal ...																	
	Multan ...	000	0	0	00	00	96	05	2	932	02	4	5	6	2	/	73	05
	Leiah ...																	
Bahawalpur	Khanpur ..	000	0	3	13	05	97	02	0	924	07	2	0	9	3	1	73	07
	Bahawalpur ...	000	0	0	00	00	94	00	0	938	05	0	0	9	0	0	60	07
	Fort Abbas ...	///	/	2	02	02	98	00	0	919	11	0	0	9	0	0	86	14
Peshawar	Chakdra ...	000	0	0	31	05	92	05	4	903	98	0	0	9	0	0	87	98
	Peshawar ...	000	0	2	31	03	95	06	0	909	05	2	3	6	3	0	76	05
	Haripur ...	000	0	0	20	32	97	00	0	871	07	0	0	9	0	0	67	07
D. I. Khan	Bannu ...	000	0	8	11	07	98	07	3	920	02	2	2	7	1	7	73	C6
	D. I. Khan ...	000	0	0	00	00	98	00	0	927	05	0	0	9	0	0	76	07
Quetta	Sibi ...	000	0	8	18	02	97	03	1	917	13	6	2	9	6	2	48	14
	Nokkundi ...	000	0	0	31	05	91	02	0	883	10	0	0	9	0	0	44	14
Kalat	Turbat ...	000	0	0	27	02	96	C0	0	900	07	0	0	9	0	0	73	07
	Jiwani ...	000	0	0	18	09	96	01	1	949	87	0	0	9	0	0	76	88
	Pasni ...	000	0	0	25	18	97	02	0	840	50	0	0	0	0	0	79	91
Karachi division	Ormara ...	000	0	1	27	12	96	02	2	961	87	1	6	6	0	0	83	90
	Lasbela ...	000	0	0	13	03	97	C0	0	919	03	0	0	8	0	0	75	06
	Karachi (Manora) ...	000	0	7	25	02	96	C3	2	941	83	7	5	5	/	/	77	86
	Karachi (Ariport) ...	000	0	7	27	14	96	02	2	953	87	3	6	5	3	0	77	91
Hyderabad	Nagarparker ...	000	0	8	05	02	95	02	0	991	85	8	6	6	0	0	75	90
	Chhor ...	000	0	7	23	12	96	02	2	992	93	1	5	6	7	4	76	94
	Hyderabad ...	000	0	7	23	C7	97	02	2	930	98	7	0	9	3	0	76	03
	Badin ...	000	0	6	23	06	96	03	0	974	93	0	0	9	0	6	77	54
Khairpur	Padidan ...	0C0	0	6	13	07	//	03	1	920	09	2	2	4	7	0	69	11
	Nawabshah ...	000	0	1	13	02	96	02	2	918	03	2	5	6	2	0	73	C6
	Sukkur ...	000	0	7	13	05	96	03	2	930	04	7	0	9	9	4	71	C8
	Kashmore ...	C00	0	4	00	00	98	03	0	922	08	0	0	9	0	4	72	10
	Jacobaba ...	000	0	6	13	09	97	03	1	925	06	2	0	9	3	0	74	07
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ..	...	...	...	...	...	...	...	...	...	...	...	—	...	—	...	...	...
Peshawar	Drosh * ..	000	5	1	20	12	96	05	4	358	03	1	1	7	0	0	56	07
	Cherat * ...	000	0	0	18	06	98	00	0	357	93	0	0	9	0	0	72	95
	Kakul * ...	000	0	7	27	05	94	03	4	442	90	3	2	4	0	0	68	96
	Landikotal * ...	000	0	0	05	05	98	02	0	372	00	0	0	9	0	0	73	00
	Prachinar * ...	000	0	4	16	03	97	01	0	413	90	4	4	6	0	0	76	91
D.I. Khan	Miranshah * ...	000	0	5	05	05	97	02	0	404	02	0	0	9	0	0	67	04
	Wana * ...	000	0	0	13	06	99	00	0	417	93	0	0	9	0	0	80	96
Quetta	Fort Sandeman * ...	000	4	6	18	05	96	05	9	399	90	5	4	7	2	0	49	00
	Hindubagh * ...	000	0	0	20	00	95	05	0	367	97	0	0	9	0	0	35	00
	Loralai * ...	000	0	0	13	04	98	01	0	399	93	0	1	8	0	8	45	98
	Barkhan * ...																	
	Harnai * ...	000	0	8	00	00	96	03	2	379	00	0	6	6	0	0	67	04
	Samungli (Quetta) * ...	000	0	1	31	05	96	03	0	392	01	0	0	9	0	1	87	04
	Chaman * ...	000	0	0	27	05	97	00	0	399	04	0	0	9	0	0	73	06
	Nushki * ...	000	0	0	31	05	97	02	0	453	08	0	0	9	0	0	85	09
	Dalbandin * ...	000	0	0	13	02	96	02	0	393	10	0	0	9	0	0	65	12
Kalat	Kalat * ...	000	0	0	31	02	97	02	0	379	87	0	0	9	0	0	54	92
	Khuzdar * ...	000	0	2	13	10	95	05	0	362	01	0	0	9	0	1	56	07
	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 clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure from Normal of: Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati ...	000	0	3	13	02	98	01	1	039	86	1	4	6	3	4	77	78	—		—	—	—	—
	Cox's Bazar ...	138	0	5	13	18	97	01	6	028	82	3	3	4	3	0	77	77	5	+ 1	—	—	—	140
	Chittagong ...	015	0	6	13	12	97	03	2	023	85	2	8	4	0	1	76	76	0	— 1	53.3	+17.4	66.5	108
	Maijdee Court ...	0C0	9	4	18	05	97	C3	0	///	85	2	2	5	2	0	77	77	0	— 1	—	—	—	115
	Comilla ...	000	0	4	18	05	96	02	0	026	82	0	0	9	0	0	72	76	+ 3	— 1	50.6	—22.4	69.8	94
	Brahmanbaria ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				78
	Sylhet ...	000	0	6	23	03	97	02	9	032	85	4	4	5	3	0	76	//	—	—	52.3	—	90.3	—
	Srimangal ...	028	9	4	13	02	96	02	6	030	85	0	0	9	7	2	77	77	—	+ 1	31.0	+ 2.6	52.4	98
Dacca	Mymensingh ...	003	0	5	13	02	97	02	2	031	88	5	5	4	0	0	79	81	+ 7	+ 3	—	—	—	91
	Narayanganj ...	0C0	0	8	13	06	97	03	2	018	85	8	6	3	0	/	77	78	— 2	— 1	22.0	+ 0.8	45.5	74
	Dacca (Tezgaon) ...	002	6	7	11	05	97	02	6	019	82	7	5	4	0	0	77	79	—	—	19.6	—	30.7	—
	Faridpur ...	005	0	8	16	07	97	02	2	011	82	6	4	5	1	0	79	79	— 1	0	18.5	— 1.5	32.2	71
Khulna	Barisal ...	003	9	6	13	05	97	02	2	014	85	5	6	4	7	0	79	79	— 2	0	27.5	+ 1.6	37.5	81
	Khulna ...	000	0	0	00	00	97	00	0	992	78	0	0	9	0	0	//	78	—	0	15.9	— 6.5	22.0	68
	Satkhira ...	020	0	8	13	02	97	80	5	001	82	8	7	5	0	0	78	78	— 2	0	14.7	— 6.9	19.9	65
	Jessore ...	006	9	7	11	C8	97	03	6	007	85	6	3	3	2	0	78	79	—	—	19.8	+ 0.1	28.2	65
Rajshahi	Pabna ...																							59
	Sirajganj ...	000	0	6	03	03	98	02	2	959	82	6	6	6	0	0	77	81	+ 2	+ 2	19.0	— 1.0	25.7	64
	Rajshahi ...	005	9	7	09	05	95	03	1	001	85	8	8	5	/	/	78	80	+ 2	+ 2	24.0	+ 5.2	38.0	—
	Bogra ...	000	6	6	13	05	96	02	2	018	85	3	5	4	7	2	78	81	+ 2	+ 2	16.8	— 4.2	27.8	69
	Dinajpur ...	000	3	5	03	02	96	01	1	016	88	5	0	9	2	/	75	81	+ 2	+ 2	36.2	+11.6	59.2	72
	Rangpur ...	000	0	3	09	05	96	01	1	991	91	3	0	9	1	0	85	78	+ 9	— 1	39.5	+13.9	58.1	84
Kashmir	Jammu ...																							—
Lahore	Lahore (Jail Rd.) ...	000	0	4	13	02	95	05	0	987	90	1	5	6	7	0	77	82	— 2	+ 3	0.7	— 4.5	5.3	19
	Sialkot ...																							32
Rawalpindi	Jhelum ...	021	0	7	13	02	97	17	9	990	81	5	9	6	7	0	79	81	—	—	—	—	—	—
	Islamabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Rawalpindi ...	067	4	8	36	02	97	61	9	000	79	8	5	6	0	0	79	79	— 1	+ 2	3.0	— 4.7	13.1	36
	Campbellpur ...																							—
Sargodha	Khushab ...	000	0	8	09	11	57	03	0	985	92	4	2	9	4	0	88	88	+ 5	+ 6	0.1	— 3.6	3.5	15
	Sargodha ...	000	0	3	05	03	56	06	0	983	90	1	3	4	3	0	81	86	—	—	2.1	—	5.7	—
	Lyallpur ...	000	0	4	16	02	96	02	0	586	90	4	3	8	0	0	81	88	— 1	+ 6	0.2	— 3.0	3.1	12
Multan	Sahiwal ...																							10
	Multan ...	000	0	5	13	03	96	03	2	975	94	1	5	6	3	1	77	90	+ 3	+ 5	7.4	+ 5.7	10.4	7
	Leiah ...																							8
Bahawalpur	Khanpur ..	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	0					6
	Bahawalpur ...	000	0	0	C0	00	96	C0	0	973	94	0	0	9	0	0	76	85	+ 2	+ 2	—	—	—	6
	Fort Abbas ...	...	...		...	...	...	...		...	...	...	...		...	...	..	...	—					8
Peshawar	Chakdra ...	003	0	6	27	03	97	07	3	959	85	1	6	9	7	0	//	81	—	—	1.4	—	10.8	—
	Peshawar ...	C00	0	2	31	03	96	06	0	974	88	1	5	6	3	0	79	88	+ 3	+ 8	—	—	—	11
	Haripur ...	C04	4	8	36	02	57	03	5	978	88	0	0	9	7	0	76	82	—	—	0.4	—	10.5	—
D. I. Khan	Bannu ...	...	...	...	...	...	...	...	...	...	...	...					...	...	—					11
	D. I. Khan ...	000	0	1	C0	C0	58	00	0	973	94	0	0	9	0	0	81	85	+ 4	+ 2	0.3	— 1.7	2.7	9
Quetta	Sibi ...	000	0	0	18	03	97	02	0	968	96	0	0	9	0	0	62	94	—	—	0.0	—	0.0	5
	Nokkundi ...	C00	0	4	31	19	56	03	0	936	92	0	0	9	0	1	30	85	—	—	0.0	—	0.3	2
Kalat	Turbat ...	000	0	0	23	02	96	00	0	851	86	0	0	9	0	0	77	//	—	—	0.0	—	0.2	—
	Jiwani ...	000	0	6	27	02	96	02	3	965	84	0	0	9	0	1	78	82	—	—	0.0	—	2.0	5
	Pasni ...	C00	0	4	13	//	96	00	7	977	82	4	0	9	0	0	79	80	0	+ 2	—	— 0.5	0.0	6
Karachi division	Ormara ...	000	0	6	27	02	96	00	2	902	83	6	6	6	7	0	82	//	—	/	0.0	— 0.5	0.6	6
	Lasbela ...	...	...	...	...				...		...	...	...		...		...		—					8
	Karachi (Manora) ...	003	3	7	27	03	96	51	5	967	82	7	5	5	/	/	79	82	— 2	+ 1	0.1	— 2.6	0.2	8
	Karachi (Ariport) ...	004	2	8	00	00	96	50	5	967	82	1	6	5	2	1	79	80	—	—	0.1	—	0.2	—
Hyderabad	Nagarparker ...	000	0	8	05	02	96	02	0	991	79	8	6	6	0	0	79	78	—	—	0.1	—	0.1	—
	Chhor ...	005	0	8	20	20	96	02	3	960	83	4	5	6	2	1	79	80	—	—	0.1	—	0.1	7
	Hyderabad ...	(12	7	8	27	03	97	C2	6	947	84	8	0	9	3	0	79	81	+ 4	0	0.1	— 2.2	0.2	9
	Badin ...	(03	0	9	23	03	96	03	0	977	81	9	0	9	0	0	79	80	— 3	— 1	0.0	— 3.1	0.0	—
Khairpur	Padidan ...	C00	0	6	18	03	96	02	2	958	91	3	4	7	1	0	79	85	—	—	0.0	—	0.0	—
	Nawabshah ...	000	0	7	17	05	96	03	0	959	88	7	0	9	2	0	78	85	—	—	0.1	—	0.1	4
	Sukkur ...	000	9	7	23	03	96	03	2	957	92	7	9	9	9	0	81	86	—	—	0.0	—	0.0	—
	Kashmore ...	000	0	0	00	00	98	02	0	966	89	0	0	9	0	0	75	84	—	—	0.0	—	0.0	4
	Jacobaba ...	000	0	3	27	02	96	02	0	957	//	2	0	9	4	1	88	88	— 1	—	0.0	— 1.0	0.3	20
Junagadh	Veraval ...																							26
	HILL STATIONS																							
Kashmir	Srinagar * ...																							—
	Gulmarg ** ...																							71
	Sonamarg ** ...																							26
	Dras ** ...																							3
	Leh ** ...																							6
	Skardu * ...																							—
	Misgar ** ...																							—
	Aliabad * ...																							5
	Gilgit * ...																							59
Rawalpindi	Murree * ..	048	2	9	13	03	90	61	9	426	67	9	/	/	/	/	67	62		+ 4	3.8	— 8.1	22.4	18
Peshawar	Drosh * ..	000	0	2	00	00	94	05	4	427	88	2	1	7	0	0	67	85	+ 10	+ 12	—	—	—	29
	Cherat * ...	0:0	0	7	18	01	98	01	1	442	29	/	/	/	/	/	//	62	+ 6	— 9	0.4	— 3.6	9.7	—
	Kakul * ...	...	..		...	...	...	...	.	...	...	...		...	...	...	...	...						—
	Landikotal * ...	000	0	0	31	05	58	00	0	430	85	0	0	9	0	0	79	77	—	—	0.0	—	10.5	29
	Prachinar * ...	000	0	3	00	00	98	05	0	446	79	2	2	6	0	0	68	76	—	+ 10	17.6	—	24.2	13
D.I. Khan	Miranshah * ...	000	0	0	03	05	99	00	0	432	88	0	0	9	0	0	72	81	+ 4	—	0.5	— 1.4	1.9	11
	Wana * ...	000	0	7	00	C0	98	06	2	480	90	2	2	7	1	7	79	90	—	—	—	—	—	11
Quetta	Fort Sandeman * ...	000	0	3	05	03	97	03	1	419	87	3	0	9	3	0	62	79	0	+ 5	0.3	— 1.7	4.5	—
	Hindubagh * ...	000	0	6	00	00	96	03	0	437	80	6	1	6	0	0	43	68	—	—	0.0	—	3.3	9
	Loralai * ...	000	0	0	13	02	58	00	0	400	80	0	0	9	0	0	45	58	—	—	0.0	—	0.0	—
	Barkhan * ...																							14
	Harnai * ...	003	0	8	00	00	96	03	2	406	86	0	0	7	0	7	70	//	—	/	0.5	— 1.8	2.3	9
	Samungli (Quetta) * ...	003	0	1	35	03	95	05	0	421	80	/	/	/	/	/	73	//	—	/	0.0	— 0.4	2.6	8
	Chaman * ...	000	0	8	09	04	97	03	1	410	88	9	6	5	0	0	56	91	+ 5	+ 6	0.0	— 0.1	2.7	—
	Nushki * ...	000	0	0	05	03	95	05	0	469	//	0	0	9	0	0	72	88	—	—	0.0	—	2.2	4
	Dalbandin * ...	000	0	0	05	07	96	02	0	406	95	0	0	9	0	0	47	85	+ 2	+ 9	0.0	— 0.0	0.5	7
Kalat	Kalat * ...	000	0	0	23	02	97	00	1	410	79	0	0	9	0	0	63	64	+ 1	+ 2	0.0	— 0.6	1.3	—
	Khuzdar * ...	000	0	4	09	02	96	05	4	409	87	2	5	6	4	0	63	81	—	—	0.6	—	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 ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 21st JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt	$8N_sCh_s h_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dumra	99 2 33	10 6 74	20 1 83	83 5 19	97 8 08	97 6 78	87 4 //		73 7 05		00 1 26	...	30 3 03	26 6 05
Forest Hill	99 1 95	10 6 32	19 9 73	42 3 24	97 0 22	03 4 28	42 3 00		73 4 00		0 / / 23	12 7 44	30 6 06	23 0 11
Mombala	99 2 28	10 6 76	20 0 63	82 3 24	97 0 22	98 5 85	85 4 //		74 4 00		05 1 78	...	30 5 03	24 0 66
Riyomaru	99 7 12	10 6 80	20 1 43	81 5 26	96 0 22	05 5 78	47 4 20		73 2 15		05 2 24	12 9 00	...	...
Bombala	99 2 41	10 6 70	20 1 23	82 3 24	97 0 22	95 1 84	85 4 //		74 7 34		05 3 77	...	30 5 03	26 6 06

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface (PoPoPo ToToTo DoDo)	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 ...														
Dacca ...	00 00	000 074 19	...	400 200 56	081 124 57	584 005 59	760 105 59	976 261 62	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	994 280 20	...	400 190 14	026 100 38	522 07/ //	743 15/ //	958 241 //	241 202 46	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	957 310 58	...	300 254 56	189 174 57	598 022 66	774 101 //	991 201 //	260 391 //	...	...	...	...	...
Quetta ...	00 00	813 248 62	...		087 182 62	581 075 //	752 153 //	963 427 //	222 571 //	.	...	...	...	...
Sargodha ...	00 00	586 270 57	...	500 194 57	133 094 40	584 065 //	755 155 //	567 261 //	260 361 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...	00 00	900 222 56	800 164 57	600 054 57	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...		...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...		...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds 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,

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	100 15	120 21	120 30		120 37	...	...	...	...	115 15	23 / 5	...	...	...	...	120 21	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	130 19	145 11	140 07	330 08	325 14	...	...	...	No	Ascent	...	...	...	...	...	095 04	125 11	120 10	140 08	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	325 08	230 07	245 06	...	...	...	...	...	...	...	...
Chittagong ...	135 17	135 26	145 27	...	150 31	...	...	...	...	...	...	...	...	...	...	135 13	135 18	140 26	150 24	190 06	...	...	...		...	...
Cox's Bazar ...	150 19	160 17	170 20	...	...	...	...	...	...	135 19	135 23	145 25	160 28	170 27	190 30	150 23	150 25	150 24	160 21	178 24	...	...	...	...	...	...
Dacca ...	123 13	120 23	123 30	...	...		...	...	...	135 20	135 16	135 16	...	120 20	...	115 12	135 15	140 19	145 26	140 /4	...	...	...	...		...
Dalbandin ...	...	...	090 02	125 04	255 05	300 10	...	295 07	285 12	...	...	045 14	070 25	030 13	180 10	...	...	075 05	075 09	075 25	075 25	020 29	070 14	090 23	...	...
D. I. Khan ...	195 12	190 10	170 08	155 08	135 13	...		...	...	085 11	145 11	175 09	181 51	245 10	305 08	190 11	180 12	170 11	181 03	190 13	180 13	045 03	175 04	030 07	...	...
Drosh ...	...	...	...	230 09	215 13	215 07	355 14	335 14	340 20	...	...	...	225 05	220 04	250 02	...	...	...	270 02	070 03	345 08	360 15	305 15	005 17	335 16	320 13
Fort Sandeman ...	...	...	...	215 01	105 07	350 11	315 30	...	...			...	205 04	270 04	345 03	...	...	...	010 04	340 04	035 01	085 13	085 13	015 21	...	...
Jacobabad ...	130 17	140 15	145 11	160 08	175 04	220 56	235 04	...	...	200 06	210 06	340 02	360 05	030 12	045 19	300 07	350 06	040 09	040 19	025 24	080 28	070 77	040 41	040 40	...	...
Jessore ...	100 30	115 29	125 29	...	125 33	...	...	...	...	130 15	140 15	145 16	145 20	140 23	130 22	122 22	125 22	130 24	125 18	125 21	130 26	...	...	...	...	...
Jhelum ...	115 12	125 09	131 6/	165 08	350 03	315 14	310 10		...		...	...	...	...	...	No	Ascent		...	...	...	...	...	...	...	...
Jiwani ...	200 10	280 15	280 20	315 16	325 13	025 14	035 09	105 04	150 13	155 05	145 04	...	...		...	105 2/	065 01	050 01	...	...	...	...	...	...	...	...
Karachi ...	255 17	265 17	285 09	...	055 01	...	...	...	...	...	...	...		...		325 16	325 19	020 29	...	...	...	...	...	...	...	...
Khanpur ...	200 09	180 10	180 11	140 10	220 07	060 06	/00 19	090 22	080 26	180 04	150 04	115 03	120 06	...	...			...	...	...	...	...	...	...	...	...
Lahore ...	125 08	145 07	145 07	110 03	355 05	...	...	...	...	...	...	...	...	...	...	135 05	140 00	145 13	150 21	...	...	...	...	...	...	...
Multan ...	125 07	135 08	130 09	140 09	110 09	...	...	...	...	...		...		...		145 10	140 57	130 08	085 15	075 18	080 24	070 20	...	...	...	...
Nawab Shah ...	103 09	090 03	045 07	060 19	035 23	...	...	...	...	185 06	110 05	025 09	050 19	070 14	100 15	144 02	106 04	035 07	050 20	050 26	045 32	...	...	...	...	...
Panjgar ...	...	...	...	...	...		...	...	...	...			...			...	...			...	...	...	...	...	...	...
Peshawar ...	...	135 05	150 08	190 13	200 9/	280 11	...	...	...	...	310 15	230 10	230 11	185 08	065 07	...	055 04	125 07	185 05	270 04	...	...	...	...	...	...
Quetta ...	...	...	...	...	310 08	300 07	030 09	030 19	255 22		...		...		...	...		...	...	070 07	175 04	122 2/	040 21	005 02	...	...
Sargodha ...	...	...	...	...	...	...	...	...	...	105 06	150 08	180 08	010 06	260 06	...	075 09	120 04	125 06	185 15	250 09	...	/18 05	...	...	...	...
Sylhet ...	095 06	100 18	120 20	140 17	...	...	...	...	...	240 09	235 09	240 01	105 12	115 09	...	325 04	350 05	055 04	120 09	120 10	...	...	...	...	...	...
Veraval ...	...	...	...		...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ..	055 32	285 25	285 25	065 15	030 27	003 3/	035 38	035 38	050 38	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

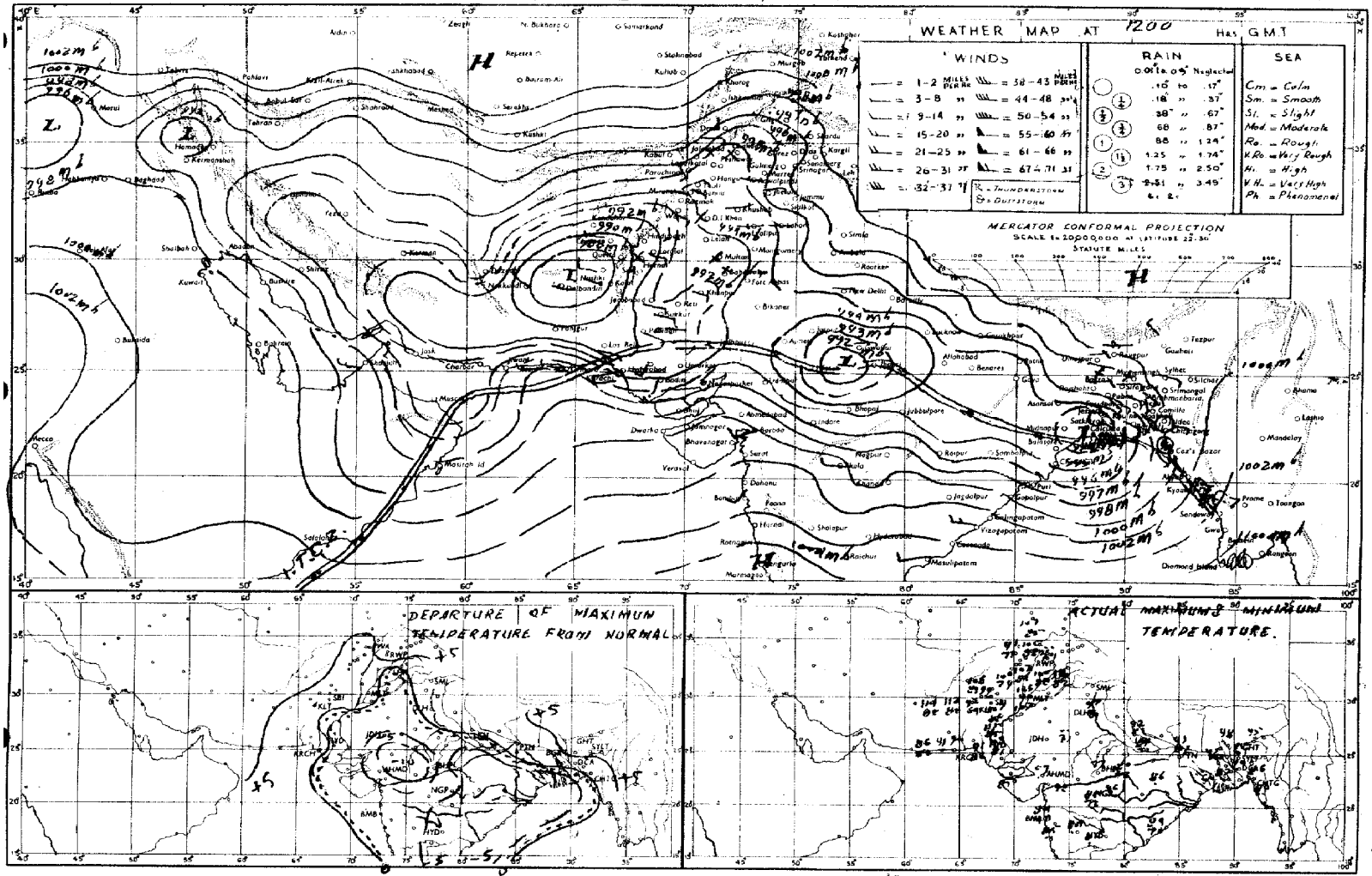
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

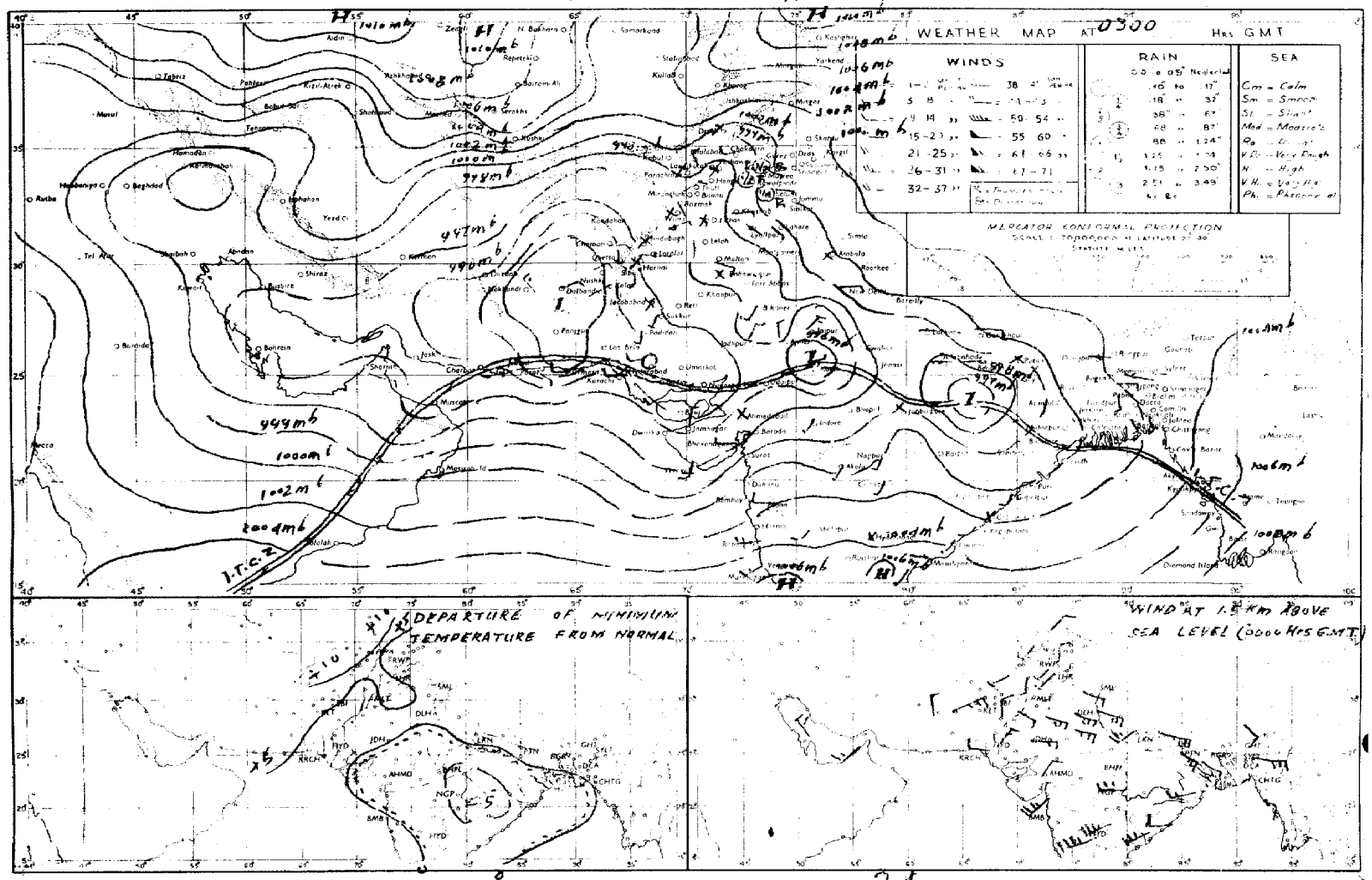
SUNDAY 20th JULY, 1969.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 21st JULY, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

TUESDAY THE 22nd JULY, 1969.

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

The well marked low pressure area over Chota Nagpur merged with the monsoon trough which extends from east Rajasthan to north Bay of Bengal. Rain/-thundershowers have been local in Khulna and scattered in Chittagong and Rajshahi divisions. The monsoon low now lies over Gujrat and adjoining areas. Under its influence moist easterlies continues to penetrate into the northern districts of West Pakistan. Rain/thundershowers have been fairly widespread in Rawalpindi division local in Karachi division and scattered in Quetta, Sargodha, Peshawar and Khairpur divisions.

Chief amounts of rainfall are : Lyallpur 2", Rawalpindi 3/4", Sylhet, Kakul, Fort Sandeman and Nawabshah ½" each, Jhelum, Islamabad, Quetta and Karachi ¼" each.

Day temperatures were 3—7 °F (2—4 °C) above normal in Chittagong, Dacca, Multan, Bahawalpur, Quetta, Hyderabad and Khairpur divisions and were to the same extent below normal in Rawalpindi and Sargodha divisions.

Forecast valid until the evening of 23rd July 1969 :—Local rain/thudershowers in East Pakistan, Lahore, Rawalpindi, Peshawar, Kashmir, scattered in Sargodha, Hyderabad, Khairpur and Karachi divisions.

Karachi-11
The 22nd July, 1969.

(ZARIF AHMED)
for Director, Meteorological Service.

OBSERVATIONS

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

DIVISIONS	STATIONS	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Winds speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths) °	Dry Bulb temperature °	Amount of Lowest Clud †	Low Clod from †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud from †	Dewpoint temperature °F	Maximum temperature °F
		RRR	Wc	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati ...	000	0	7	18	02	98	01	2	010	84	5	3	5	7	/	75	91
	Cox's Bazar ...	000	0	6	15	14	97	02	2	997	84	4	4	4	2	0	79	81
	Chittagong ...	000	0	5	13	06	96	02	2	994	83	4	4	4	3	0	75	90
	Maijdee Court ...	0 0	9	6	18	02	96	03	2	984	81	3	2	5	2	1	79	87
	Comilla ...	000	0	2	00	00	99	01	0	986	90	0	0	9	1	0	73	90
	Brahmanbaria ...	000	0	5	18	01	97	03	1	992	87	5	5	5	0	0	79	91
	Sylhet ...	000	0	6	00	00	96	02	2	985	90	3	9	5	3	1	79	94
	Srimangal ...	000	0	6	00	00	56	02	0	993	90	3	8	5	7	2	87	95
Dacca	Mymensingh ...	000	0	4	00	00	96	02	2	982	87	0	0	0	4	0	79	95
	Narayanganj ...	000	0	6	13	03	96	01	:	984	87	2	6	6	3	1	78	87
	Dacca (Tezgaon) ...	000	0	4	13	05	98	01	2	983	86	2	8	4	0	1	76	90
	Faridpur ...	030	0	4	16	02	97	02	2	993	84	3	5	6	1	0	79	87
Khulna	Barisal ...	004	2	7	13	09	97	21	5	985	82	5	8	4	7	1	79	86
	Khulna ...	000	0	0	00	00	97	00	0	989	81	0	0	0	0	0	94	82
	Satkhira ...	002	2	7	18	02	97	03	5	964	84	7	4	5	2	0	81	90
	Jessore ...	000	0	5	11	07	97	02	1	978	85	4	3	4	0	8	82	90
Rajshahi	Pabna ...																	
	Sirajganj ...	000	0	4	00	00	97	02	2	971	86	4	4	6	0	0	81	87
	Rajshahi ...	000	0	6	05	13	96	03	1	982	86	3	5	5	2	0	79	90
	Bogra ...	000	0	6	13	02	96	01	2	990	87	0	0	9	0	1	79	90
	Dinajpur ...	000	9	5	09	02	96	01	/	985	90	5	0	9	2	/	79	91
	Rangpur ...	000	0	3	00	00	96	01	1	952	85	3	0	9	1	0	76	//
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	8	31	03	96	02	2	971	87	3	5	6	7	0	78	96
	Sialkot ...																	
Rawal-pindi	Jhelum ...	///	/	8	09	02	97	21	9	989	80	5	5	1	2	/	78	//
	Islamabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi ...	000	8	8	13	02	98	02	9	992	82	8	4	7	0	0	78	82
	Campbellpur ...																	
Sargo-dha	Khushab ...	000	0	0	09	//	96	03	2	987	85	4	2	9	4	0	85	95
	Sargodha ...	000	7	7	09	09	97	22	9	979	82	4	9	6	2	0	77	93
	Lyallpur ...	192	5	5	36	02	96	02	9	969	80	5	9	7	0	0	73	96
Mul-tan	Sahiwal ...																	
	Multan ...	000	0	6	05	09	93	07	1	941	00	4	4	6	3	0	78	05
	Leiah ...																	
Baha-walpur	Khanpur ...	000	0	5	05	09	97	01	2	920	09	4	8	6	3	0	72	11
	Bahawalpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Abbas ...	/./	/	0	23	04	98	00	0	916	14	0	0	9	0	0	91	14
Pesha-war	Chakdra ...	000	0	5	23	02	92	05	4	953	93	5	0	9	1	0	82	93
	Peshawar ...	000	0	7	36	03	95	06	2	937	98	2	3	6	0	2	76	02
	Haripur ...	000	8	6	23	05	97	03	2	975	98	6	0	9	9	4	73	98
D. I.-Khan	Bannu ...	000	0	8	11	25	97	07	3	940	98	5	2	7	0	7	77	04
	D. I. Khan ...																	
Quetta	Sibi ...	000	0	4	18	03	97	03	1	9 8	08	4	2	9	4	0	69	09
	Nokkundi ...	000	0	2	31	05	96	03	0	882	11	0	0	9	0	2	55	13
Kalat	Turbat ...	000	0	0	27	02	96	00	0	985	07	0	0	9	0	0	72	97
	Jiwani ...	000	0	8	16	14	96	03	2	949	87	5	6	5	3	0	48	91
	Pasni ...	000	0	4	13	08	97	02	0	957	84	4	0	9	0	0	81	92
Karachi division	Ormara ...	000	0	6	25	09	96	02	2	957	84	6	6	6	0	0	83	88
	Lasbela ...																	
	Karachi (Manora) ...	020	9	6	20	77	97	03	5	930	86	4	5	5	5	0	79	87
	Karachi (Ariport) ...	024	9	3	27	12	96	01	6	925	89	1	5	6	0	1	81	89
Hydera-bad	Nagarparkar ...	000	0	0	05	02	96	02	0	960	89	8	6	6	0	0	89	92
	Chhor ...	000	0	5	09	07	96	02	2	910	00	3	5	6	0	0	78	//
	Hyderabad ...	000	0	4	05	03	97	03	1	910	03	2	5	6	3	0	77	03
	Badin ...	000	0	4	23	03	96	03	0	945	94	0	0	9	0	4	82	95
Khairpur	Padidan ...	003	3	6	23	03	96	95	9	912	92	4	9	6	2	0	83	08
	Nawabshah ...	052	3	5	31	04	96	02	9	914	90	5	5	6	2	0	82	09
	Sukkur ...	000	4	7	05	05	95	05	4	916	08	7	0	9	9	0	76	09
	Kashmore ...	000	0	0	05	02	98	02	0	935	06	0	0	9	0	0	75	08
	Jacobaba ...	000	0	3	36	07	96	01	1	927	96	2	0	9	1	1	79	11
unagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ..	010	9	7	27	01	96	02	6	412	70	7	5	2	0	0	67	70
Peshawar	Drosh * ..																	
	Cherat * ...	003	6	4	18	08	98	01	1	426	78	4	0	7	1	0	72	82
	Kakul * ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Landikotal * ...	000	0	0	05	05	98	02	0	///	00	0	0	9	0	0	73	00
	Prachinar * ...	000	0	4	13	07	96	05	0	422	87	4	8	0	0	0	67	90
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	414	00	0	0	9	0	0	58	02
	Wana * ...	003	8	4	33	08	98	05	0	437	91	0	0	9	0	4	86	96
Quetta	Fort Sandeman * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hindubagh * ...	000	0	2	03	//	95	03	0	367	99	0	2	5	0	0	59	00
	Loralai * ...	000	0	/	//	//	90	01	0	390	03	0	1	8	0	8	33	04
	Barkhan * ...																	
	Harnai * ...	000	0	8	00	00	96	03	2	396	03	0	0	8	7	0	67	04
	Samungli (Quetta) * ...	030	1	5	18	05	96	05	0	385	89	4	4	7	2	0	76	91
	Chaman * ...	000	0	0	27	05	97	00	0	381	06	0	0	9	0	0	61	07
	Nushki * ...	000	0	3	00	00	95	05	0	444	10	0	0	9	0	2	87	//
	Dalbandin * ...	000	0	2	05	02	90	10	/	388	11	2	0	9	2	0	56	12
Kalat	Kalat * ...	000	0	7	05	03	96	02	1	385	89	0	0	9	0	8	70	92
	Khuzdar * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Panjgur * ...																	

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

STATIONS	Rainfall in Cents	Past weather commenced at †	Total clud amount	Wind direction in tens of degrees	Wind speed in konts	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths) *	Dry Bulb temperature	Amounts 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, 1969 to-date	Rainfall: Departure from normal	Rainfall: Since 1st January, 1969 to-date	Rainfall: Annual Normal
	RRR	Wc	N	dd	ff	VV	ww	W	PPP	TT	h	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Rangamati	000	0	3	18	02	98	01	1	028	82	1	2	7	4	1	77	//	—	—	—	—	—	—
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4					140
Chittagong	000	0	6	13	12	96	02	2	015	86	1	1	5	0	2	75	77	+ 4	0	53.3	+16.6	66.5	108
Maijdee Court	000	9	6	18	02	97	3	2	013	84	4	2	5	2	0	77	81	+ 1	+ 3	—	—	—	115
Comilla	000	0	2	18	05	96	02	2	018	84	0	0	9	3	0	77	75	+ 3	— 2	50 6	+22.0	69.7	94
Brahmanbaria	000	0	0	00	00	97	03	/	018	86	2	5	5	0	7	//	82	—	—		—	—	78
Sylhet	038	9	5	00	00	97	01	9	021	86	3	5	4	8	1	81	82	—	—	52.3	—	90.6	—
Srimangal	010	9	6	00	00	96	02	9	026	84	3	9	5	7	2	77	81	+ 4	+ 5	31.1	+ 2.2	52.5	98
Mymensingh	000	0	7	13	02	//	//	/	025	82	7	5	4	0	0	64	81	+ 7	+ 3	—	—	—	91
Narayanganj	000	0	8	13	02	97	03	2	011	83	8	6	3	/	/	77	81	— 1	+ 2	22.0	+ 0.4	45 5	74
Dacca (Tezgaon)	000	0	8	13	05	97	02	2	013	83	6	7	3	2	/	77	81	—	—	19.6	—	30 7	—
Faridpur	003	0	8	11	07	97	60	2	002	84	5	4	5	1	0	81	79	— 1	0	18.6	— 2.6	32.2	71
Barisal	015	3	6	13	02	97	02	2	009	84	4	3	5	0	2	81	79	— 1	0	27 6	+ 6.4	37.6	81
Khulna	000	0	4	00	00	92	03	0	///	87	2	2	4	0	0	84	79	— 6	+ 1	15.9	— 7.0	22 0	68
Satkhira	012	0	6	00	00	97	02	/	005	84	6	4	5	2	0	79	81	+ 2	+ 3	14.8	— 7.2	19.9	65
Jessore	001	0	7	18	05	92	21	2	006	81	7	6	2	2	0	79	79	—	—	19.8	— 0.4	28.2	65
Pabna																							59
Sirajganj	000	0	4	07	02	98	02	2	982	//	4	2	6	0	0	79	80	— 1	+ 1	19.1	— 1.3	25.7	64
Rajshahi	010	3	6	09	03	95	03	6	008	82	6	5	5	/		81	79	+ 1	+ 1	24.1	+ 5.0	38.1	—
Bogra	000	0	8	09	05	96	02	2	008	84	4	4	4	3	8	79	81	+ 1	+ 2	16.8	— 5.4	27.8	69
Dinajpur	000	2	4	03	02	96	01	/	014	87	4	0	9	2	1	79	81	+ 1	+ 2	36.2	+11.2	59.2	72
Rangpur	000	0	4	09	02	96	03	0	013	90	4	0	9	1	0	82	81	+ 10	+ 2	39.5	— 9.5	58.1	84
Jammu																							—
Lahore (Jail Rd.)	000	0	5	13	02	96	03	0	997	90	0	0	9	3	0	69	81	— 3	+ 2	0.7	— 4.7	5.3	19
Sialkot																							32
Jhelum	025	3	7	07	00	97	02	/	115	84	5	3	6	7	0	79	79	/	—	—	—	—	—
Islamabad	018	7	8	00	00	97	03	6	///	82	1	3	4	6	3	62	80	—	—	—	—	—	—
Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 15					36
Campbellpur																							—
Khushab	000	0	7	09	//	97	03	5	993	//	5	8	8	0	0	81	81	— 7	— 1	0.1	— 3.8	3.5	15
Sargodha	000	1	8	09	03	96	02	6	008	82	7	9	5	2	/	79	81	—	—	2.1	—	5.7	—
Lyallpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 5	— 5				12
Sahiwal																							10
Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					7
Leiah																							8
Khanpur	...																	+ 7					6
Bahawalpur	000	0	1	00	00	95	00	0	983	55	0	0	9	0	0	75	87		+ 4	—	—	—	6
Fort Abbas	///	/	0	05	02	98	00	0	972	95	0	0	9	0	0	81	75	—	—	—	—	—	8
Chakdra	000	0	6	27	02	95	02	2	982	81	6	0	9	7	0	79	79	—	—	1.4	—	10.8	—
Peshawar	000	0	8	36	03	97	02	2	000	84	4	5	6	2	/	75	82	+ 1	+ 2	—	—	—	11
Haripur	000	4	8	03	01	97	03	5	006	82	8	5	6	0	0	77	81	—	—	—	—	—	—
Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						11
D. I. Khan																							9
Sibi	000	0	2	18	03	97	03	1	963	95	0	2	9	2	0	56	93	—	—	0.0	—	0.0	5
Nokkundi	000	0	2	05	00	96	03	0	929	95	2	0	9	3	0	55	83	—	—	0.0	—	0.3	2
Turbat	000	0	0	23	02	96	00	0	851	87	0	0	9	0	0	79	31	—	—	0.0	—	0.2	—
Jiwani	000	0	8	00	00	96	03	2	964	84	3	0	7	5	7	78	83	—	—	0.0	—	2.0	5
Pasni	000	0	3	31	06	97	02	0	968	84	3	0	9	0	0	81	79	+ 2	+ 1	0.0	— 0.6	0 0	6
Ormara	000	0	5	27	10	96	06	0	960	85	3	0	9	3	0	81	//	—	—	0.0	— 0.5	0.6	6
Lasbela																							8
Karachi (Manora)	000	0	3	27	05	96	01	1	952	83	3	5	5	0	0	80	79	+ 1	— 2	0.1	— 2.7	0.2	8
Karachi (Ariport)	025	9	3	31	02	96	01	9	951	84	3	0	9	3	0	78	80	—	—	0.4	—	0.4	—
Nagarparkar	000	0	8	18	02	96	02	0	989	83	8	6	6	0	0	81	//	—	/	0.1	—	0.1	—
Chhor	...	...	...	...	...	...	...			...	...	...		...	...	...	...	—					7
Hyderabad	000	0	2	36	03	97	02	0	953	90	1	0	9	3	1	80	84	+ 5	+ 3	0.1	— 2.3	0.2	9
Badin	000	0	2	00	00	96	03	0	961	86	0	0	9	0	2	79	82	+ 2	+ 1	0.0	— 3.2	0.0	—
Padidan	003	9	0	18	02	96	02	9	963	93	0	0	9	0	0	81	//	—	/	0.0	—	0.0	—
Nawabshah	052	1	2	00	00	96	03	0	961	90	0	0	9	0	2	82	83	—	—	0.6	—	0.6	4
Sukkur	000	0	0	13	03	96	02	0	960	95	0	0	9	0	0	77	91	—	—	0.0	—	0.0	—
Kashmore	000	0	0	05	02	95	05	0	970	91	/	/	/	/	/	75	90	—	—	0.0	—	0.0	4
Jacobaba	000	0	5	05	12	96	05	1	965	97	3	0	9	2	2	77	97	—	+ 13	0.0	— 1.0	0.3	20
Veraval																							26
HILL STATIONS																							
Srinagar																							—
Gulmarg																							71
Sonamarg																							26
Dras																							3
Leh																							6
Skardu																							—
Misgar																							—
Aliabad																							5
Gilgit																							59
Murree	050	2	9	13	05	90	95	6	456	64	9	/	0	/	/	62	64	— 3	+ 6	4.3	— 8.0	23.0	18
Drosh																							29
Cherat	000	0	7	18	01	96	02	1	450	72	/	5	4	0	0	71	//	— 7	—	0.4	— 3.7	9.7	—
Kakul	060	0	8	13	02	94	60	2	449	72	2	8	3	/	/	71	69		—	—	—	—	—
Landikotal	000	0	0	30	15	98	02	0	430	84	0	0	9	0	0	53	77	—	—	0 0	—	10.5	29
Prachinar	000	0	8	17	02	96	05	2	453	73	4	7	6	2	0	68	69	+ 4	+ 3	17.6	—	24.2	13
Miranshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				11
Wana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				11
Fort Sandeman	060	9	7	05	02	95	05	9	428	79	4	4	7	3	0	70	70		— 4	0.8	— 1.2	5.1	—
Hindubagh	000	0	0	27	03	97	04	0	422	76	0	0	9	0	0	53	64	—	—	0.0	—	3.3	9
Loralai	000	0	0	13	02	98	00	0	490	80	0	0	9	0	0	45	//	—	/	0.0	—	0.0	—
Barkhan																							14
Harnai	000	0	8	00	00	96	03	2	406	88	0	0	7	0	9	74	66	—	—	0.5	— 2.0	2.3	9
Samungli (Quetta)	030	9	0	18	09	95	05	0	424	80	0	0	9	0	0	73	74	—	—	0 3	— 0.1	29.2	8
Chaman	000	0	0	13	05	//	00	0	405	90	0	0	9	0	0	63	86	+ 6	+ 11	0.0	— 0.1	2.7	—
Nushki	000	0	0	09	05	97	02	0	451	92	0	0	9	0	0	71	89	/	—	0.0	—	2.2	4
Dalbandin	000	0	2	33	05	96	01	0	418	95	0	0	9	2	0	55	90	+ 3	+ 14	0.0	— 0.0	0 5	7
Kalat	000	0	3	05	02	97	02	1	422	74	0	0	9	0	4	67	68	+ 1	+ 6	0.0	— 0.6	1.3	—
Khuzdar	000	0	0	50	30	95	00	5	412	86	4	5	6	0	0	65	93		—	0.6	—	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 ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 22nd JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_gt	8$N_sCh_sh_s$	$OT_sT_sT_dT_d$	1$T_wT_wT_{wc}T$	3$P_wP_wH_wH_wH_wd_wd_wP_wH_wH_w$	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Riyomarao	99 2 11	10 6 21	21 1 84	83 1 29	96 0 02	00 0 25	97 3 00		73 8 15		05 7 23	12 9 05	30 3 03	26 6 05
														...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	908 258 07	...	400 161 00	073 094 13	579 051 32	751 035 56	962 255 56		...	...	...	...	...
Dacca ...	00 00	999 280 14	...	380 174 20	061 114 24	80/ 047 24	754 1/4 25	56/ 285 33	246 499 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	992 290 40	...	220 202 / /	08/ 080 / /	522 011 / /	...	959 075 / /	240 425 / /	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	960 290 50	...	400 274 24	101 710 10	533 083 / /	772 049 / /	994 165 / /	290 785 / /					
Quetta ...	00 00	814 248 58	...		058 192 6/	583 030 / /	766 05/ / /	553 30 79	237 613 / /	...	...	...	...	...
Sargodha ...	00 00	987 274 50	...	500 190 56	144 225 / /	586 035 / /	760 105 / /	976 225 / /	268 355 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.								Max. Wind Speed	TROPOPAUSE	
		PPP TT T_a DD								PmPmPm dmdm fmfmfm	$P_tP_tP_tT_tT_tT_{td}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 210 00	800 146 06	600 028 26	340 215 41	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 196 09	800 154 22	...	350 201 26	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date(dd fff)						At 0600 hrs. G.M.T. † of Previous day (dd fff)								
	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	3.4	5.4	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	120 11	130 10	130 19		135 17	...	...	...	...	105 15	125 15	120 14	...	120 17	...	120 18	120 21	120 26								
Chakla'a ...		150 08	115 12	095 10	090 06	...	...	...	...		100 05	110 06	095 11	...	...	...	115 10	120 13	125 11	145 13	...	...	...	...	...	...
Chhor ...	080 29	075 17	050 13	...	020 10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	135 15	135 19	130 20	130 25	130 / /	130 31	130 27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	145 18	145 21	155 20	165 10	170 15	...	...	...	...	...	...	...	...	...	...	115 14	105 14	110 15	085 23	050 27	...	...	...	...	...	...
Dacca ...	140 05	140 29	140 20	140 20	145 25	140 36	135 46	130 45	130 45	115 19	125 13	101 2/	...	130 18	...	135 16	140 17	145 16	140 19	140 20	...	...	...	...	...	...
Dalbandin ...			070 01	045 07	050 06	040 06	026 07	050 23	010 27			160 06	170 13	175 1/	200 24			165 05	165 10	175 08	340 07	075 21	080 35	095 21	...	...
D. I. Khan ...	095 13	080 13	060 / /	005 08	...	...	...	...	...	...	...	...	...	...	...	115 06	165 03	...	180 07	—	...	...	...	...	...	...
Drosh ...	...	...	...	215 21	215 23	215 16	180 06	085 07	005 10	...	...	...	240 04	215 05	200 11	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	210 02	090 06	100 04	005 06	...	...	...	...	...	270 04	295 05	295 02	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	030 21	065 12	070 13	085 23	075 23	090 30	...	...	...	115 13	140 12	135 1/	100 10	065 14	051 9/	100 19	065 12	075 15	075 20	040 23	040 35	050 35	055 34	055 34	...	...
Jessore ...	120 19	130 18	...	130 19	140 10	...	...	...	...	110 09	165 18	105 08	...	...	...	145 04	150 06	016 00	...	...	...	...	...	...	...	...
Jhelum ...	120 07	110 18	105 19	075 09	050 00	...	...	...	...				...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Jiwani ...	305 30	295 17	...	...	...	...	...	...	...	190 25	...	...	...	...	...	175 04	230 03	...	...	...	...	...	...	...	...	...
Karachi ...	315 10	360 12	050 11	...	...	...	...	...	...		...	...	...	...	...	055 08	075 14	070 15	070 21	070 37	055 33	065 34	070 35	065 30	...	...
Khanpur ...	155 65	161 / /	061 8/	091 20	105 10	095 15	030 23	345 10	...	035 03	030 50	020 03	020 05	...	...	345 12	345 11	355 08	355 05	355 07	360 10	203 00	030 24	030 27	...	...
Lahore ...	045 13	040 15	007 14	170 05	170 09	...	...	...	...	120 10	145 18	145 19	135 09	060 07	035 07	145 06	155 09	155 11	155 14	130 11	090 07	...	...	...	...	...
Multan ...	085 15	075 08	080 14	065 14	...	...	...	...	...	045 12	125 17	150 17	140 04	160 05		070 08	085 08	095 08	050 11	050 1/	060 01	...	...	...	...	...
Nawab Shah ...	01/ 08	025 13	015 15	...	...	...	...	...	...	105 03	060 03	030 05	075 34	060 6/	035 36	030 05	050 11	065 10	065 28	065 31	065 25	065 29	070 27	050 32	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	065 09	155 03	145 10	200 12	240 19	...	...	...	...	355 11	040 09	210 10	225 09	280 01	...	010 07	340 03	230 06	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	205 03	205 04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	080 07	105 15	100 12	030 07	045 17	055 12	050 23	...	...	080 10	140 17	145 15	145 03	195 01	...	045 10	115 08	180 08	160 8/	180 02	050 09	040 19	070 14	055 18	...	...
Sylhet ...	295 10	250 09	225 08	155 03	130 90	...	...	...	...	055 10	050 05	180 07	160 10	105 02	...	210 01	215 01	095 03	095 08	120 02	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	290 23	290 29	065 19	053 24	050 33	065 35	055 25	075 29	070 33	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

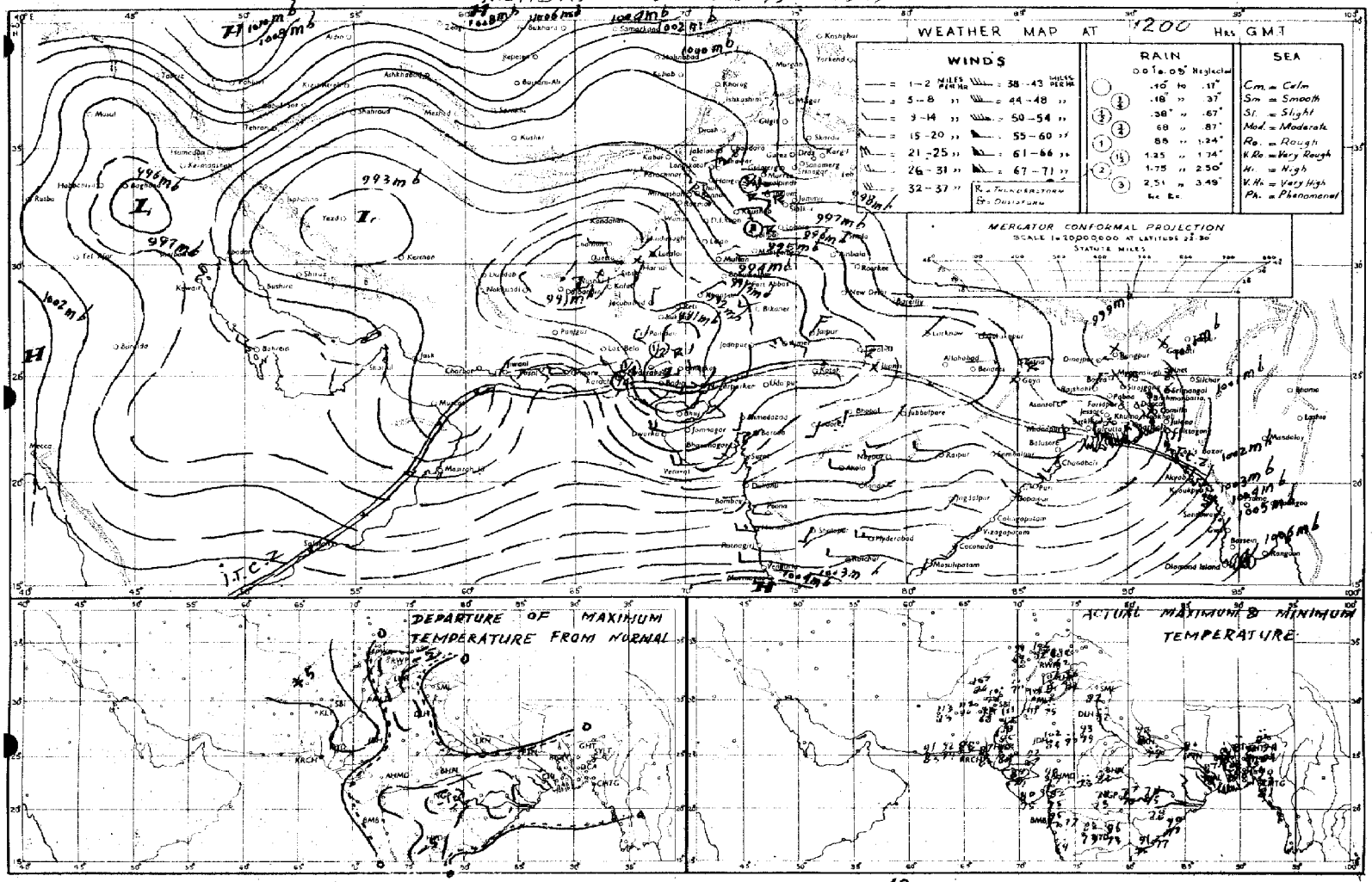
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port KARACHI—11

PAKISTAN DAILY WEATHER MAP

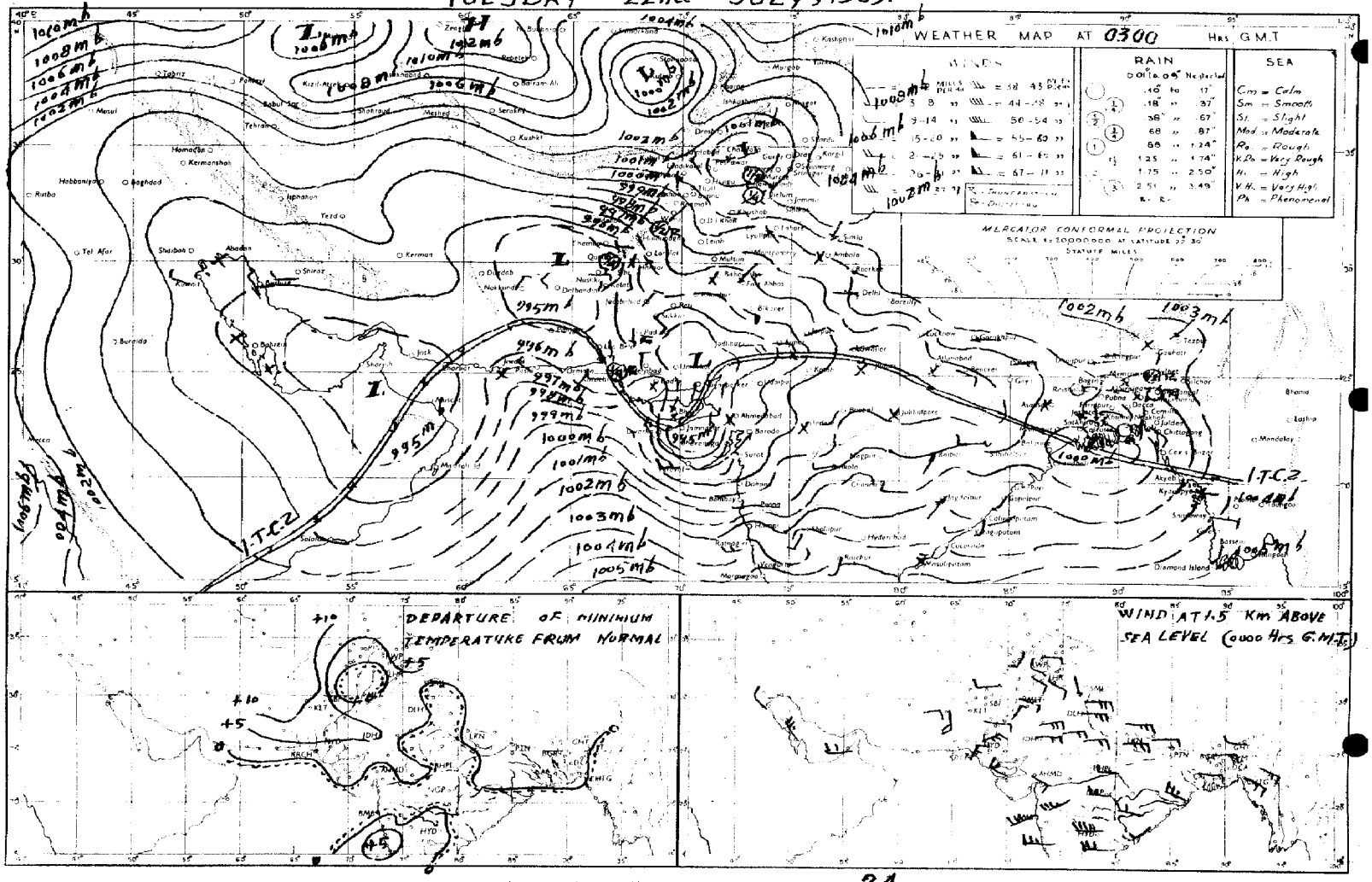
MONDAY 21st JULY, 1969



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 22nd JULY, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY THE 23rd JULY, 1969.

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

The Monsoon trough extends from Lahore division to north Bay of Bengal. Rain/thundershowers have been widespread in Khulna division, fairly widespread in Chittagong and Dacca divisions and local in Rajshahi division. The Monsoon low now lies to the south of Karachi in North Arabian sea and is likely to fill up by tomorrow. Rain/thundershowers have been local in Rawalpindi, Peshawar, Sargodha, Quetta, Kalat and Khairpur divisions and scattered in Karachi and Hyderabad divisions.

Chief amounts of rainfall are : Maijdee Court, Sirimangal and Kakul 4" each, Jhelum 3", Khulna 1¾", Sylhet, Faridpur and Karachi 1" each, Satkhira, Jessore, Parachinar, Khuzdar, Ormara and Padidan 3/4" each, Rangamati, Cox's Bazar, Pabna, Landikotal and Nawabshah ½" each, Mymensingh, Dacca, Barisal Sirajganj, Khushab, Loralai, Sibi, Harnai and Badin ¼" each.

Day temperatures were 3—7 °F (2—4 °C) above normal in Chittagong, Khulna, Bahawalpur, Kalat and Hyderabad divisions and 7—13 °F (4—7 °C) below normal in Rawalpindi, Sargodha Peshawar and Quetta divisions and were 5 degrees °F (3 °C) below normal in D. I. Khan division and were Practically normal elsewhere the country.

Forecast valid until the evening of 24th July 1969 :—Fairly widespread rain/thudershowers likely in east Pakistan and local in Lahore, Rawalpindi, Sargodha, Peshawar and scattered in Quetta, Karachi and Hyderabad divisions.

Karachi-11
The 23rd July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 °F	Amount of Lowest Cloud †	Low Cloud from †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud from †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °F	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	h	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	047	2	9	18	02	94	95	9	019	79	3	1	3	1	1	77	92	057	9	4	18	05	96	01	6	061	85	2	4	6	7	1	77	79	—	—	—	—	—	140
	Cox's Bazar	003	0	7	13	12	96	02	2	001	83	5	3	4	3	0	79	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2	—	—	—	—	—
	Chittagong	001	5	8	16	01	96	02	6	004	80	4	8	4	2	0	77	...	002	9	7	13	10	96	02	6	046	85	3	5	4	0	2	77	...	...	...	...	...	...
	Maijdee Court	000	0	7	18	02	96	03	2	993	85	4	5	4	2	0	77	90	430	9	6	18	02	97	71	0	032	79	4	2	5	2	0	77	78	+ 4	—	53.4	+15.7	66.5	108
	Comilla	000	0	6	18	01	96	02	2	994	86	6	4	5	5	0	77	90	000	0	4	18	05	96	02	6	046	85	4	4	5	2	0	77	78	+ 4	0	—	—	—	115
	Brahmanbaria	000	0	6	18	01	97	03	1	998	87	3	5	5	2	0	77	91	000	0	6	13	07	97	03	2	047	80	6	5	5	0	0	77	78	+ 3	1	50.6	+21.4	69.8	94
	Sylhet	000	0	7	27	03	97	03	2	999	87	4	3	5	4	0	83	94	106	9	7	85	03	97	02	2	051	83	5	5	4	2	1	78	75	—	—	—	—	—	78
	Srimangal	073	9	8	00	00	95	95	9	009	79	6	9	3	3	1	77	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3	—	53.7	—	91.7	—
Dacca	Mymensingh	003	0	6	00	00	96	02	2	003	87	6	5	5	0	0	79	91	028	1	6	00	00	97	02	6	055	83	6	5	5	0	0	78	79	+ 3	+ 2	—	—	—	98
	Narayanganj	000	0	8	13	06	96	02	2	991	87	4	8	6	3	1	79	87	013	0	8	13	04	97	02	2	044	85	7	8	6	3	1	79	79	— 1	0	22.2	+ 0.1	45.6	91
	Dacca (Tejgaon)	000	0	7	13	05	97	01	2	992	86	4	8	4	2	1	79	90	023	0	6	8	13	02	97	02	6	044	81	7	8	4	2	1	79	79	—	—	19.8	—	21.0	74
	Faridpur	000	0	7	11	02	97	02	2	967	85	5	5	4	1	0	79	87	101	3	8	16	02	97	02	6	026	82	5	4	5	1	0	79	77	— 1	— 2	19.6	— 2.0	33.2	71
Khulna	Barisal	000	0	7	13	07	96	02	2	993	85	4	6	5	2	0	79	87	029	9	8	00	00	97	02	2	037	87	5	4	4	2	0	79	79	— 0	0	27 8	+ 0.8	38.0	81
	Khulna	105	0	6	00	00	97	03	0	990	87	4	2	4	0	0	82	91	155	9	6	00	00	97	03	0	003	85	2	4	4	2	0	79	79	+ 3	+ 1	12.5	—10.0	23.0	68
	Satkhira	065	1	8	27	03	97	60	5	998	80	8	7	5	0	0	79	95	082	0	6	13	02	97	02	1	928	81	6	4	5	2	0	79	79	+ 7	+ 1	14.6	— 6.7	20.8	65
	Jessore	017	5	9	//	//	97	02	6	983	87	7	6	3	0	0	79	87	074	5	7	13	05	97	02	9	027	79	3	6	3	3	7	0	79	72	—	—	20.6	— 0.1	27.0	65
Rajshahi	Pabna	000	0	5	13	05	99	01	2	974	87	5	8	6	0	0	86	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	59
	Sirajgan	000	0	4	18	03	97	02	2	987	86	4	8	4	0	0	80	87	021	9	8	13	02	97	02	2	038	82	8	0	7	1	0	79	//	+ 1	+	19.3	— 1.4	26.0	64
	Rajshahi	011	9	7	13	03	95	03	6	988	85	7	9	5	/	/	//	90	011	9	6	05	05	95	03	1	028	82	6	7	5	/	/	79	80	+ 1	+ 2	24.2	+ 4.1	38.2	
	Bogra	000	0	5	09	03	96	01	2	984	87	1	2	6	0	0	80	90	000	9	7	09	03	96	02	2	034	82	5	4	5	3	0	79	80	+ 1	— 1	16.8	— 4.8	27.8	69
	Dinajpur	000	0	3	09	02	96	01	1	980	90	2	0	9	2	1	81	91	000	3	4	03	02	96	01	1	033	86	4	0	9	2	1	79	80	+ 1	+ 1	36.2	+19.8	59.2	72
	Rangpur	003	4	3	00	00	96	01	5	956	85	7	7	6	1	0	75	//	003	0	6	07	05	96	01	2	014	87	6	0	9	2	0	78	81	+ 10	+ 2	39.5	+ 9.1	58.2	84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Lahore	Lahore (Jail Rd.)	000	0	7	05	03	96	03	2	951	98	5	3	6	7	0	75	00	000	0	5	03	02	96	03	1	994	90	3	4	6	3	0	78	85	+ 1	+ 6	0.7	— 4.9	5.3	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	9	20	01	91	00	0	010	80	0	0	0	0	0	60	70	—	— 9	—	—	—	32
Rawal-pindi	Jhelum	286	3	6	31	02	93	10	2	970	87	2	5	7	7	1	79	87	286	9	3	09	03	98	01	1	003	83	3	3	6	1	0	78	79	—	—	—	—	—	—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	7	00	00	97	03	0	///	85	7	8	5	3	0	72	80	—	—	—	—	—	—
	Rawalpindi	000	0	4	18	02	99	02	2	974	87	0	0	9	0	4	77	90	000	2	7	09	02	99	02	5	997	83	4	5	6	3	0	77	80	— 7	+ 3	—	—	—	—
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	36
Sargo-dha	Khushab	000	0	0	36	//	97	00	0	971	91	0	3	9	0	0	87	91	000	0	4	09	//	96	02	2	998	87	0	0	9	4	0	82	82	— 11	0	0.1	— 4.0	3.5	15
	Sargodha	025	8	6	09	07	97	01	9	967	94	1	3	6	3	0	79	94	025	2	1	07	07	97	61	1	990	87	1	1	6	3	0	79	82	—	—	2.3	—	6.0	—
	Lyallpur	000	0	0	03	00	96	00	0	957	87	0	0	3	0	0	66	91	000	0	0	00	00	97	96	00	993	90	0	0	9	0	0	80	82	— 10	0	—	—	—	12
Mul-tan	Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Multan	000	0	4	05	05	97	01	2	946	98	2	2	6	0	4	80	00	000	0	4	00	00	97	01	1	980	94	2	0	9	3	2	79	82	— 2	+ 2	—	—	—	10
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
Bahawalpur	Khanpur	000	0	3	00	00	95	00	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
	Bahawalpur	...	...	...	...	...	...	...	...	932	05	0	0	9	0	1	59	08	000	0	0	00	00	95	00	0	983	94	0	0	9	0	0	73	87	+ 6	+ 4	—	—	—	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
Pesha-war	Chakdra	000	0	3	23	02	96	03	1	945	90	3	0	9	3	0	82	90	000	0	6	00	00	98	01	2	981	80	6	0	9	6	0	75	77	—	—	1.4	—	10.8	—
	Peshawar	000	0	7	36	03	97	01	1	960	90	3	8	6	3	0	75	90	000	0	7	05	03	97	01	2	986	85	5	6	4	7	0	77	80	+ 4	— 1	—	—	—	11
	Haripur	000	7	0	13	05	97	02	2	950	00	6	4	9	0	0	77	00	000	8	0	31	02	97	63	2	594	86	5	5	6	0	0	75	//	—	0	—	—	—	—
D. I. Khan	Bannu	000	0	8	11	02	97	04	2	947	96	2	2	7	7	0	75	98	000	0	6	05	02	98	02	1	994	87	0	0	9	6	3	77	86	—	—	—	—	—	11
	D. I. Khan	000	0	0	00	00	98	00	0	951	96	2	0	2	9	0	79	98	000	0	0	00	00	98	00	0	974	90	0	0	9	0	0	79	82	— 5	— 1	—	—	—	9
Quetta	Sibi	000	0	8	50	25	94	07	1	931	07	6	9	2	6	2	58	98	020	0	4	31	03	97	03	1	975	88	4	0	9	2	2	52	83	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	23	03	96	02	0	846	14	0	0	9	2	0	58	15	000	0	7	09	05	96	03	2	957	88	7	5	6	0	0	67	83	—	—	0.0	—	0.3	2
Kalat	Turbat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Jiwani	000	0	0	23	15	96	02	1	941	83	0	0	0	0	0	72	93	002	0	7	23	07	96	03	2	986	82	4	6	5	0	0	75	81	—	—	0.0	—	2.1	5
	pasni	000	0	0	25	34	97	00	/	940	87	0	0	0	0	0	82	94	000	0	3	31	06	96	C0	5	983	81	0	3	9	0	0	80	79	+ 4	+ 1	0.0	— 0.6	0.0	6
Karachi division	Ormara	000	0	7	27	23	96	06	6	940	85	7	7	5	3	0	84	89	069	0	5	29	03	96	82	2	980	83	5	6	6	0	0	82	//	—	/	0.7	+ 0.1	1.3	6
	Lasbela	///	0	8	13	12	97	00	0	912	91	0	0	8	0	0	77	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
	Karachi (Manora)	076	2	7	00	00	96	53	6	935	87	5	6	4	2	1	78	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
	Karachi (Ariport)	115	2	8	09	02	96	02	9	904	81	3	6	5	2	/	80	02	115	9	5	09	07	96	01	9	965	86	3	0	9	2	1	77	67	+ 1	—	1.5	—	1.5	—
Hydera-bad	Nagarparkar	000	0	0	05	02	//	//	1	999	//	6	3	6	7	0	93	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
	Chhor	006	0	5	00	00	96	01	6	916	96	3	8	5	6	0	81	02	016	8	4	13	03	96	03	0	970	86	4	3	6	3	0	78	82	—	—	—	—	—	7
	Hyderabad	006	0	4	09	05	97	01	6	927	92	3	0	8	3	0	78	01	006	9	4	05	03	97	03	6	974	89	3	4	6	3	0	81	84	+ 3	+ 3	0.2	— 2.4	0.3	9
	Badin	151	0	4	20	04	96	03	0	950	84	0	0	9	1	0	83	97	003	0	9	20	03	96	03	0	977	82	0	0	9	0	8	79	81	+ 4	—	—	—	—	—
Khairpur	Padidan	002	3	6	05	07	96	17	9	915	09	4	4	7	7	0	77	08	077	9	2	18	02	97	02	9	977	86	2	0	9	3	0	79	79	—	—	0.8	—	0.8	—
	Nawabshah	004	3	5	09	19	95	95	9	943	91	4	7	5	2	0	80	05	043	9	3	00	00	96	03	0	980	87	3	0	9	3	0	80	79	—	/	1.0	—	1.1	4
	Sukkur	003	4	7	11	05	96	03	2	912	06	7	0	9	0	0	75	07	000	9	4	13	05	96	03	2	969	85	7	0	9	3	0	81	84	—	—	0.0	—	0.0	—
	Kashmore	003	0	0	05	12	95	03	2	926	05	0	0	9	0	0	75	07	000	9	4	05	02	98	02	1	987	93	0	0	9	0	4	75	92	—	—	0.0	—	0.0	4
	Jacobaba	000	0	3	36	03	96	05	0	919	01	0	2	0	0	0	80	09	017	9	8	09	02	96	03	9	970	91	4	7	6	0	0	81	82	+ 2	— 2	0.2	— 0.8	0.5	20
unagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26
	HILL STATIONS																																								
Kashmir	Srinagar *	...																																							—
	Gulmarg **	...																																							71
	Sonamarg **	...																																							26
	Dras **	...																																							3
	Leh **	...																																							6
	Skardu *	...																																							—
	Misgar **	...																																							—
	Allabad *	...																																							5
	Gilgit *	...																																							59
Rawalpindi	Murree *	...	010	9	8	00	00	95	03	9	426	46	8	5	2	/	/	66	68	012	2	5	00	00	91	02	6	447	66	5	5	2	0	0	64	62	— 5	+ 4	4.4	— 8.4	23.1	18
Peshawar	Drosh *	...																																								29
	Chenat *	...	003	3	8	18	02	92	50	5	415	73	8	6	1	0	0	73	76	003	0	4	18	02	97	01	1	444	73	4	0	7	1	0	73	//	— 13	/	0.5	— 3.7	9.8	—
	Kakul *	...	375	6	6	31	05	99	01	9	429	82	5	7	3	0	72	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Landikotal *	...	000	0	4	31	05	98	01	2	411	85	4	7	6	/	0	75	90	062	3	8	31	05	94	61	6	441	76	8	7	6	/	/	73	73	—	—	—	—	—	29
	Prachinar *	...	030	0	3	16	05	96	05	0	415	85	2	2	6	0	1	66	87	000	0	4	10	02	97	01	2	441	76	4	5	6	1	0	70	72	+ 1	+ 6	18.4	—	25.0	13
D.I. Khan	Miranshah *	...	000	0	4	05	05	97	02	0	443	00	4	0	9	0	0	68	04	000	0	0	05	00	99	00	0	416	86	0	0	9	0	0	79	86	—	—	—	—	—	11
	Wana *	...	000	8	0	13	08	99	00	0	429	87	0	0	9	0	0	80	96	000	0	0	00	00	99	00	0	458	83	0	0	9	0	0	79	79	—	—	—	—	—	11
Quetta	Fort Sandeman *	...	001	8	6	09	14	50	10	9	406	85	4	9	7	3	0	43	90	006	9	5	00	00	97	03	9	429	78	4	4	7	3	0	71	72	— 7	— 2	1.0	— 0.2	5.2	—
	Hindubagh *	...	000	0	8	23	03	95	03	0	305	97	8	2	5	0	0	56	98	000	0	0	23	02	97	02	0	422	78	0	0	1	0	0	52	64	—	—	0.0	—	3.3	9
	Loralai *	...	000	0	8	20	72	//	01	0	390	95	0	1	5	0	8	55	00	000	0	4	27	02	98	01	0	335	75	0	0	8	0	4	65	58	—	—	0.3	—	0.3	—
	Barkhan *	...																																							14
	Harnai *	...	035	3	7	00	00	96	03	6	371	83	0	6	7	0	0	68	00	035	0	7	00	00	96	03	2	408	83	0	0	8	0	6	72	//	—	—	0.8	— 1.7	2.6	9
	Samungli (Quetta) *	...																																							8
	Chaman *	...	000	0	0	27	11	97	00	0	364	04	0	0	9	0	0	41	06	000	0	0	00	36	05	97	00	0	410	88	0	0	9	0	0	64	84	+ 5	+ 9	0.0	— 0.1	2.7	—
	Nushki *	...	000	0	5	27	07	95	07	0	453	10	0	0	9	0	2	87	12	000	0	9	05	05	97	02	5	410	90	0	0	9	0	4	68	80	— /	—	0.0	—	2.2	4
	Dalbandin *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	5	4	13	03	96	01	5	414	91	2	0	9	0	4	63	79	—	+ 3	0.0	— 0.1	0.5	7
Kalat	Kalat *	...	000	0	5	05	03	96	02	0	367	86	0	0	9	0	4	68	91	015	9	7	05	02	95	05	1	412	72	0	0	9	8	0	66	66	0	+ 4	0.2	— 0.5	1.5	—
	Khuzdar *	...	000	0	0	13	09	96	02	1	373	96	5	0	5	6	0	0	59	072	4	7	00	00	96	03	9	406	77	2	5	6	4	0	70	71	—	—	1.3	—	1.6	5
	Panigur	...																																							—

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 23rd JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_gt	$8N_sCh_sh_s$	$OT_aT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Biyomaree	99 2 11	10 6 21	21 1 84	83 1 29	96 0 02	00 0 25	97 3 00		73 8 15		05 7 23	12 9 05		

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTaDD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	001 250 15	...	415 274 2/	089 084 53	599 015 0/	750 157 57	15/ 083 18	257 539 //	...	...	...	...	...
Dacca ...	00 00	002 274 21	...	400 174 8/	081 110 5/	581 201 59	751 135 60	980 2/1 63	249 5// 05	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	992 282 16	...	400 / 10 27	044 160 20	576 065 //	746 215 //	954 315 //	235 431 //	...	...	...	...	...
Multan ...	00 00	98/ 308 7/	...	400 254 50	071 126 36	579 091 //	747 245 //	...	...	...	...	...	...	...
Peshawar ...	00 00	960 297 /5	...	500 266 11	115 198 20	590 585 8/	771 057 68	991 25. //	279 425 //	...	...	...	...	...
Quetta ...	00 00	981 333 58	...	...	068 166 21	575 120 7/	724 977 //	...	...	...	...	...	...	...
Sargodha ...	00 00	984 250 40	...	500 224 57	1// 104 59	586 061 //	757 171 //	...	249 395 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_aDD								Max. Wind Speed	TROPOPAUSE	
										PmPmPm dmdm fmfmfm	$P_tT_tP_cT_cT_{ac}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 2/8 26	800 144 29	600 005 /5	350 219 5	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 204 30	800 150 44	600 259 06	350 185 60	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date(dd fff)						At 0600 hrs. G.M.T. † of Previous day (dd fff)										
	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	3.4	5.4	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	125 11	130 13	130 14	140 1/	410 15	140 17	...	...	...	115 15	252 3/	140 29	...	...	...	110 13	125 17	125 22	...	...	...	...	...	...	...	...
Chakla'a ...		145 04	125 06	110 13	040 03	320 07	...	...	...		100 05	115 0/	220 04	...	...	...	170 03	190 04	260 04	225 04	010 02	126 04	...	...	...	...
Chhor ...	155 04	160 06	125 05	135 26	025 39	...	...	...	...	130 07	140 03	040 17	140 07	090 27	090 31	225 06	225 09	190 06	195 08	205 12	...	...	...	...	...	...
Chittagong ...	160 10	160 12	160 15	/// //	160 17	...	...	...	...							135 13	145 13	145 16	135 18		...	...	...	...	...	...
Cox's Bazar ...	165 21	170 18	170 20	165 25	...	...	...	...	...	...	...	...	...	...	...	140 17	152 4/	135 25	140 25	...	...	...	...	...	...	...
Dacca ...	150 15	165 12	161 0/	185 07	185 10	...	...	...	...	125 24	150 24	155 03	/// //	125 17	...	101 2/	135 13	120 13	130 11	130 10	...	...	...	...	...	...
Dalbandin ...			352 04	345 03	010 07	060 11	060 17	055 14	065 09	...	...	235 08	140 09	090 07	050 15		...	150 08	145 10	150 08	115 07	060 28	085 23	100 19	...	...
D. I. Khan ...	135 06	125 07	150 99	145 05	245 04	265 04	...	...	...	075 10	115 /9	110 03	150 01	160 01	225 04	040 06	050 04	075 01	075 04	125 08	085 04	030 04	025 07	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	025 08	115 08	070 10	350 21	430 02	335 20	...	...	...	070 04	345 01	050 06	...	...	...	145 01	100 04	310 03	080 10	090 14	100 19	...	...
Jacobabad ...	030 11	060 08	060 06	075 01	095 06	155 04	205 02	...	...	402 17	005 15	001 7/	075 21	080 21	...	155 15	130 10	190 09	225 07	235 06	...	...	...	...	...	...
Jessore ...	135 15	125 15	145 17	135 14	145 16	...	...	...	...	1 5 20	165 20	180 12	200 18	200 2/	220 33	115 09	135 11	135 15	125 13	120 13	...	...	...	...	...	...
Jhelum ...	355 04	350 06	280 04	175 07	140 08	...	...	...	...	/30 09	085 07	160 C6	230 12	265 12	250 09	115 05	155 07	190 0/	245 07	...	...	...	...	...	...	...
Jiwani ...	205 18	23/ 19	250 19	260 11	120 12	095 17	045 34	055 28	045 29	215 15	215 11	...	...	...	...	250 07	300 10	345 17	045 14	065 18	...	...	...	...	...	...
Karachi ...	135 14	135 17	...	...	...	...	...	...	...	...	...	...	...	...	...	115 08	110 09	...	...	...	...	...	...	...	...	...
Khanpur ...	010 81	030 20	040 22	060 14	...	...	...	...	...	...	...	...	...	...	...	390 04	305 02	250 02	140 13	105 12	...	...	...	...	...	...
Lahore ...	045 06	070 06	110 08	130 11	155 12	165 10	...	...	...	150 05	115 13	170 13	155 09	100 04	080 03	135 03	140 04	150 06	145 09	...	...	...	...	...	...	...
Multan ...	040 15	075 15	075 15	090 11	070 10	060 15	...	...	...	070 08	085 13	105 10	180 05	305 05	070 09	200 04	150 02	145 03	075 08	080 12	065 12	055 0/	235 01	115 01	...	...
Nawab Shah ...	160 27	130 19	110 25	...	...	...	...	...	...	045 11	045 06	065 0/	115 12	135 17	170 17	100 08	090 09	085 10	085 16	095 16	095 14	...	...	...	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	070 07	070 07	190 05	265 04	...	...	...	...	...	007 //	185 06	045 07	090 03	110 07	...	360 04	045 04	...	...	...	...	...	...	...	...
Quetta ...					// //	070 16	...	...	...					075 16	055 13											
Sargodha ...	050 07	080 09	100 09	160 14	105 05	025 13	030 15	...	...	090 13	135 20	140 20	175 1/	255 06	280 06	100 04	135 07	125 06	110 06	265 06	275 17	285 19	290 31	295 36	...	...
Sylhet ...	275 08	270 09	215 05	180 04	130 14	...	...	...	...	130 07	150 10	101 2/	...	...	...	210 04	225 05	220 06	...	085 00	060 65	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	061 56	065 13	085 15	085 18	085 2/	085 17	150 26	120 20	105 19	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

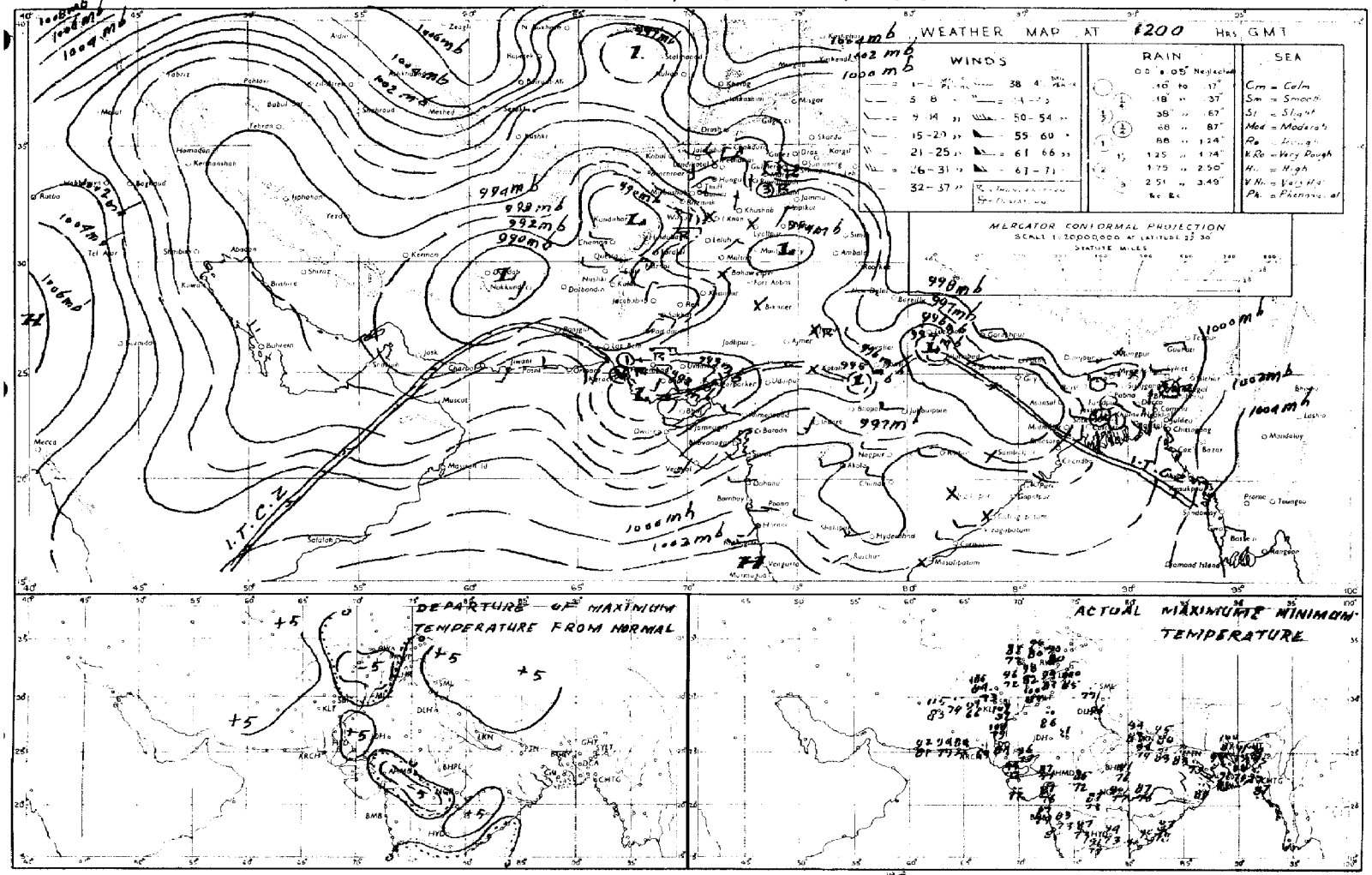
~~dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°~~
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI-11

PAKISTAN DAILY WEATHER MAP

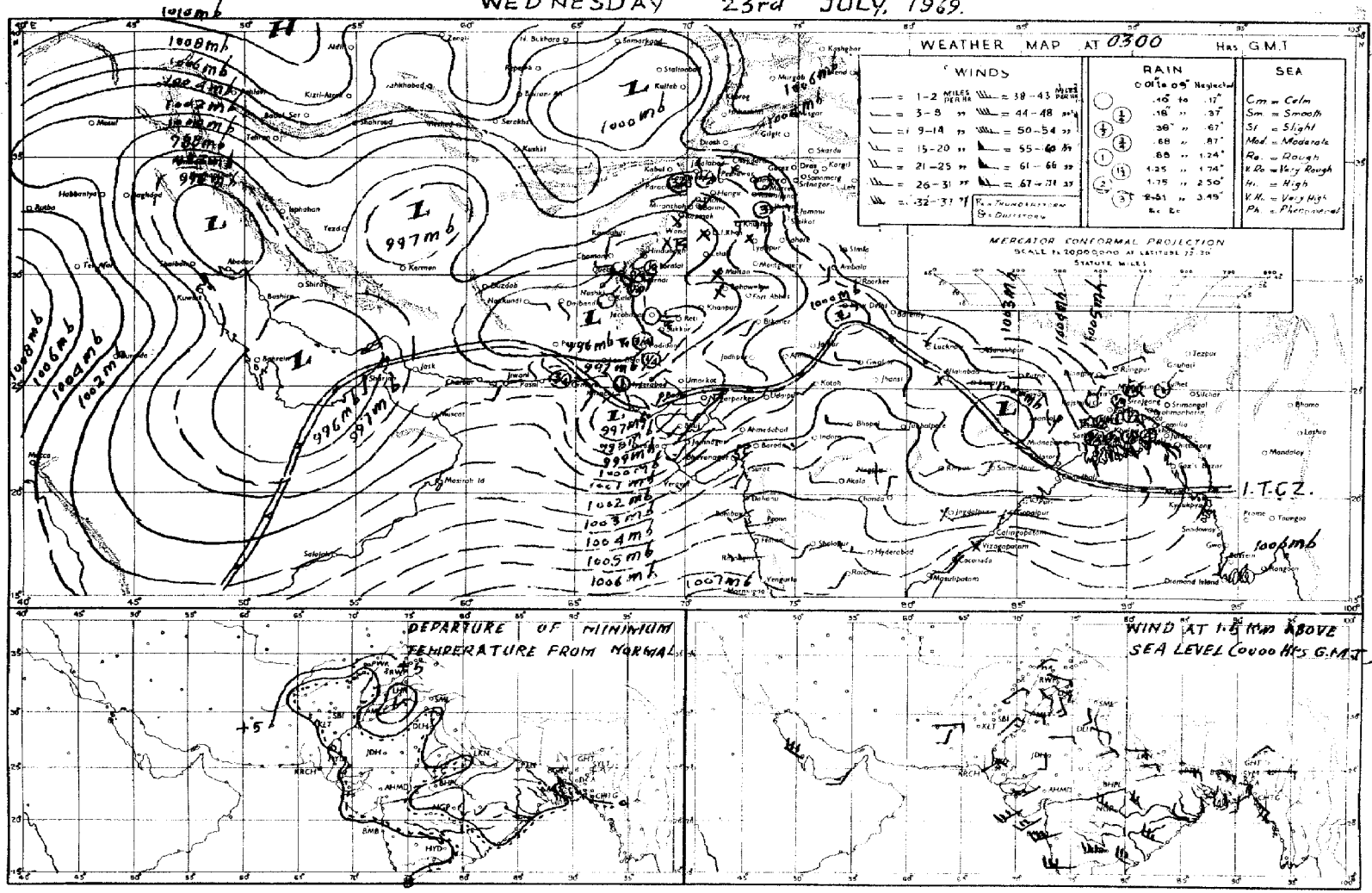
TUESDAY 22nd JULY, 1962



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 23rd JULY, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 24th JULY, 1969.

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

The Monsoon trough extends from Multan division to north Bay of Bengal where a well marked low pressure area has developed. Rain/thundershowers have been local in Chittagong division. A few thundershower/light rain occurred in Rajshahi and Khulna divisions. The low pressure area off Karachi has filled up. Monsoon is active over northern districts of West Pakistan. Widespread to fairly widespread rain taundershower occurred in Peshawar, Rawalpindi and Lahore divisions local in Quetta division, scattered in D. I. Khan, Multan and Khairpur divisions. A few thunderstorm showers also occurred in Sargodha and Bahawalpur divisions.

Chief amounts of rainfall are : Lahore 5", Maijdee Court 4", Jhelum, Islamabad and Peshawar 3" each, Hindubagh and Chaman 2" each, Murree and Rawalpindi 1½", each, Rangamati, Sylhet, Sialkot, Multan, Chakdara, Kalat and Nushki ½" each, Haripur, Loralai, and Jacobabad ¼" each.

Day temperatures were 3—5 °F (2—4 °C) above normal in Chittagong, Khulna and Peshawar divisions and to the same extent below normal in Khairpur, Hyderabad, Kalat divisions.

Forecast valid until the evening of 25th July 1969 :—Fairly widespread rain/thudershowers in Lahore, Rawalpindi, divisions and Kashmir, local in East Pakistan, Peshawar, Sargodha, scattered in D. I. Khan, Quetta, Multan and Bahawalpur divisions.

Karachi-11
The 24th July, 1969.

(ZARIF AHMED)
for Director, Meteorological Service.

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 Clud † Nh (13)	Low Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	5	18	02	98	01	9	018	86	4	3	6	7	/	78	91
	Cox's Bazar	000	0	6	18	18	97	02	2	007	82	1	5	4	3	1	80	86
	Chittagong	000	0	5	20	12	96	02	2	013	85	3	4	4	3	0	77	90
	Maijdee Court	000	9	4	18	02	97	01	0	003	82	4	2	5	2	0	77	87
	Comilla	000	0	4	18	05	96	02	1	008	86	4	4	7	0	0	76	87
	Brahmanbaria	000	0	5	18	02	97	03	1	014	85	2	5	5	0	5	77	90
	Sylhet	000	0	6	00	00	97	02	2	003	86	3	5	5	8	1	80	91
	Srimangal	300	9	6	09	05	96	02	9	010	87	4	9	4	7	1	80	91
Dacca	Mymensingh	000	0	6	00	00	97	02	2	015	87	6	5	5	0	0	77	90
	Narayanganj	000	0	6	18	03	96	02	2	000	86	2	4	6	3	1	77	86
	Dacca (Tezgaon)	000	0	5	18	05	97	01	2	000	85	4	8	4	4	1	76	87
	Faridpur	036	0	6	16	02	97	02	6	996	82	4	5	4	1	0	78	90
Khulna	Barisal	000	0	7	13	03	96	02	2	008	85	5	5	4	1	0	78	87
	Khulna	000	0	4	13	05	97	03	0	990	85	2	2	4	0	0	91	90
	Satkhira	000	0	8	13	02	97	02	1	991	86	8	4	5	2	0	73	91
	Jessore	001	0	6	09	09	97	21	2	990	85	4	4	4	0	8	80	90
Rajshahi	Pabna	000	8	4	18	02	99	01	9	995	85	5	0	9	4	0	82	90
	Siraiganj	000	0	4	18	01	97	02	2	004	85	4	4	6	0	0	78	86
	Rajshahi	000	0	6	09	02	96	03	1	995	85	6	5	5	/	/	78	87
	Bogra	000	0	7	13	03	96	02	2	996	85	5	5	4	3	1	78	87
	Dinajpur	000	9	6	09	02	96	02	2	993	86	4	5	6	2	/	78	95
	Rangpur	000	0	6	09	02	96	03	1	958	87	3	5	6	2	0	76	00
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	465	5	7	09	03	97	29	9	970	85	4	5	6	7	0	78	96
	Sialkot	...	...	...	...	...	..	...	...	..	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	0	2	13	03	98	02	0	962	91	2	2	6	0	0	78	93
	Islamabad	...	...	...	...	...		...	...			...		..	..	...	...	...
	Rawalpindi	000	0	3	09	02	99	03	0	952	73	3	2	8	0	0	80	93
	Campbellpur																	
Sargodha	Khushab	000	0	6	09	05	96	03	2	964	96	3	2	9	4	0	93	00
	Sargodha	000	0	5	13	09	96	16	9	952	94	2	9	6	5	1	79	00
	Lyallpur	000	3	5	16	02	96	02	9	945	90	5	9	7	0	0	76	00
Multan	Sahiwal																	
	Multan	000	0	5	00	00	97	02	1	937	00	4	4	6	0	0	//	//
	Leiah																	
Bahawalpur	Khanpur	000	3	7	23	02	97	17	9	947	90	5	9	6	7	0	78	04
	Bahawalpur	0.0	0	3	00	00	96	00	0	963	04	0	0	9	0	0	64	05
	Fort Abbas	///	/	0	09	03	98	00	0	959	04	0	0	9	0	0	69	05
Peshawar	Chakdra	000	0	2	23	03	97	03	0	925	94	2	1	7	0	0	84	95
	Peshawar	000	0	1	36	02	97	02	0	928	96	1	9	6	3	0	77	98
	Haripur	000	6	6	23	05	97	02	1	947	96	6	0	9	0	3	76	98
D. I. Khan	Bannu	000	0	6	11	02	98	03	2	930	00	3	1	7	4	0	72	02
	D. I. Khan	000	0	0	00	00	98	00	0	953	96	0	0	9	0	0	79	05
Quetta	Sibi	000	0	6	31	03	97	03	1	965	95	/	/	/	/	/	62	06
	Nokkundi	000	0	4	13	05	96	20	1	893	96	4	5	6	0	0	69	06
Kalat	Turbat																	
	Jiwani	000	0	6	18	07	96	01	2	963	90	3	4	5	0	0	73	83
	pasni	...	...	...	..	...	...	..	...	...	.	...	...		.	..	...	...
Karachi division	Ormara	000	0	6	18	09	96	01	1	962	90	6	1	6	0	0	83	91
	Lasbela																	
	Karachi (Manora)	000	0	6	23	07	97	03	1	965	84	6	6	4	0	0	78	89
	Karachi (Ariport)	000	0	7	23	12	96	02	2	968	84	7	6	4	0	0	78	92
Hyderabad	Nagarparker	000	0	6	05	02	97	03	0	991	85	8	6	6	0	0	75	90
	Chhor	...	...		...		...	...	..	...		..	..	...	...	...	...	...
	Hyderabad	000	0	3	13	09	97	01	1	960	91	3	4	6	3	0	79	96
	Badin	000	0	6	23	04	96	03	0	992	66	0	0	9	0	6	85	66
Khairpur	Padidan	000	3	7	27	03	97	03	9	946	55	4	4	6	7	0	80	99
	Nawabshah	000	0	6	03	09	96	02	1	951	81	3	1	5	0	8	77	00
	Sukkur	000	1	7	31	19	96	05	0	962	85	/	0	9	9	0	81	03
	Kashmore	000	0	8	36	05	98	03	5	960	86	8	1	2	0	0	71	06
	Jacobaba	030	2	8	09	05	97	95	9	965	87	2	7	6	2	0	81	/:
Junagadh	Veraval																	
	HILL STATIONS*																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	012	7	8	09	03	95	03	6	417	73	8	5	2	/	/	68	73
Peshawar	Drosh *	000	6	1	23	09	97	05	4	364	00	1	2	7	0	0	58	03
	Cherat *	..		...	...	..	...	...	...	...	...	...	..	...	...	..	...	...
	Kakul *	000	0	4	23	05	96	01	2	429	86	4	2	5	0	0	70	87
	Landikotal *	000	0	0	02	05	98	02	0	402	90	8	0	9	0	0	75	91
	Prachinar *	000	2	6	06	05	97	95	9	413	82	4	9	6	3	0	70	87
D.I. Khan	Miranshah *	000	0	4	05	05	97	00	0	446	00	0	0	9	0	0	68	00
	Wana *	010	8	8	13	02	98	03	9	439	87	8	8	8	0	0	84	96
Quetta	Fort Sandeman *	000	4	5	09	05	97	77	9	398	84	3	3	7	1	0	60	95
	Hindubagh *	000	0	7	13	03	94	03	0	380	82	7	7	5	0	0	78	95
	Loralai *	000	0	8	23	04	98	01	0	590	01	0	1	8	0	8	55	03
	Barkhan *																	
	Harnai *	035	0	7	00	00	96	03	2	394	87	0	0	6	5	0	61	90
	Samungli (Quetta) *	000	0	7	18	10	96	05	2	386	08	4	3	6	2	0	73	94
	Chaman *	206	0	9	09	05	97	00	0	389	78	0	0	9	0	0	41	04
	Nushki *	000	0	5	23	07	95	07	5	434	95	0	0	9	0	0	69	04
	Dalbandin *	000	1	6	13	35	02	51	3	925	13	4	0	1	9	8	67	10
Kalat	Kalat *	000	0	7	09	02	95	02	1	375	81	0	4	9	0	0	68	85
	Khuzdar *																	
	Panjgur *																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	057	9	4	18	05	98	01	6	061	84	2	4	6	7	1	77	79	—	—	46.7	—	53.2	—
	Cox's Bazar	005	2	7	13	05	96	..	2	033	81	5	4	4	3	0	81	79	+ 1	+ 3	34.5	−13.3	42.0	140
	Chittagong	000	0	5	13	09	96	02	2	032	84	3	8	4	2	0	75	79	+ 4	+ 2	13.0	−25.6	66.1	108
	Maijdee Court	400	9	6	18	02	97	02	0	032	79	4	/	5	2	0	77	78	+ 1	0	70.7	+33.4	82.8	115
	Comilla	000	0	4	18	05	96	02	/	026	84	4	4	7	0	0	77	77	0	0	50.8	+21.0	70.0	94
	Brahmanbaria	000	0	6	13	07	97	03	0	037	84	2	5	5	2	0	77	81	—	—	26.4	+ 4.0	36.0	78
	Sylhet	048	7	8	05	05	96	02	9	041	75	4	4	4	2	/	75	75	—	—	54.3	—	92.2	—
	Srimangal	...	...	...	...	...	...	..	...	...	...	..	..	...	.	...	...	...	0					98
Dacca	Mymensingh	000	0	4	13	02	97	02	2	033	87	4	5	5	0	0	77	81	+ 2	+ 3	29.6	+ 0.3	44.7	91
	Narayanganj	000	0	6	13	06	97	02	2	037	84	4	6	6	3	/	79	81	− 2	+ 2	22.2	− 0.3	45.6	74
	Dacca (Tezgaon)	000	0	7	13	05	97	02	2	028	82	6	8	4	2	0	77	81	—	—	19.2	—	31.0	—
	Faridpur	000	0	6	16	05	97	02	0	023	84	4	4	5	1	0	79	77	+ 2	0	19.6	− 2.4	33.2	71
Khulna	Barisal	001	0	6	13	03	97	02	2	019	84	5	8	4	2	0	81	79	0	0	28.0	+ 0.4	38.0	81
	Khulna	000	0	4	00	00	97	03	0	019	87	2	2	4	0	0	//	79	+ 2	+ 1	17.5	− 6.3	23.6	68
	Satkhira	000	0	4	13	02	97	02	1	010	84	6	4	5	2	/	79	///	+ 3	—	15.4	− 7.4	20.7	65
	Jessore	001	0	7	11	09	97	02	2	013	82	7	6	3	2	0	79	77	—	—	20.6	− 1.2	23.0	65
Rajshahi	Pabna	000	9	4	11	05	99	03	9	021	84	2	8	6	0	1	81	79	—	—	15.8	—	29.6	59
	Siraiganj	000	0	4	18	02	98	02	2	024	84	4	0	7	4	0	79	81	− 2	+ 2	19.3	− 1.8	26.0	64
	Rajshahi	008	6	5	09	03	95	03	/	021	86	5	5	5	0	0	75	79	− 2	+ 1	24.2	+ 4.5	38.2	—
	Bogra	000	0	6	09	02	96	02	2	027	84	6	8	5	0	0	79	79	− 2	0	16.8	− 5.3	27.8	69
	Dinajpur	000	3	3	13	02	96	01	1	020	86	3	0	9	4	/	79	81	− 5	+ 2	36.2	+11.4	59.2	72
	Rangpur	004	3	2	09	02	96	01	6	013	86	2	0	9	1	0	81	81	+ 10	+ 2	39.5	+ 8.7	58.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	497	1	8	02	02	97	01	6	005	75	4	6	5	2	0	73	73	− 3	− 6	5.6	− 0.1	10.3	19
	Sialkot	050	0	2	01	05	96	00	8	013	75	0	0	9	6	0	75	64		+ 15	2.3	− 6.4	7.0	32
Rawalpindi	Jhelum	282	6	8	00	00	96	95	9	009	75	5	9	5	2	/	73	73	—	—	7.8	—	16.1	—
	Islamabad	305	9	8	00	00	95	62	6	///	75	4	8	5	/	0	//	73		—	6.6	—	13.6	—
	Rawalpindi	156	1	9	00	00	97	21	9	993	75	8	5	6	6	6	75	75	− 4	− 2	5.3	− 3.0	15.4	36
	Campbellpur																							—
Sargodha	Khushab	///	3	8	09	//	55	53	8	001	76	5	8	6	0	0	75	75	− 2	− 7	0.1	− 4.1	3.5	15
	Sargodha	...		...	...	...	...		..				...			...		...	—					
	Lyallpur	000	9	5	36	03	96	03	9	993	82	5	9	7	0	0	75	81	− 1	− 1	2.1	− 1.4	5.1	12
Multan	Sahiwal																							10
	Multan	040	9	4	13	03	97	02	2	566	84	/	5	6	0	2	79	84	/	− 1	7.7	+ 6.0	10.8	7
	Leiah																							8
Bahawalpur	Khanpur	...	..	...	...	...	...		...			...		...		...	...	...	0					6
	Bahawalpur	///	9	1	00	00	92	02	0	976	87	0	0	9	0	0	84	79	+ 3	− 4	0.0	− 1.8	1.3	6
	Fort Abbas	///	/	0	23	02	00	00	0	555	87	0	0	9	0	0	84	79	—	—	0.0	—	0.2	8
Peshawar	Chakdra	061	/	7	27	05	97	03	2	561	77	7	5	7	0	0	79	75	—	—	1.6	—	12.8	—
	Peshawar	280	8	7	31	03	97	02	9	584	81	6	7	4	2	0	77	75	− 3	− 5	2.8	− 1.6	11.5	11
	Haripur	025	5	8	36	02	96	03	6	597	79	8	7	6	0	8	73	73	—	—	0.6	—	10.8	—
D. I. Khan	Bannu	..		..	..	...	..	...				...	...			...	...	...	—					11
	D. I. Khan	000	3	8	05	02	98	03	0	888	00	0	0	9	0	0	75	84	+ 2	+ 1	0.3	− 2.0	7.7	9
Quetta	Sibi	000	0	2	18	03	97	03	0	987	86	0	2	9	0	2	64	84	—	—	0.2	—	0.2	5
	Nokkundi	000	0	6	05	03	96	03	2	954	89	6	5	7	0	0	69	86	—	—	0.0	—	0.3	2
Kalat	Turbat																							—
	Jiwani	000	0	6	13	05	96	03	2	989	83	6	6	5	0	0	77	81	—	—	0.0	—	2.0	5
	pasni	000	0	5	31	06	97	02	0	998	80	5	0	9	0	0	79	76		− 2	0.0	− 0.6	0.0	6
Karachi division	Ormara	000	0	7	27	10	96	01	1	998	80	7	6	6	0	0	79	76	—	—	0.0	− 0.6	0.6	6
	Lasbela																							8
	Karachi (Manora)	000	0	5	27	05	96	01	1	959	83	2	6	4	1	0	77	81	+ 3	0	10.0	− 2.0	1.1	8
	Karachi (Ariport)	000	0	7	27	09	96	03	2	996	82	7	6	5	0	0	76	61	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	000	0	6	50	02	96	02	0	041	84	6	6	6	0	0	77	80	—	—	0.1	—	0.1	—
	Chhor	000	0	7	23	05	96	02	0	594	85	7	4	5	0	0	76	81		—	0.2	—	0.3	7
	Hyderabad	000	0	5	23	05	97	03	1	990	85	2	0	9	3	0	75	81	− 2	0	0.2	− 2.4	0.3	9
	Badin	000	0	0	23	04	96	00	1	005	83	0	0	9	0	0	80	82	− 7	+ 1	0.3	− 2.3	0.3	—
Khairpur	Padidan	000	9	3	18	02	97	02	9	982	89	3	0	9	4	0	76	81	—	—	0.8	—	0.8	—
	Nawabshah	000	0	7	18	12	96	03	2	981	83	0	0	9	0	5	66	80	—	—	1.0	—	1.1	4
	Sukkur	000	9	7	13	05	96	03	2	974	86	/	/	/	/	/	//	//	—	/	//	—	0.0	—
	Kashmore	000	0	2	18	02	98	02	2	998	98	0	0	9	0	2	72	82	—	—	0.0	—	0.0	4
	Jacobaba	030	9	4	18	07	96	03	/	976	87	2	2	9	4	1	82	83	− 7	− 1	0.5	− 0.5	0.8	20
Junagadh	Veraval																							26
	HILL STATIONS*																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	134	3	8	09	05	90	43	/	///	//	9	/	0	/	/	62	60	0	+ 2	5.1	− 8.2	23.8	18
Peshawar	Drosh *	..	..	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	+ 6					29
	Cherat *	005	0	8	18	05	95	01	1	///	69	6	1	0	0	0	69	//		—	0.5	− 3.8	9.8	—
	Kakul *	(6)	7	8	18	02	96	03	6	430	73	8	3	3	0	0	69	69	—	—	71.1	—	17.8	—
	Landikotal *	014	3	8	31	05	94	03	6	417	73	8	7	6	/	/	73	//	—	/	0.8	—	11.3	29
	Prachinar *	017	3	7	11	05	96	02	9	424	73	5	7	5	7	0	69	73	+ 1	+ 7	2.5	—	13.2	13
D.I. Khan	Miranshah *	000	0	6	05	05	99	03	0	413	82	6	0	9	0	0	64	81	0	—	0.5	− 1.5	2.0	11
	Wana *	000	0	0	00	00	99	00	0	420	87	0	0	9	0	0	73	73	—	—	1.2	—	3.6	11
Quetta	Fort Sandeman *	000	9	5	09	02	97	03	9	409	80	3	0	9	3	1	64	77	− 2	+ 3	1.0	− 1.3	5.2	—
	Hindubagh *	220	0	0	13	03	97	02	0	457	72	0	0	9	0	0	60	62	—	—	2.2	—	5.5	9
	Loralai *	035	0	0	27	02	98	00	0	395	75	0	0	9	0	0	65	///	—	/	0.6	—	0.6	—
	Barkhan *																							14
	Harnai *	000	0	0	00	00	96	02	0	394	83	0	0	8	0	0	70	//	—	/	0.8	− 1.6	2.6	9
	Samungli (Quetta) *	000	0	0	00	00	95	05	0	422	73	0	0	9	0	0	6/	64	—	—	0.5	− 0.0	3.1	8
	Chaman *	000	0	0	09	05	97	03	0	413	78	0	0	9	0	0	66	73	+ 3	− 2	0.0	− 0.1	2.7	—
	Nushki *	045	0	2	07	05	98	02	0	464	82	0	0	9	0	2	69	70	—	—	0.5	—	2.6	4
	Dalbandin *	003	7	7	36	03	97	03	5	407	78	1	5	6	3	0	73	77	—	+ 1	0.0	− 0.0	0.5	7
Kalat	Kalat *	000	0	5	02	02	97	01	2	414	73	0	0	9	0	0	64	63	− 6	+ 1	0.2	− 0.5	14.7	—
	Khuzdar *																							5
	Panjgur *																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 24th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_N$	D_sV_sa PP	7RR $t_gt'_g$	8$N_sC_sh_s$	OT$_x$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														
Bombala	59 2 48	10 6 32	23 1 23	72 4 09	98 0 20	95 6 86	64 5 58				05 3 78		30 5 01	32 8 04
Bombala	90 2 48	10 6 46	23 0 03	82 6 09	97 1 85	90 7 58	97 8 83			85 9 / /	03 2 03		30 4 01	23 8 05

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PoPoPo ToToTo DoDo	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 TT, DD								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	999 266 15	...	410 176 03	084 104 28	581 031 41	...	...	...	...	...	...	...	...
Dacca ...	00 00	001 283 12	...	400 194 1/	104 126 31	586 037 45	7// 010 38	/// /// / /	258 485 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	996 280 18	...	400 / 70 27	053 1// 0/	578 045 / /	750 155 / /	953 251 / /	248 411 / /	...	...	...	...	...
Multan ...	00 00	928 882 25	...	400 246 63	051 116 75	580 026 / /	751 041 / /	...	280 285 / /	...	...	...	...	...
Peshawar ...	00 00	5/ / 254 0/	...	400 214 15	038 1 4 20	579 015 / /	725 097 / /	...	...	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	985 290 50	...	500 244 56	175 110 50	58/ 091 / /	756 191 / /	956 331 / /	246 441 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_s DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_cT_cP_cT_cT_{sc}T_{sc}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 170 21	800 154 07	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 224 10	830 180 2/	630 058 40	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds 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 (0 °C) even values indicate positive and odd values indicate negative temperatures.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date(dd fff)						At 0600 hrs. G.M.T. † of Previous day (dd fff)								
	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	3.4	5.4	5.4	6.0	7.2	0.9
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	145 11	140 13	140 12	...	135 12	...	...	...	...	125 10	140 09	130 09	145 10	145 07	150 08	120 12	125 12	125 12	135 17	...	...	...	...	...	...	...
Chaklala ...	...	165 08	165 09	170 07	180 05	...	...	...	...	...	135 15	145 25	...	...	...	...	110 15	115 19	...	...	...	...	...	...	...	...
Chhor ...			...	...	...	...	...	...	...	...	...	...	...	...	...	210 12	220 12	220 20	...	...	...	...	...	...	...	...
Chittagong ...	180 13	170 13	160 17	160 17	160 12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	160 19	160 19	160 19	155 15	175 11	220 05	...	...	...	165 24	170 18	170 17	180 21	185 19	185 24	180 12	/// //	/// //	120 15	...	...	...	...	...	...	...
Dacca ...	160 1/	155 11	150 16	165 12	165 12	175 12	110 10	130 08	120 09	125 16	125 15	140 14	...	15/ 12	...	125 10	130 15	140 21	130 15	...	...	...	...	...	...	...
Dalbandin ...	...	...	220 14	220 11	225 08	260 07	...	...	...	...	...	205 02	260 03	235 /3	270 09	...	...	280 05	275 09	025 03	020 16	070 20	075 19	065 19	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	120 11	125 1/	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	230 10	215 08	210 14	735 05	000 3/	335 08	...	...	...	205 02	225 03	030 01	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	135 07	120 04	355 10	020 13	025 13	025 18	...	...	...	090 02	250 / /	330 07	...	...	...	265 06	...	...	...	...	...	...	...
Jacobabad ...	110 29	095 13	090 06	035 05	025 05	...	...	...	...	210 07	220 05	225 06	275 03	310 03	100 07	145 07	205 06	210 02	230 02	265 03	175 04	325 06	320 11	330 09	...	...
Jessore ...	125 12	125 16	140 17	145 15	145 13	...	...	...	...	205 14	120 11	...	110 11	130 12	130 14	100 10	120 11	120 12	120 15	...	...	180 07	105 11	045 15	160 21	040 28	045 34	060 47
Jhelum ...	150 8/	140 07	160 53	270 02	355 11	350 11	...	330 17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	205 09	050 03	050 10	050 13	...	...	...	...	...	155 07	155 05	...	...	...	...	180 08	170 09	...	...	...	...	...	...	...	...	...
Karachi ...	225 14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	225 15	260 13	270 14	...	...	...	...	...	...	...	...
Khanpur ...	210 12	150 17	120 21	105 11	120 21	113 31	...	...	...	220 12	225 16	220 14	190 14	...	...	231 05	205 12	195 12	195 19	185 17	170 01	...	...	...	...	...
Lahore ...	090 05	110 18	110 10	115 10	140 15	...	...	...	...	120 12	130 17	150 19	160 13	...	...	035 CB	020 14	010 55	360 05	...	...	...	...	...	...	...
Multan ...	101 11	100 08	135 05	125 06	115 10	...	...	...	...	175 10	215 13	230 07	255 01	130 02	...	060 04	065 04	070 04	071 02	095 06	240 01	...	...	...	...	...
Nawab Shah ...	155 07	155 09	135 11	090 12	...	...	...	...	...	220 15	215 13	215 11	110 03	070 06	100 19	190 03	105 02	075 04	070 07	040 CB	040 06	065 03	055 07	055 08	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	050 08	080 05	195 04	230 06	265 04	270 09	270 10	285 18	...	/55 12	245 13	205 12	265 16	305 16	...	065 02	110 03	...	135 06	...	...	...	...	...	...
Quetta ...	...	...	...	...	190 31	090 17	035 19	...	...	...	...	...	...	...	...	...	...	...	...	050 02	355 10	015 19	015 19	020 49	...	...
Sargodha ...	115 12	100 12	110 08	140 04	125 10	...	...	...	...	095 12	125 18	145 17	225 10	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	105 01	165 02	180 08	180 15	185 11	...	...	...	...	No	Ascent	...	...	...	...	100 04	120 04	175 04	205 05	175 09	...	...	...	...	...	...
Vernal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.B. Sargodha ...																		
Karachi ...	235 19	225 21	235 19	240 15	005 / /	065 CB	130 15	075 13	055 / /	...	..	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

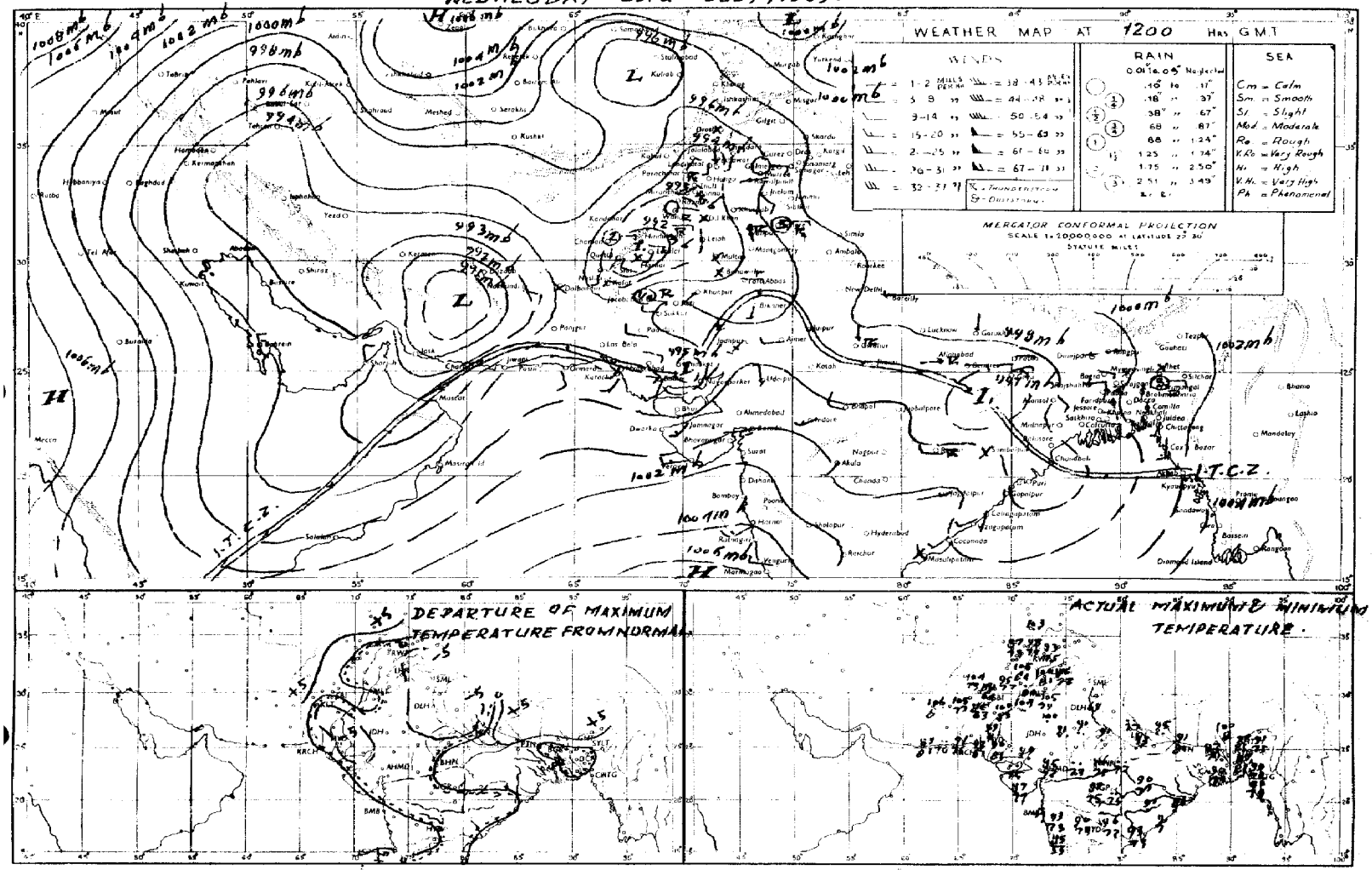
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI.—11

PAKISTAN DAILY WEATHER MAP

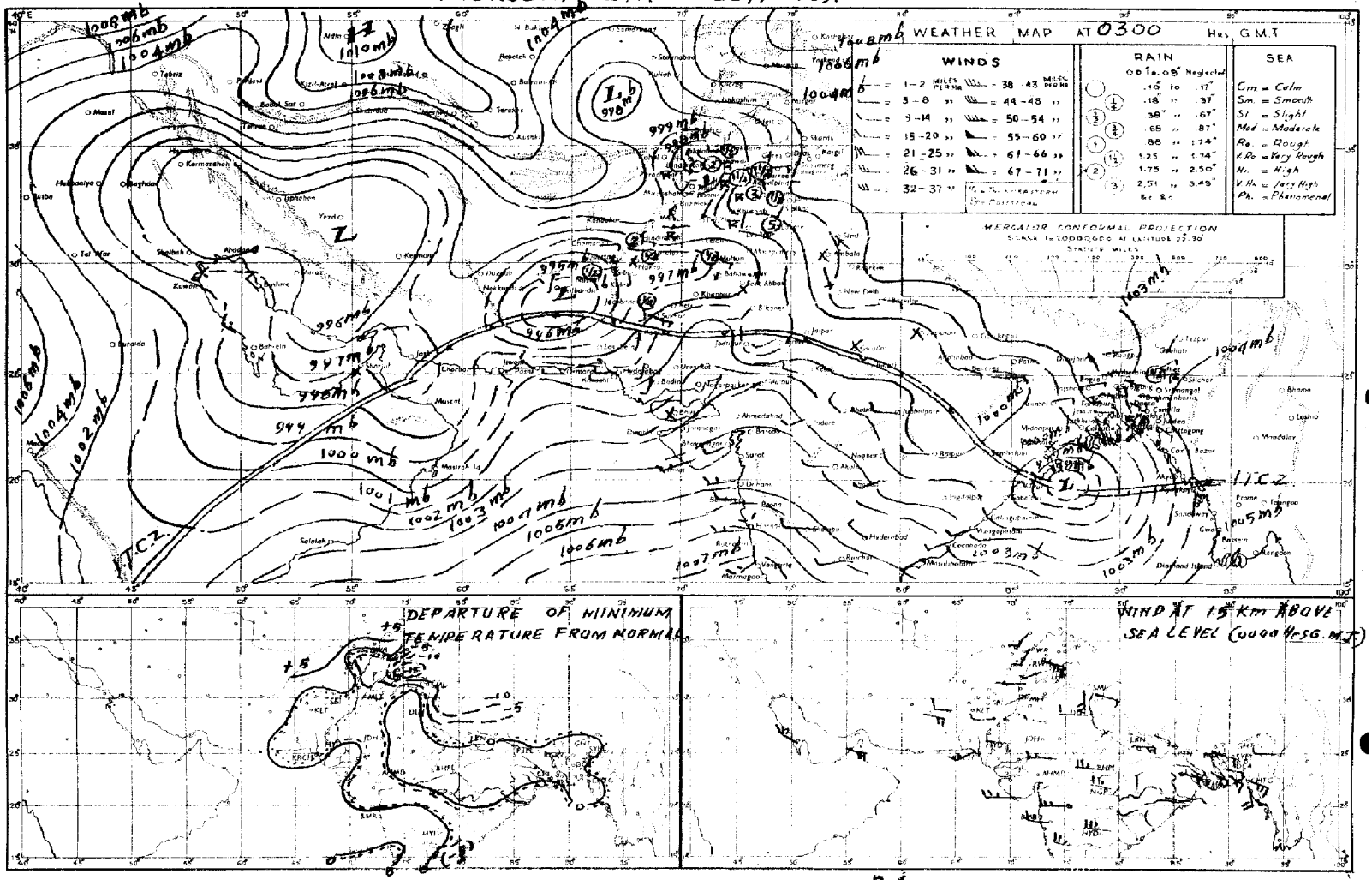
WEDNESDAY 23rd JULY, 1969.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY, 24th JULY, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 25th JULY, 1969.

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

Yesterday's well marked low pressure area over north Bay of Bengal has moved inland and lies over Chota Nagpur and adjoining Bihar. In its wake monsoon is becoming active over East Pakistan.

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

Monsoon continues to be active over the northern division of West Pakistan.

Widespread to fairly widespread rain or thundershower have occurred in Lahore, Rawalpindi and Sargodha divisions, local in Bahawalpur and Kalat divisions and scattered in Peshawar and Quetta divisions. A few thunderstorms/light showers also occurred in Multan division.

Chief amounts of rainfall are : Jhelum, Islamabad and Lyallpur 3" each, Sylhet 2", Lahore 1", Cox's Bazar 3/4", Sialkot, Sargodha, Bahawalpur, Fort Sandeman and Kalat ½" each, and Dinajpur, Murree, Kakul, Hindubagh and Khuzdar ¼" each.

Day temperatures were 3—8 °F (2—4 °C) above normal in Chittagong, Khulna, south Quetta and Kalat divisions and were 3—6 °F (2—3 °C) below normal in north Quetta and Khairpur divisions and 9—20 °F (2—11 °C) so elsewhere in East Pakistan outside Multan, Bahawalpur, Karachi and Hyderabad divisions.

Forecast valid until the evening of 26th July 1969 :—Fairly widespread rain/thudershowers are like to occur in East Pakistan and in Lahore, Rawalpindi, Sargodha divisions, local in Multan, Peshawar divisions and Kashmir and scattered in Bahawalpur, Quetta and Kalat divisions.

Karachi-11
The 25th July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	6	18	02	98	95	2	007	87	5	3	6	1	/	78	91
	Cox's Bazar	003	0	6	13	24	97	03	2	959	85	4	3	4	0	1	80	88
	Chittagong	000	0	7	18	12	97	02	2	956	86	2	8	4	0	1	79	90
	Maijdee Court	000	9	2	18	02	97	01	0	003	86	2	2	5	0	0	77	87
	Comilla	000	0	4	18	05	96	02	0	007	86	4	4	7	0	0	78	87
	Brahmanbaria	000	0	5	18	02	97	03	/	997	87	3	4	5	0	7	77	91
	Sylhet	008	6	0	00	00	97	02	2	994	86	2	4	4	3	1	77	87
	Srimangal	010	9	4	00	00	96	02	9	996	87	0	0	9	7	2	87	91
Dacca	Mymensingh	000	0	4	00	00	96	01	1	008	86	4	5	5	0	0	77	90
	Narayanganj	000	0	4	13	03	96	02	2	993	90	/	5	6	3	1	78	90
	Dacca (Tezgaon)	000	0	6	18	05	97	02	2	991	86	3	8	5	6	4	77	88
	Faridpur	000	0	5	16	02	97	02	2	002	85	3	5	6	1	0	78	87
Khulna	Barisal	010	6	5	13	03	97	02	2	997	84	4	4	4	2	0	79	87
	Khulna	000	0	4	00	00	97	03	0	990	87	2	2	4	0	0	80	91
	Satkhira	000	0	6	13	02	97	02	1	983	87	6	5	5	3	0	77	90
	Jessore	002	4	6	15	09	97	02	6	984	87	3	4	4	4	8	78	90
Rajshahi	Pabna	000	0	7	11	05	99	03	2	991	90	6	9	6	0	1	86	90
	Sirajganj	C00	0	2	18	02	97	01	1	998	85	2	2	6	0	0	78	87
	Rajshahi	000	0	6	13	02	95	03	/	993	87	6	7	5	/	/	78	90
	Bogra	000	0	5	13	03	96	02	2	988	87	4	4	4	0	7	78	90
	Dinajpur	000	9	5	09	02	96	01	1	980	'0	5	0	9	2	1	//	91
	Rangpur	000	0	3	00	00	96	01	1	960	86	3	0	9	1	0	76	98
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	006	7	7	00	00	96	03	9	960	85	5	6	6	2	0	77	86
	Sialkot	000	0	0	00	00	97	00	0	957	86	0	0	9	0	0	76	85
Rawalpindi	Jhelum	069	8	6	13	05	98	01	9	971	//	4	4	6	7	0	84	84
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rawalpindi	016	8	6	09	02	99	03	6	970	84	0	0	9	6	0	75	84
	Campbellpur																	
Sargodha	Khushab	000	0	8	09	//	96	13	2	967	81	8	5	9	0	0	81	82
	Sargodha	145	9	7	09	02	97	17	9	967	80	7	3	4	7	0	76	83
	Lyallpur	078	7	6	36	07	96	51	9	967	77	6	9	7	0	0	68	82
Multan	Sahiwal																	
	Multan	000	0	7	09	07	97	03	2	952	93	4	9	6	2	2	75	//
	Leiah																	
Bahawalpur	Khanpur	000	0	7	23	03	97	02	2	929	00	4	8	6	0	1	73	02
	Bahawalpur	0 0	6	1	03	00	94	08	9	814	56	0	0	9	0	0	51	02
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chakdra	000	0	7	23	02	97	02	2	954	83	7	3	9	5	0	77	82
	Peshawar	000	0	7	00	00	97	02	2	947	'0	5	6	4	3	0	75	90
	Haripur	000	8	8	23	05	97	03	2	964	87	8	0	9	7	0	73	87
D. I. Khan	Bannu	000	0	8	00	00	97	04	2	956	86	9	5	6	0	0	73	86
	D. I. Khan	000	3	8	00	00	97	03	2	960	86	0	0	8	4	0	76	90
Quetta	Sibi	000	0	4	18	03	97	03	1	923	03	0	4	9	2	2	56	09
	Nokkundi	000	0	4	13	03	96	01	2	8/5	09	4	5	6	0	0	51	09
Kalat	Turbat	000	0	3	18	07	96	01	1	973	86	3	0	9	5	0	73	86
	Jiwani	000	0	4	25	14	97	02	0	986	78	4	0	9	0	0	76	94
	Pasni	080	0	4	25	09	96	02	2	982	//	1	6	6	0	0	80	85
Karachi division	Ormara																	
	Lasbela																	
	Karachi (Manora)	000	0	4	25	05	96	03	0	971	87	0	0	9	0	4	78	88
	Karachi (Ariport)	000	0	6	27	12	96	02	2	965	87	2	5	5	3	1	73	90
Hyderabad	Nagarparker	000	0	6	05	02	96	02	0	999	93	6	6	6	0	0	93	96
	Chhor	000	0	5	23	07	96	02	2	951	95	5	5	6	0	0	77	96
	Hyderabad	000	0	3	23	10	97	01	1	951	93	1	2	3	6	0	75	97
	Badin	000	0	6	23	08	96	03	0	831	90	0	0	9	0	6	79	92
Khairpur	Padidan	000	0	5	23	05	97	03	1	929	01	3	4	7	3	0	75	02
	Nawabshah	000	0	6	13	10	96	03	1	935	00	3	2	9	0	4	76	02
	Sukkur	000	8	7	13	02	96	03	2	930	07	7	0	9	9	0	78	08
	Kashmore	C00	0	6	18	03	98	03	2	946	96	0	0	9	0	6	81	08
	Jacobabad	000	0	0	09	03	97	03	0	927	01	1	1	6	0	4	80	01
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	007	3	9	13	03	//	//	/	412	64	9	/	0	/	/	64	65
Peshawar	Drosh *	000	0	7	23	12	99	02	0	335	98	1	1	7	0	0	50	05
	Cherat *	000	0	8	18	02	92	02	2	4:6	69	8	1	0	0	0	69	69
	Kakul *	072	4	6	18	03	98	01	6	413	80	6	3	5	0	0	70	87
	Landikotal *	000	0	6	31	05	94	03	2	390	79	0	0	0	0	0	73	94
	Prachinar *	000	0	4	16	05	96	01	2	492	78	3	2	6	0	0	68	82
D.I. Khan	Miranshah *	000	0	8	05	05	96	03	0	401	87	8	9	0	0	0	73	81
	Wana *																	
Quetta	Fort Sandeman *	050	1	8	13	03	97	29	9	382	//	6	9	6	2	/	67	04
	Hindubagh *	000	0	7	16	03	92	03	0	392	90	7	3	4	0	0	54	92
	Loralai *	000	0	8	27	02	98	01	0	398	88	0	1	8	0	8	83	94
	Barkhan *																	
	Harnai *	000	0	6	00	00	96	03	2	358	91	0	0	9	0	0	68	93
	Samungli (Quetta) *	000	0	4	C0	00	96	05	1	363	94	4	3	7	1	0	58	96
	Chaman *	000	0	0	03	00	97	00	0	372	03	0	0	9	0	0	69	98
	Nushki *	000	0	0	31	05	97	02	0	468	03	0	0	9	0	0	83	01
	Dalbandin *	000	0	0	13	02	96	02	0	481	03	0	0	9	0	0	61	04
Kalat	Kalat *	000	3	9	16	03	95	02	0	382	74	0	8	9	0	0	66	93
	Khuzdar *	000	0	4	13	05	97	03	0	371	93	4	5	6	0	0	63	93
	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 † Wc (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (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, 1969 to-date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1969 to-date (41)	Rainfall Annual Normal (42)
Chittagong	Rangamati	000	9	6	18	02	98	03	9	040	84	3	4	6	7	4	75	81	—	—	46.7	—	53.2	—
	Cox's Bazar	074	6	6	13	10	96	50	6	029	82	6	5	4	3	0	79	77	+ 3	+ 1	35.0	−23.9	42.7	140
	Chittagong	000	0	7	13	05	96	02	2	031	84	3	4	4	3	0	77	79	+ 4	+ 2	12.9	−25.6	66.1	108
	Maijdee Court	010	9	6	17	02	97	03	2	019	90	4	2	5	2	0	77	79	+ 1	+ 1	70.8	+32.7	83.0	115
	Comilla	000	0	3	18	05	96	02	0	027	84	3	4	7	0	0	72	77	0	0	50.8	+20.4	70.0	94
	Brahmanbaria	000	0	6	13	02	97	03	1	024	84	6	5	5	0	0	72	81	—	—	26.4	+ 3.6	36.0	78
	Sylhet	182	9	8	05	05	96	56	2	037	77	7	3	/	/	/	//	76	—	—	56.1	—	94.0	—
	Srimangal	007	3	7	09	02	//	//	/	047	84	5	9	5	7	2	79	77	0	+ 1	34.5	+ 4.4	55.9	98
Dacca	Mymensingh	000	0	6	10	32	97	02	2	030	84	6	5	5	0	0	81	81	+ 2	+ 3	29.6	− 0.3	44.7	91
	Narayanganj	000	0	8	19	08	97	52	5	///	87	7	5	5	3	1	75	81	+ 2	+ 2	22.2	− 0.7	455 1	74
	Dacca (Tezgaon)	000	0	7	13	05	97	02	2	022	82	5	6	3	7	0	79	81	—	—	19.2	—	31.0	—
	Faridpur	005	0	8	16	05	97	60	2	012	84	6	4	5	1	0	81	81	− 1	+ 2	19.6	− 2.8	33.2	71
Khulna	Barisal	000	0	4	13	02	97	02	2	019	84	6	4	5	0	0	81	81	0	+ 2	28.0	− 0.1	37.9	81
	Khulna	000	0	6	13	05	97	03	0	003	82	0	4	4	0	4	//	81	+ 2	+ 3	17.5	− 6.2	23.6	68
	Satkhira	000	0	8	00	00	97	03	1	014	84	8	5	5	2	0	79	81	+ 3	+ 3	15.4	− 7.4	20.7	65
	Jessore	002	0	7	06	05	97	03	2	016	85	5	6	3	2	8	84	79	—	—	20.6	− 1.1	22.0	65
Rajshahi	Pabna	000	0	5	09	02	98	03	1	016	85	5	8	9	0	0	82	79	—	—	15.9	—	29.6	59
	Sirajganj	000	0	4	13	02	98	02	2	020	84	4	0	7	4	0	79	//	− 1	/	19.3	− 2.2	26.0	64
	Rajshahi	001	9	6	13	03	96	03	1	020	84	5	5	5	2	/	79	79	+ 1	+ 1	24.2	+ 4.2	38.3	—
	Bogra	000	0	6	09	02	96	01	2	022	84	8	1	9	3	0	81	//	+ 1	/	16.8	− 5.8	27.8	69
	Dinajpur	020	3	5	13	02	96	01	1	016	86	5	5	6	/	/	79	81	+ 1	+ 2	36.4	+10.6	59.4	72
	Rangpur	000	0	4	09	06	96	03	0	012	87	2	2	6	1	0	81	82	+ 8	+ 3	39.5	+ 8.4	58.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	107	6	7	13	02	97	02	9	984	79	3	5	6	7	0	74	73	− 13	− 6	6.7	− 0.8	11.3	19
	Sialkot	050	0	2	02	05	97	00	0	088	69	0	0	9	0	0	71	56	− 12	—	2.8	− 6.2	7.4	32
Rawalpindi	Jhelum	282	6	8	00	00	96	95	9	009	76	5	9	5	2	/	73	73	—	—	10.6	—	18.9	—
	Islamabad	305	9	8	00	00	95	62	6	///	76	4	8	5	/	/	//	73	—	—	9.7	—	16.7	—
	Rawalpindi	016	0	6	00	00	99	02	2	989	81	6	2	7	0	0	77	75	− 13	− 2	5.4	− 3.1	15.5	36
	Campbellpur																							—
Sargodha	Khushab	///	0	8	03	//	97	03	2	998	79	8	5	8	0	0	79	77	− 20	− 5	0.1	− 4.2	3.5	15
	Sargodha	064	5	7	09	02	97	02	9	981	79	7	3	3	2	0	79	75	—	—	0.7	—	4.1	—
	Lyallpur	263	9	6	36	02	96	20	9	968	82	6	7	7	0	0	62	79	− 19	− 3	4.7	− 1.2	7.7	12
Multan	Sahiwal																							10
	Multan	006	5	7	00	00	97	//	9	997	82	3	5	6	7	3	79	81	/	− 4	7.8	+ 5.9	10.9	7
	Leiah																							8
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	− 2					6
	Bahawalpur	060	9	/	10	00	94	05	6	981	81	0	0	9	/	5	79	77	0	− 6	0.6	− 1.4	1.9	6
	Fort Abbas	000	0	0	23	02	98	00	0	955	87	0	0	9	0	0	85	79		—	0.0		0.2	8
Peshawar	Chakdra	0°0	0	6	00	00	97	02	2	974	77	6	0	9	6	0	74	73	—	—	1.7	—	12.8	—
	Peshawar	000	0	7	31	02	97	03	2	987	82	5	6	4	3	0	75	79	− 11	− 1	2.8	+ 1.6	11.5	11
	Haripur	008	4	6	05	01	97	03	2	987	81	6	5	6	0	●	84	79	—	—	0.7	—	10.9	—
D. I. Khan	Bannu	000	0	7	00	00	97	02	2	982	81	2	2	7	0	8	75	81	—	—	0.1	—	3.9	11
	D. I. Khan	000	3	8	05	02	96	03	2	888	C0	0	0	9	0	0	75	85	− 13	+ 2	0.3	− 2.0	2.7	9
Quetta	Sibi	///	0	6	18	03	97	03	1	976	86	4	2	9	4	2	56	77	—	—	0.2	—	0.2	5
	Nokkundi	000	0	6	36	10	96	C3	2	945	91	6	0	9	3	0	62	88	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	4	13	09	96	01	2	995	83	4	6	5	0	0	74	81	—	—	0.0	—	2.0	5
	Jiwani	000	0	4	05	04	97	02	0	996	79	4	0	9	0	0	78	76	+ 4	− 2	0.0	− 0.6	0.0	6
	Pasni	000	0	4	00	00	96	●2	2	007	81	1	6	6	3	0	80	//	—	—	0.0	− 0.6	0.6	6
Karachi division	Ormara																							
	Lasbela																							8
	Karachi (Manora)	000	0	5	31	07	96	01	0	995	83	3	6	4	0	4	77	82	+ 2	+ 1	10.3	− 2.1	1.1	8
	Karachi (Ariport)	000	0	7	27	07	96	03	1	996	83	2	6	5	3	0	75	77	—	—	1.5	—	1.6	—
Hyderabad	Nagarparker	000	0	6	05	02	96	02	0	031	83	8	6	6	0	0	74	80	—	—	0.1	—	0.1	—
	Chhor	000	0	5	23	24	96	02	2	985	82	5	6	5	0	0	76	80	—	—	0.2	—	0.3	7
	Hyderabad	000	0	3	23	09	97	02	0	980	85	1	6	5	0	1	76	81	− 1	0	0.2	− 3.5	0.3	9
	Badin	C00	0	0	23	C4	96	02	0	014	82	0	0	9	0	0	76	81	− 1	0	0.3	− 3.5	0.3	—
Khairpur	Padidan	000	0	2	13	02	97	01	1	968	85	2	0	9	3	0	73	81	—	—	0.8	—	0.8	—
	Nawabshah	000	0	2	18	03	96	02	0	970	85	0	0	9	0	1	75	83	—	—	1.0	—	1.1	4
	Sukkur	000	9	6	13	03	96	03	2	969	85	6	0	9	6	0	75	82	—	—	0.0	—	0.0	—
	Kashmore	000	0	0	18	02	98	02	2	976	86	0	0	9	0	0	76	80	—	—	0.0	—	0.0	4
	Jacobabad	030	0	7	18	03	96	03	2	970	87	7	0	9	5	0	76	85	− 6	+ 1	0.5	− 0.6	0.8	20
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							3
	Dras **																							6
	Leh **																							—
	Skardu *																							—
	Misgar **																							5
	Aliabad *																							59
	Gilgit *																							
Rawalpindi	Murree *	019	9	8	09	05	97	03	6	443	62	8	5	4	/	/	62	60	− 8	+ 2	5.3	− 8.3	24.0	18
Peshawar	Drosh *	000	0	2	00	00	99	01	0	405	80	2	2	7	0	0	63	76	+ 8	+ 3	1.0	—	12.2	29
	Cherat *	003	0	8	11	02	92	10	0	432	69	8	6	1	0	0	69	//	− 20	/	0.5	− 3.9	9.9	—
	Kakul *	029	9	7	27	02	96	03	2	428	73	7	3	4	0	0	69	73	—	—	2.4	—	18.2	—
	Landikotal *	000	0	6	36	02	94	03	2	417	//	/	/	/	/	/	73	//	—	—	0.8	—	11.3	29
	Prachinar *	017	3	7	11	05	96	02	9	427	72	5	7	5	7	0	70	72	− 4	+ 6	2.6	—	13.3	13
D.I. Khan	Miranshah *	000	0	8	05	05	96	03	0	414	78	8	0	9	0	0	69	73	—	—	0.5	− 1.5	2.0	11
	Wana *																							11
Quetta	Fort Sandeman *	050	9	5	31	03	97	01	9	407	76	4	4	7	3	0	68	68	+ 7	− 6	1.4	− 0.8	5.7	9
	Hindubagh *	030	0	0	00	00	96	02	0	436	75	0	0	9	0	0	66	60	—	—	2.5	—	5.8	—
	Loralai *	000	0	4	18	02	98	01	0	400	80	0	1	8	0	4	45	58	—	—	0.6	—	0.6	14
	Barkhan *																							9
	Harnai *	000	0	0	00	00	96	00	2	393	80	0	0	9	0	0	73	//	—	—	0.9	− 2.0	2.6	8
	Samungli (Quetta) *	000	0	7	18	03	96	05	0	437	77	0	0	9	0	2	71	72	—	—	0.5	− 0 0	3.1	—
	Chaman *	030	0	0	18	03	97	00	0	392	71	0	0	9	0	0	69	83	− 3	+ 8	0.0	− 0.1	2.7	4
	Nushki *	000	0	2	23	05	97	02	0	437	86	0	0	9	0	0	68	82	—	—	0.5	—	2.7	7
	Dalbandin *	000	0	2	13	05	96	03	1	397	91	0	0	9	2	0	67	78	− 5	+ 2	0.0	− 0.0	0.5	—
Kalat	Kalat *	046	0	9	11	02	95	02	2	478	68	0	0	9	8	0	61	59	+ 2	− 3	0.6	− 0.1	1.9	5
	Khuzdar *	036	9	7	00	00	96	01	9	399	75	3	5	6	2	0	64	71	—	—	1.7	—	2.0	—
	Panjgur *																							

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 25th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Bombala	99 2 51	10 6 00	24 0 03	42 3 06	98 0 11	98 3 29	23 4 7/	63 4 02	...	...	05 6 26	...	30 6 01	23 7 02
City of Brown	99 2 41	10 6 70	24 0 03	82 2 18	97 0 52	01 5 27	28 2 //	...	...	84 7 02	C5 3 25	12 8 96	33 3 03	26 6 03
Ghardina	99 2 11	10 6 50	24 0 63	82 5 18	97 2 51	03 6 28	53 4 07	...	...	83 2 C6	0/ / 25	12 7 23	30 2 02	25 6 08
Bombala	99 2 54	10 5 83	24 0 63	61 6 04	98 2 21	99 1 30	21 4 01	63 1 05	...		05 1 23		33 4 C0	16 7 02
Croixd	99 2 12	10 5 95	24 1 23	71 8 15	97 0 22	94 5 74	70 6 50	14 7 18	...	...	00 4 22	12 2 02	30 4 02	17 0 06
Cementla Holh	99 1 91	10 5 84	24 1 23	02 0 24	96 1 C0	98 0 26	C0 0 00	13 7 40		...	00 3 23		30 5 04	29 1 C6
Tahama	99 0 75	10 5 30	24 1 23	62 2 24	98 0 22	96 2 76	32 4 40	13 7 18		...	0/ / 21	12 6 04	30 3 02	23 8 06
Fabiola	99 2 31	10 5 95	24 1 23	29 9 02	98 0 20	96 5 27	20 6 05	—	74 7 25	..	00 3 24	12 7 05	33 0 03	...
Biyomaree	99 2 11	10 6 21	21 1 83	83 1 29	96 0 03	00 0 25	97 3 00	...	73 8 15	...	05 7 23	12 9 05	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	999 272 20	...	405 178 00	C87 102 45	581 045 31	754 153 57	967 277 56	245 503 //	426 671 //	...	...	...	...
Dacca ...	C0 00	C01 300 02	...	400 218 34	104 120 57	587 170 17	763 093 58	983 225 //	265 451 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	996 272 22	...	400 184 15	967 074 51	566 081 //	737 151 //	947 271 //	229 415 //	...	...	...	...	—
Multan ...														
Peshawar ...	00 00	958 022 04	...	400 216 26	/// 144 25	578 051 58	752 081 //	971 191 //	263 /// //	450 421 //	..	...	...	...
Quetta ...	00 00	812 228 23	...	/// /// //	/// 295 25	590 072 //	771 014 //	982 015 //	...	...	...	...	...	...
Sargodha ...	00 C0	585 254 56	...	470 210 35	124 090 30	582 091 //	251 175 //	962 281 //	246 375 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.									Max. Wind Speed	TROPOPAUSE	
		PPP TT T_a DD									PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 200 03	800 160 31	600 040 38	550 000 39	350 207 56	212 009 99	...	...	...	...	...	...
Dacca ...	00 00	...		...	...	...	...	...	...	..	...	—	...
Gilgit ...													
Jiwani ..													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	—	...	...
Multan ...													
Peshawar ...	03 00	...		...	...	—	...	...	...	...	...	...	...
Quetta ...	C0 00	800 214 05	600 136 //	350 059 //	...	...	...	..	...	...	—	...	...
Sargodha ...	C0 00	...	...	..	...	...	...	...	...	...	...	...	...

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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	135 12	145 15	160 18	160 20	165 19	—	...	...	..	120 12	120 12	120 C8	140 09	170 09	205 08	120 10	115 08		...	...	...	...	...	...	...	...
Chaklala ...		145 08	130 11	125 18	110 17	...	...		...		130 12	125 11	110 06	...	...	...	050 05	120 04	140 09	..	—	..	...	...	...	...
Chhor ...	240 14	235 14	225 15	205 12	...	...	...		...		...	...	..	...	...	220 21	220 20	225 16		...	...	..	..	...	...	..
Chittagong ...	155 10	140 13	135 13	140 18	150 15	150 05	-	...	...	...		...	...	...	...	140 12	150 15	145 15	165 13	...	...	...	.		...	..
Cox's Bazar ...	160 25	145 17	145 17	150 21	140 21	180 19	210 18	—	...	140 17	150 18	150 17	...	...	..	155 13	150 15	155 12	160 12	...	...	—	...	...	...	...
Dacca ...	160 18	160 25	160 24	165 41	165 49	165 45	165 57	165 64	155 27	115 30	120 29	130 13	130 09	120 10	175 08	135 15	135 13	140 13	140 17		...	...	...	...	...	...
Dalbandin ..	...	...	09/ /1	045 02	360 04	325 08	010 71	355 16	320 06	...	...	260 08	225 12	260 16	335 13	...		250 07	235 14	230 06	035 02	035 12	070 16	..	—	...
D. I. Khan ..	040 11	073 13	095 12	160 07	025 02	...		...	..	070 05	C90 05	040 07	110 05		...	090 07	005 02	360 03	020 07		...			...	...	...
Drosh ..	...	...	...	...	215 13	220 16	355 13	210 11	355 23	...	...	...	205 05	200 10	360 05	...	...	...	240 06	...	360 05		020 26	.	330 14	305 37
Fort Sandeman ...	...	...	...	185 13	155 09	060 08	260 11	...		...			035 03	245 04	...	...	...	..	355 02	310 03	105 03	020 08	325 15	305 21		...
Jacobabad ...	170 09	180 06	190 09	205 04	145 04	070 05	045 21	035 25	025 30	050 01	205 04	160 06	165 05	135 02	125 02	120 06	135 04	140 04	140 04	125 04	090 18	025 23	C40 23	290 10	080 02	325 11
Jessore ...	140 11	145 19	155 24	180 31				...	...	120 16	125 12	125 11	100 09	...	...	140 12	150 15	145 16	140 15	125 14	135 15	...	...	...	...	...
Jhelum ...	130 11	130 13	125 17	095 17	115 11	135 07	C85 25		..	100 15	115 21	130 18	115 17	100 15	...	[illegible] 15	115 22	115 22	..	...	...	...	...	...	...	..
Jiwani ...	160 08	115 10	095 //	C85 13	060 17	060 22	095 06	035 08	055 09	140 C9	140 09		...	.	...	100 09	090 13	...	.	...	...	...	...	...	...	...
Karachi ...	255 30	255 17	255 13	240 13	...		...			...		...		...		270 21	270 22	270 15		...	..	..	...	...		...
Khanpur ...	260 13	260 12	255 13	250 15	235 12	215 10	..	...	...	210 12	220 14	205 16	200 12	...	...	245 08	255 10	255 C8	285 05	...	...	...	...	...		...
Lahore ...	C80 08	115 07	125 13	...	...	...		.	...	170 03	215 05	215 04	230 03	220 05	...	095 04	075 06	070 07	...	...	..	...	...	...	..	...
Multan ...	105 12	110 10	120 10	205 02	240 04	355 05	335 13	..	...	083 04	055 02	345 01		...	...	..	..	..		..	...	...	...	..	...	..
Nawab Shah .	170 14	170 07	195 14	180 06	205 05	...	...		...	280 08	345 05	015 03	195 14	215 10	280 05	060 C8	180 04	020 09	035 11	045 12	045 11	C85 09	065 12	085 08	105 08	.
Panjgur ...	—	...	...	...	...	...	...	...	..	...		...	...	...		...	...									
Peshawar ...	...	...	..	..		...	...				005 05	/// //	045 C8	045 08	355 11	...	025 02	165 03	110 09	335 03	275 02	010 16	355 12	300 13	315 16	...
Quetta ..	...	...	..	...	295 05	325 03	005 15	335 13	330 09	No	Ascent		...	...	...				...	C50 03	025 C4	310 09	305 13	340 13	..	...
Sargodha ...	.	...			...	...		...	...	295 03	050 07	055 06	...	—	...	035 10	031 02	030 10	...	...	...	...	...	...	...	...
Sylhet ...	305 02	250 C6	240 07	220 09	...	...	...	..	...	No	Ascent	...	...	...	...	095 05	105 02	180 06	115 11	185 C8	...	..	...	—	.	...
Veraval .	...	...		..		.		...	...	...	.	-	...	.	.	...	...	...	..	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ... Dacca ... F.R. Sargodha ... Karachi ... Peshawar ... Quetta	255 17	255 17	260 18	270 20	215 17	075 13	085 16	055 12	045 13	070 26	..	...	...	...	...	...	...	...

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

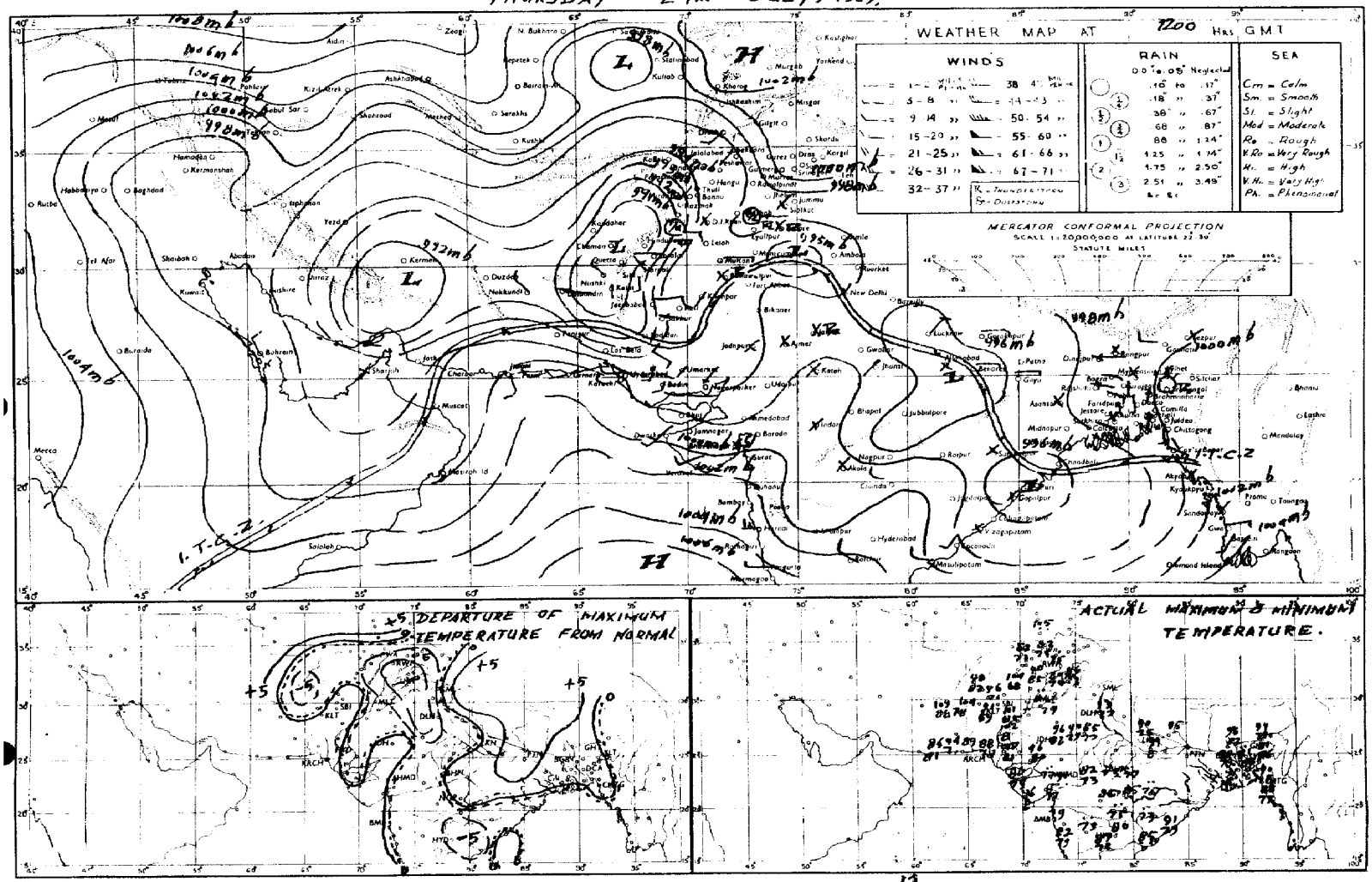
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

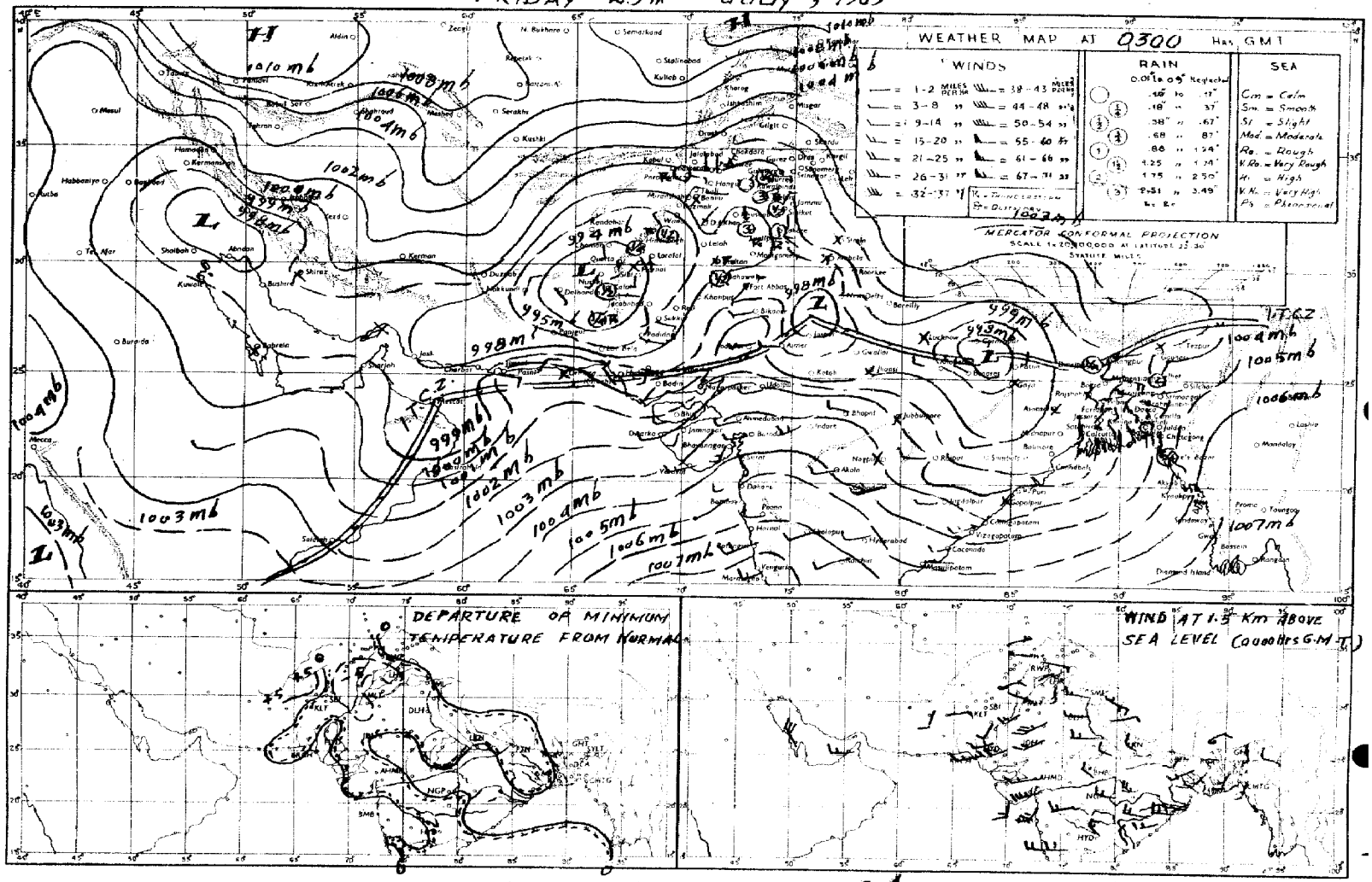
THURSDAY 24th JULY, 1969.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 25th JULY, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SATURDAY THE 26th JULY, 1969.

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

Observations meagre but believe yesterday's low pressure area now lies over East Uttar Pradesh and adjoining Bihar while a trough of low pressure has developed over north west Bay of Bengal. Monsoon is generally weak over East Pakistan. Rain/thundershowers have been local over Chittagong, Dacca divisions and scattered over Khulna and Rajshahi divisions. Monsoon generally moderate over northern parts of West Pakistan. Rain/thundershowers have been fairly widespread in Lahore, division local in Rawalpindi and Bahawalpur divisions and scattered in Sargodha Peshawar, Quetta and Kalat divisions.

Chief amounts of rainfall are : Lahore 1½", Murree (upto 000Z) 3/4", Maijdee Court ½", Narayanganj (upto 000Z) ½", Bogra and Kalat ¼" and Fort Abbas (upto-1200Z) only ¼".

Day temperatures were 3—4 °F (2 °C) above normal over Chittagong division and 14—22 °F (8—12 °C) below normal over Lahore division and 12—14 °F (6—8 °C) in Sargodha division and 3—7 °F (2—4 °C) below normal over D. I. Khan, Peshawar, Rawalpindi, Multan, Quetta, Kalat, Khairpur divisions and were practically normal at other places.

Forecast valid until the evening of 27th July 1969 :-- Rain/thudershowers are likely to be local in Lahore, Rawalpindi, Sargodha and Peshawar divisions and Kashmir and scattered over East Pakistan, Quetta, D. I. Khan, Multan and Bahawalpur divisions.

Earth Quake Report: The seismograph of geophysical centre Quetta recorded an earth quake of severe intensity on 26th July 1969 at 03 Hrs 57 Min. W.P.S.T. The **Epicentre** lies about 2800 miles south east of Quetta near south China sea region.

Karachi-11
The 26th July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Winds speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths) *	Dry Bulb temperature °	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at †	Total clud 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	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	h	C L	h	C M	C H	TdTd	TnTn	TxTx	TnTn				
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000		7	18	02	98	02	6	012	85	5	3	6	7	/	78	91	008	9	5	18	02	98	02	9	041	84	3	4	7	2	0	77	89	—	—	46 8	—	53.3	—
	Cox's Bazar	005	5	6	18	15	96	02	2	999	85	3	4	4	3	8	80	86	005	1	4	13	18	95	01	2	025	84	3	2	5	1	0	77	78	—	—	35.1	—25.2	42.7	140
	Chittagong	009	0	6	18	08	96	02	2	004	85	4	4	4	3	0	77	90	000	0	6	13	05	96	03	1	027	87	3	2	4	0	0	77	78	+ 1	+ 2	35.1	—27.4	66.1	148
	Maijdee Court	019	0	4	18	02	97	02	1	974	86	2	1	5	2	0	79	87	038	9	7	18	02	97	03	2	024	84	5	4	6	0	0	69	81	+ 1	3	71.2	+32.2	83.0	115
	Comilla	000	0	4	00	03	96	02	/	951	87	4	4	7	0	0	79	90	020	7	4	18	05	96	02	/	027	82	0	4	6	0	0	79	77	+ 3	0	51.0	+99.9	70.0	54
	Brahmanbaria	000	0	5	18	02	99	03	/	998	86	5	5	5	0	0	81	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	78
	Sylhet	000	0	6	00	00	96	02	2	998	87	5	4	4	0	3	78	87	034	3	8	09	03	96	91	2	028	81	6	4	2	2	2	77	79	—	—	56.4	—	94.3	—
	Srimangal	007	9	6	13	02	96	02	6	006	86	2	8	4	7	2	81	90	000	0	6	00	00	96	02	0	038	82	3	5	5	2	2	77	78	— 1	+ 2	34.5	+ 4.0	56.9	58
Dacca	Mymensingh	000	0	7	13	05	97	02	2	001	86	7	5	5	0	0	78	87	030	0	6	13	02	97	02	2	033	86	6	5	5	0	0	79	81	— 1	+ 3	30 0	— 0.6	44.7	91
	Narayanganj	047	5	7	13	03	96	03	6	006	85	5	2	5	3	0	78	90	029	1	8	31	02	97	21	6	026	82	8	6	3	/	/	78	80	+ 2	+ 1	22.5	— 0.8	455 8	74
	Dacca (Tejgaon)	003	6	6	18	02	97	02	6	993	85	2	2	5	3	0	78	87	004	3	7	00	03	97	02	6	024	82	4	8	5	7	4	79	80	—	—	19.2	—	21 0	—
	Faridpur	000	0	8	16	02	97	02	2	996	85	7	5	4	1	0	82	85	000	0	5	11	02	97	02	2	015	84	3	4	5	1	0	79	81	— 3	+ 2	19.6	— 3.3	33.2	71
Khulna	Barisal	016	9	7	00	00	97	21	6	952	82	4	8	4	2	1	80	87	016	0	6	09	02	97	02	2	020	84	4	5	4	1	0	79	80	28.2	— 0.6	38.1	81
	Khulna	000	0	6	13	05	97	03	0	993	87	4	2	4	0	0	85	87	000	0	4	13	05	97	03	0	996	87	0	4	6	0	0	81	81	— 1	+ 3	17.5	— 7.2	23.6	68
	Satkhira	010	2	6	00	00	97	03	5	983	85	6	5	5	0	0	80	90	010	0	4	00	03	97	03	/	613	87	4	4	6	2	0	81	81	— 1	+ 3	17.5	— 7.2	23.6	68
	Jessore	002	7	6	18	09	97	12	4	980	86	4	3	4	3	1	80	91	002	0	6	08	05	97	02	2	015	84	/	/	/	/	/	79	79	—	—	20.6	— 1.5	29.0	65
Rajshahi	Pabna	000	0	3	13	02	98	01	2	950	86	3	4	7	0	0	85	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	59
	Sirajgan	000	0	2	18	02	97	01	/	999	86	2	2	7	0	0	79	87	000	9	6	09	02	98	03	2	021	86	6	0	7	4	0	79	82	— 1	+ 3	19.3	— 2.5	26.0	64
	Rajshahi	002	7	6	07	03	96	03	6	982	87	4	2	5	2	/	78	97	001	9	5	13	03	96	03	9	021	84	3	5	5	2	0	79	81	+ 2	— 3	24 2	+ 3.2	38.3	—
	Bogra	000	0	5	09	02	96	02	/	989	87	2	2	5	0	/	81	90	033	9	6	23	02	96	02	6	022	84	6	8	4	2	0	81	//	+ 1	—	17.2	— 6.0	28.2	69
	Dinajpur	000	9	5	13	02	96	//	/	978	90	2	5	6	2	/	78	91	000	3	6	00	00	96	02	2	012	84	2	4	6	2	/	79	79	+ 1	+ 2	36.4	+ 9.8	59.4	72
	Rangpur	000	0	2	00	00	96	01	/	958	86	2	2	0	9	1	0	76	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	81	...	0	—	—	—	84
Kashmir	Jammu	...																	...																						
Lahore	Lahore (Intl Rd.)	006	8	6	09	03	96	01	6	963	82	3	0	6	9	7	0	77	85	162	4	7	05	02	96	60	9	982	84	6	6	5	2	0	77	77	— 14	— 2	8.4	— 2.2	13.0	19
	Sialkot	322	0	0	20	15	97	00	0	///	69	0	0	9	0	0	49	75	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 22	...	...	...	32
Rawalpindi	Jhelum	003	6	5	13	07	97	02	6	970	85	5	7	6	6	0	//	85	000	0	3	00	00	97	03	0	003	00	1	5	7	8	6	75	78	—	—	10.6	—	19.0	—
	Islamabad	...																	...																						
	Rawalpindi	000	0	3	09	02	99	02	1	967	86	3	2	7	0	0	76	90	000	0	/	21	02	99	00	2	997	80	2	0	9	3	0	76	77	— 7	0	5.4	— 3.4	15 5	36
	Campbellpur	...																	...																						
Sargodha	Khushab	000	0	5	09	//	97	02	2	958	87	2	3	8	2	0	82	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 12	...	...	...	15
	Sargodha	000	0	7	05	12	97	13	2	957	87	4	3	6	3	0	78	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	
	Lyallpur	002	2	6	34	02	96	02	5	964	82	6	7	7	0	0	72	87	002	9	6	36	02	96	50	5	987	80	6	7	7	0	0	73	76	— 14	— 6	4.7	— 1.1	7.7	12
Multan	Sahiwal	...																	...																						
	Multan	000	0	3	00	00	97	01	2	950	93	1	8	6	3	1	78	95	000	0	2	00	00	97	01	0	978	87	2	0	9	3	0	80	82	— 7	— 3	7.8	+ 5.8	10.8	10
	Leiah	...																	...																						7
Bahawalpur	Khanpur	000	0	7	00	00	97	17	2	937	03	6	9	6	3	/	73	03	000	9	4	23	03	97	02	9	976	70	0	0	9	0	1	73	82	— 1	— 1	0.0	— 2.1	10.0	6
	Bahawalpur	050	0	3	00	00	96	00	0	970	02	0	0	9	3	0	73	//	000	0	1	00	00	96	00	0	989	90	0	0	9	0	1	78	78	—	— 1	0.6	— 1.5	1 8	6
	Fort Abbas	021	9	7	00	00	97	90	0	957	82	0	0	7	7	0	78	85	///	/	/	18	03	98	00	0	965	90	0	0	9	0	0	78	77	—	—	0.0	—	0.2	8
Peshawar	Chakdra	000	0	2	23	32	97	03	0	934	90	2	1	7	0	0	80	00	000	0	6	27	02	97	02	1	678	78	6	0	9	6	0	73	76	—	—	1.6	—	12.8	—
	Peshawar	...																	...																						11
	Haripur	000	1	4	23	03	97	01	5	946	89	4	2	6	0	0	73	93	000	4	6	36	01	97	03	5	000	78	6	5	6	0	0	72	73	—	—	0.7	—	10.8	—
D. I. Khan	Bannu	000	0	3	13	02	98	02	1	937	96	3	0	2	7	0	0	72	98	030	0	6	31	01	98	03	2	982	85	2	2	7	4	0	76	82	—	—	0.1	—	4.0	11
	D. I. Khan	000	0	0	00	00	98	00	0	942	98	0	0	0	9	0	82	98	000	3	8	00	00	97	03	2	998	00	0	0	8	0	0	78	73	— 5	— 2	0.3	— 2.2	2.7	9
Quetta	Sibi	000	0	8	23	03	97	03	1	940	99	6	4	2	9	4	2	48	05	000	0	6	00	00	97	03	1	979	86	4	2	9	4	2	58	82	—	—	0.2	—	0.2	5
	Nokkundi	000	0	4	31	05	95	05	2	882	09	4	5	6	0	0	45	09	000	0	5	36	03	96	03	0	944	92	5	5	6	0	0	47	89	—	—	0.0	—	0.3	2
Kalat	Turbat	...																	...																						
	Jiwani	000	0	4	13	10	96	01	1	981	85	7	6	5	5	/	73	88	000	0	8	00	00	96	03	2	016	82	5	6	5	/	/	73	81	—	—	0.0	—	2.0	—
	pasni	000	0	4	25	04	97	02	0	309	00	/	/	/	/	/	//	//	000	0	4	23	00	97	02	0	015	81	0	4	9	0	0	79	78	—	/	0.0	— 1.0	0.0	6
Karachi division	Ormara	000	0	2	25	07	96	02	2	991	88	1	6	6	3	0	81	89	000	0	5	25	05	96	06	6	023	82	2	6	6	0	0	82	16	—	—	0.0	— 0.6	0.6	6
	Lasbela	///	0	0	13	03	97	00	0	951	95	0	0	8	0	0	76	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
	Karachi (Manora)	000	0	6	27	02	97	03	2	973	86	1	0	8	0	0	78	87	000	0	6	27	05	96	02	2	011	83	6	0	9	3	0	77	81	+ 1	+ 1	10.0	— 2.3	1.1	8
	Karachi (Airport)	000	0	4	23	12	96	03	2	980	89	1	1	7	0	0	73	91	000	0	6	27	10	96	03	0	009	86	3	6	5	2	0	75	79	—	—	1.5	—	1.5	8
Hyderabad	Nagarparkar	000	0	6	23	02	96	02	0	019	91	6	5	6	6	0	74	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	7
	Chhor	000	0	5	23	10	96	01	2	980	09	5	5	6	0	0	77	93	000	0	1	23	16	96	03	0	988	84	1	6	5	0	0	77	81	—	—	0.2	—	0.3	9
	Hyderabad	000	0	2	23	10	97	01	0	954	97	1	0	7	9	3	0	73	99	000	0	3	23	09	97	03	0	996	86	0	0	0	0	0	77	82	+ 1	+ 2	0.2	— 2.6	0.3	
	Badin	000	0	6	23	08	96	03	2	998	92	0	7	9	3	0	75	93	000	0	0	23	//	96	00	1	928	//	0	0	9	0	0	77	79	0	— 2	0.3	— 3.6	0.3	—
Khairpur	Padidan	000	0	2	13	02	97	02	0	930	//	2	4	7	3	0	70	05	000	0	3	18	03	97	02	0	982	88	1	0	5	7	3	0	75	83	—	—	0.8	—	0.8	—
	Nawabshah	000	0	4	00	00	96	10	3	942	01	4	2	9	0	0	74	04	000	0	3	18	07	96	03	0	984	86	0	0	9	0	1	76	83	—	—	1.0	—	1.1	4
	Sukkur	000	8	7	13	03	96	03	2	933	01	7	0	9	9	0	77	03	000	9	6	30	15	96	03	2	997	88	6	0	9	9	0	75	80	—	—	0.0	—	0.0	—
	Kashmore	000	0	6	18	02	98	03	2	950	96	0	0	9	0	0	78	97	000	0	0	18	02	98	02	2	983	86	0	0	9	0	0	74	84	—	—	0.0	—	0.0	4
	Jacobaba	000	0	7	18	03	97	03	1	938	01	2	2	6	1	4	77	01	030	9	3	09	03	96	02	5	983	89	3	0	9	4	0	80	79	— 6	— 1	0.5	— 0.6	0.8	20
unagadh	Veraval	...																	...																						26
	HILL STATIONS																																								
Kashmir	Srinagar *	...																																						71
	Gulmarg **	...																																						26
	Sonamarg **	...																																						3
	Dras **	...																																						6
	Leh **	...																																						—
	Skardu *	...																																						5
	Misgar **	...																																						39
	Aliabad *	...																																						
	Gilgit *	...																																						
Rawalpindi	Murree *	..	085	4	8	00	00	95	03	6	416	64	8	5	2	/	/	63	70	085	9	7	00	00	98	02	1	433	64	7	5	4	0	/	60	60	— 3	— 2	6.2	— 8.0	24.8	18
Peshawar	Drosh	000	0	3	25	14	98	01	2	353	95	3	1	7	0	0	56	00	000	0	1	00	00	99	01	0	417	80	1	2	7	0	0	60	67	+ 3	+ 4	1.0	—	12.2	—
	Cherat	000	0	4	18	08	98	01	2	418	78	4	3	7	0	0	73	82	000	0	7	18	02	96	02	2	439	70	6	3	7	6	0	70	//	— 7	/	0.5	— 4.0	9.8	29
	Kakul	000	0	8	23	02	96	03	2	431	77	8	3	7	0	0	73	83	017	9	6	13	02	98	01	6	433	73	6	3	7	6	0	67	67	—	—	2.6	—	16.3	—
	Landikotal	000	0	4	31	05	98	01	2	411	85	4	7	9	0	0	76	90	000	0	8	31	05	94	03	2	430	73	8	7	6	0	0	72	70	—	—	0.7	—	11.3	29
	Parachinar	030	0	3	13	05	97	02	0	398	82	3	8	6	0	0	84	82	000	0	6	13	02	97	01	2	431	72	4	5	6	0	0	77	76	— 4	— 2	2.6	—	13.3	13
D.I. Khan	Miranshah	000	0	4	05	05	97	02	0	400	91	4	0	3	0	0	67	93	000	0	8	05	05	97	03	0	414	80	8	0	4	0	0	72	80	—	—	0.5	— 1.6	19.6	11
	Wana *	000	8	3	13	02	99	03	2	424	91	3	3	9	3	0	85	91	000	0	0	00	00	99	00	0	455	78	0	0	6	0	0	77	76	—	—	0.2	—	3.6	11
Quetta	Fort Sandeman *	000	8	2	31	03	98	01	1	376	95	2	4	7	0	0	46	96	020	0	1	36	02	98	01	1	418	78	1	1	7	0	0	64	76	— 1	— 10	1.4	— 1.0	5.7	—
	Hindubagh *	005	0	8	13	03	94	60	0	396	92	2	8	1	8	0	63	93	015	9	0	00	00	95	02	0	457	72	0	0	9	0	0	60	60	—	—	2.7	—	6.0	9
	Loralai	000	0	8	09	02	98	01	0	370	72	0	1	8	0	0	67	91	000	0	6	27	02	98	01	0	390	73	0	1	8	0	0	65	50	—	—	1.0	—	1.0	—
	Barkhan *	...																	...																						14
	Harnai *	000	0	8	00	00	96	03	5	373	87	3	6	6	9	0	71	91	000	0	0	00	00	96	02	0	393	81	0	0	9	0	0	73	//	—	—	0.8	— 2.1	2.6	9
	Samungli (Quetta) *	000	0	8	13	10	95	05	0	374	86	3	0	6	9	0	69	98	000	0	0	13	03	95	02	0	434	74	0	0	9	0	0	68	67	—	—	0.5	— 0.1	3.1	8
	Chaman *	000	0	0	23	07	97	00	0	369	01	0	0	0	9	0	55	01	000	0	0	13	03	97	00	0	409	86	0	0	9	0	0	70	89	0	+ 14	0.0	— 0.1	2.7	—
	Nushki *	000	0	3	20	13	97	02	0	468	00	0	0	0	9	0	84	01	000	0	0	20	17	95	07	0	458	88	0	0	9	0	0	67	86	—	—	0.5	—	2.7	4
	Dalbandin *	000	0	3	20	//	96	03	0	387	05	0	2	0	9	4	2	56	05	000	0	3	18	05	95	05	0	416	88	0	0	9	0	3	64	86	— 4	+ 8	0.0	— 0.1	0.5	7
Kalat	Kalat *	000	3	9	18	02	95	21	2	413	67	0	3	6	9	0	63	88	025	0	8	23	02	96	01	2	419	70	0	5	9	0	8	61	66	+ 3	— 5	0.6	— 0.1	2.0	—
	Khuzdar *	000	0	4	00	00	97	01	2	393	87	0	1	5	6	3	0	63	87	000	0	7	23	02	96	01	2	417	//	5	5	3	6	0	69	74	—	—	1.6	—	2.0	5
	Panjgur *	...																	...																						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, ths 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 26th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	$VV\,ww\,W$	PPP TT	$N_hC_LhC_MC_H$	$D_sV_sa\,PP$	$7RR\,t_Rt_t$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Cementia Holh	59 2 35	10 5 91	25 1 23	29 9 03	97 0 11	58 0 29	00 0 02		73 7 20		05 1 25	...	30 0 00	
Dione	99 2 17	10 6 08	25 4 23	10 9 06	96 0 51	95 0 26	00 9 00				0/ / 23	12 4 50	30 2 01	20 0 04

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface (PoPoPo ToToTo DoDo)	1000 mb (hhh TTT, DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	999 266 09	...	410 186 05	C68 124 75	583 037 18	756 131 40	933 /// //	...	...	...	...	...	...
Dacca	00 00	000 278 13	...	400 184 39	076 104 56	581 039 57	755 137 59	969 261 62	250 481 //	...	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	997 280 27	...	400 174 11	021 100 //	572 071 //	742 211 //	948 325 //	229 415 //	...	...	...	...	...
Multan														
Peshawar														
Quetta	00 00	814 206 25	...	...	073 160 13	586 016 //	761 107 //	...	...	...	...	...	...	...
Sargodha														

STATION	Time of ascent in G.M.T.	At Significant Levels (PPP TT T_a DD)									Max. Wind Speed (PmPmPm dmdm fmfmfm)	TROPOPAUSE ($P_tT_tP_tT_tT_tT_{at}$)	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	900 208 10	800 154 00	600 042 32	...	...	...	...	...	...	...	.	...
Dacca	00 00	900 204 41	800 164 35	600 046 59	350 179 58	...	...	...	...		...	...	...
Gilgit													
Jiwani													
Karachi	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan													
Peshawar													
Quetta	00 00	...	...	...	...	...	...	..	...	...	...	...	...
Sargodha													

PPP—Pressure in hunderds 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.

UPPER WIND DATA

At 1200 hrs. G.M.T. † of Previous day (dd fff) and At 0000 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. → / STATION	0.3 (1200)	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3 (0000)	0.6	0.9	1.5	2.1	3.0
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra	140 15	135 16	140 16	150 15	160 11	160 11	150 04	220 09	240 06	285 07	205 07	195 04	155 03	165 07	...
Chaklala		155 14	145 12	150 10	175 09	...	...		...		260 04	105 2/	150 04	150 06	175 15
Chhor	215 15	220 18	230 17	230 07	...	...	..	...	...	225 29	230 27	220.23	160 14	125 14	050 13
Chittagong	150 08	145 12	155 13	160 27	161 34	...	.	...	...	...			...	...	
Cox's Bazar	160 13	160 19	165 21	180 28	195 22	210 29		...	...	145 17	145 13	170 13	175 12	185 17	205 17
Dacca	170 16	161 17	155 19	150 13	161 13	145 10	141 15	155 13	010 06	145 13	150 07	160 03	...	155 09	..
Dalbandin	...	...	195 06	215 09	231 11	260 11	121 11	115 19	361 13	...	...	180 05	255 07	290 05	035 07
D. I. Khan	011 /2	015 07	120 05	105 12	030 01	035 09	345 13	345 20	...	...	...	...	...		..
Drosh	...	...	...	235 16	205 09	220 0/	350 13	335 17	350 25	...	...	..	220 06	205 05	195 06
Fort Sandeman	...	...	...	015 06	360 04	020 08	345 16	315 11	331 15		.	..	215 06	50/ //	350 91
Jacobabad	155 05	170 04	160 03	180 03	030 06	030 13	360 10	003 12	355 13	110 13	070 10	030 08	350 07	340 09	355 16
Jessore	180 12	180 12	170 12	150 12	131 3/	...	...	...	...	1/5 07	190 05	185 :3	160 03	160 07	145 09
Jhelum	110 08	105 12	195 13	015 03	195 19	340 26	...		...	...	...	...	.	...	...
Jiwani	155 10	125 12	090 10	080 07	050 12	...			...	190 06	185 07	150 08	...	.	...
Karachi	250 17	260 19	261 17	260 15	211 11	050 03	015 19	155 15	045 13	...	...	...		...	
Khanpur	275 06	280 04	255 14	190 06	285 11	185 10	221 21	...	..	190 10	225 01	220 11	205 10	...	...
Lahore	.	...	...	...	...	...		~	...	No	Ascent	...		...	..
Multan	095 03	035 02	121 12	225 07	225 14	320 14	355 6/	...	...	065 03	135 04	015 04	320 59	325 10	355 17
Nawab Shah	160 01	425 01	125 03	150 01	035 05	045 16	...	..	...	245 11	225 06	285 03	020 04	035 07	045 07
Panjgur	...	...	...	...	...	...		...		...	..	...	...	...	...
Peshawar	...	045 07	115 05	170 08	291 12	340 11	335 11	311 18	240 31	...	.	...	...	...	...
Quetta	...	...	...	..	175 89	325 17	305 18	./.	...	...	.	.	...	...	...
Sargodha	070 10	090 03	191 19	105 09	131 11	025 15	125 13	...	...	...	...	...	...	...	...
Sylhet	160 01	230 13	240 07	225 06	231 15	...	...	...	...	140 01	210 07	215 10	...	...	...
Veraval	...	...	..	...	...	.	...	...	...	...	...	...	...	.	.

At 0600 hrs. G.M.T. † of Previous day (dd fff)

STATION	0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
1	17	18	19	20	21	22	23	24	25	26	27
Bogra	100 12	110 10	100 07	095 08	...	...	...	...	...	...	...
Chaklala	...	...			..	...	..	...	...	...	...
Chhor	223 17	230 28	230 27	230 19	...	...	...	..	...	...	..
Chittagong	170 06	140 08	130 09	125 10	215 17	...	...	...		...	.
Cox's Bazar	155 11	155 18	160 08	160 20	165 10	...	...	...		...	
Dacca	...	...	...	...	...	...	...	...	...	...	...
Dalbandin	...	..	285 06	240 08	305 09	335 14	350 14	360 14	010 16	.	...
D. I. Khan	070 04	085 06	070 05	035 05	020 03	..			...	...	...
Drosh	...	...	...		...		..	...	.	...	..
Fort Sandeman	...	...	...	210 01	140 04	735 03	355 07	320 11	315 26		...
Jacobabad	025 03	165 02	090 05	090 8/	360 08	055 09	045 15	355 25	005 24	..	...
Jessore	110 10	105 10	070 08	070 08	075 12	063 15				...	...
Jhelum	080 07	095 08	095 13	115 13	120 13	...	...	...	...	...	...
Jiwani	165 11	150 09	...	...	...	...	...	...	...	...	..
Karachi	265 08	260 12	...		...		...	...	...	...	...
Khanpur	245 19	125 01	250 14	250 09	290 08	340 09	350 19	015 12	035 05	...	...
Lahore	065 06	065 09	..								...
Multan	020 03	010 06	250 06	250 06	325 10	345 12	355 21	...	...	...	...
Nawab Shah	...	...	...	...	...	...	...	...	...	...	.
Panjgur	...	...	...				...	...		...	.
Peshawar	...	355 02	145 02	145 05	320 09	300 21	260 20	.	...	...	...
Quetta	...	...	...	...	025 05	005 08	320 16	310 25	310 31	...	...
Sargodha	...		...	...	...	...	...	...	...	...	...
Sylhet	165 02	155 02	...	...	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l → / STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
F.R. Sargodha																		
Karachi	085 /9	C85 23	075 32	340 21	340 14	030 16	060	050 14	045 15	...	.	...	...	...	...	...	...	..
Peshawar																		
Quetta																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

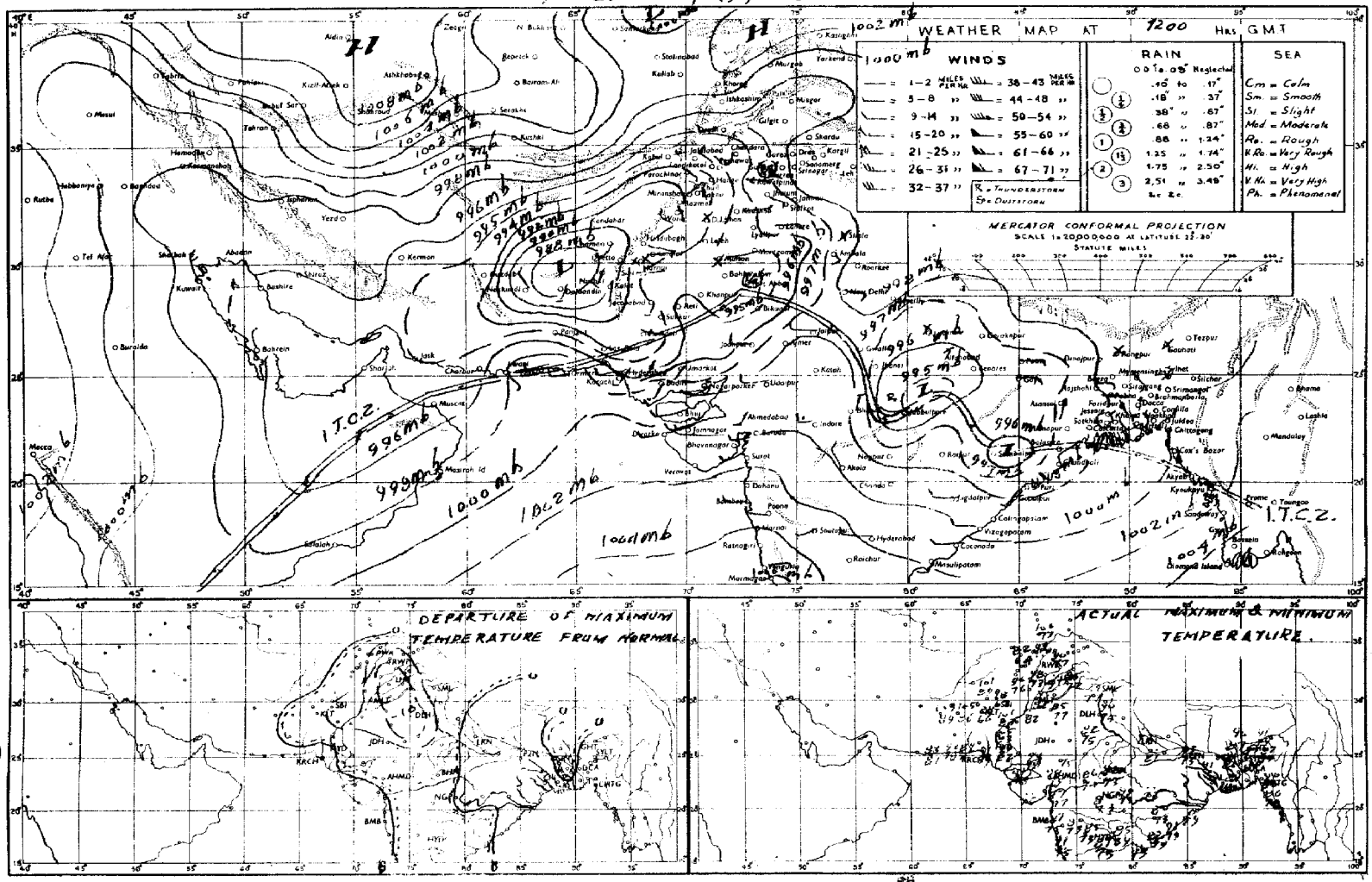
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

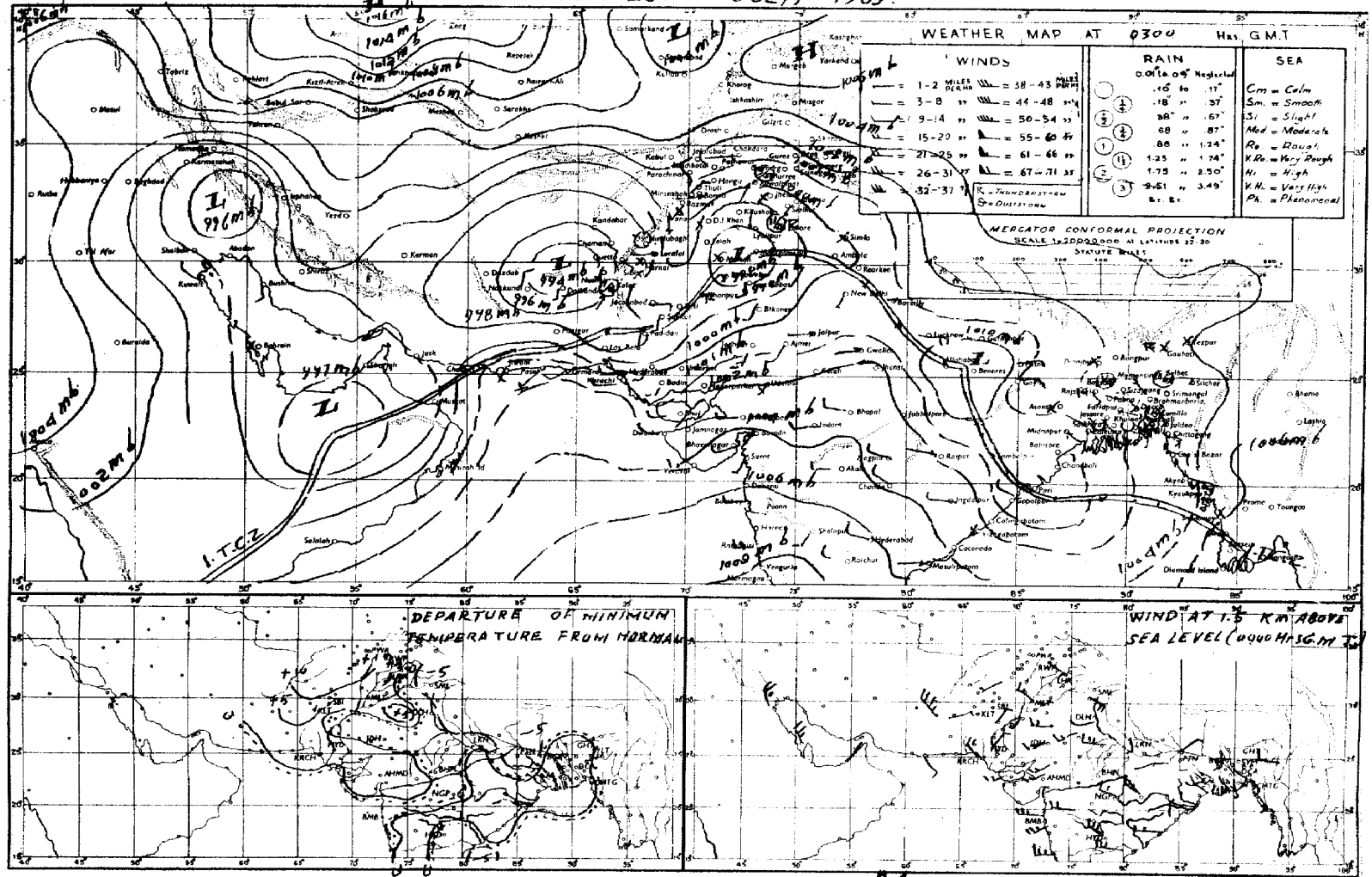
FRIDAY 25th JULY, 1969.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 26th JULY, 1969.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 27th JULY, 1969.

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

Yesterday's low pressure area now lies over north Bihar and adjoining Uttar Pradesh. Monsoon is moderate over East Pakistan. Rain/thundershowers has been scattered in Chittagong division. A few falls of light rain drizzle also occurred in Dacca divisions. Monsoon activity is also moderate over northern districts of West-Pakistan. Scattered rain/thundershower occurred in Peshawar, Rawalpindi and Lahore divisions.

Chief amounts of rainfall are : Murree $\frac{3}{4}$" and Sialkot $\frac{1}{4}$".

Day temperatures were 3—6 °F (2—4 °C) above normal in East Pakistan outside Dacca division and 3—6 °F (2—4 °C) below normal in Rawalpindi, Peshawar and Khairpur divisions and 8—23 °F (4—13 °C) so in Sargodha and Lahore divisions.

Forecast valid until the evening of 28th July 1969 :— Fairly widespread rain/thudershowers in East Pakistan, Lahore, Rawalpindi, Kashmir, local in Sargodha and Multan divisions and scattered in Quetta divisions.

Karachi-11
The 27th July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 from †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths) °	Dry Bulb temperature	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dew-point temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	h	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	7	18	02	96	29	/	002	86	5	3	5	7	1	79	91	012	9	4	36	02	98	03	9	018	90	1	2	7	3	1	77	81	—	—	47.0	—	53.4	—
	Cox's Bazar	000	0	7	18	12	96	50	5	992	85	5	5	5	2	0	76	86	000	0	3	15	07	97	01	2	002	84	2	4	4	0	1	78	77	+ 1	— 1	35.1	—26.6	42.8	140
	Chittagong	000	0	7	18	12	96	02	2	995	85	5	4	4	4	3	2	77	000	0	6	09	02	96	02	2	010	84	3	5	4	4	3	77	77	+ 4	0	12.9	—28.3	66.1	108
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	115
	Brahmanbaria	000	0	6	13	02	97	03	1	986	87	6	4	5	5	0	81	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	94
	Sylhet	008	9	3	00	00	97	01	2	986	90	2	1	6	0	1	79	91	285	9	5	13	09	97	02	2	004	85	5	2	6	0	0	76	80	—	—	—	—	—	78
	Srimangal	000	0	6	03	00	96	03	0	986	87	3	9	5	7	2	82	91	065	9	5	13	02	96	01	9	020	81	3	6	8	7	2	77	80	—	—	59.3	—	97.2	—
Dacca	Mymensingh	003	0	4	00	01	97	02	1	997	92	4	5	5	0	0	79	87	030	0	7	13	02	97	02	2	020	84	7	5	5	0	0	81	80	+ 1	+ 3	35.1	+ 4.2	56.6	58
	Narayanganj	000	0	3	23	02	96	02	1	985	86	1	2	6	3	1	78	90	002	3	8	13	06	97	03	6	009	84	8	4	5	0	0	81	80	0	+ 2	29.6	— 2.0	44.7	91
	Dacca (Tejgaon)	002	9	4	00	02	97	01	6	985	86	2	8	4	3	0	78	90	002	9	7	13	05	97	02	6	///	//	2	2	5	7	0	78	81	+ 2	+ 1	22.5	— 1.2	46.0	74
	Faridpur	000	0	6	16	02	97	02	2	991	87	5	1	5	0	0	//	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	19.3	—	31.1	—
Khulna	Barisal	000	0	5	23	03	97	02	2	989	86	5	4	5	0	2	79	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	...	...	...	71
	Khulna	000	0	4	13	05	97	03	0	983	84	2	2	4	0	0	81	91	008	2	7	13	03	97	02	6	002	84	5	4	4	2	0	81	81	+ 3	+ 2	28.2	— 1.0	38.2	81
	Satkhira	000	0	6	18	01	97	01	0	987	87	2	3	7	0	0	81	87	000	0	6	05	01	97	01	0	016	84	2	3	9	0	1	79	80	+ 1	+ 2	17.5	— 7.2	23.6	68
	Jessore	000	0	1	13	02	97	01	0	990	87	2	4	7	0	0	81	90	000	0	7	06	07	97	03	1	000	86	6	4	4	3	0	79	81	— 1	— 2	15.5	— 8.6	20.8	65
Rajshahi	Pabna	000	0	2	13	02	99	01	1	974	87	2	2	7	0	0	86	91	000	0	5	13	06	91	03	1	004	87	4	8	7	0	1	88	81	—	—	15.9	—	29.6	59
	Sirajgan	000	0	2	09	01	97	01	1	986	87	2	2	6	0	0	79	90	000	0	4	18	02	98	02	2	005	84	4	0	7	0	1	81	83	+ 3	+ 3	19.3	— 2.9	26.0	64
	Rajshahi	000	0	5	09	02	96	03	1	983	87	2	4	5	2	0	79	91	000	0	6	00	00	96	03	1	008	84	3	5	5	2	1	79	81	+ 2	+ 3	24.2	+ 3.5	38.3	—
	Bogra	000	0	5	13	03	96	02	2	982	87	4	4	4	3	1	79	90	000	0	7	13	03	96	02	2	008	84	4	4	5	3	1	79	81	+ 1	+ 2	17.2	— 6.5	28.2	69
	Dinajpur	000	9	3	03	02	96	01	1	972	90	3	0	9	2	1	81	96	000	3	4	09	02	96	01	1	004	87	4	0	9	2	1	81	82	+ 6	+ 3	36.4	+ 9.2	59.4	72
	Rangpur	004	8	2	13	02	96	01	6	956	87	2	0	9	1	0	75	95	004	0	5	09	02	96	01	2	009	87	1	5	6	1	0	80	83	+ 5	+ 2	39.5	+ 7.9	58.2	84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Lahore	Lahore (Jail Rd.)	074	8	3	13	02	97	02	6	964	87	3	0	6	3	0	78	87	004	0	6	05	02	96	03	1	975	82	3	0	6	7	0	77	79	— 12	0	3.4	+ 2.2	13.0	19
	Sialkot	020	0	0	20	13	98	03	0	0 0	69	0	0	6	4	0	54	73	000	0	0	00	03	96	03	0	983	//	0	0	9	0	0	72	69	— 23	— 10	—	—	—	32
Rawalpindi	Jhelum	000	6	2	13	02	98	01	1	965	91	1	2	4	6	0	78	91	000	0	0	05	05	99	00	0	414	82	0	0	9	0	0	75	77	—	—	10.6	—	19.0	—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Rawalpindi	000	0	4	05	02	99	02	2	958	90	4	2	7	0	0	77	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3	...	...	...	...	36
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Sargodha	Khushab	000	0	0	18	02	98	02	0	944	00	0	0	9	0	0	73	00	000	0	7	03	07	97	03	0	985	82	2	4	9	4	0	82	79	— 2	— 3	0.1	— 4.6	9.5	15
	Sargodha	002	0	4	09	03	97	2	0	959	93	5	4	8	6	0	77	93	000	0	8	09	05	97	02	1	984	82	7	6	5	0	0	78	80	—	—	2.3	—	5.9	—
	Lyallpur	000	0	5	36	02	96	02	0	961	73	5	4	8	0	0	73	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 9	...	...	...	...	12
Multan	Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
	Multan	000	0	4	27	02	97	02	1	956	96	4	2	6	0	0	77	00	000	0	2	10	05	97	01	0	975	90	2	0	9	3	0	79	86	— 1	+ 1	7.8	+ 5.8	10.8	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
Bahawalpur	Khanpur	000	0	6	00	00	97	01	2	948	03	3	9	6	3	0	73	03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	...	...	...	...	6
	Bahawalpur	000	0	0	00	00	95	00	0	964	96	0	0	0	9	0	82	00	000	0	0	00	00	99	00	0	950	00	/	/	/	/	/	77	///	— 2	/	0.6	— 1.6	1.8	6
	Fort Abbas	037	5	2	27	02	97	01	8	960	86	0	0	9	2	0	79	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
Peshawar	Chakdra	000	0	2	36	02	97	03	7	928	94	2	1	7	0	0	54	94	000	0	0	00	00	98	01	2	962	81	3	1	7	0	0	65	58	— 6	—	1.8	—	14.0	—
	Peshawar	000	0	1	05	03	98	02	0	943	93	1	0	0	0	0	76	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
	Haripur	000	8	4	23	03	97	01	2	979	91	4	9	7	0	0	73	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	—
D. I. Khan	Bannu	000	0	3	18	02	99	01	2	948	96	1	0	1	8	2	0	73	070	0	4	09	02	99	02	1	976	86	0	0	9	4	0	77	82	—	—	0.1	—	4.0	11
	D. I. Khan	000	0	0	00	00	98	00	0	950	99	0	0	0	9	0	77	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	9
Quetta	Sibi	000	0	2	18	03	97	03	1	952	00	2	5	0	9	2	0	54	000	0	6	31	03	97	03	1	986	92	4	2	9	4	2	56	86	—	—	0.2	—	0.2	5
	Nokkundi	000	0	5	31	05	96	02	2	987	10	5	0	9	2	0	51	11	000	0	0	36	03	97	02	0	958	91	0	0	9	4	2	58	86	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	18	02	96	00	0	883	94	0	2	9	6	0	72	94	000	0	0	23	02	96	00	0	905	82	0	7	5	/	/	65	82	—	—	0.0	—	0.2	—
	Jiwani	000	0	3	18	10	96	01	1	009	85	3	6	5	0	0	73	88	000	0	7	18	07	96	02	2	050	83	5	6	5	0	0	75	81	—	—	0.0	—	2.0	5
	pasni	000	0	4	25	14	97	02	0	013	90	0	4	0	0	0	76	90	000	0	7	30	18	97	02	0	038	81	4	3	9	1	0	79	78	— 1	0	0.0	— 0.6	0.0	6
Karachi division	Ormara	000	0	6	27	10	96	02	2	018	85	1	6	6	3	0	82	92	000	0	6	27	07	96	02	2	040	80	6	6	6	0	0	79	16	—	—	0.0	— 0.6	0.6	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
	Karachi (Manora)	000	0	6	27	09	97	03	0	004	86	0	0	9	4	8	77	87	000	0	3	27	12	96	01	2	023	81	/	/	/	/	/	78	81	0	+ 1	10.0	— 2.5	1.1	8
	Karachi (Airport)	000	0	6	27	14	96	02	2	000	88	2	5	6	0	1	73	91	000	0	7	29	10	96	03	1	022	83	5	6	5	3	0	75	81	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	000	0	6	05	02	97	02	0	019	91	6	6	6	0	0	74	94	000	0	6	05	02	97	02	0	070	85	8	6	6	0	0	76	70	—	—	0.1	—	0.1	—
	Chhor	000	0	7	23	12	96	03	2	975	93	5	4	6	5	0	79	96	000	0	2	23	01	96	02	0	001	83	3	0	9	0	0	75	80	—	—	0.2	—	0.3	7
	Hyderabad	000	0	3	23	12	97	02	0	976	97	1	0	0	0	0	75	00	009	0	0	23	14	97	03	0	000	85	0	0	9	0	0	75	82	+ 3	+ 2	0.2	— 2.7	0.3	9
	Badin	000	0	6	23	12	96	03	0	989	93	0	0	9	0	6	76	94	000	0	0	23	04	96	02	0	034	82	0	0	9	0	0	76	82	+ 1	— 1	0.3	— 3.6	0.3	—
Khairpur	Padidan	000	0	6	20	//	97	03	1	954	//	2	1	7	7	0	72	94	000	0	6	23	03	96	03	1	982	88	1	5	7	3	0	72	83	—	—	0.8	—	0.8	—
	Nawabshah	000	0	5	00	00	96	02	2	961	04	2	1	6	4	0	76	05	000	0	4	18	05	96	03	0	984	86	0	0	9	0	0	75	83	—	—	1.0	—	1.1	4
	Sukkur	000	8	6	00	00	96	03	2	948	07	6	0	9	9	0	78	08	000	9	7	13	05	96	03	2	977	88	6	0	9	6	0	74	86	—	—	0.0	—	0.0	—
	Kashmore	000	0	6	18	03	98	03	2	///	//	0	0	9	9	0	76	02	000	0	1	18	02	98	02	2	983	86	0	0	9	0	0	77	86	—	—	0.0	—	0.0	—
	Jacobabad	000	0	2	18	03	97	03	1	946	03	0	0	9	9	1	75	03	000	0	5	18	07	96	03	1	983	89	3	0	9	4	0	76	87	— 9	+ 3	0.5	— 0.6	0.8	4
unagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20
	HILL STATIONS																																								
Kashmir	Srinagar **	...																																							26
	Gulmarg ***	...																																							—
	Sonamarg	...																																							71
	Dras	...																																							26
	Leh ***	...																																							3
	Skardu ***	...																																							6
	Misgar **	...																																							—
	Allabad **	...																																							5
	Gilgit **	...																																							59
Rawalpindi	Murree **	050	7	6	00	00	96	02	6	418	//	6	5	2	0	0	64	69	050	9	4	27	03	98	01	1	432	64	5	4	4	0	0	60	60	—	—	6.7	— 8.0	25.3	18
Peshawar	Drosh **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	00	00	97	01	0	413	82	4	2	6	0	0	62	76	—	—	1.0	—	12.2	29
	Chitral **	000	0	3	18	05	98	01	1	416	87	3	2	6	0	0	69	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2	+ 3	...	...	...	...
	Kakul **	000	0	5	27	02	98	03	2	436	79	5	2	4	0	0	73	84	000	0	5	31	02	98	03	2	426	73	5	2	4	0	0	69	73	—	—	2.6	—	18.3	—
	Landikotal **	000	0	0	02	05	98	02	0	424	93	0	4	9	0	0	73	91	000	0	5	31	05	98	02	1	420	81	0	0	9	0	0	73	73	—	—	0.9	—	11.3	29
	Parachinar	000	0	3	16	05	98	02	0	412	81	3	4	6	0	0	62	82	000	0	7	18	08	93	02	2	415	73	7	6	1	0	0	77	...	—	—	2.6	—	13.3	13
D.I. Khan	Miranshah **	000	0	4	05	05	97	02	0	420	91	4	0	9	0	0	69	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	...	...	...	11
	Wana **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	13	04	99	00	0	465	87	0	0	9	0	0	82	///	—	—	0.2	—	3.6	11
Quetta	Fort Sandeman **	000	8	7	25	03	97	03	2	396	88	5	4	7	2	0	86	97	000	0	2	00	00	97	03	1	415	79	2	1	7	0	0	68	76	— 2	—	1.4	— 1.0	5.7	—
	Hindubagh **	000	0	8	16	03	97	03	0	392	90	8	8	4	0	0	84	91	000	0	0	00	00	96	02	0	437	75	0	0	9	0	0	66	65	—	—	2.7	—	6.0	9
	Loralai **	000	0	0	27	02	98	00	0	399	88	0	0	9	0	0	80	92	000	0	0	27	02	98	00	0	402	80	0	0	9	0	0	65	57	—	—	0.6	—	0.6	—
	Barkhan **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Harnai **	000	0	0	00	00	96	02	1	388	93	0	0	9	0	0	67	94	000	0	8	00	00	96	03	2	398	85	0	0	9	5	0	72	//	—	/	0.8	— 2.3	2.6	14
	Samungli (Quetta) **	000	0	6	31	05	95	05	1	389	98	6	0	6	1	0	65	01	000	0	0	13	05	95	05	0	423	77	0	0	9	0	0	71	69	—	—	0.5	— 0.1	3.1	9
	Chaman **	000	0	0	23	07	97	00	0	404	00	0	0	9	0	0	72	01	000	0	0	18	03	97	00	0	398	83	0	0	9	0	0	61	62	—	—	0.0	— 0.1	2.7	8
	Nushki **	000	0	0	23	05	95	05	0	471	03	0	0	9	0	0	83	05	000	0	0	23	07	95	05	0	470	90	0	0	9	0	0	68	88	—	—	0.5	—	2.7	—
	Dalbandin **	000	0	0	23	07	95	05	0	403	07	0	0	9	0	0	63	09	000	0	0	23	03	95	05	0	428	86	0	0	9	0	0	64	79	0	+ 1	0.0	— 0.1	9.5	7
Kalat	Kalat **	000	0	8	13	02	95	02	3	399	84	0	3	6	3	0	63	89	000	0	4	18	02	97	02	0	419	71	0	0	9	0	0	61	64	— 2	+ 3	0.6	— 0.1	2.0	—
	Khuzdar **	000	1	6	23	09	97	03	9	406	93	3	5	6	8	3	0	59	000	9	4	31	03	96	02	9	402	76	4	5	6	0	0	68	75	—	—	1.6	—	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 ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 27th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
British Chilvary	99 2 10	10 7 00	26 0 63	82 8 52	97 6 16	12 3 83					07 2 00			

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
		PoPoPo ToToTo DoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	997 262 09	...	400 202 00	081 136 28	5/4 019 19	759 105 15	972 251 59	255 479 //	...	...	...	...	...
Dacca ...	00 00	999 200 14	...	360 204 19	087 134 40	585 021 16	760 115 56	975 251 57	257 475 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	999 272 33	...	410 200 47	050 140 60	584 011 //	757 125 //	972 245 //	260 391 //	...	...	...	...	...
Multan ...	00 00	83/ 300 33	...		...	569 061 //	741 131 //	555 255 //	246 315 //	...	...	...	...	...
Peshawar ...	00 00	957 210 30	...	400 268 50	075 134 58	584 012 //	761 061 //	...	...	...	...	...	...	...
Quetta ...	00 00	814 216 40	...	...	078 134 //	581 065 //	753 149 //	968 319 //	...	...	...	...	...	...
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed	TROPOPAUSE	
											PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 243 15	/// /// //	/// /// //	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 230 26	600 186 33	600 064 56	350 189 56	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...													

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd fff) 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
Bogra ...	...	...	...	...	...	...	...	...	...	115 09	135 06	115 06	065 06	065 04	165 06
Chaklala ...	...	090 05	140 05	150 05	060 02	350 01	...		...				...		
Chhor ...	225 25	225 24	215 26	...	...	...	...	...	...	240 24	240 40	240 29	205 03	070 10	025 15
Chittagong ...	175 12	160 17	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	165 16	165 17	160 12	135 10	...	...			...	...	...	...	...	...	...
Dacca ...	165 10	165 08	165 07	150 08	150 12	140 13	145 13	145 12	140 13	125 15	140 09	145 06	/// //	125 10	/// //
Dalbandin ...	...	...	235 07	240 10	245 09	355 08	295 05	195 10	015 08	...	...	250 11	265 12	310 07	025 12
D. I. Khan ...	105 03	130 03	115 05	/20 08	115 05	295 07	315 20	325 25	320 27	121 00	125 12	150 07	170 04	200 05	285 07
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	—	225 12	210 06	...
Fort Sandeman ...	...	...	...	120 07	005 03	285 10	325 13	330 11	345 16	...	...	...	180 02	220 03	255 09
Jacobabad ...	135 01	255 01	290 01	335 03	020 06	350 10	330 13	320 13	300 17	210 17	210 15	215 14	225 0/	245 06	295 06
Jessore ...	140 17	140 15	140 17	113 91	110 13	...	...		...	130 12	130 15	145 13	125 11	110 09	120 12
Jhelum ...	145 98	120 05	120 05	095 08	090 10	080 08	340 09	345 10	360 09	...	...	...		...	...
Jiwani ...	185 13	170 14	135 10	070 06	...	045 18	...	.	...	180 09	185 10	...	...	.	...
Karachi ...	220 14	270 15	270 15	...	...	...	...	...	...	...	...	...		...	
Khanpur ..	270 08	250 08	265 10	270 12	240 12	275 23	280 27	...	...	195 21	215 14	251 14	241 13	255 17	305 23
Lahore ...	095 07	115 07	115 07	105 13	105 25	...	...	...	...	083 00	133 08	060 5/	070 09	080 05	305 06
Multan ...	210 03	075 03	040 04	350 07	315 08	...	...	...	...	145 15	145 09	2[illegible]5 03	260 09	280 13	...
Nawab Shah ..	205 0/	214 04	215 03	190 03	125 05	...	..	..	...	245 12	245 10	255 08	280 06	125 08	115 05
Panjgar ...	...	...	...	...	...	...	...			...	..	...	...	...	..
Peshawar ...	...	055 07	155 05	195 07	265 09	305 13	340 20	350 19	350 23	...	320 03	355 04	330 06	295 16	225 12
Quetta ...	...	...	...	...	235 03	300 08	315 07	015 06	355 06	...	..	...	...	...	...
Sargodha ...	085 06	090 06	095 06	035 09	005 15	350 15	325 12	325 14	325 21	...	...	.	...	—	...
Sylhet ...	039 02	070 01	125 05	180 14	155 07	155 03	340 05	065 02	170 53	No	Ascent	...	...	...	...
Veraval ...	...	...	—	...	...	...	—	—	...	...	...	..	...	...	

Height in Kms. a.s.l. —>	At 0600 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	110 08	110 09	100 07	085 08	075 06	...	—	...	..	...	...
Chaklala ...	...	140 04	145 05	245 01	315 01	290 03	..	...	...	...	...
Chhor ...	225 19	250 27	255 30	250 24	265 07	285 04	...	..	...	...	.
Chittagong ...	120 05	095 23	/// //	110 21	/// //	0[illegible]0 14	...	...		...	
Cox's Bazar ...	130 07	135 11	135 15	140 15	...	...	.	...	...	...	...
Dacca ...	095 08	120 06	120 05	110 08	110 12	...	...	...	...	..	...
Dalbandin ...	...	...	260 06	280 10	280 09	340 05	005 05	010 05	030 05	...	...
D. I. Khan ...	125 07	130 07	135 08	180 08	210 06	...		.	...	...	-
Drosh ...	...	...	...	225 09	215 03	190 08	260 03	...	.		...
Fort Sandeman ...	...	...	...	265 02	200 01	100 04	240 16	255 02	270 26	.	...
Jacobabad ...	155 09	200 13	220 17	220 15	205 09	255 11	360 14	020 10	360 12	...	...
Jessore ...	080 07	075 08	/00 09	090 11	..	...	...	.	.	...	...
Jhelum ...	150 05	150 05	145 07	085 06	025 05	355 02	295 11	270 16	270 14	..	..
Jiwani ...	200 19	200 15	190 11	...	...	...	...	...	...	...	...
Karachi ...	285 17	270 25	...	...	...	..	...		...		...
Khanpur ..	220 20	230 17	230 19	235 26	250 29	245 15	230 18	225 23	220 09	..	...
Lahore ...	100 04	090 03	080 04	055 01		...	...	...	...	...	...
Multan ...	140 07	180 06	150 08	150 13	/80 15	185 13	210 90	270 09	270 //	...	..
Nawab Shah ..	...	...	...	...	...	...	..	...		...	—
Panjgar ...	...	...	...		..	...	...	..	...	...	...
Peshawar ...	—	005 05	070 01	205 05	270 05	...	...	...	...	...	...
Quetta ...	...	...	...	...	320 02	340 03	320 05	305 09	305 10	..	...
Sargodha ...	110 04	115 05	100 6/	...	080 15	...	...	...	—	...	...
Sylhet ...	/05 05	115 05	110 03	135 04	...	...	...	...	—	..	...
Veraval ...	...	—	...	...	...	...	...	...	—	—	...

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

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

Height in g.p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	265 23	265 25	265 27	265 23	290 12	035 06	055 15	065 15	015 10	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

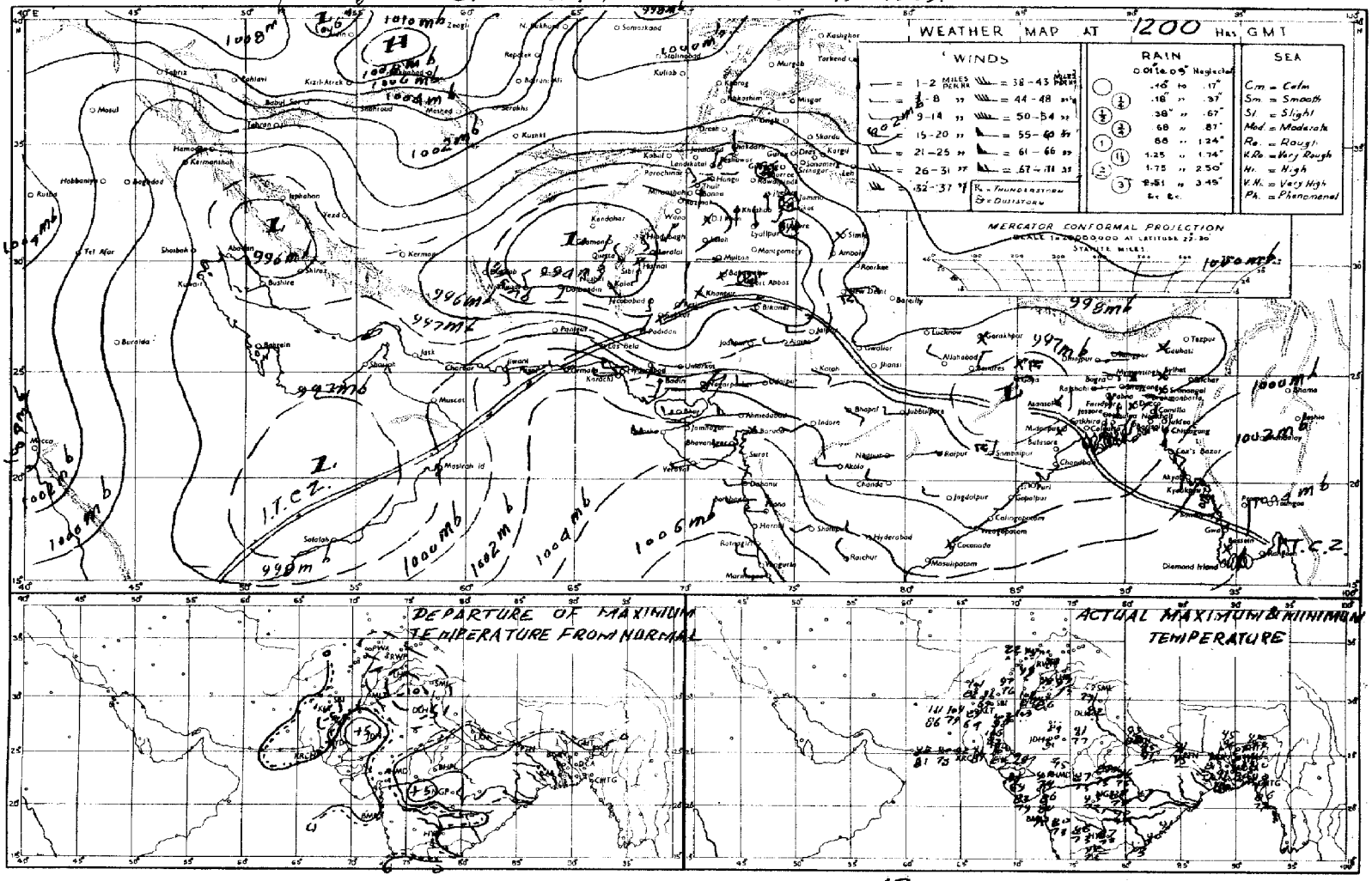
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

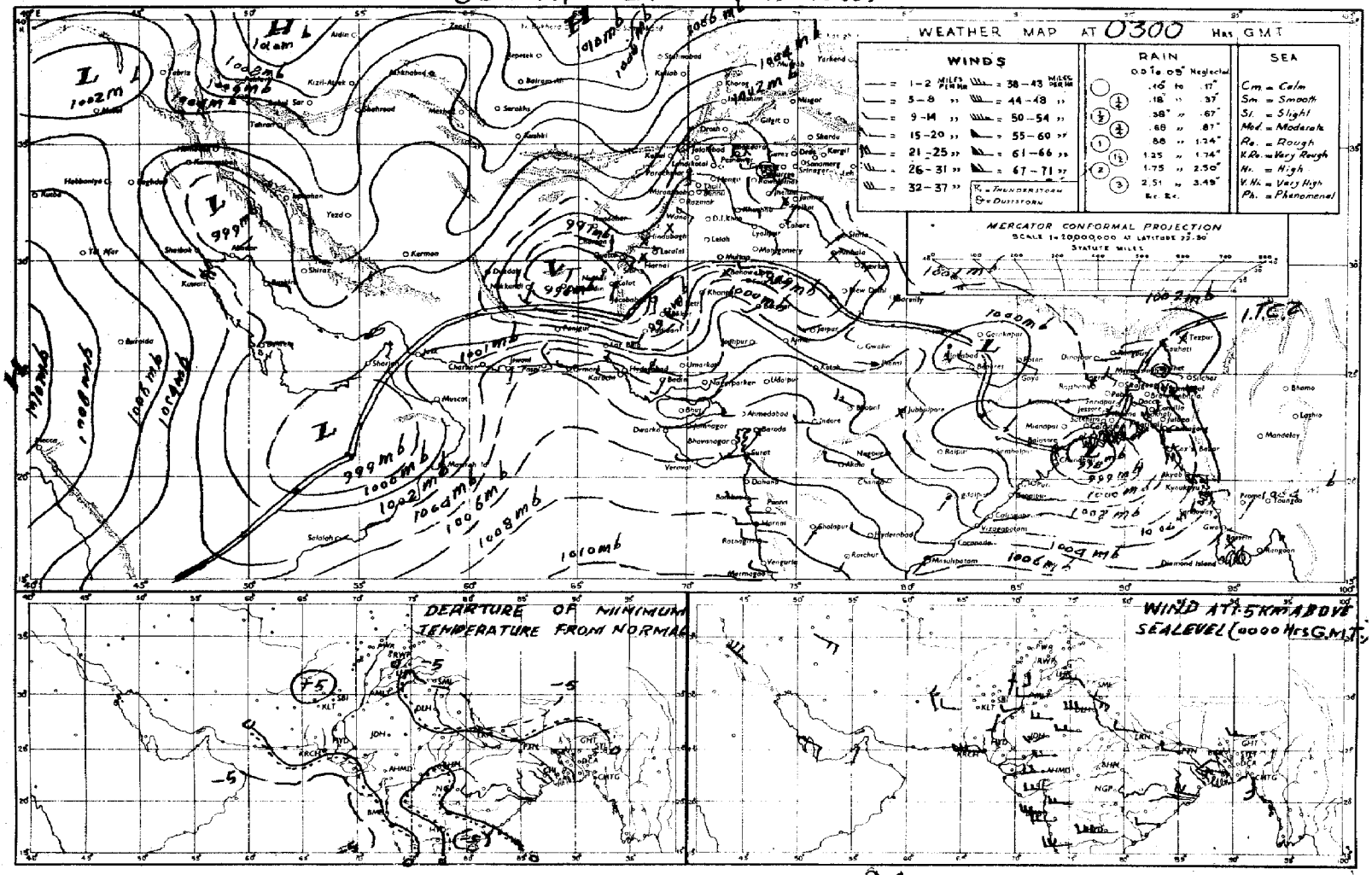
SATURDAY 26th JULY, 1969.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 27th JULY, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 28th JULY, 1969.

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

Observations are meagre but believe a depression has formed over north Bay of Bengal centred at 28,0300 G.M.T. with in one degree of latitude and longitude 98 °F. Likely intensify and move west north west west wards. Yesterday's low pressure area over Bihar has weakened and become unimportant. Rain/thundershowers have been local in East Pakistan outside Khulna division. A westerly low pressure wave that lay over Afghanistan last evening is moving across north of Peshawar division. Rain/-thundershowers have been local in Lahore, Rawalpindi and Peshawar divisions and scattered in D. I. Khan division.

Chief amounts of rainfall are : Sirajgang 2½", Cherat 1½", Lahore 1", Pabna, Kakul 3/4", Mymensingh, Narayanganj, Rangpur, Rangamati, Murree and D. I. Khan ½" each, Sylhet and Srimangal ½" each.

Day temperatures were 3—5 °F (2—3 °C) above normal over East Pakistan and to the same extent below normal in Peshawar, Sargodha and Lahore divisions.

Forecast valid until the evening of 29th July 1969 :-- Local rain/thundershowers are likely to occur in Chittagong, Khulna, Rawalpindi divisions and Kashmir and scattered in Peshawar, D. I. Khan, Lahore, Sargodha, Dacca and Rajshahi division.

Karachi-11
The 28th July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

DIVISIONS	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) ° PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Clud † Nh (13)	Low Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	C32	3	7	31	02	95	29	9	582	82	5	7	5	7	/	78	90
	Cox's Bazar	012	3	8	18	12	96	51	6	977	86	5	3	4	6	/	77	90
	Chittagong	002	0	7	23	03	96	C2	2	978	84	6	3	4	3	/	79	91
	Maijdee Court	000	9	5	00	00	96	02	2	571	87	3	1	5	1	0	71	87
	Comilla	C00	0	5	00	00	96	02	2	971	87	5	4	5	0	0	78	90
	Brahmanbaria	C00	0	6	00	00	97	05	1	972	87	6	5	5	0	0	80	90
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Srimangal	064	9	9	60	29	97	//	/	///	//	2	9	4	7	1	81	81
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narayanganj	C00	0	8	23	02	96	03	2	969	87	8	5	6	/	/	80	87
	Dacca (Tezgaon)	000	0	6	00	00	97	02	2	970	86	5	4	4	3	!	79	90
	Faridpur	000	0	5	16	02	97	02	2	586	//	2	4	6	!	0	79	90
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna	000	0	3	00	00	97	03	0	963	86	1	1	5	0	1	85	91
	Satkhira	000	0	8	13	01	97	01	0	956	82	2	3	9	0	1	80	50
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj	C00	0	5	18	02	97	02	2	966	87	4	0	7	4	0	78	90
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bogra	0C0	0	6	00	00	96	02	2	970	89	1	2	5	0	1	81	91
	Dinajpur	011	1	3	C0	00	96	66	1	///	//	3	0	9	2	/	79	91
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	3	00	00	96	02	1	942	91	3	4	6	0	0	76	93
	Sialkot	...	...	...	...	...	...	...	...									
Rawalpindi	Jhelum	000	6	3	13	03	98	02	0	941	91	1	1	7	1	1	78	95
	Islamabad																	
	Rawalpindi	000	0	7	09	02	99	02	2	930	91	2	2	7	3	0	76	93
	Campbellpur																	
Sargodha	Khushab	000	0	2	18	05	98	01	2	929	95	0	0	9	2	0	86	96
	Sargodha																	
	Lyallpur	000	0	4	29	02	96	02	0	939	91	4	0	9	4	0	70	95
Multan	Sahiwal																	
	Multan	000	0	3	18	03	97	01	0	917	02	1	0	9	3	1	73	02
	Leiah																	
Bahawalpur	Khanpur	000	0	2	23	05	97	02	0	919	C4	2	8	7	0	0	72	05
	Bahawalpur	0C0	0	0	00	00	00	00	0	930	03	0	0	9	0	0	76	C4
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chakdra	000	0	2	36	02	97	03	1	915	93	2	1	7	0	0	82	93
	Peshawar	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
	Haripur	000	4	6	18	02	00	03	1	932	93	6	4	6	0	0	72	98
D. I. Khan	Bannu	000	0	5	13	03	98	03	2	914	98	5	2	7	0	0	73	98
	D. I. Khan	0C0	0	0	00	00	98	00	0	925	95	0	0	9	0	0	77	00
Quetta	Sibi	000	0	2	18	03	97	07	1	925	76	0	2	9	0	2	54	07
	Nokkundi	000	0	0	31	12	95	03	0	910	C4	0	0	9	0	0	53	06
Kalat	Turbat	000	0	0	27	02	96	00	0	878	91	0	7	9	/	/	72	91
	Jiwani	000	0	7	20	09	96	02	2	010	85	7	3	5	0	0	72	87
	Pasni	000	0	3	25	14	97	C2	0	016	82	0	0	9	3	0	76	88
Karachi division	Ormara	000	0	6	25	12	96	01	1	058	//	1	6	6	3	0	81	87
	Lasbela	///	0	0	13	03	97	00	0	961	00	0	0	8	0	0	75	01
	Karachi (Manora)	000	0	3	27	12	97	01	0	994	86	0	0	9	1	0	76	86
	Karachi (Ariport)	000	0	2	27	20	95	01	2	989	86	2	6	5	0	0	76	90
Hyderabad	Nagarparkar	000	0	6	05	02	97	02	0	599	93	6	6	6	0	0	93	96
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hyderabad	000	0	6	25	17	56	C6	2	964	54	2	0	9	3	8	75	98
	Badin	000	0	2	23	14	56	03	0	018	93	0	0	9	0	2	76	94
Khairpur	Padidan	000	0	2	18	C5	96	01	1	934	03	1	1	7	3	0	73	04
	Nawabshah	000	0	0	18	07	96	01	1	940	03	0	0	9	0	0	75	05
	Sukkur	000	8	7	23	03	96	03	2	923	03	7	0	9	6	0	80	04
	Kashmore	C00	0	0	18	02	98	02	2	965	03	0	0	9	0	0	75	05
	Jacobabad	0C0	0	0	16	09	95	05	1	920	04	0	0	9	0	0	72	05
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	6	09	03	90	49	/	403	70	9	/	0	/	/	64	72
Peshawar	Drosh *	000	0	5	23	16	97	20	2	348	86	5	8	7	0	0	50	93
	Cherat *	150	1	7	18	05	96	03	2	392	76	7	0	7	0	4	72	76
	Kakul *	000	0	7	27	05	98	03	2	430	78	7	3	4	0	0	73	85
	Landikotal *	000	0	6	05	05	98	03	2	3?7	82	6	7	6	/	/	68	90
	Prachinar *	0C0	0	5	16	03	96	02	0	338	//	4	2	6	6	0	61	83
D.I. Khan	Miranshah *	000	0	0	05	05	99	02	0	457	95	0	0	9	0	0	72	02
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	000	6	4	23	07	97	01	1	365	95	3	4	7	1	0	52	96
	Hindubagh *	000	0	8	13	03	93	03	0	3?6	92	8	7	4	0	0	63	93
	Loralai *	000	0	6	27	04	98	01	0	395	92	0	1	8	0	6	80	93
	Barkhan *																	
	Harnai *	000	0	8	00	00	96	03	1	372	96	0	0	8	5	0	69	97
	Samungli (Quetta) *	000	0	0	31	05	95	05	0	382	95	0	0	9	0	0	61	99
	Chaman *	000	0	0	27	07	96	00	0	380	02	0	0	9	0	0	43	02
	Nushki *	000	0	0	00	00	96	05	0	457	02	0	0	9	0	0	81	03
	Dalbandin *	000	0	0	23	09	95	05	0	403	06	0	0	9	0	0	47	08
Kalat	Kalat *	000	0	3	27	02	96	02	1	386	87	0	4	9	7	0	63	89
	Khuzdar *	000	0	2	27	03	97	03	0	385	95	2	5	6	0	0	59	95
	Panjgur *																	

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

DIVISIONS	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (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	058	9	3	36	02	98	06	7	009	85	1	4	6	7	4	77	78
	Cox's Bazar	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...
	Chittagong	002	9	6	11	07	96	02	7	992	79	2	4	4	3	0	77	77
	Maijdee Court	000	9	1	18	C5	97	01	0	994	80	0	0	9	2	0	76	79
	Comilla	000	0	0	10	05	96	02	0	008	90	0	0	9	0	0	76	77
	Brahmanbaria	C80	9	4	13	02	97	03	2	003	87	2	5	5	4	0	80	78
	Sylhet	022	3	6	00	00	96	01	6	007	84	4	5	5	8	0	79	77
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Dacca	Mymensingh	061	2	4	13	02	96	02	2	003	84	4	5	4	0	6	79	82
	Narayanganj	058	0	4	13	03	97	02	0	002	90	4	5	6	0	0	77	79
	Dacca (Tezgaon)	002	3	4	13	02	98	02	..	000	86	3	3	4	4	3	76	79
	Faridpur	000	0	5	11	07	97	02	6	001	88	4	3	5	1	0	79	81
Khulna	Barisal	006	8	7	13	03	97	02	2	583	85	5	4	4	2	0	77	79
	Khulna	C00	0	4	00	00	97	03	0	000	88	2	2	4	0	0	82	81
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	005	0	7	09	09	97	21	6	583	84	5	3	3	2	0	79	81
Rajshahi	Pabna	081	6	7	05	02	97	01	9	982	//	7	0	9	7	0	81	79
	Sirajganj	250	2	1	00	C0	97	65	9	007	79	8	7	6	0	0	77	79
	Rajshahi	000	1	1	13	03	95	06	6	005	8'	8	7	5	/	/	77	81
	Bogra	000	0	6	13	03	96	03	2	0?4	84	6	5	4	7	2	79	//
	Dinajpur	011	3	4	0?	02	96	01	1	002	88	4	0	9	4	0	81	81
	Rangpur	068	3	4	13	02	96	01	6	006	90	1	5	6	1	0	79	77
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	110	3	8	00	00	95	95	9	965	76	5	9	5	2	7	74	72
	Sialkot	050	0	0	20	35	96	00	0	968	79	0	0	9	0	0	45	67
Rawalpindi	Jhelum	015	3	8	05	05	97	17	9	975	76	6	9	6	2	/	72	76
	Islamabad																	
	Rawalpindi	020	7	8	09	02	99	00	4	964	77	8	5	6	0	0	67	74
	Campbellpur																	
Sargodha	Khushab	///	7	8	09	05	97	03	6	961	77	4	2	7	4	0	77	73
	Sargodha																	
	Lyallpur	154	4	6	36	03	96	02	9	938	75	4	7	7	0	0	70	72
Multan	Sahiwal																	
	Multan	C00	0	0	18	09	96	07	0	939	88	0	0	9	0	0	74	86
	Leiah																	
Bahawalpur	Khanpur	000	0	4	23	05	96	05	0	941	84	0	0	9	0	1	74	61
	Bahawalpur	000	0	0	00	00	95	00	0	949	85	0	0	9	0	0	73	80
	Fort Abbas	///	/	0	23	C2	98	00	0	580	85	0	0	9	0	0	70	77
Peshawar	Chakdra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Peshawar	015	7	7	C5	03	97	95	9	992	72	5	9	4	2	0	70	72
	Haripur	150	6	8	36	02	96	03	5	977	76	9	7	5	0	0	66	65
D. I. Khan	Bannu	031	1	6	02	02	98	04	6	958	77	3	2	7	1	8	73	73
	D. I. Khan	034	3	6	00	00	97	03	6	958	67	6	8	8	8	0	65	77
Quetta	Sibi	000	0	0	18	03	97	02	0	951	90	0	0	9	8	0	66	89
	Nokkundi	C00	0	0	31	21	96	C2	0	546	87	0	0	9	0	0	57	86
Kalat	Turbat	000	0	0	27	02	96	00	0	903	82	7	9	0	/	/	72	//
	Jiwani	C00	0	1	18	05	96	C3	2	006	82	2	6	5	5	0	72	80
	Pasni	C00	0	4	25	08	97	02	0	007	80	0	4	9	0	0	77	75
Karachi division	Ormara	C00	0	7	29	09	96	02	1	016	78	7	6	6	0	0	78	//
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Manora)	C00	8	6	36	09	96	02	1	999	8!	6	0	9	5	0	77	80
	Karachi (Ariport)	000	0	8	27	19	96	03	2	597	83	2	6	5	2	0	74	80
Hyderabad	Nagarparkar	000	0	/	//	//	96	02	0	040	80	8	6	6	0	0	77	77
	Chhor	000	0	2	23	19	96	02	0	962	83	2	6	5	0	0	73	80
	Hyderabad	000	0	1	23	12	95	02	0	566	84	1	6	5	0	0	76	81
	Badin	C00	0	6	23	C8	96	C2	0	102	82	0	0	9	0	6	76	80
Khairpur	Padidan	000	0	1	23	03	96	01	0	970	88	1	0	9	3	0	74	83
	Nawabshah	C00	0	0	18	03	96	02	0	944	86	0	0	9	0	0	76	82
	Sukkur	C00	9	7	13	05	96	03	2	929	86	7	0	9	6	0	74	83
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jacobabad	000	0	5	09	07	96	03	1	935	87	0	0	9	0	4	76	85
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	055	2	8	13	07	97	03	6	412	63	8	5	3	/	/	45	54
Peshawar	Drosh *	000	0	2	00	00	99	03	0	384	80	2	1	6	0	0	59	73
	Cherat *	168	9	8	18	02	92	07	1	418	67	8	6	1	0	0	61	//
	Kakul *	084	7	7	27	03	98	09	6	398	67	5	4	4	6	8	59	61
	Landikotal *	070	3	6	05	05	94	03	6	///	//	/	/	/	/	/	//	82
	Prachinar *	138	3	6	16	03	98	07	9	402	67	5	5	6	3	0	63	65
D.I. Khan	Miranshah *	030	0	8	05	05	96	C2	0	418	80	8	0	9	0	0	72	88
	Wana *	000	0	5	23	03	94	C0	0	372	76	0	5	0	0	0	58	78
Quetta	Fort Sandeman *	000	0	0	05	02	97	02	1	377	//	0	0	9	0	0	67	75
	Hindubagh *	000	0	0	27	03	97	02	0	455	72	0	0	9	0	0	60	60
	Loralai *	000	0	4	37	02	98	01	0	385	80	0	1	8	0	4	55	50
	Barkhan *																	
	Harnai *	000	0	8	00	00	96	02	0	364	87	0	0	9	0	0	70	//
	Samungli (Quetta) *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chaman *	030	0	0	18	03	97	00	0	398	83	0	0	9	0	0	61	82
	Nushki *	000	0	0	00	00	95	05	0	447	87	0	0	9	0	0	64	83
	Dalbandin *	000	0	0	23	03	95	05	0	383	8	0	0	9	0	0	42	85
Kalat	Kalat *	000	0	0	23	03	97	02	0	397	//	0	0	9	0	0	61	68
	Khuzdar *	C00	0	4	27	03	95	00	5	389	75	3	5	6	2	0	66	73
	Panjgur *																	

Departure from Normal of / Rainfall

DIVISIONS	STATIONS (2)	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	47.5	—	54.0	—
	Cox's Bazar	+ 5					140
	Chittagong	+ 5	0	—	—		108
	Maijdee Court	+ 1	+ 1	—	—	—	115
	Comilla	+ 3	0	—	—	—	94
	Brahmanbaria	—	—	27.2	+ 3.1	36.8	78
	Sylhet		—	—	—	—	—
	Srimangal	— 9					98
Dacca	Mymensingh		+ 4	30.2	— 2.0	45.3	91
	Narayanganj	— 1	0	23.1	— 1.1	46.5	74
	Dacca (Tezgaon)	...	—	—	—	—	
	Faridpur	+ 3	+ 2	—	—		71
Khulna	Barisal	—	+ 1	28.3	— 0.4	38.2	81
	Khulna	+ 4	+ 3	17.5	— 8.1	23.6	68
	Satkhira	— 2					65
	Jessore		—	20.7	— 2.5	29.1	65
Rajshahi	Pabna		—	16.7	—	30.4	59
	Sirajganj	+ 3	0	21.8	—10.0	28.5	64
	Rajshahi		+ 3	—	—	—	—
	Bogra	+ 2	/	17.2	— 7.1	28.2	69
	Dinajpur	+ !	+ 2	36.5	+ 4.1	59.5	72
	Rangpur	—	— 1	—	—	—	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 6	— 7	9.5	+ 3.0	14.1	19
	Sialkot		— 12	—	—	—	32
Rawalpindi	Jhelum	—	—	10.7	—	19.1	—
	Islamabad						—
	Rawalpindi	— 3	— 3	39.0	— 5.9	14.0	36
	Campbellpur						
Sargodha	Khushab	— 6	— 9	0.1	— 4.7	3.5	15
	Sargodha						—
	Lyallpur	— 6	— 10	30.6	— 0.2	6.6	12
Multan	Sahiwal						10
	Multan	+ 1	+ 1	7.8	+ 5.7	10.8	7
	Leiah						8
Bahawalpur	Khanpur	+ 2	+ 3	0.0	— 2.3	1.0	6
	Bahawalpur	+ 2	+ 3	0.6	— 1.7	1.8	6
	Fort Abbas		—	0.0	—	0.2	8
Peshawar	Chakdra	—					—
	Peshawar	—	— 8	0.2	— 1.2	8.8	11
	Haripur	—	—	1.8	—	12.0	—
D. I. Khan	Bannu	—	—	0.4	—	4.2	11
	D. I. Khan	—	—	0.6	— 2.0	3.1	9
Quetta	Sibi	—	—	0.2	—	0.2	5
	Nokkundi	—	—	0.0		0.3	2
Kalat	Turbat	—	—	0.0	—	0.2	—
	Jiwani	—	—	0.0	—	2.0	5
	Pasni	— 3	— 3	0.0	— 0.6	0.0	6
Karachi division	Ormara	—	/	0.0	— 0.7	0.6	6
	Lasbela	—					8
	Karachi (Manora)	— 1	0	1.0	— 2.6	1.1	8
	Karachi (Ariport)	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar	—		0.0	—	0.0	—
	Chhor		—	0.2	—	0.3	7
	Hyderabad	+ 1	+ 1	0.2	— 2.8	0.3	9
	Badin	+ 1	— 1	0.3	— 3.6	0.3	—
Khairpur	Padidan	—	—	0.8	—	0.8	—
	Nawabshah	—	—	1.0	—	1.1	4
	Sukkur	—	—	0.0	—	0.0	—
	Kashmore	—					4
	Jacobabad	— 2	+ 1	0.5	— 0.6	0.8	20
Junagadh	Veraval						26
	HILL STATIONS						
Kashmir	Srinagar *						—
	Gulmarg **						71
	Sonamarg **						26
	Dras **						3
	Leh **						6
	Skardu *						—
	Misgar **						—
	Aliabad *						5
	Gilgit *						59
Rawalpindi	Murree *	—	—	7.2	— 7.8	25.9	18
Peshawar	Drosh *	— 4	0	1.1	—	12.2	29
	Cherat *	— 12	/	2.1	— 2.5	11.5	—
	Kakul *	—	—	3.4	—	19.2	—
	Landikotal *	—	—	1.5	—	12.0	29
	Prachinar *	— 3	— 1	4.0	—	14.7	13
D.I. Khan	Miranshah *	—	—	0.5	— 1.6	2.0	11
	Wana *	—	—	0.2	—	3.6	11
Quetta	Fort Sandeman *	— 3	+ 9	1.4	— 1.1	5.7	—
	Hindubagh *	—	—	2.7	—	6.0	9
	Loralai *	—	—	0.6	—	0.6	—
	Barkhan *						14
	Harnai *	—	/	0.8	— 2.5	2.6	9
	Samungli (Quetta) *	—					8
	Chaman *	+ 2	+ 7	0.0	— 0.1	2.7	—
	Nushki *	—	—	0.5	—	2.7	4
	Dalbandin *	— 1	+ 7	0.0	— 0.1	8.5	7
Kalat	Kalat *	— 2	+ 7	0.6	— 0.1	2.0	—
	Khuzdar *	—	—	1.6	—	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 ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 28th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_Lh_LC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_xT_xT_dT_d$	$1T_wT_wT_{ww}T$	$3P_wP_wH_wH_wd_wd_wP_wH_wH_w$	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
British Sailor ...	59 2 48	10 6 08	27 0 63	82 0 13	98 5 02	03 1 28	83 3 00	33 1 13			01 / 25	12 7 28	30 4 01	20 2 03
British Sailor	99 2 35	10 6 21	27 1 23	82 0 13	98 0 22	02 3 26	83 3 00	33 5 00			01 / 25	12 7 36	30 4 01	20 2 03
Biyomaru	99 2 43	10 5 89	26 1 84	41 3 15	96 0 31	03 0 28	47 4 00	33 2 05			05 8 27	13 2 00	...	...
British Chaivary	99 2 44	10 6 70	27 0 63	42 4 20	97 0 51	11 8 94	32 5 30	...			...	...	...	...
British Chaivary	99 2 34	10 6 76	27 0 03	72 4 00	97 0 51	12 0 89	56 2 70	...			...	...	...	...
Biyomaru	99 2 14	10 6 27	27 1 24	82 0 18	96 0 22	06 0 22	87 3 / /	33 7 05			00 2 25	12 7 05	...	...
Diyomaru	99 2 20	10 6 20	27 0 65	71 8 15	96 0 22	07 0 27	77 3 00	33 2 10			00 1 24	12 7 05	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PoPoPo ToToTo DoDo	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 TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	951 262 09	...	400 186 30	061 122 50	...	...	968 271 57	247 499 / /	...	...	...	...	...
Dacca ...	00 00	997 284 25	...	400 200 40	072 130 35	584 001 56	760 101 56	977 237 61	620 463 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	996 280 42	...	450 194 02	C26 034 / /	564 181 / /	728 251 / /	934 32/ / /	...	...	...	...	...	...
Multan ...	00 00	978 320 58	...	370 220 17	041 130 57	574 065 / /	749 171 / /	957 241 / / /	235 415 / /	...	...	...	...	...
Peshawar ...	00 00	957 232 30	...	350 190 00	014 090 00	575 021 07	749 131 / /	960 219 / /	249 389 / /	...	...	...	...	...
Quetta ...	00 00	031 236 64	...	...	053 142 / /	578 03/ / /	...	...	...	...	...	...	...	...
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD								Max. Wind Speed	TROPOPAUSE	
										PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 234 24	800 122 42	600 056 59	350 185 17	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 222 29	800 182 0/	600 064 50	350 169 56	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...													

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T† of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date(dd fff)						At 0600 hrs. G.M.T. † of Previous day (dd fff)								
	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	3.4	5.4	5.4	6.0	7.2	0.9
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	131 15	135 12	125 15	130 13	110 07	125 08	060 07	...	...	050 04	050 05	060 07	080 10	091 0/	...	105 04	090 06	085 09	080 13	...	...	...	...	...	...	...
Chaklala ...	..	120 11	115 15	130 12	135 11	200 04	305 16	...	...		040 17	045 27	205 03	...	...	....	085 10	090 15	090 24	075 21	350 10	300 13	...	285 15	...	...
Chhor ...										250 17	225 19	325 21	/// //	245 25	/// //	235 25	240 25	245 31	...	255 18	...	...	...	...	...	...
Chittagong ...	200 06	200 08	151 0/	/// / /	140 15	...	..	...	...							105 06	120 12	125 21	120 23	120 24	...	...	...	...	...	...
Cox's Bazar ...			...	...	...	...	...	...	...	130 24	130 30	140 31	140 34	...	...											
Dacca ...	145 03	145 09	140 10	100 12	100 10	090 10	...	...	...	115 17	125 26	120 25	...	100 19	...	090 12	110 11	115 12	125 25	105 12	095 31	090 22	100 26	100 24	...	...
Daibandin ...	..	...	240 08	250 16	258 17	270 23	275 14	260 22	330 12	...	...	450 08	265 19	295 15	300 31	...	...	260 09	270 15	300 16	300 15	300 22	315 23	345 19	100 05	105 19
D. I. Khan ...	165 09	165 12	155 12	160 17	165 18	171 5/	215 10	295 23	280 23	095 11	080 24	090 15	205 04	210 7/	230 10	030 08	025 08	045 06	075 04							
Drosh ...	...	...	...	230 15	225 25	185 15	...	...	...	...	...	...	...	...	...	..	...	...	245 06	220 06	200 04	315 03	280 17	270 19	...	...
Fort Sandeman ...	...	...	...	116 5/	190 09	260 12	330 29	325 36	...	...	...	...	045 05	210 07	270 12	...	...	...	040 05	035 05	230 09	265 17	265 19	238 14	245 27	275 40
Jacobabad ...	160 15	170 10	185 08	235 07	255 04	275 07	320 06	335 08	360 09	150 23	195 21	/// / /	195 10	215 08	275 14	130 17	155 11	265 09	265 12	275 19	295 12	265 21	255 21	260 20	...	...
Jessore ...	125 12	120 15	140 18	150 19	150 23	...	...	...	...	110 17	115 17	110 17	100 21	090 23	085 25	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	135 03	125 18	130 08	070 08	325 05	250 09	315 13	290 15	295 21	...	...	...	...	...	...	060 06	070 08	070 09	145 10	140 19	235 05	285 14	331 66	...	...	...
Jiwani ...	200 07	200 06	...	..	...	...	...	...	...	205 11	205 10	...	...	...	...	200 09	185 05	...	...	...	...	...	...	...	...	...
Karachi ...	250 21	260 15	...	...	...	...	...	...	...	...	...	...	...	...	...	268 15	290 19	...	...	...	...	...	...	...	...	...
Khanpur ...	235 15	220 13	220 13	245 08	255 0/	250 17	265 26	280 30	...	135 07	130 12	130 11	223 05	...	...	170 21	175 23	175 23	205 19	210 18	285 33	295 11	230 33	192 03	..	...
Lahore ...	045 02	080 02	080 03	050 04	055 04	355 10	...	...	...	205 17	225 21	230 32	...	235 08	...	215 15	225 18	235 22	...	...	...	...	...	...	...	...
Multan ...	185 11	185 14	185 12	190 10	150 13	250 20	320 20	310 29	...	245 13	260 07	230 08	305 04	340 10	345 07	220 07	290 07	300 06	350 4/	340 05	295 04	325 09	045 09	060 10	...	...
Nawab Shah ...	230 11	225 12	225 19	215 26	190 69	135 05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjar ...	...	...	...	...	...	...	...	...	...	...	070 37	...	...	...	...	...	120 04	205 09	150 13	165 13	...	...	...	...	...	...
Peshawar ...	...	180 18	175 12	140 09	130 07	...	...	...	...	...	...	060 22	125 09	21/ 11	285 06	...	...	...	...	215 05	270 14	290 24	340 12	335 20	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	275 11	295 10	...	...	...	...	...
Sargodha ...	145 07	150 09	150 08	150 02	275 01	275 10	285 18	...	...	155 09	105 05	070 56	...	...	...	009 07	105 10	15/ 07	225 04	...	...	...	...	...	...	...
Sylhet ...	03/ / /	075 02	105 03	115 04	115 07	115 14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	255	261 27	255 30	270	290 17	305 15	360 11	360 13	305 11	..	..	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

dd Hundreds and tens of degree of wind direction rounded off to the nearest 5°

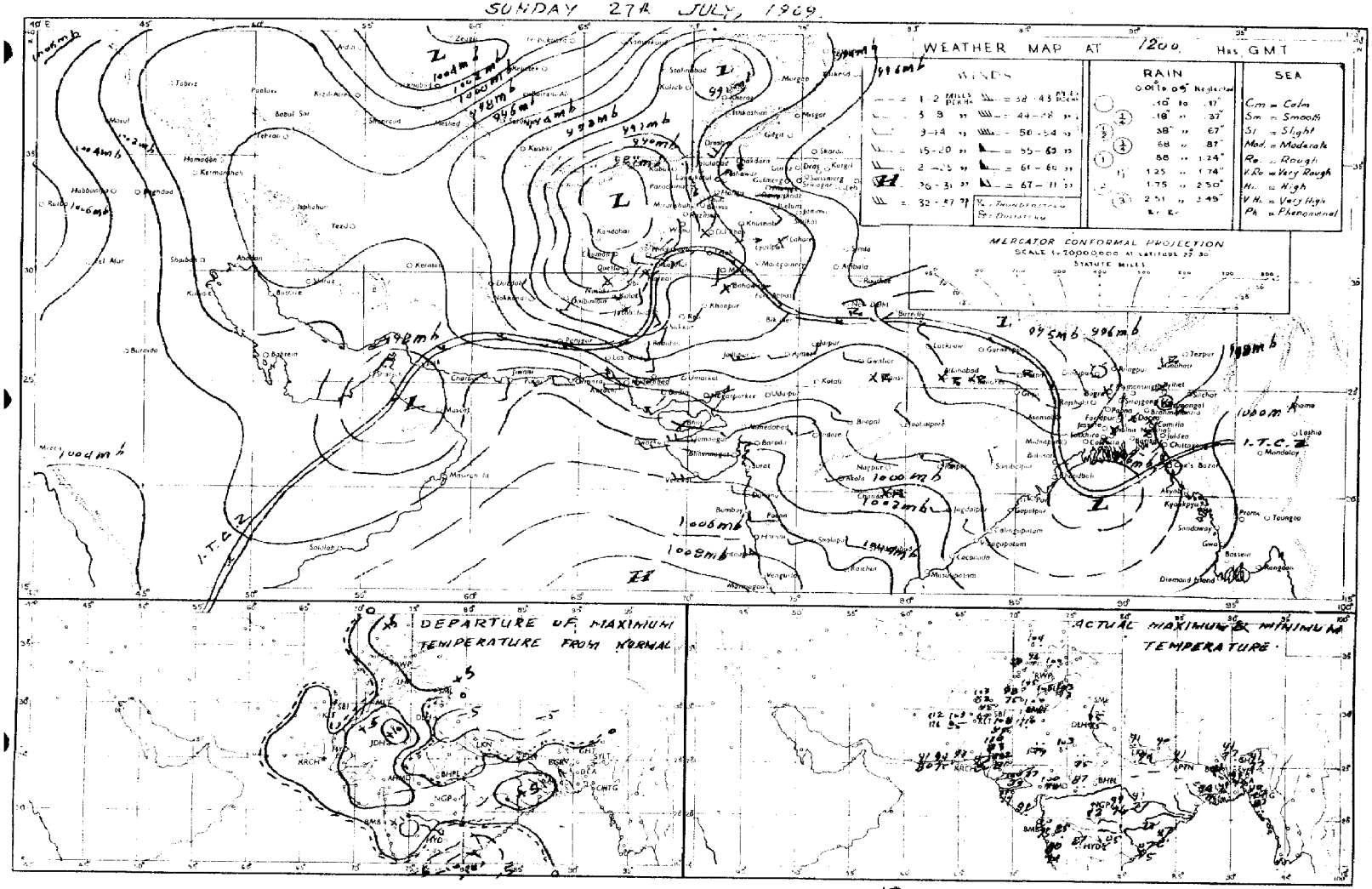
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

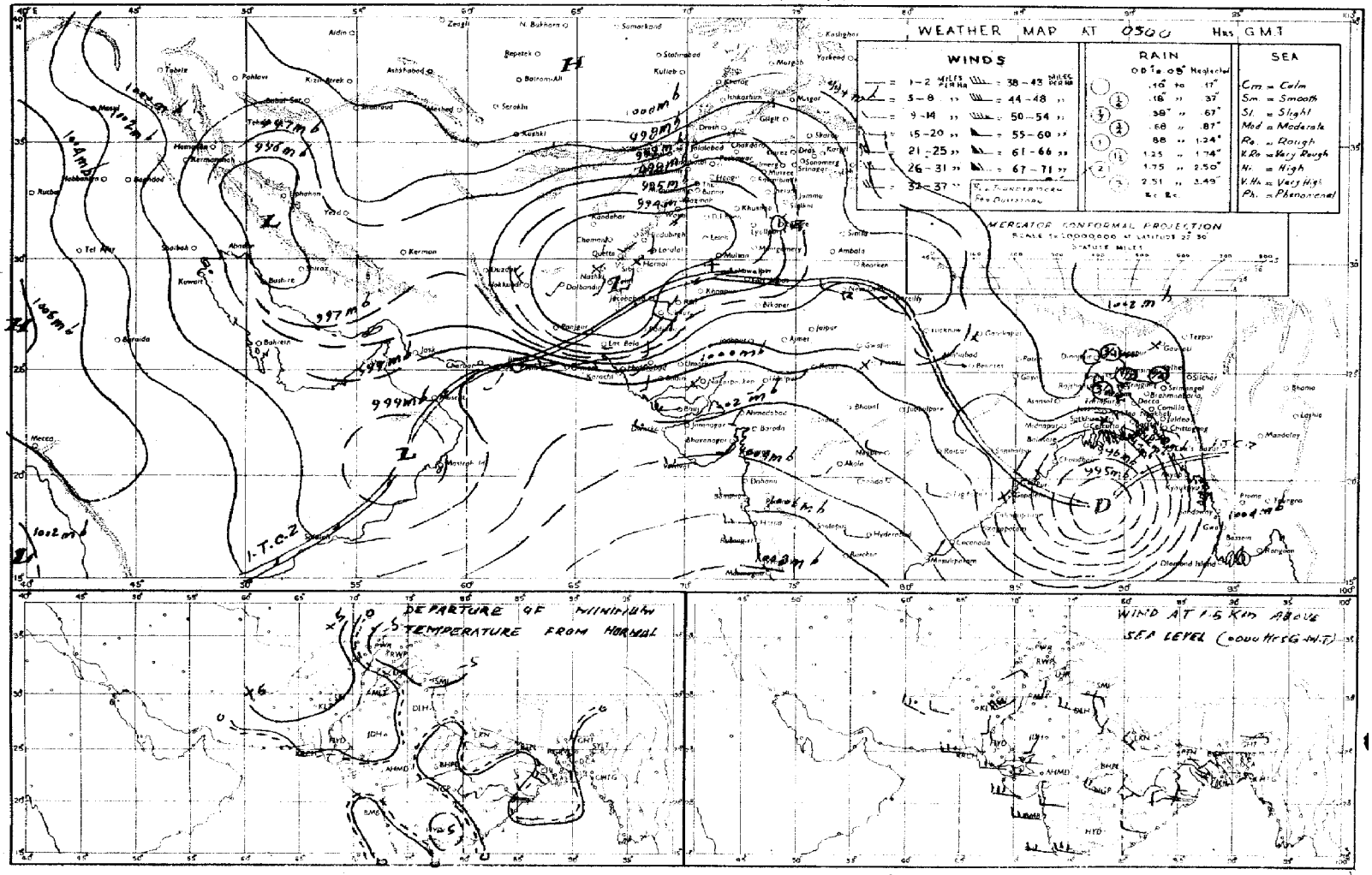
SUNDAY 27th JULY, 1969.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 28th JULY, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

TUESDAY THE 29th JULY, 1969.

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

Observations are meagre but believe yesterday's depression moved northwestwards and was centred last evening at 28,1200 G.M.T. within half a degree of latitude 19½ °N and longitude 88½ °E. Continuing to move in the same direction deepened and now lies at 29,0300 G.M.T. within half a degree of latitude 20 °N and longitude 88 °E. It is likely to move in a northwesterly direction. Under its influence local rain/thundershowers occurred in Chittagong, Dacca and Khulna divisions and scattered in Rajshahi division. The westerly low pressure wave north of Peshawar division has moved away eastwards. Under its influence fairly widespread rain or thundershowers have occurred in Sargodha division, local in Lahore and D. I. Khan divisions and a few thunderstorms or showers in Multan and Peshawar divisions.

Chief amounts of rainfall are : Sylhet and Sargodha 3" each, Srimangal, Narayanganj (each upto 000 Z) and Rangpur, Lahore, Lyallpur and D. I. Khan ½" each and Rangamati, Sirajganj (each upto 000), Rajshahi, Dacca, Bannu ¼" each.

Day temperatures were 3—7 °F (2—4 °C) above normal in East Pakistan and 6—12 °F (3—7 °C) below normal in Lahore, Sargodha and Peshawar divisions and 3—5 °F (2—4 °C) so in Rawalpindi, D. I. Khan, Western Quetta and Kalat divisions.

Forecast valid until the evening of 30th July 1969 :—Fairly widespread rain/thundershowers are likely to occur in East Pakistan and scattered in west Pakistan outside Kalat, Karachi, Khairpur and Hyderabad divisions.

Karachi-11
The 29th July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	020	4	7	27	02	98	02	9	965	82	5	3	5	7	/	79	94
	Cox's Bazar	000	0	7	15	10	97	03	2	955	82	6	7	4	3	0	79	90
	Chittagong	005	3	7	13	0?	96	02	6	954	82	5	3	4	4	1	79	94
	Maijdee Court	000	9	8	C8	02	96	03	2	943	81	5	2	5	2	0	77	90
	Comilla	000	0	7	18	05	96	03	9	962	81	7	4	4	0	0	77	94
	Brahmanbaria	000	0	6	13	03	97	03	1	949	90	6	3	5	0	0	81	91
	Sylhet	000	0	4	05	03	97	03	/	942	90	3	3	5	3	/	81	95
	Srimangal	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	000	0	7	13	02	96	03	2	945	90	4	5	5	3	/	79	90
	Narayanganj	012	2	5	13	03	97	21	6	946	87	4	8	5	7	0	79	91
	Dacca (Tezgaon)	000	0	3	11	02	97	01	!	981	86	2	4	6	!	0	77	90
	Faridpur																	
Khulna	Barisal	026	3	6	13	//	97	02	6	944	84	5	8	4	7	0	79	87
	Khulna	000	0	4	00	00	97	03	0	961	84		2	4	0	8	87	90
	Satkhira	010	3	4	07	02	97	03	5	933	86	4	4	5	2	0	79	91
	Jessore	002	3	4	07	08	97	02	6	936	86	2	4	5	3	1	79	90
Rajshahi	Pabna	000	0	1	05	05	99	01	0	944	90	9	0	9	0	3	79	91
	Sirajganj	000	0	2	09	01	97	01	1	940	90	2	2	6	0	0	81	90
	Rajshahi	009	9	2	13	02	96	03	6	945	87	2	4	5	0	0	79	90
	Bogra	000	3	5	00	00	96	03	6	946	87	1	1	6	3	8	79	90
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangpur	040	6	3	00	03	96	01	6	955	84	2	2	6	1	0	77	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	150	9	6	07	03	96	01	9	948	86	1	5	6	7	0	77	87
	Sialkot																	
Rawalpindi	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Islamabad																	
	Rawalpindi	000	0	2	11	02	99	01	2	944	90	2	/	/	0	0	73	91
	Campbellpur																	
Sargodha	Khushab	000	0	7	09	05	99	02	2	942	96	5	4	8	8	0	87	98
	Sargodha	120	9	1	09	03	97	01	1	946	90	1	5	6	3	0	76	90
	Lyallpur	154	9	5	36	01	96	02	9	951	86	5	4	8	0	0	73	90
Multan	Sahiwal	000	0	4	00	00	96	05	1	921	00	2	2	6	3	0	78	00
	Multan																	
	Leiah																	
Bahawalpur	Khanpur	000	0	0	36	05	97	02	0	905	00	0	0	9	0	0	70	02
	Bahawalpur	000	0	0	00	00	96	00	0	942	02	0	0	9	0	0	78	02
	Fort Abbas	///	/	0	23	02	98	00	0	507	11	0	0	9	0	0	73	11
Peshawar	Chakdra	000	0	2	36	02	97	03	1	936	//	2	1	7	0	0	76	87
	Peshawar	008	0	6	05	02	98	02	1	947	90	1	9	6	3	0	72	50
	Haripur																	
D. I. Khan	Bannu	000	1	6	00	00	98	04	5	947	87	2	2	7	4	0	76	91
	D. I. Khan																	
Quetta	Sibi	000	0	0	18	03	97	02	0	903	07	0	0	9	0	0	58	08
	Nokkundi	000	0	0	31	16	95	07	0	995	02	0	0	9	0	0	49	03
Kalat	Turbat	000	0	6	18	09	96	01	2	976	85	4	5	5	3	0	73	87
	Jiwani	000	0	4	25	10	97	02	0	588	86	/	/	/	/	/	74	87
	Pasni																	
Karachi division	Ormara	000	0	5	25	09	96	02	2	583	84	5	6	6	0	0	78	86
	Lasbela	///	0	0	13	03	97	00	0	935	00	0	0	8	0	0	75	02
	Karachi (Manora)	000	0	2	27	14	97	02	1	968	84	0	0	9	0	1	75	86
	Karachi (Ariport)	000	0	4	27	17	96	01	2	971	85	4	6	5	0	0	73	88
Hyderabad	Nagarparker	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chhor																	
	Hyderabad	000	0	0	23	17	94	04	0	938	92	0	0	9	0	0	71	96
	Badin	000	0	8	23	08	96	03	0	981	88	0	0	9	0	8	77	91
Khairpur	Padidan	000	0	0	23	07	96	02	0	901	08	0	0	9	0	0	65	10
	Nawabshah	000	0	0	18	12	96	01	1	909	05	0	0	9	0	0	74	07
	Sukkur	000	0	0	00	00	96	02	0	8 3	11	0	0	9	0	0	76	12
	Kashmore	000	0	0	05	03	98	02	0	925	01	0	0	9	0	0	76	04
	Jacobabad	000	0	0	13	07	97	02	1	892	05	0	0	9	0	0	77	06
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	4	8	00	00	96	03	4	409	59	8	5	2	/	/	60	72
Peshawar	Drosh *	000	5	5	25	10	99	02	9	357	90	3	2	7	6	0	49	91
	Cherat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Landikotal *	009	7	0	05	05	98	02	0	393	83	0	0	9	0	0	67	85
	Prachinar *	030	1	5	16	05	96	17	9	420	80	5	9	5	6	0	63	99
D.I. Khan	Miranshah *	000	0	6	05	05	96	01	0	433	90	6	0	9	0	0	73	95
	Wana *	000	0	/	22	05	97	03	0	383	85	0	3	0	0	0	73	87
Quetta	Fort Sandeman *	000	7	2	27	12	97	01	0	352	93	2	4	7	0	0	52	99
	Hindubagh *	000	0	0	23	03	97	05	0	387	94	0	0	9	0	0	46	95
	Loralai *	000	0	4	13	02	98	01	0	339	86	0	1	8	0	4	78	97
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	351	00	0	0	9	0	0	63	99
	Samungli (Quetta) *	000	0	0	27	05	96	05	0	365	93	0	0	9	0	0	76	95
	Chaman *	000	0	0	23	07	96	00	0	372	96	0	0	9	0	0	32	96
	Nushki *	000	0	0	23	07	95	05	0	449	02	0	0	9	0	0	73	04
	Dalbandin *	000	0	0	23	14	93	07	4	377	04	0	0	9	0	0	37	06
Kalat	Kalat *	000	0	5	27	02	96	03	0	364	36	0	0	9	0	8	64	88
	Khuzdar *	000	0	4	23	03	97	03	0	970	30	3	5	9	9	6	45	97
	Panjgur *	000	0	0	23	03	96	01	0	388	95	0	0	9	0	0	77	96

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 clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts ff (24)	Horizontal visiblity † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (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, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	078	0	6	18	09	//	//	/	982	87	4	4	6	7	2	77	85	—	—	47.7	—	54.2	—
	Cox's Bazar	010	1	8	13	12	96	51	5	971	79	4	4	4	3	0	75	77	+ 5	+ 1	—	—	—	140
	Chittagong	005	9	7	13	17	96	01	6	968	84	3	4	4	3	/	75	68	+ 6	— 9	—	—	—	108
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					115
	Comilla	030	9	4	18	05	96	02	/	016	90	0	0	9	0	0	75	77	+ 7	—	—	—	—	94
	Brahmanbaria	120	9	1	60	32	97	03	?	971	86	6	5	5	0	0	79	77	—	—	28.4	+ 3.8	38.0	78
	Sylhet	268	7	5	09	05	97	02	9	964	86	2	5	5	3		77	75	—	—				—
	Srimangal	642	9	3	00	00	96	02	9	987	96	0	0	9	2	1	79	77		+ 1	35.6	+ 4.7	51.8	98
Dacca	Mymensingh	052	0	8	13	06	97	03	2	960	87	0	5	3	/	/	76	79	+ 2	— 1	23.6	— 1.0	47.0	91
	Narayanganj	019	9	5	09	09	97	03	?	959	87	5	8	4	4	0	75	79	—	—				74
	Dacca (Tezgaon)	005	0	8	11	11	97	02	2	957	84	6	4	5	1	0	77	80	+ 3	+ 1	19.6	— 4.9	33.2	—
	Faridpur																							71
Khulna	Barisal	044	5	7	09	03	97	03	6	953	83	7	4	5	0	0	81	79	0	0	28.7	— 1.6	38.7	81
	Khulna	000	0	4	00	00	97	03	0	985	86	2	2	4	0	0	//	81	+ 3	+ 3	17.4	— 8.6	23.6	68
	Satkhira	020	0	6	09	02	97	03	1	941	85	6	5	5	2	0	79	81	+ 3	+ 2	15.6	— 9.3	20.9	65
	Jessore	015	9	7	09	05	96	51	6	946	82	6	7	2	2	0	62	79	—	—	26.0	— 3.0	29.2	65
Rajshahi	Pabna	000	9	7	05	05	97	03	9	945	85	7	6	7	0	0	77	79	—	—	16.7	—	30.4	59
	Sirajganj	050	3	2	13	02	98	02	6	962	86	2	2	6	0	0	81	79	+ 3	— 1	22.3	— 0.9	29.0	64
	Rajshahi	023	9	5	09	07	96	03	1	961	87	5	5	5	0	0	78	79	+ 1	0	24.4	+ 2.8	38.4	—
	Bogra	004	3	6	09	05	96	02	2	964	86	3	4	4	3	1	77	81	+ !	+ 1	17.2	— 7.6	28.2	69
	Dinajpur	000	0	0	09	02	96	00	0	984	89	0	0	9	0	0	79	81		+ 1	36.5	+ 8.4	59.5	72
	Rangpur	040	0	6	09	02	96	03	1	996	87	4	5	6	2	0	79	82	+ 4	+ 4	39.9	+ 7.0	58.6	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	040	0	0	02	00	96	03	/	973	82	1	5	6	7	/	79	73	— 12	— 6	10.0	+32.0	14.5	19
	Sialkot																							32
Rawalpindi	Jhelum	000	0	6	27	02	97	03	0	981	84	4	3	6	7	0	73	75	—	—	10.7	—	19.1	—
	Islamabad																							—
	Rawalpindi	000	0	1	00	00	99	00	0	977	84	!	0	9	4	0	73	77	— 5	0	3.9	— 5.9	14.0	36
	Campbellpur																							—
Sargodha	Khushab	///	7	8	00	00	97	03	6	936	79	6	2	6	8	4	73	73	— 4	— 9	0.1	— 5.0	3.5	15
	Sargodha	295	5	8	23	07	96	95	9	998	73	4	3	4	2	/	73	71	—	—	—	—	—	—
	Lyallpur	038	4	6	36	03	96	97	9	991	75	6	9	7	0	0	69	73	— 11	— 9	40.1	+ 0.2	7.0	12
Multan	Sahiwal	003	3	5	27	03	99	99	9	972	81	2	5	6	3	0	73	//	— 1	/	7.8	— 5.5	10.9	10
	Multan																							7
	Leiah																							8
Bahawalpur	Khanpur	000	0	3	00	00	96	02	0	964	84	0	0	9	0	/	73	61	— 1	— 2	0.0	— 2.4	1.0	6
	Bahawalpur	000	0	0	00	00	95	00	0	980	84	0	0	9	0	0	73	82	0	— 1	0.6	— 2.0	2.0	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdra	000	0	0	27	02	98	01	0	971	77	0	0	9	0	4	69	73	—	—	1.4	—	10.8	—
	Peshawar	008	0	1	18	01	98	02	0	977	84	1	1	6	3	0	75	79	— 11	— 1	0.3	— 1.2	9.0	11
	Haripur																		—					—
D. I. Khan	Bannu	030	0	6	13	01	98	61	2	988	79	4	3	6	2	0	73	77	—	—	0.4	—	4.2	11
	D. I. Khan																							9
Quetta	Sibi	000	0	2	13	03	97	03	1	957	92	0	2	9	2	0	54	90	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	31	21	96	02	0	953	85	0	0	9	0	0	14	80	—	—	0.8	—	0.3	2
Kalat	Turbat	000	0	8	13	05	96	03	2	983	82	5	6	5	5	0	74	81	—	—	0.0	—	2.0	—
	Jiwani	000	0	4	11	02	97	02	0	998	79	0	4	9	0	0	78	75	— 4	— 3	0.0	— 0.7	0.0	5
	Pasni																							6
Karachi division	Ormara	000	0	7	27	05	96	86	6	002	79	7	6	6	0	0	78	15	—	—	0.0	— 0.7	0.6	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1					8
	Karachi (Ariport)	000	0	7	27	10	96	02	2	985	82	5	6	5	3	0	74	79	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	000	0	8	05	02	96	02	0	021	83	/	/	/	/	/	76	79		—	0.0	—	0.0	—
	Chhor																							7
	Hyderabad	000	0	0	23	10	96	C6	0	973	84	0	0	9	0	0	72	81	—	+ 6	0.2	— 3.0	0.3	9
	Badin	000	0	4	23	03	96	03	0	993	82	0	0	9	0	5	76	80	— 2	— 1	0.3	— 3.6	0.3	—
Khairpur	Padidan	000	0	3	09	03	97	01	!	960	85	2	5	7	1	0	72	82	—	—	0.0	—	0.0	—
	Nawabshah	003	0	0	18	05	96	02	0	954	85	0	0	9	0	0	76	81	—	—	1.0	—	1.1	4
	Sukkur	000	9	6	13	05	96	03	2	951	85	6	0	9	6	0	75	82	—	—	0.0	—	0.0	—
	Kashmore	000	8	4	18	02	98	03	2	926	85	0	0	9	0	4	76	83	—	—	0.0	—	0.0	4
	Jacobabad	000	0	7	09	09	96	03	1	956	86	0	0	9	0	4	76	84	— 1	0	0.5	— 0.7	0.8	20
Junagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							3
	Dras **																							6
	Leh **																							—
	Skardu *																							—
	Misgar **																							5
	Aliabad *																							59
	Gilgit *																							
Rawalpindi	Murree *	000	0	0	05	05	98	00	1	428	68	0	0	9	0	0	58	58	—	—	7.2	— 2.5	25.9	18
Peshawar	Drosh *	000	0	1	23	07	99	00	0	416	73	1	2	7	0	0	54	//	— 6	/	1.0	—	12.2	29
	Cherat *	000	0	0	18	02	98	C0	0	///	73	0	0	9	0	0	65	//		/	2.1	— 2.6	11.5	—
	Kakul *	000	0	0	31	02	99	03	0	423	77	0	0	9	0	0	59	65	—		3.4	—	19.2	—
	Landikotal *	///	/	0	36	02	98	02	/	416	73	0	0	9	0	0	65	64	—	—	1.6	—	12.1	29
	Prachinar *	000	0	6	11	02	97	02	2	4.6	69	5	8	6	6	0	60	64	+ 13	— 2	4.0	—	14.7	13
D.I. Khan	Miranshah *	000	0	4	05	05	96	02	0	414	81	4	0	9	0	0	73	73	—	—	0.5	— 1.7	2.0	11
	Wana *	000	0	1	00	00	98	00	0	383	73	0	1	0	0	0	64	73	—	—	0.2	—	3.6	11
Quetta	Fort Sandeman *	000	0	6	05	03	97	03	1	404	77	5	6	6	3	0	64	73	0	+ 7	1.4	— 1.2	5.7	—
	Hindubagh *	000	0	0	27	03	97	02	0	426	72	0	0	9	0	0	43	61	—	—	2.7	—	6.0	9
	Loralai *	000	0	0	69	02	98	00	0	460	80	0	0	9	0	0	45	58	—	—	0.6		0.6	—
	Barkhan *																							14
	Harnai *	000	0	2	00	00	96	03	2	368	81	0	5	7	0	0	64	//		/	0.8	— 2.6	2.6	9
	Samungli (Quetta) *	000	0	0	13	05	95	05	0	///	79	0	0	9	0	0	72	69	—	—	0.5	— 0.1	3.2	8
	Chaman *	000	0	0	18	03	97	00	0	386	78	0	0	9	0	0	53	76	— 4	+ 1	0.0	— 0.1	2.7	—
	Nushki *	003	0	0	03	00	95	05	0	448	87	0	0	9	0	0	64	85	—	—	0.5	—	2.6	4
	Dalbandin *	000	0	0	05	05	95	05	0	398	83	0	0	9	0	0	31	77	— 3	— 1	0.0	— 0.1	0.5	7
Kalat	Kalat *	000	0	0	18	02	97	02	0	396	72	0	0	9	0	0	49	64	— 3	+ 3	0.6	— 0.2	2.0	—
	Khuzdar *	003	0	0	27	02	96	02	0	392	75	0	0	9	0	0	60	73	—	—	1.6	—	2.0	5
	Panjgur *	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 7					—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 29th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	$7RR t_Rt_R$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Avedrechd	59 1 61	10 5 70	28 3 63	82 0 24	97 0 22	05 0 25	31 3 07	3 / / 23			...	12 0 50	30 4 04	21 0 09
Avedravhc	99 1 56	10 5 67	28 4 23	82 1 20	97 0 72	04 0 24					00 8 07	12 2 0/	30 5 05	21 0 10
British Sailor	99 2 22	10 6 51	28 0 03	72 1 15	58 0 22	01 9 27	4/ / / /	33 7 03			0/ / 25	12 5 83	30 6 03	19 0 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
		PoPoPo ToToTo DoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	993 282 22	...	400 190 00	052 118 17	579 027 17	754 107 33	967 252 59	249 285 / /	...	...	...	...	...
Dacca ...	00 00	994 280 20	...	350 202 48	039 130 56	580 015 57	755 101 56	972 245 61	254 475 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	995 274 42	...	400 204 08	007 094 15	573 055 / /	740 171 / /	958 285 / /	240 415 / /	...	...	...	..	...
Multan ...	00 00	982 268 60	...	...	004 100 / /	568 151 / /	733 2/1 / /	93[illegible] 331 / /	216 481 / /	...	...	...	..	...
Peshawar ...	00 00	958 260 30	...	400 244 00	060 140 44	581 00/ / /	757 265 / /	978 155 / /	...	...	...	...	..	...
Quetta ...	00 00	812 177 15	...	...	048 129 / /	5[illegible]8 153 / /	742 179 / /	953 295 / /	233 459 / /	...	...	...	..	...
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tf_{as}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 218 00	800 174 02	600 050 05	350 177 59	...	...	...	...	...	...	..	...
Dacca ...	00 00	900 224 45	800 170 53	600 064 57	350 161 57	...	...	...	...	..	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	..	...
Peshawar ...	00 00	...	...	...	...	...	...	...	..	...	...	...	...
Quetta ...	00 00	...	...	..	..	...	...	..	...	...	...	...	...
Sargodha ...													

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T† of Previous day (dd fff) 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
Bogra ...	090 07	090 18	090 10	105 13	100 17	100 22	092 5/	085 27	085 21
Chaklala ...	..	140 11	145 15	150 12	185 04	...	...		...
Chhor ...	325 34	230 42	235 36	.	...	...	.	...	...
Chittagong ...	190 21	130 29	130 37	...	135 28	...	...	...	...
Cox's Bazar ...	145 22	150 25	145 32	150 31	...	...	...	..	...
Dacca ...	120 05	100 04	125 05	135 15	130 21	110 23	105 16	...	
Dalbandin ...	..	...	240 11	225 13	280 15	315 05	335 21	345 30	350 32
D. I. Khan ...	038 08	075 07	085 07	080 05	110 05	245 04	281 15	300 23	285 54
Drosh ...	...	..	...	250 14	235 17	..	..	...	
Fort Sandeman ...	...	...	...	325 04	300 04	280 06	230 20	205 26	205 26
Jacobabad ...	100 15	095 33	090 13	055 09	035 06	010 02	325 06	315 05	285 04
Jessore ...	105 15	095 17	095 16	100 20	...	..	...		..
Jhelum ...	135 11	115 09	115 10	099 11	275 04	255 08	275 25	280 23	270 39
Jiwani ...	180 11	170 08	095 05	..	...	...	...		...
Karachi ...	260 21	255 24	260 29	...	...	...	...		...
Khanpur ...	340 08	005 07	/// / /	090 18	140 04	125 21	192 7/	225 51	23 / 4/
Lahore ...	080 10	110 08	135 07	1/0 06	225 10	240 17	280 12	..	...
Multan ...	205 03	239 04	235 02	135 02	060 06	...		..	..
Nawab Shah ...	240 07	240 02	230 04	225 03	270 04	300 07	330 / /	020 14	020 09
Panjgar ...	...	...	...	...	...	...	..		
Peshawar ...	...	050 04	046 04	140 04	150 10	240 14	305 13	300 30	280 33
Quetta ...	...	...	...	...	270 08	235 15	285 17	295 16	320 19
Sargodha ...	100 09	110 12	115 13	190 10	060 10	230 02	185 14	..	190 14
Sylhet ...	020 0/	015 03	070 04	115 06	.	...	...	...	...
Veraval ...	...	...	...	...	...	...		...	...

Height in Kms. a.s.l. —>	At 0000 hrs. G.M.T. † of date(dd fff) 0.3	0.6	0.9	1,5	2.1	3.0
STATION 1	11	12	13	14	15	16
Bogra ...	110 18	105 17	095 17	075 13	080 / /	...
Chaklala ...	...	...	...	...		...
Chhor ...	230 34	245 33	345 39	...	355 34	...
Chittagong ...	No	Ascent	...	...	...	...
Cox's Bazar ...	...	...	...	...	..	..
Dacca ...	...	.	...	...	...	..
Dalbandin ...	...	...	250 07	195 03	165 09	607 / /
D. I. Khan ...	110 06	145 01	315 01	441 85	255 03	360 03
Drosh ...	...	...	...	154 08	295 04	...
Fort Sandeman ...	...	.	...	045 09	195 0/	265 09
Jacobabad ...	155 10	120 / /	130 10	169 07	215 10	270 08
Jessore ...	095 21	095 29	105 24	135 15	140 12	140 08
Jhelum ...	125 06	140 08	140 09	145 14	180 06	200 04
Jiwani ...	140 07	140 07	...	...	.	...
Karachi ...	...	...	...	..	...	
Khanpur ...				...	...	
Lahore ...	091 9/	135 12	140 10	185 04	235 06	245 06
Multan ...	305 21	305 22	300 13	..	295 13	.
Nawab Shah ...	345 12	355 0/	215 04	519 00	105 07	/23 50
Panjgar ...	...		...	...	...	
Peshawar ...	..	195 01	300 01	140 01	015 01	345 01
Quetta ...	...	..	..	...	...	...
Sargodha ...	.	...		...	...	...
Sylhet ...	020 05	040 04	075 55	...	...	...
Veraval ...	...	...	...	...	...	..

Height in Kms. a.s.l. —>	At 0600 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	120 15	115 18	/// / /	100 20	100 24	100 2/	100 21	100 23	095 24	...	...
Chaklala ...	...	200 07	210 03	265 01	115 05	085 08	280 06	...	..	...	...
Chhor ...	240 19	240 27	240 21	250 23	...	...	..	...	...	...	..
Chittagong ...	120 08	120 10	130 11	130 15	135 22	...	...	..	...	...	
Cox's Bazar ...	140 12	145 15	155 19	...		...	...	...	...	...	
Dacca ...	130 10	130 23	130 26	130 10	130 25	...	...	...	...	...	...
Dalbandin ...	...	...	250 07	220 06	210 10	280 08	015 11	320 17	335 21	...	...
D. I. Khan ...	050 5/	045 08	030 09	005 11	350 13	340 15	340 04	255 04	320 09	...	...
Drosh ...	...	...	...	205 24	185 15	225 49	280 13	..	245 56		...
Fort Sandeman ...	...	...	...	035 01	360 03	300 11	295 08	...	...	...	...
Jacobabad ...	105 56	115 23	...	...	...	...	...	...	...	...	...
Jessore ...	095 19	110 18	175 20	110 23	...	...	...	...	...	...	...
Jhelum ...	255 04	280 07	275 08	160 09	145 06	035 02	...	...	...	..	..
Jiwani ...	105 06	115 03	...	...	...	...	...	...	...	...	...
Karachi ...	260 21	265 17	265 18	...	...	...	...	...	...		...
Khanpur ...	050 07	069 / /	080 10	080 12	052 0/	065 11	001 0/	020 12	035 07	..	...
Lahore ...	340 07	350 13	350 15	305 17	265 11	...	..	...	...	...	...
Multan ...	260 07	360 08	325 07	325 07	290 12	315 09	330 19	295 2/		...	..
Nawab Shah ...	235 06	265 00	305 06	220 03	245 03	205 03	305 06	340 07	280 24	...	...
Panjgar ...	...	...	...		...	...	...	...	...	...	...
Peshawar ...	...	100 05	090 31	120 04	075 21	285 04	295 1/	...	...	...	...
Quetta ...	...	...	...	...	325 55	32/ /8	300 12	280 15	280 17	..	...
Sargodha ...	005 10	225 03	185 05	145 12	120 18	100 10	070 14	...	...	...	...
Sylhet ...	115 08	115 14	110 25	115 06	...	...	..	...	...	..	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	42.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	255 21	255 23	260 25	260 19	260 11	340 09	360 07	360 12	36015	...	..	...	...	...	...	...	..	...
Peshawar ...																		
Quetta ..																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

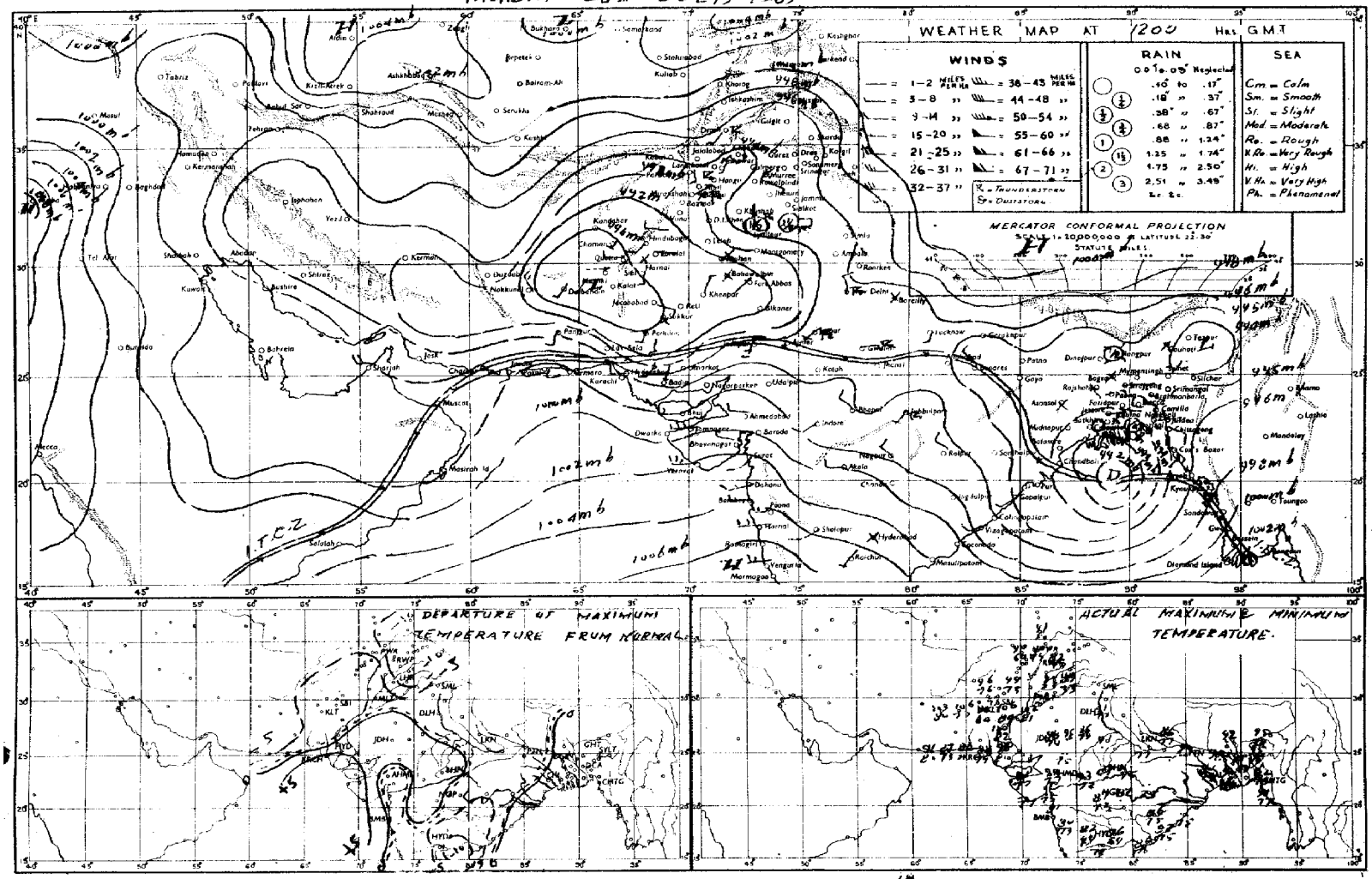
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

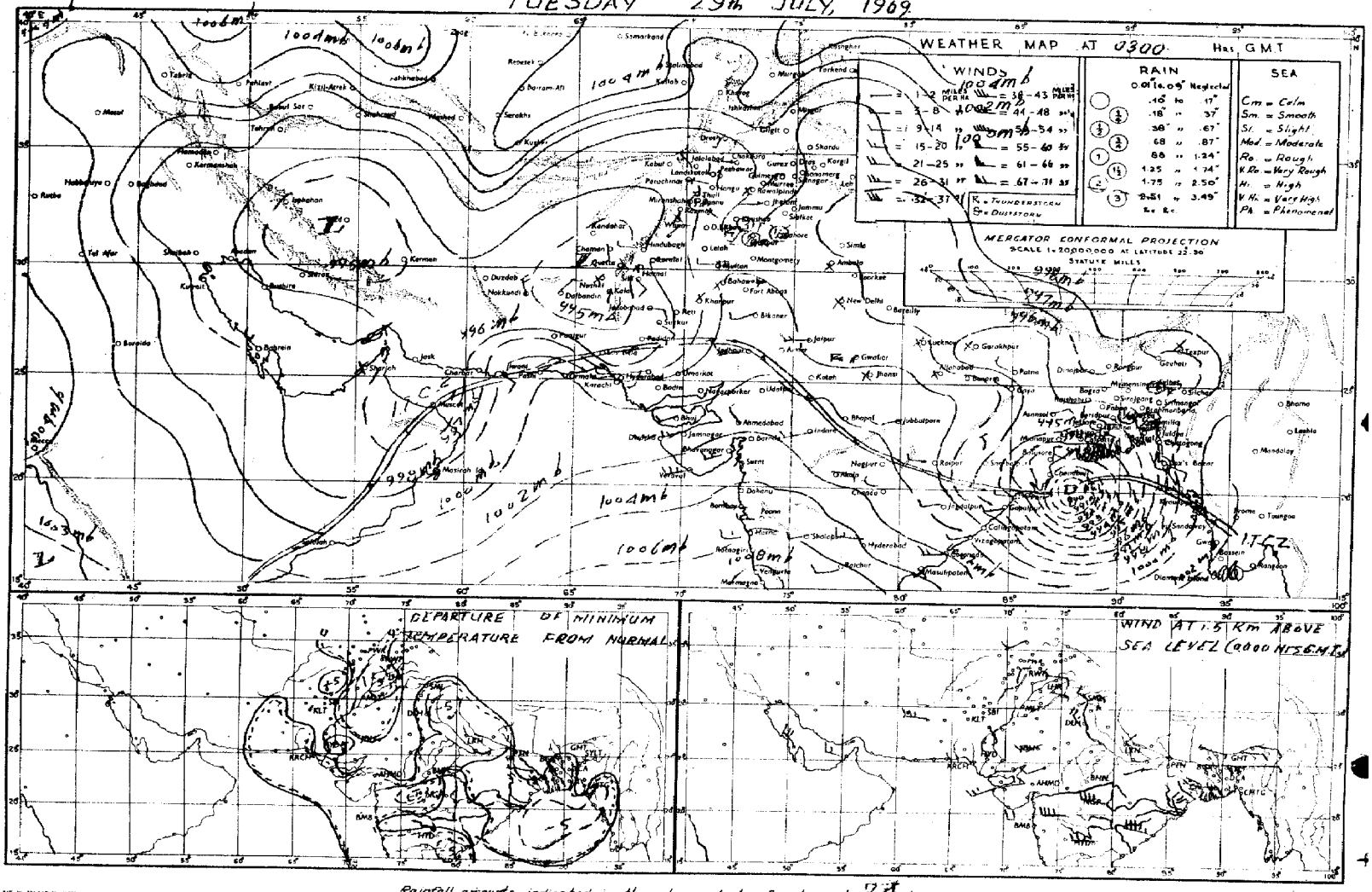
MONDAY 28th JULY, 1969



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 29th JULY, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY THE 30th JULY, 1969.

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

Observations lacking but believe yesterday's deep depression moved northwestwards and was centred at 29,1200 G.M.T. within one degree of latitude 20½ °N and longitude 87½ °E. Observations meagre but believe it continued moving in the same direction and is now crossing coast at 30,0300 G.M.T. close to longitude 87 °E. It is likely to move in a north westerly direction and weaken.

Under its influence fairly widespread rain/thundershowers have occurred in Khulna division and local in Chittagong division. A few falls of light rain have been also reported from Dacca and Rajshahi divisions.

Yesterday's westerly low pressure wave has moved away eastwards. A fresh one is moving across north of Afghanistan.

Under their influence local rain/thundershowers have occurred in Lahore and Sargodha divisions, scattered in D. I. Khan division and a few thunderstorms/light showers in Rawalpindi and Peshawar divisions.

Chief amounts of rainfall are : Sargodha (upto 1200 Z) 2", Brahmanbaria 1½", Srimangal (upto 1200 G.M.T.) and Maijdee Court ½" each and Jessore (upto 1200 G.M.T.) and Rangamati, Cox's Bazar, Barisal, Satkhira and Lahore ½" each.

Day temperatures were 3—8 °F (2 4 °C) above normal in Chittagong, Dacca and Rajshahi divisions and 3—5 °F (2—4 °C) below normal in Multan, Bahawalpur, Peshawar, Quetta and Kalat divisions and 8—12 °F (4—7 °C) so in Lahore, Sargodha and Khairpur divisions.

Forecast valid until the evening of 31st July 1969 :—Fairly widespread rain/thundershowers are likely to occur in East Pakistan, scattered thunderstorms/showers are also likely to occur in Quetta, D. I. Khan, Peshawar, Rawalpindi, Sargodha and Lahore divisions and Kashmir.

Karachi-11
The 30th July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

At 12 Hrs. G.M.T. of Previous day (columns 3–19)

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	034	3	4	18	03	98	02	6	955	80	4	3	5	7	1	80	90
	Cox's Bazar ...	017	9	7	13	03	97	21	6	948	82	4	3	4	3	0	78	87
	Chittagong ...	085	0	7	13	10	96	01	6	944	85	2	8	4	3	0	76	87
	Maijdee Court ...	000	0	9	00	00	97	01	2	921	83	3	2	5	2	0	77	87
	Comilla ...	000	0	5	18	05	96	02	2	945	85	9	4	5	8	0	//	90
	Brahmanbaria ...	145	1	7	13	03	96	29	9	946	90	7	9	5	0	0	83	91
	Sylhet ...	000	0	5	00	06	96	09	0	933	90	4	3	5	0	1	83	93
	Srimangal ...	047	9	6	09	05	96	02	9	941	86	2	8	4	7	1	80	93
Dacca	Mymensingh ...	000	0	5	13	02	96	01	1	951	87	5	8	0	0	0	87	94
	Narayanganj ...	000	0	8	13	03	96	03	2	928	86	8	6	3	2	/	78	87
	Dacca (Tezgaon) ...	001	7	7	13	05	97	13	6	928	85	5	9	4	7	1	78	89
	Faridpur ...	000	0	7	10	02	97	02	2	942	85	5	5	6	1	0	78	87
Khulna	Barisal ...	019	9	7	13	09	97	02	6	931	83	6	8	4	2	0	78	85
	Khulna ...	000	0	3	00	00	97	03	0	939	82	2	1	4	0	6	83	87
	Satkhira ...	020	3	6	13	02	9	03	6	970	85	6	5	5	2	9	80	87
	Jessore ...	027	9	6	09	09	97	01	6	913	80	2	4	0	2	0	76	88
Rajshahi	Pabna ...	000	0	1	09	05	99	01	1	920	86	0	0	9	0	3	77	90
	Sirajgan ...	000	0	4	09	02	97	02	2	932	87	4	0	6	0	0	78	90
	Rajshahi ...	001	3	6	09	03	96	03	6	930	85	3	5	5	2	0	78	87
	Bogra ...	006	1	6	13	02	96	01	6	932	90	4	5	4	7	1	80	91
	Dinajpur ...	003	0	0	09	03	96	01	1	929	91	3	0	9	2	1	78	98
	Rangpur ...	000	6	6	00	03	96	03	1	948	86	6	0	9	2	0	77	95
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	021	7	2	36	02	96	01	9	945	87	2	0	9	3	0	76	87
	Sialkot ...																	
Rawalpindi	Jhelum ...	008	7	0	00	00	98	01	9	932	95	0	0	9	0	0	80	95
	Islamabad ...	000	0	1	00	00	97	01	0	928	95	1	6	0	1	0	70	95
	Rawalpindi ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	2	09	03	98	01	2	955	91	0	0	9	2	0	82	95
	Sargodha ...	249	0	0	31	05	97	01	1	949	82	3	0	9	3	0	73	90
	Lyallpur ...	048	7	4	00	00	96	02	5	955	82	4	0	9	4	0	64	87
Multan	Sahiwal ...																	
	Multan ...	000	0	1	36	02	97	01	0	944	93	1	2	6	0	0	76	98
	Leiah ...																	
Bahawalpur	Khanpur ...	000	0	0	00	00	98	02	0	926	98	0	0	9	0	0	72	00
	Bahawalpur ...	000	0	0	00	00	96	00	0	958	96	0	0	9	0	0	77	04
	Fort Abbas ...	000	0	0	00	00	98	00	0	904	10	0	0	9	0	0	81	10
Peshawar	Chakdra ...	000	0	3	36	02	97	03	0	909	94	2	1	7	0	0	81	94
	Peshawar ...	000	0	4	05	03	98	03	0	923	95	3	4	6	3	0	70	96
	Haripur ...	000	0	0	23	05	97	00	0	952	87	0	0	9	0	0	70	90
D. I. Khan	Bannu ...	010	9	3	20	02	99	02	6	937	91	1	1	7	2	0	77	95
	D. I. Khan ...	000	0	0	00	00	98	00	0	957	91	0	0	9	0	0	73	93
Quetta	Sibi ...	000	0	2	18	13	97	03	1	927	05	0	2	9	0	3	68	06
	Nokkundi ...	000	0	0	31	17	97	02	0	883	05	0	0	9	0	0	59	05
Kalat	Turbat ...	000	0	0	23	02	96	00	0	857	95	0	0	9	0	0	72	95
	Jiwani ...	000	0	4	13	09	96	02	1	967	87	4	6	5	0	0	75	87
	Pasni ...	000	0	4	25	02	97	02	0	968	84	4	0	9	0	0	78	87
Karachi division	Ormara ...	000	0	2	20	02	96	02	2	949	86	1	6	6	0	0	81	88
	Lasbela ...	000	0	0	13	03	97	00	0	943	99	0	0	8	0	0	76	01
	Karachi (Manora) ...	000	0	5	27	07	97	03	0	969	83	5	6	4	0	0	75	85
	Karachi (Airport) ...	003	0	3	27	10	96	01	1	966	86	3	6	5	0	0	75	88
Hyderabad	Nagarparkar ...	000	0	6	05	02	97	02	0	997	94	0	6	6	0	0	70	91
	Chhor ...	000	0	2	23	17	96	07	0	942	95	2	5	6	0	0	79	96
	Hyderabad ...	000	0	0	23	09	97	02	0	949	95	0	0	9	0	0	71	98
	Badin ...	000	0	8	23	08	96	03	0	987	91	0	0	9	0	8	77	93
Khairpur	Padidan ...	000	0	4	09	05	97	01	[illegible]	921	05	1	0	9	3	0	72	06
	Nawabshah ...	000	0	0	18	03	96	02	0	932	03	0	0	9	0	0	77	05
	Sukkur ...	000	0	7	13	05	96	02	0	923	01	7	0	9	6	0	74	02
	Kashmore ...	000	0	0	05	02	98	02	2	908	97	0	0	9	0	0	76	99
	Jacobabad ...	000	0	0	13	07	96	05	0	728	98	0	0	0	0	0	76	99
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ..	000	0	2	27	03	98	01	1	398	73	2	1	4	0	0	60	73
Peshawar	Drosh * ...	003	0	5	23	10	97	02	1	366	90	5	4	7	0	0	47	93
	Cherat * ...	003	0	1	18	01	98	01	0	398	86	3	1	7	0	0	67	87
	Kakul * ...	000	0	1	02	03	98	03	0	414	82	4	2	6	0	0	63	85
	Landikotal * ...	000	0	0	05	05	98	02	0	393	80	0	0	9	0	0	67	90
	Prachinar * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Miranshah * ...	000	0	4	05	05	97	02	0	442	90	4	0	9	0	0	70	90
	Wana * ...	000	0	0	23	03	99	00	0	444	85	0	0	9	0	0	58	90
Quetta	Fort Sandeman * ...	000	0	0	00	00	97	01	0	367	95	3	4	7	0	0	47	95
	Hindubagh * ...	000	0	0	16	05	96	02	0	366	97	0	0	9	0	0	68	98
	Loralai * ...	000	0	4	08	02	98	01	0	398	90	0	1	8	0	4	85	92
	Barkhan * ...																	
	Harnai * ...	000	0	7	00	00	96	03	2	369	94	0	5	7	0	0	68	96
	Samungli (Quetta) * ...	000	0	1	00	00	95	05	0	371	95	1	1	7	0	0	65	98
	Chaman * ...	000	0	0	00	00	97	00	0	384	98	0	0	9	0	0	37	00
	Nushki * ...	000	0	0	23	03	95	05	0	441	03	0	0	9	0	0	80	04
	Dalbandin * ...	000	0	0	13	02	95	05	0	392	03	0	0	9	0	0	22	04
Kalat	Kalat * ...	000	0	0	23	02	96	02	0	366	88	0	0	9	0	0	57	//
	Khuzdar * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Panjgur * ...																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (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, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati ...	010	0	0	18	09	//	//	/	982	87	4	4	6	7	2	77	80	//	—	47.7	—	51.2	—
	Cox's Bazar ...	010	0	8	13	12	96	51	5	971	79	4	4	4	3	0	75	77	+ 2	— 1	—	—	—	140
	Chittagong ...	005	9	7	13	17	96	01	0	968	84	3	4	4	3	/	75	68	+ 3	— 9	—	—	—	108
	Maijdee Court ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					115
	Comilla ...	030	9	7	18	03	96	02	1	016	90	0	0	9	0	0	75	77	+ 3	— 10	0.0	—	—	94
	Brahmanbaria ...	120	9	1	16	02	97	03	9	971	86	6	5	5	0	0	78	77	—	—	28.4	+ 3.8	38.0	78
	Sylhet ...	268	7	5	00	05	97	02	9	964	86	2	5	5	3	0	72	75	—	—	—	—	—	—
	Srimangal ...	642	9	3	00	03	96	02	9	987	96	0	0	9	2	1	78	77	+ 3	+ 1	35.6	+ 4.7	51.8	98
Dacca	Mymensingh ...	000	0	3	03	05	97	01	1	971	87	3	5	6	0	0	78	80	+ 7	+ 2	29.6	— 3.6	44.7	91
	Narayanganj ...	052	0	8	13	06	97	03	2	960	87	8	5	3	/	/	76	78	— 1	— 1	23.6	— 1.0	47.0	74
	Dacca (Tezgaon) ...	019	9	5	09	09	97	03	2	959	87	5	8	4	4	0	75	79	—	—		—		
	Faridpur ...	025	0	8	11	11	97	02	2	957	85	6	4	5	0	0	77	80	0	+ 1	19.6	— 4.9	33.2	71
Khulna	Barisal ...	044	5	7	09	03	97	03	6	953	82	7	4	5	0	0	80	78	— 2	0	28.7	— 1.6	38.7	81
	Khulna ...	000	0	9	09	05	97	03	6	985	86	2	2	4	0	0	//	87	—		17.4	— 8.6	23.6	68
	Satkhira ...	020	0	6	09	01	97	03	1	941	85	6	5	5	0	0	78	80	— 1	+ 2	15.6	— 9.3	20.9	65
	Jessore ...	015	0	7	01	05	96	51	6	946	82	6	7	2	0	0	62	79	—		20.8	— 2.8	29.3	65
Rajshahi	Pabna ...	000	0	7	09	05	97	03	9	954	85	7	6	7	0	0	77	78	—	—	16.7	—	30.4	59
	Sirajgan ...	050	0	2	13	02	98	02	6	963	86	2	2	6	0	0	80	78	+ 3	— 1	22.3	— 0.9	29.0	64
	Rajshahi ...	023	9	5	09	07	96	03	1	961	87	5	5	5	0	0	78	78	+ 2	—	24.3	+ 2.8	38.4	—
	Bogra ...	004	3	2	09	03	96	02	2	964	86	3	4	4	3	1	77	80	+ 2	+ 1	17.2	— 7.6	28.2	69
	Dinajpur ...	000	0	0	09	02	96	00	0	984	90	0	0	9	0	0	78	80	+ 8	+ 1	36.5	+ 8.4	59.5	72
	Rangpur ...	040	0	6	09	02	96	03	1	996	87	4	5	6	2	0	78	82	+ 5	+ 4	39.9	— 7.0	58.6	84
Kashmir	Jammu ...																							—
Lahore	Lahore (Jail Rd.) ...	040	0	0	00	00	96	03	1	973	82	1	5	6	7	/	79	73	+ 2	— 6	9.9	+ 3.2	14.5	19
	Sialkot ...																							32
Rawalpindi	Jhelum ...	003	0	2	27	02	97	03	1	981	84	4	3	6	7	0	73	75	—	—	10.8	—	19.1	—
	Islamabad ...	000	0																—					—
	Rawalpindi ...	003	0	1	00	00	99	00	0	977	84	1	0	9	7	0	73	77	—	—	3.9	— 5.9	14.0	36
	Campbellpur ...																							—
Sargodha	Khushab ...	000	0	0	00	00	97	03	6	916	73	6	2	9	8	4	73	73	— 7	— 9	0.1	— 4.9	3.5	15
	Sargodha ...	.75	5	8	23	09	96	95	9	958	73	4	3	4	2	/	73	71	—		—	—	—	—
	Lyallpur ...	038	4	4	36	03	96	97	9	991	75	6	9	7	0	0	69	73	— 14	— 7	4.1	+ 0.2	6.9	12
Multan	Sahiwal ...																							18
	Multan ...	003	3	5	27	03	99	99	9	972	81	2	5	6	3	0	73	//	— 3	—	7.9	— 5.5	10.9	7
	Leiah ...																							8
Bahawalpur	Khanpur ...	000	0	3	00	00	96	02	0	964	84	0	0	9	0	/	73	81	— 3	— 2	0.0	— 2.4	0.9	6
	Bahawalpur ...	003	0	0	00	00	95	00	0	980	84	0	0	9	0	0	73	82	— 2	— 1	0.6	— 2.0	1.9	6
	Fort Abbas ...	000	0	0	23	02	98	00	0	927	87	0	0	9	0	0	73	76	—		0.0	—	0.2	8
Peshawar	Chakdra ...	000	0	0	27	02	98	01	0	971	77	0	0	9	0	4	69	73	—	—	1.4	—	10.8	—
	Peshawar ...	000	0	0	00	00	98	02	0	977	84	1	1	6	3	0	75	79	— 5	— 1	0.3	— 1.2	9.0	11
	Haripur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
D. I. Khan	Bannu ...	030	0	6	13	01	98	61	2	988	79	4	3	6	2	0	73	77	—	—	0.4	—	4.2	11
	D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					9
Quetta	Sibi ...	000	0	2	13	03	97	03	1	957	92	0	2	9	2	0	54	90	—	—	0.2	—	0.2	5
	Nokkundi ...	000	0	0	31	12	96	02	0	953	85	0	0	9	0	0	64	80	—	—	0.0	—	0.3	2
Kalat	Turbat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Jiwani ...	000	0	8	13	05	96	03	2	983	82	5	6	5	5	0	74	81	—	—	0.0	—	2.0	5
	Pasni ...	000	0	4	11	12	97	02	0	998	79	0	4	9	0	0	78	75	— 4	— 3	0.0	— 0.7	0.0	6
Karachi division	Ormara ...	003	0	7	27	05	96	06	0	002	79	7	6	6	0	0	78	15	—	—	0.0	— 0.7	0.6	6
	Lasbela ...	000	0	8	00	00	96	03	0	973	83	0	0	8	0	0	75	76	—	—	—	—	—	8
	Karachi (Manora) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					8
	Karachi (Airport) ...	003	0	7	27	10	96	01	2	985	82	5	6	5	3	0	74	79	—	—	1.5	—	1.6	—
Hyderabad	Nagarparkar ...	000	0	0	05	03	96	02	0	///	//	0	2	1	8	3	76	79	—	—	0.0	—	0.0	—
	Chhor ...	000	0	0	23	14	96	01	2	978	84	0	0	9	0	0	75	79	—	—	0.2	—	0.3	7
	Hyderabad ...	000	0	0	23	10	96	06	0	973	84	0	0	9	0	0	72	81	— 1	+ 6	0.2	— 3.0	0.3	9
	Badin ...	000	0	4	23	03	96	03	0	993	83	0	0	9	0	5	76	80	0	— 1	0.3	— 3.7	0.3	—
Khairpur	Padidan ...	000	0	3	09	03	97	01	1	960	85	2	5	7	1	0	72	82	—	—	0.0	—	0.0	—
	Nawabshah ...	080	0	0	18	05	96	02	0	954	85	0	0	9	0	0	76	81	—	—	1.0	—	1.1	4
	Sukkur ...	000	0	0	13	05	96	03	2	951	85	6	0	9	6	0	75	82	—	—	0.0	—	0.0	—
	Kashmore ...	000	0	4	18	02	98	03	2	926	85	0	0	9	0	0	76	83	—	—	0.0	—	0.0	4
	Jacobabad ...	000	0	7	09	09	96	03	1	956	86	0	0	9	0	0	76	84	—	0	0.5	— 0.7	0.8	20
Junagadh	Veraval ...																							26
	HILL STATIONS																							
Kashmir	Srinagar * ...																							—
	Gulmarg ** ...																							71
	Sonamarg ** ...																							26
	Dras ** ...																							3
	Leh ** ...																							6
	Skardu * ...																							—
	Misgar ** ...																							—
	Aliabad * ...																							5
	Gilgit * ...																							39
Rawalpindi	Murree * ..	003	0	0	05	05	98	00	1	428	68	0	0	9	0	0	58	58	—	—	7.2	— 2.6	25.6	18
Peshawar	Drosh * ...	000	0	1	23	07	99	08	0	416	73	1	2	7	0	0	54	//	— 4	—	1.0	—	12.2	29
	Cherat * ...	003	0	0	18	02	98	00	0	///	73	0	0	9	0	0	65	//	— 1	—	2.1	— 2.6	11.5	—
	Kakul * ...	000	0	0	31	02	99	03	0	423	77	0	0	9	0	0	59	65	—	—	3.4	—	19.2	—
	Landikotal * ...	000	0	0	36	02	98	02	1	416	79	0	0	9	0	0	65	64	—	—	1.6	—	12.1	29
	Prachinar * ...	000	0	6	11	02	97	02	2	436	69	5	8	6	6	6	60	64	—	—	4.0	—	14.7	13
D.I. Khan	Miranshah * ...	000	0	4	05	05	96	02	0	414	81	4	0	9	0	0	73	73	—	—	0.5	— 1.7	2.0	11
	Wana * ...	000	0	1	00	00	98	00	0	383	73	0	1	0	0	0	64	73	—	—	0.2	—	3.6	11
Quetta	Fort Sandeman * ...	000	0	6	05	03	97	03	1	404	77	5	6	6	0	3	64	73	— 4	+ 7	1.4	— 1.2	5.7	—
	Hindubagh * ...	000	0	0	27	03	97	02	0	426	72	0	0	9	0	0	43	61	—	—	2.7	—	6.0	9
	Loralai * ...	000	0	0	69	02	98	00	0	463	80	0	0	9	0	0	45	58	—	—	0.6	—	0.6	—
	Barkhan * ...																		—					14
	Harnai * ...	000	0	7	00	00	96	03	2	368	81	0	5	7	0	0	64	//	—	—	0.9	— 2.7	2.6	9
	Samungli (Quetta) * ...	006	0	8	13	05	95	05	0	///	77	0	0	9	0	0	72	69	—	—	0.5	— 0.1	3.1	8
	Chaman * ...	000	0	0	18	03	97	00	0	386	78	0	0	9	0	0	53	76	0	+ 1	0.0	— 0.1	2.7	—
	Nushki * ...	000	0	0	00	00	95	05	0	448	87	0	0	9	0	0	64	85	—	—	0.5	—	2.7	4
	Dalbandin * ...	000	0	0	05	05	95	05	0	398	83	0	0	9	0	0	31	77	— 5	—	0.0	— 0.1	0.5	7
Kalat	Kalat * ...	003	0	0	18	02	97	02	0	396	72	0	0	9	0	0	49	64	—	+ 3	0.6	— 0.2	1.9	—
	Khuzdar * ...	003	0	0	27	02	96	02	0	392	75	0	0	9	0	0	60	73	—	—	1.7	—	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 ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 30th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_zL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_gt_R	8$N_sCh_sh_s$	$OT_xT_yT_dT_d$	$1T_wT_wT_{ww}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Sirdhana	99 2 45	10 6 51	29 0 03	82 6 20	97 0 22	98 7 27	85 / / /	17 4 03		...	05 / 23	...	30 4 08	26 5 04
Chakdina	99 2 47	10 6 66	29 0 63	82 6 12	97 0 54	10 5 27	88 4 / /	17 4 00		...	0 / / 24	...	30 2 02	25 6 04
Sirdhana	99 2 43	10 6 38	29 0 63	72 2 15	58 0 22	99 1 27	76 / / /	17 8 09		8 / / / /	05 2 25	...	30 4 02	22 4 04
British Chkiazry	99 2 3?	10 6 64	29 1 23	62 2 20	97 0 52	10 9 29	00 0 00	...		...	...	...	...	...
Karanja	99 0 84	10 0 01	29 1 23	33 3 51	58 0 10	10 2 27	22 3 08	...		84 7 25	05 1 25	...	30 1 05	28 5 05
Chakrate	99 2 48	10 6 24	29 1 23	41 4 06	97 0 51	95 4 28	42 4 00	...		...	05 3 29	17 6 06	30 5 07	...
Sirdhana	99 2 42	10 6 25	29 1 23	31 8 10	97 0 23	98 6 28	38 / / /	18 3 13		...	05 2 25	...	30 3 01	22 5 04
Sirdhana	99 2 47	10 6 64	28 / 83	25 5 20	58 0 20	98 5 28	5 / / / /	...		...	05 2 24	...	30 5 05	25 6 04

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	963 260 08	...	380 186 03	039 104 00	577 031 32	750 119 37	964 265 57	/// 475 / /	429 613 / /	671 777 / /	...	...	...
Dacca	00 00	993 298 21	...	320 198 48	024 124 60	577 015 59	752 127 61	967 275 67	246 479 / /	431 611 / /	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	995 272 94	...	400 234 53	069 120 / /	580 051 / /	751 175 / /	961 311 / /	240 445 / /	...	...	...	...	...
Multan	00 00	581 294 57	...	400 244 00	064 180 60	581 081 / /	751 153 / /	965 265 / /	...	...	...	...	...	...
Peshawar	00 00	955 270 35	...	/ / / / /	050 176 50	581 015 / /	751 161 / /	976 231 / /	259 395 / /	...	...	...	...	...
Quetta														
Sargodha	00 00	984 260 45	...	400 230 57	145 095 50	582 115 / /	751 195 / /	960 295 / /	244 381 / /	442 415 / /	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD								Max. Wind Speed	TROPOPAUSE
										PmPmPm dmdm fmfmfm	$P_tT_tP_cT_cT_tT_{ac}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	900 212 00	800 170 39	600 050 30									
Dacca	00 00	900 214 30	800 136 56	600 044 59	350 185 60	...	...	...	...	...	...	...	...
Gilgit													
Jiwani													
Karachi	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta													
Sargodha	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T† of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	130 15	120 17	120 17	220 25	...	...	...	...	...	...	110 09	090 06	165 02	205 03	275 10	100 15	110 17	110 23	125 29	.	...	...	...	...	...	...
Chaklala	..	225 12	255 23	345 04	100 05	265 11	310 12	295 24	285 30	340 12	234 28	...	...	...	...	135 16	140 08	135 53	240 12	135 51	...	...	...	...	...	...
Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	240 12	245 12	260 12	...	...	...	...	...	...	...	...
Chittagong	145 15	150 17	155 13	180 16	185 15	...	...	...	...	...	...	...	...	...	...	135 16	140 08	135 53	240 12	135 51	...	...	...	...	...	...
Cox's Bazar	160 11	165 27	170 18	280 19	220 23	225 29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	145 10	130 10	125 11	...	...	...	...	...	...	130 14	130 23	...	...	...	...	135 22	140 19	145 20	...	...	...	...	...	...	...	...
Dalbandin	...	...	285 06	270 08	255 14	225 15	025 07	355 10	355 11	...	...	100 01	120 01	090 04	060 05	...	...	335 10	025 08	345 02	025 32	085 12	040 17	335 11	260 08	295 11
D. I. Khan	105 16	085 25	350 07	335 17	360 09	345 09	330 22	345 09	...	122 12	125 13	150 15	145 03	...	...	125 05	115 05	100 06	080 02	150 01	280 04	270 15	265 11	285 15	275 25	315 12
Drosh	...	...	...	235 19	275 23	160 11	140 07	...	...	...	...	...	195 01	215 02	175 04	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	085 05	105 03	065 03	280 20	310 21	320 13	...	...	...	220 05	270 11	...	...	...	...	045 03	235 07	250 08	280 09	285 19	295 25	315 33	330 28
Jacobabad	120 10	105 06	107 06	100 05	085 05	035 03	345 04	...	...	145 13	090 12	245 03	285 08	265 10	310 13	170 06	220 03	205 03	215 05	270 09	310 11	010 15	010 11	005 16	045 11	015 23
Jessore	125 27	123 31	140 31	...	...	...	...	...	...	130 12	135 32	135 37	...	...	...	115 25	125 27	135 28	...	...	...	...	...	...	...	...
Jhelum	220 01	310 02	330 04	325 06	280 06	325 07	350 15	340 05	310 08	225 08	245 12	/// //	351 00	/// //	320 12	...	...	...	...	...	...	...	...	...	...	...
Jiwani	250 13	260 09	/// / /	335 13	...	...	...	...	...	105 15	155 13	...	...	...	...	085 19	095 11	...	...	...	...	...	...	...	...	...
Karachi	260 15	265 15	265 16	...	...	...	...	...	...	...	...	...	...	...	...	265 07	235 13	265 17	...	...	...	...	...	...	...	...
Khanpur	350 07	040 08	040 09	110 06	...	...	...	...	...	230 13	230 15	214 15	205 15	050 13	...	220 15	210 12	215 15	215 18	050 12	265 13	305 24	290 17	335 14	005 29	035 32
Lahore	325 05	020 03	045 07	210 09	285 14	210 08	...	...	...	...	...	...	...	...	...	130 04	120 04	095 03	090 03	290 72	010 06	330 07	345 19	...	...	...
Multan	045 04	055 04	055 06	270 05	315 12	305 17	295 21	280 18	315 32	...	...	...	...	...	...	190 12	050 14	295 13	085 19	095 17	320 14	280 21	240 13	290 12	...	...
Nawab Shah	035 03	195 03	245 03	285 02	295 04	130 03	030 07	315 07	280 07	240 09	255 19	010 01	270 04	...	...	240 09	255 59	010 01	270 04	310 05	...	...	...	...	...	...
Panjgar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	085 22	140 05	260 06	160 07	...	...	...	...	...	080 03	160 04	225 19	260 15	260 15	...	035 13	035 08	110 06	200 04	220 10	...	...	...	...	...
Quetta	...	...	...	...	320 14	305 22	265 15	030 15	305 25	...	...	...	...	...	...	...	...	...	...	280 07	285 13	290 20	...	...	...	...
Sargodha	180 01	180 03	265 18	280 06	/// //	319 27	345 13	/// //	305 23	150 11	...	...	...	...	...	110 07	125 15	130 09	180 06	270 06	275 13	295 17	305 14	301 14	315 19	...
Sylhet	260 04	030 01	030 01	300 13	..	...	...	...	...	165 10	155 15	110 13	155 13	...	...	340 04	160 03	..	..	...	...	...	...	...	...	...
Veraval	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
F.R. Sargodha																		
Karachi	250 25	260 27	260 24	260 15	005 07	075 08	075 17	010 19	010 15	260 07	.	...	...	...	...	...	.	..
Peshawar																		
Quetta																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

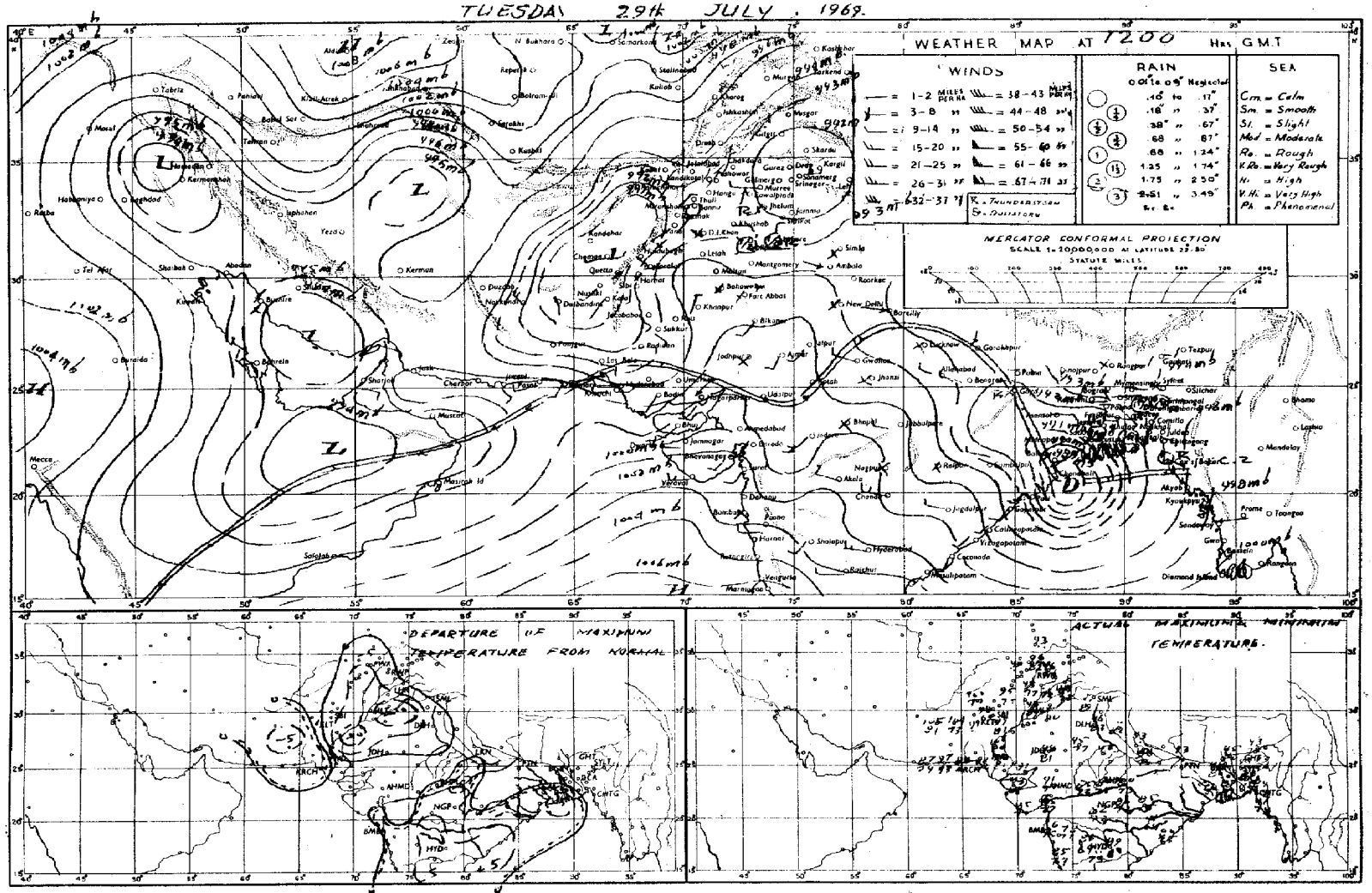
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

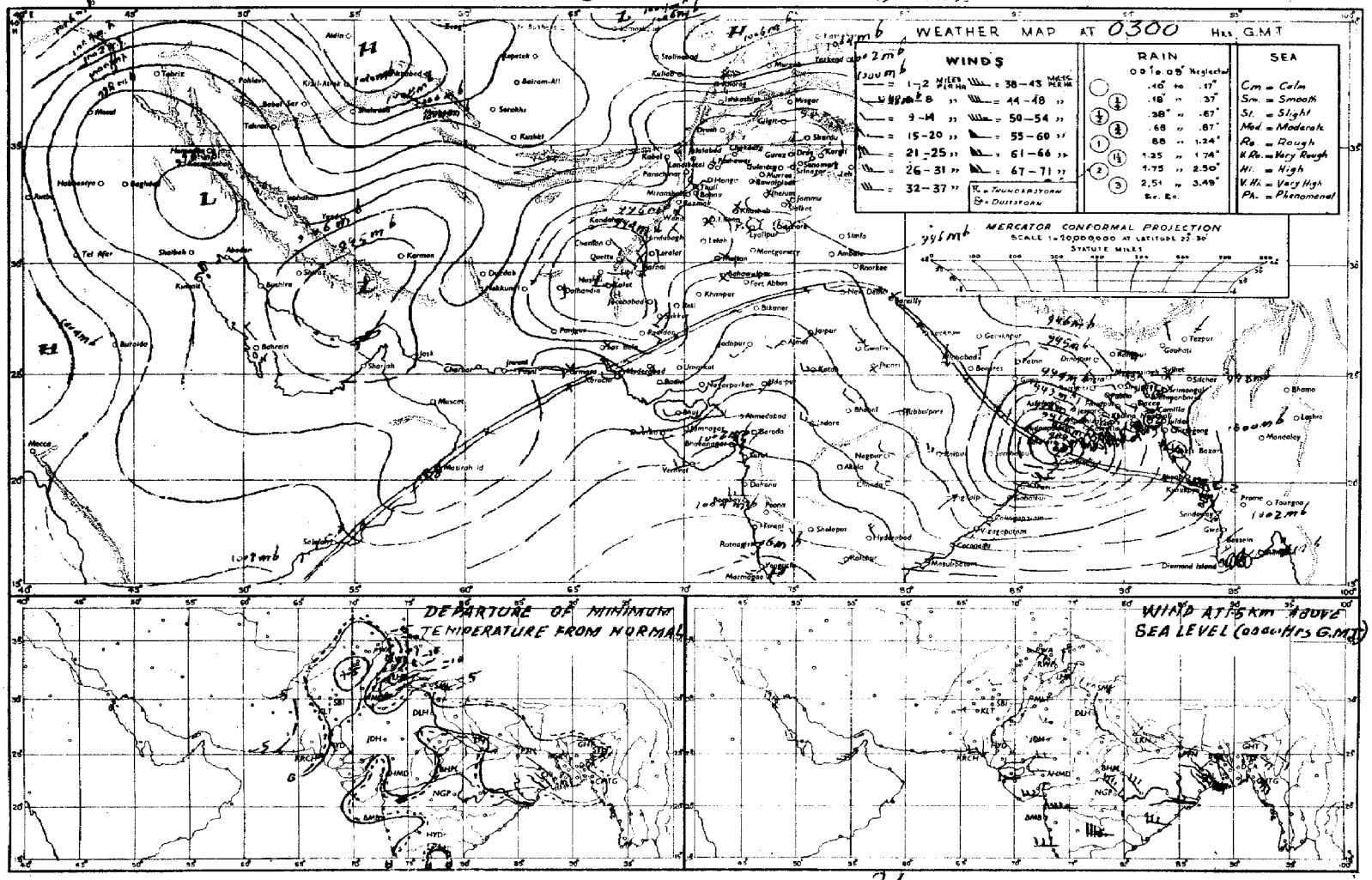
TUESDAY 29th JULY . 1969.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 30th JULY, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

THURSDAY THE 31st JULY, 1969.

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

Yesterday's mornings deep depression moved northwestwards and was centred at 30,1200 G.M.T. about 70 miles north of Cuttak. Observations meagre but believe it moved further northwestwards and lies at 31,0300 G.M.T. about 60 miles northeast of Deltonganj. It is likely to continue moving same direction and weaken.

Under its influence rain/thundershowers have been fairly widespread in Dacca and Chittagong divisions, local in Khulna division and scattered in Rajshahi division.

The westerly low pressure wave north of Afghanistan is now moving across north of west Pakistan.

Thunderstorm/showers have been scattered in Peshawar division.

Chief amounts of rainfall are : Cox's Bazar 4", Maijdee Court 3/4", Brahmanbaria, Mymensingh (each upto 0000 G.M.T.) Chittagong, Comilla and Dacca ½" each, Faridpur, Satkhira and Cherat ¼" each.

Day temperatures were 5—14 °F (3 - 8 °C) below normal in Khulna, Lahore, Sargodha and Peshawar divisions and were 3—8 °F (2—4 °C) above normal elsewhere in East Pakistan and in Quetta and Hyderabad divisions.

Forecast valid until the evening of 1st August 1969 :—Rain/thunderstorm will be fairly widespread in East Pakistan. Thunderstorm/showers will be scattered in Peshawar, Rawalpindi, Multan, Sargodha, D. I. Khan divisions and in Kashmir.

Karachi-11
The 31st July, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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	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 from †	Height of Lowest Cloud †	Medium Cloud from †	High Cloud from †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths) •	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	h	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	Kangamati **	006	6	6	18	09	98	02	6	964	85	4	3	5	7	1	76	90	006	9	6	13	02	58	02	2	003	84	6	3	6	7	0	77	81	—	—	47.9	—	54.4	—
	Cox's Bazar ...	036	7	8	13	08	96	50	5	952	82	6	3	4	2	0	80	87	393	9	7	13	06	//	//	1	686	81	6	4	4	6	1	77	77	+ 2	+ 1	39.5	—27.2	47.1	140
	Chittagong ...	080	0	7	16	09	96	71	6	951	83	5	7	3	2	0	80	90	057	9	7	13	12	96	C3	6	691	89	4	8	4	3	1	77	77	+ 4	0	13.7	—30.9	66.8	108
	Maijdee Court ...	000	0	7	18	02	96	03	2	955	81	2	2	5	0	0	77	86	080	6	8	00	00	96	03	2	987	77	3	5	5	2	0	75	//	0	—	72.5	+28.4	84.6	115
	Comilla ...	000	0	4	18	05	96	02	2	958	85	4	0	7	0	0	77	90	040	2	7	18	05	96	03	6	987	87	7	4	5	2	0	75	77	— 13	—	51.7	+17.0	70.9	94
	Brahmanbaria ...	008	0	3	13	07	97	03	2	962	86	3	4	5	0	0	77	91	000	0	5	13	07	97	C1	1	984	84	5	5	5	0	0	79	81	—	—	27.8	+ 2.0	37.4	78
	Sylhet ...	000	0	7	00	00	97	02	2	958	85	4	4	5	2	0	77	90	001	9	7	08	00	97	02	2	983	86	5	3	3	2	1	72	79	—	—	39.5	—	57.3	—
	Srimangal ...	010	0	7	00	00	96	95	0	959	82	4	9	4	3	2	78	43	010	9	6	13	02	96	02	9	995	95	4	8	5	7	2	77	78		+ 2	35.7	+ 3.9	51.9	98
Dacca	Mymensingh ...	000	0	4	13	02	97	01	1	936	87	4	5	5	0	0	78	91	000	0	4	13	02	97	02	1	987	84	4	5	5	0	0	79	79	+ 4	+ 1	30.2	— 3.4	45.3	91
	Narayanganj ...	000	0	8	13	03	96	03	2	943	85	8	6	4	0	0	78	86	010	0	8	13	01	97	C2	2	978	87	8	4	5	0	0	81	81	— 2	+ 2	23.4	— 1.9	46.8	74
	Dacca (Tejgaon) ...	003	6	4	13	05	97	01	6	934	86	4	8	4	0	1	77	90	L30	9	7	13	C5	97	02	6	578	84	6	8	4	0	0	79	80	—	—	20.7	—	31.8	—
	Faridpur ...	020	0	7	11	03	97	02	6	978	85	5	3	4	1	0	78	97	022	0	4	16	06	97	02	2	955	84	2	4	5	1	0	79	87	0	+ 2	12.0	— 5.6	33.6	71
Khulna	Barisal ...	018	3	8	18	02	96	03	6	934	80	6	4	5	0	2	80	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					81
	Khulna ...	C00	0	4	18	05	97	03	0	919	85	0	4	5	0	0	78	82	C00	0	4	13	05	97	03	0	551	86	2	2	4	0	0	//	81	— 5	— 3	17.5	— 9.4	23.6	68
	Satkhira ...	029	4	4	13	02	97	02	6	917	86	5	4	5	2	0	85	//	C30	3	4	18	02	97	03	6	561	87	4	5	5	2	0	87	91	—	+ 3	16.2	— 3.6	21.4	65
	Jessore ...	009	5	7	15	09	7	02	6	919	85	5	6	3	1	0	77	87	009	9	9	15	09	97	02	6	563	84	6	6	2	1	0	79	79	/	—	21.1	+ 0.7	29.5	65
Rajshahi	Pabna ...	070	0	3	09	02	98	01	2	924	82	3	8	6	4	0	80	90	C00	0	8	09	03	97	C3	2	775	84	0	0	7	1	0	29	81	—	+ 2	21.8	— 2.3	28.5	59
	Sirajgan ...	C00	0	2	13	03	97	01	1	932	87	2	2	6	0	0	78	90	000	0	4	13	03	96	C3	1	967	86	3	2	5	2	0	79	81	+ 3	+ 3	24.5	+ 2.0	38.5	64
	Rajshahi ...	C03	0	8	00	00	96	03	6	928	86	3	5	5	2	1	78	90	000	0	4	13	03	96	03	1	967	86	3	5	5	2	0	78	82	+ 1	+ 2	24.4	+ 2.0	38.4	—
	Bogra ...	000	0	6	13	05	96	03	2	928	87	4	0	4	0	8	77	91	016	0	6	09	03	96	02	2	974	84	5	8	4	2	1	79	80	+ 2	+ 1	12.4	+ 3.5	28.4	69
	Dinajpur ...	000	9	3	09	02	96	01	1	931	90	3	0	9	2	1	78	96	000	0	3	07	03	96	01	1	972	87	3	0	9	2	0	29	81	+ 6	+ 2	36.5	+ 7.4	59.5	72
	Rangpur ...	000	0	2	13	02	96	01	1	942	87	2	0	9	1	0	77	96	000	0	3	13	05	96	01	1	987	90	3	0	9	1	0	81	81	+ 6	+ 3	40.7	+ 2.9	59.3	84
Kashmir	Jammu ...																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	31	02	96	02	0	927	93	0	0	9	0	0	73	95	000	0	1	00	00	95	05	0	955	87	1	0	9	3	0	73	//	—	—	10.1	— 3.1	14.7	19
	Sialkot ...	000	0	0	00	03	97	00	0	910	80	0	0	9	0	0	45	82	000	0	1	00	00	97	00	0	990	79	1	0	9	0	0	//	60	— 14	— 19	6.2	— 4.5	10.8	32
Rawalpindi	Jhelum ...																																								—
	Khanewal ...	000	0	0	27	02	99	00	1	911	98	0	0	9	0	0	72	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					36
	Rawalpindi ...																																								—
	Campbellpur ...																																								—
Sargodha	Khushab ...	000	0	0	00	00	98	00	0	933	93	0	0	9	0	0	87	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	7				15
	Sargodha ...	000	0	0	13	02	97	00	0	927	93	0	0	9	0	0	77	96	000	0	0	00	00	97	02	0	952	84	0	0	9	0	0	79	79	—	—	7.2	—	13.8	—
	Lyallpur ...	000	0	0	00	00	96	00	0	923	90	0	0	9	0	0	41	93	000	0	0	00	00	96	C0	0	951	86	0	0	9	0	0	81	81	— 8	— 1	2.6	— 1.5	5.6	12
Multan	Sahiwal ...																																								10
	Multan ...	000	0	2	00	00	96	05	0	915	C0	2	1	6	0	0	73	00	000	0	7	13	05	96	05	2	949	90	2	5	6	3	0	79	87	— 1	+ 2	7.9	— 5.3	10.9	7
	Laiah ...																																								8
Bahawalpur	Khanpur ...	000	0	0	23	05	97	02	0	904	02	0	0	9	0	0	70	05	008	0	0	23	03	96	00	0	956	86	0	0	9	0	0	73	82	+ 2	— 1	0.0	— 2.7	0.9	6
	Bahawalpur ...	010	0	0	00	00	96	00	0	916	04	0	0	9	0	0	64	04	000	0	0	00	00	95	02	0	958	87	0	0	9	8	0	76	85	+ 2	+ 1	0.6	— 2.1	1.9	6
	Fort Abbas ...	000	0	0	00	00	98	C0	0	914	06	0	0	9	0	0	23	06	009	0	0	00	00	95	00	0	958	87	0	0	9	8	0	75	84	+ 2	+ 1	06.0	— 2.9	1.9	8
Peshawar	Chakdra ...	000	0	5	36	02	97	03	9	927	85	5	9	7	3	0	70	86	C00	0	0	00	00	98	02	0	956	61	8	0	9	0	0	64	—	—	—	1.4	—	10.8	—
	Peshawar ...	000	0	7	23	02	97	02	9	934	90	9	8	6	2	0	70	93	000	0	0	36	02	97	02	0	953	84	1	4	9	0	0	73	75	— 8	— 5	0.3	— 1.4	11.7	11
	Haripur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	03	98	C0	0	953	87	0	0	9	0	0	73	77	—	—	0.7	—	10.7	—
D. I. Khan	Bannu ...	000	0	4	13	01	98	02	1	930	95	0	0	9	0	0	67	96	000	0	3	00	00	99	01	1	952	84	0	0	9	4	0	75	79	—	—	0.5	—	4.3	11
	D. I. Khan ...	000	0	0	00	00	98	C0	0	928	87	0	0	9	0	0	73	98	000	0	0	00	00	//	//	/	957	87	0	0	9	0	0	78	84	—	—	1.3	— 1.6	3.7	9
Quetta	Sibi ...	000	0	0	18	03	97	02	0	882	04	0	0	9	0	0	62	10	000	0	0	00	00	97	02	0	955	91	0	0	9	0	0	56	96	—	—	0.2	—	0.2	5
	Nokkundi ...	000	0	0	31	05	97	02	0	884	10	0	0	9	0	0	56	11	000	0	3	11	12	97	01	1	937	91	4	0	9	3	0	58	82	—	—	0.0	—	0.3	2
Kalat	Turbat ...																																								—
	Jiwani ...	000	0	2	13	03	96	01	1	956	88	2	0	6	5	0	0	73	89	C00	0	7	13	05	96	02	2	985	82	7	6	5	0	0	75	79	—	—	0.0	—	2.0	5
	Pasni ...	000	0	0	11	10	97	C2	0	967	87	0	0	0	0	0	78	83	C00	0	4	11	04	97	02	0	991	87	4	0	9	0	0	77	68	— 2	— 10	0.0	— 0.7	0.0	6
Karachi division	Ormara ...	000	0	1	18	09	96	02	2	967	87	1	0	6	6	0	0	80	89	000	0	2	20	09	96	02	2	989	82	7	6	6	0	0	79	17	—	—	0.0	— 0.7	0.6	6
	Lasbela ...	000	0	0	13	03	97	00	0	940	98	0	0	9	0	0	73	02	000	0	0	00	C0	96	00	0	979	82	0	0	9	8	0	75	74	—	—	0.0	—	0.0	8
	Karachi (Manora)	000	0	5	27	05	97	03	9	962	85	5	0	9	6	0	74	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					8
	Karachi (Ariport) ...	000	9	5	23	10	96	03	1	960	87	4	5	9	6	0	74	90	003	0	1	23	03	96	01	2	983	83	...	6	5	0	0	74	78	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar ...	000	0	8	05	02	96	02	0	991	90	6	6	6	0	0	73	92	000	0	6	18	02	97	02	0	011	81	6	6	6	0	0	80	80	—	—	0.0	—	0.0	—
	Chhor ...	000	0	0	23	09	96	03	0	943	96	3	0	9	0	0	75	97	000	0	1	23	16	96	01	6	973	86	7	6	6	0	0	75	80	—	—	0.2	—	0.3	7
	Hyderabad ...	000	0	0	23	09	97	02	0	940	96	0	0	9	0	0	76	01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					9
	Badin ...	000	0	4	23	07	96	03	0	977	99	0	0	9	0	4	71	96	C00	0	0	33	02	96	02	0	993	83	0	0	9	0	0	76	80	+ 3	— 1	0.3	— 3.7	0.3	—
Kharipur	Padidan ...	000	0	0	16	07	97	02	0	912	05	0	0	9	0	0	71	07	000	0	0	00	00	97	02	0	952	85	0	0	9	0	0	72	81	—	—	0.8	—	0.0	—
	Nawabshah ...	000	0	0	18	05	96	06	0	925	04	0	0	9	0	0	77	05	000	0	0	13	09	96	02	0	952	85	0	0	9	0	0	79	81	—	—	1.0	—	1.1	4
	Sukkur ...	000	0	6	23	03	96	02	1	907	05	0	0	9	6	0	80	C8	000	0	0	13	03	96	02	0	955	85	0	0	9	0	0	75	81	—	—	0.0	—	0.0	—
	Kashmore ...	000	0	0	18	02	98	02	0	972	02	0	0	9	0	0	76	04	000	0	0	18	02	98	02	0	971	85	0	0	9	0	0	76	83	—	—	0.0	—	0.0	4
	Jacobaba ...	000	0	0	18	05	96	05	0	901	05	0	0	9	0	0	75	06	000	0	0	31	09	96	02	0	954	86	0	0	9	0	0	76	83	— 1	— 1	0.5	— 0.7	0.8	20
unagadh	Veraval																																							26
	HILL STATIONS																																							—
Kashmir	Srinagar ** ...																																							71
	Gulmarg ** ...																																							26
	Sonamarg ** ...																																							3
	Dras ** ...																																							6
	Leh ** ...																																							—
	Skardu * ...																																							5
	Misgar ** ...																																							59
	Aliabad * ...																																							—
	Gilgit * ...																																							—
Rawalpindi	Murree **	000	0	0	27	03	98	00	0	396	73	0	0	9	0	0	64	76	C00	0	0	00	00	98	00	0	411	69	0	0	9	0	0	56	//	—	—	7.2	— 3.2	25.8	10
Peshawar	Drosh ** ...	000	0	3	00	00	98	01	1	382	73	2	5	4	6	0	67	78	000	0	1	00	00	99	03	0	916	79	0	0	9	0	1	33	79	— 19	+ 6	1.0	—	12.2	29
	Cherat ** ...	018	6	5	18	01	97	01	6	397	78	5	4	6	0	0	64	91	000	0	0	00	00	98	00	0	419	77	0	0	9	0	0	79	//	—	—	2.4	— 2.4	11.5	—
	Kakul ...	000	0	6	00	00	98	03	2	407	87	0	4	9	6	0	64	91	000	0	0	23	03	98	02	0	411	82	0	0	9	0	0	64	73	— 3	—	8.2	—	19.0	—
	Landikotal ...	000	0	7	09	02	98	03	2	393	82	6	3	9	2	0	70	86	000	0	2	29	02	98	02	0	424	84	0	0	8	0	0	64	64	—	—	0.9	—	11.4	29
	Prachinar ** ...	000	0	2	16	05	98	29	9	399	78	2	6	0	0	0	60	80	000	0	0	00	00	98	02	0	416	73	0	0	9	0	0	54	65	— 6	— 1	4.0	—	14.7	13
D.I. Khan	Miranshah ** ...	000	0	4	05	05	98	02	0	382	93	4	0	9	0	0	68	93	000	0	0	05	05	99	00	0	395	84	0	0	9	0	0	64	79	—	—	0.5	— 1.8	2.0	11
	Wana ** ...	000	0	0	00	00	99	03	0	403	76	0	0	9	0	0	53	76	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			11
Quetta	Fort Sandeman **	000	0	0	35	05	96	05	0	351	01	0	0	9	0	0	29	03	000	0	0	1	05	02	97	02	1	397	80	1	1	7	0	0	65	77	+ 4	+ 10	1.4	— 1.4	5.7	9
	Hindubagh ** ...	000	0	2	23	05	94	00	0	394	92	0	0	9	0	0	63	94	000	0	0	27	03	97	00	0	422	78	0	0	9	0	0	52	65	—	—	2.7	—	5.9	9
	Loralai ** ...	000	0	0	25	02	96	00	0	370	83	0	0	9	0	0	79	07	000	0	0	27	02	98	00	0	400	75	0	0	9	0	0	52	58	—	—	0.6	—	0.6	—
	Barkhan ** ...																																								14
	Harnai ** ...	000	0	0	00	00	96	00	2	357	99	0	0	9	0	0	36	99	000	0	0	00	00	96	02	0	344	80	0	0	9	0	0	70	//	—	—	0.9	— 3.0	2.6	9
	Samungli (Quetta) **	000	0	0	31	10	96	05	0	379	86	0	0	9	0	0	73	02	008	0	0	29	03	95	05	0	411	74	0	0	9	0	0	55	64	—	—	0.5	— 0.2	3.1	8
	Chaman ** ...	000	0	0	27	09	97	00	0	385	01	0	0	9	0	0	50	02	000	0	0	00	03	97	00	0	516	82	0	0	9	0	0	56	77	+ 2	—	0.0	— 2.0	4.8	—
	Nushki ** ...	000	0	2	23	04	96	05	0	449	02	0	0	9	0	0	78	03	000	0	0	00	00	97	02	0	450	50	0	0	9	0	0	65	86	—	—	0.5	—	2.7	4
	Dalbandin ** ...	000	0	0	13	03	95	05	0	388	07	0	0	9	0	0	47	09	000	0	0	00	00	96	02	0	///	/8	0	0	9	0	0	60	79	—	—	0.0	— 0.1	0.5	7
Kalat	Kalat ** ...	000	0	0	29	02	97	02	0	373	88	0	2	9	0	0	65	91	003	0	0	13	02	97	02	0	405	72	0	0	9	0	0	34	62	— 0	+ 1	0.9	+ 0.1	2.3	—
	Khuzdar ** ...	000	0	0	00	00	96	03	4	306	02	2	5	6	0	0	31	02	C00	0	0	00	00	96	02	0	398	81	0	0	9	0	0	64	77	—	—	1.7	—	2.6	5
	Panigur ...																																								—

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 31st JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lh_lC_mh_mC_nh_n$	D_sV_sa PP	7RR t_Rt_R	$8N_vCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
British Chivalry	99 2 14	10 6 46	30 0 63	82 4 20	97 0 52	11 2 28								
Kossmatella	99 1 51	10 6 54	30 0 63	72 3 17	97 0 28	09 2 27					0 / / 23	12 7 00	33 4 03	24 7 07
Karanja	99 1 25	10 6 16	30 0 63	32 4 22	98 0 20	08 2 27	44 4 61			83 0 / /	05 0 26		32 1 02	28 6 06
Kerma	99 1 92	10 6 63	30 0 63	81 4 47	97 1 83	02 5 27	32 4 00			87 4 11	0 / / 24	12 7 42	33 4 06	23 0 12
Kermia	99 2 01	10 6 53	30 4 23	82 4 25	97 0 22					87 4 / /	0 / / 24		30 4 02	23 0 12
City of Jhmes	99 2 68	10 6 43	30 1 23	82 3 20	97 0 52	11 0 27				87 3 00				
City of Jonn	99 2 45	10 6 60	30 1 23	01 5 17	98 0 11	97 5 85	00 9 00	23 8 70	05 1 78			18 6 08	30 2 02	18 6 02
Suridhana	99 2 48	10 5 78	31 0 83	31 5 03	97 0 20	96 7 30	00 9 00	13 2 04		8 / / /	05 3 28		31 / / /	15 0 01
British Chivalry	99 2 00	10 6 33	30 1 83	82 4 22	97 0 52	11 1 87	86 3 00							
Korm's	99 2 10	10 6 42	30 4 83	82 5 16	96 1 02	91 5 27	76 3 / /				0 / / 24	12 4 50	30 2 02	23 0 12
Karanja	99 1 45	10 6 26	30 1 83	72 4 22	97 0 32	06 3 26	78 4 / /			83 4 07	05 1 25		30 1 02	27 6 06

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PoPoPo ToToTo DoDo	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 TTaDD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	995 262 09	...	405 182 11	056 098 27	580 015 50	755 127 48	969 259 60	249 481 / /	433 631 / /	674 771 / /	...	...	...
Dacca	00 00	995 274 14	...	380 190 25	042 125 50	580 015 56	755 105 58	971 255 63	250 /// //	...	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	996 294 54	...	400 130 35	995 050 38	567 085 / /	738 155 / /	948 325 / /	226 451 / /	...	...	...	...	...
Multan	00 00	800 314 67	...	300 267 60	985 036 / /	571 155 / /	711 325 / /	922 421 / /	240 577 / /	...	...	...	...	...
Peshawar	00 00	5/ / 260 40	...	351 260 61	052 165 59	561 051	...	...	...	...	...	...	...	...
Quetta	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha														

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TTa DD	Max. Wind Speed	TROPOPAUSE
			PmPmPm dmdmfmfmfm	$P_cT_sP_cT_cT_cT_{ac}$ dt dt ft ft ft
16	17	18 19 20 21 22 23 24 25 26	27	28 29
Chittagong	00 00	900 210 05 / 800 158 10 / 600 050 27 / 350 185 60	...	...
Dacca	00 00	900 220 23 / 850 170 20 / 600 064 50 / 350 175 59	...	...
Gilgit				
Jiwani				
Karachi	00 00	...	...	...
Multan	00 00	...	...	...
Peshawar	00 00	...	...	...
Quetta	00 00	MISDA	...	...
Sargodha				

PPP—Pressure in hunderds tens and anics of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotenral metras.

TT—Dry Bulb temperatures in °C

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

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	115 18	115 18	115 18	...	110 23					...	...	...	...	...	...	140 13	145 27	145 27	140 27							
Chaklala	..	255 10	275 08	277 15	275 15	229 08	011 50	...	...	...	105 55	/// //	345 05	310 07	05/ 6 /	...	165 05	155 19	270 02	010 01	290 12	...	...	...	...	...
Chhor																210 12	225 19	210 19	250 21							
Chittagong	150 11	155 24	155 27	160 30	...	...	...	...	...	228 18	230 10	240 17	...	...	...	151 17	160 19	175 17	...	...	...	...	...	...	...	...
Cox's Bazar										...	...	...	...	...	...	185 18	210 16	215 13	215 21	220 24	...	...	...	...	...	...
Dacca	140 12	145 24	145 29	145 29	143 32	140 30	111 / /	143 21	140 19	165 20	170 14	180 17	205 21	205 23	...	130 13	155 19	155 09								
Dalbandin			235 06	250 07	255 06	320 11	334 52	355 14	220 04	352 7	140 17	165 10	...	...	...			165 01	035 11	320 13	025 11	350 28	355 00	265 15	035 13	065 18
D. I. Khan	03/ 02	130 05	140 6/	133 14	135 15	010 04	292 0/	007 01	...	130 07	115 53	065 24	240 05	235 / /	280 03	150 09	140 08	...	145 06	125 02	165 03	120 07	200 08	265 13	295 15	320 14
Drosh	...	...	...	240 54	170 06	190 03	170 06	240 13	...	...	...	...	220 01	285 01	220 01				275 10	080 02	330 02	135 09	240 09	250 19	260 10	280 53
Fort Sandeman	...	...	...	320 11	290 12	240 12	285 24	300 27	295 29	...	...	...	/10 05	220 07	310 18	...	...	...	335 03	280 02	065 16	245 19	215 19	215 10	285 17	315 22
Jacobabad	185 11	185 08	188 01	182 08	030 06	335 17	320 13	340 12	345 21	...	...	...	...	...	...	160 07	115 09	150 11	150 12	180 20	290 12	260 20	390 01	330 20	285 14	245 07
Jessore	135 15	140 21	155 27	160 27	168 01	...	...	...	...	160 19	160 23	165 24	285 26	155 23	452 1/	140 15	160 17	160 13	165 10	165 20	...	...	...	...	...	...
Jhelum										075 03	315 14	315 53	310 52	295 53	...	200 03	225 03	255 12	350 09	...	...	...	...	...	...	...
Jiwani	130 01	070 07	069 00	122 00	140 00	030 10	...	...	...	...	...	...	...	...	...	140 05	251 15	...	...	...	...	...	...	...	...	...
Karachi	245 01	255 12	255 15													260 13	225 29	...	...	...	...	...	...	...	...	...
Khanpur	240 10	235 13	235 14	195 10	225 09	240 34	235 21	...	245 34	230 21	235 40	251 / /	220 75	180 12	...	200 17	210 19	210 21	210 21	200 25	155 08	220 17	335 17	...	...	...
Lahore	295 03	300 03	300 03	300 03	350 02	350 6/	340 11	330 15	325 19	075 /4	070 04	085 59	310 11	...	...	130 07	145 02	185 05	230 01	250 10	035 06	240 01	230 02	195 04	175 06	325 03
Multan	185 05	170 06	115 07	170 06	117 06	335 12	300 5/	310 25	...	100 11	145 06	240 01	265 15	515 2/	...	220 09	220 09	200 17	245 CB	155 C6	270 01	315 13	247 11	255 12	...	...
Nawab Shah	195 06	215 56	325 55		301 1	...	...	...	...	225 11	240 06	260 04	310 04	360 04	005 / /	315 10	320 03	250 13	245 01	030 09	010 14	035 09	040 05	015 12	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	230 03	285 04	228 50	275 06	235 04	325 12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	300 06	320 10	331 07	335 23	330 21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha	210 03	115 01	125 01	145 08	224 50	275 15	...	285 20	290 02	160 59	325 17	255 19	310 29	300 12	295 18	020 01	115 15	125 23	220 04	285 15	380 08	255 19	240 19	320 12	...	...
Sylhet	145 08	120 09	125 79	260 21	145 05	...	...	...	...	...	160 10	165 ,9	275 17	...	...	...	...	...	...	325 14	345 10	320 14	290 12	310 12	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
F.R. Sargodha																		
Karachi	255 18	255 24	260 23	265 17	300 21	085 22	030 20	025 21	320 10	...	...	...	...	...	...	...	...	...
Peshawar																		
Quetta																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

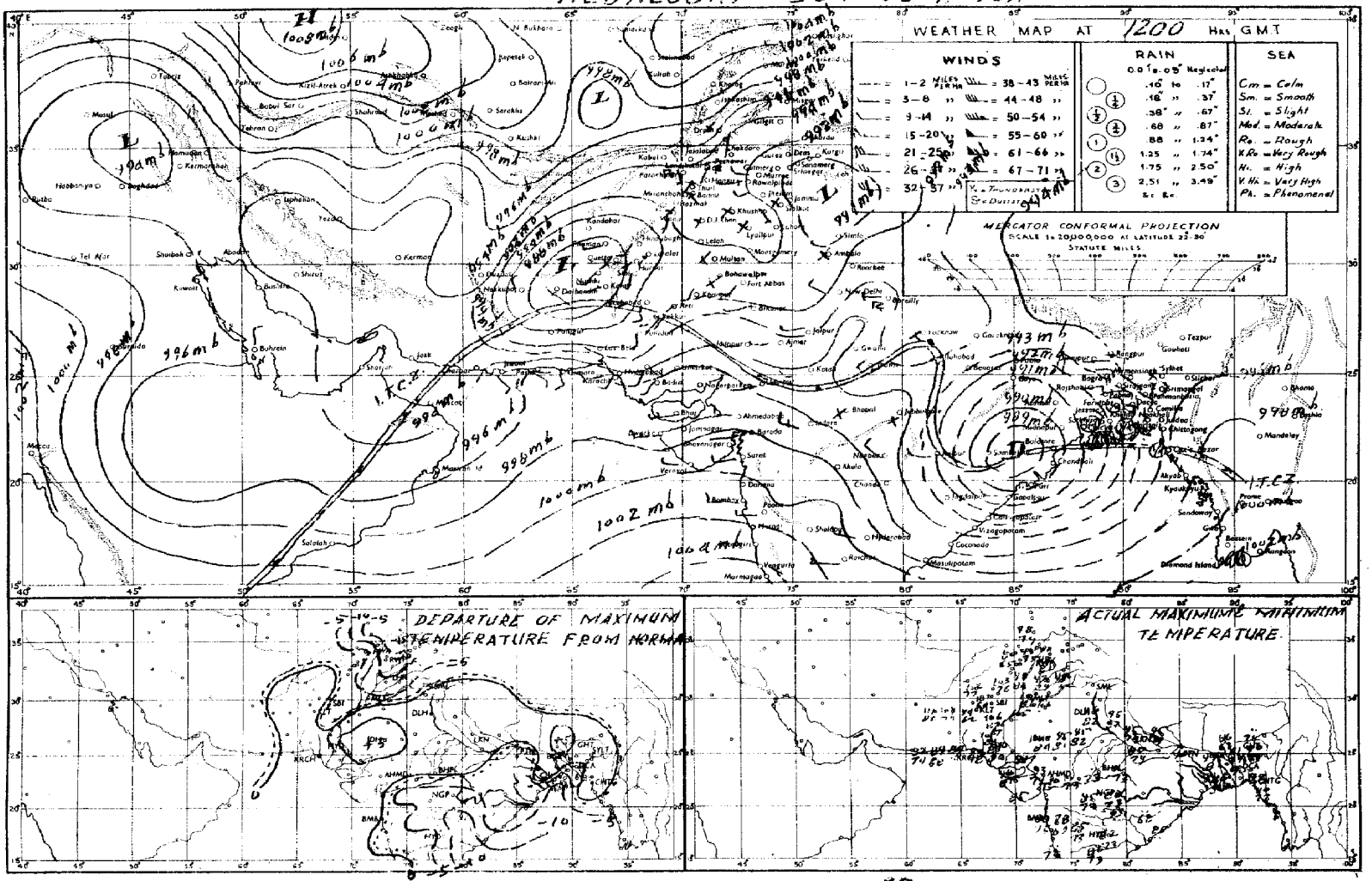
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

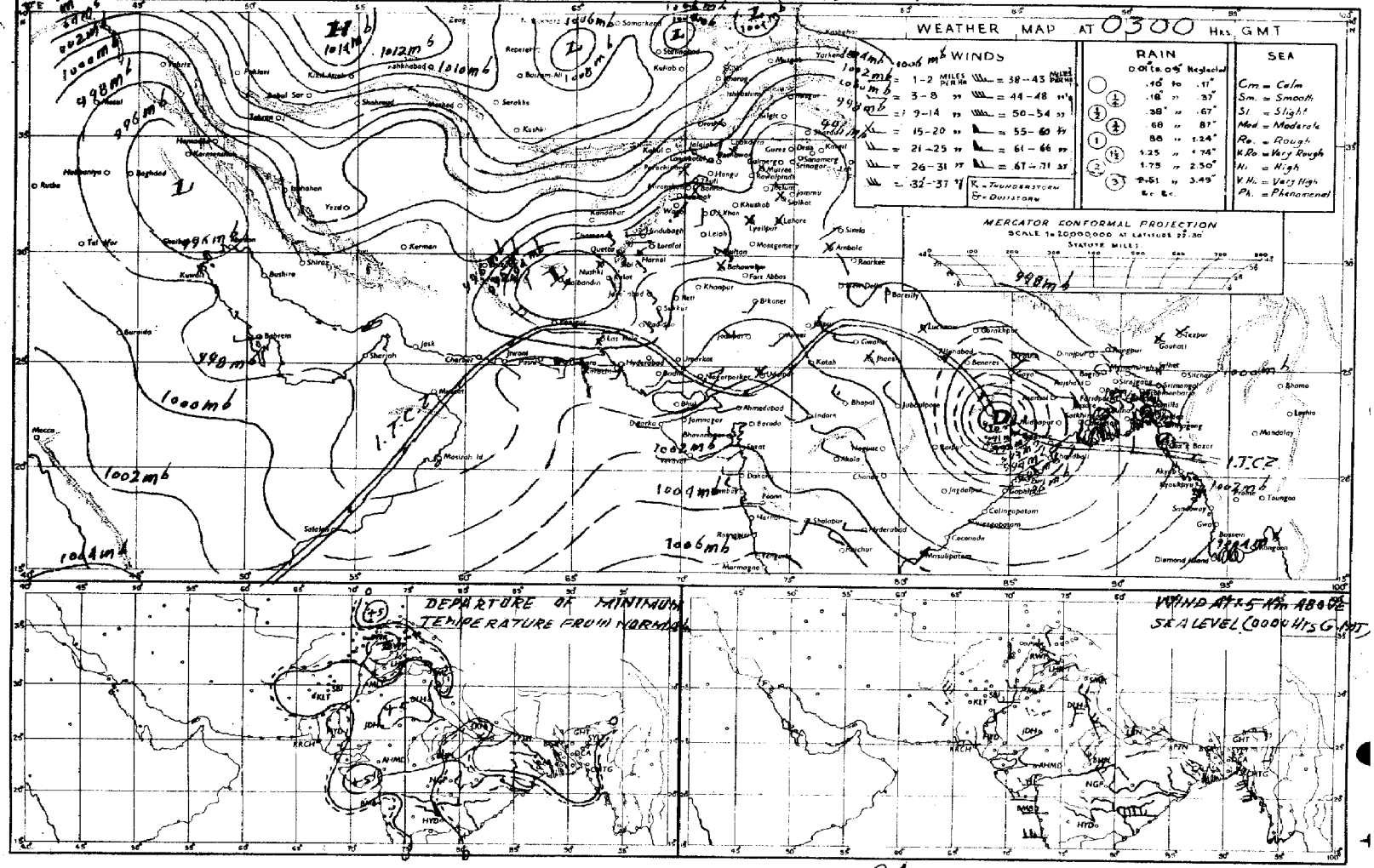
WEDNESDAY 30th JULY 1969



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 31st JULY, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 1st AUGUST 1969.

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

Yesterday's deep depression moved northwestwards and was centred last evening at 31,1200 G.M.T. about 100 miles north of Daltongang thereafter it moved west north-westwards, weakened and lies this morning at 01,0300 G.M.T. as a depression about 60 miles north-northeast wards of Perdra. It is likely to continue moving in the same direction.

Moonsoon has been fairly active over East Pakistan and has caused widespread rain/thundershowers in Chittagong, Dacca and Khulna divisions and local in Rajshahi division.

The westerly low pressure wave north of west Pakistan has moved slightly eastwards.

Weather remained mainly dry over the Province.

Chief amounts of rainfall are : Chittagong and Maijdee Court 2" each, Cox's Bazar 1½", Jessore 1", Rangamati (upto 0000 G.M.T.) and Comilla 3/4" each, Narayanganj, Dacca (upto 0000 G.M.T.) and Faridpur ½" each and Sylhet (upto 0000 G.M.T.) Srimangal (upto 1200 G.M.T.) Barisal, Khulna and Sirajganj ½" each.

Day temperatures were 3—5 °F (2—3 °C) above normal in Rajshahi, Multan and Bahawalpur divisions and 3—6 °F (2—3 °C) below normal in Rawalpindi costal Kalat and Khairpur divisions and nearly normal elsewhere over the country.

Forecast valid until the evening of 2nd August 1969 :—Fairly widespread rain/thunderstorms are likely to occur in East Pakistan and scattered in D. I. Khan, Peshawar, Rawalpindi divisions and Kashmir.

Karachi-11
The 1st August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS (1)	STATIONS (2)	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Winds speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) ° PPP (11)	Dry Bulb temperature ° TT (12)	Amount of Lowest Clud † Nh (13)	Low Clud from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)	At 0300 Hrs. G. M. T. of date: Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure from Normal of: Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	028	4	9	18	05	96	06	0	947	78	9	1	4	1		77	86	...																				—		—
	Cox's Bazar	066	9	8	21	22	95	15	6	989	80	6	6	3	4	0	//	86	125	9	6	21	07	95	61	6	014	77	7	7	3	2	0	77	78	+ 1	+ 2	40.8	—26.8	48.4	140
	Chittagong	121	9	7	20	12	96	60	9	979	80	7	3	2	2	1	80	87	244	9	7	13	10	95	60	6	007	80	7	6	3	2	0	80	77	+ 1	+ 1	16.1	— 2.9	69.3	108
	Maijdee Court	000	0	0	00	00	96	03	2	968	83	4	5	5	1	0	78	//	200	9	8	18	02	96	03	6	003	79	8	5	4	0	0	77	79	—	+ 1	72.5	+29.5	80.6	115
	Comilla	000	0	5	18	05	96	02	2	972	85	8	4	5	0	0	77	90	074	7	7	18	04	56	02	6	000	81	7	4	4	0	0	79	79	+ 3	+ 2	52.4	+ 1.7	71.5	94
	Brahmanbaria																																								78
	Sylhet	003	5	8	00	00	96	17	9	969	85	7	3	3	2	1	77	//	...																	—					—
	Srimangal	020	9	8	18	09	96	02	9	973	82	4	8	4	3	1	76	91	...																	+ 1					58
Dacca	Mymensingh	025	0	6	00	00	96	62	2	977	82	6	5	5	0	0	78	90	...																	+ 3					91
	Narayanganj	000	0	8	13	05	96	02	2	962	86	6	5	6	3	1	80	86	045	1	8	23	05	97	03	6	988	82	8	5	3	0	0	80	79	— 2	0	23.9	— 1.9	47.3	74
	Dacca (Tezgaon)	004	5	7	13	05	97	02	6	960	85	3	8	4	3	1	78	87	...																	—					—
	Faridpur	040	0	8	23	09	93	02	2	967	85	8	4	5	0	0	78	86	051	2	8	16	05	97	02	6	976	85	5	4	5	1	0	80	79	— 1	0	20.5	— 5.5	34.1	71
Khulna	Barisal	020	3	7	18	03	97	02	2	961	85	5	4	4	1	0	78	87	...																	0					81
	Khulna	000	0	4	13	05	97	03	0	950	87	2	2	4	0	8	82	90	025	4	4	18	05	97	03	0	972	81	2	2	4	0	0	//	79	+ 3	+ 1	17.7	— 9.6	23.8	68
	Satkhira	060	3	6	13	02	97	03	6	947	86	6	6	5	2	0	78	90	...																	+ 2					65
	Jessore	000	0	5	11	03	93	03	0	964	82	5	5	5	0	0	82	85	105	8	8	00	00	97	02	6	984	80	5	7	3	2	0	78	79	—	—	22.2	— 2.6	36.6	65
Rajshahi	Pabna	000	0	1	18	02	97	02	2	959	87	6	0	7	6	0	85	90	022	7	8	13	02	97	02	2	982	82	8	6	6	0	0	78	79	+ 3	0	22.1	— 2.4	28.7	59
	Sirajganj	015	2	7	09	02	95	03	6	953	85	7	4	7	1	1	80	92	015	9	7	13	02	95	03	1	984	83	7	7	5	0	0	78	80	+ 3	+ 1	24.6	+ 1.9	38.4	64
	Rajshahi	007	7	8	13	03	96	02	2	952	87	4	4	4	0	8	78	90	007	9	7	13	07	96	03	2	980	85	7	8	4	3	0	79	81	+ 1	+ 2	12.4	— 3.9	28.4	—
	Bogra	000	0	5	09	02	96	01	1	952	87	5	0	9	2	0	80	91	000	0	6	09	02	90	21	0	974	82	4	6	6	3	0	79	//	+ 1	—	36.5	+ 7.0	5.5	69
	Dinajpur	000	0	5	00	00	96	03	1	940	87	2	2	6	1	0	78	95	000	0	5	13	02	96	23	0	984	90	2	2	6	2	0	80	82	+ 5	+ 3	40.7	+ 6.4	59.3	72
	Rangpur																																								84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	27	02	97	02	0	927	98	0	0	9	0	0	72	98	000	0	0	00	00	95	05	0	953	90	0	0	9	0	0	75	82	— 1	+ 4	10.1	+ 2.9	14.7	19
	Sialkot																																								32
Rawalpindi	Jhelum	000	0	1	23	03	98	02	0	919	99	1	1	7	0	0	78	02	000	0	0	00	00	97	02	0	957	90	0	0	9	0	0	78	82	—	—	10.9	—	19.2	—
	Islamabad																																								—
	Rawalpindi	000	0	0	27	02	99	00	1	912	02	0	0	9	0	0	60	02	000	0	0	00	00	99	00	0	955	87	0	0	9	0	0	70	80	+ 6	+ 4	5.4	— 5.3	15.5	36
	Campbellpur																																								—
Sargodha	Khushab	000	0	0	18	11	98	00	0	926	00	0	0	9	0	0	86	02	000	0	0	00	00	97	00	0	936	86	0	0	9	0	0	85	//	0	—	0.7	— 4.7	4./	15
	Sargodha	000	0	0	23	02	97	01	0	929	80	0	0	9	0	0	77	02	000	0	0	13	03	96	04	0	954	90	0	0	9	0	0	75	82	—	—	10.2	—	13.8	—
	Lyallpur	...																	000	0	0	00	00	96	00	0	942	86	0	0	9	0	0	80	82	—	+ 1	2.6	— 1.6	5.6	12
Multan	Sahiwal																																								10
	Multan	000	0	2	13	02	97	02	0	925	00	2	0	9	3	0	73	05	000	0	0	05	05	97	01	0	956	90	0	0	9	0	0	75	87	+ 4	+ 3	7.9	+ 5.2	10.9	7
	Leiah																																								8
Bahawalpur	Khanpur	000	0	0	20	03	97	02	0	916	05	0	0	9	0	0	68	08	008	0	5	23	05	96	00	0	961	85	5	0	9	3	0	73	60	— 5	— 2	0.0	— 2.8	0.9	6
	Bahawalpur	000	0	0	00	00	96	00	0	938	04	0	0	9	0	0	85	05	000	0	0	00	00	96	02	0	969	90	0	0	9	0	0	75	82	+ 3	— 1	0.6	— 2.2	1.9	6
	Fort Abbas	000	0	0	23	02	96	00	0	879	06	0	0	9	0	0	98	08	...																						8
Peshawar	Chakdra	000	0	1	36	02	97	02	0	900	98	1	1	7	0	0	73	98	000	0	0	00	00	98	02	0	946	82	0	0	9	0	0	64	73	+ 1	—	1.4	—	10.8	—
	Peshawar	000	0	1	09	03	97	02	0	917	00	1	1	6	3	0	64	02	000	0	0	00	00	97	01	0	950	90	0	0	9	0	0	70	79	—	—	3.0	+ 1.3	11.7	11
	Haripur	000	0	0	18	05	97	00	0	928	96	0	0	9	0	0	64	98	...																						—
D. I. Khan	Bannu	000	0	5	13	01	98	02	2	924	98	1	1	8	3	8	73	00	000	0	0	09	01	99	01	1	953	85	2	0	9	0	0	75	82	—	—	0.5	—	4.3	11
	D. I. Khan	000	0	0	00	00	98	00	0	927	03	0	0	9	0	0	77	03	...																						9
Quetta	Sibi	000	0	0	18	03	97	02	0	915	09	0	0	9	0	0	//	10	000	0	0	13	03	97	02	0	956	87	0	0	9	0	0	66	88	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	00	00	55	05	1	8 8	10	4	5	6	0	0	56	12	000	0	1	31	02	96	01	0	972	89	1	5	7	0	0	59	81	—	—	0.0	—	0.3	2
Kalat	Turbat																																								—
	Jiwani	000	0	1	18	10	96	02	0	965	83	1	6	5	0	0	73	88	000	0	5	27	05	96	03	2	981	84	6	6	5	5	0	78	82	—	—	0.0	—	2.0	5
	Pasni	000	0	0	25	12	97	02	0	975	88	0	0	0	0	0	78	88	000	0	4	25	08	97	02	0	987	82	4	0	9	0	0	77	76	— 3	— 1	0.0	— 0.7	0.0	6
Karachi division	Ormara	000	0	0	27	12	96	02	0	972	82	0	0	9	0	0	81	89	003	0	6	27	03	96	02	2	992	82	6	6	0	0	0	79	//	—	—	0.0	— 0.7	0.6	6
	Lasbela																		000																						8
	Karachi (Manora)	000	0	4	27	02	97	03	0	964	84	4	6	4	0	0	77	87	...																	0					8
	Karachi (Airport)	000	0	6	27	02	96	03	0	962	85	6	6	4	0	0	74	90	003	0	8	27	03	96	50	2	990	80	5	6	5	2	1	76	80	—	—	1.5	—	1.6	—
Hyderabad	Nagarparker	000	0	6	05	02	97	02	0	999	94	6	6	6	0	0	70	91	000	0	0	00	00	96	02	0	030	84	8	6	6	0	0	67	82	—	—	0.1	—	0.1	—
	Chhor	000	0	3	23	14	96	01	0	940	95	3	0	9	3	0	75	97	...																		—				7
	Hyderabad	000	0	0	00	00	97	02	0	946	94	0	0	9	0	0	71	00	000	0	2	32	07	97	02	0	974	85	2	8	5	0	0	73	81	+ 3	+ 1	0.2	— 3.3	0.3	9
	Badin	000	0	3	23	06	96	03	0	973	93	0	0	9	0	3	74	94	000	0	6	23	03	96	02	0	004	82	0	0	9	0	6	76	80	+ 1		0.3	— 3.7	0.3	—
Khairpur	Padidan	000	0	0	18	05	96	02	0	912	05	0	0	9	0	0	69	08	000	0	0	00	00	96	02	0	960	85	0	0	9	0	0	73	80	—	—	0.8	—	0.8	—
	Nawabshah	000	0	0	18	10	96	02	0	929	04	0	0	9	0	0	//	06	000	0	0	18	02	96	02	0	962	85	0	0	9	0	0	76	81	—	—	1.0	—	1.1	4
	Sukkur	000	0	0	23	05	90	02	0	913	05	0	0	9	0	0	75	07	000	0	0	23	05	96	02	0	962	84	0	0	9	0	0	74	80	—	—	0.0	—	0.0	—
	Kashmore	000	0	0	18	03	98	02	0	936	00	0	0	9	0	0	76	02	000	8	0	00	02	98	02	0	966	87	0	0	9	0	0	76	82	—	—	0.0	—	0.0	4
	Jacobabad	000	0	0	31	07	97	02	0	912	03	0	0	9	0	0	75	03	000	0	0	09	07	97	02	0	965	85	0	0	9	0	0	75	83	— 4	0	0.5	— 0.8	0.8	20
Junagadh	Veraval																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar *																																								71
	Gulmarg **																																								26
	Sonamarg **																																								3
	Dras **																																								6
	Leh **																																								—
	Skardu *																																								—
	Misgar **																																								5
	Aliabad *																																								59
	Gilgit *																																								
Rawalpindi	Murree *	000	0	3	27	03	98	01	1	399	79	3	1	4	0	0	60	79	003	0	0	27	03	98	00	1	421	70	0	0	9	8	0	60	63	—	+ 5	7.2	— 9.6	25.8	18
Peshawar	Drosh *	000	0	6	23	10	97	01	0	389	91	5	8	7	3	0	45	98	...																	+ 1			—		29
	Cherat *	000	6	0	18	02	98	03	0	406	90	0	0	9	0	0	49	91	000	0	0	18	01	98	00	0	411	80	0	0	9	0	0	63	//	—	—	2.4	— 2.6	11.5	—
	Kakul *	000	0	2	18	03	98	02	0	410	89	2	2	6	6	0	43	89	000	0	0	09	05	98	02	0	415	85	0	0	9	0	0	59	73	—	—	8.2	—	19.0	—
	Landikotal *	000	0	0	05	05	98	02	0	394	95	0	0	9	0	0	63	98	000	0	9	03	05	98	02	0	413	86	0	0	9	0	0	45	70	—	—	0.9	—	11.4	29
	Prachinar *	000	0	3	16	03	98	03	0	404	85	3	1	7	0	0	58	86	000	0	0	00	00	98	02	0	422	77	0	0	9	0	0	45	66	0	0	4.0	—	14.7	13
D.I. Khan	Miranshah *	000	0	4	05	05	98	02	0	400	94	4	0	9	0	0	66	96	000	0	0	05	05	99	00	0	411	87	0	0	9	0	0	63	80	—	—	0.5	— 2.0	2.0	11
	Wana *																		...																						11
Quetta	Fort Sandeman *	000	0	3	18	05	97	01	0	370	97	3	4	7	0	0	54	99	000	0	0	00	00	97	02	0	406	82	0	0	9	0	0	69	79	0	—	1.4	— 1.4	5.7	—
	Hindubagh *	000	0	0	20	03	97	02	0	380	82	0	0	9	0	0	78	90	000	0	0	00	00	97	02	0	437	80	0	0	9	0	0	55	65	—	—	2.7	—	5.9	9
	Loralai *	000	0	0	25	02	98	00	0	379	95	0	0	9	0	0	91	10	000	0	0	27	02	98	00	0	390	75	0	0	9	0	0	45	58	—	—	0.6	—	0.6	—
	Barkhan *																																								14
	Harnai *	000	0	0	00	00	96	02	0	351	00	0	0	9	0	0	63	99	000	0	0	00	00	96	02	0	406	88	0	0	9	0	0	74	//	—	—	0.8	— 3.0	2.6	9
	Samungli (Quetta) *	000	0	0	34	21	95	02	0	382	97	0	0	9	0	0	60	00	000	0	8	00	00	96	05	0	416	78	0	0	9	0	0	52	62	—	—	0.5	— 0.2	3.1	8
	Chaman *	000	0	0	27	09	97	00	0	392	02	0	0	9	0	0	31	03	000	0	0	18	04	97	00	0	406	81	0	0	9	0	0	55	77	+ 3	+ 1	2.1	— 2.0	4.8	—
	Nushki *	000	0	0	00	00	96	05	0	449	02	0	0	9	0	0	78	04	000	0	0	31	03	95	05	0	440	90	0	0	9	0	0	66	88	—	—	1.0	—	2.7	4
	Dalbandin *	000	0	0	00	00	96	03	0	384	08	2	2	9	0	0	65	11	000	0	0	31	05	96	05	0	326	92	0	0	9	0	6	50	82	+ 2	+ 7	0.0	— 0.1	0.5	7
Kalat	Kalat *	000	0	0	31	03	97	03	0	387	87	0	0	9	0	0	51	90	000	0	0	23	02	97	02	0	414	74	0	0	9	0	0	44	63	— 1	+ 2	0.9	+ 0.1	2.3	—
	Khuzdar *	000	0	0	23	07	97	02	0	366	04	2	2	9	5	1	//	05	000	0	0	00	00	96	02	0	403	88	0	0	9	0	0	45	79	—	—	1.7	—	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 ever 999 is given RRR see the summary above for the actual amounts of rainfall.

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PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 1st JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	$7RRt_Rt_R$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
British Chivlary	99 1 94	10 6 35	31 0 03	82 4 22	97 0 52	16 8 00	86 3 00	...		...	...	...	..	...
Suridhana	99 2 60	10 5 68	31 0 03	71 4 02	97 0 31	96 0 37	70 9 51	73 5 00		03 2 17	...	.	3 / / 00	14 / 00
Kossmatella	99 1 51	10 6 94	30 0 63	72 3 17	97 0 28	00 2 27	44 4 61	...		0/ / 23	...	12 7 00	30 4 03	24 7 07
City of Johaner	99 2 19	10 6 59	31 1 23	81 8 21	97 0 02	98 4 28	85 5 00	23 6 12		.	00 0 77	18 2 88	30 2 02	18 6 08
Karnja	99 1 84	10 6 42	31 1 23	72 3 29	97 0 22	02 1 28	78 3 00	...		...	...	...	...	...
Karnja	99 1 96	10 6 47	31 1 83	72 3 22	97 0 12	03 3 27	78 3 //	...		83 2 12	05 1 26	.	30 2 02	25 6 06
Dwarka	99 2 35	10 6 74	31 1 83	62 5 10	97 0 20	58 7 28	65 5 //	33 2 08		86 6 95	00 3 25	...	30 2 03	27 5 06

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	997 256 03	...	400 160 25	065 084 25	579 035 16	752 143 //	965 291 68	241 519 //	422 611 //	662 773 //	...	...	...
Dacca ...	00 00	997 274 20	...	420 184 25	023 112 26	594 039 21	764 125 50	978 255 61	260 489 //	443 621 //	686 765 //	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	995 280 55	...	400 220 56	055 150 65	390 015 //	764 153 //	976 270 //	260 415 //	...	...	...	...	—
Multan ...	00 00	981 185 83	...	350 270 64	043 086 36	571 091 //	741 201 //	947 325 //	215 515 //	...	...	...	...	...
Peshawar ...	00 00	995 264 59	...	630 264 61	050 156 61	582 034 //	759 081 //	977 227 //	...	...	...	...	...	...
Quetta ...	00 00	813 259 86	...	...	077 132 43	050 095 //	745 301 //	...	...	...	...	...	...	...
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels.									Max. Wind Speed	TROPOPAUSE	
		PPP TT T_a DD									PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 186 20	800 140 21	600 012 34	350 203 42	..	...	...	...	...	...	..	...
Dacca ...	00 00	900 210 27	800 160 20	600 050 56	350 181 57	...	...	...	...	..	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	..	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	..	.	...	...	...
Quetta ...	00 00	800 128 33	600 028 //	350 265 //	..	..	...	..	...	...	—	...	...
Sargodha ...													

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	137 10	150 09	155 08	140 09	130 12	...	..		...	110 11	110 19	100 09	100 08	..	...	...	...	...	...	..	...	...	...	...	...	...
Chaklala —		270 03	245 07	353 07	215 08	265 03	295 07	215 08	240 02		...	...	...	...	..	...	...	...	.	...	—	...	...	...	...	...
Chhor ...	225 21	220 16	225 11	225 05	340 05	360 17	010 23	...	...	220 21	220 27	230 23	305 10	...	...	255 12	230 14	240 16	...	...	...	..	...	...	...	.
Chittagong ...	175 12	180 29	180 32	165 26	...	...	..	...	...	...	...	...	...	...	...	005 10	205 19	210 17	...	215 15	...	...	..	...	...	..
Cox's Bazar ...	210 19	200 19	185 17	...	...	...		.	...	210 15	215 21	225 21	...	...	..	225 12	225 25	230 06	...	...	...	—	...	...	...	...
Dacca ...	140 18	140 09	155 12	155 17	165 15	160 19	155 19	155 21	155 21	145 17	165 12	165 10	// //	175 15	..	195 15	200 15	205 17		...			...	...		...
Dalbandin ...	...	...	100 05	060 03	015 07	350 12	360 10	010 08	020 05	...	...	340 05	085 03	145 03	170 21	...	...	360 07	305 14	340 22	345 19	335 23	320 27	045 14	...	...
D. I. Khan ...	175 06	180 07	175 08	145 14	135 17	230 07	285 17	315 21	300 15	175 03	205 04	200 50	290 05	095 05	345 12	160 04	160 07	100 08	140 05	090 03	030 05	050 01	265 08	345 01	...	...
Drosh .	...	..	...	240 15	235 18		...	...	...	...	...	...	240 01	230 01	290 03	...	...	...	025 02	050 04	035 04	205 06	120 09	265 17	...	...
Fort Sandeman ...	...	...	..	200 09	200 17	200 14	190 51	080 31	330 14	...		...	335 01	230 04	310 08	...	...	...	085 01	030 03	185 05	295 10	300 10	325 10	350 09	..
Jacobabad ...	145 71	140 15	148 13	175 06	195 05	225 04	280 08	335 07	337 08	175 15	175 15	185 09	330 05	180 06	315 17	145 02	205 04	200 03	200 04	345 11	360 17	005 14	330 02	360 04	060 21	080 21
Jessore ...	No	Ascent			...		...	...	...	215 04	215 11	225 10	245 07	270 04		180 07	205 09	210 07	225 12	...	...	...	...	...	...	...
Jhelum ...	190 02	180 04	175 04	315 05	329 51	330 11	045 02	330 09	230 22	...	...	...	...	...	...	125 02	230 04	290 03	315 06	295 12	295 15	290 10	110 08	120 13	285 40	..
Jiwani ...	260 12	240 15	..		...	...	...	.	...	220 01	255 15	...	...	.	...	300 01	345 03	...	...	...	..	...	...	...	...	...
Karachi ...	240 12	250 4	...		...		...		...	...	...	...	..	..		245 13	260 14	...	..	...	...	...	...	...		—
Khanpur ...	221 03	200 10	195 10	180 08	200 10	215 18	245 17	285 12	315 15	205 12	210 13	210 13	215 13	255 18	320 06	120 13	220 13	200 10	155 06	160 15	195 06	...	...	...	...	...
Lahore ...	295 04	305 06	315 03	015 01	025 02	325 08	005 12	340 21	330 15	155 04	190 03	..	315 03	260 03	355 07	255 05	250 04	295 05	260 06	320 08	345 10	315 03	350 17	010 05	200 11	.
Multan ...	160 07	190 07	190 07	165 05	115 07	305 07	300 15	330 17	355 25	205 17	205 13	195 08	275 08	320 16	355 04	210 15	215 14	215 16	210 22	305 13	210 07	030 04	340 15	350 17	350 29	010 12
Nawab Shah .	185 11	205 09	280 05	330 03	345 10	010 17	035 23	...	142 11	170 07	170 12	275 12	340 07	320 12	300 10	200 04	325 07	355 07	350 10	005 19	350 12	330 15	..	...	...	...
Panjgar ...	...	...	..	...	...	...	...		..	...		...	...	...	...	...	...	...		...		...	...	...	...	...
Peshawar ...	...	090 04	135 07	200 09	245 08	270 56	315 05	285 23	320 19	...	325 15	325 06	325 13	325 12	320 14	...	350 04	305 04	255 13	220 07	275 13	165 04	065 09	310 10	...	...
Quetta ...	...	...		..	335 21	325 11	355 22	355 12	350 10	...	..		...	—	...	...	...	...	...		..	..	..	...	..	...
Sargodha ...	205 02	195 04	190 06	040 15	015 13	300 07	335 15	340 12	350 12	...		...	...	...	...	240 02	265 03	265 05	245 05	240 04	325 12	275 04	020 04	020 06	...	...
Sylhet ...	150 10	105 15	165 16	165 20	...	...	...	...	...	160 17	170 16	.	...	...	...	165 10	175 15	175 12	..	...	...	...	...	—	.	...
Veraval	...	...				..	..	...	...	...	...		..	..	.	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	250 13	245 15	280 15	125	345 27	090 16	015 19	020 17	035 17	045 15	020 14	...	...	...	...	...	..	..
Peshawar ...																		
Quetta ...																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

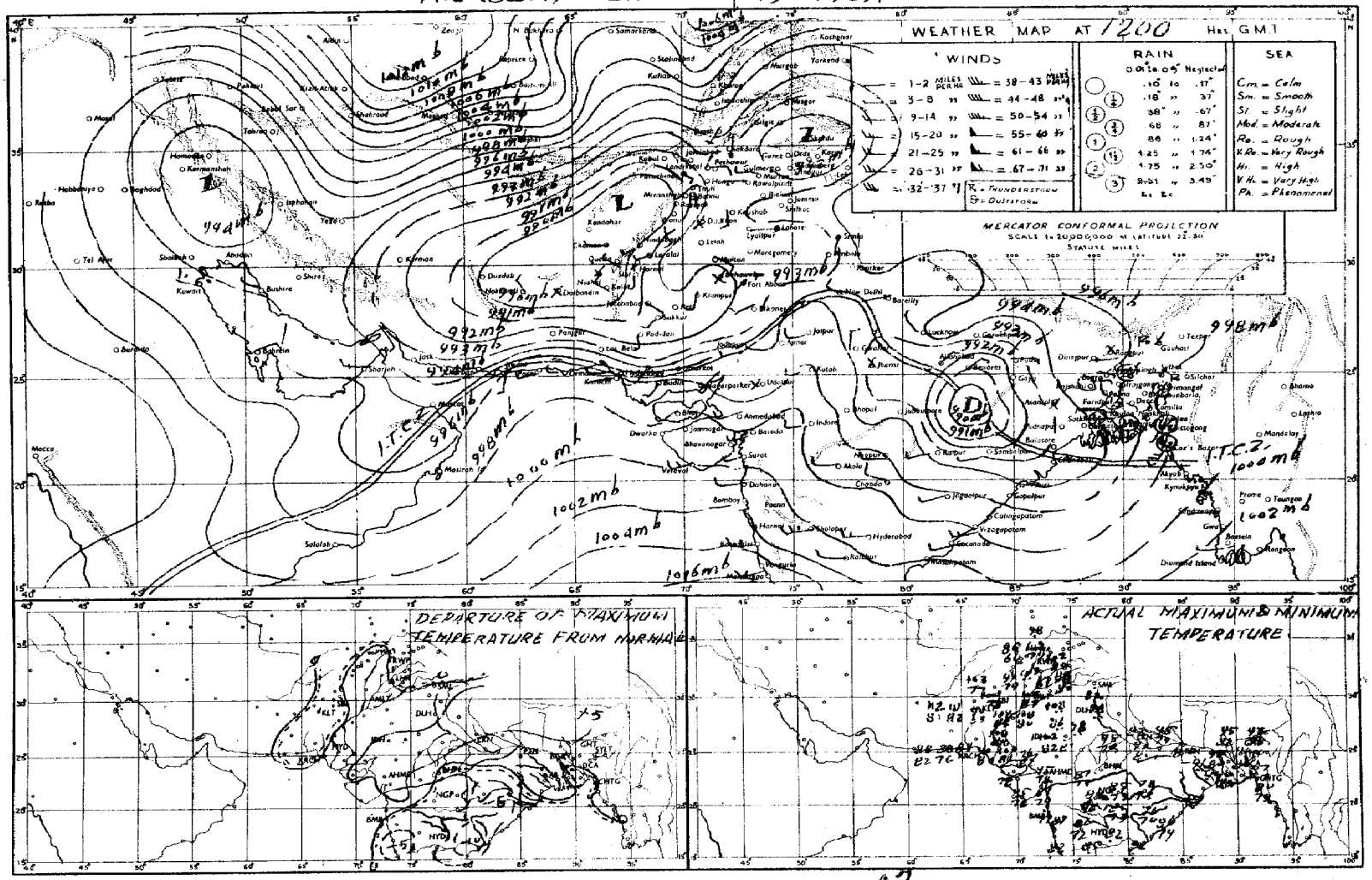
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

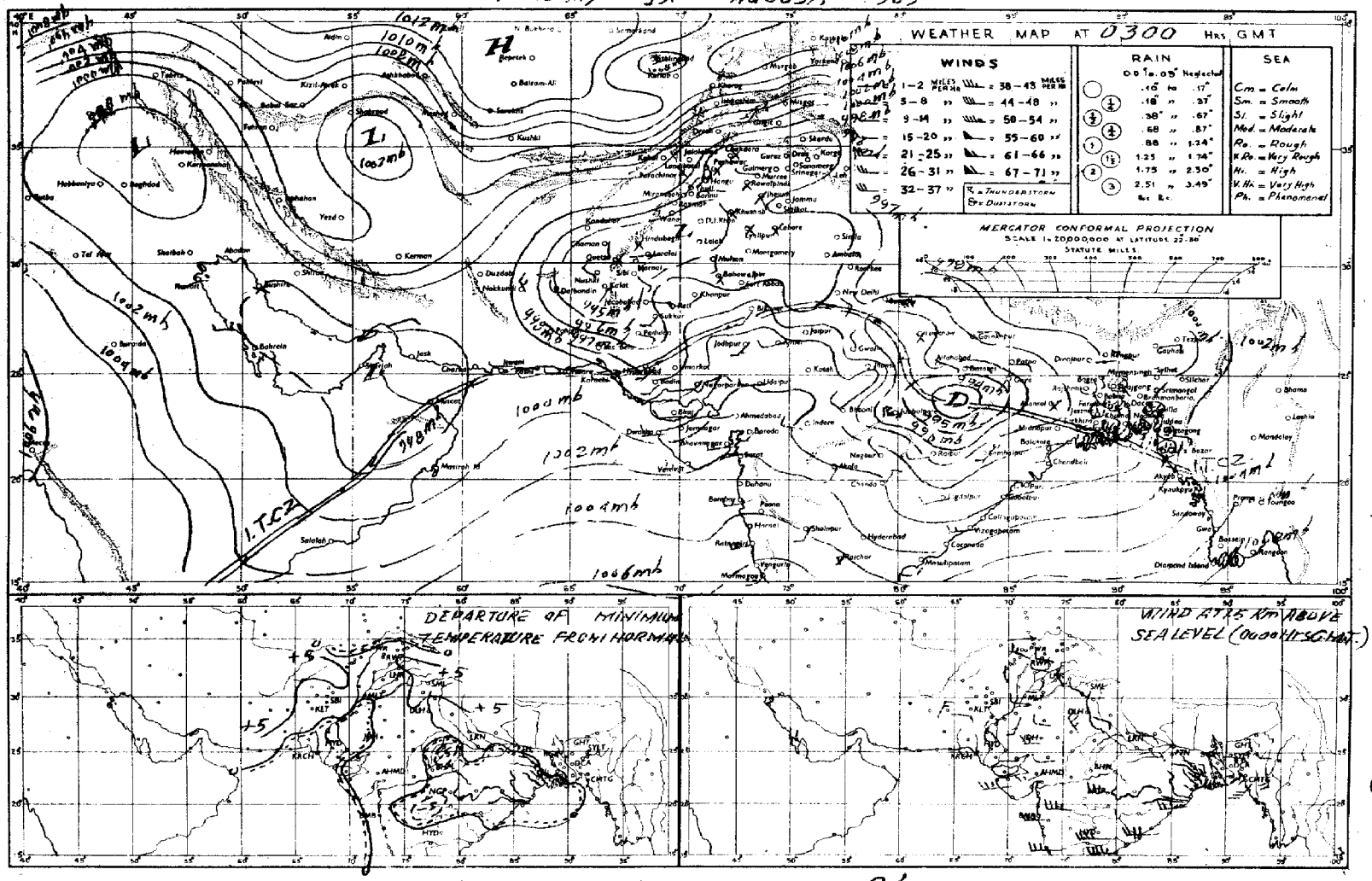
THURSDAY 31st JULY, 1969.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 1st AUGUST, 1969



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

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

Reg. No. S-1467
Volume No. 23

SATURDAY THE 2nd AUGUST 1969.

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

Yesterday's depression moved northwards and was centred last evening at 01,1200 G.M.T. about south of Benaras. There after it remained stationary, weakened and lies as a well marked low pressure area over east Uttar Pradesh and neighbourhood. Likely weaken further. Moonsoon has been active over East Pakistan and has caused fairly widespread rain/thunderstorm in east Pakistan. Yesterday's westerly low pressure wave has moved away northeastwards and has caused accentuation of the seasonal trough of low pressure extending from Khairpur division to Peshawar division.

Weather was mainly dry over west Pakistan.

Chief amounts of rainfall are: Pabna 5", Faridpur 4", Khulna, Barisal 3" each (upto 0000 G.M.T.) Chittagong 3" (0300), Satkhira 1½", Dacca 1", Rangamati, Sylhet, Sirajganj and Rajshahi ½" each (upto 0000).

Day temperatures were 3—8 °F (2—5 °C) above normal in Peshawar, Multan, Sargodha and Rawalpindi divisions and were 4—5 °F (3 °C) below normal in Chittagong division.

Forecast valid until the evening of 3rd August 1969:—Fairly widespread rain/thundershowers are likely to occur over East Pakistan, local in Rawalpindi division, Kashmir and scattered in D. I. Khan, Sargodha, Peshawar and Lahore divisions.

Karachi-11
The 2nd August, 1969.

(ZARIF AHMED)
for Director, Meteorological Service.

OBSERVATIONS

At 12 Hrs. G.M.T. of Previous day (columns 3–19)

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	030	5	7	18	09	99	02	6	995	81	5	7	5	7	/	77	82
Chittagong	Cox's Bazar	527	2	8	25	10	95	97	9	991	81	5	7	3	2	0	79	86
Chittagong	Chittagong	171	9	8	13	07	95	61	6	987	77	7	7	2	2	/	77	81
Chittagong	Maijdee Court	000	9	7	18	02	96	03	2	973	82	5	5	5	1	0	79	87
Chittagong	Comilla	000	2	4	18	07	96	02	2	968	84	4	4	7	0	0	77	87
Chittagong	Brahmanbaria																	
Chittagong	Sylhet	004	0	8	00	00	96	61	6	970	82	5	3	3	2	/	79	81
Chittagong	Srimangal	085	9	7	09	02	96	02	9	981	82	4	9	4	3	1	79	87
Dacca	Mymensingh	000	0	5	13	02	96	02	2	973	84	5	5	5	0	0	79	87
Dacca	Narayanganj	000	0	8	13	03	96	03	2	961	84	8	5	4	/	/	73	84
Dacca	Dacca (Tezgaon)	005	8	7	18	05	97	02	6	960	84	5	8	5	2	4	79	87
Dacca	Faridpur	015	0	7	16	02	97	02	6	932	84	5	5	4	1	0	79	90
Khulna	Barisal	009	0	7	18	05	97	02	2	967	82	5	4	4	2	0	79	86
Khulna	Khulna	000	0	4	18	05	97	03	0	950	87	2	2	4	0	0	82	90
Khulna	Satkhira	010	3	6	23	01	97	03	6	951	84	6	5	5	2	0	79	87
Khulna	Jessore	005	9	7	15	05	97	02	6	954	84	5	3	4	7	0	79	87
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi	Sirajganj	075	3	8	00	00	95	03	6	956	81	8	7	5	/	/	81	87
Rajshahi	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi	Bogra	036	9	6	13	02	96	21	6	956	82	4	8	4	3	0	79	87
Rajshahi	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi	Rangpur	016	6	6	13	02	96	01	9	938	84	5	5	6	2	0	77	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	03	0	922	00	1	0	9	0	0	73	
Lahore	Sialkot																	00
Rawalpindi	Jhelum	000	2	5	23	03	97	02	1	908	96	/	/	7	1	1	73	04
Rawalpindi	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Rawalpindi	000	0	1	27	03	99	00	0	893	03	0	0	9	0	0	56	03
Rawalpindi	Campbellpur																	
Sargodha	Khushab	000	0	0	18	11	98	00	0	913	03	0	0	9	0	0	94	03
Sargodha	Sargodha	000	0	1	23	03	97	02	0	908	00	1	0	9	3	0	82	03
Sargodha	Lyallpur	000	0	0	29	02	96	00	0	903	99	0	0	9	0	0	65	03
Multan	Sahiwal																	
Multan	Multan	000	0	2	28	09	97	03	0	915	03	1	2	0	9	3	73	04
Multan	Leiah	000	0	0	31	05	95	00	0	928	04	0	0	9	0	0	79	04
Bahawalpur	Khanpur	000	0	0	23	05	97	01	0	910	04	0	1	9	0	0	64	05
Bahawalpur	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	Fort Abbas	000	0	0	23	02	96	00	0	896	16	0	0	9	0	0	99	18
Peshawar	Chakdra	000	0	0	36	02	98	02	0	873	00	0	0	9	0	0	72	00
Peshawar	Peshawar	000	0	0	09	02	97	02	0	889	03	1	1	6	0	0	65	05
Peshawar	Haripur	000	0	0	23	05	97	30	0	938	//	0	0	9	0	0	63	//
D. I. Khan	Bannu	000	0	2	09	02	99	01	0	897	03	2	2	7	0	0	69	05
D. I. Khan	D. I. Khan	000	0	0	00	00	98	00	0	904	//	0	0	9	0	0	79	//
Quetta	Sibi	000	0	0	13	03	97	02	0	910	08	0	0	9	0	0	68	09
Quetta	Nokkundi	000	0	0	31	35	92	07	3	923	00	0	0	9	0	0	61	01
Kalat	Turbat																	
Kalat	Jiwani	000	0	5	23	07	96	03	1	968	87	3	0	9	5	7	77	92
Kalat	Pasni	000	0	0	23	14	97	02	0	967	88	0	0	0	0	0	88	90
Karachi division	Ormara	000	0	1	27	10	96	02	2	962	85	1	6	6	0	0	82	88
Karachi division	Lasbela	///	0	0	13	03	97	00	0	929	00	0	0	8	0	0	77	04
Karachi division	Karachi (Manora)	000	0	5	28	05	97	03	0	955	84	5	0	9	2	0	78	87
Karachi division	Karachi (Airport)	000	0	7	27	10	96	02	2	953	86	7	6	5	0	0	76	86
Hyderabad	Nagarparker	///	/	6	23	02	97	03	0	998	95	6	6	6	0	0	72	97
Hyderabad	Chhor	000	0	4	23	14	96	03	1	945	93	4	6	5	0	0	74	96
Hyderabad	Hyderabad	000	0	0	23	09	97	02	0	940	96	0	0	9	0	0	75	00
Hyderabad	Badin	000	0	6	23	04	96	03	0	///	//	0	0	9	0	6	75	93
Khairpur	Padidan	000	0	2	13	03	97	03	0	912	08	2	0	9	3	0	64	09
Khairpur	Nawabshah	000	0	2	13	10	96	03	0	927	04	0	0	9	0	/	78	06
Khairpur	Sukkur	000	0	0	13	02	96	02	0	913	08	0	0	9	0	0	76	09
Khairpur	Kashmore																	
Khairpur	Jacobabad	000	0	0	13	07	97	02	0	912	04	0	0	9	0	0	71	04
Junagadh	Veraval																	
HILL STATIONS																		
Kashmir	Srinagar *																	
Kashmir	Gulmarg **																	
Kashmir	Sonamarg **																	
Kashmir	Dras **																	
Kashmir	Leh **																	
Kashmir	Skardu *																	
Kashmir	Misgar **																	
Kashmir	Aliabad *																	
Kashmir	Gilgit *																	
Rawalpindi	Murree *	000	0	2	29	03	98	01	1	385	81	2	1	4	0	0	64	81
Peshawar	Drosh *	000	0	0	23	05	99	02	0	356	00	0	0	9	0	0	53	04
Peshawar	Cherat *	000	0	0	18	01	98	00	0	336	96	0	0	9	0	0	56	99
Peshawar	Kakul *	000	0	1	23	05	98	03	0	389	90	1	2	6	0	0	60	91
Peshawar	Landikotal *	000	0	0	05	05	98	02	0	487	00	0	0	9	0	0	58	03
Peshawar	Prachinar *	000	0	0	16	03	99	02	0	383	90	0	0	9	0	0	50	90
D.I. Khan	Miranshah *	000	0	0	05	04	99	00	0	376	00	0	0	9	0	0	65	//
D.I. Khan	Wana *	000	0	3	23	07	96	00	0	422	87	0	0	0	0	0	80	94
Quetta	Fort Sandeman *	000	0	2	31	02	97	02	0	373	99	2	1	7	0	0	40	00
Quetta	Hindubagh *	000	0	0	27	03	97	02	0	367	97	0	0	9	0	0	35	98
Quetta	Loralai *	000	0	0	27	02	98	00	0	395	95	0	0	9	0	0	54	98
Quetta	Barkhan *																	
Quetta	Harnai *	000	0	0	00	00	96	02	0	360	04	0	0	9	0	0	64	01
Quetta	Samungli (Quetta) *	000	0	0	27	10	95	05	0	317	92	0	0	9	0	0	51	96
Quetta	Chaman *	000	0	0	18	07	96	00	0	390	96	0	0	9	0	0	43	97
Quetta	Nushki *	000	0	0	31	10	94	05	0	464	99	0	0	9	0	0	76	00
Quetta	Dalbandin *	000	0	0	31	14	94	07	0	410	06	0	0	9	0	0	11	08
Kalat	Kalat *	000	0	0	30	13	96	02	0	378	82	0	0	9	0	0	41	87
Kalat	Khuzdar *	000	0	0	27	12	95	07	0	360	00	0	0	9	0	0	35	02
Kalat	Panjgur *																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts ff (24)	Horizontal visiblity † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (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	063	9	7	18	02	97	07	9	023	82	6	7	5	2	/	79	76
Chittagong	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong	Chittagong	332	9	8	13	10	96	50	6	018	80	6	7	3	2	0	77	76
Chittagong	Maijdee Court	103	9	/	//	//	96	03	6	004	81	4	2	5	2	1	//	//
Chittagong	Comilla	100	9	4	18	05	96	07	0	008	84	4	4	7	0	0	81	76
Chittagong	Brahmanbaria																	
Chittagong	Sylhet	054	9	7	05	05	97	06	0	017	81	5	4	4	7	0	77	77
Chittagong	Srimangal	002	9	5	09	03	96	07	8	015	83	2	9	5	2	1	76	77
Dacca	Mymensingh	010	7	7	13	05	97	03	2	083	85	7	8	4	0	0	78	78
Dacca	Narayanganj	077	3	8	18	02	97	66	0	001	79	8	7	3	/	/	79	76
Dacca	Dacca (Tezgaon)	122	9	8	18	02	96	61	6	995	79	6	7	3	2	/	79	77
Dacca	Faridpur	355	3	9	18	02	97	64	2	985	84	6	4	4	5	0	79	77
Khulna	Barisal	289	2	7	13	03	96	09	5	995	81	6	4	5	1	0	81	77
Khulna	Khulna	300	9	6	00	00	97	02	0	986	81	4	2	4	0	0	[illegible]	77
Khulna	Satkhira	009	0	6	18	03	97	01	0	998	80	0	2	9	0	1	80	78
Khulna	Jessore	183	8	7	23	09	97	26	0	986	81	7	6	2	6	8	78	//
Rajshahi	Pabna	530	9	8	23	02	97	01	9	989	84	8	7	6	/	/	79	77
Rajshahi	Sirajganj	027	2	8	13	02	97	02	6	982	80	8	6	6	0	0	78	78
Rajshahi	Rajshahi	158	9	7	27	02	95	09	7	980	81	7	7	5	/	/	81	77
Rajshahi	Bogra	047	9	9	09	05	96	07	9	985	81	6	8	4	3	/	79	81
Rajshahi	Dinajpur	832	2	5	07	02	96	05	1	986	86	5	0	9	2	/	81	81
Rajshahi	Rangpur	028	8	6	13	05	96	03	6	982	87	6	5	6	0	0	80	80
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	3	09	03	96	01	1	942	90	1	2	6	7	0	80	86
Lahore	Sialkot																	
Rawalpindi	Jhelum	000	0	1	03	03	97	01	0	941	90	0	0	9	0	0	82	82
Rawalpindi	Islamabad	000	0	0	27	03	98	00	0	419	70	0	0	9	0	0	60	64
Rawalpindi	Rawalpindi	000	0	0	05	02	98	00	0	936	90	0	0	9	0	0	75	82
Rawalpindi	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	97	00	0	936	85	0	0	9	0	0	85	//
Sargodha	Sargodha	090	0	1	07	03	97	00	0	938	90	0	0	9	0	0	80	82
Sargodha	Lyallpur	000	0	0	36	00	98	00	0	946	94	0	0	9	0	0	79	73
Multan	Sahiwal																	
Multan	Multan	000	0	2	18	10	96	07	0	945	90	0	0	9	0	0	73	86
Multan	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	Khanpur	000	0	0	23	07	97	02	0	945	85	0	0	9	0	0	73	82
Bahawalpur	Bahawalpur	003	0	0	00	00	97	00	0	947	87	0	0	9	0	0	73	82
Bahawalpur	Fort Abbas	003	0	0	23	03	//	//	/	980	87	0	0	9	0	0	56	//
Peshawar	Chakdra	000	0	0	00	00	98	02	0	930	83	0	0	9	0	0	66	76
Peshawar	Peshawar	010	0	0	31	02	96	06	0	939	86	0	0	9	0	0	70	80
Peshawar	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	D. I. Khan	030	0	0	01	10	98	00	0	934	96	0	0	9	0	0	77	85
Quetta	Sibi	000	0	0	18	03	97	02	0	948	90	0	0	9	0	0	48	89
Quetta	Nokkundi	000	0	0	31	21	96	02	0	992	81	0	0	9	0	0	36	77
Kalat	Turbat																	
Kalat	Jiwani	000	0	3	23	06	96	02	0	973	85	3	6	5	0	0	81	83
Kalat	Pasni	000	0	4	25	08	97	02	0	989	83	4	0	9	0	0	80	76
Karachi division	Ormara	003	0	4	27	10	96	84	4	982	82	4	6	6	0	0	81	//
Karachi division	Lasbela	///	0	0	00	00	98	00	0	960	83	0	0	8	0	0	77	75
Karachi division	Karachi (Manora)	000	0	7	27	09	95	03	0	973	80	7	0	9	4	/	79	80
Karachi division	Karachi (Airport)	000	4	8	23	05	96	50	5	971	81	4	6	5	2	/	78	79
Hyderabad	Nagarparker	000	0	6	23	02	96	02	0	012	83	8	6	6	0	0	68	85
Hyderabad	Chhor	000	0	8	13	17	96	03	1	968	83	6	6	5	2	/	75	81
Hyderabad	Hyderabad	000	0	7	30	//	97	02	2	960	83	8	6	5	0	0	//	82
Hyderabad	Badin	000	0	8	23	04	96	03	0	004	82	0	0	9	0	8	76	80
Khairpur	Padidan	000	0	0	13	05	97	02	0	946	85	0	0	9	0	0	75	82
Khairpur	Nawabshah	003	0	3	13	12	96	03	0	945	86	0	0	9	0	1	77	81
Khairpur	Sukkur	000	0	0	23	05	96	02	0	949	85	0	0	9	0	0	76	81
Khairpur	Kashmore																	
Khairpur	Jacobabad	000	0	4	03	05	96	03	0	945	85	0	0	9	0	4	78	83
Junagadh	Veraval																	
HILL STATIONS																		
Kashmir	Srinagar *																	
Kashmir	Gulmarg **																	
Kashmir	Sonamarg **																	
Kashmir	Dras **																	
Kashmir	Leh **																	
Kashmir	Skardu *																	
Kashmir	Misgar **																	
Kashmir	Aliabad *																	
Kashmir	Gilgit *																	
Rawalpindi	Murree *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Drosh *	000	0	0	00	00	98	02	0	410	82	0	0	9	0	0	49	76
Peshawar	Cherat *	000	0	0	18	01	94	00	0	397	79	0	0	9	0	0	63	//
Peshawar	Kakul *	000	0	0	27	02	98	02	0	404	87	0	0	9	0	0	50	76
Peshawar	Landikotal *	000	0	0	09	02	98	02	0	372	77	0	0	9	0	0	50	//
Peshawar	Prachinar *	000	0	0	00	00	97	02	0	414	81	0	0	9	0	0	58	71
D.I. Khan	Miranshah *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	000	0	0	00	00	96	02	0	392	86	0	0	9	0	0	53	79
Quetta	Hindubagh *	000	0	0	23	02	97	02	0	427	76	0	0	9	0	0	53	66
Quetta	Loralai *	000	0	4	27	02	98	01	0	395	75	0	1	8	0	4	45	58
Quetta	Barkhan *																	
Quetta	Harnai *	000	0	0	00	00	96	02	0	363	84	0	0	9	0	0	71	//
Quetta	Samungli (Quetta) *	000	0	0	00	00	96	05	0	426	71	0	0	9	0	0	51	66
Quetta	Chaman *	000	0	0	23	03	97	00	0	420	75	0	0	9	0	0	48	73
Quetta	Nushki *	000	0	0	33	05	94	05	0	471	78	0	0	9	0	0	44	76
Quetta	Dalbandin *	000	0	0	23	03	95	05	0	422	78	0	0	9	0	0	38	73
Kalat	Kalat *	000	0	0	31	02	96	02	0	418	70	0	0	9	0	0	41	59
Kalat	Khuzdar *	000	0	0	31	05	93	05	4	401	85	0	0	9	0	0	33	85
Kalat	Panjgur *																	

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

Divisions (1)	Stations (2)	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	49.7	—	56.2	—
Chittagong	Cox's Bazar	+ 1					140
Chittagong	Chittagong	— 5	0	19.4	—25.5	72.6	108
Chittagong	Maijdee Court	+ 1	— 1	75.5	+29.6	87.6	115
Chittagong	Comilla	0	— 1	53.4	+17.5	72.5	94
Chittagong	Brahmanbaria						78
Chittagong	Sylhet	—		60.1	—	58.0	—
Chittagong	Srimangal	— 4		37.5	—	52.6	98
Dacca	Mymensingh	— 1	0	33.6	— 3.9	45.8	91
Dacca	Narayanganj	— 4	— 3	24.6	— 1.6	48.1	74
Dacca	Dacca (Tezgaon)	—	—	22.5	—	33.6	—
Dacca	Faridpur	+ 3	— 2	21.0	— 5.5	37.6	71
Khulna	Barisal	+ 1	— 1	—	—	—	81
Khulna	Khulna	+ 3	— 1	20.7	— 7.0	27.0	68
Khulna	Satkhira	— 1	0	16.5	— 9.9	21.8	65
Khulna	Jessore	—	/	24.0	— 1.2	32.4	65
Rajshahi	Pabna	—	—	22.0	—	35.7	59
Rajshahi	Sirajganj	— 2	— 1	22.3	— 2.5	29.0	64
Rajshahi	Rajshahi		— 2	26.2	+ 3.0	40.3	—
Rajshahi	Bogra	— 1	+ 2	13.0	— 3.9	29.0	69
Rajshahi	Dinajpur		+ 2	44.6	+14.8	67.8	72
Rajshahi	Rangpur	+ 5	+ 1	40.9	+ 6.3	59.6	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	+ 2	+ 8	1.1	+ 2.7	14.7	19
Lahore	Sialkot						32
Rawalpindi	Jhelum	—	—	1.8	—	19.2	—
Rawalpindi	Islamabad	—	—	8.7	—	16.7	—
Rawalpindi	Rawalpindi	+ 8	+ 6	5.4	— 5.5	15.5	36
Rawalpindi	Campbellpur						—
Sargodha	Khushab	+ 2	0	0.7	— 4.8	4.1	15
Sargodha	Sargodha	—	—	10.2	—	13.8	—
Sargodha	Lyallpur	+ 4	—	0.0		1.8	12
Multan	Sahiwal						10
Multan	Multan	+ 4	+ 2	7.8	+ 5.2	10.9	7
Multan	Leiah	—					8
Bahawalpur	Khanpur	+ 2	0	0.0	— 2.8	1.0	6
Bahawalpur	Bahawalpur		— 1	0.6	— 2.3	1.8	6
Bahawalpur	Fort Abbas	—	—	0.6	—	0.7	8
Peshawar	Chakdra	—	—	1.4	—	10.8	—
Peshawar	Peshawar	+ 5	+ 1	3.0	+ 1.2	11.7	11
Peshawar	Haripur	/					—
D. I. Khan	Bannu	—					11
D. I. Khan	D. I. Khan	/	+ 2	1.3	— 1.7	3.7	9
Quetta	Sibi	—	—	0.2	—	0.3	5
Quetta	Nokkundi	—	—	0.0	—	0.2	2
Kalat	Turbat						—
Kalat	Jiwani	—	—	0.0	—	2.0	5
Kalat	Pasni	+ 1	— 1	0.0	— 0.7	0.0	6
Karachi division	Ormara	—	/	0.0	— 0.7	0.6	6
Karachi division	Lasbela	—	—	0.7	—	0.7	8
Karachi division	Karachi (Manora)	+ 2	+ 1	1.0	— 3.0	1.1	8
Karachi division	Karachi (Airport)	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	—	—	0.1	—	0.1	—
Hyderabad	Chhor	—	—	0.2	—	0.3	7
Hyderabad	Hyderabad	+ 3	+ 2	0.2	— 2.4	0.3	9
Hyderabad	Badin	0	0	0.3	— 3.7	0.3	—
Khairpur	Padidan	—	—	0.0	—	0.8	—
Khairpur	Nawabshah	—	—	1.6	—	1.1	4
Khairpur	Sukkur	—	—	0.0	—	0.0	—
Khairpur	Kashmore						4
Khairpur	Jacobabad	— 1	0	0.5	— 0.8	0.8	20
Junagadh	Veraval						26
HILL STATIONS							
Kashmir	Srinagar *						—
Kashmir	Gulmarg **						71
Kashmir	Sonamarg **						26
Kashmir	Dras **						3
Kashmir	Leh **						6
Kashmir	Skardu *						—
Kashmir	Misgar **						—
Kashmir	Aliabad *						5
Kashmir	Gilgit *						59
Rawalpindi	Murree *	+ 9					18
Peshawar	Drosh *	+ 8	—	1.0	—	12.2	29
Peshawar	Cherat *	+ 12	/	2.4	— 2.7	11.5	—
Peshawar	Kakul *	—	—	8.2	—	19.0	—
Peshawar	Landikotal *	—	/	0.8	—	11.4	29
Peshawar	Prachinar *	+ 5	+ 5	4.0	—	14.7	13
D.I. Khan	Miranshah *	/					11
D.I. Khan	Wana *	—					11
Quetta	Fort Sandeman *	+ 5	+ 5	1.4	— 1.5	5.7	—
Quetta	Hindubagh *	—	—	2.7	—	6.0	9
Quetta	Loralai *	—	—	0.6	—	0.6	—
Quetta	Barkhan *						14
Quetta	Harnai *	—	/	0.8	— 3.3	2.6	9
Quetta	Samungli (Quetta) *	—	—	0.5	— 0.2	3.1	8
Quetta	Chaman *	— 3	— 3	2.1	+ 2.0	4.8	—
Quetta	Nushki *	—	—	1.0	—	2.6	4
Quetta	Dalbandin *	0	— 2	0.0	— 0.1	0.5	7
Kalat	Kalat *	— 3	— 2	0.8	+ 0.1	2.2	—
Kalat	Khuzdar *	—	—	1.6	—	2.0	5
Kalat	Panjgur *						—

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 2nd JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV w_w W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sC_hh_s$	$OT_sT_wT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_wd_wd_wP_wH_wH_w$	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Mdudweser	99 2 30	10 5 97	01 0 69	11 4 10	97 0 10	03 8 26	00 9 01	34 0 00	...	...	0/ / 22	12 6 37	30 3 01	15 5 09
Nedeswesor	99 2 17	10 6 09	01 1 23	32 1 16	97 0 30	01 4 24	31 5 00	34 7 02	...	...	0/ / 22	12 4 35	30 3 02	19 6 05
Karnaje	99 2 37	10 6 64	08 1 23	82 7 19	97 0 22	97 6 28	88 3 00	...	...	68 3 00	05 2 26	..	30 2 02	25 5 05
Melder	99 2 02	10 6 22	09 1 83	82 1 18	97 0 31	99 7 25	55 4 11	30 2 21	...	..	0/ / 24	..	30 5 03	21 6 06
Karanja	99 2 24	10 6 58	01 0 63	82 6 20	97 5 02	02 0 28	88 3 //	...	...	..	05 0 27	..	..	20 2 02
British Sailor	99 2 03	10 6 95	01 1 82	82 5 23	97 0 28	02 1 28	8/ / //	...	73 3 07	83 7 07	0/ / 25	12 8 20	30 4 01	28 9 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
		PoPoPo ToToTo DoDo	hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	998 250 08	...	...	069 098 18	581 407 54	541 123 14	969 255 62	248 490 5/	...	..	..	...	...
Dacca ...	00 00	997 274 20	...	350 176 56	048 110 56	...	753 113 65	/// 070 26	259 485 / /	..	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	995 264 07	...	350 200 30	012 100 57	571 071 / /	741 1/ / /	951 3 5 / /	208 451 / /	...	...	...	...	...
Multan ...	00 00	980 306 58	...	350 244 56	008 144 56	582 040 / /	762 015 / /	985 131 / /	288 241 / /	...	...	...	...	...
Peshawar ...														
Quetta ...														
Sargodha ...	00 00	981 294 56	...	480 254 56	160 130 25	588 061 / /	760 165 / /	971 295 / /	245 401 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD									Max. Wind Speed	TROPOPAUSE	
											PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{as}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 200 15	800 140 8/	600 036 11	350 181 57	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 210 50	800 164 57	600 044 51	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...													
Quetta ...													
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	-	...	...

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T† of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T.† of date(dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	150 13	145 3/	140 10	135 13	145 15	...	..		...	115 17	135 21	...	...		...	145 18										
Chaklala ...		/ / 09	/20 04	285 04	030 06	890 04		325 06	240 06		090 08						310 01	235 02	265 03	285 10	310 10	015 11	010 03	325 08	...	...
Chhor ...	220 08	215 10	130 03	045 03	315 06	135 05	070 16	...	065 16	225 21	220 28	...	...	...	...	215 20	225 16									
Chittagong ...	140 15	145 18	155 18	...	160 21	...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Cox's Bazar ...																										
Dacca ...	155 12	165 08	170 14	175 10	170 13					170 20	170 12	180 10		215 19		165 11	180 13	180 13	19/ 12	205 07						
Dalbandin ...			350 06	345 13	330 10	325 15						241 10	285 14	305 13	340 25			230 01	310 05	270 09	335 33	350 29	050 10	070 15	...	...
D. I. Khan ...	190 17	195 17	190 15	130 13	130 15	055 07	325 11	335 17	300 23	175 05	165 07	150 10	111 04	090 03	120 04	190 07	190 07	195 05	130 10	105 14	180 06	360 05	035 04	025 11		
Drosh ...	...	..	...	275 12	225 10	185 08	065 06	265 12	255 16	...	...	...							245 03	220 04	350 01	345 04	010 06	355 09	295 17	265 20
Fort Sandeman ...		...	...	210 02	309 50	300 09	180 05	295 07	015 14				205 50	285 07	350 12				010 04	355 24	275 02	185 03	015 06	025 12	...	...
Jacobabad ...	150 08	145 08	155 07	345 11	345 09	350 20	310 13	005 13	...	171 07	190 09	...	260 05	..	300 09	160 08	150 04	285 03	285 07	345 13	320 11	355 13	020 07	080 12	...	...
Jessore ...	165 10	180 11	190 09	205 12	205 11	...	...	...	...	No	Ascent	...					...	...	...	...	...	...	...	...	...	...
Jhelum ...	225 11	215 10	200 06	360 02	070 09	010 12	...	...	...	140 05	200 02	300 02	315 06	305 07	350 12	135 06	180 06	190 04	300 08	320 12	355 12	...	...	...	...	...
Jiwani ...	225 08	260 03	260 03	015 12	360 12	350 14	350 15	...	...	270 15	290 19	270 21	285 19	...	...	290 02	355 06	330 06	340 09	...	...	...	...	...	...	...
Karachi ...	260 14	265 13	...	...	...	...	...	...	...	...	...	...	...	...	...	280 15	260 18	...	...	...	...	...	...	...	...	...
Khanpur ...	100 9/	185 12	185 15	180 15	175 20	165 13	255 19	230 26	240 31	215 09	2/ ///	...	290 17	...	...	315 29	215 27	210 23	210 22	205 19	300 09	260 13	305 13	335 11	...	...
Lahore ...	310 02	285 07	265 08	285 12	315 05	330 06	...	265 12	...	180 09	200 09	255 09	275 10	255 10	340 05											
Multan ...	203 13	220 09	220 12	185 13	200 06	360 06	350 28	355 25	020 24	200 15	205 23	210 23	295 03	275 05	325 11	200 33	205 22	/95 21	185 21	181 5/	130 03	325 13	/81 09	052 7/	...	...
Nawab Shah ...	225 06	195 03	115 02	345 E8	010 17	005 11	355 10	035 22	050 15	200 12	195 06	250 03	345 08	360 10	355 11	300 04	411 01	360 03	360 05	315 06	280 10	285 12	..	...	...	...
Panjgur ...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	195 08	160 08	205 10	285 08	245 05	325 13	315 12	300 11	...	325 05	345 06	115 03	205 08	300 10	...	005 09	010 08	340 05	295 07	280 09	340 08	290 08	285 12	...	...
Quetta ...		No	Ascent							No	Ascent					No	Ascent									
Sargodha ...	195 11	195 10	200 11	250 09	310 13	335 14	005 13	015 16	015 22	...	225 01	235 03	120 04	120 03	040 04	255 05	260 57	/65 07	270 07	205 06	130 11	051 4/	045 14	...	...	...
Sylhet ...	115 02	/ /0 52	...	...	...	...	...	...	...	095 21	...	...	...	...	...	102 07	115 08	145 07	...	...	...	...	...	...	...	...
Veraval ...	...									...						...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	48.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
P.R. Sargodha ...	245 2	255 20	305 19	235 15	335 13	335 12	335 10	335 18	070 25	...	...	...	...	...	...	...	...	...
Karachi ...																		
Peshawar ...																		
Quetta ...																		

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

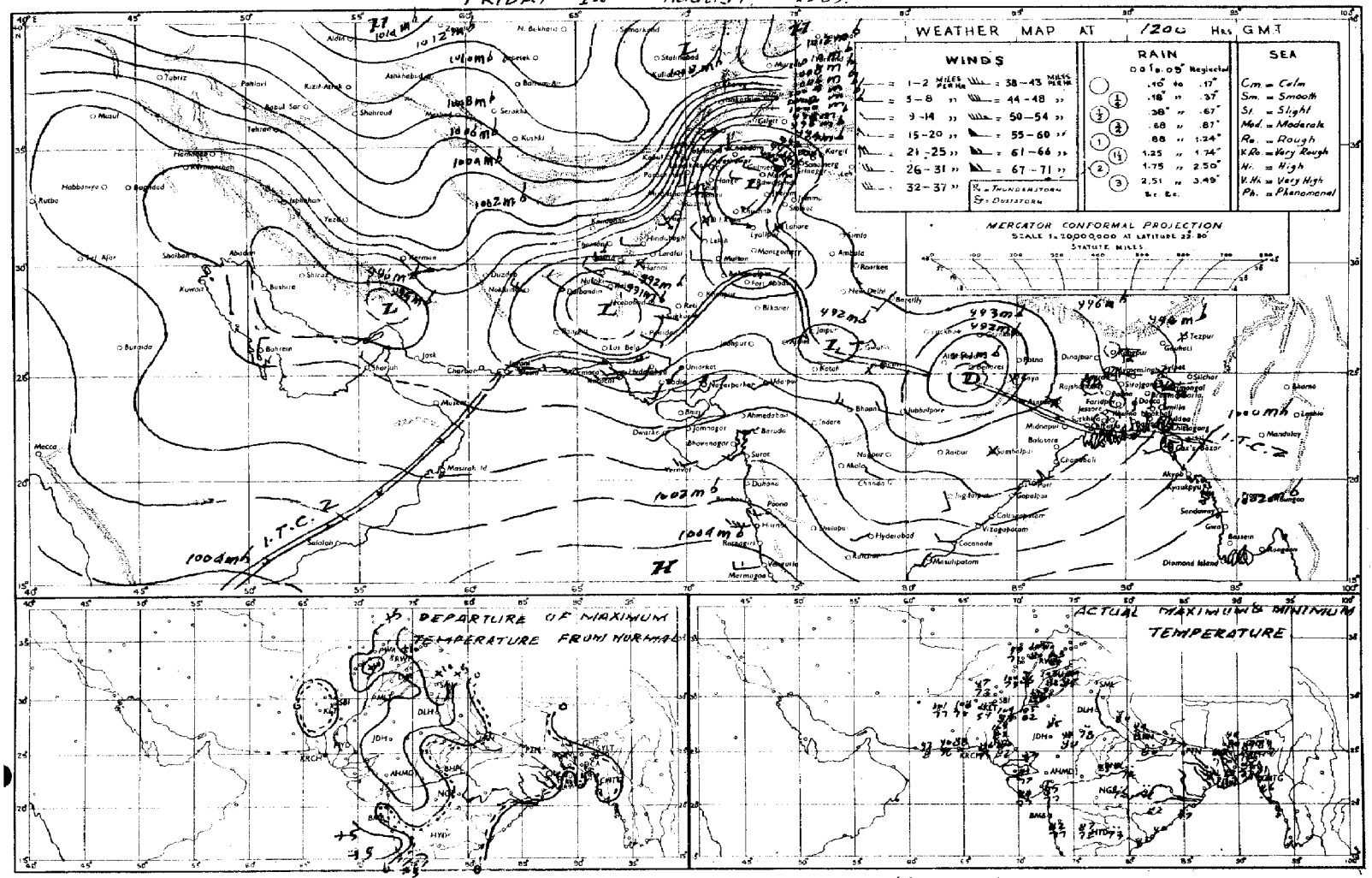
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

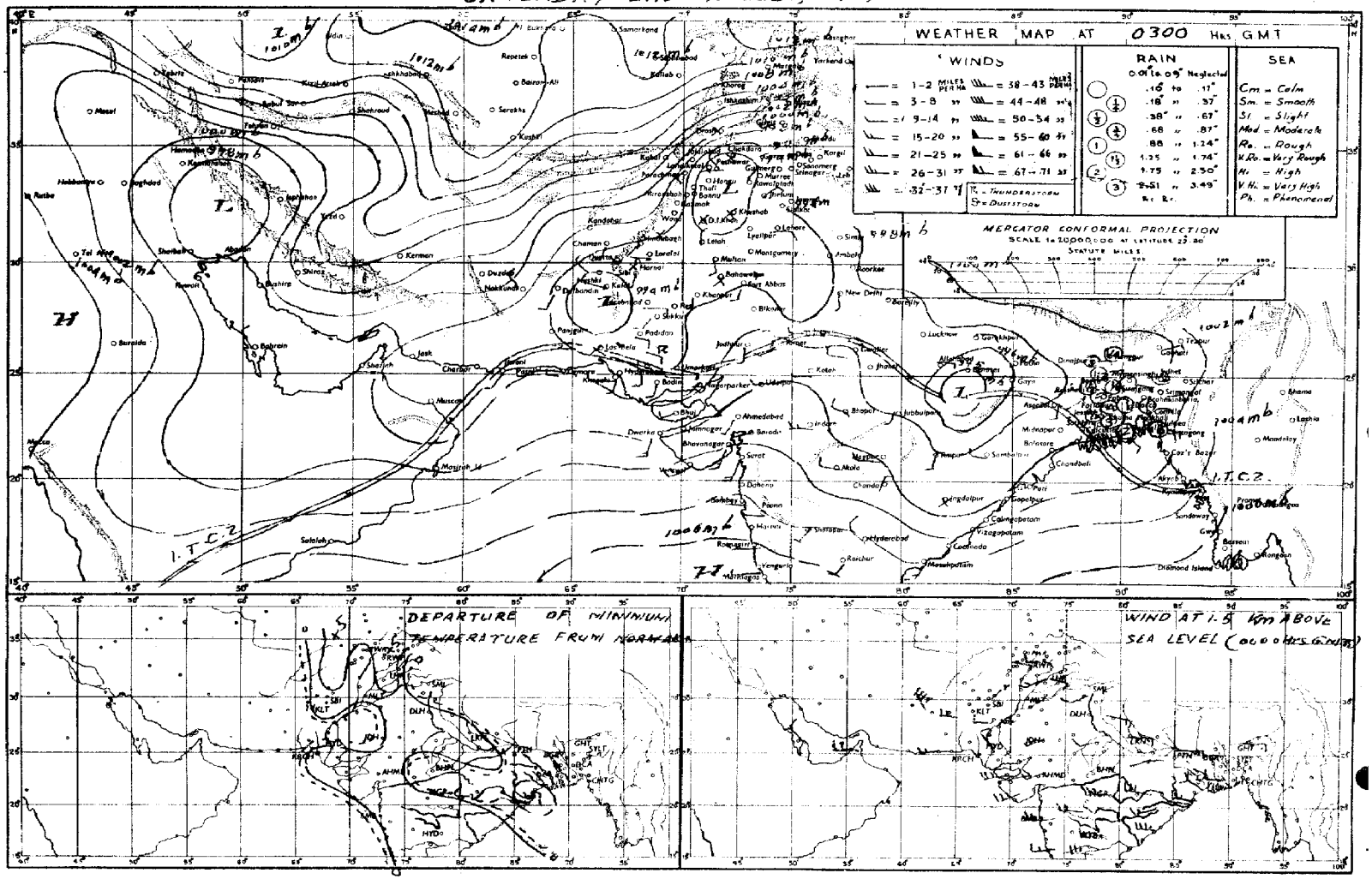
FRIDAY 1st AUGUST 1969.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 2ND AUGUST, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 3rd AUGUST 1969.

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

Yesterday's well marked low pressure over east Uttar Pradesh and neighbourhood remained pratically stationary. Monsoon continues to be active over East Pakistan. Rain/thundershowers have been fairly widespread in Dacca, Chittagong and Khulna divisions and local in Rajshahi division.

Seasonal trough of low pressure has shifted slightly southwards and extends from Khairpur division to Quetta division. Shallow incursion of monsoon casterlies is taking place in the extreme northern divisions of west Pakistan.

Weather remained mainly dry over west Pakistan.

Chief amounts of rainfall are : Dacca and Chittagong 1½" each, Cox's Bazar, Barisal, Khulna and Pabna 1" each, Rangamati, Brahmanbaria, Srimangal and Rajshahi ½" each and Comilla, Sylhet, Satkhira and Bogra ¼" each.

Day temperatures were 8—10 °F (4—6 °C) above normal in Rawalpindi division and 3—6 °F (2—3 °C) so in Lahore, Sargodha, Peshawar and D. I. Khan below normal in Chittagong, Khulna, Rajshahi divisions and western parts of Quetta divisions.

Forecast valid until the evening of 4th August 1969 :—Fairly widespread rain/thundershowers are likely to occur in East Pakistan, local in Rawalpindi division Kashmir and scattered in Lahore and D. I. Khan divisions.

Karachi-11
The 3rd August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	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	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 from †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths)	Dry Bulb temperature	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Maximum temperature	Minimum Temperature	Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ws	N	dd	ff	VV	ww	W	PPP	TT	h	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	014	9	7	18	05	96	01	6	009	80	6	3	5	3	/	77	82	044	9	4	18	09	97	03	6	040	84	8	4	6	3	0	75	75	—	—	50.2	—	56.6	—
	Cox's Bazar	560	9	8	18	07	96	10	6	///	77	4	5	2	0	/	77	78	095	1	8	13	10	96	50	6	029	77	5	7	4	2	0	72	75	— 7	— 1	36.4	—32.8	44.1	140
	Chittagong	714	/	7	13	05	96	21	6	007	77	6	7	3	2	0	76	80	133	9	4	13	09	96	01	6	033	81	3	4	3	1	0	77	75	— 6	— 1	20.7	—25.7	73.9	108
	Maijdee Court	009	0	8	18	04	96	03	2	994	82	2	4	5	0	7	76	85	003	0	9	18	09	96	03	2	024	82	3	2	5	0	0	77	79	— 1	— 1	75.5	+28.7	87.6	116
	Comilla	035	1	2	18	05	96	02	2	992	83	4	4	7	0	0	77	87	035	0	6	18	09	96	01	0	028	84	0	0	9	0	0	77	77	— 0	— 0	33.8	— 2.7	27.9	94
	Brahmanbaria	061	1	7	16	07	96	21	6	989	82	7	5	5	0	0	80	87	061	0	6	13	05	97	03	1	018	84	6	5	5	0	0	75	77	—	—	28.4	+ 0.9	38.1	78
	Sylhet	019	0	7	18	05	96	61	2	966	12	9	9	0	8	0	77	91	030	9	5	36	03	97	01	2	034	84	3	4	4	3	0	72	77	—	—	60.4	—	98.3	—
	Srimangal	037	9	8	09	00	95	95	9	930	77	6	9	3	3	1	77	87	060	9	7	18	05	96	02	3	039	82	3	9	7	5	7	75	77	— 4	+ 1	38.1	+ 5.1	53.3	98
Dacca	Mymensingh	000	0	4	13	02	97	02	2	972	86	4	4	4	0	0	77	87	000	0	0	00	02	97	02	2	028	94	5	4	5	0	0	72	79	— 1	+ 1	30.6	— 4.3	45.8	91
	Narsyangani	006	1	8	13	02	96	61	6	982	80	8	0	3	0	0	77	85	011	0	8	13	02	97	03	2	021	84	8	6	3	0	0	81	79	—	+ 1	24.7	— 1.2	48.2	74
	Dacca (Tezgaon)	110	8	8	18	05	97	02	2	973	82	4	8	4	4	1	77	85	151	9	7	10	05	97	02	6	019	82	6	8	5	2	0	79	77	—	—	24.0	—	35.1	—
	Faridpur	038	0	9	18	06	97	60	6	973	80	7	5	4	1	0	77	87	...	..	..	...	..	...	..	..	...	..	..	...	..	...	..	...	...	...	0					71
Khulna	Barisal	001	0	0	00	01	97	02	6	984	83	6	8	4	2	1	78	82	121	2	6	13	02	97	01	6	016	81	4	4	4	1	0	81	75	— 5	— 3	29.9	— 3.1	39.8	81
	Khulna	000	0	4	00	00	97	02	2	002	82	2	2	4	0	0	81	82	110	2	6	00	00	97	03	0	001	87	0	6	4	0	0	81	77	— 5	— 1	21.8	— 6.3	27.9	66
	Satkhira	000	0	6	18	01	97	01	0	996	83	2	3	9	0	0	81	87	026	0	6	18	06	97	01	6	998	87	2	3	9	0	1	72	//	—	—	16.8	— 1.0	22.1	65
	Jessore	005	0	6	21	05	97	02	2	970	85	4	6	3	3	7	0	77	000	0	6	13	01	97	02	6	005	82	5	6	2	7	0	29	77	—	—	24.1	— 1.5	29.5	65
Rajshahi	Pabna	110	9	7	23	03	96	01	6	968	80	7	7	6	0	0	78	82	110	9	4	09	09	99	03	1	007	84	3	4	8	6	0	75	77	—	—	23.1	—	36.8	59
	Sirajgan	016	6	4	18	02	97	02	2	974	83	4	4	6	0	0	77	85	016	9	8	18	06	97	03	2	018	82	8	0	7	1	0	77	79	— 2	0	22.5	— 2.8	29.1	64
	Rajshahi	042	9	8	13	02	94	61	4	972	78	8	7	4	0	0	73	82	060	0	6	13	03	95	03	1	028	84	6	4	5	2	1	77	77	— 7	— 2	26.2	+ 2.6	40.3	—
	Bogra	012	7	4	18	05	96	01	2	972	83	1	6	1	0	0	77	82	021	9	6	13	09	96	11	2	018	82	6	8	3	0	0	77	79	— 6	0	13.1	—14.1	29.1	69
	Dinajpur	000	0	6	09	02	96	02	6	961	85	4	5	6	2	1	76	85	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...	— 4					72
	Rangpur																																								84
Kashmir	Jammu																																								—
Lahore	Lahore (Intl Rd.)	000	0	6	27	02	96	03	0	916	00	3	0	9	2	7	73	02	000	0	5	13	05	96	02	1	979	84	3	5	6	4	1	79	81	//	+ 3	10.1	+ 5.7	14.7	19
	Sialkot																																								32
Rawalpindi	Jhelum																																								—
	Islamabad	000	0	3	27	03	97	03	0	903	00	1	3	7	0	3	76	04	000	9	7	13	05	97	03	2	985	86	1	5	6	0	5	77	80	+ 4	—	10.9	—	19.2	—
	Rawalpindi	000	0	1	00	00	98	00	0	886	04	1	2	/	0	0	73	03	000	0	8	11	03	98	02	1	978	82	6	0	9	4	8	60—	81	+ 10	+ 5	5.4	— 5.7	15.5	36
	Campbellpur																																								
Sargodha	Khushab	000	0	0	08	11	96	06	0	904	91	0	0	9	0	0	87	04	030	0	0	00	00	96	03	2	979	82	3	9	9	8	2	//	82	+ 3	— 0	0.7	— 4.9	4.1	15
	Sargodha	000	0	1	18	07	96	06	0	970	02	0	0	9	0	0	76	02	030	0	7	09	10	96	06	2	972	84	6	6	4	0	1	81	82	+ 5	+ 1	10.2	—	13.8	—
	Lyallpur	000	0	0	00	00	96	00	0	916	00	0	0	9	0	0	68	04	000	0	0	13	02	96	C0	0	960	87	0	0	9	0	0	80	82	+ 5	+ 1	2.6	— 1.8	5.6	12
Multan	Sahiwal																																								10
	Multan	000	0	4	18	07	96	02	1	911	C0	0	0	9	0	0	73	02	000	0	0	18	05	96	02	1	959	90	0	0	9	0	0	75	86	+ 3	+ 2	7.9	+ 5.1	10.4	7
	Lelah	000	0	0	31	02	93	00	0	920	04	0	0	9	0	0	78	04	000	0	0	36	02	98	00	0	950	91	0	0	9	0	0	//	69	—	—	0.0	—	1.8	8
Bahawalpur	Khanpur	000	0	2	23	02	97	01	0	904	02	0	0	9	0	1	70	04	000	0	0	23	02	97	02	0	957	86	0	0	9	0	0	73	82	+ 1	0	0.0	— 2.9	0.9	6
	Bahawalpur	000	0	0	00	00	96	C0	0	922	04	0	0	9	0	0	47	05	000	0	0	00	00	96	00	0	967	90	0	0	9	0	0	75	82	+ 4	— 1	0.6	— 2.3	0.9	8
	Fort Abbas																																							
Peshawar	Chakdra																		000	0	0	00	00	98	00	0	945	82	0	0	9	0	0	76	78			1.4	—	10.8	—
	Peshawar	000	0	0	36	03	96	06	0	880	04	0	0	9	0	0	67	05	030	0	5	36	09	96	06	2	952	87	0	0	9	0	2	79	84	+ 5	—	3.0	— 1.4	11.7	11
	Haripur	000	0	0	18	02	97	00	0	917	98	0	0	9	0	0	70	00	000	0	0	05	02	98	C0	0	954	91	0	0	9	0	0	72	80			0.7	—	10.9	—
D. I. Khan	Bannu	000	0	1	31	03	99	01	0	880	04	0	0	9	0	7	82	05	033	0	4	11	01	98	02	0	960	87	0	0	9	0	0	76	85	—	—	0.5	—	4.3	—
	D. I. Khan	000	0	0	00	00	98	00	0	898	98	0	0	9	0	0	80	05	030	0	0	00	05	98	C0	0	960	96	0	0	9	0	0	79	84	+ 4	+ 2	1.3	+ 1.8	3.7	9
Quetta	Sibi	000	0	0	18	03	97	02	0	903	10	0	0	9	0	0	62	//	020	0	0	18	03	97	02	0	955	97	0	0	9	0	0	68	90	—	—	0.2	—	0.3	5
	Nokkundi	000	0	0	31	03	95	05	0	934	98	0	0	9	0	0	60	03	000	0	0	08	00	97	02	0	973	83	0	0	9	0	0	68	73	—	—	0.0	—	0.2	2
Kalat	Turbat																		000	0	0	13	06	96	03	2	964	84	6	6	5	0	0	80	81			0.0	—	2.0	5
	Jiwani	000	0	0	23	07	96	05	0	947	90	0	0	9	0	0	79	93	000	0	5	13	06	96	06	2	964	84	6	6	5	0	0	80	81	+ 3	+ 1	0.0	— 0.7	0.0	6
	Pasni	000	0	0	25	02	97	C0	0	957	87	0	0	9	0	0	89	92	000	0	5	25	06	96	00	2	975	82	5	0	9	0	0	78	78			0.0	—	0.0	6
Karachi division	Ormara	000	0	6	27	18	94	07	7	940	86	6	0	9	0	0	83	88	000	0	0	00	00	96	04	4	983	83	4	6	6	0	0	49	//	—	—	0.0	— 0.7	0.6	6
	Lasbela	000	0	0	13	03	97	00	0	925	98	0	0	9	0	0	77	00	000	0	0	00	00	98	C0	0	976	83	0	0	9	0	0	77	76	—	—	0.7	—	0.7	8
	Karachi (Manora)	000	0	8	23	09	96	03	2	950	84	2	6	4	2	0	80	85	000	0	7	25	07	96	03	2	975	82	7	6	4	0	0	78	80	0	+ 1	1.0	— 3.1	1.1	—
	Karachi (Airport)	000	0	7	23	14	96	02	2	949	85	7	6	5	0	0	77	89	000	0	7	27	10	96	01	2	979	82	7	6	5	0	0	76	79	—	—	1.5	—	1.6	—
Hyderabad	Nagarparker	020	0	6	23	02	96	02	0	999	94	6	6	6	0	0	70	91	000	0	0	16	03	97	02	0	022	84	6	6	6	0	0	75	82	—	—	0.1	—	0.1	—
	Chhor	000	0	9	00	00	96	01	1	938	92	4	5	6	0	0	77	94	000	0	6	23	14	96	01	2	972	80	6	5	5	0	0	74	80	—	—	0.2	—	0.3	7
	Hyderabad	000	0	2	20	09	96	01	0	934	93	0	0	9	0	0	77	99	...	..	..	...	..	...	..	..	...	..	..	...	..	...	..	...	...	...	+ 2					9
	Badin	000	0	8	23	C6	96	03	0	971	90	0	0	9	0	8	76	91	000	0	8	02	03	96	03	0	984	82	0	0	9	0	0	76	80	+ 1	0	0.3	— 3.7	0.3	—
Khairpur	Padidan	000	0	2	23	05	96	03	0	910	05	0	0	9	0	1	74	06	000	0	0	09	07	97	02	0	945	84	0	0	9	0	0	73	73	—	—	0.8	—	0.8	—
	Nawabshah	000	0	4	13	14	96	06	0	921	02	4	0	9	4	0	82	06	000	0	0	13	05	96	96	0	951	85	0	0	9	0	0	76	81	—	—	1.0	—	1.1	—
	Sukkur	000	0	0	23	05	96	02	0	910	04	0	0	9	0	0	78	06	000	0	0	13	09	96	02	0	955	84	0	0	9	0	0	72	81	—	—	0.0	—	0.0	—
	Kashmore	000	0	4	18	12	98	03	0	916	03	0	0	9	0	0	78	04	000	0	0	08	02	98	02	0	948	84	0	0	9	0	0	76	83	—	—	0.0	—	0.0	4
	Jacobaba	000	0	1	05	09	98	05	0	905	03	0	0	9	0	0	78	03	000	0	1	16	09	96	05	0	956	86	0	0	9	0	0	79	83	—	—	0.5	— 0.9	0.8	20
unagadh	Veraval																																								26
	HILL STATIONS																																								
Kashmir	Srinagar **																																								71
	Gulmarg **																																								26
	Sonamarg **																																								3
	Dras **																																								6
	Leh **																																								—
	Skardu **																																								5
	Misgar **																																								59
	Allabad **																																								—
	Gilgit **																																								—
Rawalpindi	Murree **	000	0	2	29	03	98	01	1	385	80	2	1	4	0	0	67	83	030	0	8	09	03	95	03	1	433	69	8	5	2	/	/	62	//	//	+ 6	7.2	+ 0.4	25.8	18
	Droth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	99	02	0	414	86	0	0	9	0	0	54	79	—	+ 6	1.0	—	12.2	29
Peshawar	Cherat **	000	0	0	18	02	98	03	0	383	46	0	0	9	0	0	64	98	000	0	0	18	09	98	00	0	422	79	0	0	9	0	0	73	//	—	—	2.6	— 2.9	11.5	—
	Kalpul **	000	0	1	23	03	98	03	0	378	91	1	1	9	0	0	58	90	000	0	0	18	02	94	05	4	419	80	5	4	6	3	0	68	77	—	—	8.2	—	19.0	—
	Landikotal **	000	0	0	05	05	98	02	0	376	98	0	0	9	0	0	70	02	000	0	0	05	05	98	02	0	412	86	0	0	9	0	0	73	79	—	—	0.9	—	11.4	29
	Prachinar **	000	0	2	13	02	97	02	0	385	90	2	1	7	0	0	56	91	000	0	0	05	02	97	02	0	421	81	0	0	9	0	0	58	73	+ 6	+ 7	4.0	—	14.7	13
D.I. Khan	Miranshah **	000	0	0	05	08	99	00	0	379	02	0	0	9	0	0	67	00	000	0	0	05	05	99	00	0	389	87	0	0	9	0	0	72	82	—	—	0.5	— 2.2	2.0	11
	Wana **	000	0	0	00	00	99	00	0	391	96	0	0	9	0	0	91	00	000	0	0	00	00	00	99	0	454	82	0	0	9	0	0	72	96	—	—	0.3	—	3.2	—
Quetta	Fort Sandeman **	008	0	1	27	02	97	02	0	360	02	1	1	7	0	0	26	85	000	0	3	00	00	96	03	0	403	86	1	0	9	3	1	68	82	//	+ 8	1.4	— 1.6	5.7	9
	Hindubagh **	000	0	0	02	05	94	05	0	386	98	0	0	9	0	0	95	00	000	0	4	27	03	98	01	0	426	76	0	0	9	0	4	53	66	—	—	2.7	—	5.9	9
	Loralai **	000	0	0	13	02	98	00	0	390	97	0	0	9	0	0	95	00	000	0	0	27	03	98	01	0	358	80	0	1	8	0	4	45	55	—	—	0.6	—	0.6	—
	Barkhan **																																								14
	Harnai **	000	0	0	00	00	96	02	0	363	02	0	0	9	0	0	55	03	000	0	0	00	00	96	02	0	383	87	0	0	9	0	0	70	//	—	—	0.9	— 3.4	2.6	9
	Samungli (Quetta) **	000	0	0	21	08	95	05	0	350	93	0	0	9	0	0	61	98	...	..	..	...	..	...	..	..	...	..	..	...	..	...	..	...	...	...	—	—	2.1	— 2.0	4.8	8
	Chaman **	000	0	0	18	07	97	00	0	390	96	0	0	9	0	0	45	98	000	0	0	00	00	95	05	0	424	79	0	0	9	0	0	54	79	— 3	—	1.0	—	2.7	4
	Nushki **	000	0	0	31	03	95	05	0	475	97	0	0	9	0	0	70	98	000	0	0	00	00	95	05	0	484	82	0	0	9	0	0	52	81	— 7	—	1.0	— 0.1	0.5	7
	Dalbandin **	000	0	0	23	03	95	05	0	402	03	0	0	9	0	0	30	05	000	0	0	00	00	95	05	0	416	80	0	0	9	0	0	42	74	—	—	0.0	—	0.2	—
Kalat	Kalat **	000	0	0	31	02	96	02	0	375	84	0	0	9	0	0	42	90	000	0	0	31	03	97	02	0	417	72	0	0	9	0	0	43	68	—	—	0.9	0.0	2.2	—
	Khuzdar **	000	0	0	00	00	94	05	4	371	99	0	0	9	0	0	21	00	000	0	0	00	00	95	05	4	399	85	0	0	9	0	0	34	80	—	—	1.7	—	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

SUNDAY THE 3rd JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_sL_sL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_mC_H$	D_sV_sa PP	7RR t_gt_g	8$N_sCh_sh_s$	OT$_s$T$_s$T$_d$T$_d$	1T$_w$T$_w$T$_{mw}$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														
British Sailor	99 2 08	20 6 83	02 0 03	82 4 18	97 0 28	02 7 27					0/ / 26	12 7 67	30 4 02	25 8 04
British Sailor	99 2 08	10 6 83	02 0 63	82 4 22	97 0 22	01 6 28	22 2 31	72 3 06			0/ / 25	12 7 98	30 5 02	25 0 05
Chevronelided	99 2 51	10 5 79	02 0 69	22 8 13	98 0 30	99 8 35	00 7 08	...			0/ / 26	13 1 41	30 2 02	32 5 04
Kibinard	99 2 11	10 6 09	02 1 24	82 3 22	97 0 22	99 2 26	66 4 / /				0/ / 23	12 5 00	30 5 04	23 7 08
British Sailor	99 2 15	10 6 69	02 1 73	82 5 22	97 0 22	96 8 28	87 4 / /	72 2 64			0/ / 25	12 7 80	30 5 02	24 0 05
British Sailor	99 2 20	10 6 58	02 1 83	82 6 25	97 6 21	98 2 27	...	73 5 13			0/ / 24	12 8 04	30 5 02	24 0 05
								73 4 00						

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
		PoPoPo ToToTo DoDo	hhh TTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	999 250 16	...	420 166 18	065 084 26	579 039 / /	752 730 / /	965 285 / /	234 489 / /	426 629 / /	...	...	...	...
Dacca ...	00 00	000 271 10	...	360 178 38	064 900 28	580 029 57	754 125 58	968 275 60	029 485 / /	432 625 / /	675 575 / /	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	992 202 8	...	375 201 8	909 110 30	564 041 / /	737 141 / /	481 315 / /	229 411 / /	417 485 / /	680 545 / /	...	...	...
Multan ...														
Peshawar ...														
Quetta ...	00 00	MISDA												
Sargodha ...	00 00	983 280 40	...	500 254 85	154 094 01	586 051 / /	759 131 / /	973 251 / /	258 401 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT Ta DD								Max. Wind Speed	TROPOPAUSE	
										PmPmPm dmdm fmfmfm	PcTcPcTcTcTm	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 196 18	800 138 27	600 026 48	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 206 34	800 154 40	600 026 56	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...													
Quetta ...		MISDA											
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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.

UPPER WIND DATA

Height in Knts. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	180 19	155 15	155 17	145 14	155 18											120 22	125 15	125 25	130 23	140 27	...	...	...	...	...	...
Chaklala ...		200 06	265 04	260 04	275 06	350 09	335 08	...	...	...	130 12	120 14	090 11	...	...	...	125 07	125 07	120 10	110 11	...	...	...	...	...	...
Chhor ...	215 24	215 13	205 32	...	...	...	...	...	...	...	...	...	...	...	...	235 10	220 19									
Chittagong ...	175 14	180 21	200 13	253 31	...	...	...	...	...	...	...	...	...	...	...	150 17	050 17	155 17	165 17	170 15	180 12	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...	155 17	165 17	180 13	165 12	205 19	...	155 17	160 17	180 16	...	...	...	...	...	...	...	...
Dacca ...	195 06	160 06	160 06	145 05	140 07	...	...	...	...	...	...	...	...	...	...	135 09	135 10	155 13	160 13	...	...	...	...	...	...	...
Dalbandin ...	...	...	280 04	195 03	270 01	034 10	335 09	035 12	050 15	...	...	...	...	...	...	...	...	070 02	055 04	032 06	205 07	115 08	015 05	045 18	070 20	060 11
D. I. Khan ...	195 13	195 25	175 22	145 18	...	...	...	...	...	045 03	060 03	055 05	075 03	030 07	045 15	195 04	...	085 11	145 10	155 11	138 02	355 07	365 04	...	...	...
Drosh ...	...	...	...	230 10	225 13	200 07	355 01	340 17	331 09	...	...	...	...	050 05	015 03	355 05	115 07	100 10	...	215 05	200 02	050 05	360 04	300 11	295 14	235 07
Fort Sandeman ...	...	...	...	320 01	235 05	335 04	325 03	345 15	005 21	...	...	...	...	200 06	225 10	200 03	...	...	...	265 06	230 04	060 08	065 13	070 12	300 36	030 28
Jacobabad ...	180 10	180 06	210 04	280 03	085 01	035 01	...	...	...	...	...	...	...	275 09	275 04	320 03	...	...	...	330 04	350 09	040 08	065 13	070 12	300 36	030 28
Jessore ...	205 17	225 16	230 16	235 11	...	...	...	...	...	110 09	140 19	180 89	235 08	260 15	260 04	125 19	165 10	110 07	110 08	010 11	015 12	360 15	070 12	070 12	090 19	065 27
Jhelum ...	215 13	200 19	195 17	315 24	260 08	010 13	350 21	325 18	335 13	155 19	160 22	165 23	160 17	165 15	160 13	150 19	160 18	169 17	160 13	170 23	...	...	...	...	...	...
Jiwani ...	190 06	195 13	195 07	351 8	340 17	335 16	340 19	030 18	075 39	115 13	115 17	120 08	045 04	115 13	...	125 11	115 15	110 13	130 06	...	...	...	...	...	...	...
Karachi ...	240 18	250 20	265 12	...	...	...	160 12	160 12	175 20	160 12	160 12	175 20	...	...	...	110 04	045 11	050 14	...	...	...	...	...	...	...	...
Khanpur ...	215 08	200 10	215 13	205 14	185 08	205 13	250 27	260 30	...	110 02	625 10	175 03	189 10	...	...	260 14	260 11	270 11	...	...	...	...	...	...	...	...
Lahore ...	225 03	225 05	220 05	235 19	270 07	295 09	015 14	...	...	151 30	140 15	189 21	200 08	240 10	...	190 21	185 23	185 24	180 13	170 34	140 24	090 18	070 21	030 28	040 25	035 06
Multan ...	210 12	155 13	155 24	170 13	190 01	025 17	020 22	005 20	020 22	205 18	205 21	230 06	210 03	295 11	050 16	125 06	140 06	150 07	...	...	...	...	...	...	...	...
Nawab Shah	210 12	265 20	275 10	...	...	...	...	...	...	...	...	...	...	...	...	100 05	035 05	050 06	040 05	045 05	325 14	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	070 01	175 09	205 11	275 10	305 13	310 11	335 13	320 17	...	260 12	265 20	...	...	...	No	275 06	220 08	195 06	250 04	260 08	...	...	...	...	...
Quetta ...	...	No	Ascent	...	...	...	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Sargodha ...	180 10	175 15	185 15	245 09	305 07	335 15	340 11	345 19	355 17	085 04	085 10	160 06	245 14	210 04	180 10	085 13	085 15	105 09	160 03	175 03	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	165 01	...	...	...	...	...	060 05	090 01	175 04	...	...	...	...	...	...	...	...
Yarkal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	260 15	255 15	275 15	275 14	330 08	040 06	010 04	040 04	040 09	060 13	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

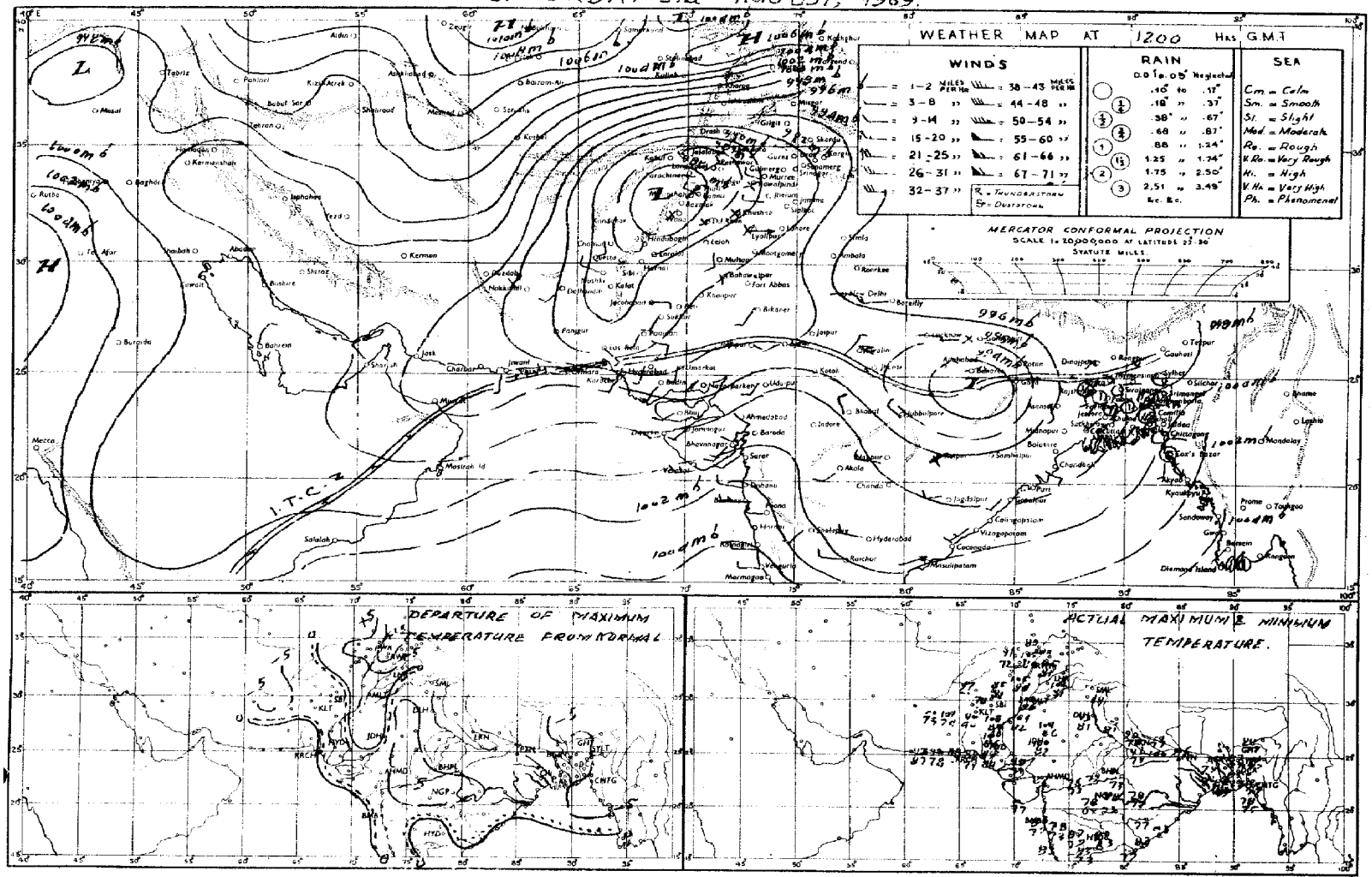
ff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

SATURDAY 2nd AUGUST, 1969.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 3rd AUGUST. 1969.

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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 4th AUGUST 1969.

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

Yesterday's well marked low pressure area has moved slightly westwards and now lies over south Uttar Pradesh and neighbourhood.

Monsoon is moderate over East Pakistan.

Local rain/thundershowers has occurred in Chittagong and Khulna divisions and scattered elsewhere over East Pakistan.

The seasonal trough of low pressure lies over central divisions of west Pakistan. Shallow incursion of monsoon easterlies continues in the northern divisions of the province scattered thundershowers have occurred in Rawalpindi division and a few thunderstorm/showers in Peshawar and Quetta divisions.

Chief amounts of rainfall are : Rangamati, 3/4", Cox's Bazar, Maijdee Court, Khulna, Sirajganj and Murree ¼" each and Chittagong, Mymensingh and Srimangal (upto 0000 Z) ½" each.

Day temperatures were 2—5 °F (1—3 °C) above normal in Rajshahi and Kalat divisions and to the same extent below normal in Dacca, Khulna, Lahore and Khairpur divisions.

Forecast valid until the evening of 5th August 1969 :—Local rain/thundershowers are expected to occur in East Pakistan and scattered in Peshawar, Rawalpindi, Lahore, Multan, Bahawalpur, Khairpur and Hyderabad divisions.

Karachi-11
The 4th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 °F	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G.M.T. of date: Rainfall in 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	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	N h	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	h	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 **	028	4	5	18	02	96	02	6	015	82	4	3	5	/	/	79	90	071	2	6	18	02	97	01	6	035	84	4	7	5	4	4	81	77			50.2	—	56.6	—
	Cox's Bazar	070	2	7	18	10	96	03	6	009	80	5	3	4	7	0	81	82	040	9	7	18	08	96	00	6	026	81	5	8	4	2	0	79	77	— 3	—	36.8	—33.2	44.5	140
	Chittagong	000	0	5	18	13	96	02	2	001	85	2	8	4	3	0	77	87	036	5	8	16	08	96	02	6	026	81	5	8	4	2	0	79	77	+ 1	+ 1	21.1	—26.9	74.3	108
	Maijdee Court	009	0	6	18	02	96	03	2	997	81	4	5	5	1	2	77	84	055	9	8	00	00	95	61	6	024	81	5	8	4	0	0	75	77	— 2	— 1	26.1	—28.9	74.3	108
	Comilla	000	0	4	18	05	96	02	1	997	84	4	4	7	0	0	77	90	000	0	4	18	05	96	00	2	///	84	0	0	0	0	0	77	77	+ 3	—	38.8	+ 3.3	77.9	94
	Srahmanbaria	000	0	3	13	03	97	01	1	992	87	3	5	5	0	0	77	90	000	0	6	13	07	97	03	1	012	84	6	5	5	0	0	77	79			33.8	+ 3.3	77.9	94
	Sylhet	000	0	7	00	00	97	03	2	989	87	5	4	4	2	1	77	91	004	1	7	00	00	96	60	6	017	81	5	4	3	2	1	79	79	— —	—	28.4	+ 0.4	38.1	78
	Srimangel **	025	9	5	09	09	96	02	9	956	87	3	8	5	7	2	77	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	60.5	—	98.4	—
Dacca	Mymensingh	000	0	6	00	00	97	02	2	989	84	6	5	4	0	0	79	/ /	032	9	5	00	00	97	02	2	001	85	5	5	5	0	0	79	79						98
	Narayanganj	000	0	8	13	02	96	02	3	986	84	8	5	3	/	/	79	84	011	0	8	13	02	97	03	5	002	84	8	5	3	0	0	79	79	— —	/	30.1	— 4.5	46.1	91
	Dacca (Tezgaon)	003	6	2	13	05	98	01	6	985	85	1	8	5	0	1	77	87	003	9	6	18	05	97	01	2	005	84	4	8	4	0	1	79	81	— 4	+ 2	24.9	— 2.1	48.3	74
	Faridpur	007	2	2	16	02	96	02	6	963	84	2	4	5	0	0	79	87	009	0	6	16	05	97	02	2	012	86	4	4	5	1	0	79	81	— 0	+ 2	24.1	— 5.7	35.2	—
Khulna	Barisal	006	4	6	18	05	97	21	1	982	78	5	8	4	7	0	79	86	000	0	7	00	00	98	02	2	002	87	6	4	4	0	8	79	77	— 1	+ 1	30.0	— 2.6	39.8	81
	Khulna	050	2	3	01	01	97	03	0	003	82	2	1	5	0	0	82	82	060	9	4	00	00	97	03	0	986	84	2	2	4	0	1	73	79	— 5	+ 1	22.4	— 6.1	28.5	68
	Satkhira	043	0	6	18	01	97	01	0	997	82	2	0	5	0	1	77	86	000	0	6	18	02	97	01	0	998	82	2	0	9	0	1	81	77	— 2	—	16.8	—10.3	22.1	65
	Jessora	008	4	6	18	07	97	02	6	981	82	3	4	4	3	1	80	87	008	0	7	20	06	97	02	2	002	84	5	4	4	0	5	79	79			24.2	— 0.8	32.6	65
Rajshahi	Pabna	011	6	1	10	02	99	01	1	976	84	1	0	9	3	0	79	87	011	0	4	23	02	99	03	1	001	86	9	8	6	0	0	79	81	— —	—	23.2	—	36.9	59
	Sirajganj	000	0	2	13	03	97	01	1	972	86	2	2	6	0	0	79	87	038	8	8	18	02	97	04	6	004	81	3	0	7	1	0	79	77	0	—	22.9	— 2.7	29.6	64
	Rajshahi	006	1	4	13	03	95	03	6	982	84	4	7	5	0	0	75	90	006	9	6	13	02	96	03	5	001	82	3	5	5	2	1	//	81	+ 1	+ 0	26.3	+ 2.3	40.3	—
	Bogra	000	0	3	09	02	96	01	1	983	86	1	3	5	0	0	75	90	000	2	7	13	03	96	03	5	006	84	4	4	4	7	1	79	81	+ 2	+ 2	13.1	—14.5	29.1	69
	Dinajpur	000	9	2	13	02	96	01	1	974	87	3	6	5	/	/	79	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2	—				72
	Rangpur	000	0	2	13	02	96	01	1	974	84	2	0	9	/	/	77	94	000	0	5	13	05	96	03	1	002	87	2	2	6	1	0	79	81	+ 5	+ 2	41.2	+ 5.8	59.9	84
Kashmir	Jammu	...																																							
Lahore	Lahore (Civil Rd.)	000	0	1	09	03	96	03	1	907	93	4	8	6	7	0	78	95	000	0	5	18	02	96	01	1	983	87	3	5	6	4	8	79	82	— 3	+ 4	10.1	+ 2.4	14.7	19
	Sialkot	...																																							32
Rawalpindi	Jhelum	030	9	7	13	05	97	02	2	975	90	5	4	6	3	1	78	98	000	9	0	00	03	97	01	1	987	87	0	0	9	0	0	77	82	—	—	10.9	—	19.2	—
	Islamabad	...																																							
	Rawalpindi	000	0	6	13	02	98	03	2	963	91	0	0	9	6	6	78	95	000	2	8	36	03	99	03	5	994	82	8	5	6	0	0	77	81	0	+ 5	5.4	— 6.0	15.5	36
	Campbellpur	...																																							
Sargodha	Khushab	000	0	8	09	03	96	03	2	965	96	6	2	8	4	0	73	96	000	0	0	09	//	96	00	0	987	86	0	0	9	0	0	82	82	— 5	—	0.7	— 5.0	4.1	15
	Sargodha	000	0	2	09	07	96	06	1	959	96	0	5	6	0	0	80	96	000	0	0	05	05	96	06	0	985	84	0	0	9	0	0	79	//	— —	—	10.2	—	13.8	—
	Lyallpur	000	0	0	00	00	96	00	0	953	98	0	0	9	0	0	68	05	000	0	0	00	00	96	00	0	981	90	0	0	9	0	0	77	84	+ 6	+ 3	2.6	— 2.0	5.4	12
Multan	Sahiwal	...																																							10
	Multan	000	0	7	13	03	96	05	1	951	00	2	0	9	3	0	70	03	000	0	2	13	02	97	01	1	979	90	0	0	9	0	0	73	86	— 0	+ 2	7.9	+ 5.9	10.9	7
	Lellah	000	0	0	36	02	95	00	0	930	02	0	0	9	0	0	76	03	000	0	0	18	02	93	00	0	985	91	0	0	9	0	0	77	84	— —	—	0.0	—	1.8	8
Bahawalpur	Khanpur	000	0	5	19	05	97	02	2	940	00	0	0	9	0	1	64	02	000	0	5	00	00	96	02	2	974	87	2	0	6	3	1	73	82	— 1	0	0.0	— 3.0	0.9	6
	Bahawalpur	000	0	0	00	00	96	00	0	968	00	0	0	9	0	0	67	05	000	0	0	00	00	96	00	0	985	91	0	0	9	0	0	75	82	+ 1	—	0.6	— 3.4	1.9	6
	Fort Abbas	000	0	0	23	02	98	00	0	951	09	0	0	9	0	0	93	09	000	0	0	00	00	98	00	0	932	96	0	0	9	0	0	81	79	+ 4	— 1	0.6	—	0.8	8
Peshawar	Chakdra	000	0	0	36	02	97	02	0	923	96	0	0	9	0	0	77	96	000	0	5	00	00	96	03	1	955	84	5	0	9	3	0	77	79	— —	—	1.4	—	10.8	—
	Peshawar	000	0	2	05	02	96	06	0	925	02	1	1	6	0	1	78	02	000	0	5	36	02	96	06	2	981	86	5	0	9	3	0	77	82	+ 2	+ 3	3.0	+ 1.0	11.7	11
	Haripur	000	0	0	23	02	97	00	0	913	00	0	0	9	0	0	70	02	000	4	6	05	05	99	03	2	///	82	6	0	9	3	7	77	81	— —	—	0.7	—	10.9	—
D. I. Khan	Bannu	000	0	7	13	06	98	06	2	938	98	0	0	9	0	7	73	00	000	0	6	23	02	98	02	2	978	87	0	0	9	3	7	81	86	— —	—	0.5	—	4.3	11
	D. I. Khan	...																	000	0	0	00	00	98	02	0	990	86	0	0	9	0	0	81	84	— —	+ 2	1.3	— 1.8	3.7	9
Quetta	Sibi	000	0	0	18	03	97	02	0	923	09	4	0	9	0	0	56	10	000	0	2	18	03	97	03	1	984	91	2	0	9	2	0	68	90	— —	—	0.2	—	0.2	5
	Nokkundi	000	0	4	31	05	96	03	0	919	05	4	0	9	4	0	57	07	000	0	2	31	00	96	03	0	979	83	2	0	9	3	0	36	77	— —	—	0.0	—	0.3	2
Kalat	Turbat	...																																							
	Jiwani	000	0	0	18	12	96	05	0	947	87	0	0	9	0	0	79	92	000	0	5	13	10	96	05	3	983	83	5	6	5	0	0	76	81	— —	—	0.0	—	2.0	5
	Pasni	000	0	0	11	08	97	02	0	964	89	0	0	9	0	0	79	91	000	0	4	07	08	97	02	0	997	81	5	4	0	0	0	78	78	+ 2	+ 1	0.0	— 0.8	0.0	6
Karachi division	Ormara	000	0	5	27	05	96	06	0	961	87	1	6	6	0	0	82	90	000	0	0	00	00	96	06	0	007	82	2	2	6	0	0	79	//	— —	—	0.0	— 0.7	0.6	6
	Lasbela	000	0	0	13	03	97	00	0	940	98	0	0	9	0	0	75	02	000	0	0	00	00	98	00	0	991	91	0	0	9	0	0	77	81	— —	—	0.0	—	0.0	8
	Karachi (Manora)	000	0	7	25	09	96	03	2	967	84	7	6	4	/	/	78	87	000	0	8	27	07	96	03	2	992	82	1	0	8	2	0	77	76	— —	—	0.7	—	0.7	8
	Karachi (Airport)	000	0	7	23	07	96	02	2	967	85	7	6	5	0	0	75	89	000	0	7	27	05	96	02	2	994	82	3	6	5	0	0	77	81	+ 2	+ 2	1.0	— 3.2	1.1	8
Hyderabad	Nagarparkar	000	0	6	18	02	97	02	0	999	94	6	6	6	0	0	70	97	000	0	6	20	32	97	02	0	022	85	6	6	6	2	0	75	82	— —	—	1.5	—	1.6	7
	Chhor	000	0	5	23	10	96	01	2	957	90	2	5	5	3	0	73	94	000	0	6	23	09	96	01	2	997	83	6	0	9	2	0	76	81	— —	—	0.1	—	0.1	—
	Hyderabad	000	0	7	20	07	97	03	2	950	93	4	0	9	3	0	75	98	000	2	8	23	03	97	02	2	986	//	8	0	9	3	0	76	81	— —	—	0.2	—	0.3	7
	Badin	000	0	4	23	08	96	03	0	981	91	0	0	9	0	0	75	92	000	0	8	23	03	96	03	0	024	82	0	0	9	3	0	78	80	+ 2	+ 1	0.2	— 3.5	0.3	9
Khairpur	Padidan	000	0	5	18	03	97	03	1	924	02	1	7	7	0	0	73	03	000	0	4	13	09	97	01	2	985	86	1	4	7	7	0	74	81	— —	—	0.2	— 3.7	0.3	—
	Nawabshah	000	0	6	00	00	96	06	2	948	91	7	0	9	4	0	76	03	003	0	8	13	03	96	06	2	987	82	1	0	9	2	0	75	81	— —	—	0.0	—	0.0	—
	Sukkur	000	4	6	05	03	96	03	2	936	02	6	0	9	6	0	79	07	000	0	9	7	23	05	96	03	2	982	83	7	0	9	2	0	76	81	— —	—	1.0	—	1.1	4
	Kashmore	000	0	0	05	02	98	03	0	928	00	0	0	9	0	1	76	02	000	0	9	7	18	02	98	02	0	973	84	0	0	9	0	0	76	84	— —	—	0.0	—	0.0	—
	Jacobaba *	000	0	5	13	05	96	05	1	938	00	0	0	9	0	1	76	01	000	0	5	18	07	96	03	1	986	87	5	0	9	5	0	78	85	— 4	+ 2	0.5	— 1.0	0.8	4
unagadh	Veraval	...																																							10
	HILL STATIONS																																							26
Kashmir	Srinagar **	...																																							—
	Gulmarg **	...																																							71
	Sonamarg **	...																																							26
	Dras **	...																																							3
	Leh **	...																																							6
	Skardu **	...																																							—
	Misgar **	...																																							—
	Ahmad **	...																																							5
	Gilgit **	...																																							59
Rawalpindi	Murree **	000	4	8	27	03	95	03	4	423	72	8	5	2	/	/	66	76	040	2	9	03	00	90	49	9	444	65	9	/	0	/	/	64	64	+ 4	+ 6	7.6	+ 0.4	26.2	18
Peshawar	Drosh **	000	0	1	23	12	98	06	0	362	00	1	1	7	0	0	51	04	000	0	3	00	00	95	05	4	419	//	3	1	7	0	0	66	81	— —	+ 8	1.0	—	12.2	29
	Chitral **	030	0	3	18	10	98	01	2	427	90	3	1	7	0	0	70	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4	—				
	Kakul **	000	0	4	23	07	95	05	2	421	87	4	2	7	0	0	73	87	004	2	7	27	02	97	03	6	432	77	7	3	4	0	0	73	73	— —	—	8.3	—	19.0	—
	Landikotal **	000	0	0	25	05	98	02	0	408	95	0	0	7	0	0	73	00	003	0	0	36	02	98	02	0	450	82	0	0	9	0	0	75	75	— —	—	0.9	—	11.4	29
	Prachinar **	000	0	5	16	07	97	03	1	414	86	4	3	6	0	1	62	90	000	0	3	13	02	97	01	1	436	77	3	4	6	3	0	75	73	+ 5	+ 7	4.0	—	14.7	13
D.I. Khan	Miranshah **	000	0	0	05	05	99	00	0	376	02	0	0	9	0	0	70	04	030	0	0	05	05	99	00	0	389	90	0	0	9	0	0	62	90	— —	—	0.5	— 2.3	2.0	11
	Wana **	...																	000	0	0	00	00	99	00	0	465	82	0	0	9	0	0	75	75	— —	—	0.3	—	3.7	11
Quetta	Fort Sandeman **	002	4	5	09	07	97	01	9	393	94	4	4	7	/	/	60	97	002	9	0	00	00	96	02	9	423	85	6	0	9	0	0	65	79	— 2	+ 5	1.4	— 1.6	5.7	—
	Hindubagh **	000	0	0	20	05	92	05	0	400	94	0	0	9	0	0	57	90	000	0	0	00	00	97	02	0	422	78	0	0	9	0	0	52	67	— —	—	2.7	—	5.9	9
	Loralai **	000	0	0	27	02	98	00	0	395	95	0	0	9	0	0	55	00	000	0	0	27	02	98	01	0	433	79	0	0	9	0	0	46	56	— —	—	0.6	—	0.6	—
	Barkhan **	...																																							
	Harnai **	000	0	0	00	00	96	02	0	383	02	0	0	9	0	0	70	03	000	0	0	00	00	96	02	0	383	87	0	0	9	0	0	70	//	— —	—	0.9	— 3.5	2.6	9
	Samungli (Quetta) **	000	0	2	03	00	96	05	0	391	97	4	2	7	0	0	66	01	000	0	4	00	00	95	05	0	433	79	0	0	9	0	0	68	71	— —	—	0.5	—	3.1	8
	Chaman **	000	0	0	27	02	96	00	0	411	98	0	0	9	0	0	57	01	000	0	0	09	03	97	00	0	413	83	0	0	9	0	0	53	78	— 1	— 2	2.1	— 2.0	4.8	—
	Nushki **	000	0	0	31	03	95	05	0	478	00	0	0	9	0	0	72	01	000	0	0	00	00	96	05	0	478	87	0	0	9	0	0	59	82	— —	—	1.0	—	2.7	4
	Dalbandin **	000	0	0	00	00	95	05	0	404	04	0	0	9	0	0	46	07	000	0	2	00	00	95	05	0	429	83	0	0	9	2	0	46	75	— 1	—	0.0	— 0.1	0.5	7
Kalat	Kalat **	000	0	3	36	02	96	03	0	380	92	0	2	5	9	0	48	95	000	0	0	29	02	97	02	0	422	74	0	0	9	0	2	59	64	+ 5	+ 3	0.9	0.0	2.2	—
	Khuzdar **	000	0	2	13	05	96	05	0	386	97	2	5	6	0	0	53	01	000	0	6	31	03	//	05	0	422	82	2	0	9	2	4	61	82	— —	—	1.7	—	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

MONDAY THE 4th JULY, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_N$	D_aV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_aT_aT_aT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_wd_wd_wP_wH_wH_w$	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
British Sailor	99 2 28	10 6 44	03 0 03	52 6 25	97 0 22	95 7 26	55 4 / /	...	73 6 09		0/ / 15	12 6 04	30 6 04	24 0 06
Barendrecht	99 1 95	10 6 48	03 0 63	62 4 21	97 0 22	01 4 27	64 7 00	...	...		0/ / 24	12 7 02	30 4 03	25 / 10
Chveontheaghue	99 2 29	10 6 08	03 0 63	12 1 09	98 0 20	97 9 25	10 3 70	...	...		0/ / 23	12 4 31	30 3 02	18 7 05
Dosina	99 1 76	10 5 70	03 1 23	72 0 28	96 0 21	01 3 24	60 8 07	...	...		0/ / 21	12 0 32	30 7 06	...
Barendrecht	99 2 02	10 6 97	03 1 23	72 3 26	97 0 22	97 9 26	47 3 30	...	...		0/ / 24	12 7 28	30 4 03	49 2 10
Wildo	99 2 11	10 6 34	03 1 83	82 4 30	97 1 02	00 8 26	88 4 / /	13 1 08	...		05 3 23	...	30 4 03	23 7 06

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	999 260 10	...	430 188 30	891 110 50	583 025 56	757 115 60	973 257 60	254 467 / /	439 613 / /	685 739 / /	...	...	...
Dacca	00 00	998 274 20	...	400 194 23	874 124 43	584 000 57	759 107 63	975 243 69	257 465 / /	442 623 / /		...	...	...
Gilgit														
Jiwani														
Karachi	00 00	995 290 12	...	400 220 56	038 074 / /	570 151 / /	736 231 / /	948 301 / /	225 405 / /	...	...	...	...	...
Multan	00 00	984 308 57	...	400 270 60	106 156 58	585 051 40	763 071 / /	980 201 / /	264 471 / /	...	...	...	...	...
Peshawar	00 00	958 294 50	...	350 242 43	055 166 42	593 010 62	370 071 / /	989 177 / /	281 387 / /	...	...	...	...	...
Quetta														
Sargodha	00 00	987 260 40	...	500 244 59	165 104 56	586 095 / /	750 195 / /	958 311 / /	238 425 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD									Max. Wind Speed	TROPOPAUSE	
											PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	900 200 30	800 164 30	600 040 49	540 000 50	350 179 61	...	...	...	...	183 080 81	...	...
Dacca	00 00	900 224 20	800 160 13	600 064 57	350 169 69	...	...	...	...	...	...	...	...
Gilgit													
Jiwani													
Karachi	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta													
Sargodha	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds 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 odc values indicate negative temperatures.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T† of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	...	...	...	...	...	...	...	...	...	160 04	145 04	135 06	135 04	150 05	145 11	145 06	140 05	140 04	...	...	...	...	...	...	...	...
Chaklala	...	140 17	155 18	145 11	325 05	...	...	...	...	...	080 06	075 04	110 04	120 07	...	...	120 03	105 03	100 05	125 04	145 02	...	...	...	...	...
Chhor	215 16	215 19	215 19	225 19	...	...	...	...	...	210 23	210 23	...	...	...	...	200 07	205 09	/// / /	135 09	...	...	...	...	...	...	...
Chittagong	...	...	...	...	...	...	...	...	...	No	...	Ascent	...	...	...	175 15	195 12	...	...	...	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	175 15	170 13	160 10	175 13	180 12	...	...	...	...	...	...
Dacca	...	...	...	...	...	...	...	...	...	...	...	045 04	090 07	090 03	240 08	...	...	095 05	090 07	090 07	085 02	245 12	055 13	050 11	060 24	060 23
Dalbandin	...	...	040 05	060 04	130 03	165 03	170 07	215 13	250 12	035 03	120 10	170 10	195 10	/// //	280 07	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	...	...	...	...	...	210 15	210 15	315 07	200 08	315 14	...	...	...	...	...	...	...	...	245 05	215 03	175 03	045 07	350 03	185 04	355 05	...
Drosh	...	...	...	...	120 07	075 04	350 03	070 03	...	...	...	...	080 03	240 05	225 06	...	...	...	220 03	245 04	220 04	100 03	120 03	210 06	245 09	315 07
Fort Sandeman	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	190 06	220 13	185 13	185 12	110 12	080 18	045 23	035 26	035 29	065 45	065 48
Jacobabad	130 06	125 06	115 06	095 02	045 11	225 15	360 28	350 30	335 34	175 15	185 11	195 06	260 05	350 05	260 53	210 04	220 06	220 08	245 12	...	...	...	...	...	...	...
Jessore	...	...	...	...	...	...	...	...	...	245 07	255 12	260 11	285 09	320 07	...	170 01	180 01	225 01	320 08	340 07	350 06	090 08	110 09	185 09	220 16	180 10
Jhelum	120 13	120 23	125 19	...	...	...	...	...	...	070 03	115 04	180 05	260 08	...	...	120 08	105 10	...	...	...	...	...	...	...	...	...
Jiwani	165 11	115 09	075 09	020 12	360 17	335 33	005 18	050 17	055 19	115 15	100 18	...	...	...	...	255 11	255 11	345 05	035 13	025 09	025 14	...	...	...	...	...
Karachi	225 14	235 10	...	...	...	...	...	...	...	...	...	...	...	...	...	255 11	255 11	345 05	035 13	025 09	025 14	...	...	...	...	...
Khanpur	145 12	140 09	140 12	140 17	110 20	265 17	...	...	...	110 08	210 05	215 10	230 15	255 19	260 13	245 15	230 13	235 10	230 10	210 17	155 12	120 21	095 13	050 17	060 25	...
Lahore	105 13	115 14	120 13	145 10	250 07	285 08	...	...	...	125 07	170 08	195 06	255 07	320 04	...	305 05	275 13	290 14	295 08	250 11	195 08	355 21	335 18	325 17	345 15	065 03
Multan	150 08	175 07	175 07	165 12	140 04	055 12	045 17	...	...	165 13	190 08	145 06	090 07	190 10	065 15	230 07	165 10	140 10	135 08	135 06	060 08	030 21	085 12	180 04	175 05	095 21
Nawab Shah	180 07	180 05	175 05	145 03	130 03	...	...	...	...	210 10	220 04	250 03	305 04	010 04	045 01	125 08	110 07	090 07	045 12	055 14	050 15	...	...	...	...	...
Panjgar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	330 07	145 07	170 08	245 12	250 11	...	...	...	...	345 17	200 13	220 09	245 07	290 06	...	020 06	050 01	260 01	260 06	310 07	...	...	...	...	...
Quetta	No	...	Ascent	...	...	...	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Sargodha	225 16	220 31	220 30	275 13	315 02	095 09	...	...	...	105 09	210 05	240 07	255 07	360 04	020 03	070 03	325 02	295 02	270 07	015 05	320 06	325 10	...	...	...	...
Sylhet	...	...	...	...	...	...	...	...	...	180 10	180 21	190 30	...	...	...	155 01	160 09	155 09	100 13	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
F.R. Sargodha																		
Karachi	235 12	260 12	260 11	330 10	305 17	025 29	020 27	040 26	040 28	060 18	065 29	050 29	080 38	...	...	...	...	...
Peshawar																		
Quetta																		

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

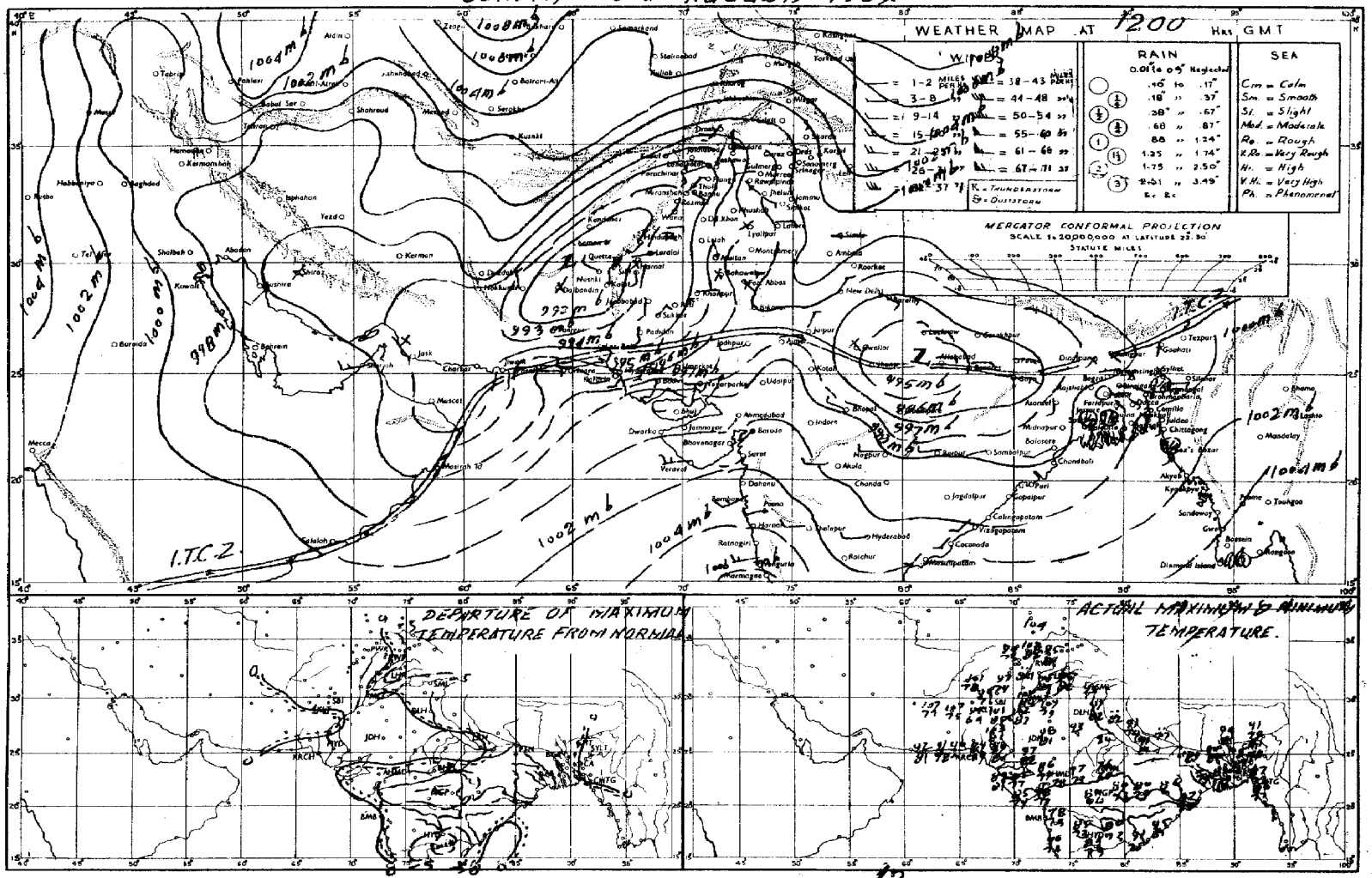
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

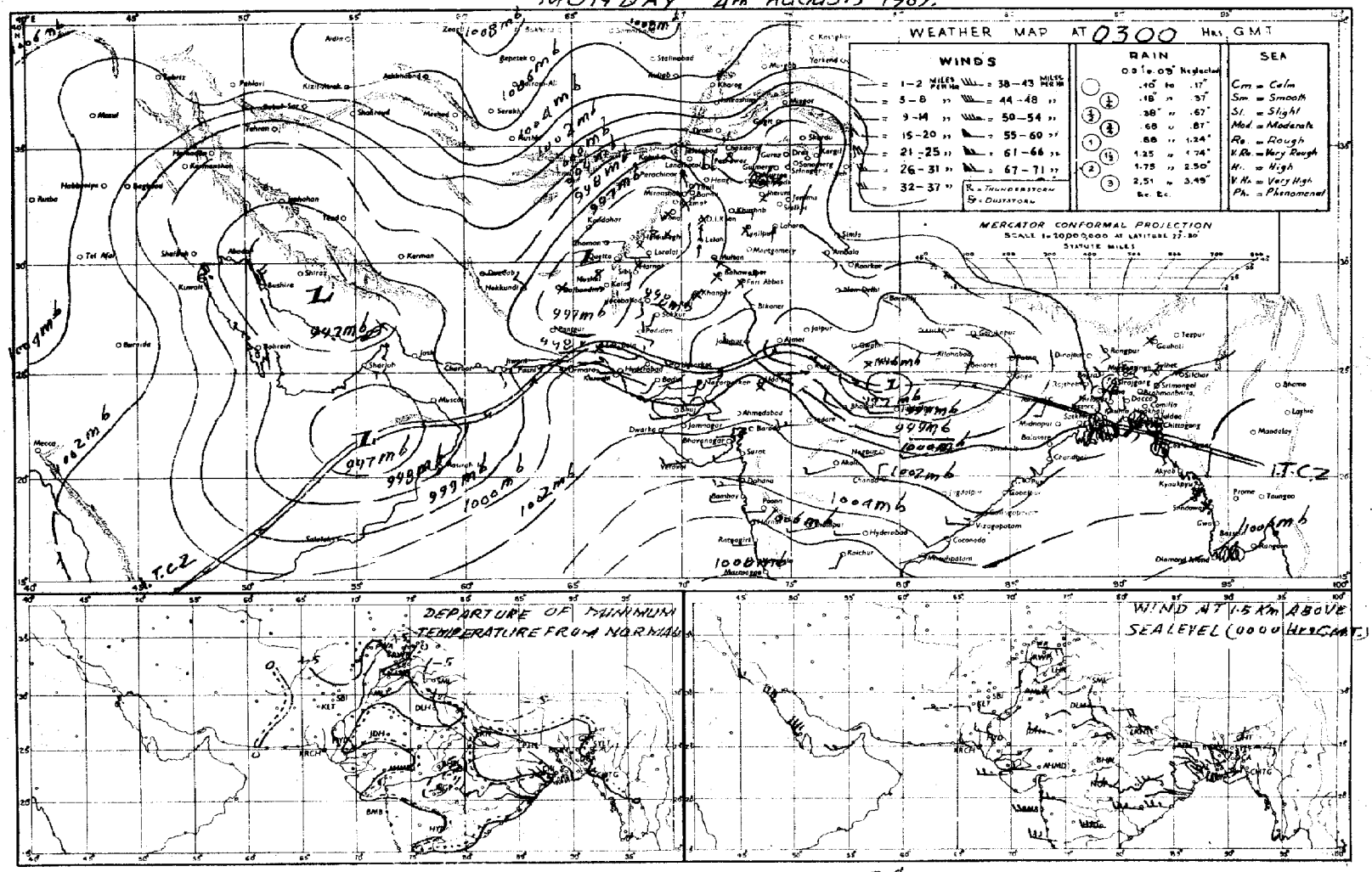
SUNDAY 3rd AUGUST, 1969.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 4th AUGUST, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

TUESDAY THE 5th AUGUST 1969.

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

Yesterday's well marked low pressure area has weakened and now lies as a low pressure area over west Uttar Pradesh. Monsoon is moderate over East Pakistan. Fairly widespread rain/thundershowers have occurred in Chittagong division and local in Dacca, Khulna and Rajshahi divisions. The seasonal trough of low pressure has shifted northwards and lies over northern and central divisions of west Pakistan. Scattered showers have occurred in Rawalpindi division. Weather remained mainly dry elsewhere over west Pakistan.

Chief amounts of rainfall are : Sylhet 1½", Cox's Bazar 1", Mymensingh and Barisal 3/4" each, Chittagong, Dacca, Khulna, Pabna and Bogra ½" each and Rangamati and Sirajganj ¼" each.

Day temperatures were 3—6 °F (2—3 °C) above normal in Rawalpindi, Sargodha, Multan, Bahawalpur, Peshawar and Quetta divisions and nearly below elsewhere over the country.

Forecast valid until the evening of 6th August 1969 :—Local rain/thundershowers are likely to occur in East Pakistan and scattered thunderstorm/showers in Quetta, D. I. Khan, Peshawar, Rawalpindi divisions and Kashmir. Weather is likely to remain dry elsewhere over West Pakistan.

Earthquake Report :—The Seismograph of Geophysical centre Quetta recorded an earth quake of severe intensity on 5th August 1969 at 0700 hrs. 23 minutes to 151. The epicentre lies about 4000 miles southeast of Quetta near Phillipine Island.

Karachi-11
The 5th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 Clud †	Low Clod from †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud from †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at †	Total clud amount	Wind direction in tens of degrees	Wind speed in konts	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths) *	Dry Bulb temperature	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	h	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	020	5	9	18	05	96	60	6	010	80	9	/	4	/	/	78	87	019	1	5	18	05	97	01	6	028	82	3	7	5	7	1	77	78	—	—	51.2	—	57.6	—
	Cox's Bazar	066	9	8	18	07	55	50	6	005	79	5	4	4	2	0	77	80	103	3	6	08	00	96	91	2	996	81	6	0	8	7	1	79	70	— 5	0	37.9	—50.0	45.6	140
	Chittagong	027	4	7	18	03	//	//	/	003	80	4	4	4	3	0	77	85	047	9	7	13	12	96	02	6	023	81	6	8	4	2	/	77	76	— 1	0	21.5	—26.1	74.7	108
	Maijdee Court	000	9	7	18	02	96	03	2	983	85	5	2	5	1	0	77	86	017	9	8	00	00	96	03	/	016	82	4	2	5	1	0	77	//	0	— 1	76.2	—27.8	88.4	115
	Comilla	000	0	4	18	05	96	02	1	987	82	4	4	7	0	0	77	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					94
	Brahmanbaria	028	0	6	13	02	97	21	1	983	80	6	5	5	0	0	77	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					78
	Sylhet	000	0	8	00	00	97	03	2	985	86	5	3	5	4	/	78	90	144	3	8	09	05	95	52	6	013	82	5	4	4	2	/	79	77	—	—	63.0	—	99.8	—
	Srimangal	012	3	6	00	00	96	02	6	996	80	3	5	5	7	2	78	91	012	9	5	00	00	96	02	1	017	82	3	5	5	2	1	59	78	0	+ 2	39.4	+ 5.5	60.8	98
Dacca	Mymensingh	000	0	4	00	00	97	0	1	983	85	4	5	5	0	0	78	90	088	4	6	00	00	97	02	1	009	84	6	5	5	0	0	77	79	+ 2	+ 1	32.0	— 4.1	47.0	91
	Narayanganj	000	0	8	23	03	96	02	2	980	87	5	5	6	3	1	78	87	000	0	7	13	02	97	03	5	001	84	6	6	6	3	/	79	81	— 1	+ 2	24.8	— 2.5	48.3	74
	Dacca (Tezgaon)	045	6	7	00	00	97	03	6	981	85	2	2	5	3	6	78	87	045	0	7	18	02	97	02	2	001	84	7	3	4	0	0	79	79	—	—	24.5	—	35.6	—
	Faridpur	000	0	7	11	02	97	02	2	983	87	4	4	5	7	0	80	87	000	0	8	00	00	97	02	2	996	84	6	4	5	1	0	81	81	0	+ 2	21.7	— 6.1	38.9	71
Khulna	Barisal	001	0	7	23	0	97	02	2	986	85	5	8	4	1	0	85	87	088	9	8	00	00	96	61	6	003	79	5	7	4	2	1	79	73	0	+ 1	30.7	— 3.2	40.7	81
	Khulna	000	0	4	13	05	97	03	0	950	87	2	2	4	0	8	82	90	050	6	4	00	00	97	03	0	001	82	0	4	4	0	0	//	73	+ 3	+ 1	23.0	— 6.0	29.0	68
	Satkhira	000	0	6	18	03	97	01	0	958	82	2	0	9	0	1	80	90	000	0	6	18	01	97	00	1	998	82	2	3	9	0	/	78	73	— 2	+ 1	16.8	—10.8	22.1	65
	Jessore	005	6	7	18	05	97	02	6	972	87	4	4	4	3	0	78	90	005	9	6	18	05	97	02	2	998	84	2	4	4	7	8	79	80	—	—	24.2	— 2.1	32.6	65
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	049	9	4	05	02	98	03	6	996	84	6	4	5	1	0	81	81	—	—	23.7	—	37.4	59
	Sirajganj	000	0	6	18	02	97	02	2	973	86	6	0	7	6	0	78	87	026	9	/	//	//	98	01	1	998	84	6	0	7	4	0	81	79	0	0	23.1	— 2.7	29.5	64
	Rajshahi	000	0	5	00	00	96	03	1	971	66	3	5	5	2	/	//	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					—
	Bogra	000	0	7	09	02	96	02	2	974	87	4	4	9	0	0	79	98	065	0	8	09	02	96	02	6	002	81	6	5	4	3	/	79	78	+ 10	— 1	13.7	—14.2	29.7	69
	Dinajpur																																								72
	Rangpur	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	000	0	7	11	02	96	03	2	008	86	7	5	5	0	0	79	81		+ 2	41.2	+ 5.5	59.9	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	1	25	02	95	02	1	938	98	1	1	6	0		76	00	000	0	5	05	02	95	05	1	950	90	2	5	6	7	8	81	86	+ 2	+ 8	10.1	+ 2.2	14.7	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	20	10	98	00	0	912	79	0	0	9	0	0	40	//		/	6.2	— 5.8	10.8	32
Rawalpindi	Jhelum	000	0	2	23	03	96	03	0	926	00	2	3	6	0	0	82	00	000	9	6	13	03	97	03	2	954	90	5	0	9	7	1	79	87	—	—	10.8	—	19.2	—
	Islamabad																																								—
	Rawalpindi	000	0	3	18	62	98	03	1	923	98	3	2	8	0	0	73	00	000	0	0	00	00	97	02	2	988	90	5	0	9	6	0	79	82	+ 5	+ 6	5.4	— 6.3	15.5	36
	Campbellpur																																								—
Sargodha	Khushab	000	0	0	18	//	97	06	0	944	02	0	0	9	0	0	76	02	000	0	0	00	00	96	00	0	933	87	0	0	9	0	0	82	87	+ 1	+ 5	0.7	— 5.1	4.1	15
	Sargodha	000	0	0	//	03	96	06	0	933	02	0	0	9	0	0	76	04	000	0	0	09	02	95	06	0	950	87	0	0	9	0	0	81	81	—	—	10.2	—	13.8	—
	Lyallpur	000	0	0	00	00	96	00	0	944	00	0	0	9	0	8	70	04	000	0	0	00	08	96	00	0	948	90	0	0	9	0	0	77	87	+ 5	+ 6	2.6	— 2.1	5.4	12
Multan	Sahiwal																																								10
	Multan	000	0	0	18	03	97	02	0	932	04	0	0	9	0	0	72	05	000	0	0	18	09	96	02	0	942	//	0	0	9	0	0	79	//	+ 5	/	7.8	+ 5.0	10.9	7
	Leiah	000	0	0	36	02	95	00	0	910	02	0	0	9	0	0	80	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	932	04	0	0	9	0	0	72	05	208	0	3	23	03	96	02	0	954	90	5	0	9	7	1	79	87	+ 2	+ 5	0.0	— 3.1	1.0	6
	Bahawalpur	000	0	0	00	00	96	00	0	932	05	0	0	9	0	0	78	07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6					6
	Fort Abbas	///	/	0	00	00	98	00	0	913	14	0	0	9	0	0	93	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdra	000	0	2	36	02	97	03	0	901	96	2	1	7	0	0	78	98	000	0	7	00	03	96	03	0	930	82	7	0	9	3	0	77	81		—	1.4	—	10.8	—
	Peshawar	000	0	1	31	03	96	C6	0	913	98	1	1	6	0	0	82	03	000	0	3	31	03	96	06	0	942	87	7	0	9	3	0	79	84	— 0	+ 5	3.0	+ 1.0	11.6	11
	Haripur	000	0	0	13	03	97	00	0	941	96	0	0	9	0	0	73	96	000	3	6	05	03	97	03	2	956	91	6	0	9	3	0	77	82	—	—	0.7	—	10.8	—
D. I. Khan	Bannu	000	0	7	18	03	98	03	2	923	00	1	1	8	0	7	70	02	000	0	5	05	01	98	06	2	939	90	0	0	9	0	7	79	86	—	—	0.5	—	4.3	11
	D. I. Khan	000	0	0	00	00	98	00	0	///	C0	0	0	9	0	0	77	02	000	0	0	00	00	98	00	0	974	87	0	0	9	0	0	79	//	+ 1	/	1.3	— 2.0	3.7	9
Quetta	Sibi	000	0	6	18	03	97	03	1	933	09	4	9	4	2	/	56	10	000	0	0	18	03	97	02	0	960	91	0	0	9	0	0	56	90	—	—	0.2	—	0.2	5
	Nokkundi	000	0	5	36	03	96	02	2	911	08	5	5	6	0	0	48	09	000	0	0	31	16	96	02	0	955	88	0	0	9	0	0	33	78	—	—	0.0		0.3	2
Kalat	Turbat																																								—
	Jiwani	000	0	4	03	12	96	01	1	971	87	2	0	9	5	3	75	88	000	0	0	13	12	96	01	2	982	82	0	0	9	0	0	75	80	—	—	0.0	—	2.0	5
	Pasni	000	0	4	11	14	97	02	0	986	86	4	0	9	0	0	79	88	000	0	7	07	02	97	02	0	994	80	4	3	9	0	0	79	78	— 1	+ 1	0.0	— 0.7	0.0	6
Karachi division	Ormara	000	0	7	27	03	96	02	2	988	86	2	6	6	3	0	81	88	000	0	6	03	00	96	02	2	998	82	6	6	6	0	0	73	17	—	—	0.0	— 0.7	0.6	6
	Lasbela	000	0	0	13	03	97	00	0	964	95	0	0	8	0	0	77	//	000	0	0	00	00	98	00	0	989	82	0	0	8	0	0	76	74	—	—	0.7	—	0.7	8
	Karachi (Manora)	000	0	6	27	05	97	03	2	986	85	6	6	4	0	0	76	87	000	0	4	20	01	96	03	2	989	81	4	6	4	0	0	77	80	+ 2	+ 1	1.0	— 3.2	1.1	8
	Karachi (Ariport)	000	0	7	23	10	96	01	2	982	85	5	6	5	3	0	75	87	000	0	6	25	03	96	01	2	989	82	6	6	5	0	0	76	79	—	—	1.5	—	1.6	—
Hyderabad	Nagarparker	000	0	6	20	32	96	02	0	999	94	6	6	6	0	0	70	97	000	0	6	18	02	97	02	0	050	83	6	6	6	0	0	76	80	—	—	0.0	—	0.0	—
	Chhor	000	0	5	23	10	96	02	2	967	93	4	5	6	5	0	73	//	000	0	0	23	10	96	//	0	989	83	0	0	9	0	0	74	79	/	—	0.2	—	0.3	7
	Hyderabad	000	0	3	23	07	97	01	1	965	94	1	0	9	3	1	74	98	000	0	0	23	05	97	02	0	986	83	0	0	9	0	0	74	80	+ 1	0	0.2	— 3.5	0.3	9
	Badin	000	0	6	23	03	96	03	0	001	89	0	0	9	0	6	76	90	000	0	0	23	03	96	02	0	002	82	0	0	9	0	8	76	80	— 2	0	0.3	— 3.7	0.3	—
Khairpur	Padidan	000	0	6	18	07	97	03	1	953	99	2	4	7	7	0	71	00	000	0	0	18	05	96	02	0	962	85	0	0	9	0	0	73	81	—	—	0.8	—	0.8	—
	Nawabshah	000	0	3	18	05	96	01	1	956	98	3	0	0	8	0	75	99	000	0	1	18	09	96	03	0	963	84	0	0	9	0	0	74	80	—	—	1.0	—	1.1	4
	Sukkur	000	8	3	20	35	96	01	0	942	01	3	0	9	6	0	77	04	000	9	7	23	03	96	03	0	962	86	7	0	9	6	0	74	83	—	—	0.0	—	0.0	—
	Kashmore																																								4
	Jacobabad	000	0	0	18	07	97	02	0	940	//	0	0	9	0	0	73	03	003	0	0	81	15	96	02	0	960	85	0	0	9	0	0	78	83	— 2	0	0.5	— 1.0	0.8	20
Junagadh	Veraval																																								26
	HILL STATIONS																																								
Kashmir	Srinagar *																																								—
	Gulmarg **																																								71
	Sonamarg **																																								26
	Dras **																																								3
	Leh **																																								6
	Skardu *																																								—
	Misgar **																																								—
	Aliabad *																																								5
	Gilgit *																																								59
Rawalpindi	Murree *	005	3	6	27	03	97	02	6	412	73	6	5	2	0	0	68	76	017	9	8	05	03	96	03	6	418	69	8	5	2	/	/	65	64	+ 4	+ 6	7.7	—10.7	26.4	18
Peshawar	Drosh *	000	0	3	23	10	95	05	4	359	00	3	2	7	0	0	56	02	000	0	4	00	00	95	05	4	402	84	2	1	7	0	3	64	81	+ 6	+ 8	1.0	—	12.2	29
	Cherat *	000	0	4	18	01	98	01	2	425	91	4	2	6	0	0	77	93	000	0	0	18	01	98	08	0	407	81	0	0	9	0	0	69	//	+ 6	/	2.9	— 3.4	11.5	—
	Kakul *	000	0	5	31	02	98	03	2	462	86	5	0	4	0	0	73	87	000	0	7	18	02	95	05	2	413	81	7	2	4	0	0	69	77	—	—	8.3	—	19.0	—
	Landikotal *	000	0	0	05	05	98	06	0	394	93	0	0	9	0	8	77	00	000	0	0	36	02	98	02	0	400	87	0	0	9	0	0	73	77	—	—	0.8	—	11.4	29
	Prachinar *	000	3	5	16	02	98	06	0	394	93	0	0	9	0	8	77	00	000	0	0	00	00	96	05	0	414	81	0	0	9	0	0	62	73	+ 15	—	4.0	—	14.7	13
D.I. Khan	Miranshah *	000	0	0	00	00	96	00	0	444	00	0	0	9	0	0	70	04	030	0	0	05	05	99	00	0	398	87	0	0	9	0	0	59	82	—	—	0.5	— 2.4	2.0	11
	Wana *	000	0	0	13	08	99	00	0	411	91	0	0	9	0	0	82	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
Quetta	Fort Sandeman *	000	7	4	13	02	97	02	0	378	01	3	4	7	3	0	45	02	000	0	0	00	00	97	02	0	403	83	0	0	9	0	0	64	79	+ 7	+ 5	1.4	— 1.7	5.7	—
	Hindubagh *	000	0	0	23	03	97	02	0	366	97	0	0	9	0	0	68	98	000	0	0	00	00	97	02	0	437	75	0	0	9	0	0	66	06	—	—	2.7	—	6.0	9
	Loralai *	000	0	0	25	04	98	00	0	383	95	0	0	9	0	0	51	00	000	0	0	18	02	98	00	0	398	75	0	0	9	0	0	49	50	—	—	0.6	—	0.6	—
	Barkhan *																																								14
	Harnai *	000	0	0	00	00	96	02	0	330	97	0	0	9	0	0	66	00	000	0	0	00	00	96	02	0	388	87	0	0	9	0	0	64	//	—	/	0.8	— 3.6	2.6	9
	Samungli (Quetta) *	000	0	1	36	03	96	05	0	318	97	1	1	7	0	0	66	02	000	0	0	00	00	96	59	5	417	75	0	0	9	0	0	63	65	—	—	0.5	— 0.3	3.1	8
	Chaman *	000	0	0	27	05	97	00	0	424	00	0	0	9	0	0	61	02	000	0	0	09	03	97	00	0	413	85	0	0	9	0	0	56	77	+ 2	+ 1	2.1	+ 2.0	4.8	—
	Nushki *	000	0	0	31	05	95	05	0	451	06	0	0	9	0	0	79	07	000	0	0	00	00	96	05	0	460	90	0	0	9	0	0	62	84	—	—	1.0	—	2.6	4
	Dalbandin *	000	0	6	23	03	95	05	1	418	04	4	0	9	3	8	62	07	000	0	0	13	03	95	05	0	409	82	0	0	9	0	0	52	72	— 1	— 3	0.0	— 0.2	0.5	7
Kalat	Kalat *	//	/	6	31	02	96	02	1	386	88	0	0	9	0	8	41	93	003	0	0	18	02	97	02	0	413	73	0	0	9	0	0	45	64	+ 3	+ 3	0.8	0.0	2.2	—
	Khuzdar *	000	0	0	13	10	95	05	0	395	95	0	0	9	0	0	56	97	000	0	0	23	05	95	05	0	402	82	0	0	9	0	0	65	79	—	—	1.6	—	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 ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 5th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_gt_R	8$N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wc}T$	$3P_wP_wH_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dosina	99 2 34	10 5 92	04 4 23	31 5 05	96 0 20	97 1 31	10 7 31				0/ / 26	/3 0 00	30 2 01	15 0 02
Mobil Energy	99 2 20	10 6 23	04 1 23	82 2 16	98 0 32	98 0 26				87 3 00				
Dinone	99 2 06	10 6 44	04 4 23	82 1 20	97 0 22	99 8 26	42 4 2/				0/ / 24	12 5 18	30 4 02	22 0 07
Isocard	99 1 98	10 5 92	04 1 23	32 2 26	96 0 21	97 5 24	00 9 08			83 8 25	00 3 23	12 2 59	30 5 03	22 0 10
Dionax	99 2 12	10 6 30	04 3 63	71 2 0/	97 0 22	98 5 26	52 4 8/				0/ / 24	12 5 35	30 4 03	22 2 09

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PoPoPo ToToTo DoDo	1000 mb hhh TTTa DD	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	998 256 08	...	400 156 01	059 080 26	578 047 26	751 141 41	758 090 29	239 517 / /	...	...	...	...	...
Dacca	00 00	998 280 12	...	400 190 25	079 124 40	585 013 42	760 119 56	976 239 61	258 469 / /	...	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	995 270 28	...	...	...	...	...	...	...	...	...	...	...	...
Multan	00 00	980 312 58	...	500 234 40	050 080 / /	507 025 / /	751 09/ / /	970 91/ / /	260 401 / /	...	...	...	...	...
Peshawar	00 00	953 310 15	...	400 250 47	043 138 57	581 015 / /	758 060 / /	976 185 / /	263 401 / /	...	...	...	...	...
Quetta														
Sargodha	00 00	982 300 40	...	400 224 58	140 095 56	580 141 / /	746 261 / /	949 405 / /	213 610 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD								Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_{as}$	dt dt ft ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	00 00	900 220 00	800 176 22	600 070 33	350 161 59	...	...	...	...	...	...	...	...
Gilgit													
Jiwani													
Karachi	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta													
Sargodha	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T† of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.4	5.4	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
Bogra	115 08	140 07	175 08	190 08	160 00	145 12	..		...	135 03	135 02	111 3	185 08	199 06	110 04	090 05	105 05									
Chakla'a		/// /	/// //	220 06	235 07	...	...	...	...		115 07	125 04	255 08	290 08			105 04	145 04	130 05	280 09	300 08	...	...	...	...	...
Chhor	220 19	215 17	225 12	252 11	...	...	...	...	...	225 23	225 27	215 27	215 20	150 10	015 20	220 23	251 42	30/ 13		235 17	...	...	...	...	...	...
Chittagong				...	...	...	...	...	...	...	...	...	...	...	...	160 58	165 10	160 11	160 15	150 20	145 28	...	...	...	...	...
Cox's Bazar	190 73	190 13	190 15	...	...	...	...	...	...	No	...	Ascent	...	...	...	165 05	180 05	195 04	240 07	300 06	300 06	...	...	...	...	...
Dacca	200 07	215 07	215 08	240 06	225 06	200 07	155 06	100 08	185 12	140 15	180 17	180 14	...	160 06	...	130 17	135 17	135 12	...	...	...	...	...	...	...	...
Dalbandin	...	...	160 01	060 02	320 08	280 04	180 02	...	...	...	...	060 02	075 03	275 06	185 03	...	...	090 04	175 06	160 07	200 12	185 09	020 09	010 12	...	...
D. I. Khan	195 19	190 19	185 15	161 8/	151 7/	170 14	310 12	335 12	355 08	135 08	175 14	165 19	270 09	290 05	315 22	110 06	115 07	115 09	155 12	160 11	170 10	325 61	335 05	320 12	...	...
Drosh	...	...	...	240 09	205 04	215 07	135 03	345 05	335 06		...	...	255 2/	230 06	195 19	...	...	...	255 05	220 04	325 03	020 07	095 06	030 08	350 11	330 15
Fort Sandeman	...	...	...	335 05	040 07	055 03	340 09	310 14	315 19	...	...	...	065 06	325 05	310 17	...	...	...	310 05	305 09	320 10	315 17	325 14	325 10	...	...
Jacobabad	180 04	175 08	170 07	133 04	015 13	030 12	...	340 16	...	180 16	115 16	190 14	190 06	210 07	240 07	155 12	205 12	200 16	202 0/	195 20	210 14	350 17	030 26	035 31	...	...
Jessore	190 12	195 12	200 12	215 06	140 07	225 10				240 57	250 13	270 11	...	270 7/	...	285 08	300 04	205 03								
Jhelum	210 07	200 09	185 07	280 04	320 13	345 11	055 04	155 06	215 08	120 08	170 10	235 10	265 12	300 14	...	150 04	195 04	235 02	280 11	295 11	310 11	360 03	160 06	...	...	...
Jiwani	140 09	155 07	145 05	100 02	075 03	030 50	155 06	045 19	/// 25	115 08	085 05	...	...	...	...	125 08	140 05	220 03	...	...	...	...	...	...	...	...
Karachi	240 17	245 12	265 06	...	...	...	...	...	...	...	...	...	...	...	...	250 07	250 10	...	...	...	...	...	...	...	...	...
Khanpur	225 06	210 08	205 08	175 05	155 05	095 07	040 01	060 10	...	220 10	230 13	245 13	265 13	275 12	240 13	251 9/	282 3/	220 26	225 31	295 43	230 30	215 27	275 17	005 21	...	...
Lahore	260 03	300 03	340 03	3 9 47	340 09	350 05	125 02	285 06	295 03	215 10	280 11	325 15	220 09		255 05	105 04	225 04	250 06	290 07	295 10	300 10	...	...	...	...	...
Multan	175 11	195 09	215 04	195 12	180 11	355 03	102 1/	015 26	030 09	215 35	210 26	205 24	230 05	015 15	360 13	200 30	205 31	205 34	205 41	205 35	225 21	260 09	345 22	345 23	...	...
Nawab Shah	160 08	160 11	145 10	120 12	105 16	075 17	...	...	...	185 14	185 03	170 01	110 06	125 12	100 18	160 10	150 08	150 07	135 06	045 05	050 19	090 20	115 16	080 10	...	...
Panjgar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	065 06	125 09	185 13	250 08	320 10	...	...	...	...	335 14	275 08	200 08	190 02	140 10	...	035 07	235 0/	175 02	245 04	225 08	...	...	...	...	...
Quetta		No	Ascent		...		...	...	...	No	Ascent					No	Ascent	...	...							
Sargodha	190 04	190 04	190 06	265 08	335 08	310 11	...	...	...	105 11	225 15	225 13	240 12	235 06	...	180 02	210 05	220 09	240 21	225 //	320 08	...	...	...	...	...
Sylhet	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	140 57	130 05	135 04	...	...	...	...	...	...	...	...
Veraval	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
F.R. Sargodha																		
Karachi	245 12	245 15	230 18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar																		
Quetta																		

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

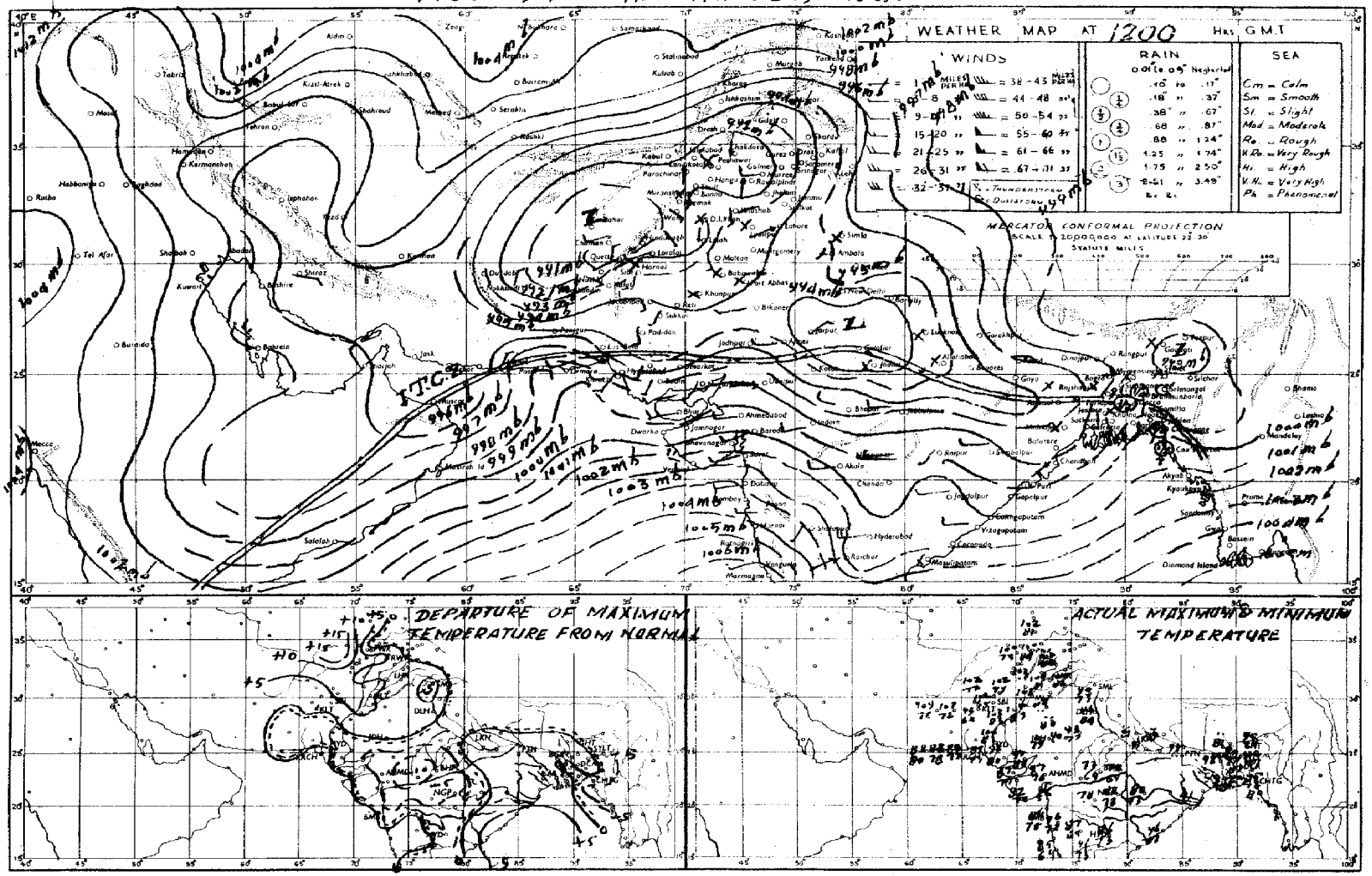
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Messeriologist. Weather Central Air Port, KARACHI-11

PAKISTAN DAILY WEATHER MAP

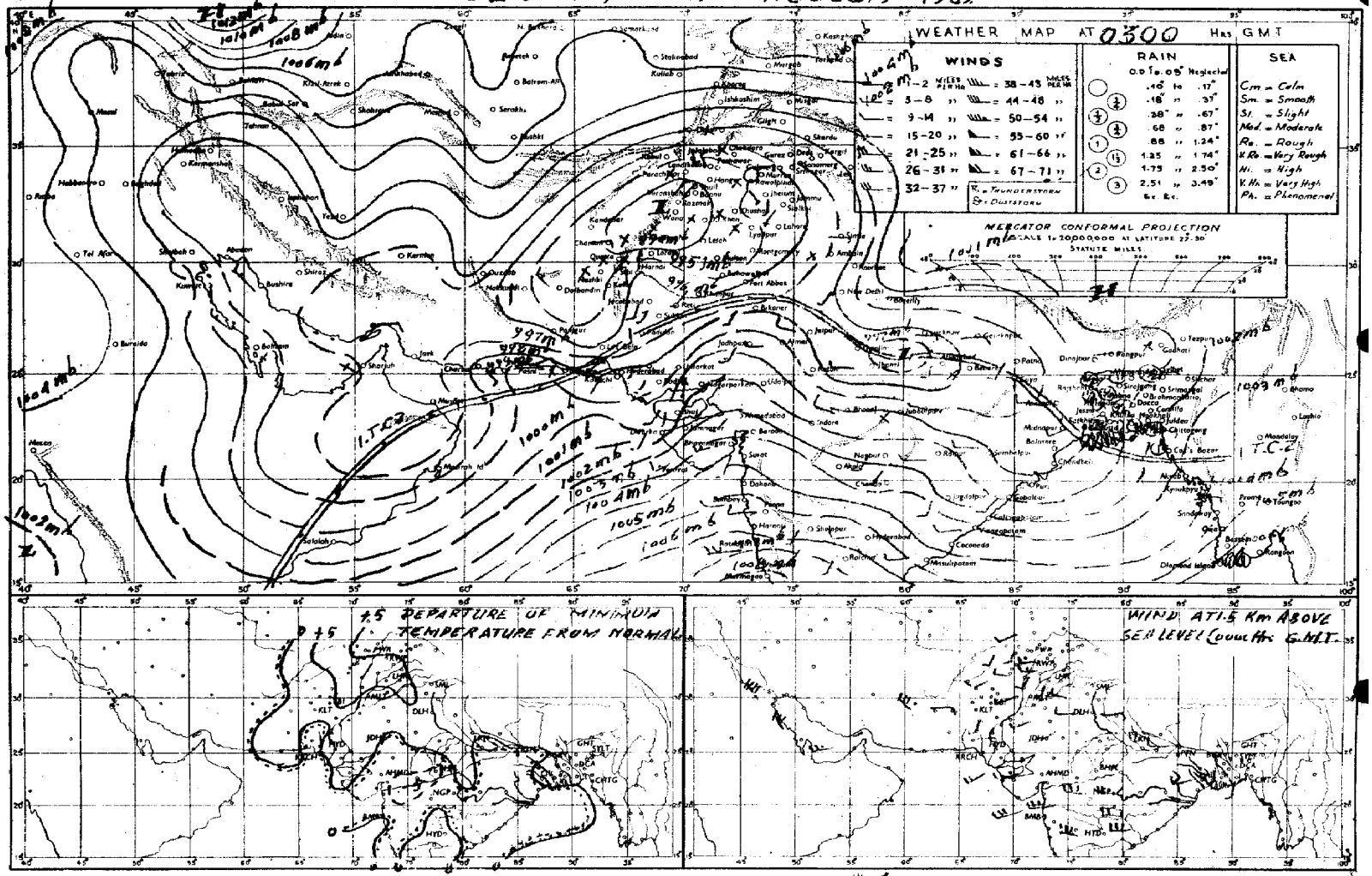
MONDAY 4th AUGUST, 1969.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 5th AUGUST, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY THE 6th AUGUST 1969.

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

Yesterday's low pressure area over west Uttar Pradesh has merged with the monsoon trough which extends from Sargodha division to west Bengal. Monsoon is moderate over East Pakistan. Local rain/thundershowers have occurred in Chittagong and Rajshahi divisions and scattered in Dacca and Khulna divisions. The seasonal trough of low pressure lies over Quetta division and neighbourhood and is well marked. A few light showers have occurred in Rawalpindi division weather otherwise remained dry over west Pakistan.

Chief amounts of rainfall are : Maijdee Court (upto 0000Z), Sylhet and Srimangal ½" each.

Day temperatures were 6—9 °F (3—5 °C) above normal in Peshawar division and 2—5 °F (1—3 °C) so in Dacca, Khulna, Rajshahi, Rawalpindi, Sargodha, Multan, Bahawalpur, Quetta and Kalat divisions.

Forecast valid until the evening of 7th August 1969 :—Local rain/thundershowers are likely to occur in East Pakistan and in Rawalpindi division and Kashmir and scattered in Peshawar, Sargodha and Lahore divisions. Weather is likely to remain mainly dry elsewhere over West Pakistan.

Karachi-11
The 6th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Winds speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature° TT	Amount of Lowest Cloud † Nh	Low Cloud from † CL	Heights of Lowest Cloud † h	Medium Cloud from † CM	High Cloud from † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature TT	Amounts of Lowest Cloud † h	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, 1969 to-date	Departure from normal	Since 1st January, 1969 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	061	/	6	18	05	96	91	2	942	85	5	3	4	5	7	77	90	063	0	5	18	02	97	02	9	033	80	5	3	5	7	7	79	77	—	—	51.2	—	57.7	—
	Cox's Bazar	000	0	5	18	10	96	02	2	987	89	3	3	4	0	0	77	85	000	0	6	13	04	97	02	2	002	85	2	4	3	1	1	77	77	—	—	37.8	— 34.0	45.6	14
	Chittagong	000	0	6	18	10	96	03	2	984	82	3	3	4	2	0	77	87	000	0	5	11	05	96	01	2	001	86	2	4	4	1	1	77	77	+ 1	+ 2	21.5	— 26.7	74.7	10
	Maijdee Court	000	9	7	18	02	96	03	2	971	86	5	2	5	1	0	77	87	002	0	5	13	03	97	03	1	993	85	3	4	5	1	1	77	77	+ 1	— 1				11
	Comilla	000	0	9	18	05	96	02	0	976	86	0	0	9	0	0	79	90	015	7	4	18	05	96	02	1	999	80	4	4	4	7	0	0	79	80	+ 1	—	—	—	—	—
	Brahmanbaria	005	1	4	18	02	97	01	6	960	87	4	4	5	5	0	80	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3	1	—	—	—	94
	Sylhet	002	0	7	00	00	97	03	2	966	90	4	4	5	0	3	80	90	067	9	8	05	05	96	03	6	000	79	5	4	5	4	2	1	77	77	—	—				78
	Srimangal	030	0	5	18	02	96	02	0	990	88	2	7	5	0	2	80	92	030	9	8	00	00	96	02	9	994	77	4	5	5	2	1	1	77	77	—	—	63.6	—	10.5	—
Dacca	Mymensingh	000	0	5	00	00	97	02	2	974	87	5	5	5	0	0	77	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1	/	35.7	+ 4.4	61.1	98
	Narayanganj	000	0	3	18	02	96	03	1	966	87	1	8	6	3	1	77	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					
	Dacca (Tezgaon)	011	8	3	18	02	96	01	6	961	86	1	8	6	3	1	77	90	000	0	6	13	03	97	03	5	986	85	2	4	4	1	1	79	80	+ 3		24.8	— 3.0	48.3	91
	Faridpur	000	0	3	//	02	97	00	0	964	85	2	5	6	1	0	77	90	011	9	7	00	00	97	03	9	987	85	6	9	4	3	0	79	80	+ 3	+ 1	24.6	—	35.7	74
Khulna	Barisal	016	2	7	00	00	97	29	9	971	82	5	4	4	2	0	80	87	016	3	6	18	02	97	02	2	988	86	5	4	5	0	2	80	79	—	—	21.7	— 6.5	39.0	77
	Khulna	060	9	4	00	00	97	03	0	986	82	2	2	4	0	1	80	87	016	3	6	18	02	97	02	2	988	86	5	4	5	0	2	80	79	+ 3	+ 3	23.0	— 6.5	29.0	68
	Satkhira	///	/	6	18	03	97	01	0	998	82	0	2	2	9	1	80	90	000	1	6	00	00	97	03	0	978	85	2	2	4	0	1	82	81	+ 2	+ 3	23.0	— 11.0	40.9	81
	Jessore	009	1	5	16	03	97	02	9	964	86	1	4	4	4	8	78	90	000	0	7	00	00	97	03	2	986	87	4	4	5	1	0	81	80	+ 2	+ 2	16.8	— 11.0	22.1	65
Rajshahi	Pabna	000	0	5	00	00	98	01	2	959	86	3	2	6	0	3	82	91	000	0	7	00	00	97	03	1	980	85	7	0	9	1	0	79	79	—	—	24.2	— 2.5	22.6	65
	Sirajgan	000	0	7	18	02	97	01	1	964	86	2	2	6	0	0	80	90	014	2	8	13	02	97	03	6	985	85	8	0	9	0	0	82	82	—	—	23.7	—	37.4	59
	Rajshahi	104	0	7	31	02	95	03	6	970	86	2	7	6	0	0	80	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3	+ 1	23.3	— 3.0	30.0	64
	Bogra	015	3	5	13	03	96	01	6	964	86	4	4	5	7	/	80	90	010	9	6	09	02	96	02	2	991	82	4	4	4	1	0	79	79	+ 2	0	13.8	—14.5	29.8	69
	Dinajpur	000	9	3	09	02	96	00	1	963	87	3	0	9	0	1	80	90	000	3	4	09	02	96	01	2	990	87	4	4	4	1	0	79	79	+ 2	0	13.8	—14.5	29.8	69
	Rangpur	000	9	4	10	12	96	01	2	979	87	4	0	9	1	0	80	90	000	3	4	09	02	96	01	2	990	87	4	4	4	1	0	79	79	+ 2	0	13.8	—14.5	29.8	69
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	012	7	4	09	02	90	61	6	010	86	4	0	9	0	0	79	82	+ 9	+ 5.6	41.4	+ 5.6	60.0	84
Lahore	Lahore (Intl Rd.)	000	0	1	00	00	96	02	1	914	00	1	0	9	3	0	78	00	000	0	8	09	02	96	02	2	938	85	3	5	6	7	1	79	82	— 2	+ 3	10.1	+ 2.0	14.7	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	32
Rawal-pindi	Jhelum	070	3	6	23	02	97	02	2	907	98	2	3	7	2	0	80	02	002	3	8	13	05	98	02	6	961	82	4	5	6	2	1	79	80	—	—	11.0	—	19.2	—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	8	11	03	99	02	2	933	85	5	5	5	6	0	77	82	—	— 6	5.4	— 6.6	15.5	36
Sargo-dha	Khushab	000	0	0	18	//	97	06	0	901	05	0	0	9	0	0	78	05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					15
	Sargodha	000	0	1	18	03	97	02	0	901	05	0	0	9	0	0	78	05	000	0	4	09	02	95	06	0	933	85	1	0	9	3	1	79	//	— 4					—
	Lyallpur	000	0	0	00	00	96	00	0	913	00	0	0	9	0	0	70	05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 6		10.2	—	13.8	12
Mul-tan	Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Multan	000	0	3	18	14	97	67	0	907	02	0	0	9	0	3	70	05	000	0	1	18	01	96	07	0	922	87	0	0	9	0	0	77	87	—	—				10
	Lalah	000	0	0	36	02	95	00	0	961	02	0	0	9	0	0	77	02	000	0	0	31	02	93	00	0	933	91	0	0	9	0	0	73	85	+ 4	+ 1	7.8	+ 4.8	10.9	7
Baha-walpur	Khanpur	000	0	5	23	07	97	02	0	914	02	1	0	9	3	0	72	05	000	0	5	23	05	96	02	2	///	85	2	0	9	0	0	73	86	—	—				8
	Bahawalpur	000	0	1	00	00	95	00	0	953	02	0	0	9	0	0	73	05	000	0	5	23	05	96	02	2	///	85	2	0	9	0	0	73	86	+ 4	+ 2	0.0	— 3.2	1.0	6
	Fort Abbas	000	0	0	23	02	98	00	0	835	16	0	0	9	0	0	98	16	010	0	0	00	00	96	00	0	938	86	2	0	9	3	0	73	85	+ 2	+ 3	0.0	— 2.5	1.8	6
Pesha-war	Chakdra	000	0	0	36	02	97	02	0	874	98	0	0	9	0	0	78	00	000	0	7	00	00	96	02	2	897	//	7	0	9	7	0	79	80	+ 4	+ 4	2.6	—	10.8	8
	Peshawar	000	0	0	05	02	96	06	0	876	02	0	0	9	0	0	78	02	030	0	/	/	//	96	/	/	///	//	/	0	/	/	0	/	/	—	—	1.6	—	10.8	—
	Haripur	000	0	0	18	03	97	00	0	902	00	0	0	9	0	0	73	02	000	0	/	/	05	03	97	00	0	921	90	0	0	9	0	0	79	87	—	—	0.7	—	10.8	—
D. I.-Khan	Bannu	000	0	6	13	02	98	03	2	888	04	/	8	5	0	5	72	05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2	+ 7	3.0	+ 0.8	11.6	11
	D. I. Khan	000	0	0	00	00	98	00	0	892	80	0	0	9	0	0	81	//	000	0	0	00	00	98	00	0	920	//	0	0	9	0	0	79	86	—	—	3.0	—	11.6	—
Quetta	Sibi	000	0	0	18	03	97	02	0	913	10	0	0	9	0	0	58	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	/	+ 4	1.3	— 2.0	3.7	9
	Nokkundi	000	0	0	31	01	97	02	0	897	08	0	0	9	0	0	58	10	000	0	0	31	09	96	02	0	936	90	0	0	9	0	0	49	84	—	—	0.0	—	0.3	2
Kalat	Turbat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Jiwani	000	0	4	18	07	96	01	0	962	87	0	0	9	0	0	77	87	000	0	2	13	04	96	01	2	974	79	2	4	6	0	0	77	81	—	—	0.0	—	2.0	5
	Pasni	000	0	4	25	08	97	02	0	972	89	0	0	9	0	0	79	91	000	0	4	11	04	97	02	0	978	81	0	0	9	0	0	70	78	—	—	0.0	— 0.7	0.0	6
Karachi division	Ormara	000	0	1	27	03	96	03	3	977	87	1	6	6	0	0	81	90	000	0	5	27	07	96	01	1	981	81	5	6	6	0	0	75	78	+ 2	+ 1	0.0	— 0.7	0.6	6
	Lasbela	000	0	0	13	03	97	00	1	950	97	0	6	8	0	0	77	99	000	0	5	00	00	98	00	2	961	82	5	6	6	0	0	78	//	—	/	0.0	— 0.7	0.7	8
	Karachi (Manora)	000	0	5	25	09	97	03	1	975	86	2	6	4	0	0	77	87	000	0	6	27	05	96	03	2	970	82	6	6	6	0	0	75	75	—	—	0.7	—	0.7	8
	Karachi (Airport)	000	0	7	23	10	96	03	2	968	88	3	6	5	0	0	75	83	000	0	7	25	10	96	03	2	967	82	4	6	5	3	0	75	79	+ 2	+ 2	1.0	— 3.3	1.1	8
Hydera-bad	Nagarparker	030	0	6	05	02	97	02	0	009	91	6	6	6	0	0	72	92	000	0	6	23	02	97	02	0	010	83	6	6	6	0	0	75	79	—	—	1.5	—	1.5	—
	Chhor	000	0	7	23	12	96	03	1	958	93	7	6	6	0	0	72	92	000	0	6	23	02	97	02	0	010	83	6	6	5	3	0	75	79	—	—	1.5	—	1.5	—
	Hyderabad	000	0	3	23	09	97	03	0	959	79	1	5	6	0	1	79	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	0.1	—	0.1	—
	Badin	000	0	4	23	06	96	03	0	988	90	0	0	9	0	4	76	92	000	0	8	23	07	96	03	0	983	83	3	6	5	3	0	73	81	—	—				7
Khairpur	Padidan	000	0	2	13	09	96	03	0	927	03	0	0	9	0	1	72	05	000	0	0	13	05	97	02	0	981	82	3	6	5	3	0	73	81	0	+ 2	0.2	— 3.7	0.3	9
	Nawabshah	000	0	6	18	16	96	03	2	940	00	0	0	9	0	8	73	02	000	0	4	18	10	96	03	0	987	86	4	0	9	1	0	73	84	0	— 1	0.3	— 3.8	0.3	—
	Sukkur	000	8	7	23	05	96	03	2	922	02	7	0	9	0	9	75	//	000	0	0	23	05	96	02	0	934	84	0	0	9	0	0	73	84	—	—	0.8	—	0.8	—
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	/	—	1.0	—	1.1	—
	Jacobaba	000	0	3	18	07	97	01	1	917	02	0	0	9	0	0	75	03	000	0	3	13	07	96	05	0	960	50	0	0	9	0	0	78	82	— 2	— 1	0.5	— 1.1	0.8	4
unagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20
	HILL STATIONS																																								26
Kashmir	Srinagar **	...																																								—
	Gulmarg **	...																																							71
	Sonamarg **	...																																							26
	Dras **	...																																							3
	Leh **	...																																							6
	Skardu **	...																																							—
	Misgar **	...																																							5
	Allabad **	...																																							59
	Gilgit **	...																																							—
Rawalpindi	Murree **	...	000	0	8	23	05	95	03	1	886	73	8	2	2	/	/	68	75	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
Peshawar	Drosh **	...	000	0	2	23	10	94	05	4	935	85	2	2	7	0	0	56	05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					18
	Chitral **	...	000	0	0	18	05	98	03	2	939	95	8	3	7	0	0	74	96	020	0	8	18	01	95	01	0	978	77	8	6	1	0	0	75	//	+ 9					29
	Kakul **	...	000	0	0	09	02	98	02	0	988	96	0	0	9	0	0	76	00	000	0	0	31	05	98	02	0	976	85	0	0	9	0	0	77	78	—	—	2.2	— 3.6	11.5	—
	Landikotal **	...	000	0	4	16	03	96	05	0	977	90	4	4	7	6	0	76	91	000	0	0	00	00	97	02	0	993	79	0	0	9	0	0	77	76	+ 6	+ 11	4.0	—	14.7	13
	Prachinar **	...																																							29
D.I. Khan	Miranshah **	...	000	0	0	05	05	99	00	0	899	00	0	0	9	0	0	80	00	003	0	0	00	00	99	00	0	429	85	0	0	9	0	0	75	//	—	/	0.8	—	11.4	11
	Wana **	...	000	0	0	13	04	99	00	0	901	96	0	0	9	0	0	80	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		4.0	—	14.7	29
Quetta	Fort Sandeman **	...																																							11
	Hindubagh **	...	000	0	1	36	03	97	03	0	961	03	1	0	8	0	0	34	95	000	0	0	05	02	97	02	0	375	85	0	0	9	0	0	58	79	+ 10	+ 5	1.4	— 1.7	5.7	—
	Loralai **	...	000	0	1	30	//	//	00	0	985	95	0	0	9	0	0	55	00	000	0	0	18	02	98	00	0	390	75	0	0	9	0	0	66	65	—	—	2.7	—	6.0	9
	Barkhan **	...																																							—
	Harnai **	...	000	0	0	00	00	96	02	0	971	97	0	0	9	0	0	66	99	000	0	0	00	00	96	02	0	354	85	0	0	9	0	0	48	55	—	—	0.6	—	0.6	—
	Samungli (Quetta) **	...	000	0	0	00	00	97	05	0	974	98	0	0	9	0	0	63	04	000	0	0	00	00	96	05	8	394	74	0	0	9	0	0	59	61	—	—	0.8	— 3.6	2.6	14
	Chaman **	...	000	0	0	27	05	97	00	0	985	02	0	0	9	0	0	61	04	020	0	0	09	03	97	02	0	834	98	0	0	9	0	0	55	61	—	—	0.5	— 0.3	3.1	9
	Nushki **	...	000	0	0	00	00	95	05	0	460	//	0	0	9	0	0	79	03	000	0	0	00	00	96	00	0	440	90	0	0	9	0	0	61	78	+ 4	+ 3	2.1	+ 2.0	4.7	8
	Dalbandin **	...	000	0	4	22	03	95	05	0	398	07	0	0	9	0	1	77	07	000	0	0	13	03	96	02	0	389	81	0	0	9	0	0	61	83	—	—	1.0	—	2.6	4
Kalat	Kalat **	...	030	0	0	31	02	97	02	0	880	89	0	0	9	0	0	41	94	000	0	0	16	02	97	02	0	391	75	0	0	9	0	0	34	63	+ 2	+ 6	0.0	— 0.1	0.5	7
	Khuzdar **	...	000	0	0	13	02	97	02	0	893	02	0	0	9	0	0	45	02	000	0	0	00	00	96	02	0	378	81	0	0	9	0	0	64	79	+ 4	+ 4	0.8	— 0.0	2.2	—
	Panjgur **	...																																					1.6	—	2.0	5

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 6th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_Lh_hC_MC_H$	D_sV_sa PP	7RR t_gt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wc}T$	$3P_wP_wH_wH_wd_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Done	99 1 76	10 6 79	05 3 63	82 2 20	96 1 58	03 8 26	88 4 11				0/ / 23	12 6 78	30 4 03	23 0 08

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
		PoPoPo ToToTo DoDo	hhh TTd DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	99/ 256 08	...	420 212 23	107 134 31	586 015 28	761 103 56	977 255 57	925 459 / /	...	...	...	...	...
Dacca ...	00 00	996 282 18	...	360 184 37	048 110 46	580 027 57	753 123 57	969 251 32	246 475 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	MISDA												
Multan ...	00 00	978 306 59	...	320 244 60	012 100 05	...	745 125 / /	960 221 / /	...	...	...	...	...	...
Peshawar ...	00 00	951 304 40	...	350 276 59	038 170 56	583 054 59	764 004 / /	987 195 / /	278 331 / /	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	982 284 45	...	450 230 51	111 094 15	580 091 / /	749 181 / /	961 261 / /	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD									Max. Wind Speed	TROPOPAUSE		
											PmPmPm dmdm fmfmfm	$P_cT_cP_cT_cT_{ac}T_{ac}$	dt dt ft ft	
16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Chittagong ...	00 00	900 233 11	800 180 27	600 068 34	350 167 57	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 216 34	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...		MISDA												
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds tens and units of millibars,
DD—Daw 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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	140 14	125 16	135 16	140 13	150 12	...	...	...	...	100 10	095 11	095 13	090 09	...	...	105 10	110 18									
Chaklala ...		110 07	115 10	125 11	...	...	...	...	...	...	120 08	140 07	125 08	...	...	...	120 10	130 16	135 12	...	...	...	...	...	...	...
Chhor ...	275 23	215 19	215 14	200 14	130 07	055 09	...	...	...	...	...	...	...	...	...	235 27	240 23	245 18								
Chittagong ...	178 17	185 14	180 13	175 13	155 15	140 14	...	...	...	170 10	170 07	...	215 05	200 03	...	155 09	150 05	140 05	135 06	130 12	...	...	...	...	...	...
Cox's Bazar ...	205 15	200 14	200 15	190 08	175 07	...	...	...	...	160 15	190 13	170 10	...	170 06	...	171 01	135 05	130 09	120 09	115 13	095 15	...	...	...	...	...
Dacca ...	...	...	...	...	...	...	...	...	...	...	...	260 06	030 03	020 03	035 11	150 11	145 10	155 01	120 07	...	...	...	...	...	...	...
Dalbandin ...	...	...	310 01	265 03	260 05	200 08	335 08	020 06	045 11	050 05	065 04	080 02	080 07	060 10	050 18	...	...	220 09	...	255 05	...	265 06	...	295 03	...	...
D. I. Khan ...	190 15	170 16	...	155 13	190 03	140 03	290 09	315 15	315 22	...	...	...	210 04	235 03	305 02	090 04	085 07	085 13	050 03	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	180 01	320 07	315 21	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	027 04	130 03	205 02	345 12	350 06	335 02	145 09	165 14	200 13	240 10	375 14	355 15	187 01	190 12	205 10	105 10	205 14	270 17	005 17	075 15	065 11	...	...
Jacobabad ...	175 14	190 16	200 13	325 03	020 07	015 17	335 05	725 06	010 08	235 09	240 10	250 07	210 04	200 05	190 06	120 01	135 03	155 03	170 / /	155 06	...	...	...	...	...	...
Jessore ...	180 08	170 03	165 03	245 02	125 07	150 14	...	...	...	105 13	110 25	145 12	195 01	195 02	...	101 21	120 21	120 22	...	251 15	...	...	...	...	...	...
Jhelum ...	150 08	175 10	170 12	185 10	165 10	300 18	310 20	...	...	130 05	205 05	...	...	...	...	130 02	285 04	285 08	245 13	320 14	335 14	280 03	160 05	085 08	...	...
Jiwani ...	180 08	220 05	255 03	360 07	330 08	005 10	060 08	060 10	055 17	260 16	265 19	265 20	...	...	...	250 10	255 17	...	...	...	...	...	...	...	...	...
Karachi ...	235 11	235 15	235 20	...	...	...	...	...	...	215 12	210 13	210 14	215 15	...	...	215 13	275 15	210 17	230 24	245 13	...	...	...	...	...	...
Khanpur ...	220 14	220 17	215 17	220 19	230 19	275 13	335 15	295 13	265 16	140 11	175 13	202 07	265 17	270 21	...	105 10	120 03	(50 / /	275 05	265 14	...	...	...	...	...	...
Lahore ...	080 03	080 51	265 03	265 10	265 11	280 09	209 11	305 03	285 05	200 19	210 13	210 36	...	215 52	...	190 25	195 08	215 27	265 21	225 18	205 04	345 / /	335 21	335 20	...	...
Mulsan ...	210 27	310 30	210 27	230 11	230 12	165 11	355 27	330 20	325 13	220 09	230 04	260 03	035 07	005 09	...	195 15	195 11	320 05	300 03	360 08	015 13	080 13	...	...	...	...
Na weh Shah ...	185 23	190 20	190 15	025 05	035 09	020 04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	075 04	070 03	285 07	300 12	310 16	350 15	005 16	355 16	...	...
Peshawar ...	...	080 07	150 11	175 12	255 09	320 07	340 13	020 01	005 14	...	350 15	301 0	225 10	230 07	315 07	No	Ascent									
Quetta ...		No	Ascent								No	Ascent				145 11	105 10	105 20	065 10	010 14	360 17	...	...	...	...	...
Sargodha ...	165 10	185 08	180 07	210 08	275 11	330 16	325 12	323 16	320 10	175 14	195 21	205 17	235 09	195 04	290 13	070 06	070 05	095 06	120 10	135 10	...	...	...	...	...	...
Sylhet ...	010 01	280 01	190 05	145 09	145 09	130 12	120 12	...	...	155 05	170 09	175 08	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...								...																

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...																		
Peshawar ...																		
Quetta ...																		

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

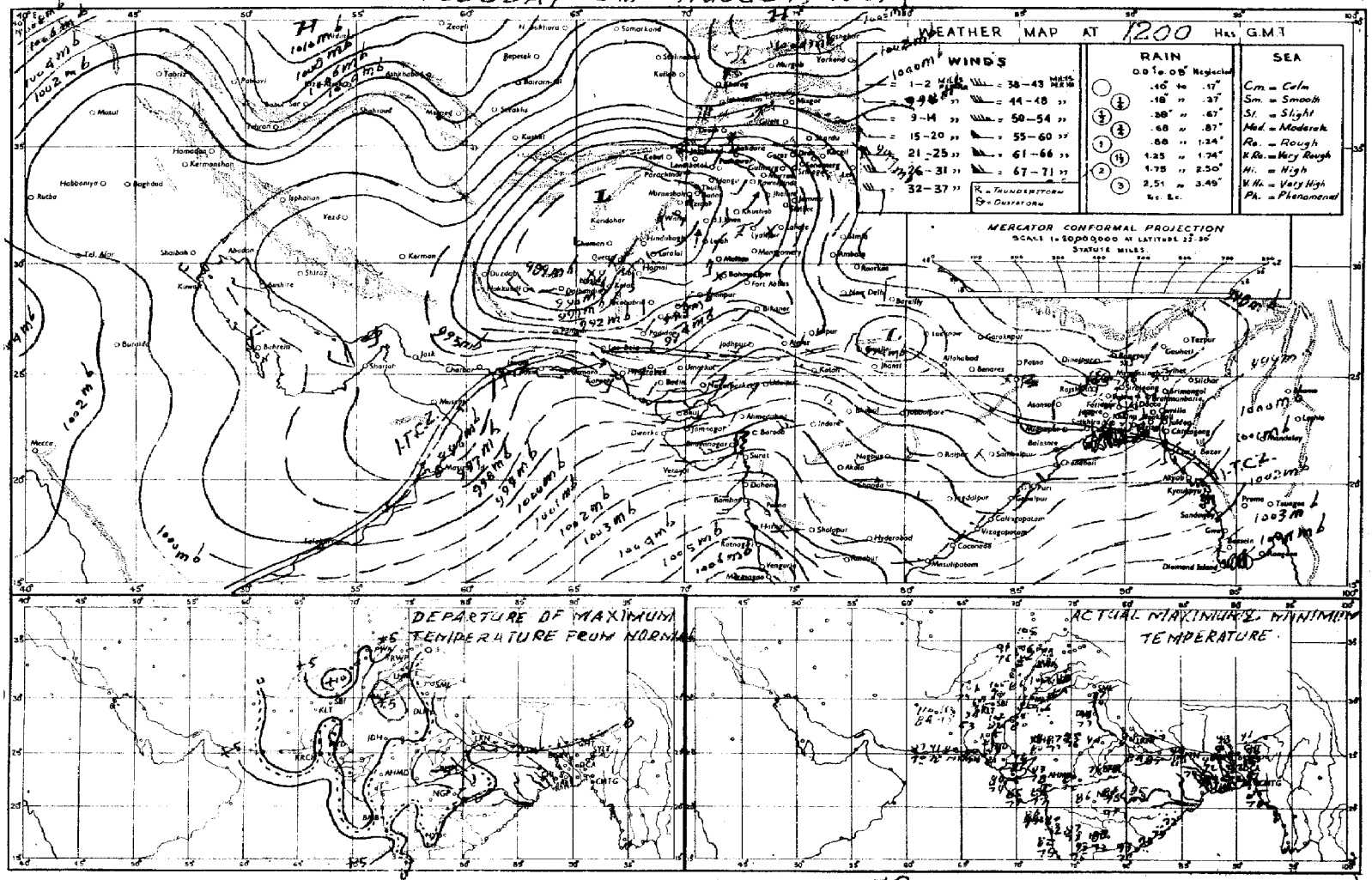
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual enteries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

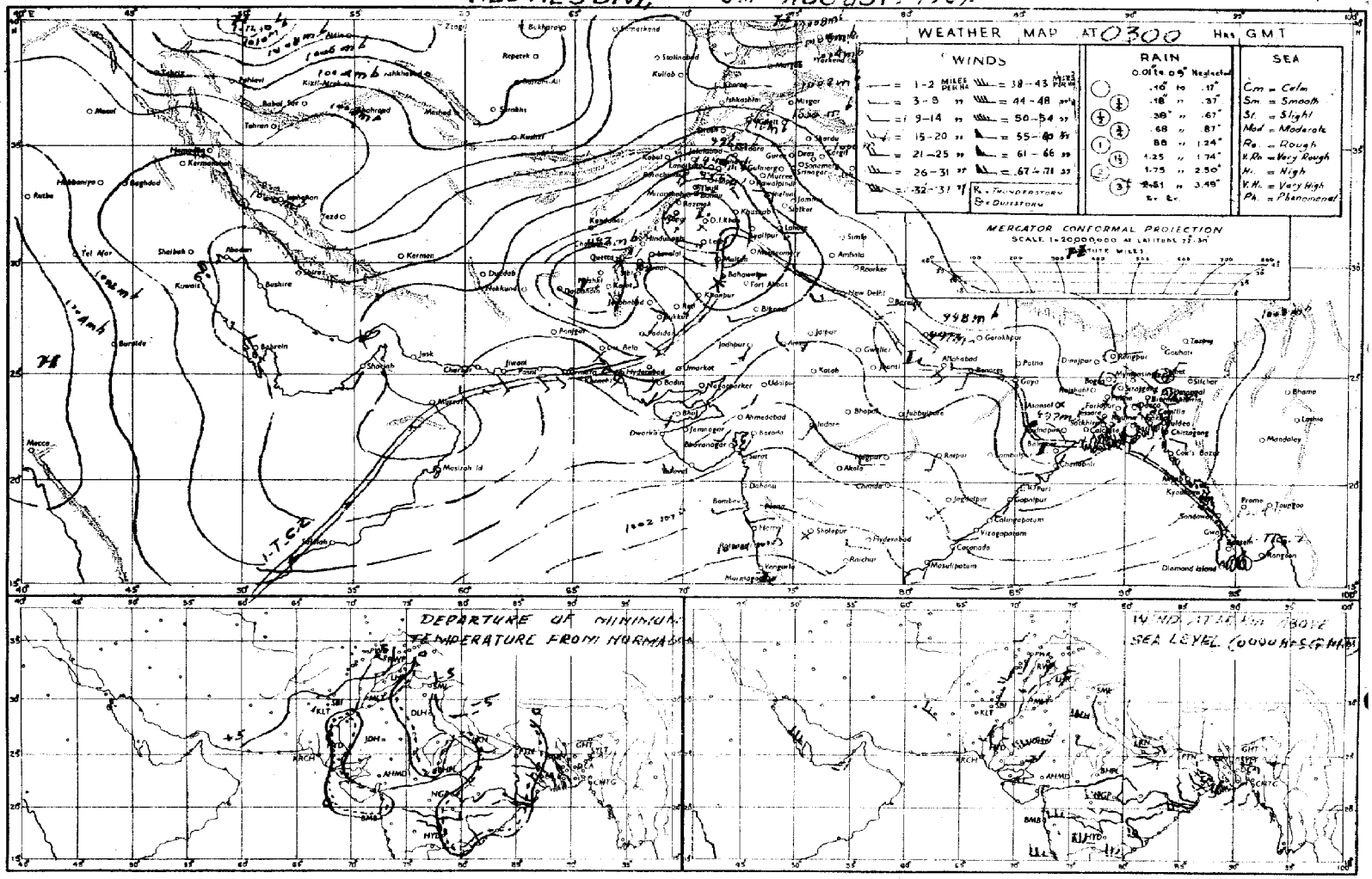
TUESDAY 5th AUGUST, 1969



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 6th AUGUST, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

THURSDAY THE 7th AUGUST 1969.

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

Observations are lacking but believe a shallow low pressure area lies over Gangetic west Bengal and adjoining east Pakistan. Local rain/thundershowers have occurred in Chittagong division and scattered in Dacca and Rajshahi divisions and a few thunderstorms in Khulna division.

Shallow incursion of monsoon easterlies is occuring into northern division of west Pakistan. The seasonal trough of low pressure over Quetta and Kalat divisions continues to be well marked. Local rain/thundershowers have occurred in Peshawar and Rawalpindi division and a few falls of light rain in Lahore and Sargodha division.

Chief amounts of rainfall are : Rawalpindi and Kakul 2" each, Cox's Bazar and Murree 1" each and Chittagong, Sylhet (upto 0000Z) and Haripur $\frac{1}{4}$" each.

Day temperatures were 3—6 °F (2—3 °C) above normal in Peshawar, D. I. Khan and Quetta division and nearly normal elsewhere over the country.

Forecast valid until the evening of 8th August 1969 :—Local rain/thunderstorms showers are likely to occur in East Pakistan and in Lahore, Rawalpindi divisions and Kashmir and scattered in Peshawar, Sargodha, D. I. Khan and Quetta divisions. Weather is likely to remain mainly dry elsewhere over West Pakistan.

Karachi-11
The 7th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 from †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths) •	Dry Bulb temperature	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	We	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	We	N	dd	ff	VV	ww	W	PPP	TT	h	CL	h	CM	CH	TdTd	TnTn	TxTn	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	062	3	/	18	02	98	02	9	982	79	5	3	5	/	/	81	91	060	0	5	18	02	98	02	1	982	82	3	3	6	1	1	77	77	—	0	58.3	—	58.3	140
	Cox's Bazar	015	1	7	13	12	95	02	6	967	80	5	3	4	3	6	77	85	...	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	..	..	..	..	..	108
	Chittagong	001	0	7	18	03	96	02	2	968	85	5	3	4	3	1	77	89	...	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	+ 4	..	..	..	..	115
	Maijdee Court	000	9	6	06	03	96	03	2	954	84	3	1	5	1	0	79	87	030	4	6	18	05	97	03	6	973	80	4	2	5	2	0	77	78	+ 1	—	76.3	—26.3	98.3	14
	Comilla	003	0	9	00	00	96	02	0	962	86	0	0	9	0	0	79	91	..	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	+ 4	..	..	..	..	78
	Brahmanbaria	000	0	4	18	02	97	03	1	960	87	4	5	5	0	0	80	90	..	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	—	..	..	..	..	
	Sylhet	...	..	..	..	..	...	...	..	..	..	..	..	..	..	..	..	...	043	2	5	13	05	96	02	9	987	86	1	6	/	/	80	77						
	Srimangal	...	..	..	..	..	...	...	..	..	..	..	..	..	..	..	..	...	017	3	4	18	04	96	02	9	996	85	2	8	5	7	1	78	77		0	63.8	—	100.7	78
Dacca	Mymensingh	000	0	6	00	00	97	03	/	962	87	6	4	5	0	0	77	93	020	1	4	00	00	97	02	6	994	83	4	5	3	0	0	78	78	+ 2	—	32.1	— 4.7	47.3	91
	Narayanganj	000	0	8	13	02	96	02	2	961	87	4	5	6	3	1	79	93	000	0	7	13	05	97	02	2	972	87	6	5	6	3	1	77	80	+ 3	0	24.9	— 3.4	48.3	74
	Dacca (Tejgaon)	000	0	7	13	02	97	02	2	955	86	2	2	5	2	4	79	87	..	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	..	..	..	..	..	
	Faridpur	001	0	6	16	02	97	02	6	966	86	5	5	4	1	0	79	93	010	0	5	11	05	97	02	2	978	85	3	4	5	1	0	80	80	+ 3	0	21.8	— 6.7	39.0	71
Khulna	Barisal	000	0	6	18	02	97	02	2	960	85	4	8	4	0	4	80	88	000	0	8	09	03	96	50	2	971	82	7	6	5	4	2	78	83	+ 1	+ 1	30.9	— 4.0	40.9	81
	Khulna	000	0	4	00	00	97	03	0	999	87	2	2	4	0	0	84	91	020	4	4	09	00	97	03	0	///	85	2	2	4	/	/	76	83	+ 4	— 1	23.0	— 6.8	29.2	68
	Satkhira	001	1	6	18	00	97	01	0	996	87	0	2	5	0	1	79	90	076	1	6	23	01	97	01	0	///	///	2	3	5	3	0	80	78	+ 2	— 2	17.6	—10.6	22.9	65
	Jessore	000	0	7	13	04	97	02	2	948	87	1	4	4	4	8	77	91	000	7	7	06	09	97	02	9	974	85	6	6	3	2	0	80	///	—	/	24.2	— 2.9	32.6	65
Rajshahi	Pabna	000	0	4	13	05	99	01	2	944	90	2	2	6	0	3	82	90	000	4	4	09	05	99	03	9	979	85	2	2	6	0	3	82	82	—	0	23.7	—	37.4	59
	Sirajganj	020	7	4	18	02	97	02	2	941	86	4	0	7	4	0	81	86	..	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	..	..	..	..	..	64
	Rajshahi	000	0	6	09	03	96	03	/	951	86	4	5	5	2	/	81	91	000	0	6	05	03	95	03	1	983	85	6	7	5	/	/	78	80	— 1	—	25.9	+ 1.0	39.9	—
	Bogra	000	0	6	13	02	96	01	2	953	84	2	8	4	3	0	79	87	000	7	7	13	03	96	02	2	969	84	4	4	4	2	7	80	80	+ 2	+ 1	13.9	—14.9	29.9	69
	Dinajpur	000	9	5	08	01	96	01	1	956	87	2	5	6	2	1	79	91	000	0	4	09	02	96	01	1	980	87	4	0	9	4	1	80	80	+ 3	/	—	—		72
	Rangpur	016	4	7	09	02	96	01	6	980	87	7	0	9	2	0	79	96	..	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	+ 7	..	..	..	..	84
Kashmir	Jammu	...	..	..	..	..	...	...	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	..	..	..	..	..	
Lahore	Lahore (Civil Rd.)	000	6	8	09	05	96	20	5	938	84	4	5	5	2	1	79	87	002	9	8	09	02	96	02	6	969	80	4	6	6	2	/	75	79	— 11	0	10.1	+ 2.0	14.7	19
	Sialkot	000	0	0	20	00	99	00	0	943	83	0	0	0	0	0	75	96	...	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	+ 1	..	..	..	..	32
Rawal-pindi	Jhelum	030	9	8	13	14	97	02	2	940	86	5	5	6	2	/	79	87	000	2	8	13	03	97	02	6	975	80	5	5	6	2	/	74	81	—	—	10.9	—	19.2	—
	Islamabad	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Rawalpindi	000	0	8	09	03	98	02	2	928	87	8	4	6	0	0	77	91	198	9	8	11	02	97	63	6	975	76	8	5	6	0	0	76	76	— 4	0	5.4	— 7.0	15.5	36
	Campbellpur	...	..	..	..	..	...	...	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	..	..	..	..	..	
Sargo-dha	Khushab	000	0	8	09	//	97	03	2	914	86	2	2	9	4	0	82	96	000	0	8	09	11	9	08	9	976	82	8	2	8	0	0	80	81	— 4	— 1	0.7	— 5.4	4.1	15
	Sargodha	000	0	7	13	10	95	06	2	912	96	3	5	6	3	0	75	96	..	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	—	..	..	..	..	
	Lyallpur	000	0	0	00	00	96	00	0	913	91	0	0	9	0	0	72	96	000	6	4	16	02	97	07	7	960	82	4	0	8	0	0	79	81	— 2	0	2.6	— 2.3	5.6	12
Mul-tan	Sahiwal	...	..	..	..	..	...	...	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	..	..	..	..	..	10
	Multan	000	0	2	10	05	96	05	0	879	90	0	0	9	0	1	72	01	000	0	1	23	09	//	03	1	958	86	2	5	6	7	0	73	85	+ 2	+ 1	7.8	+ 4.8	10.9	7
	Lodhi	000	0	1	08	02	95	00	0	940	03	0	0	9	0	0	79	03	000	0	0	23	02	93	00	0	933	93	0	0	9	0	0	77	88	—	—	0.0	—	1.8	8
Baha-walpur	Khanpur	000	0	6	00	00	97	02	2	892	88	3	0	9	3	1	70	00	000	0	6	23	03	96	02	2	948	85	3	5	6	3	0	72	68	— 3	— 2	0.0	— 3.2	0.9	6
	Bahawalpur	000	0	1	00	00	95	00	0	918	88	0	0	9	0	0	76	00	000	0	1	00	00	97	00	0	970	85	0	0	9	0	0	72	85	— 1	+ 3	0.6	— 2.6	1.9	6
	Fort Abbas	000	0	0	23	02	98	00	0	901	10	0	0	9	0	0	94	10	311	0	2	23	04	98	00	2	955	87	2	0	9	0	0	73	76	0.0	—	0.8	8
Pesha-war	Chakdra	000	0	3	16	20	97	03	0	878	95	3	1	9	0	0	77	96	000	0	8	27	05	96	03	2	939	79	8	6	5	/	/	74	78	—	—	1.4	—	10.8	11
	Peshawar	000	0	3	09	05	96	06	1	863	03	/	1	6	0	1	75	64	030	0	8	31	00	97	02	2	853	80	6	6	4	2	/	74	79	+ 5	—	3.0	+ 0.7	11.7	
	Haripur	000	0	0	23	05	97	00	0	896	95	/	0	9	0	0	75	96	015	9	8	05	03	97	03	6	974	79	8	7	6	0	0	76	01	—	—	1.0	—	11.1	
D. I. Khan	Bannu	000	0	8	09	07	97	04	3	885	98	0	0	8	1	7	79	03	...	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	..	..	..	..	..	11
	D. I. Khan	000	0	0	00	03	98	00	0	887	98	0	0	9	0	0	79	04	030	0	0	00	00	98	00	0	956	87	0	0	9	0	0	79	83	+ 3	+ 2	1.3	— 2.1	3.7	9
Quetta	Sibi	000	0	0	18	03	97	02	0	908	07	0	0	9	0	0	58	68	000	0	0	18	03	97	02	0	959	87	0	0	9	0	0	58	81	—	—	0.2	—	0.2	5
	Nokkundi	000	0	3	01	16	95	05	0	870	08	0	0	9	0	0	52	09	000	0	0	31	17	96	02	0	914	91	0	0	9	0	0	//	88	—	—	0.0	—	0.3	2
Kalat	Turbat	...	..	..	..	..	...	...	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	..	..	..	..	..	
	Jiwani	000	0	5	18	09	96	03	/	932	85	3	0	9	6	2	75	87	000	0	3	03	05	96	01	0	953	81	3	6	5	0	0	78	78	—	—	0.0	—	2.0	5
	pasni	000	0	0	25	06	97	02	0	945	88	0	0	0	0	0	80	90	000	0	0	25	43	97	02	0	958	81	0	0	0	0	0	77	78	+ 1	+ 1	0.0	— 0.8	0.0	6
Karachi division	Ormara	000	0	6	23	05	96	01	1	959	86	/	6	6	0	0	79	86	000	0	4	00	00	96	84	4	965	82	4	6	6	0	0	79	//	—	/	0.0	— 0.7	0.6	6
	Lasbela	000	0	0	13	03	97	00	0	922	94	0	0	8	0	0	76	99	000	0	0	00	00	97	00	0	970	85	0	0	9	0	0	72	85	— 1	+ 3	0.6	— 2.6	1.9	6
	Karachi (Manora)	000	0	7	25	09	97	03	2	945	84	7	5	5	/	/	74	85	000	0	6	25	10	96	03	2	960	81	6	5	5	/	/	75	80	0	+ 1	1.0	— 3.3	1.1	8
	Karachi (Ariport)	000	0	7	27	10	96	02	2	942	85	7	6	5	/	/	73	86	000	0	8	23	02	96	03	2	966	81	4	6	5	2	0	75	79	—	—	1.5	—	1.5	
Hydera-bad	Nagarparker	000	0	6	23	02	97	02	0	989	92	6	6	6	0	0	70	95	...	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	—	..	..	..	..	
	Chhor	...	..	..	..	..	...	...	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	..	..	..	..	..	7
	Hyderabad	000	0	2	23	12	96	06	0	938	89	2	0	9	3	0	72	94	000	0	1	23	07	97	01	1	957	83	1	6	5	0	0	73	80	— 2	+ 1	0.2	— 3.8	0.3	9
	Badin	000	0	4	23	12	96	03	0	953	88	0	0	4	/	/	73	90	000	0	6	23	04	96	03	0	977	82	0	0	9	0	6	76	80	— 2	0	0.3	— 4.0	0.3	—
Khairpur	Padidan	000	0	2	23	05	96	03	0	881	05	0	0	9	0	1	72	05	000	0	0	13	03	97	02	0	942	82	0	0	9	0	0	72	78	—	—	0.8	—	0.8	4
	Nawabshah	000	0	6	18	16	96	06	2	903	99	0	0	9	2	5	73	03	001	0	0	13	07	96	01	0	945	83	0	0	9	0	0	74	78	—	—	1.0	—	1.1	
	Sukkur	000	0	7	23	03	96	03	2	889	01	7	0	9	6	0	81	03	000	2	6	23	05	96	03	1	953	83	6	0	9	1	0	73	79	—	—	0.0	—	0.9	4
	Kashmore	...	..	..	..	..	...	...	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	..	..	..	..	..	20
	Jacobabad	000	0	3	10	39	97	03	0	885	01	0	0	9	0	4	80	01	003	0	0	18	07	96	02	0	997	85	0	0	9	0	0	75	81	— 3	— 2	0.5	— 1.1	0.8	26
unagadh	Veraval	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Kashmir	HILL STATIONS																																								
	Srinagar **																																								71
	Gulmarg **																																								26
	Sonamarg **																																								
	Dras **																																								3
	Leh **																																								6
	Skardu **																																								—
	Misgar **																																								5
	Aliabad **																																								—
	Gilgit **																																								59
Rawalpindi	Murree **	005	3	9	13	03	90	61	6	414	68	9	/	0	/	/	//	73	116	9	9	09	03	90	52	2	411	64	9	/	0	/	/	62	65	+ 1	+ 8	9.8	— 9.8	27.5	18
Peshawar	Drosh **	...	..	..	..	..	...	...	..	..	..	..	..	..	..	..	..	...	000	0	3	00	00	96	05	4	382	86	3	/	7	0	0	67	81		+ 8	1.0	—	12.2	29
	Cherat **	...	..	..	..	..	...	...	..	..	..	..	..	..	..	..	..	...	013	8	8	18	05	92	51	5	408	70	8	6	3	1	0	70	//		/	2.3	— 3.7	11.7	
	Kakul **	000	0	7	23	09	96	05	2	474	82	7	5	4	0	0	72	87	202	0	8	27	02	95	52	2	495	74	8	3	3	/	/	78	69	—		10.2	—	21.0	
	Landikotal **	000	0	2	05	05	98	01	0	357	94	2	3	9	3	0	79	96	000	0	8	31	05	94	03	2	394	76	8	7	6	/	/	74	76	—	—	0.9	—	11.4	29
	Prachinar **	000	0	3	18	05	96	05	0	362	90	3	8	6	0	0	63	91	...	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	+ 6	..	..	..	..	13
D.I. Khan	Miranshah **	000	0	0	05	05	99	00	0	399	00	0	0	9	0	0	59	03	000	0	6	05	05	//	03	0	386	82	6	0	9	0	0	74	79	—	—	0.5	— 2.6	2.0	11
	Wana **	000	0	4	13	05	95	00	0	382	94	0	0	5	0	1	77	00	...	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	..	..	..	..	..	11
Quetta	Fort Sandeman **	000	0	1	23	03	97	03	0	336	02	1	1	7	0	/	36	05	000	0	1	05	02	97	01	0	386	82	1	1	7	0	0	69	80	+ 10	+ 6	1.4	— 1.8	5.7	
	Hindubagh **	000	0	0	20	03	97	32	0	3 6	92	0	0	9	0	0	63	98	000	0	0	00	00	97	02	0	415	76	0	0	9	0	0	64	62	—	—	2.7	—	6.0	9
	Loralai **	000	0	0	13	04	98	00	0	380	98	0	0	9	0	0	73	01	...	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	—	—	..	..	..	
	Barkhan **	...	..	..	..	..	...	...	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	..	..	..	..	..	14
	Harnai **	000	0	0	00	00	96	02	0	340	99	0	0	9	0	0	60	01	000	0	0	00	00	96	02	0	354	85	0	0	9	0	0	69	//	—	/	0.8	— 3.7	2.6	9
	Samungli (Quetta) **	003	0	0	27	05	96	02	0	353	99	0	0	9	0	0	70	02	000	0	0	00	00	96	05	0	395	73	0	0	9	0	0	57	65	—	—	0.5	— 0.4	3.1	8
	Chaman **	000	0	0	23	02	97	00	0	369	03	0	0	9	0	0	59	04	000	0	0	09	//	97	01	0	387	87	0	0	9	0	0	52	79	+ 4	+ 4	2.1	— 2.0	4.8	—
	Nushki **	000	0	0	00	00	97	02	0	450	//	0	0	9	0	0	77	06	000	0	0	00	03	97	02	0	461	92	0	0	9	0	0	74	78	—	—	1.0	—	2.6	4
	Dalbandin **	000	0	0	31	02	96	02	0	366	09	0	0	9	0	0	81	10	000	0	0	31	03	96	02	0	377	84	0	0	9	0	0	35	78	+ 2	+ 5	0.0	— 0.2	0.5	7
Kalat	Kalat **	000	0	0	31	02	97	02	0	350	90	0	0	9	0	0	36	93	000	0	1	06	02	97	02	0	386	75	0	0	9	0	0	35	62	+ 3	+ 8	0.8	— 0.1	2.2	
	Khuzdar **	000	0	3	23	02	97	03	0	347	04	0	0	9	3	0	22	05	...	..	..	..	..	...	...	..	...	...	..	..	..	..	..	..	..	—	—	..	..	..	5
	Panjgur **																																								—

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 7th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV w_w W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_gt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_w$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface (PoPoPo ToToTo DoDo)	1000 mb (hhh TTa DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	995 278 08	...	408 200 00	069 130 16	581 013 15	753 103 56	971 261 56	252 467 / /	...	...	...	...	...
Dacca ...	00 00	995 207 20	...	360 204 27	049 126 47	590 031 34	754 119 49	970 255 3	252 485 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...		MISDA												
Multan ...	00 00	981 300 57	...	350 170 / /	990 084 / /	570 045 / /	959 235 / /	249 331 / /	...	...	...	...	...	...
Peshawar ...														
Quetta ...														
Sargodha ...	00 00	985 025 04	...	34	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. (PPP TT T_a DD)									Max. Wind Speed (PmPmPm dmdm fmfmfm)	TROPOPAUSE ($P_cT_cP_cT_cT_cI_{ac}$)	(dt dt ft ft ft)
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 224 00	820 178 00	600 068 76	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 /03 05	890 174 24	600 050 50	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...		MISDA											
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...													
Quetta ...													
Sargodha ...	00 00	...	...	...	..	..	...	..	...	...	...	...	...

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T† of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	140 14	150 14	155 10	155 07	135 08	..	..	..	...	...	...	...	...	...	...	105 11	105 10	105 55	..	100 17	...	...	...	...	...	...
Chaklala ...		145 23	130 13	140 07	...	...	...	...	...																	
Chhor ...	215 17	225 19	225 22	...	...	...	...	...	...	220 31	225 27	215 21	165 12	...	...	215 07	220 16	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	130 22	140 20	160 23	...	...	...	...	...	...	...	...
Cox's Bazar ...	145 50	145 15	145 15	150 7/	150 01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	150 11	155 11	155 11	140 10	155 09	140 12	...	...	...	085 15	080 12	075 17	...	030 17	...	090 07	105 04	...	...	...	...	...	...	...	...	...
Dalbandin ...			090 05	185 11	170 11	025 11	010 05	340 12	330 07	...	...	330 02	320 05	325 03	075 09	...	...	135 01	170 04	190 08	175 05	170 06	160 09	290 03	...	...
D. I. Khan ...	191 01	160 11	...	125 16	...	...	...	...	...	081 38	105 15	160 07	010 07	227 / /	...	085 08	135 05	095 02	120 04	110 10	...	...	...	...	...	...
Drosh ...	...	...	...	080 12	750 04	035 14	010 02	...	...	...	...	...	225 04	235 04	350 11	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	290 05	315 05	350 06	310 02	295 10	280 14	...	...	...	020 04	125 04	240 03	...	...	...	255 03	205 04	220 04	300 04	325 09	340 16	...	...
Jacobabad ...	180 21	140 08	200 11	200 10	109 05	160 15	331 58	300 12	325 16	130 21	160 13	100 04	040 04	220 04	205 03	155 07	125 06	055 05	055 07	025 12	040 09	025 02	345 22	310 17	...	...
Jessore ...	115 07	135 07	155 08	400 08	125 09	115 08	...	...	...	045 10	040 10	030 11	050 51	065 12	085 15	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	130 15	130 13	135 15	...	150 15	...	...	...	...	190 10	105 13	135 09	170 50	180 06	...	110 06	110 10	120 13	155 07	205 11	...	...	...	...	...	...
Jiwani ...	180 07	865 06	265 05	860 03	330 14	350 15	345 07	...	...	135 04	245 08	...	...	...	...	100 15	270 03	270 01	301 37	310 11	315 09	501 9/	315 09	005 20	...	...
Karachi ...	245 12	250 12	...	...	...	...	...	...	...	260 13	260 13	...	...	...	...	245 07	240 12	...	...	...	...	...	...	...	...	...
Khanpur ...	215 10	251 22	220 14	215 18	230 18	265 21	260 17	261 05	...	215 12	205 12	210 13	235 18	265 17	280 15	200 10	185 10	190 13	150 13	120 15	...	...	...	...	...	...
Lahore ...	105 12	120 16	130 18	160 13	...	...	...	...	...	145 08	180 10	180 03	040 03	345 05	...	130 08	140 04	195 04	135 20	...	...	...	...	...	...	...
Multan ...	175 12	075 12	175 15	160 12	055 03	351 10	355 23	...	...	210 29	220 30	030 08	100 02	355 06	355 10	180 17	190 12	175 17	170 14	175 04	...	...	...	...	...	...
Nawab Shah ...	200 37	205 27	240 13	005 14	030 15	010 15	...	...	...	200 16	200 06	0.0 03	310 05	310 09	350 07	240 07	315 07	015 05	010 07	350 09	008 / /	330 07	005 10	335 12	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	160 21	160 13	170 12	175 06	275 08	335 21	360 15	...	...	330 04	265 03	220 06	270 07	305 10	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	No	Ascent	...	...	..	...	...	...	...	No	Ascent	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Sargodha ...	110 12	125 12	133 13	155 14	190 71	...	...	...	...	075 09	095 10	110 11	140 10	...	...	085 07	130 07	...	...	...	...	...	...	...	...	...
Sylhet ...	320 03	310 03	230 02	...	135 04	...	...	...	...	...	...	...	...	...	...	135 03	085 09	085 15	100 21	095 17	190 26	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...																		
Peshawar ...																		
Quetta ...																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

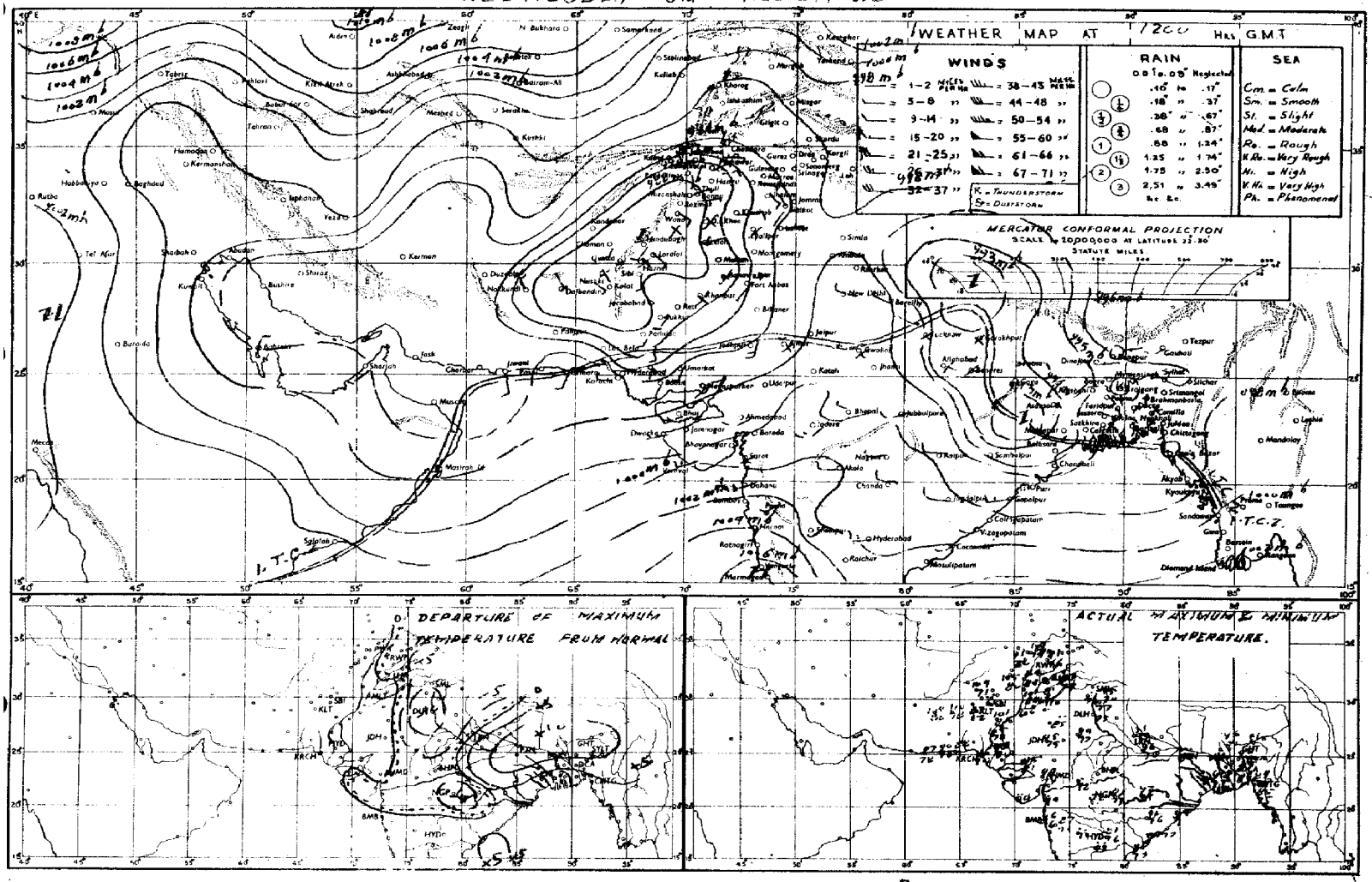
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

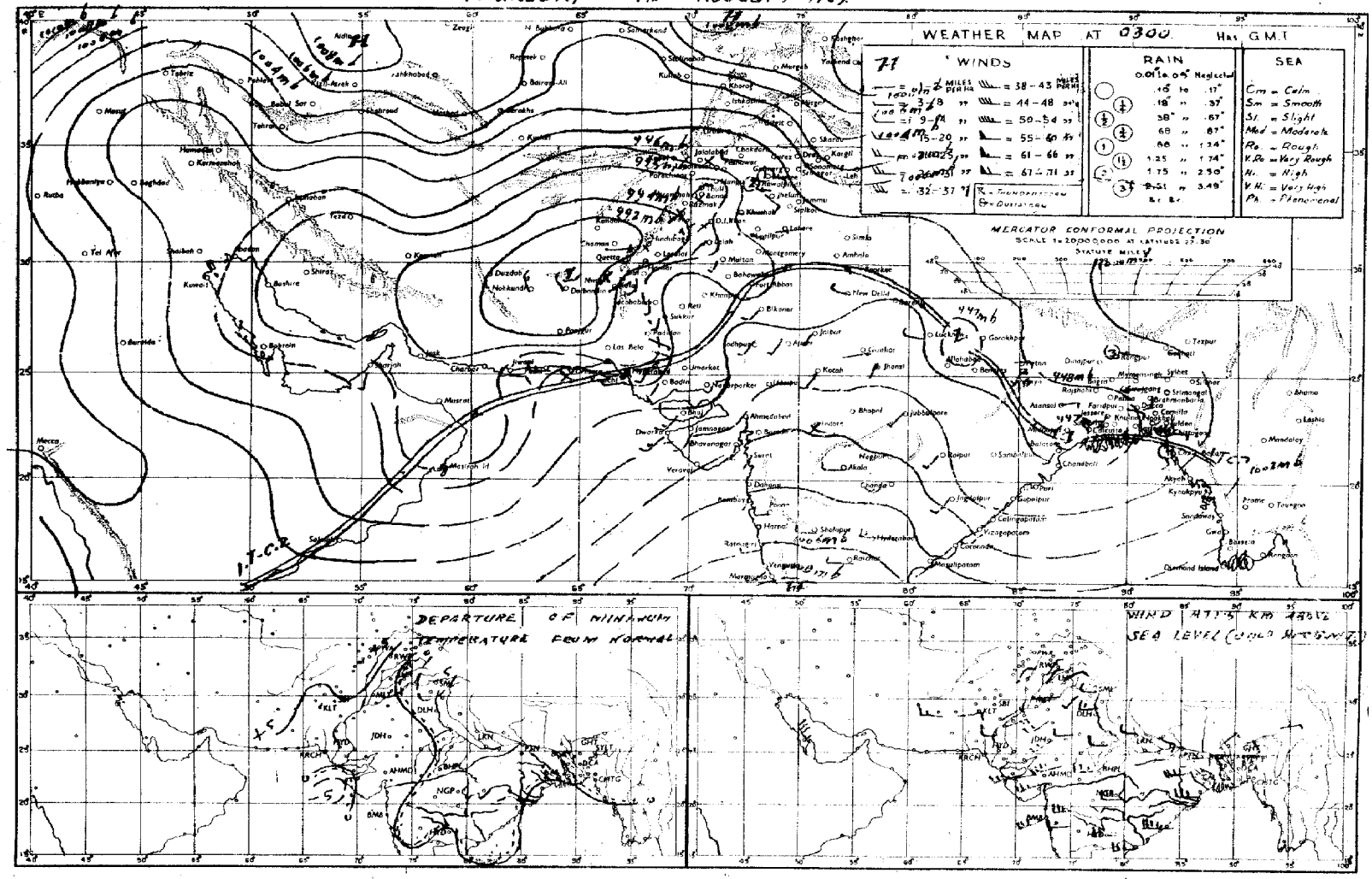
WEDNESDAY 6th AUGUST, 1969



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 7th AUGUST, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 8th AUGUST 1969.

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

Observations are lacking but believe yesterdays low pressure area over gangetic West Bengal has concentrated into a land depression centred at 0803000 G.M.T. about 30 miles south east of Calcutta. It is likely to intensify and move northwest wards. Local rain/thundershowers have occurred in Chittagong and fairly widespread in Khulna division and scattered in Dacca division shallow incursion of monsoon easterlies continues in the northern division of West Pakistan. The seasonal trough of low pressure now lies over Khairpur division under their influence local rain/thundershowers have occurred in Rawalpindi, Peshawar division light rain/thunderstorms have also occurred at a few places in Bahawalpur and north Quetta division respectively.

Chief amounts of rainfall are; Cox's Bazar 2", Cherat and Maijdee Court, Haripur, Chittagong and Khulna 1" each Sylhet, Murree 2", Rangamati (upto 12,000Z) and Kakul 3/4" each, Satkhira, Barisal, Faridpur, Sirajganj, Rawalpindi and Chakdara ¼" each.

Day temperatures were 3—5 °F (2—3 °C) above normal in East Pakistan and in D. I. Khan and Karachi divisions and 6—8 °F (3—4 °C) so in Lahore, Sargodha, Peshawar, Quetta and Kalat divisions and were 3—8 °F (2—4 °C) below normal in Rawalpindi, Multan, Bahawalpur and Khairpur divisions.

Forecast valid until the evening of 9th August 1969 :—Fairly widespread rain/thundershowers with locally heavy falls are likely to occur in East Pakistan, local in Rawalpindi division and Kashmir and scattered in Quetta, D. I. Khan, Lahore, Sargodha, Multan and Peshawar divisions.

Karachi-11
The 8th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 deg. true	Wind speed in Knots	Horizontal visibility †	Present 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 from †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths) °	Dry Bulb temperature	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	h	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 **	078	5	7	18	05	58	60	2	976	81	5	3	5	7	/	77	87	078	0	7	18	09	98	21	2	998	82	5	3	5	7	/	76	78	—	—	52.6	—	59.1	—
	Cox's Bazar ...	047	4	8	13	10	//	61	6	982	29	3	6	4	6	/	77	//	255	1	8	18	18	96	63	6	994	80	6	7	3	2	0	77	76	—	—	46.7	—26.8	54.4	140
	Chittagong ...	041	7	8	13	14	96	69	6	962	80	6	7	3	2	0	80	83	116	9	7	13	17	96	21	6	983	80	7	7	3	3	1	77	76	— 2	0	23.0	—24.0	76.2	108
	Maijdee Court ...	009	0	8	13	09	96	03	2	947	85	5	5	2	0	0	77	86	100	9	8	16	09	97	03	6	965	80	5	5	4	2	1	77	77	— 0	—	77.2	+26.5	89.2	115
	Comilla ...	010	3	3	18	05	96	02	1	954	85	3	4	3	2	0	77	86	019	0	4	18	05	96	01	1	974	83	4	4	3	0	0	76	76	+ 3	—	53.1	+13.8	72.3	94
	Brahmanbaria ...	000	0	6	13	05	97	03	/	953	84	6	5	5	0	0	79	90	000	0	6	13	07	97	03	1	980	85	6	5	5	0	0	77	80	—	—	28.9	— 0.8	38.5	78
	Sylhet ...	000	0	8	00	00	97	02	2	947	90	5	3	4	0	3	78	91	042	2	7	09	03	97	01	2	982	84	3	5	5	2	1	78	78	—	—	64.2	—	101.1	—
	Srimangal **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	064	9	3	09	04	96	04	9	992	85	0	9	7	2	1	77	77	—	+ 1	41.5	+ 5.2	63.6	98
Dacca	Mymensingh ...	000	0	4	00	00	97	01	1	952	87	4	5	5	0	0	79	90	000	0	4	13	05	//	//	/	988	86	4	5	4	0	0	77	80	—	—	32.1	— 5.3	47.3	91
	Narayanganj ...	000	0	8	13	05	96	03	2	950	86	6	6	4	3	1	77	86	000	0	1	31	05	97	01	2	969	85	6	5	4	3	1	78	78	+ 2	+ 2	24.8	— 3.8	48.3	74
	Dacca (Tezgaon) ...	000	0	6	18	05	97	02	2	947	85	5	5	4	4	0	78	93	021	2	8	13	09	97	01	6	971	85	6	5	4	3	1	78	78	— 1	— 1	24.8	— 3.8	48.3	74
	Faridpur ...	010	0	7	11	02	96	21	2	959	90	6	5	4	1	0	78	90	023	8	8	16	07	97	01	6	960	82	7	4	5	1	0	78	80	— 3	+ 1	22.1	— 6.9	39.3	71
Khulna	Barisal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	020	—	8	13	05	96	02	5	956	81	7	8	4	2	0	80	78	—	0	31.1	— 4.3	41.1	81
	Khulna ...	035	1	4	00	00	97	03	0	991	85	2	2	4	0	0	85	91	120	4	0	00	00	97	08	0	941	82	2	4	0	0	0	91	8	+ 4	0	24.0	— 6.2	30.2	68
	Satkhira ...	055	0	6	18	01	97	00	1	996	82	2	3	3	2	0	80	90	030	0	6	18	00	97	01	0	996	82	2	3	3	0	1	80	78	+ 2	0	17.9	—10.8	23.2	65
	Jessore ...	039	8	7	04	02	97	02	6	940	85	4	3	3	0	8	80	90	020	5	8	09	10	96	61	6	945	83	6	6	2	2	/	78	78	—	—	24.4	— 3.0	33.8	65
Rajshahi	Pabna ...	000	0	2	09	05	99	01	1	940	87	0	0	1	0	1	78	91	000	9	7	09	09	97	03	9	959	82	5	5	5	7	0	77	80	—	—	23.7	—	37.4	59
	Sirajganj ...	000	0	6	00	00	97	02	2	948	87	6	0	7	6	0	78	90	042	9	8	09	03	97	03	2	907	82	8	0	7	1	0	76	78	+ 3	— 1	23.7	— 3.2	30.3	64
	Rajshahi ...	000	0	4	09	02	96	03	1	949	87	2	5	5	0	8	79	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					
	Bogra ...	000	0	7	13	03	96	02	2	945	90	5	4	4	0	2	78	91	030	0	6	09	07	96	03	2	972	85	5	5	4	7	0	77	//	+ 3	/	13.8	—15.2	29.8	69
	Dinajpur ...	000	9	4	06	05	96	01	1	948	88	4	0	9	2	/	80	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	/				72
	Rangpur ...	000	0	6	00	00	96	03	1	960	86	6	0	9	2	0	78	93	004	8	6	13	05	96	03	6	004	85	6	0	9	2	0	78	78	+ 4	0	44.5	+ 7.5	63.1	84
Kashmir	Jammu ...																																							
Lahore	Lahore (Jail Rd.) ...	000	0	7	09	00	96	02	5	931	91	3	5	6	7	0	78	93	000	0	8	00	00	96	03	/	949	84	3	5	5	2	1	81	81	— 5	+ 2	10.1	+ 1.7	14.7	19
	Sialkot ...	000	0	0	00	00	97	00	0	938	95	0	0	9	0	0	87	09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 14				32
Rawalpindi	Jhelum ** ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	8	7	00	00	97	01	6	654	84	5	5	6	1	0	81	81			11.0	—	19.2	—
	Islamabad ...																																							
	Rawalpindi ...	033	7	8	00	00	98	02	6	941	80	8	4	7	0	0	76	80	033	1	8	00	00	97	21	2	955	81	8	5	6	0	0	77	75	— 15	— 1	5.7	— 7.0	15.6	36
	Campbellpur ...																																							
Sargodha	Khushab ...	000	0	8	09	05	97	03	2	945	90	6	2	8	4	0	85	90	000	0	7	09	11	95	02	2	942	86	5	3	8	4	0	82	81	— 10	+ 3	0.7	— 5.5	4.1	15
	Sargodha ...	000	0	8	13	05	95	06	2	931	87	4	3	8	4	0	78	91	000	0	3	05	02	95	06	1	950	86	0	0	9	3	1	81	82	—	—	19.2	—	13.8	—
	Lyallpur ...	000	0	4	26	02	96	02	0	959	90	4	0	8	0	0	70	95	030	0	0	00	00	96	00	0	928	87	0	0	9	0	0	75	84	+ 5	+ 3	2.6	— 2.4	5.5	12
Multan	Sahiwal ...																																							10
	Multan ...	000	0	6	18	05	97	02	2	933	91	2	5	6	7	0	76	93	000	0	4	23	07	96	01	2	948	90	2	0	9	4	0	75	84	— 6	— 0	7.8	+ 4.7	10.9	7
	Lailah ...	000	0	0	23	02	95	00	0	920	02	0	0	9	0	0	80	02	000	0	0	22	02	93	02	0	951	87	0	0	9	0	0	77	84	—	—	0.0	—	0.9	8
Bahawalpur	Khanpur ...	000	0	7	00	00	97	03	2	817	96	4	9	6	7	0	70	00	000	0	4	23	03	96	02	5	945	87	2	0	9	4	0	75	84	— 6	+ 2	0.6	— 2.6	1.8	6
	Bahawalpur ...	000	6	9	00	00	94	05	8	933	93	0	0	9	1	0	91	95	000	0	0	00	00	96	00	0	937	90	0	0	9	0	0	75	84	— 3	—	0.0	— 3.3	1.0	6
	Fort Abbas ...	///	/	0	00	00	98	00	0	914	98	0	0	9	0	0	86	98	///	/	0	23	///	98	00	0	965	91	0	0	9	0	0	77	84	— 6	+ 2	0.6	— 2.6	1.8	6
Peshawar	Chakdra ...	000	0	7	36	02	97	02	5	936	83	7	5	7	0	0	73	85	024	3	8	00	00	96	61	6	941	77	8	5	6	/	/	73	75	—	—	2.4	—	11.8	—
	Peshawar ...	000	0	7	31	05	97	02	2	933	85	/	/	3	2	0	78	85	030	0	5	31	03	96	04	2	955	84	2	5	6	3	0	77	79	— 14	— 0	3.2	+ 0.7	11.8	11
	Haripur ...	000	6	5	18	03	97	03	0	963	85	5	0	9	6	2	67	96	111	3	6	05	03	97	03	2	963	82	6	7	6	0	0	79	75	—	—	1.8	—	12.0	—
D. I. Khan	Bannu ...	000	0	7	11	02	97	06	2	919	91	1	1	8	9	1	76	95	000	0	5	01	01	98	02	2	943	86	2	2	7	3	0	79	81	—	—	0.5	—	4.3	11
	D. I. Khan ...	000	3	8	05	05	97	02	0	918	95	0	0	9	0	0	80	04	000	0	0	00	00	98	00	0	948	84	0	0	9	0	0	72	84	+ 3	+ 2	1.3	— 2.2	3.7	9
Quetta	Sibi ...	000	0	0	18	03	97	02	0	908	05	0	0	9	0	0	52	06	000	0	0	18	03	97	02	0	962	92	0	0	9	0	0	59	87	—	—	0.2	—	0.2	5
	Nokkundi ...	000	0	0	30	15	96	02	0	864	10	0	0	9	0	0	58	11	000	0	0	31	16	97	02	0	964	90	0	0	9	0	0	29	85	—	—	0.0	—	0.3	2
Kalat	Turbat ...																																							12
	Jiwani ...	000	0	/	18	12	96	01	0	///	//	/	/	/	/	/	75	87	000	0	6	13	04	96	01	2	973	82	4	6	6	0	0	76	82	—	—	0.0	—	2.0	5
	pasni ...	000	0	0	11	02	97	02	0	958	87	9	0	9	0	0	83	88	090	0	0	13	02	97	02	0	971	82	0	0	9	0	0	76	82	—	—	0.0	— 0.8	0.0	6
Karachi division	Ormara ...	000	0	1	18	07	96	02	2	959	87	1	6	6	0	0	83	89	000	0	3	27	07	96	04	4	981	84	3	6	6	0	0	80	18	—	—	0.0	— 0.7	0.6	6
	Lasbela ...																																							8
	Karachi (Manora) ...	000	0	6	25	09	97	03	2	952	85	6	6	4	0	0	76	88	000	0	7	27	09	96	03	2	978	82	7	6	4	/	0	76	81	+ 3	+ 2	1.0	— 3.4	1.1	8
	Karachi (Ariport) ...	000	0	7	27	14	96	03	2	952	85	7	6	5	0	0	73	89	000	0	7	27	18	96	02	2	963	82	7	6	5	0	0	73	80	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker ...	000	0	6	23	02	97	01	0	998	93	6	6	6	0	0	71	95	000	0	6	23	02	97	03	0	030	81	6	6	0	0	0	75	88	—	—	0.1	—	0.1	—
	Chhor ...	030	0	5	23	10	96	03	2	938	//	5	6	5	0	0	73	93	000	0	8	23	19	96	02	1	963	82	5	6	5	2	1	73	80	—	—	0.2	—	0.3	7
	Hyderabad ...	000	0	1	23	09	97	02	0	933	93	0	0	9	0	1	73	98	000	0	8	23	09	97	03	2	955	83	6	0	9	2	0	73	81	+ 2	+ 2	0.2	— 3.8	0.3	9
	Badin ...	000	0	8	23	08	96	03	0	963	91	0	0	8	0	8	75	92	000	0	6	23	06	96	03	2	976	82	0	0	9	0	0	76	80	0	0	0.3	— 4.2	0.3	—
Khairpur	Padidan ...	000	0	2	05	03	97	03	0	914	02	2	0	9	3	0	71	05	000	0	4	09	05	97	03	1	948	86	4	0	9	1	0	73	81	—	—	0.8	—	0.8	—
	Nawabshah ...	000	0	2	00	00	96	03	1	921	03	0	0	9	3	0	74	04	000	0	8	13	05	96	02	2	948	83	8	0	9	1	0	74	82	—	—	1.0	—	1.1	4
	Sukkur ...	000	0	7	23	02	96	03	0	914	01	7	0	9	3	0	77	04	000	9	7	13	05	96	03	2	941	85	7	0	9	1	0	75	82	—	—	0.0	—	0.0	—
	Kashmore ...	000	0	4	18	03	98	03	0	930	96	0	0	9	4	0	77	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				4
	Jacobaba ...	000	0	3	18	07	97	03	0	913	98	1	0	9	3	2	79	99	000	0	4	18	07	96	01	1	947	97	1	0	9	3	1	70	83	— 5	0	0.4	— 1.2	0.8	10
unagadh	Veraval ...																																							26
	HILL STATIONS																																							—
Kashmir	Srinagar ** ...																																							71
	Gulmarg ** ...																																							26
	Sonamarg ** ...																																							—
	Dras ** ...																																							3
	Leh ** ...																																							4
	Skardu ** ...																																							—
	Misgar ** ...																																							5
	Aliabad ...																																							—
	Gilgit ** ...																																							59
Rawalpindi	Murree ** ...	025	4	9	13	02	90	59	6	388	67	9	/	0	1	1	67	67	068	2	/	//	//	93	10	5	904	96	4	0	9	6	4	91	53	— 5	—	9.4	—11.0	27.0	18
Peshawar	Drosh ...	000	0	2	23	12	96	05	4	324	98	2	2	7	0	0	56	04	000	5	3	00	00	98	01	4	388	85	2	7	4	0	0	73	//	—	/	1.0	—	12.2	29
	Cherat ...	117	6	8	18	01	92	02	6	386	73	8	7	1	0	0	73	73	117	9	8	18	02	97	02	2	411	73	8	7	7	1	0	73	67	+ 8	— 7	1.0	—	12.2	—
	Kakul ...	017	3	8	31	05	55	60	6	399	73	8	7	3	1	0	70	78	085	3	6	31	02	93	61	6	401	73	8	7	2	1	0	73	//	—	/	3.4	— 2.7	12.7	—
	Landikotal ...	000	0	6	31	05	98	03	2	388	82	6	7	6	1	0	78	85	000	0	6	31	05	98	03	2	396	71	6	7	7	/	/	73	73	—	—	4.2	—	19.8	—
	Prachinar ...	000	0	5	16	07	96	05	1	378	82	5	3	6	0	0	68	86	000	0	5	03	00	96	05	1	435	74	5	5	6	3	0	69	//	+ 1	/	0.8	—	11.4	29
D.I. Khan	Miranshah ...	000	0	6	05	05	96	02	0	379	91	6	0	9	0	0	72	93	000	0	5	05	05	99	00	0	399	82	0	0	9	0	0	73	77	—	—	0.8	—	14.7	13
	Wana ** ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	5	00	00	99	00	0	418	80	0	0	9	0	0	73	77	—	—	0.5	— 2.7	2.0	11
Quetta	Fort Sandeman ** ...	000	0	6	05	14	97	17	1	347	99	4	9	7	3	0	51	01	000	0	3	09	03	96	03	1	384	81	3	0	9	0	0	76	77	—	—	0.8	—	3.7	11
	Hindubagh ...	000	0	2	23	03	97	02	0	361	98	0	0	9	0	0	67	01	000	0	0	27	02	97	02	0	422	62	0	0	9	0	0	69	77	+ 6	+ 3	1.4	— 2.0	5.7	—
	Loralai ...	000	0	8	13	02	98	01	0	380	92	0	1	8	0	0	67	97	030	0	4	13	02	98	01	0	400	72	0	1	8	0	0	54	62	—	—	2.7	—	6.0	9
	Barkhan ** ...																																							—
	Harnai ** ...	000	0	0	00	00	96	02	0	340	99	0	0	9	0	0	60	01	000	0	0	00	00	96	02	0	354	85	0	0	9	0	0	70	77	—	—	0.6	—	0.6	—
	Samungli (Quetta) ** ...	000	0	2	27	09	96	05	0	347	02	2	3	6	0	0	79	04	000	0	0	00	00	96	05	0	399	79	0	0	9	0	0	69	81	—	—	0.8	— 3.8	2.6	14
	Chaman ** ...	000	0	0	27	03	97	00	0	349	04	0	0	9	0	0	66	05	030	0	0	13	03	97	00	0	384	91	0	0	9	0	0	67	81	—	—	0.5	— 0.4	3.1	9
	Nushki ** ...	000	0	0	00	00	96	05	0	452	06	0	0	9	0	0	71	07	000	0	0	23	03	95	05	0	440	90	0	0	9	0	0	67	83	+ 5	+ 6	2.1	+ 2.0	4.8	—
	Dalbandin ** ...	000	0	0	23	05	96	02	0	376	09	0	0	9	0	0	36	11	000	0	0	00	00	90	00	0	960	20	3	8	4	8	2	//	80	+ 3	+ 7	0.0	— 0.2	0.5	4
Kalat	Kalat ** ...	000	0	0	31	02	97	02	0	357	90	0	0	9	0	0	52	96	000	0	0	13	01	97	02	0	399	76	0	0	9	0	0	45	67	+ 6	+ 12	0.0	— 0.1	2.2	—
	Khuzdar ** ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	3	27	03	96	03	0	386	82	3	5	6	0	0	64	81	—	—	1.6	—	3.0	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 ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 8th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_at_R	8$N_sC_hh_s$	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
ARABIAN SEA														
Amoria	99 2 15	10 6 69	18 0 63	72 5 18	97 0 27	21 7 81	76 3 00	62 0 07	...	...	0 / / 27	17 1 83	...	...
Amoria	99 2 25	10 6 43	07 1 83	82 3 15	97 0 21	97 8 80	52 3 00	63 0 13	...	...	0 / / 76	18 1 82	...	...
Amoria	99 2 35	10 6 74	07 1 83	82 2 11	97 0 22	98 2 27	86 5 / /	33 2 13	...	...	05 0 25	...	...	...
Dumra	99 1 29	10 6 86	07 1 23	72 3 18	97 0 22	96 8 27	75 5 / /	...	73 6 13	...	00 1 25	...	30 2 02	25 5 03
Dumra	99 2 49	10 6 47	06 1 83	31 9 03	98 0 11	96 6 28	36 5 / /	23 2 18	...	...	05 2 26	...	30 1 01	19 5 02
Dumra	99 2 28	10 6 38	07 1 23	62 6 24	97 0 32	95 4 81	68 4 50	-3 6 15	...	...	05 2 74	...	30 5 03	23 7 05
Bombala	99 2 47	10 5 95	06 1 84	01 2 12	98 0 10	96 2 87	00 9 00	23 2 10	...	...	05 5 83	...	30 4 01	12 6 02
Bombola	99 2 18	10 5 99	07 0 63	12 0 55	97 0 20	96 3 23	00 9 05	43 2 20	...	...	0 / / 21	12 8 61	30 8 07	19 0 10
Chevronanthem	99 2 07	10 5 94	07 1 23	32 1 36	87 8 30	95 9 72	00 9 09	53 4 00	...	...	0 / / 20	12 1 18	30 9 08	/ / / /
Cheverarhen	99 2 21	10 6 57	07 1 83	82 3 24	97 0 32	98 8 / /	37 4 2/	33 2 24	...	...	05 2 75	...	30 5 07	23 8 06
Mombasa														

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$_{mb}$
		PoPoPo ToTo To DoDo	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	995 254 03	...	410 180 02	044 096 18	577 029 32	750 139 56	964 273 58	242 507 / /	...	...	...	...	...
Dacca ...			...											
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	MISDA												
Multan ...	00 00	980 302 50	...	320 180 40	939 100 20	565 095 75	735 171 / /	947 245 / /	234 335 / /	...	...	...	...	...
Peshawar ...	00 00	955 265 15	...	035 235 10	044 157 24	572 023 / /	759 077 / /	967 233 / /	261 415 / /	...	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed	TROPOPAUSE
											PmPmPm dmdm fmfmfm	P$_t$T$_t$P$_t$T$_t$T$_t$T$_{at}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 196 00	800 142 5/	600 040 33	...	...	...	...	...	...	...	...	...
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...													

PPP—Pressure in hunderds tens and units of millibars,
DD—Daw 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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date(dd fff)						At 0600 hrs. G.M.T. † of Previous day (dd fff)									
	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	3.4	5.4	5.4	6.0	7.2	0.9
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	115 12	125 10	100 09	...	100 / /	...	...	...	...	100 18	100 24	092 3	095 23	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	070 02	150 02	230 03	250 03	...	...	...	...	...	095 06	120 04	252 03	...	...	...	140 04	150 03	245 06	300 12	...	...	...	...	...	...
Chhor ...	915 23	221 16	220 16	...	...	...	...	...	...	220 23	225 25	240 18	...	...	...	220 17	210 16	...	...	...	...	...	...	...	...	...
Chittagong ...	155 19	155 26	155 31	150 30	...	...	...	...	...	...	...	...	...	...	...	145 17	150 22	155 27	...	...	...	...	...	...	...	...
Cox's Bazar ...	165 30	155 35	150 35	...	...	...	...	...	...	180 28	180 31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	125 17	125 15	120 19	115 19	105 21	...	...	...	...	100 33	095 27	100 24	...	115 18	...	...	...	240 04	310 05	290 05	195 11	320 08	160 18	175 15	...	...
Dalbandin ...	...	...	270 07	245 11	260 13	215 05	280 04	090 04	275 06	...	...	240 01	345 08	331 08	350 13	...	...	...	...	...	...	...	020 01	...	...	...
D. I. Khan ...	050 07	110 12	125 09	200 09	...	...	...	...	...	130 08	155 08	190 07	165 08	155 22	...	135 04	160 06	180 06	165 07	...	180 11	...	020 01	...	...	...
Drosh ...	...	...	...	225 12	210 09	215 07	335 06	340 14	350 13	...	...	...	215 06	210 06	165 03	...	...	...	240 10	210 02	260 03	265 10	010 04	005 05	...	...
Fort Sandeman ...	...	...	...	275 01	035 01	315 01	300 03	...	...	...	...	...	030 09	030 05	185 03	...	...	...	323 01	290 01	305 04	325 12	335 13	315 08	...	...
Jacobabad ...	140 07	125 06	110 07	075 07	005 10	350 11	025 04	060 09	070 14	130 12	125 08	075 07	220 06	250 05	240 58	140 12	130 12	130 13	130 12	085 06	310 24	345 29	360 25	360 17	...	...
Jessore ...	100 12	090 15	095 18	095 22	085 22	095 19	...	...	...	...	...	...	...	...	...	125 06	145 07	150 06	295 09	315 15	...	...	...	...	...	...
Jhelum ...	140 01	115 04	120 05	285 06	260 07	295 08	...	...	...	100 04	175 04	275 04	255 08	...	...	120 10	070 03	270 10	...	...	...	...	...	...	...	...
Jiwani ...	145 05	153 02	335 04	310 09	220 12	300 15	130 15	315 04	...	215 12	100 03	...	...	...	...	260 10	265 15	275 17	...	...	...	...	...	...	...	...
Karachi ...	7 5 11	240 13	...	...	...	...	...	...	...	265 12	265 15	270 15	...	...	...	190 15	195 19	200 20	200 19	205 21	150 20	060 09	025 12	320 07	...	...
Khanpur ...	180 08	180 09	170 14	150 11	140 09	145 21	135 21	...	...	085 12	175 13	165 15	055 15	...	...	100 06	160 04	175 01	275 02	335 08	345 10	...	...	...	...	...
Lahore ...	045 01	055 01	145 04	230 04	335 01	...	...	...	...	170 06	150 16	210 50	250 06	280 07	...	215 13	205 16	195 18	185 15	170 17	175 10	320 12	355 01	350 25	...	...
Multan ...	165 10	170 08	145 07	070 04	015 06	...	...	...	...	140 13	150 15	150 15	120 04	065 08	135 05	170 14	155 04	090 07	322 85	335 17	325 05	...	...	...	...	...
Nawab Shah ...	205 03	225 01	240 01	310 05	345 06	340 12	325 12	305 16	295 20	230 14	225 09	265 10	305 10	330 14	340 16	...	...	...	...	...	...	...	...	...	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	345 06	...	...	...	...	...	...	...	...	030 12	325 06	230 10	300 13	310 14	No	010 04	265 01	...	140 03	...	...	...	...	...	...
Quetta ...	...	No	Ascent	...	...	...	...	...	...	...	No	Ascent	...	...	...	Ascent	...	...	...	...	...	...	...	...	...	...
Sargodha ...	850 / /	130 06	165 03	255 08	320 03	360 15	290 10	...	...	125 04	200 07	200 10	050 02	335 02	220 13	090 04	160 03	215 05	250 06	230 07	345 10	...	...	...	...	...
Sylhet ...	250 02	235 09	120 13	251 5/	130 16	...	...	...	...	/51 18	130 20	...	...	...	...	130 07	140 06	155 11	140 21	135 17	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...																		
Peshawar ...																		
Quetta ...																		

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

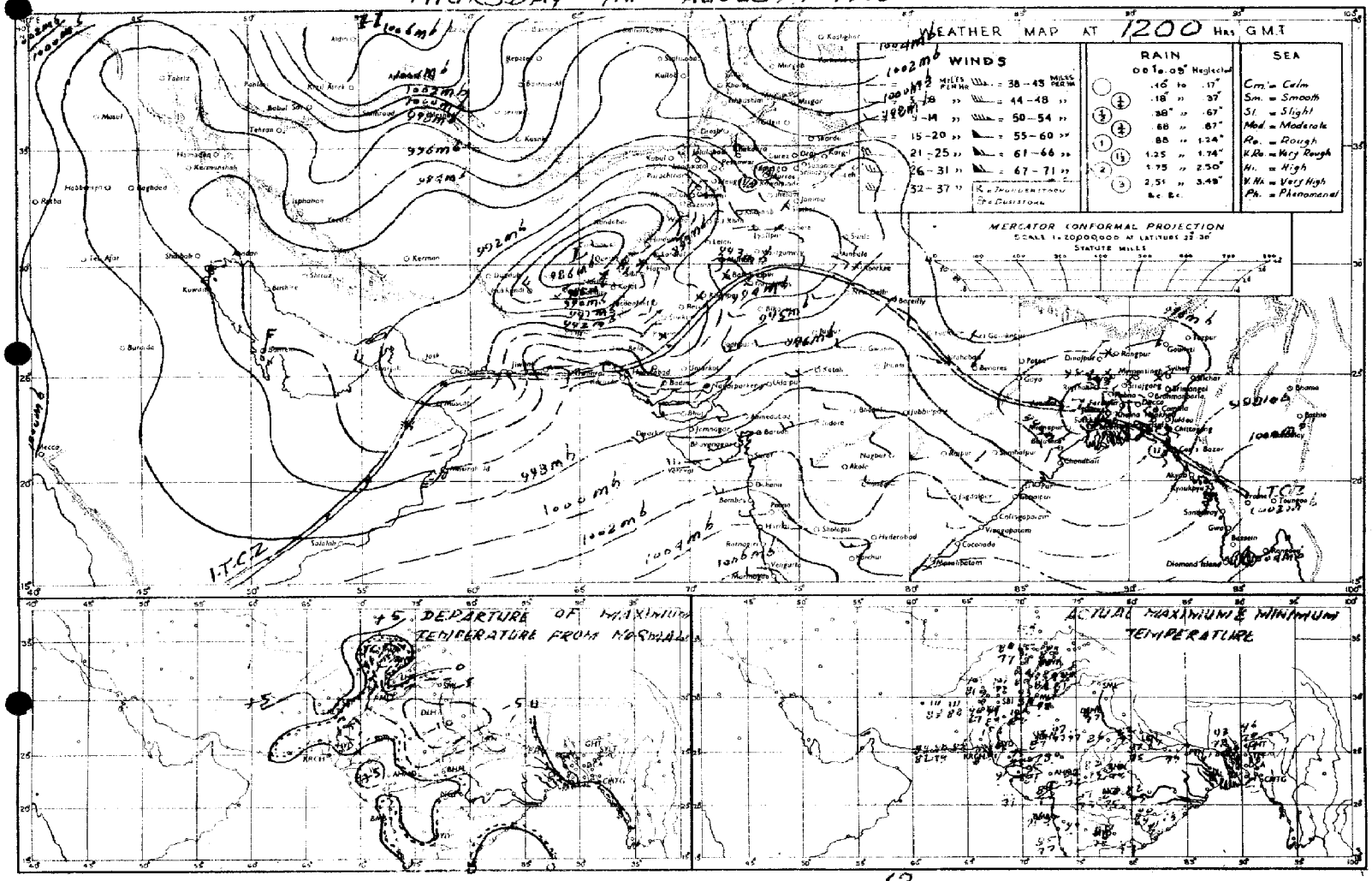
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

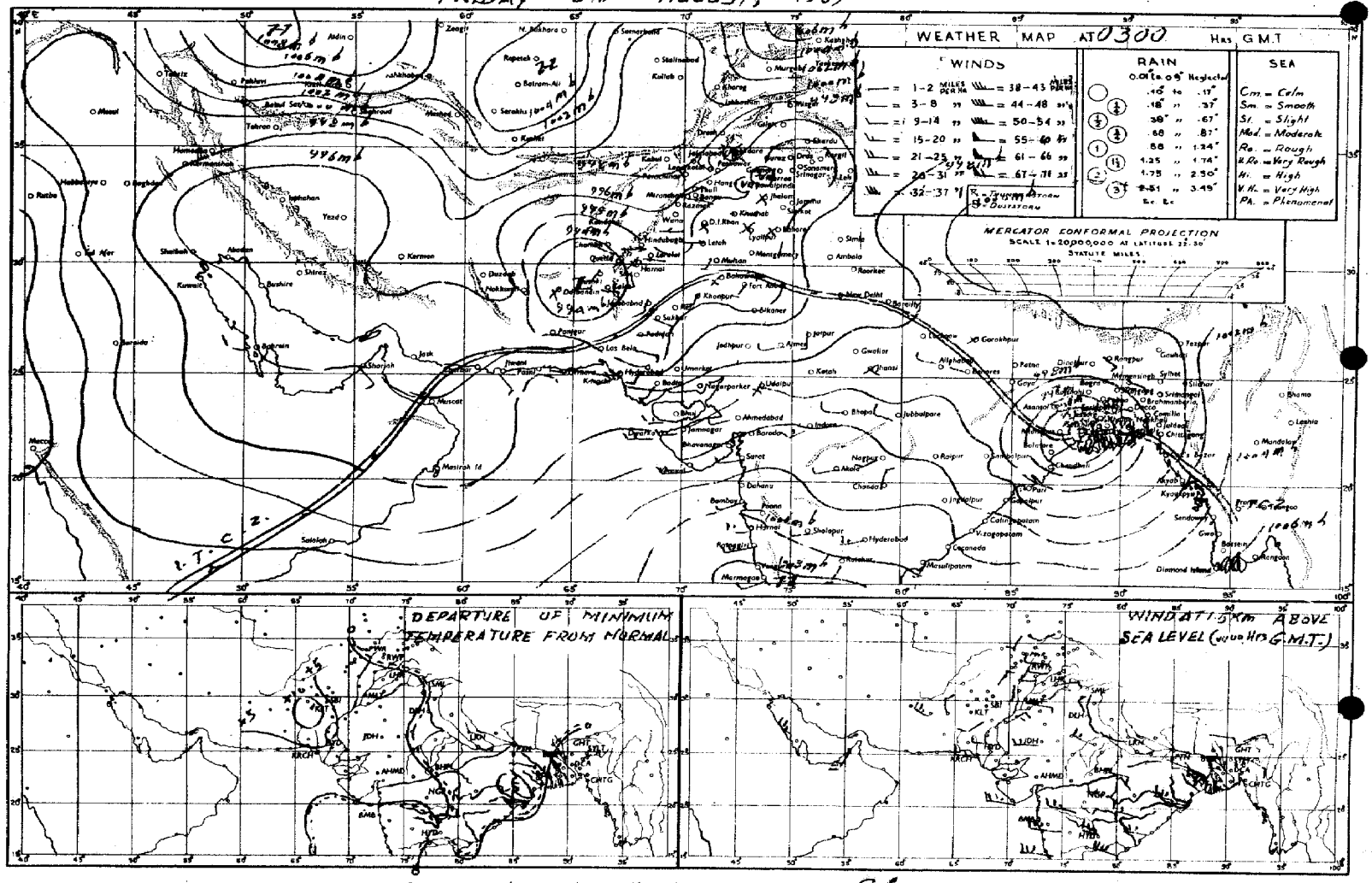
THURSDAY 7th AUGUST, 1968



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 8th AUGUST, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SATURDAY THE 9th AUGUST 1969.

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

Observations are lacking but believe yesterdays land depression moved northwestwards and was centred last evening at 08,1200Z about 40 miles northwest of Calcutta. It has moved slightly in the same direction and is centred at 09,0300Z about 10 miles to the south east of Asansol. It is likely to continue moving slowly in a north westerly direction. Under its influence fairly widespread rain/thundershowers have occurred in East Pakistan.

Shallow incursion of monsoon easterlies continues into northern division of West Pakistan.

The seasonal trough of low pressure has shifted to Kalat and Quetta divisions.

Scattered rain/thundershowers have occurred in Lahore, Rawalpindi and Peshawar divisions.

Chief amounts of rainfall are ; Maijdee Court 4", Chittagong 3", Cox's Bazar 2", Comilla 1½", Rajshahi 1", Narayanganj, Pabna, Dacca, Sialkot and Murree ½" each and Rangamati, Brahmanbaria, Faridpur, Barisal, Jessore, Khulna and Kakul ¼" each.

Day temperatures were 3—8 °F (2 - 4 °C) above normal in Multan, Sargodha, Peshawar and Quetta divisions and 2—5 °F (1—3 °C) below normal in Chittagong, Dacca, Lahore, Rawalpindi and Khairpur divisions.

Forecast valid until the evening of 10th August 1969 :—Fairly widespread rain/thundershowers with locally heavy falls are likely to occur in East Pakistan and local in Rawalpindi division and Kashmir. Scattered thunderstorms/showers are also likely in Quetta, D. I. Khan, Peshawar, Sargodha and Lahore divisions.

Earthquake Report :—The Seismograph of Geophysical centre Quetta recorded an earthquake of moderate intensity on the 8th August 1969 at 11 hours 32 minutes W.P.S.T. The epicentre lies about 450 miles northeast of Quetta in Hindu Kash Mountanis.

Karachi-11
The 9th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † We	Total cloud amount N	Wind direction in tens of degrees dd	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 Clod from † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud from † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx	At 0300 Hrs. G. M. T. of date: Rainfall in Cents RRR	Past weather commenced at † Wt	Total clod amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visiblity † VV	Present weather † ww	Past Weather W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature TT	Amounts of Lowest Cloud † N	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum temperature °F TnTn	Departure from Normal of: Maximum temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	...	003	9	9	18	13	95	21	6	958	81	9	/	4	/	/	77	84	032	8	9	18	05	96	62	6	004	81	9	6	4	2	/	81	76	—	—	52.1	—	60.13	—
	Cox's Bazar	...	099	2	8	18	20	96	62	6	972	80	5	5	3	2	0	79	82	239	9	8	18	16	96	50	6	001	82	6	6	3	2	/	81	77	— 3	+ 1	47.1	— 27.4	55.9	140
	Chittagong	...	012	1	7	13	16	96	60	6	967	77	7	7	2	2	0	77	82	274	9	8	20	16	96	60	6	002	79	7	6	3	2	/	81	75	— 3	+ 3	25.4	— 24.9	81.6	108
	Maijdee Court	...	000	9	8	13	09	96	03	2	953	83	6	5	5	1	0	79	87	450	9	8	18	02	96	03	6	004	81	6	5	3	2	/	79	77	— 1	— 1	81.4	+28.9	80.2	115
	Comilla	...	000	3	7	18	09	96	03	6	961	87	7	4	4	0	0	72	84	170	7	7	18	05	96	02	6	589	81	7	5	3	2	/	77	76	— 1	— 1	54.6	+15.0	74.0	94
	Brahmanbaria	...	000	0	7	16	09	96	03	1	956	82	7	4	3	0	0	75	86	020	1	7	13	09	96	03	6	984	81	7	5	3	0	/	77	78	— 3	— 1	29.1	— 1.1	98.8	78
	Sylhet	...	004	3	7	00	00	96	29	9	967	82	4	4	2	/	/	76	91	006	6	8	13	02	96	21	6	953	82	6	6	3	2	/	77	79	—	—	23.0	—	101.0	—
	Srimangal	...	...	.	.	...	...	...	..	..	...	...	...	...	...	...	...	...	...	000	9	4	09	05	96	02	9	596	84	0	0	9	2	2	75	77	—	+ 1	41.5	+ 4.7	63.8	98
Dacca	Mymentingh	...	000	0	6	13	05	97	02	2	957	/	6	4	4	0	0	75	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	91
	Narayanganj	...	000	0	8	13	03	96	03	2	941	/	8	6	3	/	/	65	84	035	1	8	13	02	97	03	6	576	81	8	6	3	2	/	79	79	+ 2	—	...	...	...	...
	Dacca (Tezgaon)	...	004	6	7	13	05	97	02	6	941	82	6	6	3	2	1	78	85	068	9	7	18	05	97	21	2	972	81	5	7	3	2	/	79	79	— 3	0	24.7	— 4.5	48.0	74
	Faridpur	...	007	0	8	16	05	98	02	6	952	82	7	5	4	1	0	81	87	035	3	8	20	05	97	61	6	967	81	6	4	5	1	0	81	79	—	—	28.3	—	36.4	—
Khulna	Barisal	...	000	0	8	10	03	97	03	2	940	82	5	4	4	2	0	66	86	020	9	4	18	02	97	01	6	975	81	3	8	4	4	0	81	79	— 0	0	35.6	+ 6.2	39.2	71
	Khulna	...	000	0	4	00	00	97	03	2	978	84	0	0	9	0	/	...	87	020	/	4	00	00	97	03	0	///	81	0	4	4	0	0	81	79	— 1	+ 1	44.3	+ 9.5	36.0	81
	Satkhira	...	000	0	6	18	02	97	01	0	958	84	2	0	9	0	0	81	90	000	0	6	18	01	97	00	0	958	81	0	4	4	0	0	81	79	— 0	+ 1	24.1	+ 6.6	30.2	68
	Jessore	...	...	..	..	...	...	...	..	..	...	...	...	...	...	...	...	...	...	035	9	8	18	09	96	51	9	960	79	7	7	2	2	/	79	79	+ 2	+ 1	18.3	—10.6	23.6	65
Rajshahi	Pabna	...	000	0	7	07	09	96	03	2	925	84	7	7	6	0	0	79	87	049	9	8	13	05	97	50	9	958	82	8	7	6	/	0	82	81	— —	—	25.0	— 2.9	21.4	65
	Sirajgan	...	...	..	..	...	...	...	..	..	...	...	...	...	...	...	...	...	...	010	3	8	09	09	97	02	6	967	79	8	7	6	/	0	82	81	— —	—	24.2	—	37.9	59
	Rajshahi	...	000	2	6	09	02	96	03	6	935	82	6	7	5	/	/	77	90	124	9	7	09	02	95	03	5	111	77	7	7	5	/	0	79	79	+ 1 —	0	23.5	— 3.8	31.2	64
	Bogra	...	000	0	8	09	02	96	03	2	943	85	6	3	3	0	0	78	93	000	0	8	09	02	96	02	2	970	82	6	5	4	3	/	79	79	+ 2 —	0	27.1	+ 1.7	41.2	—
	Dinajpur	...	000	9	6	09	02	96	02	1	946	87	6	3	1	/	/	79	91	000	9	4	09	05	96	02	9	996	84	0	0	9	1	0	75	81	+ 2 —	+ 2	18.2	— 11.2	29.2	69
	Rangpur	...	...	..	..	...	...	...	..	..	...	...	...	...	...	...	...	...	...	006	0	3	13	05	96	01	2	000	87	3	0	9	1	0	79	79	+ 3 —	— 2	36.6	+ 4.2	59.8	72
Kashmir	Jammu	...																																							
Lahore	Lahore (Jail Rd.)	...	000	0	5	00	00	96	01	1	928	93	1	1	6	2	0	76	93	000	0	8	13	03	96	03	/	958	84	7	6	4	0	/	77	85	— 5	+ 3	10.1	— 1.6	14.7	19
	Sialkot	...	...	..	..	...	...	...	..	..	...	...	...	...	...	...	...	...	...	060	0	0	20	18	96	03	/	978	70	0	0	9	1	0	49	60	— —	+ 19	—	—	—	32
Rawalpindi	Jhelum	...	000	9	6	13	05	97	02	1	931	90	3	4	7	...	...	78	91	000	4	8	13	02	97	03	2	961	82	5	7	6	2	/	77	84	— —	—	10.9	—	19.2	—
	Islamabad	...																																						
	Rawalpindi	...	000	0	5	00	00	99	02	2	927	91	0	0	9	0	4	80	91	000	0	7	00	00	98	02	2	958	82	2	5	6	4	9	79	81	— 4	+ 5	5.7	— 7.4	15.7	36
	Campbellpur	...																																						
Sargodha	Khushab	...	000	0	0	31	//	97	00	0	940	98	0	0	9	0	0	85	00	000	0	0	09	//	96	06	0	945	87	0	0	9	0	0	84	82	— 0	— 0	0.7	— 5.9	4.1	15
	Sargodha	...	000	0	6	16	03	96	04	2	920	98	0	5	6	2	0	76	00	000	0	7	09	03	96	06	2	950	87	2	0	9	0	0	84	82	— —	—	10.2	—	13.8	—
	Lyallpur	...	000	0	4	29	02	96	02	0	914	96	0	0	9	0	4	74	00	000	0	0	00	00	96	00	0	946	87	0	0	9	0	0	81	84	+ 10 —	+ 3	2.6	— 2.5	5.6	12
Multan	Sahiwal	...																																						
	Multan	...	000	0	4	18	05	97	03	0	915	00	1	1	6	3	4	73	02	000	0	3	21	05	97	03	0	952	87	0	0	9	0	2	75	84	+ 3	0	7.9	+ 4.6	10.9	10
	Leiah	...	000	0	0	23	03	95	89	3	934	02	0	0	9	0	0	78	02	000	0	6	18	01	93	03	0	965	87	0	0	9	0	6	72	73	— —	—	0.0	—	0.0	8
Bahawalpur	Khanpur	...	000	0	1	23	03	97	02	0	911	02	0	0	9	0	/	78	04	000	0	0	23	05	96	02	0	950	85	0	0	9	0	0	72	84	+ 3 —	0	7.9	+ 4.6	10.9	7
	Bahawalpur	...	000	0	0	00	00	96	00	0	928	00	0	0	9	0	0	78	00	000	0	0	00	00	96	00	0	952	87	0	0	9	0	0	72	//	+ 1 /	/	0.0	— 3.4	0.9	6
	Fort Abbas	...	009	0	0	23	02	//	00	0	944	86	0	0	9	0	0	82	//	000	0	0	23	04	98	00	0	995	90	0	0	9	0	0	75	84	— —	+ 2	0.6	— 2.7	1.9	6
Peshawar	Chakdra	...	000	0	2	36	02	97	03	1	895	93	2	1	7	0	0	80	95	000	0	7	27	02	97	02	2	933	73	7	9	9	7	0	79	82	— —	—	0.6	—	0.8	8
	Peshawar	...	...	..	..	...	...	...	..	..	...	...	...	...	...	...	...	...	...	000	0	6	31	02	96	05	1	949	84	1	5	6	3	0	79	75	— —	—	2.4	—	11.8	—
	Hanipur	...	000	0	0	23	03	97	00	0	922	93	0	0	9	0	0	77	93	000	3	5	05	03	97	03	2	964	87	5	0	9	3	0	81	82	— —	+ 3	3.2	+ 0.7	11.9	11
D. I. Khan	Bannu	...	000	0	7	13	03	98	03	2	902	98	2	2	7	0	0	73	00	000	0	7	00	00	98	03	2	941	87	2	2	7	0	7	79	84	— —	—	1.8	—	12.0	—
	D. I. Khan	...	000	0	0	00	00	98	00	0	905	96	0	0	9	0	0	73	02	000	0	0	23	01	95	02	0	///	84	/	/	/	/	/	79	86	— —	—	0.5	—	4.3	11
Quetta	Sibi	...	000	0	0	18	03	98	02	0	910	06	0	0	9	0	0	62	07	000	0	0	27	03	97	03	1	960	90	0	2	9	2	0	66	89	+ 1 —	+ 2	1.3	— 2.3	3.7	9
	Nokkundi	...	000	0	0	31	08	96	02	0	///	10	0	0	9	0	0	53	11	000	0	0	31	07	96	02	0	932	92	0	0	9	0	0	82	82	— —	—	0.2	—	0.2	5
Kalat	Turbat	...																																						
	Jiwani	...	000	0	0	18	16	96	01	0	948	85	0	4	0	9	0	77	87	000	0	6	13	03	96	02	2	977	81	6	6	5	0	0	75	80	— —	—	0.2	—	0.2	5
	pasni	...	000	0	4	25	06	97	02	0	957	88	4	0	0	9	0	77	90	080	0	5	11	06	97	02	0	965	83	5	6	5	0	0	76	78	+ 1 —	+ 1	0.0	—	2.0	5
Karachi division	Ormara	...	000	0	1	20	07	96	02	2	960	87	1	0	6	6	0	81	90	000	0	6	27	10	96	02	2	980	83	6	6	6	0	0	76	78	+ 1 —	+ 1	0.0	— 0.8	0.0	6
	Lasbela	...	000	0	0	13	03	97	00	0	948	00	0	0	8	0	0	78	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Manora)	...	000	0	5	25	09	97	03	1	960	83	5	7	6	4	5	77	86	000	0	7	27	12	96	03	2	970	81	7	6	4	0	/	77	80	+ 1 —	+ 1	1.0	— 3.5	1.1	8
	Karachi (Airport)	...	000	0	7	23	12	96	03	2	962	84	7	6	5	0	0	74	89	000	0	7	27	12	96	02	2	979	84	7	6	4	0	0	79	84	— —	—	1.5	—	1.6	—
Hydera-bad	Nagarparker	...	030	0	3	23	02	97	02	0	989	92	2	0	6	0	2	75	95	000	0	6	23	02	97	02	0	011	82	6	6	6	0	0	76	79	— —	—	0.1	—	0.1	7
	Chhor	...	000	0	7	23	15	96	01	2	948	87	2	0	5	0	4	73	87	000	0	8	23	10	96	02	2	968	81	6	6	5	2	/	73	80	— —	—	0.3	—	0.3	7
	Hyderabad	...	000	0	8	23	09	97	03	2	941	91	6	0	8	2	8	74	95	000	0	8	25	07	97	03	2	961	83	8	0	9	3	0	74	81	— 1	+ 2	0.2	— 4.0	0.3	9
	Badin	...	000	0	8	23	04	96	03	0	974	88	2	0	9	0	8	75	89	000	0	6	23	08	96	03	0	981	81	0	0	9	0	6	74	80	— 3	0	0.3	— 4.2	0.3	—
Khairpur	Padidan	...	000	0	7	23	05	97	03	1	922	94	7	3	7	2	0	75	95	000	0	7	09	05	97	03	2	960	86	7	0	9	3	0	72	82	— —	—	0.8	—	0.8	4
	Nawabshah	...	000	0	8	18	03	96	02	2	931	95	7	3	7	2	0	75	95	000	0	7	09	06	96	02	2	949	85	7	0	9	3	0	76	81	— —	—	1.0	—	1.1	—
	Sukkur	...	000	8	7	23	05	96	03	2	917	00	7	2	9	0	0	79	01	000	0	7	13	05	96	03	2	954	82	7	0	9	3	0	75	80	— —	—	0.0	—	0.0	—
	Kashmore	...	000	0	0	18	02	98	02	2	930	00	7	0	9	0	0	74	02	000	0	0	18	02	98	02	0	963	84	0	0	9	0	0	75	80	— —	—	0.2	—	0.2	4
	Jacobabad	...	000	0	6	18	05	97	02	2	910	00	1	0	9	3	1	90	01	000	0	0	09	05	96	02	0	955	85	0	0	9	0	0	77	83	— 3	0	0.5	— 1.2	0.8	20
unagadh	Veraval	...																																						26
	HILL STATIONS																																							
Kashmir	Srinagar	* ...																																						—
	Gulmarg	** ...																																						71
	Sonamarg	** ...																																						26
	Dras	** ...																																						3
	Leh	** ...																																						6
	Skardu	* ...																																						—
	Mingar	** ...																																						—
	Aliabad	* ...																																						5
	Gilgit	* ...																																						59
Rawalpindi	Murree	* ...	005	4	9	27	03	90	49	6	887	68	9	/	0	/	/	67	70	054	1	9	13	07	90	49	6	439	65	9	/	0	/	/	65	64	— 2	+ 7	9.9	— 1.0	27.5	18
Peshawar	Drosh	* ...	000	0	2	27	12	99	02	0	325	00	1	1	7	4	0	60	04	000	0	7	00	00	95	05	4	397	93	5	8	7	1	0	64	80	+ 8	+ 7	1.0	—	12.2	29
	Chitral	* ...	000	0	0	18	05	98	00	1	386	85	0	0	3	0	0	85	85	000	9	8	18	01	98	00	0	407	75	0	0	3	0	0	73	//	— —	/	3.4	— 2.9	12.7	—
	Kakul	* ...	045	6	7	16	03	96	01	6	383	80	7	0	8	3	0	82	02	000	9	8	18	02	95	03	6	405	79	8	3	7	1	0	73	72	— —	—	9.4	—	20.1	—
	Landikotal	* ...	000	0	0	31	05	98	02	0	390	90	0	0	5	0	0	82	91	000	0	6	31	02	98	03	2	394	82	6	3	7	1	0	73	75	— —	—	0.9	—	11.4	29
	Prachinar	* ...	000	0	3	16	05	96	05	0	385	68	3	8	5	6	0	67	87	000	0	6	31	00	96	05	0	415	75	2	5	6	3	0	68	70	+ 2	+ 5	4.0	—	14.7	13
D.I. Khan	Miranshah	* ...	000	0	4	05	05	97	02	0	379	91	4	0	9	0	0	72	93	000	0	4	00	00	97	02	0	437	84	4	0	9	0	0	73	79	— —	—	0.5	— 2.8	2.0	11
	Wana	* ...	000	8	0	13	05	99	03	0	437	91	4	0	9	0	0	87	98	000	0	4	00	00	99	00	0	403	85	4	0	9	0	0	73	79	— —	—	0.8	—	2.0	11
Quetta	Fort Sandeman	* ...	000	0	0	12	02	97	02	0	347	00	0	0	9	0	0	37	01	000	0	0	00	00	96	05	0	396	84	0	0	9	0	0	67	79	+ 6	+ 5	1.4	— 2.0	5.7	—
	Hindubagh	* ...	000	0	0	23	03	97	00	0	366	97	0	0	9	0	0	68	03	000	0	0	27	03	97	02	0	436	75	0	0	9	0	0	66	60	— —	—	2.7	—	5.9	9
	Loralai	* ...	000	0	0	13	02	98	00	0	398	94	0	0	9	0	0	71	96	000	0	0	13	02	98	00	0	421	76	0	0	9	0	0	67	56	— —	—	0.6	—	1.1	—
	Barkhan	* ...																																						14
	Harnai	* ...	000	0	0	00	00	96	02	0	360	97	0	0	9	0	0	68	01	000	0	0	00	00	96	02	0	384	84	0	0	9	0	0	73	//	— —	—	0.9	— 3.9	2.6	9
	Samungli (Quetta)	* ...	000	0	0	36	02	96	05	0	374	58	0	0	9	0	0	79	01	000	0	0	00	00	96	05	0	4.8	73	0	0	9	0	0	73	62	— —	—	0.5	— 0.4	3.1	8
	Chaman	* ...	000	0	0	23	05	97	00	0	385	02	0	0	9	0	0	55	03	000	0	0	23	04	97	00	0	414	81	0	0	9	0	0	62	60	— —	—	0.5	— 2.0	4.8	—
	Nushki	* ...	000	0	0	00	00	95	05	0	462	06	0	0	9	0	0	77	07	000	0	0	00	05	95	05	0	450	91	0	0	9	0	0	61	80	+ 3 —	+ 5	2.1	—	2.7	4
	Dalbandin	* ...	000	0	0	23	05	96	02	0	384	08	0	0	9	0	0	60	10	000	0	0	00	00	96	02	0	392	83	0	0	9	0	0	63	84	— —	—	0.5	—	2.7	—
Kalat	Kalat	* ...	000	0	3	31	02	97	02	0	367	88	0	0	9	0	0	53	93	000	0	0	20	02	97	02	0	403	74	0	0	9	0	0	53	31	+ 2 —	0	0.0	— 0.2	0.5	4
	Khuzdar	* ...	000	0	3	23	03	97	01	1	362	03	1	0	9	3	1	39	04	000	0	1	27	03	96	03	0	392	85	1	5	6	0	0	53	62	+ 3	+ 4	0.9	— 0.1	2.2	7
	Panjgur	* ...																																			1.7	—	2.9	5

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 9th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_Lh_LC_MC_H$	D_sV_sa PP	7RR t_gt_R	8$N_sC_sh_s$	$OT_sT_wT_dT_d$	$1T_wT_wT_{wz}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Bobla	99 2 15	10 6 71	08 0 03	02 3 24	97 0 22	99 4 27	85 4 08	33 2 13	...		05 3 23		30 5 03	23 8 06
Gwenola	99 2 10	10 5 53	08 0 63	42 3 24	97 0 20	00 8 23	40 6 60	14 4 00	...		00 7 20	19 9 05	33 5 04	...
Amoria	99 2 15	10 6 69	08 0 63	72 5 18	97 0 22	01 2 27	76 3 00	62 0 07	...		01 / 25	17 1 83		
Arendesakeris	99 3 50	10 5 76	08 1 23	01 1 07	96 1 00	94 2 34	00 9 00	...	74 7 13		01 / 29	13 2 71	30 2 02	13 5 01
Gwenola	99 2 27	10 5 98	01 8 23	01 6 12	96 5 55	94 7 29	00 9 00	14 7 00	...		00 6 22	11 6 00	30 3 03	...
Dwarka	97 2 34	10 6 76	03 1 83	02 2 16	96 0 22	97 2 28	87 5 //	...	73 1 05		00 0 25	...	30 5 05	26 8 09

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PoPoPo ToToTo DoDo	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 TTTa DD												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...														
Dacca ...	00 00	998 280 20	...	400 162 34	050 104 50	579 039 56	752 143 56	966 263 58	247 491 //	430 641 //	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	581 294 56	...	350 224 28	022 110 //	736 141 //	737 251 //	942 831 //	210 525 //	...	...	...	...	...
Peshawar ...	00 00	954 280 20	...	380 256 31	052 150 58	584 060 //	765 000 //	988 155 //	536 209 //	...	...	...	...	...
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	985 314 30	...	600 280 56	179 120 60	585 131 //	752 235 //	963 355 //	237 481 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD							Max. Wind Speed	TROPOPAUSE
									PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_{ta}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...													
Dacca ...	00 00	900 190 35	800 132 37	600 040 56	558 000 51	350 197 56	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00		...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds tens and units of millibars.
DD—Dew point depression,

hhh—(heights) - Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T.† of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T.† of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	5.4	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
Bogra ...	130 21	120 21	115 15	...						...	...	...	...	...	...	100 21	125 19	...	...	...	...	...	...	...	...	...
Chakla'a ...	..	105 03	195 04	245 06	265 06	335 03	...	...	...	...	065 06	100 07	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...				...	...	...	...	...	...	235 16	...	...	...	...	...	220 22	220 19	...	...	...	...	...	...	...	...	...
Chittagong ...	140 19	140 23	155 25	...	...	...	...	...	...	...	...	...	...	...	...	165 17	185 21	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...	No	...	Ascent	...	...	...	185 20	185 19	...	...	...	...	...	...	...	...	...
Dacca ...	120 15	130 18	135 23	...	...	...	...	...	...	150 19	165 19	160 20	160 19	160 15	150 15	140 12	150 15	155 17	...	...	...	...	...	...	...	...
Daibandin ...		...	225 06	240 05	275 06	275 06	335 06	340 06	015 07	...	...	265 06	290 12	320 20	355 23	...	...	195 03	330 04	340 10	305 11	295 23	305 19	185 18	110 05	075 17
D. I. Khan ...	180 10	180 12	180 15	145 17	120 08	220 03	345 21	330 31	335 15	145 15	145 15	170 12	155 04	130 09	355 02	115 09	120 12	135 13	150 13	160 09	210 04	350 04	345 13	335 11	315 12	140 06
Drosh ...		...	...	...	...	195 07	235 12	355 05	205 08	285 11	...	...	305 06	310 06	290 04	...	...	...	230 06	115 04	070 02	090 02	130 07	205 03	220 06	260 07
Fors&andeman ...	...	...	...	045 10	045 06	015 09	315 14	295 14	025 11	...	...	...	045 09	050 07	320 03	...	...	...	295 07	305 04	315 06	315 09	325 09	340 09	060 10	125 13
Jacobabad ...	155 08	185 07	185 06	005 07	355 16	320 13	355 07	050 08	...	140 13	165 04	215 04	205 04	245 07	260 08	120 07	125 05	030 04	030 07	040 11	360 24	005 21	050 12	050 13	035 04	125 23
Jessore ...	120 21	120 10	125 21	155 17	195 07											210 13	200 15	205 16	200 15	190 19						
Jhelum ...	115 11	130 16	170 11	230 09	295 11	320 09	340 09	...	...	120 10	120 12	205 12	205 11	...	...	130 10	135 12	145 09	180 08	...	...	...	...	...	...	...
Jiwani ...	150 04	285 08	295 08	300 05	270 04	300 05	245 10	285 09	330 08	145 06	145 08	...	...	...	...	140 09	295 05	295 11	...	...	...	...	...	...	...	...
Karachi ...	250 12	265 12		...	...		...	...		275 16	280 19					225 20	280 20									
Khanpur ...	215 08	200 10	200 11	170 08	140 08	100 07	035 09	310 13	005 13	215 13	215 12	235 15	240 14	210 11	180 17	210 15	200 15	200 15	195 19	180 12	145 15	030 03	030 22	030 37	365 55	015 45
Lahore ...	131 03	150 02	155 02	310 02	335 05	320 07	325 03	360 03	355 14							105 04	135 06	210 06	265 07	320 10	335 14	...	...	...	...	...
Multan ...	175 19	175 25	175 17	175 10	235 08	290 07	350 27	350 10	350 27	215 29	215 12	185 10	295 05	310 05	360 15	220 21	195 21	185 21	180 24	195 21	275 04	010 37	040 37	040 25	060 13	100 25
Nawab Shah ...	225 11	230 10	200 09	270 04	265 04	025 07	...	...	...	No		Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgar ...	...	...		...	...		...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...		...	...		...	...	...	...	345 11	285 04	220 08	195 01	095 08	...	...	085 01	325 03	280 04	275 06	265 07	...	...	...	...
Quetta ...	No	...	Ascent	...	...	...	...	...	...	No	...	Ascent	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Sargodha ...	170 03	160 04	170 05	205 07	245 11	...	...	...	...	250 B/	205 10	230 11	260 06	015 06	010 05	065 03	285 03	285 04	325 05	010 05	...	...	...	...	...	...
Sylhet ...	165 16	165 25	165 27	...	...	...	...	...	...	105 12	110 14	125 18	...	...	...	130 10	145 13	145 24	...	...	...	...	...	...	...	...
Veraval ...	...	...		...	...		...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...																		
Peshawar ...																		
Quetta ...																		

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

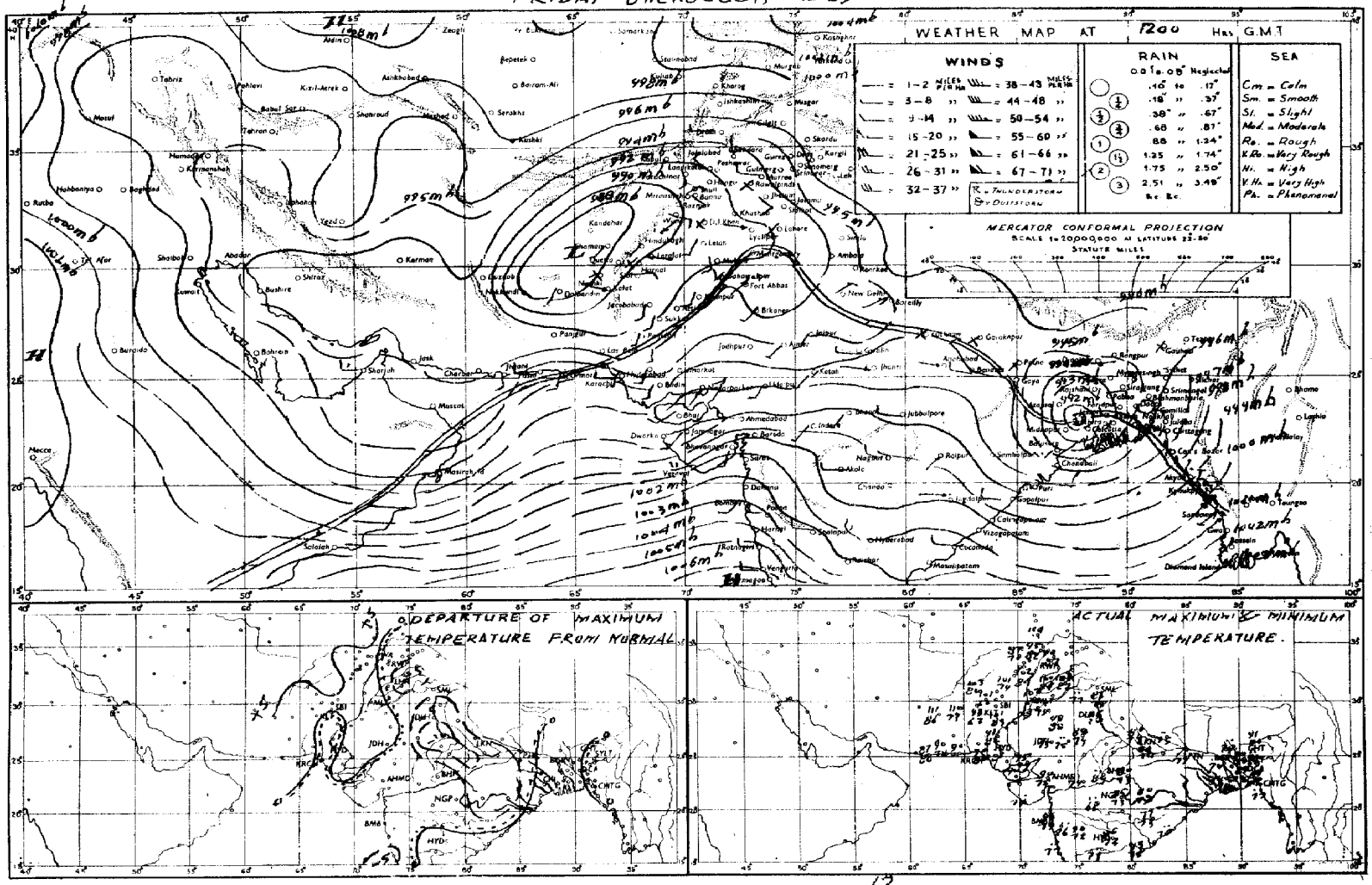
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
ff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

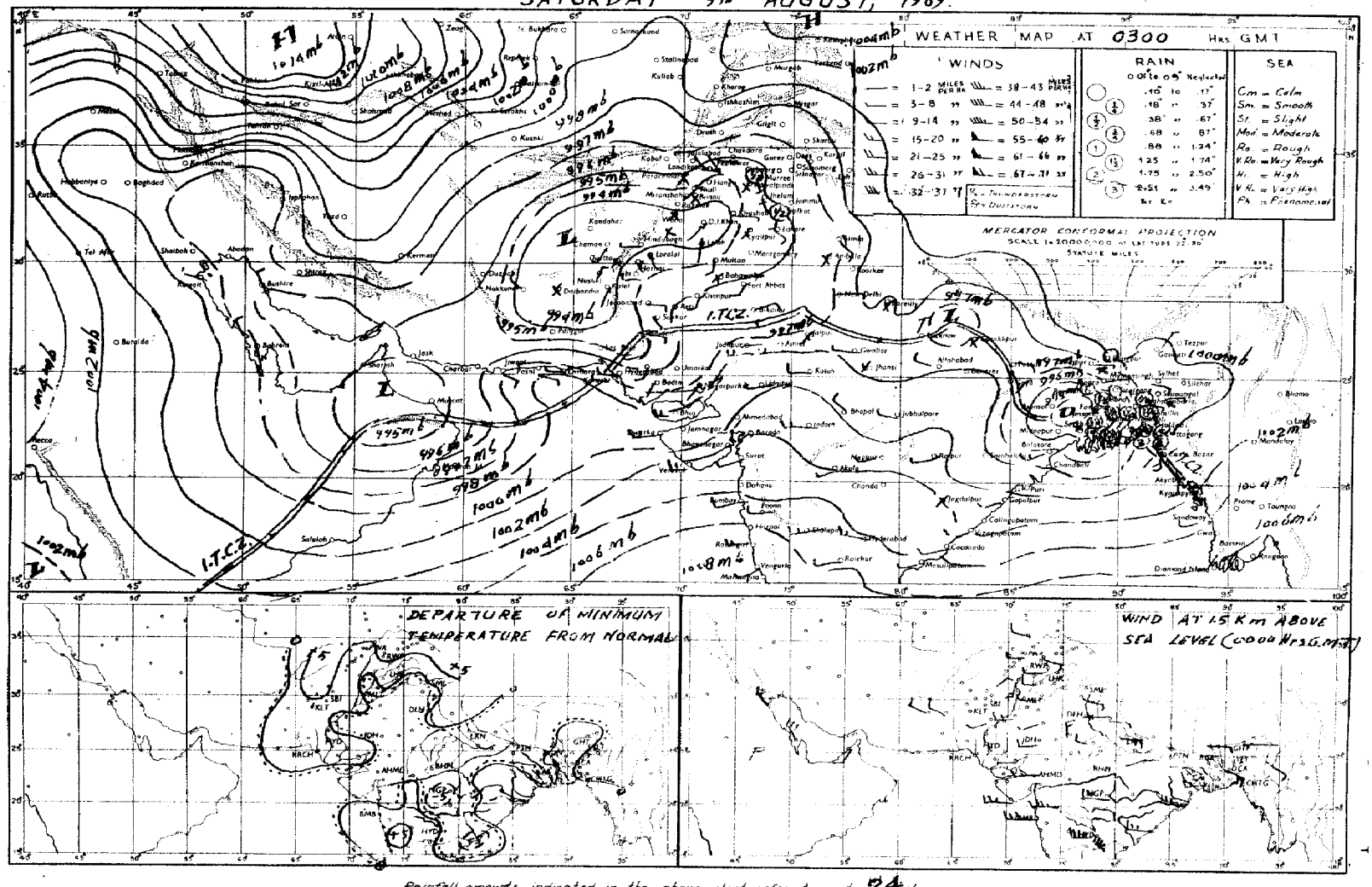
FRIDAY 8th AUGUST, 1969



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 9th AUGUST, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 10th AUGUST 1969.

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

Observations meagre but believe yesterday's depression moved northwestwards and lay last evening at 09,1200Z about 50 miles west of Asansol. It continued moving in the same direction weakened and lies this morning as a well marked low pressure area over East Uttar Pradesh and adjoining areas. Monsoon is moderate over East-Pakistan. Fairly widespread rain/thundershowers have occurred in Dacca and Rajshahi divisions, local in Chittagong division and scattered in Khulna division.

Shallow incursion of monsoon easterlies continues into the northern divisions of West Pakistan. Seasonal trough of low pressure extends from Khairpur division to D. I. Khan division, local thunderstorms/showers have occurred in Rawalpindi division and scattered in Peshawar division.

Chief amounts of rainfall are ; Chittagong, Çomilla, Narayanganj, Dacca 1" each; Islamabad 3/4"; Rangamati, Cox's Bazar, Satkhira, Sirajganj and Bogra ½" each, and Khulna ¼".

Day temperatures were 3—8 °F (2—4 °C) above normal in Multan, Peshawar, Quetta and Hyderabad divisions and 2—4 °F (1—2 °C) below normal in East Pakistan and in Lahore division.

Forecast valid until the evening of 11th August 1969 :— Local rain/thundershowers are likely to occur in East Pakistan and in Lahore, Rawalpindi divisions and Kashmir and scattered in Sargodha and Peshawar divisions.

Karachi-11
The 10th August, 1969.

(ZARIF AHMED)
for Director, Meteorological Service.

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	060	9	6	18	05	97	02	6	483	80	5	7	5	7	/	78	87
	Cox's Bazar ...	281	9	8	18	12	96	02	2	981	80	5	4	4	2	0	78	82
	Chittagong ...	074	1	8	18	12	//	60	6	976	80	0	7	3	2	/	77	82
	Maijdee Court ...	000	9	6	18	02	96	03	2	953	82	4	2	5	1	0	78	87
	Comilla ...	000	0	7	18	05	96	02	2	969	80	7	4	4	0	0	77	85
	Brahmanbaria ...	008	3	4	13	07	97	03	6	965	82	4	5	5	0	0	77	93
	Sylhet ...	027	2	8	00	00	96	17	6	968	80	6	3	3	2	/	77	87
	Srimangal ...	000	0	4	00	00	96	02	0	971	82	0	0	1	7	2	77	85
Dacca	Mymensingh ...	900	0	/	//	00	97	02	2	954	95	6	5	4	0	0	78	//
	Narayanganj ...	000	0	8	13	03	96	03	5	968	85	3	6	3	/	/	78	85
	Dacca (Tezgaon) ...	005	0	7	18	02	97	03	6	958	85	4	9	4	0	6	78	86
	Faridpur ...	004	0	7	16	02	97	02	6	958	82	9	5	6	1	0	78	86
Khulna	Barisal ...	003	0	7	10	00	97	02	2	958	85	5	4	4	2	0	78	87
	Khulna ...	000	0	6	00	00	97	03	0	942	82	2	4	4	0	0	80	87
	Satkhira ...	000	0	6	18	02	97	01	0	996	82	2	3	0	1	0	80	85
	Jessore ...	000	6	7	18	07	97	02	2	943	85	3	4	4	2	7	78	87
Rajshahi	Pabna ...	005	9	8	13	05	96	50	5	941	82	4	7	6	9	/	78	85
	Sirajgan ...	016	4	8	09	02	97	02	2	954	82	8	0	7	8	0	78	86
	Rajshahi ...	008	1	7	09	03	95	03	6	947	85	7	5	5	7	/	78	86
	Bogra ...	060	3	8	00	00	96	61	9	950	78	5	7	4	7	2	78	86
	Dinajpur ...	900	9	6	09	05	96	02	/	952	86	4	5	6	2	/	78	90
	Rangpur ...	000	0	7	13	02	96	03	1	953	85	5	5	6	2	0	78	93
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	4	09	03	96	02	1	934	91	3	1	6	1	0	78	95
	Sialkot ...																	
Rawalpindi	Jhelum ...	000	7	2	13	05	97	02	5	941	87	2	2	6	0	0	78	96
	Islamabad ...																	
	Rawalpindi ...	000	0	1	09	05	99	00	0	933	90	0	0	9	0	4	78	91
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	0	13	//	97	00	0	919	98	0	0	9	0	0	87	02
	Sargodha ...	000	0	1	09	05	97	01	1	919	98	1	1	6	0	0	77	00
	Lyallpur ...	000	0	4	07	02	96	02	0	922	96	4	0	9	4	0	73	02
Multan	Sahiwal ...																	
	Multan ...	000	0	0	13	03	97	02	/	917	02	0	0	9	0	0	73	02
	Leiah ...																	
Bahawalpur	Khanpur ..	000	0	3	23	05	97	01	1	912	00	2	0	9	3	1	72	02
	Bahawalpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Abbas ...																	
Peshawar	Chakdra ...	000	0	2	36	02	97	03	0	884	96	2	7	0	0	/	78	96
	Peshawar ...	000	0	0	36	05	96	05	0	892	98	0	0	9	0	0	80	00
	Haripur ...																	
D. I. Khan	Bannu ...	000	0	6	11	02	98	03	1	899	00	1	1	8	0	7	73	02
	D. I. Khan ...	000	0	0	00	00	98	00	0	904	00	0	0	9	0	0	78	02
Quetta	Sibi ...	000	0	0	18	03	97	02	0	929	07	0	0	9	0	0	68	08
	Nokkundi ...	000	0	0	36	10	96	02	0	887	08	0	0	9	0	0	55	13
Kalat	Turbat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jiwani ...	000	0	2	13	10	96	01	1	948	85	2	6	5	2	0	76	87
	Pasni ...	000	0	4	25	08	97	02	0	955	87	4	0	9	0	0	77	90
Karachi division	Ormara ...	000	0	1	25	12	96	02	2	961	86	1	6	6	0	0	83	88
	Lasbela ...																	
	Karachi (Manora) ...	000	0	6	27	10	97	03	2	960	83	6	6	4	0	0	77	85
	Karachi (Ariport) ...	000	0	7	25	12	96	02	2	959	84	7	6	5	0	0	76	85
Hyderabad	Nagarparker ...	000	0	6	23	02	97	02	0	000	87	6	6	6	0	0	71	87
	Chhor ...																	
	Hyderabad ...	000	0	3	23	09	97	03	1	929	96	0	0	9	0	1	75	01
	Badin ...	000	0	6	23	08	96	03	0	971	89	0	0	9	0	6	75	90
Khairpur	Padidan ...	000	0	1	05	05	97	01	1	914	05	1	0	9	3	0	69	05
	Nawabshah ...	000	0	2	00	00	96	03	0	921	05	2	9	3	0	/	80	06
	Sukkur ...	000	8	7	23	02	96	03	2	914	04	7	0	9	0	0	78	05
	Kashmore ...	000	0	0	18	02	98	02	0	926	02	0	0	9	0	8	74	04
	Jacobaba ...	000	0	1	13	07	97	02	0	908	01	1	0	9	4	0	77	03
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ..	003	3	9	31	08	90	49	6	401	70	9	/	0	/	/	70	71
Peshawar	Drosh * ..	000	0	3	13	16	96	05	4	333	00	3	2	7	0	0	60	04
	Cherat * ...	000	0	0	18	05	98	00	0	391	78	0	0	9	0	0	78	78
	Kakul * ...	000	0	5	13	05	96	05	2	387	82	5	4	4	0	0	72	86
	Landikotal * ...	000	0	0	05	05	98	02	0	388	93	0	0	9	0	0	87	96
	Prachinar * ...	000	0	6	16	05	96	05	0	384	87	5	8	6	6	0	63	90
D.I. Khan	Miranshah * ...	000	0	6	05	05	98	02	0	379	91	6	0	9	0	0	72	93
	Wana * ...	000	0	0	13	05	99	00	0	400	93	0	0	9	0	0	87	96
Quetta	Fort Sandeman * ...	000	0	1	05	03	97	03	0	368	01	1	1	7	0	0	45	02
	Hindubagh * ...	000	0	0	20	05	97	02	0	407	96	0	0	9	0	0	68	99
	Loralai * ...	000	0	0	23	90	98	00	0	400	91	0	0	9	0	0	08	99
	Barkhan * ...																	
	Harnai * ...	000	0	0	00	00	96	02	0	365	99	0	0	9	0	0	65	01
	Samungli (Quetta) * ...	000	0	0	31	05	96	02	0	370	98	0	0	9	0	0	84	01
	Chaman * ...	000	0	0	27	03	97	00	0	349	02	0	0	9	0	0	86	03
	Nushki * ...	000	0	0	00	00	95	05	0	440	04	0	0	9	0	0	76	07
	Dalbandin * ...	000	0	3	31	09	96	03	0	388	09	3	0	9	3	0	73	09
Kalat	Kalat * ...	000	0	0	31	02	96	00	2	416	89	0	0	9	0	0	73	91
	Khuzdar * ...	000	0	1	23	05	97	01	0	350	05	1	5	6	0	0	39	06
	Panjgur * ...																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 co-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 co-date (41)	Rainfall: Annual Normal (42)
Rangamati	053	9	9	18	02	96	60	6	025	80	9	/	4	/	/	80	76	—	—	52.2	—	///	—
Cox's Bazar	568	9	8	18	12	95	62	6	019	82	6	3	2	6	/	80	76	— 3	0	52.8	−22.7	61.5	140
Chittagong	083	3	7	16	10	96	60	6	019	82	7	6	3	3	0	77	76	— 3	0	26.3	−24.7	82.5	108
Maijdee Court	...	...	...	...	...			...	...		..	...	...		..	...	..	+ 1					115
Comilla	092	5	4	18	09	96	02	1	000	76	4	4	7	0	0	78	77	— 2	0	55.7	+ 5.3	75.0	94
Brahmanbaria	///	/	5	18	07	97	03	1	002	85	3	5	5	0	7	77	78	—	—	29.1	— 1.5	38.7	78
Sylhet			..	...	...	...	...		...	...	...	...			..	...	...	—					—
Srimangal	000	0	5	00	00	96	02	0	029	85	0	0	9	7	2	77	77	— 3	+ 1	41.5	— 4.3	63.8	98
Mymensingh	000	0	7	17	02	97	02	5	008	82	6	5	3	0	0	78	80	/	+ 2	31.9	— 6.5	47.1	91
Narayanganj	109	.	9	18	02	97	00	6	999	80	8	7	3	/	/	80	78	— 2	— 1	24.7	— 4.8	48.1	74
Dacca (Tezgaon)	122	9	8	00	00	96	55	6	998	78	6	9	..	2	/	78	78	—	—	26.5	—	36.6	—
Faridpur	...	...	...	...	...	..	...	..	...	..	..	...	5	...	...	..	...	— 1					71
Barisal	014	5	8	15	02	96	01	2	004	80	6	4	4	2	0	78	78	0	0	44.4	+ 8.1	36.0	81
Khulna	000	0	4	00	00	97	03	0	990	82	2	2	9	0	0	80	78	0	0	24.1	— 7.1	30.2	68
Satkhira	045	0	6	13	01	97	01	0	958	85	2	3		0	1	78	78	— 3	0	18.6	— 10.5	24.1	65
Jessore	003	8	7	23	06	97	02	6	990	85	5	4	3	4	5	78	78	—	—	25.0	— 3.2	31.4	65
Pabna	030	9	8	20	02	97	01	6	988	80	8	7	6	/	/	78	79	—	—	24.5	—	38.2	59
Sirajgan	046	9	8	13	03	97	03	2	987	82	8	6	6	0	0	78	78	— 1	— 1	24.0	— 3.6	31.6	64
Rajshahi	016	9	8	18	02	95	03	9	981	81	8	7	5	7	/	78	78	— 3	—	27.3	+ 1.6	41.4	—
Bogra	060	7	7	09	03	96	17	2	987	82	6	3	4	2	0	78	78	— 6	— 1	18.8	— 11.0	29.8	69
Dinajpur	000	3	6	09	02	96	02	2	986	82	6	0	9	4	/	78	80	+ 2	+ 1	36.6	— 4.0	59.8	72
Rangpur	000	0	6	18	02	96	01	2	983	80	6	5	6	0	0	78	78	+ 4	0	41.3	+ 3.5	60.0	84
Jammu																							—
Lahore (Jail Rd.)	000	0	7	05	03	95	03	2	969	84	3	9	6	7	0	79	82	— 3	+ 3	10.1	+ 1.5	14.7	19
Sialkot																							32
Jhelum	085	3	8	13	02	98	02	9	979	81	5	5	6	1	/	73	79	—	—	11.7	—	21.0	—
Islamabad																							—
Rawalpindi	000	0	8	09	02	98	02	2	978	82	4	4	7	8	0	75	81	— 4	+ 5	5.7	— 7.7	15.6	36
Campbellpur																							—
Khushab	000	0	0	09	//	96	06	0	967	86	0	0	9	0	0	82	81	+ 2	— 1	0.0	— 6.5	4.1	15
Sargodha	000	0	1	09	05	97	02	0	963	87	6	5	6	3	0	81	82	—	—	10.2	—	13.8	—
Lyallpur	000	0	0	00	00	96	00	0	949	87	0	0	9	0	0	77	82	+ 12	+ 1	2.6	— 2.6	5.5	12
Sahiwal																							10
Multan	000	0	3	18	03	96	03	0	959	90	3	0	9	3	0	79	86	+ 3	+ 2	7.6	+ 4.5	10.9	7
Leiah																							8
Khanpur	...	..	...	...	...				...	...	...	...	...	...	...	..	...	— 1					6
Bahawalpur	000	0	0	00	00	96	00	0	966	90	0	0	9	0	0	73	84		+ 2	0.6	— 2.7	1.8	6
Fort Abbas																							8
Chakdra	000	0	8	27	03	97	03	2	948	70	8	5	6	/	/	77	81	—	—	2.4	—	11.8	—
Peshawar	030	0	6	31	05	97	02	2	955	84	1	5	6	3	1	79	82	+ 1	+ 3	3.2	+ 0.6	11.8	11
Haripur																							—
Bannu	000	0	1	10	31	98	02	2	957	87	2	2	7	4	7	68	87	—	—	0.5	—	4.3	11
D. I. Khan	000	0	0	00	00	98	00	0	953	84	0	0	9	0	0	82	82	+ 1	0	1.3	— 2.4	3.7	9
Sibi	000	0	0	18	03	97	02	0	957	93	0	0	9	0	0	52	90	—	—	0.2	—	0.2	5
Nokkundi	000	0	0	31	24	94	07	0	988	85	0	0	9	0	0	25	82	—	—	0.0	—	0.3	2
Turbat	000	0	0	27	02	96	00	0	858	90	0	0	9	0	0	77	26		—	0.0	—	0.2	—
Jiwani	000	0	6	00	00	96	02	2	974	80	6	6	5	0	0	75	80	—	—	0.0	—	2.0	5
Pasni	000	0	4	25	06	97	02	0	979	83	4	0	9	0	0	76	77	+ 1	0	0.0	— 1.0	0.0	6
Ormara	003	0	5	27	07	96	04	5	984	81	5	6	6	0	0	77	16	—	—	0.0	— 0.7	0.6	6
Lasbela																							8
Karachi (Manora)	000	0	7	25	07	96	03	2	983	81	7	4	4	/	/	76	80	0	+ 1	1.0	— 3.5	1.1	8
Karachi (Ariport)	000	0	8	27	07	96	03	2	981	80	4	6	5	2	/	75	78	—	—	1.5	—	1.5	—
Nagarparker	...	...	...	...	...	...	...	..	...	...	...	...	...	..	...	...	...	—					—
Chhor																							7
Hyderabad	000	0	5	23	07	97	01	2	961	83	1	5	6	3	0	75	80	+ 5	+ 1	0.2	— 4.1	0.3	9
Badin	000	0	9	23	04	96	03	0	989	81	8	8	8	0	0	74	00	— 2	0	0.3	— 4.3	0.3	—
Padidan	000	0	0	18	05	97	02	0	959	85	0	0	9	0	0	75	82	—	—	0.8	—	0.8	—
Nawabshah	000	0	2	13	05	96	02	0	960	85	0	0	9	0	0	77	81	—	—	1.0	—	1.1	4
Sukkur	000	0	7	13	05	96	03	2	963	85	7	0	9	6	0	75	81	—	—	0.0	—	0.0	—
Kashmore	000	0	0	18	02	98	02	0	951	83	0	0	9	0	0	74	83	—	—	0.2	—	0.2	4
Jacobaba	000	0	5	13	07	97	02	0	960	87	3	0	9	3	1	78	84	— 1	+ 1	0.5	— 1.3	0.8	30
Veraval																							26
HILL STATIONS																							
Srinagar																							—
Gulmarg																							71
Sonamarg																							26
Dras																							3
Leh																							6
Skardu																							—
Misgar																							—
Aliabad																							5
Gilgit																							59
Murree	010	2	9	27	05	90	49	6	420	65	9	1	0	/	/	65	64	+ 1	+ 7	10.0	—11.5	77.6	18
Drosh	...	..	..	...	...	...	...	...	...	..	...	...	.	..	..	...	...	+ 8					29
Cherat	000	0	8	18	08	92	02	2	407	73	8	6	1	0	0	73	//	—	/	3.4	— 3.1	12.7	—
Kakul	0'5	3	8	16	07	96	95	9	///	75	8	9	3	/	/	73	75	—		9.4	—	20.1	—
Landikotal	003	0	8	30	15	94	03	2	410	79	8	7	6	/	/	77	75	—	—	0.8	—	11.4	29
Prachinar	000	0	1	00	00	96	05	0	421	77	1	0	9	4	0	65	73	+ 5	+ 8	4.0	—	14.7	13
Miranshah	000	0	0	05	05	99	00	0	395	87	0	0	9	0	0	68	81	—	—	0.5	— 2.8	2.0	11
Wana	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	—					11
Fort Sandeman	000	0	0	05	02	97	02	0	412	84	0	0	9	0	0	67	80	+ 7	+ 6	1.4	— 2.1	5.7	—
Hindubagh	000	0	0	23	03	97	02	0	442	80	0	0	9	0	0	59	64	—	—	2.7	—	6.0	9
Loralai	000	0	0	27	02	98	00	0	431	75	0	0	9	0	0	43	56	—	—	0.6	—	0.6	—
Barkhan																							14
Harnai	000	0	0	00	00	96	02	0	380	87	0	0	9	0	0	71	//	—	—	0.8	— 4.0	2.6	9
Samungli (Quetta)	000	0	0	00	00	96	05	0	412	73	0	0	9	0	0	61	64	—	—	0.5	— 0.4	3.1	8
Chaman	000	0	0	13	03	97	00	0	384	89	0	0	9	0	0	67	78	+ 3	+ 3	2.1	+ 2.0	4.8	—
Nushki	000	0	0	31	05	95	05	0	450	90	0	0	9	0	0	62	86	—	—	0.5	—	2.6	4
Dalbandin	000	0	0	00	00	96	02	0	395	82	0	0	9	0	0	41	75	+ 1	+ 2	0.0	— 0.2	0.5	7
Kalat	000	0	0	23	02	96	00	2	414	71	0	0	9	0	0	63	66	+ 1	+ 7	0.8	— 0.1	2.2	—
Khuzdar	000	0	2	23	03	96	02	0	396	81	2	0	9	3	6	69	79	—	—	1.6	—	3.0	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 ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 10th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99LaLaLa	QcLoLoLo	YYGGiw	N dd FF	VV ww W	PPP TT	NhCLhCMCH	DsVsa PP	7RR tRtR	8NsCh hs	OTsTsTdTd	1TwTwTwtT	3PwPwHwHw	dwdwPwHwHw
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Larmerkerk	99 1 85	10 5 84	09 0 63	72 4 21	97 0 22	33 8 26	62 3 07	14 4 00			0 / / 23	12 2 55	30 5 06	21 7 09

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface (PoPoPo ToToTo DoDo)	1000 mb (hhh TTTa DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	997 265 09	...	400 185 / /	073 106 41	580 031 56	054 133 60	...	245 525 / /	...	...	...	...	...
Dacca ...	00 00	997 271 41	...	370 182 33	042 126 56	579 035 6/	753 131 58	968 255 60	250 473 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	MISDA	...	...		...		...	...	...	...	...	..	—
Multan ...	00 00	980 331 57	...	350 278 48	C88 250 30	600 176 / /	785 120 / /	222 056 / /	350 065 / /	...	...	...	...	...
Peshawar ...	00 00	955 290 30	...	400 250 40	063 190 56	589 070 / /	769 000 / /	993 131 / /	...	...	...	...	...	
Quetta ...														
Sargodha ...	00 00	585 274 50	...	500 250 50	160 120 30	586 101 / /	755 191 / /	933 301 / /	214 421 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT Ta DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE PtTtPtTtTtTat	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 152 4/	800 164 37	600 042 56	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 200 25	800 158 43	600 C50 58	...	...	...	...	...	...	..	.	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	MISDA	...	...	..	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	..	.	...	..	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T.† of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	...	...		...		...	...	..	...	110 18			...	...	...	145 12	140 11	.		...	...	...	...	...	...	...
Chakla'a ...	..	140 11	135 11	035 03	280 08	...	...	...	...	...	090 06	120 07	285 07	...	...	...	100 7/	105 09	110 10	125 06	...	...	...	...	...	...
Chhor ...	...		...	...	..	...	...	...	...	...	...	...	...	...	.		..	...	...	...	...	..	...	...	...	..
Chittagong ...	1/9 21	140 /1		...	...	..	...	.	..	...	...	...	...	...	...	180 08	180 15	190 18	...	..	...	...	..	...	...	.
Cox's Bazar ...	180 18	190 19	200 19	...	..	...		.		...	No	Ascent	...	...	..	...	...	..	..	...	..	..	...	...	...	...
Dacca ...	155 17	160 17	178 11	170 14	180 16	165 14	165 12	180 11	205 13	414 19	140 16	180 14	...	185 13	...	165 11	170 17	175 20	170 06	180 17	...	.	...	..	..	...
Dalbandin ...		...	295 / /	290 11	2/5 07	2/5 /8	290 05	335 08	050 6/	...		305 40	315 11	3/5 16	330 21	.	...	095 01	360 04	345 12	310 10	295 17	230 02	165 20	...	...
D. I. Khan ...	195 22	151 7/	170 17	145 15	130 07	190 0/	340 03	335 23	...	080 13	125 13	155 13	180 12	185 06	240 07	080 10	090 12	100 13	145 11	175 11	170 07	285 03	315 09	340 10	...	...
Drosh ...	..	..	...	1/0 01	11/ 06	1/5 /3	350 03	075 03	905 0/		...	...	235 04	195 02	200 05	.	...	...	..	...	.	.	...	...	...	..
Fort Sandeman ...	...	..	...	025 02	075 02	345 05	335 10	310 06	150 6/	...	...	..	055 09	045 05	315 17	...	...	..	320 04	340 06	285 09	360 07	005 06	035 04	..	...
Jacobabad ...	145 04	130 06	095 /6	0/5 06	330 12	245 17	..	255 17	...	160 25	200 12	105 10	2/5 05	335 09	210 06	145 10	150 04	175 04	175 07	135 12	020 16	025 16	060 16	070 20	...	...
Jessore ..	175 12	180 15	190 18	195 15	200 19	...				245 11	250 17	250 22	280 14	295 10	280 09	185 06	195 08	235 11	220 13	220 10	...	...	...	...	...	..
Jhelum ...	142 50	120 10	140 07	330 03	305 14	310 1/	345 11	0/0 10	355 0/	100 15	130 16	155 11	315 06	..	.	110 03	115 11	110 06	295 03	295 11	...	...	...	...	..	...
Jiwani ..	215 0/	2/5 10	2/0 10	2/5 /3	005 03	015 08	C80 04	230 0/	245 03	175 06	170 06	...	...		...	120 05	290 07	270 10	...	...	...	..	...	.	...	...
Karachi ...	255 10	270 14	..		...		...	...	...	265 16	265 14	..		..		250 16	245 20	...	...	...	...	...	...	...		...
Khanpur .	195 10	190 15	180 16	170 12	145 04	145 12	...		...	210 08	205 09	200 11	210 13	235 06	250 19	220 21	230 23	220 24	210 27	195 25	185 17	150 17	050 30	055 04	...	...
Lahore .	10/ 11	101 3/	105 1/	185 /3	290 05	340 11	325 / /	...	325 19	145 13	165 13	140 11	200 06	290 06	...	090 12	115 10	130 06	160 04			...	.	...	...	...
Multan ...	18) 14	180 14	180 14	265 11	220 09	060 02	360 31	025 13	030 15	205 23	220 15	...	005 15	004 03	...	215 23	205 23	205 26	205 31	200 30	195 26	160 14	...	040 2/	...	...
Nawab Shah ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		..	...	...	...	...	...	...
Panjgar ...	...	...		...	...	...	...	...	...	...		...	...	...		...	...	...		..		...	...	...	...	...
Peshawar ...		045 09	090 09	165 12	195 14	270 20	...	..	.		330 04	305 04	325 05	305 05	205 07		360 06	020 01	230 07	290 09	295 23	...	...	...	...	...
Quetta ..	No		Ascent	...	...	...		...	...	No	...	Ascent				No	Ascent	...	...	...	...	...	..	...	...	...
Sargodha ...	110 06	135 05	145 (6	195 08	265 17	340 12	005 15	335 17	330 15	075 15	160 12	205 07	225 /9	295 04	055 04	095 10	125 06	150 03	220 06	270 04	285 03	020 13	...	005 15	...	...
Sylhet ...	1/0 0/	170 14	..	...	...	...	...	...	...	135 10	140 1/	155 20	...	160 16	...	..	...	...	...	...	...	..	...	..		...
Veraval .	...	...	...		...	.	...	...	...	...			...			...	...	...	..	...	...	...	..	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi																		
Peshawar ...																		
Quetta																		

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

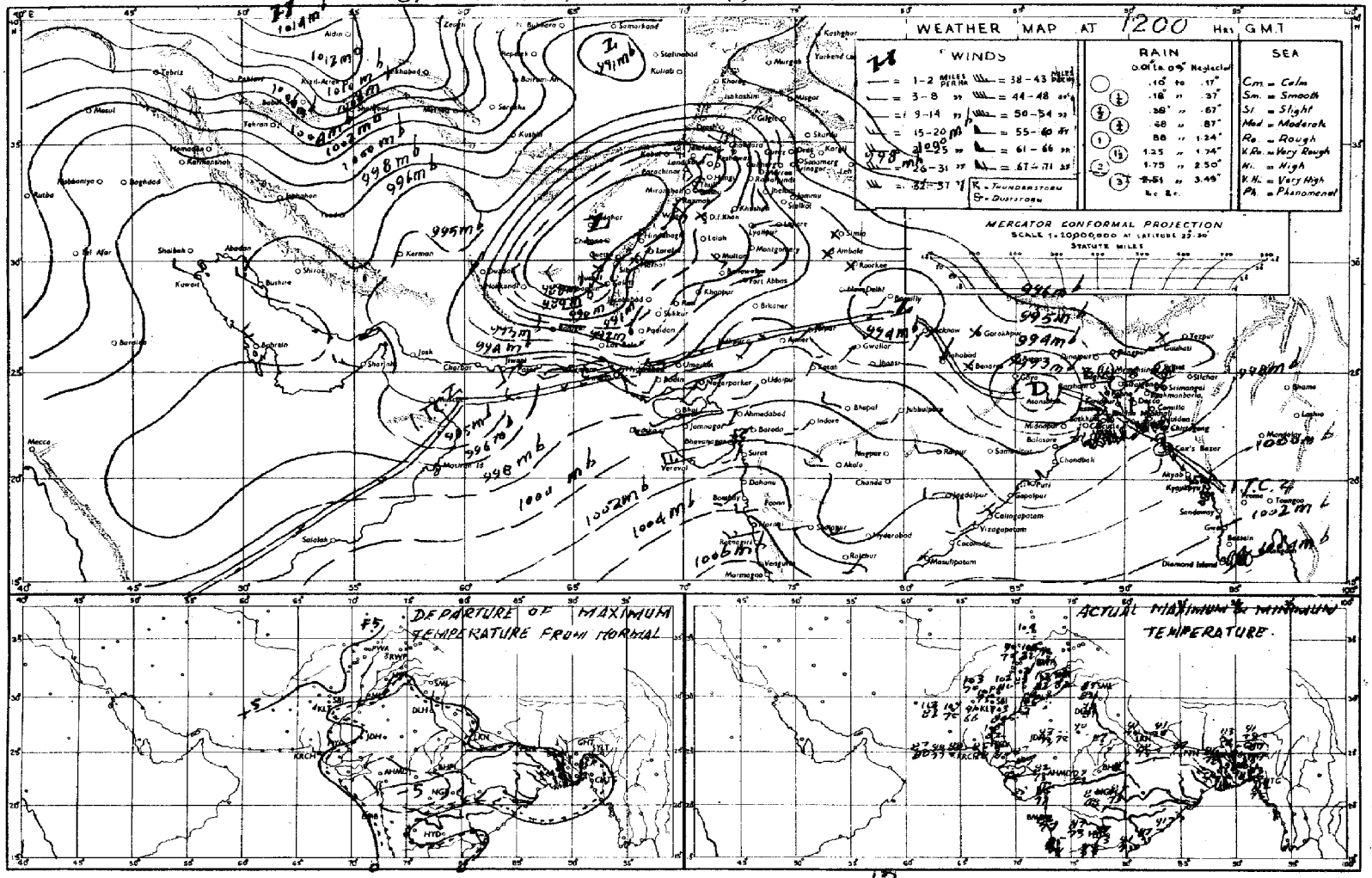
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

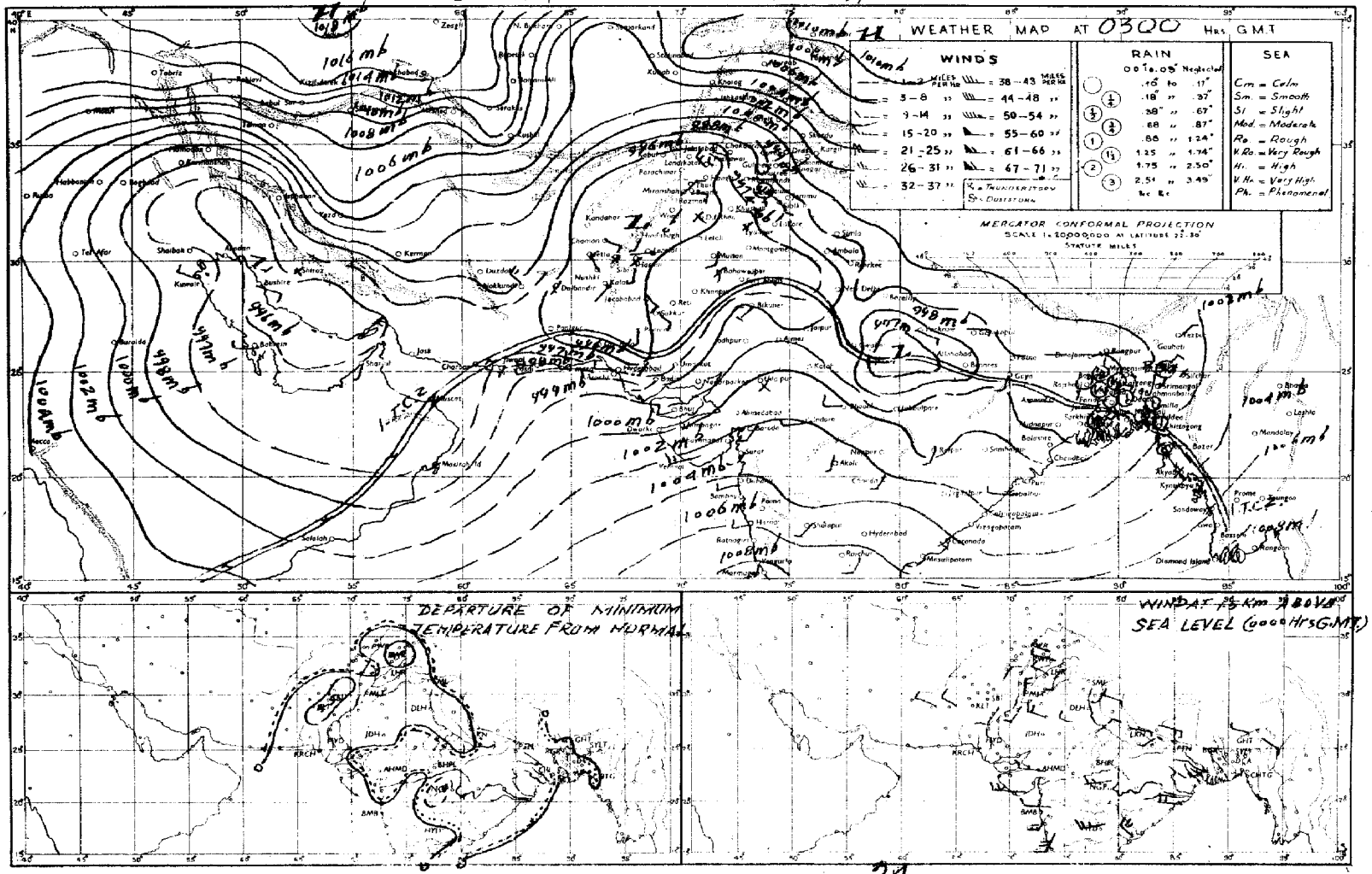
SATURDAY 9th AUGUST, 1969.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 10th AUGUST, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 11th AUGUST 1969.

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

Yesterday's well marked low pressure area has weakened and now lies as a shallow low over Uttar Perdesh. Monsoon is moderate over East Pakistan. Fairly widespread rain/thundershowers have occurred in Chittagong and Dacca divisions and scattered in Rajshahi and Khulna divisions. Shallow incursion of monsoon easterlies continues in northern division of West Pakistan. Seasonal trough of low pressure lies over Khairpur and Quetta division, local rain/thundershowers have occurred in Peshawar division scattered in Rawalpindi and Hyderabad division and a few dust/thunderstorms in Lahore and Quetta divisions.

Chief amounts of rainfall are: Dacca 2", Maijdee Court 1½", Sylhet, Chittagong and Rawalpindi 1" each and Parachinar 3/4", Chakdara, Cox's Bazar, Comilla and Sirajganj ½" each and Srimangal, Barisal, Rangpur, Murree and Kakul Mithi (upto 1200Z) 1/4" each.

Day temperatures were 2—4 °F (1—2 °C) below normal in East Pakistan, Rawalpindi, Karachi and Hyderabad division and were 3—6 °F (2—3 °C) above normal in Multan and in north eastern districts of Quetta division.

Forecast valid until the evening of 12th August 1969 :—Local rain/thundershowers are likely to occur in East Pakistan and scattered thunderstorm/showers in Peshawar, Rawalpindi, Sargodha, Lahore, Khairpur and Hyderabad division and in Kashmir.

Karachi-11
The 11th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	001	6	7	18	05	96	02	9	032	//	0	2	5	7	/	78	//
	Cox's Bazar	046	9	7	13	08	95	50	6	004	77	6	6	3	6	0	77	82
	Chittagong	036	8	7	13	08	96	02	6	998	80	4	5	4	2	0	76	82
	Maijdee Court	...	...	..	..	..	..	..	..	...	...	...	..	...	...	...	...	..
	Comilla	000	0	4	18	05	96	02	2	986	86	4	4	5	0	0	78	87
	Brahmanbaria	016	0	6	18	02	96	03	6	993	82	6	5	5	0	0	80	91
	Sylhet	001	4	8	00	00	96	17	9	982	85	6	3	4	2	/	77	87
	Srimangal	035	3	8	00	00	96	03	6	983	80	7	9	3	3	1	77	90
Dacca	Mymensingh	010	6	6	13	02	97	02	2	986	85	6	5	5	0	0	78	86
	Narayanganj	089	0	8	13	03	96	03	2	984	85	8	6	3	/	/	78	86
	Dacca (Tezgaon)	207	9	5	18	05	97	01	9	987	82	5	8	4	3	0	78	86
	Faridpur	000	0	7	6	02	96	02	2	974	85	5	4	5	/	0	78	85
Khulna	Barisal	015	9	7	18	02	97	01	6	986	80	5	8	4	7	0	78	80
	Khulna	000	0	5	0	00	97	03	0	983	85	3	1	5	7	8	80	85
	Satkhira	010	1	8	17	01	97	00	1	996	82	3	3	9	0	1	80	90
	Jessore	005	7	7	18	05	97	02	6	975	85	5	4	5	2	8	78	86
Rajshahi	Pabna	000	0	8	00	00	96	01	2	960	82	3	8	6	7	0	80	85
	Sirajganj	062	6	6	07	02	97	02	2	965	85	6	0	7	6	0	78	85
	Rajshahi	069	2	8	13	03	95	03	1	971	85	8	5	5	/	/	80	86
	Bogra	000	0	7	03	00	96	02	2	974	82	2	8	4	3	1	78	85
	Dinajpur	000	6	/	07	02	96	01	6	970	52	4	0	9	2	/	78	90
	Rangpur	000	0	5	13	02	96	01	2	957	86	1	2	6	1	0	76	93
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	004	5	6	09	03	96	01	9	952	87	4	6	5	4	0	82	87
	Sialkot	000	0	0	00	10	//	//	/	970	98	0	0	9	0	0	70	00
Rawalpindi	Jhelum	000	9	2	13	03	98	01	2	956	90	2	1	6	0	0	78	91
	Islamabad																	
	Rawalpindi	000	0	1	18	03	99	01	2	949	90	1	5	6	0	0	78	91
	Campbellpur																	
Sargodha	Khushab	000	0	0	09	//	97	06	0	972	98	0	0	9	0	0	87	98
	Sargodha	000	0	7	09	10	97	02	2	946	93	1	1	6	3	/	80	96
	Lyallpur	000	0	0	36	02	96	00	0	944	96	0	0	9	0	0	73	00
Multan	Sahiwal																	
	Multan	000	0	1	18	07	97	01	0	929	04	1	5	6	0	0	72	05
	Leiah	000	0	0	27	02	95	00	0	930	00	0	0	9	0	0	76	00
Bahawalpur	Khanpur	000	0	0	23	05	97	02	0	929	02	0	0	9	0	0	76	04
	Bahawalpur	000	0	0	00	00	96	00	0	948	04	0	0	9	0	0	70	05
	Fort Abbas	000	0	0	27	02	93	00	0	950	91	0	0	9	0	0	76	96
Peshawar	Chakdra	210	5	7	00	00	97	01	9	953	77	7	5	5	0	0	76	80
	Peshawar	000	0	7	36	05	97	02	2	941	91	1	5	6	3	0	80	93
	Haripur	000	4	5	05	03	97	03	2	966	90	5	0	9	4	0	76	//
D. I.-Khan	Bannu	000	0	6	11	00	98	03	2	920	00	2	2	7	0	0	73	02
	D. I. Khan	...	...	...	...	...	...	..	...	..	..	...	...	...	...	...	...	...
Quetta	Sibi	000	0	0	13	03	97	02	0	///	//	0	0	9	0	0	68	01
	Nokkundi	000	0	3	11	00	95	05	0	915	02	3	0	9	4	0	55	05
Kalat	Turbat																	
	Jiwani	000	0	4	08	12	96	03	2	966	84	4	6	5	0	0	84	87
	Pasni	000	0	4	//	06	97	02	0	985	87	4	0	9	0	0	75	90
Karachi division	Ormara	000	0	4	20	07	96	06	0	974	86	1	6	6	3	0	74	89
	Lasbela																	
	Karachi (Manora)	000	0	6	27	09	97	03	2	971	81	6	6	4	/	/	55	83
	Karachi (Ariport)	000	0	8	27	10	96	02	2	973	81	8	6	8	/	/	75	83
Hyderabad	Nagarparkar																	
	Chhor	000	0	6	23	08	96	01	2	986	87	3	5	6	2	0	74	91
	Hyderabad	000	0	3	23	09	97	01	:	965	88	0	0	9	2	1	75	92
	Badin	000	0	8	23	04	96	03	0	995	85	0	0	9	0	0	73	85
Khairpur	Padidan	000	0	1	00	00	97	03	0	935	03	1	0	9	3	0	72	04
	Nawabshah	000	0	1	13	10	96	01	1	945	98	0	0	9	0	1	79	02
	Sukkur	000	8	7	23	03	96	03	2	933	03	9	0	9	0	0	50	05
	Kashmore	000	0	0	18	02	98	02	0	945	02	0	0	9	0	0	75	03
	Jacobaba	000	0	0	13	07	97	02	0	981	02	0	0	9	0	0	78	03
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	003	4	9	31	05	90	49	6	417	68	4	/	0	/	/	67	78
Peshawar	Drosh *	000	0	7	23	12	94	05	4	370	96	5	8	7	7	0	60	98
	Cherat *	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	..
	Kakul *	005	7	7	18	07	96	01	9	412	80	7	4	4	0	0	74	//
	Landikotal *	000	0	0	05	05	98	02	0	388	93	0	0	9	0	0	87	95
	Prachinar *	000	2	7	13	07	96	17	9	403	85	7	9	6	0	0	50	90
D.I. Khan	Miranshah *	000	0	4	05	05	98	02	0	403	90	4	0	9	0	0	63	00
	Wana *	000	0	0	13	04	99	03	0	383	93	0	0	9	0	0	73	96
Quetta	Fort Sandeman *	000	0	6	05	10	97	17	1	378	96	5	9	7	1	2	58	04
	Hindubagh *	000	0	0	23	05	93	05	0	396	92	0	0	9	0	0	63	99
	Loralai *	000	0	0	13	02	98	00	0	431	85	0	0	9	0	0	71	96
	Barkhan *	000	0	0	13	05	98	02	0	411	99	0	0	9	0	0	65	03
	Harnai *	000	0	0	00	00	96	02	0	378	//	0	0	9	0	0	71	00
	Samungli (Quetta) *	000	0	0	27	05	96	05	0	387	00	0	0	9	0	0	65	01
	Chaman *	000	0	0	23	05	97	00	0	385	00	0	0	9	0	0	55	02
	Nushki *	000	0	0	00	00	95	05	0	452	05	0	0	9	0	0	77	06
	Dalbandin *	000	0	0	05	02	96	02	0	405	08	0	0	9	0	0	37	09
Kalat	Kalat *	000	0	0	31	03	96	00	2	390	88	0	0	9	0	0	61	99
	Khuzdar *	000	0	4	23	03	97	03	0	385	99	4	5	6	0	0	15	00
	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 † We (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	001	0	4	18	09	97	03	2	042	86	4	4	6	7	1	77	73	/	—	52.6	—	61.8	—
	Cox's Bazar	059	9	8	13	05	90	51	6	072	79	6	7	3	2	0	79	76	— 3	0	53.4	—23.2	62.1	140
	Chittagong	083	6	7	16	04	96	03	6	035	80	4	5	4	2	0	77	76	— 3	0	27.2	—24.6	83.4	108
	Maijdee Court	130	6	8	18	02	94	63	6	026	79	6	5	4	2	1	77	77		— 2	—	—	—	115
	Comilla	035	7	4	18	05	96	02	1	978	82	4	4	7	0	0	73	77	0	0	56.1	+15.1	75.3	94
	Brahmanbaria	016	0	6	18	07	97	03	2	035	82	5	6	6	0	0	77	79	—	—	29.2	— 1.8	39.0	78
	Sylhet	090	2	8	13	05	96	03	2	975	82	5	4	4	2	0	77	78	—	—	—		—	—
	Srimangal	035	9	7	09	02	96	03	6	031	82	4	9	5	7	2	77	79	0	+ 3	41.8	+ 4.2	64.2	58
Dacca	Mymensingh	010	6	6	00	00	97	02	1	022	85	6	5	5	0	0	78	83	— 2	+ 2	37.0	— 7.0	47.2	91
	Narayanganj	010	0	9	13	02	97	02	2	021	85	8	6	4	/	/	79	80	— 1	— 1	24.8	— 5.1	48.2	74
	Dacca (Tezgaon)	214	2	6	18	05	97	03	6	0 0	82	5	9	4	3	0	78	79	—		29.6	—	38.7	—
	Faridpur	003	0	6	16	02	97	60	2	011	85	4	4	5	1	0	80	80	— 2	+ 1	—	—	—	71
Khulna	Barisal	019	2	8	00	00	96	02	6	019	82	6	8	4	2	0	80	79	— 7	— 1	44.6	+ 7.8	36.2	81
	Khulna	000	0	6	00	00	97	03	0	030	86	8	6	9	0	0	85	79	— 2	+ 1	24.1	— 7.5	30.2	68
	Satkhira	000	0	6	18	01	97	01	0	996	82	0	2	9	0	1	80	79	+ 2	+ 1	18.6	—11.0	24.1	65
	Jessore	005	1	7	21	06	97	02	2	018	85	5	5	6	2	7	80	79	—	—	25.0	— 3.6	31.4	65
Rajshahi	Pabna	000	0	2	23	05	99	03	1	010	85	2	2	6	0	0	79	80	—	—	24.7	—	38.2	59
	Sirajganj	062	9	4	18	02	98	02	2	964	85	4	4	6	0	0	80	79	— 2	0	24.6	— 1.4	32.2	64
	Rajshahi	000	0	5	13	03	96	03	1	013	//	3	5	5	2	0	79	80	— 3	+ 1	27.3	—	41.4	—
	Bogra	000	0	6	08	80	96	02	2	016	86	6	8	4	3	0	79	80	— 3	+ 2	18.8	—11.4	29.8	69
	Dinajpur	000	3	4	13	02	96	01	1	012	86	4	0	9	4	0	79	80	+ 2	+ 1	36.6	+ 3.6	59.8	72
	Rangpur	020	6	7	18	02	96	03	6	991	85	3	5	6	2	0	78	80	+ 4	+ 2	41.5	+ 3.2	60.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	004	0	1	00	00	96	01	1	980	87	0	0	9	7	0	80	82	— 11	+ 3	10.2	+ 1.3	14.7	19
	Sialkot	...	-	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					32
Rawalpindi	Jhelum	000	3	6	13	02	98	03	1	985	86	2	5	7	7	0	78	80	—		11.7	—	21.0	—
	Islamabad																							
	Rawalpindi	103	2	8	00	00	97	63	6	005	77	8	5	6	0	0	77	76	— 4		6.7	— 6.9	16.7	36
	Campbellpur																							
Sargodha	Khushab	000	0	0	09	//	97	00	0	974	87	0	0	9	0	0	85	83	— 2		0.0	— 6.7	4.1	15
	Sargodha	000	0	1	09	05	97	03	0	977	87	0	0	9	0	0	80	82	—	—	10.2	—	13.8	—
	Lyallpur	000	0	0	00	00	96	00	0	978	89	0	0	9	0	0	83	85	+ 10		2.6	— 2.8	5.5	12
Multan	Sahiwal																							10
	Multan	000	0	5	18	10	97	03	1	972	90	3	0	9	3	3	75	87	+ 6	+ 4	7.6	+ 4.5	10.9	7
	Leiah	000	0	0	27	02	93	00	0	933	93	0	0	9	0	0	76	//	—	/	0.0	—	1.8	8
Bahawalpur	Khanpur	000	0	1	23	03	96	03	0	981	//	1	0	9	3	0	72	//	+ 1	/	0.0	— 3.5	0.9	4
	Bahawalpur	000	0	0	00	80	96	00	0	917	48	0	0	9	0	0	//	86	+ 4		0.6	— 2.8	1.8	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	..	...	...	..	—	...	—					8
Peshawar	Chakdra	058	2	8	00	00	96	81	9	981	76	8	3	7	/	/	76	73	—	—	29.8	—	12.4	—
	Peshawar	030	0	8	36	02	97	02	2	990	82	5	6	4	2	/	75	80	— 6	+ 1	3.2	+ 0.5	11.8	11
	Haripur	...	...	..	...	...	...	..	...	...	...	..	..	...	...	..	..	...	/					—
D. I.-Khan	Bannu	000	0	6	16	01	98	03	2	975	87	2	2	7	4	0	79	88	—	—	0.5	—	4.3	11
	D. I. Khan	000	0	0	00	00	98	00	0	971	97	0	0	9	0	0	81	83	—		1.3	— 2.8	3.7	9
Quetta	Sibi	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					5
	Nokkundi	000	0	3	31	17	96	03	0	991	84	0	0	9	0	1	45	80	—	—	0.0	—	0.3	2
Kalat	Turbat																							—
	Jiwani	000	0	8	13	10	96	03	2	001	80	5	6	5	3	8	73	79	—	—	0.0	—	2.0	5
	Pasni	000	0	4	13	02	97	02	0	002	81	4	0	9	0	0	77	78	+ 1	+ 2	0.0	— 0.8	0.0	6
Karachi division	Ormara	000	0	7	00	00	96	81	1	007	82	7	6	6	0	0	75	//	—	/	0.5	— 0.7	0.6	6
	Lasbela																							8
	Karachi (Manora)	000	0	7	27	//	96	03	2	006	79	7	0	9	2	/	76	78	— 3	— 1	1.0	— 3.6	1.1	8
	Karachi (Ariport)	000	7	7	25	09	96	02	5	003	79	5	6	5	2	0	76	77	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar																							—
	Chhor	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	—					7
	Hyderabad	000	0	8	23	09	97	03	1	995	81	8	6	5	0	0	75	79	— 4	0	0.2	— 4.2	0.3	9
	Badin	000	0	6	23	04	96	03	0	012	80	0	0	9	0	6	73	79	— 7	0	0.3	— 4.5	0.3	—
Khairpur	Padidan	000	0	0	13	05	97	02	0	986	82	0	0	9	0	0	73	75	—	—	0.8	—	0.8	—
	Nawabshah	003	0	0	18	10	96	02	0	986	83	0	0	9	0	0	74	82	—	—	1.0	—	1.1	4
	Sukkur	000	9	7	23	05	96	03	2	984	83	7	0	9	6	0	73	80	—	—	0.0	—	0.0	—
	Kashmore	000	0	0	18	02	98	02	0	983	85	0	0	9	0	0	74	83	—	—	0.2	—	0.2	4
	Jacobaba	000	0	0	18	05	96	02	0	986	85	0	0	9	0	0	77	83	— 1	+ 1	0.5	— 1.3	0.6	20
Junagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							3
	Dras **																							6
	Leh **																							—
	Skardu *																							—
	Misgar **																							5
	Aliabad *																							50
	Gilgit *																							
Rawalpindi	Murree *	035	2	8	00	00	95	03	9	440	65	8	5	2	/	/	65	63	— 2		10.3	—11.8	28.0	18
Peshawar	Drosh *	...	..	..	...	...	...	...	...	...	..	...	...	...	...	...	...	...	+ 2					29
	Cherat *	000	0	8	18	01	92	01	2	417	70	8	6	1	0	0	70	//		/	3.4	— 3.3	12.7	—
	Kakul *	034	!	8	13	02	96	65	9	427	72	8	7	4	/	/	70	70	/		9.7	—	20.5	—
	Landikotal *	000	0	8	31	05	98	02	0	204	77	9	7	6	/	/	76	76	—		0.8	—	11.4	29
	Prachinar *	075	0	1	00	00	97	02	9	424	76	1	5	6	0	0	70	68	+ 5		4.7	—	15.5	13
D.I. Khan	Miranshah *	003	0	4	05	05	98	02	0	410	84	4	0	9	0	0	72	81	—		0.5	— 2.9	2.0	11
	Wana *	...	..	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	—					11
Quetta	Fort Sandeman *	000	0	0	00	00	97	02	0	415	85	0	0	9	0	0	69	81	+ 9	+ 7	1.4	— 2.2	5.7	—
	Hindubagh *	000	0	0	23	03	97	02	0	436	75	0	0	9	0	0	66	65	—	—	2.7	—	6.0	9
	Loralai *	000	0	0	13	02	98	00	0	431	75	0	0	9	0	0	48	56	—	—	0.6	—	0.6	—
	Barkhan *	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					14
	Harnai *	000	0	0	00	00	96	02	0	380	87	0	0	9	0	0	71	//	—	/	0.8	— 4.0	2.6	9
	Samungli (Quetta) *	000	0	0	00	00	95	05	0	434	75	0	0	9	0	0	60	66	—	—	0.5	— 0.4	3.1	8
	Chaman *	000	0	0	23	03	97	00	0	425	93	0	0	9	0	0	63	78	+ 2	+ 4	2.1	+ 2.0	4.8	—
	Nushki *	000	0	0	23	08	94	05	0	485	85	0	0	9	0	0	56	81	—	—	0.5	—	2.6	4
	Dalbandin *	000	0	0	23	05	96	02	0	415	85	0	0	9	0	0	45	81	+ 1	+ 9	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	27	02	96	00	2	427	74	0	0	9	0	0	65	64	+ 9	+ 6	0.8	— 0.2	2.2	—
	Khuzdar *	000	0	0	23	03	96	02	9	416	81	0	0	9	0	0	69	79	—	—	1.6	—	3.0	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 ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 11th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_vV_sa PP	7RR t_gt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{w1}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH^*$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Laarderkerk	99 2 16	10 5 96	09 1 83	02 1 21	96 0 50	00 2 22	03 9 00	14 1 30			00 / 21	12 0 82	30 5 06	21 7 09

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
		$P_0P_0P_0$ $T_0T_0T_0$ D_0D_0	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	999 252 10	...	410 176 / /	076 094 42	580 401 57	753 125 61	967 273 62	246 489 / /	...	...	...	...	...
Dacca ...	00 00	999 240 12	...	400 180 20	071 102 22	581 041 07	755 193 58	969 269 59	248 493 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	MISDA												
Multan ...	00 00	582 314 58	...	400 230 20	071 186 59	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	957 284 34	...	380 236 45	052 164 57	584 014 / /	760 081 / /	977 225 / /	...	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	586 290 40	...	500 254 58	178 100 50	588 061 / /	760 155 / /	711 291 / /	303 391 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD								Max. Wind Speed	TROPOPAUSE	
										PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 196 27	800 152 28	600 034 50	350 187 67	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 204 10	800 150 18	600 038 49	350 197 57	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T† of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	175 12	190 13	195 13	183 10	175 12	...	...	...	...	170 06	170 04	145 04	...	156 06	...	090 08	110 06	105 05	...	...	...	...	...	...	...	...
Chak'a'a ...		125 07	110 06	060 02	135 01	...	...	...	...		060 12	130 12	180 04	...		...	080 04	085 06	330 04	290 15	310 11	285 21	...	...	...	...
Chhor ...	275 15	215 15	210 09	...	...	...	...	...	...	205 16	207 07	190 25	...	195 26	...											
Chittagong ...	160 21	160 22	178 19	165 17	...	...	...	...	...				...	...	...	150 12	165 10	175 / /	220 05	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	140 15	150 15	160 17	...	...	...	...	...	110 03	...	...	...	...	...	...	...	...
Dacca ...	155 07	170 11	175 13	185 14	180 08	160 09	...	...	...	145 15	150 13	240 10	...	195 05	...	150 17	150 11	155 12	...	...	...	...	...	...	...	...
Dalbandin ...		140 03	180 02	220 02	256 03	245 06	340 01	345 07				255 09	265 08	235 07	285 11			070 11	025 05	345 05	295 04	285 04	...	...	...	...
D. I. Khan ...	130 04	155 / /	155 08	140 17	140 18	200 13	300 15	340 19	005 09	080 10	125 13	161 00	195 09	205 09	247 07	045 08	060 10		095 11	130 11	175 12	200 02	295 09	...	...	...
Dresh ...			...	231 12	210 16	190 12	270 12						235 02	200 00	295 07				320 05	340 02	310 02	320 14	305 13	165 22	015 21	...
Fort Sandeman ...			...	335 02	355 06	020 31	095 05	055 03	305 04				050 06	065 04	295 21				330 05	340 02	310 02	310 14	305 13	315 07	...	...
Jacobabad ...	145 13	185 13	185 10	155 08	200 01	070 13	035 02	025 02	...	150 12	160 20	200 22	200 09	080 06	040 05	170 15	155 09	170 08	178 08	175 09	210 04	330 08	325 10	315 10	...	...
Jessore ...	175 15	190 15	215 11	220 10	235 07	...	...	...	...	215 13	225 11	215 12	230 13			230 01	225 01	215 03	195 02	185 0	110 02	...	...	...	...	...
Jhelum ...	110 10	110 13	110 10	355 06	315 13	290 15	350 04	320 13	330 11	100 08	110 12	130 08	250 09	255 19	340 08	090 03	130 83	115 03	No	250 04	275 12	...	...	...	...	...
Jiwani ...	...	...	...	...	...	...	...	...	...	115 09	110 08	...	...	...	...	115 08	165 08	...	...	...	...	...	...	...	...	...
Karachi ...	145 13	235 13	...	...	...	...	...	...	...	760 12	260 11	...	...	...	...	240 12	245 16	...	...	...	...	...	...	...	...	...
Khanpur ...	215 10	215 08	220 10	155 07	155 04	105 04	045 11	360 18	085 11	210 13	230 13	240 13	250 15	235 17	200 15	230 13	230 13	240 21	250 15	325 17	200 15	...	...	...	...	...
Lahore ...	850 6/	115 07	120 06	360 05						100 6/	165 06	230 04	235 04	280 08	335 14	060 04	060 04	005 15	295 01	303 21	325 27	...	...	...	...	...
Multan ...	185 11	180 17	185 18	180 15	195 06	360 10	010 23	010 20	010 21	215 14	230 16	200 10	235 05	340 04	020 11	190 19	210 15	210 31	200 29	185 08	180 05	010 10	005 25	030 21	...	...
Nawab Shah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	030 04	045 04	173 08	220 13	260 10	...	...	...	350 11	315 08	250 10	270 15	300 29		No	Ascent									
Quetta ...	...	...	Ascent	...	...	...	...	...	...	No	Ascent															
Sargodha ...	095 10	100 13	185 67	260 02	210 03	...	...	...	...	115 01	115 05	175 12	235 15	290 13	290 23	090 06	120 05	165 05	240 08	240 67	270 04	265 06	...	...	...	...
Sylhet ...	275 06	210 04	195 11	...	190 06	...	...	...	...	180 10	210 12	230 08	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...																		
Peshawar ...																		
Quetta ...																		

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

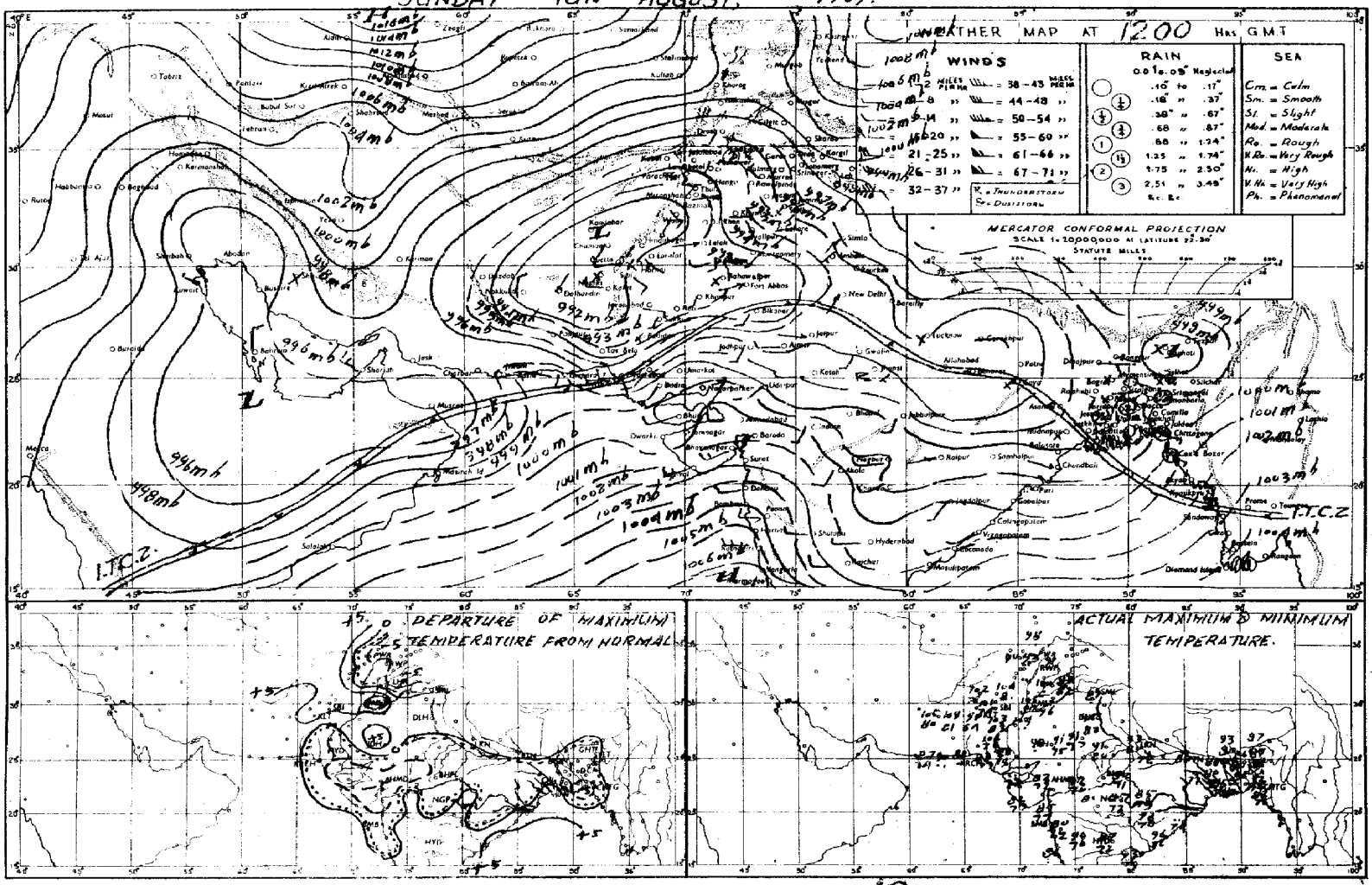
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
ff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

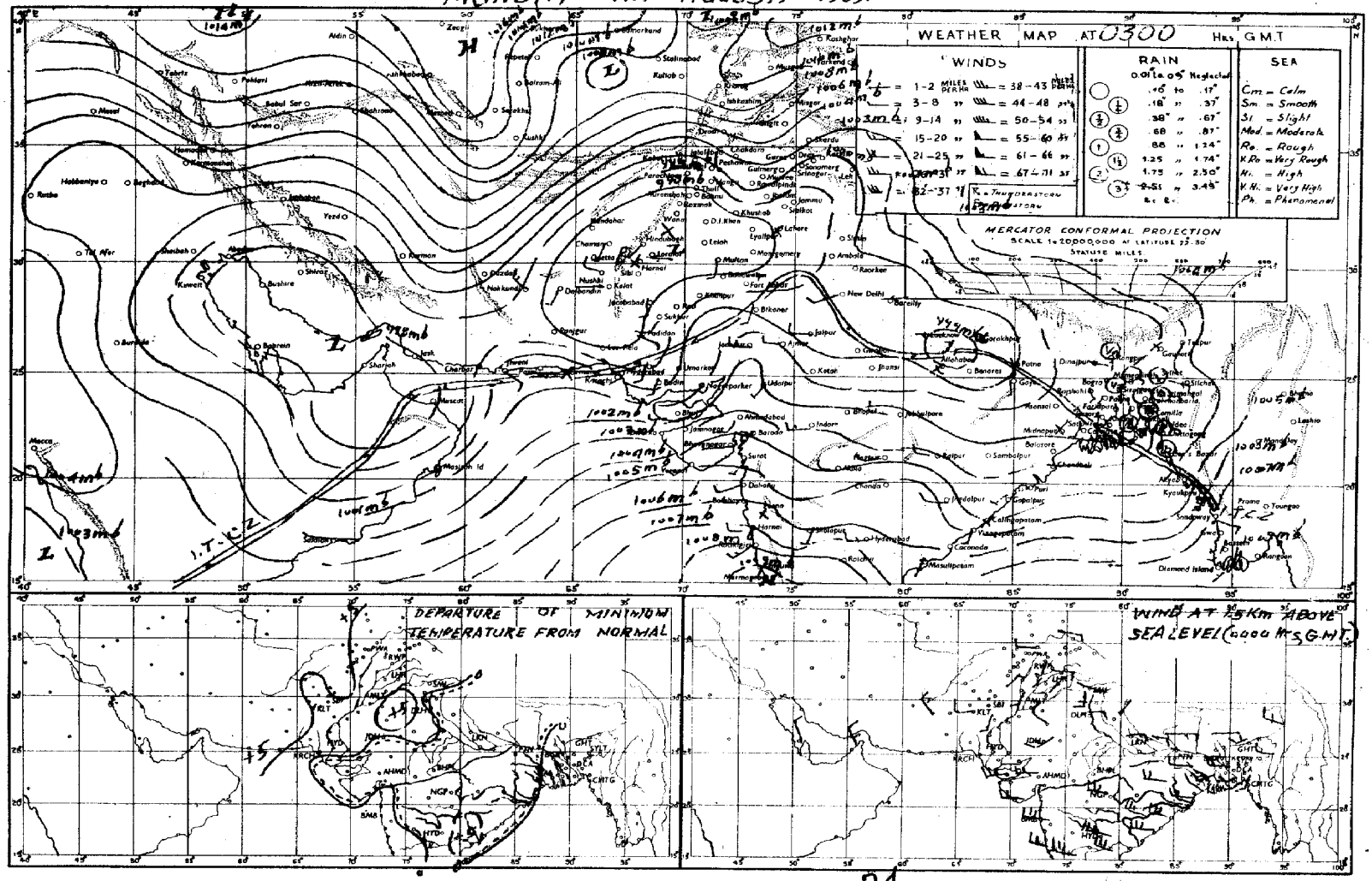
SUNDAY 10th AUGUST, 1969.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 11th AUGUST, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

TUESDAY THE 12th AUGUST 1969.

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

The Monsoon trough has shifted slightly northwards. Monsoon has been active over east Pakistan. Rain/thundershowers were widespread in Khulna division, fairly widespread in Chittagong and Dacca divisions and local in Rajshahi division. Seasonal trough of low pressure lies over Quetta division and neighbourhood. Shallow incursion of Moist easterlies continues in the northern districts of West Pakistan. Rain/thundershowers local in Rawalpindi division and scattered in Peshawar division. A few thunderstorms/light showers occured in Lahore and Sargodha divisions.

Chief amounts of rainfall are: Rawalpindi 5" Jhelum 4", Brahmanbaria 2", Khulua 1½", Satkhira and Kakul 1" each, Cox's Bazar 3/4", Rangamati, Chittagong, Srimangal, Mymensingh and Jessore ½" each Narayanganj, Maijdee Court (upto 0000Z) Rajshahi and Bogra 1/4" each.

Day temperatures were 3—5 °F (2—3 °C) above normal in Rajshahi, Sargodha, Multan and D. I. Khan divisions.

Forecast valid until the evening of 13th August 1969 :— Fairly widespread rain/thundershowers are likely over in East Pakistan and scattered in Peshawar, Rawalpindi, Lahore, Sargodha and Multan divisions and in Kashmir.

EARTH QUAKE :—Seismograph of geophysical centre Quetta recorded an earth quake of violent intensity on 12th August 1969 at 02 hours 37 miniutes W.P.S.T. The epicentre lies about 4400 miles northeast of Quetta, near northern Japan.

Karachi-11
The 12th August, 1969.

(ZARIF AHMED)
for Director, Meteorological Service.

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

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 Clud † Nh (13)	Low Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	040	4	9	18	02	97	60	6	014	79	9	/	4	/	/	77	87
	Cox's Bazar	037	9	8	18	12	95	60	6	003	77	5	3	3	6	/	77	81
	Chittagong	000	0	7	18	10	96	02	7	003	82	6	4	4	8	2	77	87
	Maijdee Court	000	0	4	18	02	96	03	2	993	82	6	2	5	0	0	79	84
	Comilla	000	0	4	18	05	96	02	1	993	86	4	4	7	0	0	79	87
	Brahmanbaria	000	0	6	18	05	97	03	1	990	84	4	5	5	0	0	77	90
	Sylhet	000	9	7	00	00	96	02	2	985	86	6	3	4	3	0	77	87
	Srimangal	030	5	4	00	00	96	02	6	980	87	2	9	5	2	/	85	91
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Narayanganj	000	0	6	13	02	96	02	2	986	87	6	3	4	/	/	81	//
	Dacca (Tezgaon)	015	8	3	18	05	97	12	6	986	84	1	2	5	2	0	77	90
	Faridpur	000	0	4	16	02	97	02	2	967	84	3	4	5	/	0	79	90
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna	125	2	6	13	05	97	03	0	992	82	4	2	4	0	0	91	82
	Satkhira	026	0	6	18	01	97	01	0	988	81	2	3	7	/	0	79	90
	Jessore	040	8	7	18	03	96	11	9	987	79	6	0	3	2	0	79	91
Rajshahi	Pabna	006	6	8	23	05	96	29	6	985	82	7	9	6	7	/	79	94
	Sirajganj	000	0	2	18	01	97	01	1	972	84	2	2	6	0	0	79	87
	Rajshahi	033	4	6	00	00	96	03	9	981	84	6	7	5	0	0	78	91
	Bogra	024	7	6	13	02	96	02	6	977	81	3	4	4	3	0	79	90
	Dinajpur	000	3	3	09	03	96	01	1	969	90	3	0	9	4	/	79	91
	Rangpur	000	0	2	13	02	96	01	1	957	87	1	1	6	1	0	77	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	9	5	09	02	98	02	2	926	96	2	1	8	0	2	80	96
	Islamabad																	
	Rawalpindi	013	8	3	05	02	99	03	6	935	92	0	0	9	0	4	79	94
	Campbellpur																	
Sargodha	Khushab	000	0	0	09	//	97	00	0	932	03	0	0	9	0	0	94	03
	Sargodha	000	0	3	05	03	97	02	/	929	00	2	8	6	0	1	79	03
	Lyallpur	000	0	4	02	02	96	02	0	921	98	4	0	9	4	0	72	03
Multan	Sahiwal																	
	Multan	000	0	0	18	07	97	02	0	929	03	0	0	9	0	0	73	05
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	Khanpur	000	0	3	23	06	97	03	0	936	03	0	0	9	0	1	73	03
	Bahawalpur	000	0	0	00	00	96	00	0	955	03	0	0	9	0	0	70	05
	Fort Abbas	///	/	0	03	02	98	00	2	927	//	0	0	9	0	0	78	//
Peshawar	Chakdra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Haripur																	
D. I. Khan	Bannu	000	0	7	13	02	98	03	2	910	00	1	2	7	0	7	79	03
	D. I. Khan	000	0	0	00	00	98	00	0	213	87	0	0	9	0	0	82	05
Quetta	Sibi	000	0	0	13	03	97	02	0	///	//	0	0	9	0	0	62	//
	Nokkundi	000	0	0	01	09	96	02	0	918	06	0	0	9	0	0	54	08
Kalat	Turbat																	
	Jiwani	000	0	0	18	16	96	01	2	977	85	0	0	9	0	0	75	87
	Pasni	000	0	4	25	10	97	02	0	007	87	4	0	9	0	0	77	88
Karachi division	Ormara	000	0	1	25	25	96	04	4	986	85	1	6	6	0	0	76	86
	Lasbela																	
	Karachi (Manora)	000	0	3	25	07	97	03	0	986	83	3	6	4	0	0	76	84
	Karachi (Ariport)	000	0	7	23	12	76	02	2	988	83	7	6	5	0	0	76	85
Hyderabad	Nagarparker	000	0	6	23	02	97	02	0	020	83	6	6	0	0	0	78	89
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hyderabad	000	0	3	23	09	97	02	1	974	90	1	5	6	0	1	73	93
	Badin	000	0	8	23	08	96	03	0	001	88	0	0	9	0	8	73	90
Khairpur	Padidan	000	0	0	23	05	97	02	0	943	02	0	0	9	0	0	71	03
	Nawabshah	000	0	2	18	14	96	02	0	954	97	2	0	9	9	0	76	01
	Sukkur	000	0	7	13	03	96	03	2	940	04	7	0	9	6	0	59	04
	Kashmore	000	0	0	18	02	98	02	0	954	02	0	0	9	0	0	75	03
	Jacobabad	000	0	0	18	07	97	02	0	938	00	0	0	9	0	0	77	01
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Drosh *																	
	Cherat *	000	0	3	18	05	98	01	2	416	82	3	1	7	0	0	82	85
	Kakul *	005	2	8	18	05	95	05	9	430	79	8	4	3	/	/	70	81
	Landikotal *	000	0	4	31	05	92	01	/	391	85	4	3	9	3	0	80	90
	Prachinar *	004	2	7	16	05	97	95	9	404	82	5	9	5	6	0	72	87
D.I. Khan	Miranshah *	000	0	4	05	05	98	02	0	402	91	4	0	9	0	0	70	98
	Wana *	000	0	0	18	35	98	03	1	419	87	0	0	9	0	0	87	95
Quetta	Fort Sandeman *	000	0	0	00	00	97	02	0	475	//	0	0	9	0	0	39	03
	Hindubagh *	000	0	0	27	03	//	04	0	366	97	0	0	9	0	0	68	02
	Loralai *	000	0	0	13	02	98	00	0	431	//	0	0	9	0	0	69	99
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	378	//	0	0	9	0	0	71	00
	Samungli (Quetta) *	000	0	3	15	12	95	05	0	404	95	0	0	9	0	0	72	99
	Chaman *	000	0	0	23	05	97	00	0	415	99	0	0	9	0	0	69	00
	Nushki *	000	0	0	31	03	95	05	0	483	03	0	0	9	0	0	76	04
	Dalbandin *	000	0	0	05	03	95	02	0	416	96	0	0	9	0	0	38	07
Kalat	Kalat *	000	0	0	31	02	96	02	0	398	87	0	0	9	0	0	54	93
	Khuzdar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

Divisions	Stations	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather W (27)	Sea level pressure (mbs. and tenths) * PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	052	9	6	18	05	97	02	6	038	80	4	4	6	7	0	78	77	—	—	53.2	—	62.3	—
	Cox's Bazar	069	9	8	13	08	96	03	2	029	80	4	4	4	2	0	78	76	— 4	0	54.1	−23.6	62.8	140
	Chittagong	049	9	7	13	08	96	02	6	026	80	3	4	4	3	0	77	75	+ 2	— 1	27.2	−25.0	84.0	108
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2			—		115
	Comilla	000	0	4	18	05	96	02	1	019	82	4	4	7	0	0	77	77	0	0	56.1	+15.5	75.3	94
	Brahmanbaria	000	0	5	31	05	97	03	1	022	85	3	4	5	3	0	77	79	—	—	29.2	−24.0	38.2	78
	Sylhet	176	9	8	00	00	96	02	6	018	80	5	5	4	2	/	77	77	—	—	—	—	—	—
	Srimangal	038	9	8	00	00	96	03	9	030	82	7	9	4	7	2	77	77	+ 1	+ 1	42.3	+ 4.0	64.5	98
Dacca	Mymensingh	030	2	6	00	00	97	02	5	029	80	6	5	5	0	0	80	79		+ 1	31.3	−72.0	47.5	91
	Narayanganj	028	2	8	13	02	97	03	6	017	97	6	6	4	/	1	80	79	/	0	25.1	— 5.3	48.5	74
	Dacca (Tezgaon)	012	9	6	13	02	97	02	6	017	86	6	8	4	3	0	78	80	—	—	28.7	—	38.8	—
	Faridpur	007	0	8	16	02	97	60	2	014	82	4	4	5	1	6	78	80	+ 3	+ 1	—	—	—	71
Khulna	Barisal	015	9	7	00	00	97	02	2	915	80	5	4	4	2	0	77	79		+ 1	44.7	+ 7.5	36.3	81
	Khulna	125	9	1	61	05	97	03	0	016	82	4	2	4	0	0	//	77	— 5	— 1	15.3	— 6.7	31.4	68
	Satkhira	117	0	6	18	03	97	01	0	996	82	2	0	9	0	1	80	79	+ 2	— 1	20.0	−10.2	25.2	65
	Jessore	041	9	8	16	06	96	05	9	013	82	6	7	2	2	/	78	77	—	—	25.5	— 3.6	31.8	65
Rajshahi	Pabna	015	9	5	13	05	98	03	9	007	87	4	2	6	3	0	80	79	—	—	25.0	—	38.4	59
	Sirajganj	000	0	6	13	01	98	03	1	012	85	6	2	6	0	0	79	79	0	0	24.6	—	32.2	64
	Rajshahi	033	9	7	09	02	95	03	1	016	82	7	7	5	/	/	78	79	+ 3	0	27.9	—	41.7	—
	Bogra	024	0	6	09	02	96	03	2	015	82	4	5	4	7	2	78	80	+ 2	— 2	19.1	−11.5	33.1	69
	Dinajpur	000	0	0	13	02	96	00	0	010	87	0	0	9	0	0	77	80	+ 2	+ 1	36.6	−13.1	59.8	72
	Rangpur	000	0	4	13	02	96	00	0	989	85	2	2	6	1	0	77	80	+ 5	+ 2	41.5	+ 2.8	60.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	001	2	8	05	03	95	60	5	007	79	6	6	5	2	/	78	78		— 1	10.2	+ 1.1	14.7	19
	Sialkot	200	0	0	20	00	//	00	0	055	76	0	0	9	0	0	67	49	—	—	—	—	—	32
Rawalpindi	Jhelum	359	7	8	13	02	97	91	9	097	76	6	3	9	2	/	//	73	—	—	15.3	—	24.6	—
	Islamabad																							—
	Rawalpindi	512	2	8	13	02	98	02	9	987	76	9	5	6	1	0	54	72	0	— 3	11.9	— 2.2	21.8	36
	Campbellpur																							—
Sargodha	Khushab	000	0	8	07	//	96	02	2	980	85	5	5	8	5	0	85	82	+	+ 1	0.0	— 6.8	4.1	15
	Sargodha	000	4	8	09	12	97	02	9	993	80	1	9	6	2	2	73	78	—	—	10.2	—	13.8	—
	Lyallpur	005	1	4	50	//	96	02	5	992	80	5	4	8	0	0	75	79	+ 5	— 1	2.6	— 2.8	5.6	12
Multan	Sahiwal																							10
	Multan	000	0	7	13	10	96	07	1	979	87	5	0	9	7	2	72	85	+ 6	+ 3	7.6	+ 4.4	10.9	7
	Leiah	000	0	8	18	02	93	00	0	951	94	0	0	9	0	0	82	85	—	—	0.0	—	1.8	8
Bahawalpur	Khanpur	000	0	5	23	03	96	02	2	976	73	0	0	9	0	1	72	80	0	— 1	0.0	— 3.6	1.0	6
	Bahawalpur	000	9	1	00	00	95	30	3	982	87	0	0	9	0	0	56	85	+ 4	+ 4	0.6	— 2.8	1.8	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdra	000	0	7	00	00	97	03	2	950	00	7	5	6	0	0	77	73		—	3.0	—	12.4	—
	Peshawar	000	0	7	36	03	96	65	2	975	82	1	7	4	0	7	79	80		+ 1	3.2	+ 0.4	11.8	11
	Haripur																							—
D. I. Khan	Bannu	000	0	7	13	01	98	06	2	961	90	2	2	7	0	7	77	87	—	—	0.5	—	4.3	11
	D. I. Khan	000	3	8	13	02	97	06	0	977	96	0	0	9	0	0	77	81	+ 5	+ 5	—	—		9
Quetta	Sibi	000	0	0	18	03	97	02	0	969	88	0	0	9	0	0	48	87	/	/	0.2	—	2.0	5
	Nokkundi	000	0	0	07	02	56	02	0	989	85	0	0	9	0	0	49	81	—	—	0.0	—	0.3	2
Kalat	Turbat																							—
	Jiwani	000	0	6	13	07	96	03	2	998	81	6	6	5	0	8	74	79	—	—	0.0	—	2.0	5
	Pasni	000	0	4	23	00	97	02	0	996	81	4	0	9	0	0	//	78	0	+ 2	0.0	— 0.8	0.0	6
Karachi division	Ormara	000	0	7	20	05	96	06	0	004	81	7	6	6	0	0	75	//	—	/	0.0	— 0.7	0.6	6
	Lasbela																							8
	Karachi (Manora)	000	0	5	27	09	96	03	2	001	80	3	6	4	2	/	76	79	— 1	— 0	10.0	— 3.7	1.1	8
	Karachi (Ariport)	000	0	8	25	07	96	03	2	999	81	3	6	4	2	/	77	77	—	1	1.5	—	1.5	—
Hyderabad	Nagarparker	000	0	6	18	02	96	02	0	050	78	6	6	6	0	0	77	76	—	—	0.0	—	0.0	—
	Chhor	000	0	6	23	10	96	01	2	005	80	3	5	6	2	0	74	78	—	—	0.2	—	0.3	7
	Hyderabad	000	0	8	23	07	97	03	2	988	82	6	6	5	2	0	74	50	— 2	+ 1	0.2	— 4.3	0.3	9
	Badin	000	0	8	23	04	96	03	0	007	79	0	0	9	0	8	74	//	— 2	/	0.3	— 4.6	0.3	—
Khairpur	Padidan	000	0	0	18	05	96	02	0	969	83	0	0	9	0	0	73	80	—	—	0.0	—	0.8	—
	Nawabshah	000	0	0	13	10	//	02	0	973	84	0	0	9	0	0	77	//	—	—	1.0	—	1.1	4
	Sukkur	000	9	6	16	09	96	03	2	971	82	7	0	9	6	0	75	//	—	— /	0.0	—	0.0	—
	Kashmore	000	0	0	18	05	98	02	0	989	84	0	0	9	0	0	74	81	—	— /	0.2	—	0.2	4
	Jacobabad	000	0	5	09	15	//	03	1	975	85	0	0	9	0	4	76	82	— 3	+ 0	0.5	— 1.4	0.8	20
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	007	2	8	23	02	97	03	6	431	66	8	5	4	/	/	64	62		+ 5	10.4	−11.4	28.0	18
Peshawar	Drosh *																							29
	Cherat *	000	0	8	18	05	93	02	2	433	72	8	6	1	0	0	72	//	—	/	3.4	— 3.5	12.7	—
	Kakul *	116	9	8	36	02	95	03	2	430	73	8	3	4	/	/	72	//	—	/	11.0	—	21.6	—
	Landikotal *	000	0	4	05	05	//	//	/	211	80	4	3	9	3	0	77	75	—	/	0.8	—	11.4	29
	Prachinar *	000	0	7	13	02	96	03	1	432	76	6	5	5	3	0	72	74	—	—	4.7	—	15.5	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	398	87	0	0	9	0	0	58	85	—	—	0.5	— 2.8	2.0	11
	Wana *	000	0	0	13	02	99	00	0	465	85	0	0	9	0	0	79	72	—	—	—		—	11
Quetta	Fort Sandeman *	000	0	0	00	00	97	02	0	405	86	0	0	9	0	0	44	80	+ 4	+ 6	1.4	— 2.2	5.7	—
	Hindubagh *	000	0	0	23	03	96	02	0	423	78	0	0	9	0	0	52	60	—	—	2.7	—	6.0	9
	Loralai *	000	0	0	18	02	98	00	0	431	75	0	0	9	0	0	48	56	—	—	0.6	—	0.6	—
	Barkhan *																							14
	Harnai *	000	0	0	00	00	96	02	0	380	84	0	0	9	0	0	73	//	—	/	0.8	— 4.1	2.6	9
	Samungli (Quetta) *	000	0	0	00	00	96	05	0	434	74	0	0	9	0	0	49	66	—	—	0.5	— 0.5	3.1	8
	Chaman *	000	0	0	13	03	97	00	0	430	32	0	0	9	0	0	58	77	+ 1	+ 3	2.1	+ 2.0	4.7	—
	Nushki *	000	0	0	33	03	95	05	0	484	83	0	0	9	0	0	53	79	—	—	0.5	—	2.6	4
	Dalbandin *	000	0	0	31	02	95	05	0	421	84	0	0	9	0	0	37	78	0	+ 6	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	31	02	97	02	0	425	72	0	0	0	0	0	41	62	+ 3	+ 4	0.8	— 0.2	2.2	—
	Khuzdar *	000	0	0	00	00	//	02	0	396	83	0	0	9	0	0	59	81		—	1.6	—	3.0	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 ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 12th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_at_R	8$N_sCh_sh_s$	$OT_sT_sT_dT_d$	1$T_wT_wT_{w_1}T$	3$P_wP_wH_wH_wd_wd_wP_wH_wH$	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dosina	99 1 61	10 6 65	12 3 63	82 3 20	97 0 22	09 8 76	...	...	...	85 4 / /	0 / / 23	12 6 42	30 6 06	20 0 09
Dosina	99 9 19	10 6 35	11 4 23	82 3 24	97 0 22	03 8 25	...	...	...	85 4 / /	0 / / 24	12 6 06	30 7 07	...
Dosina	99 1 93	10 6 29	11 3 63	82 3 21	97 0 32	04 8 24	...	...	...	85 4 / /	0 / / 21	12 5 22	30 4 06	20 0 09
Dorecrat'e	99 1 91	10 5 88	11 0 63	32 2 24	97 0 50	12 7 25	32 4 00	13 4 06	...	...	...	12 4 46	30 3 03	22 2 04
Bordercastel	99 1 79	10 5 83	11 0 03	22 2 41	97 1 51	09 6 24	32 4 00	13 6 12	...	...	0 / / 23	12 3 82	30 3 03	22 2 04
Isocardia	99 1 59	10 5 88	11 0 73	82 3 18	16 0 22	02 6 21	55 5 73	43 2 / /	...	...	03 4 00	11 4 00	30 5 03	21 9 05
Kostrulan	99 1 49	10 6 01	10 1 20	01 7 09	57 8 11	97 0 18	00 9 00	44 7 10	...	...	05 6 66	12 1 00	30 4 04	...
Mossmstella	99 1 93	10 6 55	11 3 63	42 2 18	97 0 11	05 4 27	20 6 38	...	...	...	0 / / 23	12 8 80	33 0 03	22 6 06
Meralda	93 1 93	10 5 88	11 0 64	81 1 19	97 4 23	04 3 23	85 3 / /	...	...	84 3 06	05 5 21	14 5 06	30 2 03	22 6 06
Almahroosa	99 2 23	10 6 17	11 0 03	81 5 16	99 0 22	10 0 00	85 0 03	...	72 4 00	...	05 1 25	...	33 5 03	2 5 5 06
Almahroosa	99 2 24	10 6 12	11 0 63	82 5 11	98 0 22	00 2 23	75 6 50	...	72 0 02	...	05 3 23	...	30 5 03	25 5 06
Rustom	99 1 23	10 6 87	11 0 63	82 5 18	98 0 22	05 / 18	...	...	...	...	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PoPoPo ToToTo DoDo	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 TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	999 255 03	...	90/ 166 03	085 102 13	582 015 33	756 125 57	970 261 59	240 249 / /	...	...	...	...	...
Dacca	00 00	000 207 2/	...	400 200 29	093 122 26	585 025 57	760 109 51	976 249 59	259 477 / /	...	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	MISDA												
Multan	00 00	581 105 8/	...	280 260 56	949 200 43	570 051 / /	741 155 / /	955 215 / /	249 331 0/	...	...	...	...	...
Peshawar	00 00	555 288 33	...	400 274 40	069 200 57	590 099 2/	771 011 / /	994 141 / /	290 325 / /	...	...	...	...	...
Quetta														
Sargodha	00 00	983 260 40	...	400 284 61	160 150 40	589 075 / /	756 171 / /	004 096 7/	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD							Max. Wind Speed	TROPOPAUSE
									PmPmPm dmdm fmfmfm	$P_tT_tP_cT_cT_aT_{2a}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	900 208 05	800 154 10	600 034 22	350 187 57	...	...	...	...	...	...	...	...
Dacca	00 00	900 230 17	800 176 29	600 052 40	350 171 56	...	...	...	...	...	...	...	...
Gilgit													
Jiwani													
Karachi	00 00	MISDA											
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta													
Sargodha	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.

hhh—(haights) 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.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd fff): 0.3	0.6	0.9	1.5	2.1	3.4	5.4	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	135 09	150 09	155 06	115 06	110 08					120 84	105 06	090 07	065 07	085 10	075 12	100 04	110 09	120 09	...	290 13	...	...	...	...	...	...
Chaklala		015 03	/50 05	051 1/	255 14	280 17	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong	200 17	200 17	205 21	210 24	...	...	...	...	...	205 08	220 12	220 12	230 14	...	...	150 16	155 52	150 20	140 21	140 15	120 11	...	...	...	...	...
Cox's Bazar	195 11	205 10	210 00	215 11	...	...	...	...	...	...	...	...	...	...	...	...	...	No	...	...	...	...	...	...	...	...
Dacca	195 10	190 13	190 13	183 12	160 09	130 07	115 13	110 15	...	080 14	095 10	095 05	...	075 10	...	105 10	110 12	115 13	...	...	...	...	...	...	...	...
Dalbandin		...	/00 5/	105 05	225 03	320 11	265 14	305 06	325 13	...	045 02	330 08	315 12	835 12	330 08	...	...	065 03	059 01	355 06	305 11	290 13	305 12	305 11	...	...
D. I. Khan	185 06	165 09	160 12	155 15	170 13	155 07	285 11	325 17	320 20	195 06	205 03	195 06	210 09	245 08	355 05	085 09	140 9/	140 09	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	050 01	355 05	230 04	290 20	305 11	285 07	...	...	...	230 01	290 09	305 25	...	...	...	355 03	035 03	350 04	315 17	320 16	315 14	...	...
Jacobabad	175 09	195 09	250 8/	235 03	010 06	015 15	025 15	040 15	050 19	165 08	185 12	205 2/	235 09	225 04	300 09	165 15	170 15	155 11	154 10	195 14	125 12	005 14	345 24	350 25	...	...
Jessore	No	Ascent								...	...	...	...	...	...	145 04	130 05	125 04		120 05	...	...	...	...	...	...
Jhelum	110 05	175 06	225 08	320 10	320 18	320 20	325 15	331 8/	300 12	No	Ascent	...	...	...	...	150 12	135 12	125 16	110 23	095 24	...	...	...	...	...	...
Jiwani	195 08	185 05	145 06	040 09	005 08	020 14	040 06	050 11	050 8/	120 05	110 06	...	...	...	...	140 08	038 04	360 07	300 09	283 06	015 12	340 12	120 03	155 06	...	...
										245 10						245 20	245 15									
Karachi	240 14	255 12								235 15	220 13	230 15	265 14	285 09	300 13	210 91	210 19	205 20	200 30	185 37	205 50	252 40	260 16	235 13	...	...
Khanpur	220 13	025 11	215 15	225 12	215 04	300 08	020 13	050 19	070 20	205 27	215 28	215 38	235 47	...	...	158 15	160 17	155 17	135 12	...	...	...	...	...	...	...
Lahore	070 04	040 03	3.5 02	275 04	315 11	...	...	...	...	140 10	165 12	185 07	235 05	...	...	140 37	165 34	185 35	205 43	295 41	...	...	...	...	...	...
Multan	200 15	200 27	200 29	225 19	215 09	335 11	350 18	360 23	/// //	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar		130 02	150 05	170 11	230 15	250 12	295 26	300 23	315 //	...	340 02	205 01	225 03	280 11	300 05	...	255 09	170 07	...	130 07	...	...	...	...	...	...
Quetta			Ascent							No	Ascent	...	...	...	...											
Sargodha	195 06	135 06	155 14	220 06	200 30	251 11	330 13	...	...	200 12	250 14	250 11	235 06	275 02	...	080 13	085 18	095 13	115 07	040 07	015 21	...	...	...	...	...
Sylhet	190 03	215 0/	100 05	205 09	100 06	...	...	...	...	140 12	151 02	215 01	...	155 18	...	130 04	135 05	120 05	135 07	...	...	...	...	...	...	...
Veraval	...	...								...						...										

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

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

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
P.R. Sargodha																		
Karachi																		
Peshawar																		
Quetta																		

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

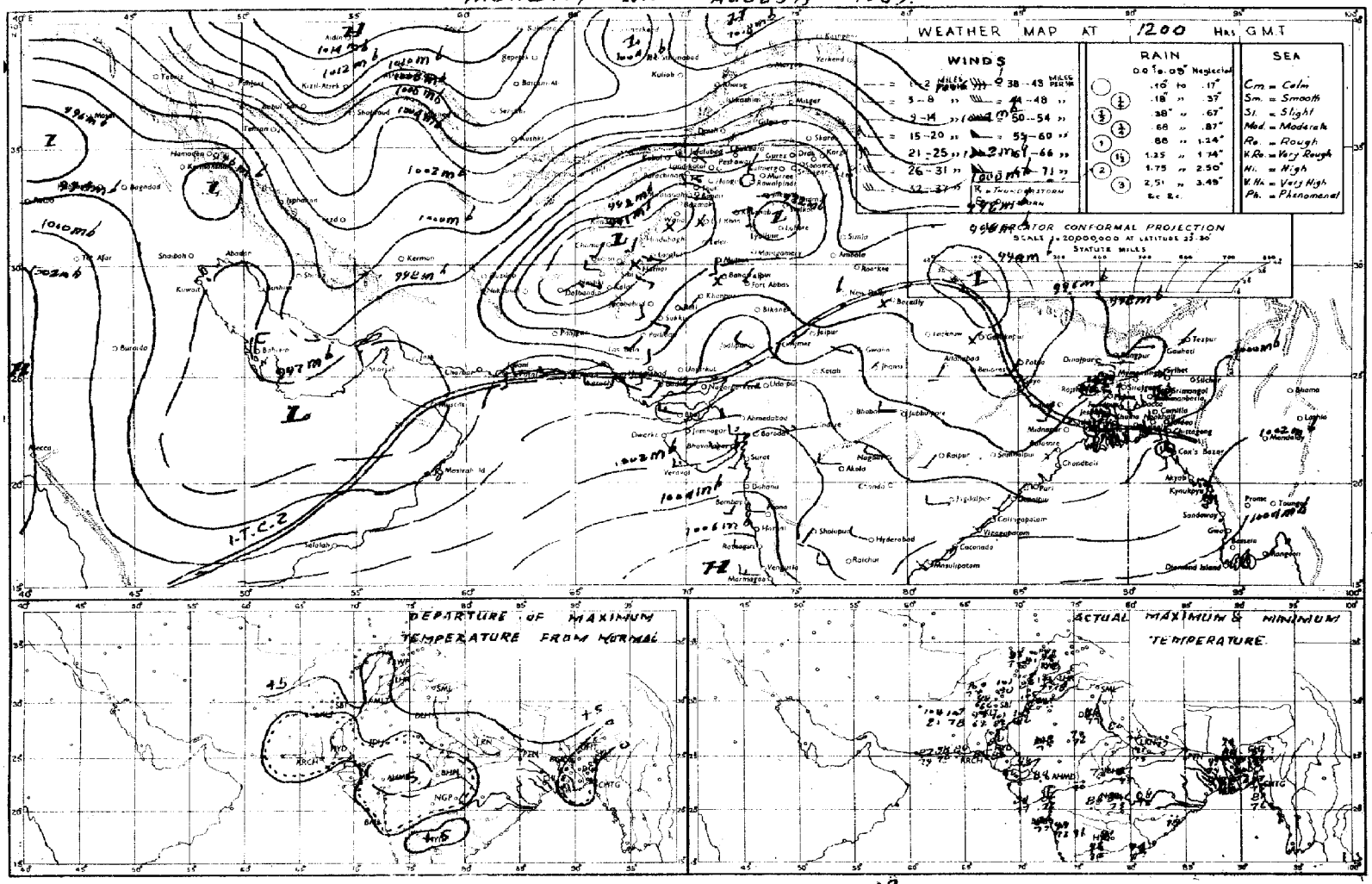
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

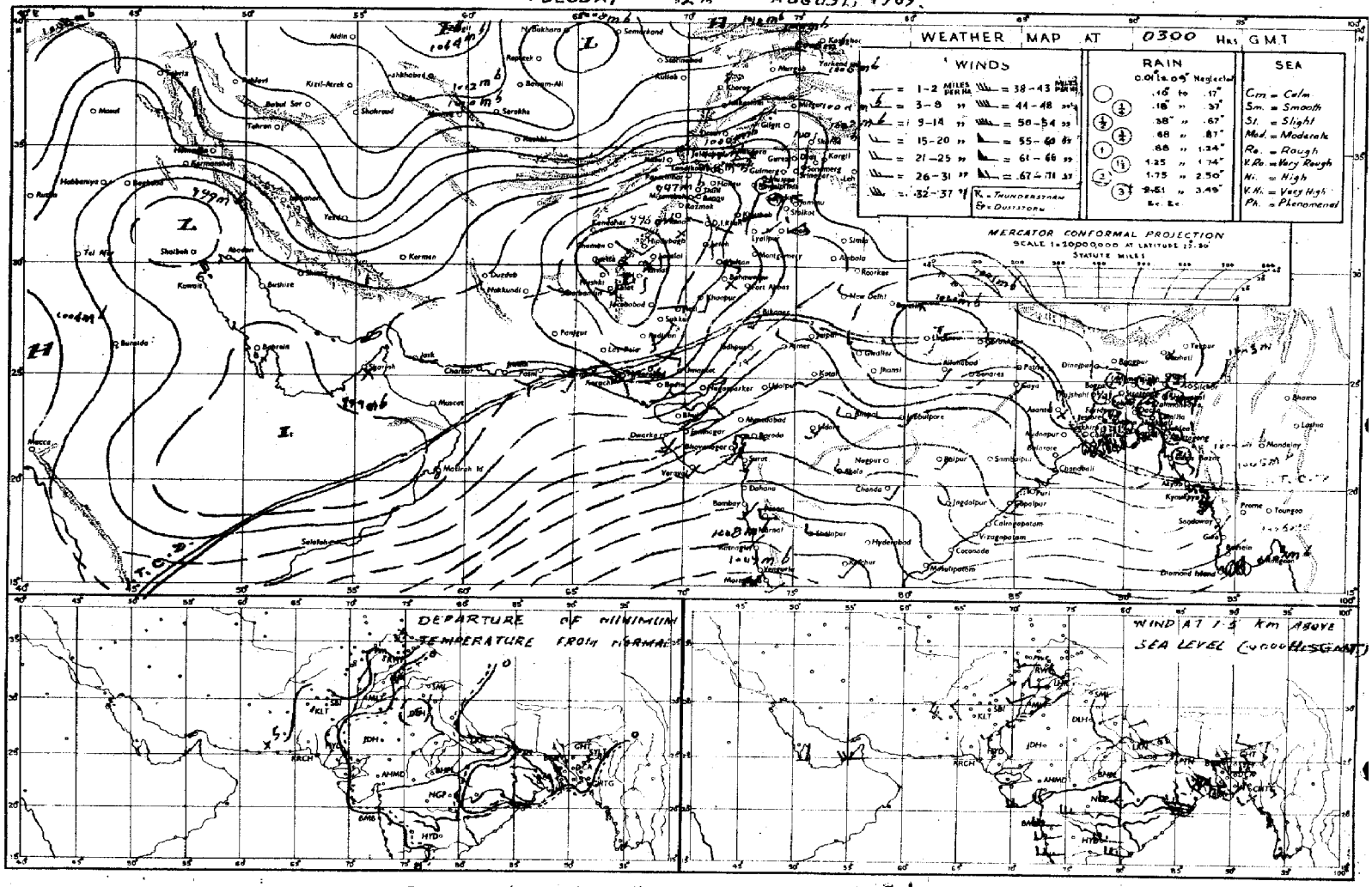
MONDAY 11th AUGUST, 1969.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 12th AUGUST, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY THE 13th AUGUST 1969.

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

Observations are lacking but be lieve a depression has formed in north Bay of Bengal centred at 13,0300 G.M.T. with in half a degree of latitude of 21½ °N and longitude 28¼ °E. It is likely to move slowly west nortwest wards. Monsoon is moderate over East Pakistan, local rain/thundershowers have occurred in Chittagong and Khulna divisions and scattered in Dacca and Rajshahi divisions.

Monsoon trough extends from Sargodha division to Chota Nagpur. The Seasonal trough of low pressure lies over Khairpur division and adjoining areas. widespread rain/thundershowers have occurred in Lahore division, fairly widespread in Rawalpindi division and scattered in Peshawar Quetta and Sargodha divisions.

Chief amounts of rainfall are: Cox's Bazar 2", Rawalpindi and Harnai (upto 0000Z) 1" each, Murree 3/4", Rangamati, Sylhet, Faridpur, Satkhira, Bogra and Lahore ¼" each.

Day temperatures were 3—6 °F (2—3 °C) above normal in Rajshahi division and 8—10 °F 4—6 °C) below normal in Lahore, Sargodha and Peshawar divisions and 3—6 °F (2—3 °C) so in Rawalpindi, D. I. Khan, Karachi, Hyderabad and Khairpur divisions.

Forecast valid until the evening of 14th August 1969 :— Fairly widespread rain/thundershowers are likely to occur in Khulna division, local elsewhere over East Pakistan and in Rawalpindi, Sargodha, Lahore divisions and Kashmir and scattered in Quetta, D. I. Khan, Peshawar, Multan, Bahawalpur and Khairpur divisions.

EARTH QUAKE :—Seismograph of geophysical centre Quetta recorded an earth quake of mild intensity on 13th August 1969 at 04 hours 57 miniutes W.P.S.T. The epicentre lies about 100 miles southeast of Quetta near Burki region.

Karachi-11
The 13th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	029	5	7	18	02	96	02	6	006	80	6	3	5	7	/	78	90
	Cox's Bazar	141	9	8	18	13	96	61	6	004	78	5	4	4	2	0	78	80
	Chittagong	002	6	7	18	10	96	02	6	001	82	5	4	4	3	0	77	86
	Maijdee Court	000	9	8	18	08	96	03	2	985	82	6	2	5	1	0	77	85
	Comilla	050	3	4	00	10	96	02	2	990	82	4	4	7	0	0	78	90
	Brahmanbaria	000	0	4	13	03	97	03	1	989	87	4	4	5	/	/	78	91
	Sylhet	010	2	8	00	00	96	17	2	989	85	5	4	4	2	0	78	90
	Srimangal	026	9	5	00	00	96	02	4	983	86	3	9	5	2	1	83	91
Dacca	Mymensingh	000	0	0	00	00	97	01	1	978	87	4	5	4	0	0	80	91
	Narayanganj	000	0	8	13	02	96	03	2	986	87	8	4	4	/	/	78	80
	Dacca (Tezgaon)	002	9	5	13	05	97	02	2	983	87	4	9	4	4	1	78	90
	Faridpur	003	0	3	16	02	97	02	2	981	85	3	5	6	0	0	78	90
Khulna	Barisal	008	0	8	09	02	97	03	1	984	82	6	8	4	1	0	78	86
	Khulna	050	2	4	18	05	97	03	0	990	82	/	2	4	0	0	93	87
	Satkhira	046	0	6	18	01	97	01	0	998	80	2	3	9	0	8	83	90
	Jessore	007	8	6	00	00	97	02	9	983	86	3	4	4	7	0	78	87
Rajshahi	Pabna	000	0	3	03	00	98	01	2	979	87	3	2	6	0	0	80	91
	Sirajgan	000	0	4	03	00	97	02	1	996	87	4	0	7	4	0	80	91
	Rajshahi	000	0	5	05	02	95	03	1	007	90	5	9	5	0	0	83	91
	Bogra	000	0	7	07	02	96	03	1	988	87	3	8	4	3	!	78	90
	Dinajpur	000	0	0	00	00	96	00	0	980	90	8	0	9	0	0	30	93
	Rangpur	000	0	3	13	02	96	01	1	958	87	2	2	6	1	0	77	95
Kashmir	Jammu	...																
Lahore	Lahore (Jail Rd.)	021	8	6	05	09	96	01	6	989	85	3	5	5	7	0	77	87
	Sialkot	060	0	0	00	00	97	00	0	009	83	0	0	9	0	0	78	93
Rawalpindi	Jhelum	037	2	8	31	02	98	02	6	999	80	6	8	6	2	/	76	82
	Islamabad	...																
	Rawalpindi	124	4	8	00	00	99	02	9	010	78	8	4	6	0	0	76	78
	Campbellpur	...																
Sargodha	Khushab	000	0	0	09	//	96	03	2	001	86	4	2	9	4	0	96	90
	Sargodha	000	0	7	05	07	97	02	2	991	86	4	5	4	2	0	76	87
	Lyallpur	005	9	4	36	02	96	02	5	978	86	4	3	8	0	0	76	90
Multan	Sahiwal	...																
	Multan	000	0	5	13	03	96	03	2	969	98	1	5	6	3	1	72	00
	Leiah	000	0	4	23	00	94	03	0	940	02	0	0	9	0	4	82	02
Bahawalpur	Khanpur	000	0	9	18	02	96	05	1	950	00	9	/	/	/	/	73	02
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...			...	...	...
	Fort Abbas	3//	/	2	23	02	98	00	2	963	93	2	0	6	0	0	78	93
Peshawar	Chakdra	012	3	7	36	02	96	03	6	990	76	7	3	7	0	0	72	85
	Peshawar	000	0	8	09	05	97	02	2	985	87	4	3	3	2	/	72	88
	Haripur	...																
D. I. Khan	Bannu	000	0	8	11	02	97	06	2	981	90	4	2	7	0	7	76	90
	D. I. Khan	000	3	8	13	02	97	00	1	981	93	0	0	9	0	0	80	95
Quetta	Sibi	000	0	0	13	03	97	02	0	036	06	0	0	9	0	0	53	07
	Nokkundi	000	0	0	31	12	90	20	/	917	05	0	0	9	0	0	26	06
Kalat	Turbat	...																
	Jiwani	000	0	0	18	09	96	01	0	975	85	0	0	9	0	0	75	87
	Pasni	000	0	4	25	12	97	02	0	982	86	4	0	9	0	0	77	90
Karachi division	Ormara	...	...	...	...	...	...	..		...		...	...			...		...
	Lasbela	///	0	0	13	03	97	00	0	914	95	0	0	8	0	0	77	99
	Karachi (Manora)	000	0	6	25	10	97	03	2	///	81	6	5	5	/	/	77	82
	Karachi (Ariport)	000	0	7	27	14	96	01	2	991	82	7	6	5	0	0	73	84
Hyderabad	Nagarparker	...	...	...	...	...	...		..	...		...		...	...	...		...
	Chhor	000	0	5	23	16	96	00	2	976	90	5	6	5	0	0	73	91
	Hyderabad	000	0	8	23	10	97	02	2	982	87	6	5	6	0	1	73	91
	Badin	000	0	6	20	38	//	03	0	013	85	0	0	9	0	6	73	86
Khairpur	Padidan	000	0	2	18	07	96	03	0	944	02	0	0	9	0	1	75	04
	Nawabshah	000	0	6	18	19	96	03	2	958	97	0	0	9	0	/	77	01
	Sukkur	000	8	7	13	05	96	03	2	709	60	5	9	9	0	9	//	00
	Kashmore	000	0	0	18	02	98	02	0	959	98	0	0	9	0	0	75	00
	Jacobabad	000	0	3	18	09	97	02	1	965	99	0	0	9	0	1	75	99
Junagadh	Veraval	...																
	HILL STATIONS																	
Kashmir	Srinagar *	...																
	Gulmarg **	...																
	Sonamarg **	...																
	Dras **	...																
	Leh **	...																
	Skardu *	...																
	Misgar **	...																
	Aliabad *	...																
	Gilgit *	...																
Rawalpindi	Murree *	077	7	8	00	00	96	03	6	448	64	8	2	5	/	/	63	68
Peshawar	Drosh *	..																
	Cherat *	000	0	8	18	05	94	02	2	413	//	8	6	1	0	0	68	73
	Kakul *	007	9	8	31	03	95	60	6	439	72	8	7	4	/	/	70	78
	Landikotal *	007	0	6	31	05	98	03	2	388	82	6	7	6	/	/	78	85
	Prachinar *	014	4	8	16	02	96	17	9	439	72	8	9	5	/	/	70	90
D.I. Khan	Miranshah *	000	0	8	05	05	97	03	0	425	90	6	0	9	0	0	70	91
	Wana *	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	000	0	7	13	12	96	17	9	403	87	6	1	9	3	0	53	80
	Hindubagh *	000	0	0	23	05	95	05	0	387	94	0	0	9	0	0	46	98
	Loralai *	000	0	0	27	02	98	00	0	396	95	0	0	9	0	0	55	97
	Barkhan *	000	0	0	13	05	98	02	0	421	0:	0	0	9	0	0	56	[illegible]
	Harnai *	000	0	0	00	00	96	02	0	384	99	0	0	9	0	0	65	99
	Samungli (Quetta) *	000	0	0	27	07	96	05	0	396	94	0	0	9	0	0	49	98
	Chaman *	000	0	0	18	07	97	00	0	404	98	0	0	9	0	0	53	99
	Nushki *	000	0	0	01	05	95	05	0	477	98	0	0	9	0	0	69	00
	Dalbandin *	000	0	0	13	03	95	05	0	415	05	0	0	9	0	0	35	07
Kalat	Kalat *	000	0	0	31	02	97	02	0	398	85	0	0	9	0	0	36	90
	Khuzdar *	000	0	0	23	02	96	02	0	379	83	0	0	9	0	0	34	05
	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 † We (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (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, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	015	9	3	18	02	98	//	/	031	85	1	4	6	3	3	76	79	—	—	53.4	—	62.6	—
	Cox's Bazar	184	1	8	13	18	96	60	6	021	77	5	4	4	2	0	77	76	— 5	0	56.0	—22.8	64.6	140
	Chittagong	002	9	5	13	14	97	03	5	019	54	2	4	4	3	/	75	//	+ 1	/	27.7	—27.7	84.0	108
	Maijdee Court	000	9	7	18	05	97	03	2	014	81	5		4	2	1	77	77	— 1	— 2	—	—	—	115
	Comilla	000	0	4	18	05	96	02	1	017	84	0	0	9	0	0	77	79	+ 3	+ 2	56.1	+14.5	75.3	94
	Brahmanbaria	000	0	4	13	07	96	03	1	071	86	0	0	9	0	4	77	79	—	—	29.2	— 3.0	38.2	78
	Sylhet	020	9	6	13	05	97	02	9	000	86	3	4	5	3	/	79	78	—	—	—	—	—	—
	Srimangal	...	..	..	...	...	...	...	...	..	...	...	...	..	..	..	...	...	+ 1					58
Dacca	Mymensingh	000	0	3	13	02	97	01	1	019	90	3	0	6	1	0	79	//	+ 2	/	32.3	— 7.7	47.5	91
	Narayanganj	000	0	8	18	05	97	03	2	014	84	8	6	4	/	/	75	81	— 7	+ 2	25.1	— 5.7	48.5	74
	Dacca (Tezgaon)	002	6	7	09	09	97	02	6	006	84	6	8	4	2	0	75	79	—	—	29.8	—	38.9	—
	Faridpur	023	0	7	11	09	97	02	2	001	84	5	4	5	1	0	79	79	+ 3	0	—	—	—	71
Khulna	Barisal	000	9	7	09	13	97	20	6	003	82	6	7	4	2	0	79	79	— 1	— 1	44.8	+ 7.1	36.4	81
	Khulna	000	0	6	05	05	97	03	0	///	82	2	4	4	0	0	90	79	0	+ 1	25.3	— 7.2	31.4	68
	Satkhira	019	0	6	18	01	//	//	/	999	82	2	3	9	0	/	81	79	+ 2	+ 1	20.2	—10.4	25.4	65
	Jessore	008	9	7	07	12	97	02	6	000	84	5	3	6	4	0	79	79	—	—	25.5	— 4.0	32.0	65
Rajshahi	Pabna	000	9	6	09	05	98	03	5	006	87	3	8	6	6	0	81	81	—	—	25.0	—	38.4	59
	Sirajgan	000	0	8	09	03	98	03	2	015	82	8	0	7	1	0	79	75	+ 4	— 4	24.6	— 4.1	32.2	64
	Rajshahi	050	6	6	05	04	96	03	1	010	84	4	5	6	2	/	79	79	+ 3	0	28.1	—	42.3	—
	Bogra	028	9	6	07	02	96	02	0	018	84	3	8	4	3	0	79	79	+ 2	+ 1	19.3	—11.6	30.3	69
	Dinajpur	000	3	6	09	02	96	01	1	018	87	4	0	9	4	/	80	79	+ 4	0	36.6	+ 3.0	59.8	72
	Rangpur	006	1	2	13	02	96	01	6	999	86	1	2	6	1	0	81	79	+ 6	+ 1	41.5	+ 2.4	60.3	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	020	0	3	00	00	96	02	1	008	84	3	8	5	0	0	79	77	— 11	— 2	10.4	+ 2.0	15.0	19
	Sialkot	000	0	0	00	00	96	00	0	044	87	0	0	9	0	0	65	//	— 1	/	—	—	—	32
Rawalpindi	Jhelum	...	...	...	...	.	...	...	..	...	...	...	...	..	...	...	...	...	—					—
	Islamabad																							—
	Rawalpindi	124	1	5	00	00	98	02	2	012	77	3	5	6	3	0	75	73	— 16	— 2	13.1	—10.3	23.0	36
	Campbellpur																							—
Sargodha	Khushab	000	3	8	03	//	95	20	5	011	79	2	6	8	7	9	77	79	— 10	— 2	0.0	— 6.8	4.1	15
	Sargodha	003	1	8	27	03	97	60	6	009	87	5	9	5	2	/	75	75	—	—	10.2	—	13.8	—
	Lyallpur	010	2	5	00	00	96	61	6	006	81	5	4	8	0	0	77	81	— 8	+ 1	2.7	— 2.8	5.7	12
Multan	Sahiwal																							10
	Multan	000	6	7	23	03	96	03	2	010	86	4	5	6	3	0	77	84	+ 1	+ 1	7.8	+ 4.4	10.9	7
	Leiah	...	..	...	..	...	...	...	..	...		...	...		...	...	...	...	—					8
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	..		— 1					6
	Bahawalpur	000	0	1	00	00	94	00	0	008	86	0	0	9	0	0	73	84		+ 5	0.6	— 2.8	1.8	6
	Fort Abbas	///	/	2	23	82	98	00	1	008	88	2	0	9	0	0	78	79	—	—	0.6	—	0.8	8
Peshawar	Chakdra	012	0	3	00	00	98	01	1	995	95	0	0	9	0	9	73	73	—	—	3.0	—	12.4	—
	Peshawar	000	0	5	00	00	97	01	2	003	82	5	0	9	3	0	75	79	— 10	0	3.2	+ 1.4	11.8	11
	Haripur																							—
D. I. Khan	Bannu	000	0	8	27	01	97	04	5	005	90	5	2	6	2	1	75	81	—	—	0.5	—	4.3	11
	D. I. Khan	000	0	8	00	00	97	00	0	974	96	0	0	9	0	0	75	73	— 5	— 8	—	—	—	9
Quetta	Sibi	000	0	6	18	03	97	03	1	999	90	4	2	9	4	2	62	89	—	—	0.2	—	0.2	5
	Nokkundi	000	0	3	13	03	96	03	0	993	84	0	0	9	0	/	39	84	—	—	0.0	—	0.3	2
Kalat	Turbat																							—
	Jiwani	000	0	7	13	09	96	03	2	005	82	7	6	5	0	0	73	79	—	—	0.0	—	2.0	5
	Pasni	000	0	4	13	02	97	02	0	026	81	4	0	9	0	0	72	07	+ 2	+ 1	0.0	— 0.8	0.0	6
Karachi division	Ormara	000	0	6	00	00	96	06	6	016	81	6	6	6	0	0	74	16	—	—	0.0	— 0.7	0.6	6
	Lasbela	000	0	5	23	12	96	01	2	020	81	5	0	9	3	0	73	69	—	—	0.7	—	0.7	8
	Karachi (Manora)	000	0	8	25	07	96	03	2	017	80	2	6	4	2	/	77	80	— 3	+ 1	1.0	— 3.7	1.1	8
	Karachi (Ariport)	000	0	7	27	09	96	07	2	015	80	7	6	5	0	0	73	78	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	000	0	6	18	02	97	02	0	060	84	6	6	6	0	0	78	77		—	0.1	—	0.1	—
	Chhor	...	...	...	...	..	...		..	...	...			...	...	...	..	.	—	/	—	—	—	7
	Hyderabad	000	0	7	23	05	97	03	2	014	81	5	6	5	3	0	73	80	— 4	+ 1	0.2	— 4.4	0.3	9
	Badin	000	0	4	23	04	96	03	0	025	80	0	0	9	0	4	77	77	— 6	— 2	0.3	— 4.7	0.3	—
Khairpur	Padidan	000	0	0	18	05	97	02	0	005	82	0	0	9	0	0	73	79	—	—	0.0	—	0.8	—
	Nawabshah	000	0	0	18	10	96	02	0	965	82	0	0	9	0	0	78	//	—	—	1.0	—	1.1	4
	Sukkur	000	9	7	23	05	96	03	2	006	81	2	0	9	6	0	74	79	—	/	0.0	—	0.0	—
	Kashmore	000	0	4	18	02	98	03	0	003	83	0	0	9	0	4	74	81	—	—	0.2	—	0.2	4
	Jacobabad	000	0	7	13	05	96	03	1	009	82	7	0	9	7	0	75	81	— 5	— 1	0.5	— 1.4	0.8	20
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	077	9	8	00	00	96	03	1	446	66	8	5	4	/	/	60	60	— 3	+ 3	11.2	—12.2	28.8	18
Peshawar	Drosh *																							29
	Cherat *	000	0	2	18	01	98	01	2	449	73	2	1	7	0	0	65	//	—	/	3.4	— 3.7	12.7	—
	Kakul *	000	0	6	18	02	97	01	2	426	73	4	3	6	2	0	65	69	—	—	11.0	—	21.6	—
	Landikotal *	000	0	6	31	05	98	01	1	430	77	6	3	9	3	0	73	75	—	—	0.8	—	11.4	29
	Prachinar *	014	3	4	00	00	96	01	6	445	73	2	7	5	0	/	65	65	—		5.0	—	15.6	13
D.I. Khan	Miranshah *	000	0	0	05	05	98	02	0	430	77	8	0	9	0	0	69	73	—	—	0.5	— 3.0	2.0	11
	Wana *	000	8	3	13	06	99	03	5	456	85	3	0	8	0	0	76	72	—	—	—	—	—	11
Quetta	Fort Sandeman *	000	0	2	00	00	96	01	0	430	77	1	5	7	1	0	69	71	+ 1	— 3	1.4	— 2.3	5.7	—
	Hindubagh *	000	0	7	00	00	96	03	0	422	78	7	0	7	0	9	52	65	—	—	2.7	—	6.0	9
	Loralai *	000	0	8	27	02	98	01	0	421	75	0	1	3	0	8	55	56	—	—	0.6	—	0.6	—
	Barkhan *	...		...	...	...	...		...				..	...	...	...			—					14
	Harnai *	115	0	8	00	00	96	03	2	396	79	0	7	7	0	0	73	//	—	/	0.8	— 4.2	2.6	9
	Samungli (Quetta) *	000	0	6	00	00	95	05	0	442	75	2	6	/	/	0	60	73	—	—	0.5	— 0.5	3.1	8
	Chaman *	000	0	0	18	02	97	00	0	451	75	0	0	9	0	0	58	78	0	—	2.1	+ 2.0	4.8	—
	Nushki *	000	0	0	00	00	95	05	0	492	81	0	0	9	0	0	50	78	—	—	0.5	—	2.6	4
	Dalbandin *	000	0	0	31	04	95	05	0	431	87	0	0	9	0	0	44	75	0	+ 3	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	20	02	97	02	0	437	71	0	0	9	0	0	54	61	0	+ 3	0.8	— 0.2	2.2	—
	Khuzdar *	000	0	0	23	02	96	02	0	430	81	0	0	9	0	0	69	79	—	—	1.6	—	3.0	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 ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 13th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV w_w W	PPP TT	$N_hC_lhC_MC_H$	D_iV_ia PP	7RR t_gt_R	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{w_1}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Almahrosa	99 2 40	10 5 88	12 0 03	21 9 02	98 0 10	00 7 40	24 4 00		72 7 02		05 3 29	...	30 5 02	23 5 01
Almahrosa	99 2 49	10 5 79	12 0 63	10 0 00	50 0 50	00 0 33	14 0 00		72 4 00		00 0 32	...	30 5 03	00 5 01
Esmeralda	99 2 52	10 5 79	12 0 64	00 0 00	97 0 20	01 6 32	00 9 00		74 2 18		05 2 29	13 3 00	33 0 00	...

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
		PoPoPo ToToTo DoDo	hhh TTT, DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	908 256 06	...	430 196 19	090 128 16	584 021 37	758 121 56	973 265 //	252 509 //	...	...	...	...	...
Dacca	00 00	000 270 20	...	400 178 50	062 108 57	580 041 57	745 141 57	967 273 60	246 493 //	...	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	997 202 01	...	001 136 //	029 064 //	574 055 //	749 101 //	966 191 //	...	...	...	...	...	...
Multan	00 00	986 294 36	...	400 260 61	096 100 20	576 177 //	...	...	...	...	...	...	...	...
Peshawar	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Quetta														
Sargodha	00 00	987 280 30	...	...	090 120 57	593 075 //	760 175 //	971 295 //	252 451 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD								Max. Wind Speed	TROPOPAUSE	
										PmPmPm dmdm fmfmfm	$P_tT_tP_cT_cT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	900 218 10	800 170 38	...	...	...	...	...	...	...	...	...	...
Dacca	00 00	900 194 45	830 156 56	600 044 57	...	...	...	...	...	...	...	...	...
Gilgit													
Jiwani													
Karachi	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Quetta													
Sargodha	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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.

UPPER WIND DATA

Height in Kms. a.s.l.—>	At 1200 hrs. G.M.T† of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date(dd fff)						At 0600 hrs. G.M.T. † of date (dd fff)									
	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	3.4	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	090 11	035 13	095 13	105 10	110 12	...	...	...	...	090 18	090 23	080 22	090 26	095 22	...	095 16	110 18	110 19	...	115 25	...	...	...	...	...	...
Chaklala	...	195 03	095 01	130 07	050 04	345 15	...	...	...	...	305 03	300 02	030 06	075 07	110 13	...	330 47	095 47	115 03	140 07	155 05	...	...	...	...	...
Chhor	220 22	220 20	...	...	...	...	...	...	...	215 17	220 21	225 23	...	...	...	210 13	...	...	...	...	...	...	...	...	...	...
Chittagong	170 19	160 18	145 14	130 11	130 14	...	...	...	...	...	...	...	...	...	...	160 08	160 11	155 13	150 18	145 03	...	...	...	...	...	...
Cox's Bazar	170 15	170 15	115 11	...	...	...	...	...	...	145 25	150 24	150 24	...	...	...	...	...	No Ascent	...	...	...	...	...	...	...	...
Dacca	115 04	130 07	130 10	120 13	105 16	100 13	...	...	...	105 16	085 15	085 14	...	085 24	...	130 14	110 12	110 10	100 08	090 07	...	...	...	...	...	...
Dalbandin	...	315 01	025 10	070 03	175 03	110 09	305 04	300 08	...	...	...	085 02	351 //	321 //	501 21	...	...	065 06	185 02	310 02	220 05	235 08	200 10	190 06	...	...
D. I. Khan	180 12	095 15	115 16	...	...	...	...	...	...	095 13	070 21	070 11	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	100 17	090 05	085 06	305 15	...	...	...	...	...	040 09	020 03	300 01	...	...	...	210 04	223 10	275 05	015 10	315 13	320 21	...	...
Jacobabad	125 08	150 07	190 04	299 11	330 05	230 05	305 17	350 29	010 39	125 10	145 08	075 08	065 05	005 06	030 03	155 15	105 19	080 17	080 12	070 11	050 12	...	325 09	...	...	...
Jessore	120 12	115 08	070 10	060 11	050 13	...	...	...	...	090 22	090 19	090 24	085 25	085 29	...	090 16	100 18	105 21	125 21	...	...	...	...	...	...	...
Jhelum	355 07	020 09	040 11	100 15	100 21	100 13	...	...	...	005 06	060 04	095 07	090 10	125 13	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani	200 08	200 05	055 04	025 08	025 12	020 12	350 09	325 05	325 09	115 10	105 09	...	...	...	...	100 14	095 10	095 08	001 5/	015 05	010 08	325 17	320 15	...	...	...
Karachi	245 20	245 15	...	...	...	...	...	...	...	...	...	...	...	...	...	240 14	245 14	...	...	...	...	...	...	...	...	...
Khanpur	155 15	165 17	185 16	185 23	195 24	255 21	...	...	...	220 01	220 13	220 14	235 11	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore	070 03	065 05	050 04	265 05	240 14	240 09	...	...	...	125 05	185 05	220 07	215 13	220 15	...	110 04	150 04	170 07	200 62	...	...	...	...	...	...	...
Multan	150 12	155 13	160 09	205 15	215 17	345 03	325 19	...	...	210 16	220 16	250 03	285 06	290 05	...	095 04	165 04	190 04	220 12	230 17	...	...	...	...	...	...
Nawab Shah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panigar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	160 11	155 12	...	165 09	...	...	...	...	...	305 04	300 03	145 03	...	...	...	085 04	055 02	145 03	120 04	170 05	100 16	090 12	116 //	...	...
Quetta	...	No Ascent	...	...	...	...	...	...	...	No Ascent	...	...	...	...	...	...	No Ascent	...	...	...	...	...	...	...	...	...
Sargodha	035 06	015 07	355 05	355 07	010 20	...	...	...	...	265 07	070 09	035 08	020 06	015 09	...	...	No Ascent	...	...	...	...	...	...	...	...	...
Sylhet	187 80	050 01	100 04	100 13	085 16	...	...	...	...	110 03	110 09	055 12	...	120 16	...	065 09	085 15	090 20	095 34	100 37	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l—>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	...																	
Dacca	...																	
F.R. Sargodha	...																	
Karachi	...	240 15	240 15	305 16	325 12	345 10	350 11	345 12	345 09	345 09								
Peshawar	...																	
Quetta	...																	

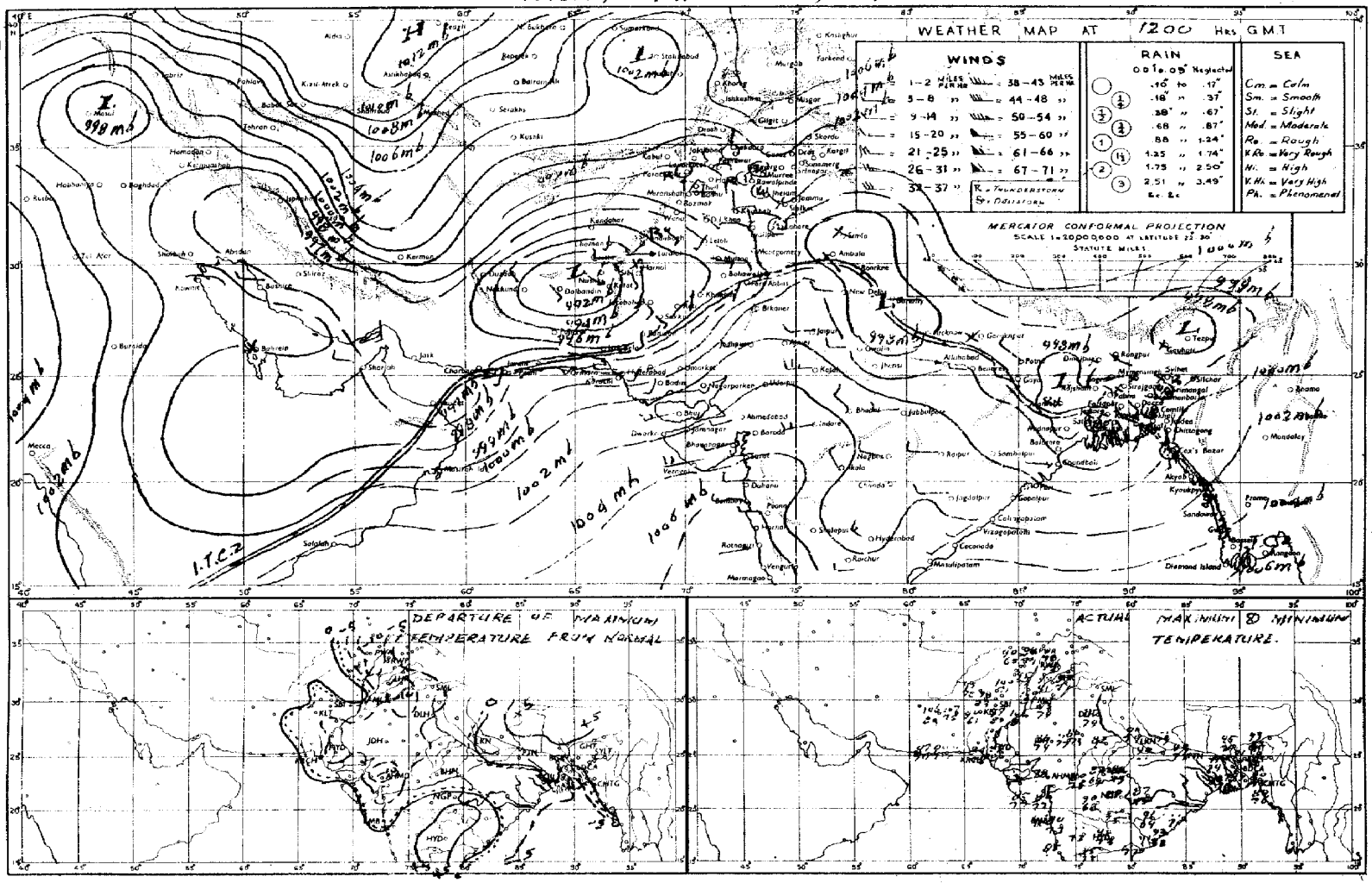
*The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

Cloud observation Data (IIIii Cdd V. V. etc.)

PAKISTAN DAILY WEATHER MAP

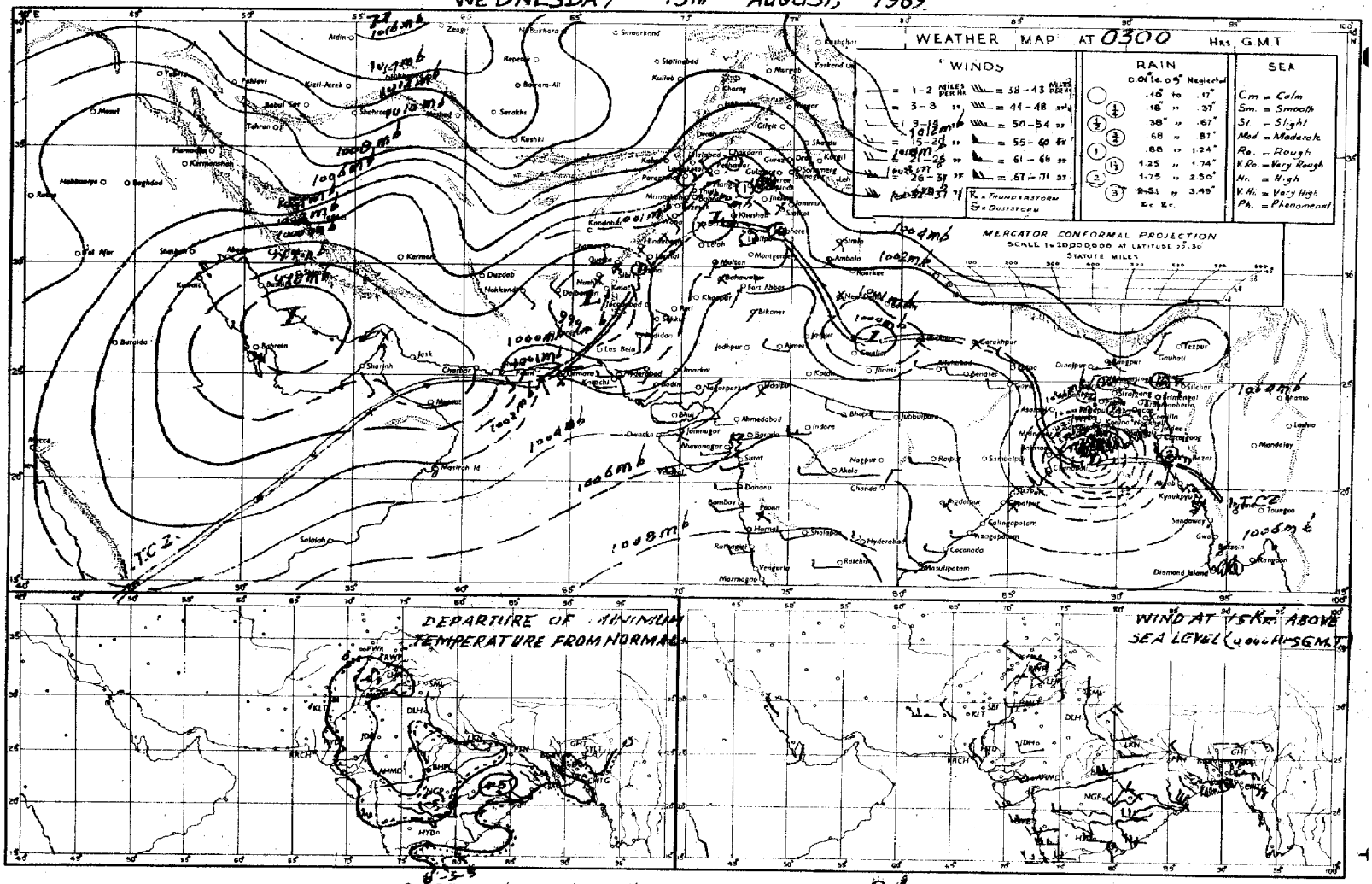
TUESDAY 12th AUGUST, 1969



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 13th AUGUST, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

THURSDAY THE 14th AUGUST 1969.

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

Yesterday's cyclonic storm moved slightly westnorthwestwards and was centered last evening at 13,1200 G.M.T. within half a degree of Latitude 21½ °N and Longitude 88 °E. It continued moving in the same direction, crossed Sunderban's Coast during night, weakened into a deep depression, and is centered this moving at 14,0300 G.M.T. about 60 miles Nort-west of Balasore. It is likely to move west-north-west-wards. Under its influence monsoon has been active over East Pakistan.

Widespread rain/thundershowers have occurred in Chittagong, Dacca and Khulna divisions and fairly widespread in Rajshahi division.

The monsoon trough has shifted southwards and extends from Multan division to Chota Nagpur.

The seasonal trough of low pressure lies over Quetta and Kalat divisions.

Widespread rain/thundershowers have occurred in Sargodha division, fairly widespread in Multan division, local in Lahore and Peshawar divisions and scattered in Rawalpindi, D. I. Khan and Quetta divisions.

Chief amounts of rainfall are: Narayanganj 4"; Comilla and Satkhira 2" each; Chittagong, Maijdee Court, Dacca and Lahore 1½" each; Rangamati; Cox's Bazar, Leiah and Sargodha 1" each; Barisal, Khulna, Sirajganj, Rajshahi and Bogra 3/4" each, Srimangal, Jessore, Pabna, Rangpur and Khushab ½" each and Brahmanbaria, Sylhet, Mymensingh, Faridpur, Lyalpur, Kakul, Wana and Loralai ¼" each.

Day temperatures were 3—4 °F (1—2 °C) above normal in Rajshahi division and 3—8 °F 2—4 °C) below normal in Lahore, Rawalpindi, Sargodha, Multan, Bahawalpur, Peshawar, Hyderabad and Khairpur divisions.

Forecast valid until the evening of 15th August 1969 :— Fairly widespread rain/thundershowers with locally heavy falls are likely to occur in East Pakistan, local in Rawalpindi, Sargodha and Lahore divisions and in Kashmir and scattered in Quetta D. I. Khan, Peshawar and Multan divisions. A few thunderstorm/showers may also occur in Bahawalpur, Khairpur and Hyderabad divisions.

Karachi-11
The 14th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather† commenced at Wc	Total cloud amount N	Wind direction in tens of degrees dd	Winds speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud † Nh	Low Cloud from † CL	Height of Lowest Cloud † h	Medium Cloud from † CM	High Cloud from † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR	Past weather commenced at† We	Total clod 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	Amounts of Lowest Cloud † h	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, 1969 to-date 39	Departure from normal 40	Since 1st January, 1969 to-date 41	Annual Normal 42
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	039	4	9	18	02	94	60	6	022	78	9	/	4	/	/	77	90	101	9	7	18	01	97	02	6	C81	81	4	7	5	/	7	77	75	—	—	54.4	—	63.6	—
	Cox's Bazar	041	9	8	13	24	96	03	6	017	80	4	/	4	4	2	77	90	123	9	8	13	12	96	02	5	075	81	4	6	6	3	6	77	76	—	5	—	0	57.2	—22.7	65.9	140
	Chittagong	030	3	7	12	14	96	21	6	014	77	7	7	2	6	0	77	82	130	9	8	13	16	96	02	6	071	81	4	5	4	2	1	77	75	—	3	—	1	29.0	—25.2	84.0	108
	Maijdee Court	029	0	8	12	09	96	03	7	993	82	7	4	7	7	0	77	84	120	9	8	16	09	95	03	6	///	81	4	5	4	2	1	78	77	—	2	—	2				115
	Comilla	065	2	7	16	05	96	63	7	004	82	7	4	4	7	0	78	90	195	3	7	18	05	96	02	6	013	77	7	4	4	/	/	75	76	+	3	—	1	58.1	+15.3	77.2	94
	Brahmanbaria	009	0	7	18	07	96	95	1	008	81	2	9	3	0	0	77	91	036	3	7	17	09	96	02	6	069	/	7	5	5	0	0	77	74	—	—	—	—	29.6	—13.4	38.5	78
	Sylhet	000	0	8	13	15	97	17	9	008	85	7	5	3	2	/	76	93	019	9	8	13	05	96	01	9	074	82	6	6	3	2	/	77	74	—	—	—	—	—	—	—	—
	Srimangal	060	7	9	08	05	96	95	9	009	77	7	7	3	/	/	77	94	039	2	8	00	00	96	03	9	052	77	7	7	3	3	/	75	//	+	4	/	/	—	—	—	98
Dacca	Mymensingh	060	0	3	00	00	97	01	1	992	87	3	5	3	0	0	80	93	025	8	6	13	05	97	02	1	067	87	6	5	5	0	0	79	79	+	4	+	1	32.5	— 8.9	47.7	91
	Narayanganj	002	1	8	18	01	96	50	6	990	82	8	6	3	/	/	78	85	359	3	8	01	06	97	61	6	056	79	8	7	3	/	/	77	77	—	2	—	2	28.7	— 2.6	52.0	74
	Dacca (Tejgaon)	005	2	7	13	09	97	17	6	991	85	6	4	5	2	0	76	90	135	9	8	12	05	95	61	9	055	79	7	7	2	2	/	72	77	—	—	—	—	30.1	—	40.2	—
	Faridpur	000	0	6	11	02	97	02	2	983	85	4	5	5	1	0	80	90	029	0	8	16	02	96	61	6	047	79	7	5	4	1	0	79	79	+	3	—	0	—	—	—	71
Khulna	Barisal	002	5	7	13	07	97	01	2	980	82	5	4	4	2	0	77	87	088	6	8	13	02	95	61	6	///	79	7	4	4	2	0	77	75	—	0	—	3	45.7	+ 7.5	37.3	81
	Khulna	025	4	6	09	05	97	03	0	992	82	6	4	4	0	0	///	86	075	9	8	13	05	97	03	0	032	79	7	4	4	2	0	77	75	—	1	+	1	26.1	— 6.9	23.1	68
	Satkhira	027	0	7	18	01	97	01	0	998	82	2	3	3	0	1	80	90	159	1	8	13	03	57	60	6	036	84	3	1	5	0	0	79	79	+	2	—	3	22.1	— 7.8	27.4	65
	Jessore	012	6	7	11	13	97	21	9	976	80	5	3	2	2	0	78	88	046	5	8	13	12	97	20	6	047	79	7	7	2	2	/	79	77	—	—	—	—	26.0	— 3.9	32.5	65
Rajshahi	Pabna	000	0	2	09	09	99	01	1	977	87	2	2	6	0	0	78	91	048	7	8	13	09	96	03	6	034	81	8	7	6	/	/	77	79	—	—	—	—	25.4	—	38.8	59
	Sirajgan	000	0	6	18	02	98	02	2	988	87	6	6	0	7	0	77	90	078	3	8	09	03	96	63	6	048	79	8	7	6	/	0	77	75	+	3	—	4	25.5	— 3.5	33.0	64
	Rajshahi	000	0	2	09	05	96	01	1	983	87	2	5	6	0	0	77	90	075	6	8	13	09	95	03	5	030	81	8	7	4	/	/	72	79	+	2	—	0	28.9	—	34.1	—
	Bogra	000	0	5	09	03	96	03	2	985	90	4	3	4	7	0	78	91	081	1	8	14	11	96	03	6	044	77	7	3	2	0	0	75	77	+	3	—	1	10.2	— 21.3	31.2	69
	Dinajpur	000	9	3	09	02	96	00	1	986	90	6	8	9	0	0	79	90	003	3	7	09	09	96	02	6	040	82	3	5	4	2	0	75	77	+	2	+	2	36.6	+ 2.3	59.8	72
	Rangpur	008	1	7	00	00	96	29	2	957	87	7	3	0	0	0	77	93	046	9	7	13	05	96	01	6	001	84	4	5	6	2	0	81	79	+	4	+	1	42.0	+ 2.4	60.7	84
Kashmir	Jammu	...																																							
Lahore	Lahore (Jail Rd.)	163	9	6	00	00	95	05	9	988	82	3	5	6	7	0	82	90	163	0	0	00	00	95	05	9	020	82	0	0	9	7	0	77	79	—	8	—	0	12.0	+ 2.6	16.6	—
	Sialkot	...																																							19
Rawalpindi	Jhelum	000	6	8	09	02	97	03	2	987	87	3	3	6	2	/	81	90	000	7	6	00	00	97	03	5	021	82	2	5	7	7	0	79	79	—	—	—	—	—	—	—	32
	Islamabad	...																																							—
	Rawalpindi	000	0	8	13	02	98	03	2	990	84	8	4	7	0	0	77	87	000	0	8	03	00	97	02	2	018	80	8	5	6	0	0	77	72	—	7	—	3	13.1	— 1.6	23.0	—
	Campbellpur	...																																							36
Sargodha	Khushab	068	6	8	00	00	96	50	5	027	79	8	2	8	0	0	79	91	042	3	9	08	11	95	50	6	004	77	2	6	7	2	0	73	75	—	19	—	6	0.4	— 6.5	4.6	—
	Sargodha	117	9	7	31	05	96	50	5	986	78	7	6	3	7	0	78	78	177	0	7	18	03	97	02	6	014	81	6	6	4	3	0	79	75	—	—	—	—	12.0	—	15.5	15
	Lyallpur	...																	022	9	9	25	03	96	02	5	012	80	4	5	8	0	0	75	77	—	—	—	3	3.0	— 2.8	5.9	12
Multan	Sahiwal	...																																							—
	Multan	015	7	5	36	02	97	02	9	986	90	2	0	9	3	/	79	90	015	9	7	09	02	97	02	9	009	86	/	/	7	/	0	79	76	—	9	—	6	8.0	+ 4.5	17.0	10
	Leiah	...																	0 5	0	8	27	02	92	65	6	020	//	0	8	7	0	0	75	75	—	—	—	—	—	—	—	7
Bahawalpur	Khanpur	000	0	5	05	05	97	02	2	972	90	2	9	0	3	/	69	96	000	0	7	23	08	96	02	2	007	85	3	5	6	3	0	73	82	—	7	+	1	—	—	—	8
	Bahawalpur	000	0	0	20	02	96	00	0	978	03	0	0	6	0	0	68	04	000	0	0	00	00	94	00	0	007	87	0	0	9	0	0	75	85	+	3	+	4	0.6	— 2.9	1.9	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	2	23	02	98	00	2	983	87	0	0	9	0	0	68	75	—	—	—	—	—	—	—	6
Peshawar	Chakdra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	00	00	97	01	2	997	79	4	0	9	6	0	75	//	—	—	—	—	3.0	—	12.4	—
	Peshawar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	000	5	7	36	03	97	02	2	012	82	1	5	6	3	0	75	81	—	—	+	3	3.2	+ 0.3	11.9	8
	Haripur	...																																							11
D. I. Khan	Banou	000	0	7	00	00	98	03	5	988	90	4	2	7	6	0	73	94	000	0	5	00	00	98	02	2	005	85	2	0	9	3	0	75	80	—	—	—	—	0.5	—	4.3	11
	D. I. Khan	000	0	0	00	00	98	00	0	993	96	0	0	9	6	0	81	//	000	0	0	00	00	98	00	0	004	80	0	0	9	0	0	79	77	—	/	—	4	—	—	—	9
Quetta	Sibi	000	0	6	18	03	97	03	1	984	07	4	2	9	2	0	58	03	000	0	6	18	03	97	03	0	011	88	4	2	9	4	2	62	87	—	—	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	31	16	97	02	2	987	03	9	0	9	2	0	30	05	000	0	0	36	02	96	02	0	564	80	0	0	9	0	0	74	76	—	—	—	—	0.0	—	0.8	2
Kalat	Turbat	...																																							—
	Jiwani	000	0	5	13	12	96	03	0	983	84	5	4	6	9	0	74	87	000	0	8	09	09	96	01	2	023	80	8	5	5	0	0	73	79	—	—	—	—	0.0	—	2.0	5
	pasni	000	0	4	11	02	97	02	0	004	84	4	0	9	0	0	77	89	000	0	4	13	10	97	02	0	038	20	4	0	9	0	0	77	77	+	1	—	1	0.0	— 0.9	0.0	6
Karachi division	Ormara	000	0	1	20	09	96	04	4	006	85	1	0	6	8	0	0	76	88	000	0	7	18	05	96	01	1	032	81	7	6	6	0	0	75	//	—	—	—	—	0.0	— 0.7	0.6	—
	Lasbela	000	0	0	13	03	97	00	0	985	95	0	0	8	0	0	75	03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
	Karachi (Manora)	000	0	6	25	00	97	03	2	003	84	7	6	4	0	0	78	85	000	...	...	25	10	96	03	2	014	81	0	0	9	2	0	77	80	—	0	+	1	1.0	— 3.8	1.1	6
	Karachi (Ariport)	000	0	7	27	12	96	02	2	004	83	7	6	5	0	0	73	86	000	0	8	27	05	96	03	2	033	81	8	6	5	0	0	75	74	—	—	—	—	1.5	—	1.6	8
Hydera-bad	Nagarparkier	000	0	6	23	02	97	02	0	050	78	6	6	6	3	0	78	89	000	0	6	23	07	96	02	0	021	82	8	6	6	0	0	//	78	—	—	—	—	0.7	—	0.7	7
	Chhor	000	0	5	22	14	96	01	2	991	79	4	5	6	3	0	73	93	000	0	8	23	09	96	03	2	021	82	4	6	5	3	0	82	78	—	—	—	—	0.0	—	0.8	9
	Hyderabad	000	0	2	23	09	97	01	1	990	92	0	0	9	0	1	72	95	000	0	7	23	07	97	03	2	014	82	7	0	9	3	0	74	81	0	+	2	—	0.2	— 4.4	0.3	9
	Badin	000	0	6	23	08	96	03	0	034	85	1	0	9	0	6	75	86	000	0	8	23	04	96	03	0	024	82	0	0	9	0	0	74	79	—	6	—	0	0.3	— 4.9	0.3	—
Khairpur	Padidan	000	0	1	18	05	97	03	0	969	01	1	1	7	0	0	73	03	000	0	4	13	05	96	03	2	014	//	2	0	9	3	0	74	81	—	—	—	—	0.8	—	0.8	—
	Nawabshah	000	0	1	18	10	96	03	0	974	58	1	0	7	0	0	85	02	000	0	7	13	05	96	03	1	009	82	7	0	9	1	0	74	80	—	—	—	—	1.0	—	1.1	4
	Sukkur	000	0	7	08	05	96	03	2	970	83	7	0	9	6	0	49	03	000	0	7	23	05	96	03	2	013	85	7	0	9	6	0	76	80	—	—	—	—	0.0	—	0.0	—
	Kashmore	000	0	4	18	02	98	03	2	971	94	0	0	4	0	0	74	96	000	0	4	18	02	98	03	2	020	81	5	0	9	0	0	74	82	—	—	—	—	0.2	—	0.2	—
	Jacobaba	000	0	7	13	10	96	03	1	969	95	7	0	9	7	0	77	95	000	0	5	18	07	96	03	2	011	85	5	0	9	7	0	75	81	—	9	—	1	0.5	— 1.5	0.8	10
unagadh	Veraval	...																																							26
	HILL STATIONS																																							
Kashmir	Srinagar **	...																																							71
	Gulmarg **	...																																							26
	Sonamarg **	...																																							—
	Dras **	...																																							3
	Leh **	...																																							6
	Skardu **	...																																							—
	Misgar **	...																																							5
	Aliabad **	...																																							5
	Gilgit **	...																																							59
Rawalpindi	Murree **	005	2	8	23	03	96	03	6	409	67	8	5	2	/	/	64	//	007	9	8	09	03	97	03	6	460	64	8	5	4	/	/	//	62	/	+	5	11.3	—11.7	28.9	18
Peshawar	Drosh **	...																	014	0	7	00	00	97	02	2	468	79	4	8	6	7	0	60	69	—	—	—	—	—	—	—	29
	Cherat **	000	0	6	18	10	98	02	1	436	81	6	4	6	0	0	69	84	004	5	7	18	02	97	03	2	466	73	4	7	4	1	0	60	//	—	14	—	/	3.3	— 4.1	12.7	—
	Kakul **	000	0	6	18	07	95	03	2	438	79	6	7	3	0	0	73	84	027	3	8	23	02	95	03	6	430	69	8	3	3	3	0	62	68	—	—	—	—	10.9	—	21.6	—
	Landikotal **	000	0	6	05	05	98	01	1	430	84	6	0	9	0	0	79	90	000	0	6	31	05	98	//	1	441	81	6	3	9	3	0	62	75	—	—	—	—	0.9	—	11.4	29
	Prachinar **	000	3	6	11	03	96	12	9	452	73	4	9	5	2	/	62	79	011	0	6	00	00	98	02	2	454	69	6	0	9	7	0	62	64	—	—	—	—	4.9	—	15.6	13
D.I. Khan	Miranshah **	000	0	4	05	01	96	02	0	412	86	8	0	9	0	0	56	91	000	0	6	05	05	98	02	0	444	80	6	0	9	0	0	66	75	—	—	—	—	0.5	— 2.9	2.0	11
	Wana **	...																	025	0	6	00	00	99	00	0	439	75	0	0	9	0	0	70	73	—	—	—	—	—	—	—	11
Quetta	Fort Sandeman **	000	0	6	05	05	96	05	1	398	88	3	4	6	2	0	58	95	000	0	5	00	00	97	03	1	433	73	2	5	7	3	0	61	75	—	4	+	1	1.4	— 2.4	5.7	—
	Hindubagh **	000	0	8	07	03	94	03	0	387	93	8	0	9	0	0	53	98	000	0	6	03	00	94	03	1	455	72	2	5	7	3	0	61	69	0	+	4	0	2.7	—	5.9	9
	Loralai **	000	0	0	27	06	98	00	0	431	95	0	0	9	0	0	65	96	035	0	8	18	02	98	01	0	398	75	0	1	8	0	0	69	62	—	—	—	—	1.0	—	8.0	—
	Barkhan **	...																																							14
	Harnai **	...																																							9
	Samungli (Quetta) **	000	0	1	31	05	96	05	0	408	93	1	0	7	0	0	54	96	000	0	3	00	00	96	05	8	417	82	0	0	8	0	5	70	//	—	—	—	—	2.1	— 3.1	3.8	9
	Chaman **	000	0	0	23	07	97	00	0	435	96	0	0	9	0	0	43	98	000	0	0	13	04	97	00	0	451	70	0	0	9	0	0	52	67	—	1	—	0	0.5	— 0.5	2.1	8
	Nushki **	000	0	0	23	08	95	05	0	437	99	0	0	9	0	0	71	00	000	0	0	00	10	95	05	0	491	82	0	0	9	0	0	52	74	—	—	—	—	2.1	— 1.9	4.8	—
	Dalbandin **	000	0	0	23	12	95	07	0	422	05	0	0	9	0	0	07	07	000	0	0	36	03	95	05	0	437	83	0	0	9	0	0	52	76	—	—	—	—	0.5	—	2.7	4
Kalat	Kalat **	000	0	0	31	03	96	02	0	433	84	0	0	9	0	0	45	90	003	0	0	18	02	97	02	0	446	68	0	0	9	0	0	53	61	—	0	+	3	0.9	—	2.2	—
	Khuzdar **	000	0	5	13	08	97	02	9	407	87	3	5	7	2	0	63	99	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—	5
	Panjgur **	...																																							—

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 14th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	8$N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{w1}T$	$3P_wP_wH_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dosma	99 1 05	10 7 07	13 0 63	23 0 17	98 1 53	12 0 28	33 4 00				0/ / 24	12 7 28	39 9 / /	99 / / /

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
		PoPoPo ToTcTo DoDo	hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	002 225 06	...	410 170 00	109 120 / /	587 099 / /	762 115 / /	976 257 / /	155 510 / /	437 651	...	...	...	...
Dacca ...	00 00	002 279 12	...	380 085 12	072 092 41	579 053 36	752 133 24	967 277 / /	245 505 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	999 268 21	...	350 170 57	003 134 60	577 055 / /	749 131 / /	966 181 / /	...	...	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...	00 00	MISDA	...	...		...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	988 250 35	...	490 240 45	185 114 56	589 081 / /	759 181 / /	970 275 / /	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD								Max. Wind Speed	TROPOPAUSE
										PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_{at}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 200 00	800 150 02	600 084 / /	350 199 / /	212 000 02	175 050 06	...	...	...	...	...	...
Dacca ...	00 00	900 190 27	800 136 50	600 010 50	578 000 50	350 189 43	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...													
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T † of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd fff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	130 12	120 13	120 21	...	...	...	...	...	...	100 27	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...
Chakla ...	...	110 08	130 10	145 17	160 17	...	...	...	...	...	060 04	105 07	115 10	...	...	...	135 05	110 10	110 14	130 15	...	...	...	...	...	...
Chhor ...	220 11	200 12	195 14	...	...	...	...	...	...	...	...	...	...	...	...	205 14	195 15	200 15	...	...	...	...	...	...	...	...
Chittagong ...	155 13	165 18	165 21	...	...	...	...	...	...	...	...	...	...	...	...	150 23	155 25	170 23	...	...	...	...	...	...	...	...
Cox's Bazar ...	130 31	185 32	190 35	...	...	...	...	...	...	...	...	...	...	...	...	160 36	170 18	180 28	...	...	...	...	...	...	...	...
Dacca ...	135 09	130 13	140 17	140 21	...	...	...	...	...	105 18	090 12	065 13	085 12	085 08	085 10	150 10	165 12	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	300 02	235 06	230 07	280 07	280 15	280 15	250 12	...	...	065 01	320 02	300 13	285 17	...	...	...	070 06	195 02	295 09	275 07	285 08	285 08	220 09	220 11
D. I. Khan ...	175 06	035 04	045 04	030 09	015 08	345 13	...	...	...	165 02	060 01	015 08	345 10	105 06	135 06	190 06	215 06	245 06	240 06	010 15	335 11	340 14	355 12	350 17	350 22	180 10
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	175 01	240 06	225 08											
Fort Sandeman ...	...	...	...	040 10	355 02	275 06	325 15	335 16	...	...	...	...	040 04	025 04	325 14				005 01	325 02	290 03	010 06	350 10	355 14	...	...
Jacobabad ...	140 13	140 14	130 11	130 08	005 04	010 10	340 13	...	...	140 13	145 13	155 11	145 08	170 04	245 07	145 15	145 15	115 14	115 12	105 09	065 07	005 15	020 26	010 33	360 32	350 48
Jessore ...	110 15	115 26	120 23	125 26	...	...	...	...	...	No	Ascent					150 30	170 25	175 41	170 31	170 33						
Jhelum ...	180 05	140 05	140 07	125 09	130 10	145 11	...	...	...	105 04	120 08	125 12	135 12	195 11	165 12	195 06	155 09	150 14	145 15	155 15	150 22	315 11	...	...	...	...
Jiwani ...	140 21	145 12	150 07	...	...	...	...	...	...	105 14	105 15	...	...	...	...	105 10	...	...	...	...	...	...	...	...	...	...
Karachi ...	245 09	235 10	...	...	...	...	...	...	...	...	...	...	...	...	...	265 20	275 15	...	...	...	...	...	...	...	...	...
Khanpur ...	050 08	080 06	120 05	065 08	055 15	045 20	...	...	...	230 06	230 06	245 07	265 09	...	...	215 09	215 10	220 07	180 04	155 09	045 04	...	...	...	...	...
Lahore ...	335 01	220 00	220 08	210 12	185 12	...	...	...	...	115 02	180 05	230 06	230 42	230 11	...	145 12	140 11	135 11	165 11	165 05	190 08	...	...	...	...	...
Multan ...	...	...	...	...	...	...	...	...	...	105 10	165 09	180 09	240 08	...	...	165 02	240 03	240 07	315 04	050 04	330 10	315 13	...	...	...	...
Nawab Shah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...											
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...		065 14	115 06	120 06	...	...	...	...	...	No	345 08	355 09	320 23	285 20	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	No	Ascent	...	...	...	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Sargodha ...	285 05	200 01	220 02	240 07	160 04	...	...	...	...	175 12	185 15	190 15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	180 25	...	...	...	...	...	...	...	...	095 10	100 10	155 12	155 21	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...	255 23	265 21	275 21	285 21	300 23	035 21	010 26	035 19	035 17	025 01	055 23	055 23	070 31					
Karachi ...																		
Peshawar ...																		
Quetta ...																		

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

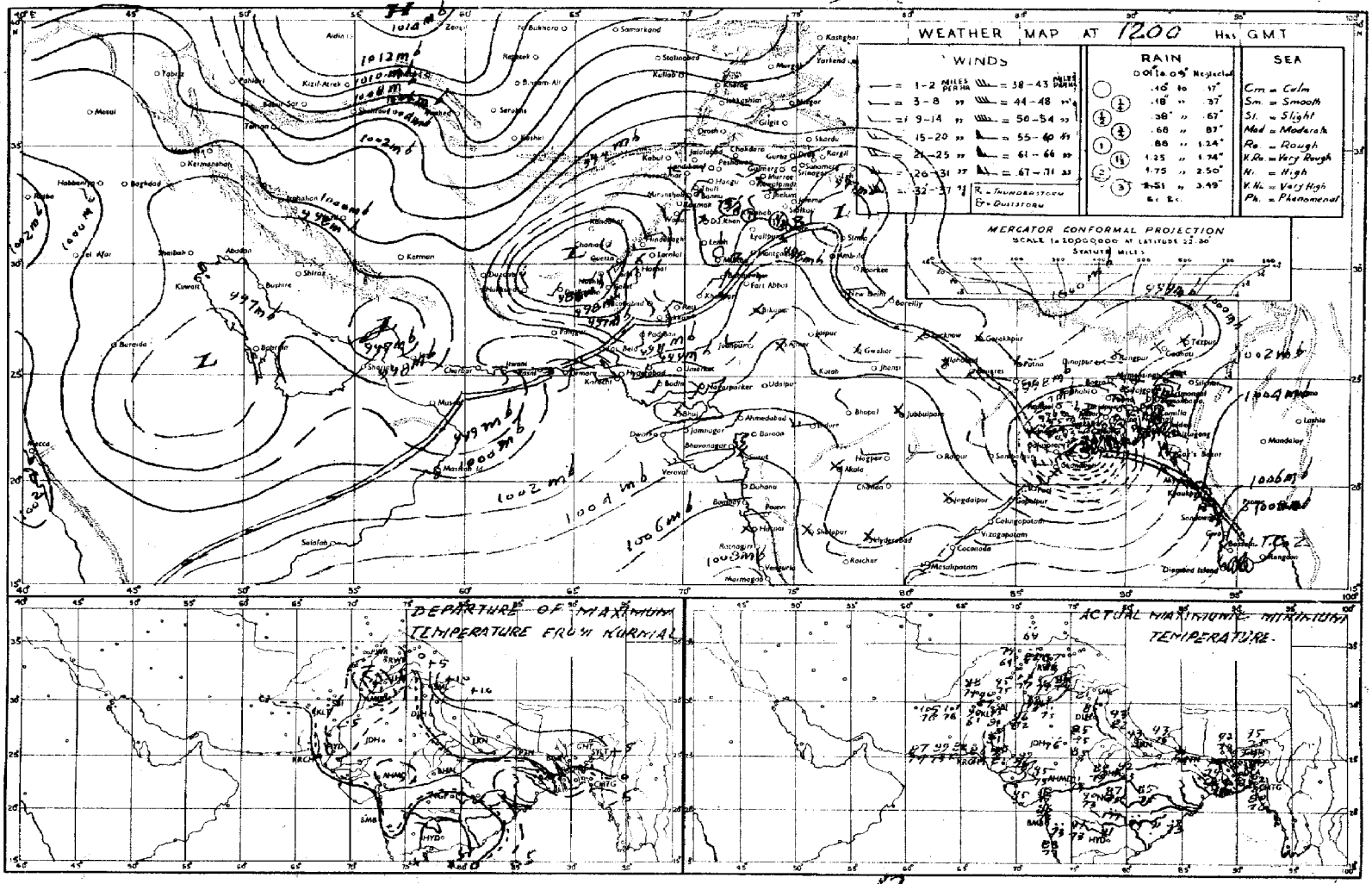
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

Cloud observation Data (IIIii Cdd V. V. etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

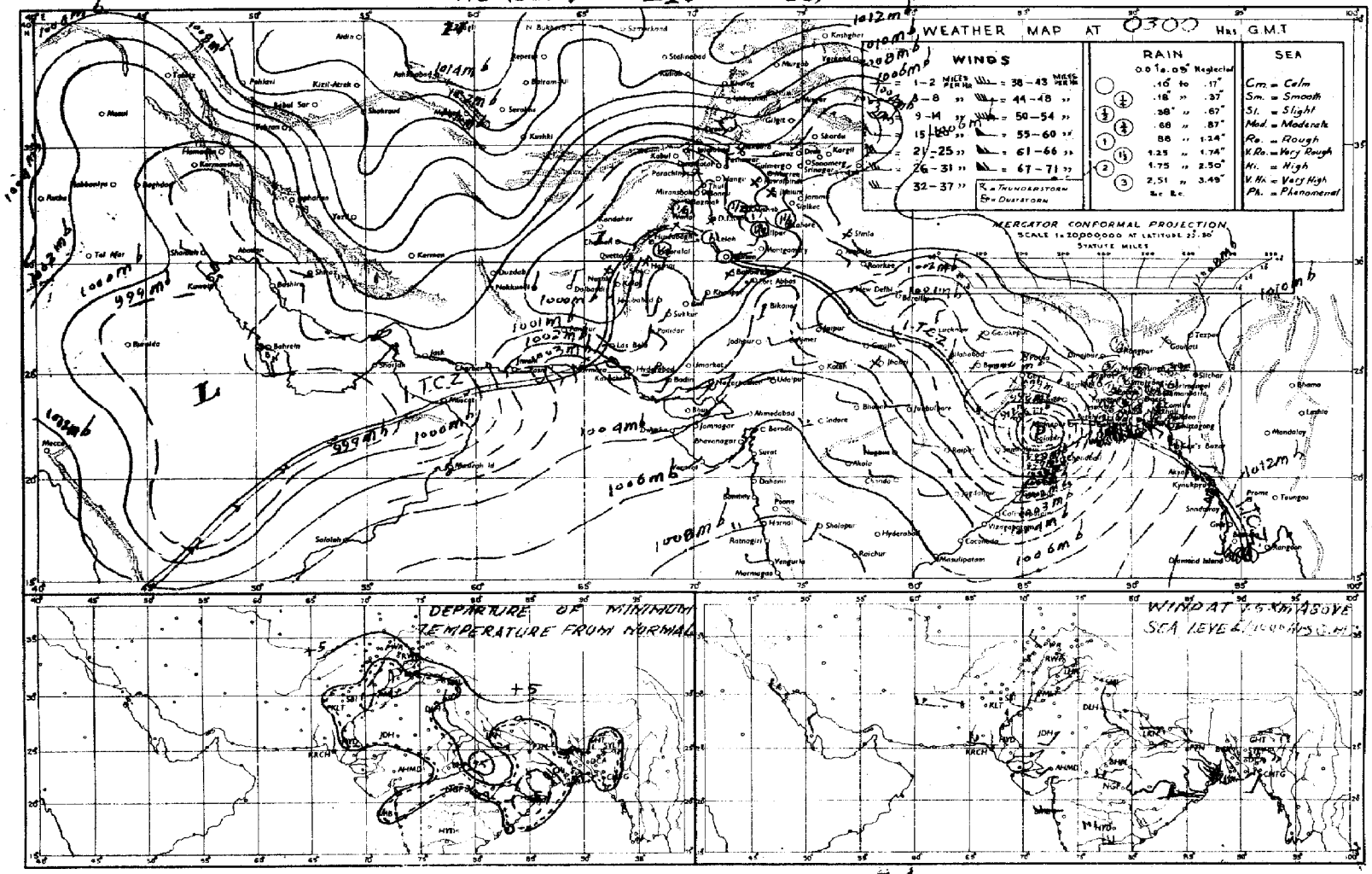
WEDNESDAY 13TH AUGUST, 1969



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 14 AUGUST, 1969



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 15th AUGUST 1969.

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

Observations lacking but believe last evening's deep depression moved north-west-wards weakened into a depression and is centred this morning at 15,0300 Z about 50 miles nort-west of Pendra likely move in a north westerly direction and weakened. Monsoon is active over East Pakistan, widespread rain/thundershowers have occurred in Dacca division. Fairly widespread in Chittagong division and Rajshahi division and local in Khulna division. Incursion of monsoon easterlies is taking place into northern divisions of West Pakistan. Seasonal trough of low pressure lies over Khairpur and Quetta divisions. Widespread rain/thundershowers have occurred in Sargodha division, fairly widespread in Rawalpindi division, local in D. I. Khan division and scattered in Multan, Bahawalpur, Peshawar and Quetta divisions.

Chief amounts of rainfall are: Maijdee Court, Narayanganj and Sargodha 3" each. Sylhet, Barisal and Khushab 2" each, Comilla and Dacca 1¼" each, Srimangal, Lyalpur, Murree 1" each, Brahmanbaria 3/4", Rajshahi, Rangpur ½" each, Faridpur, Satkhira and D. I. Khan (upto 18,000Z) ½" each.

Day temperatures were 3—8 °F (2—4 °C) below normal over the country out-side Hyderabad, Kalat and Karachi divisions where these were nearly normal.

Forecast valid until the evening of 16th August 1969 :— Fairly widespread rain/thundershowers are likely to occur in East Pakistan and Lahore, Rawalpindi, Sargodha divisions and Kashmir, local in Peshawar division and scattered in Quetta, D. I. Khan, Multan, Bahawalpur, Khairpur and Hyderabad divisions.

Karachi-11
The 15th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 from †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at †	Total clud 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	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	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	h	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 **	026		8	13	02	95	03	1	953	78	8	5	2	0	0	77	85	000	0	7	18	01	97	02	2	019	82	4	4	6	7	/	81	79	—	—	54.4	—	63.6	—
	Cox's Bazar **	000	0	7	15	12	96	02	2	060	80	5	4	4	3	1	76	86	000	0	8	13	12	95	02	2	093	82	5	4	4	6	7	79	77	—	0	57.2	—23.8	65.8	140
	Chittagong **	010	9	6	18	15	96	01	2	061	82	2	5	4	3	1	76	86	000	0	7	13	12	96	02	2	091	82	2	4	5	2	0	75	77	+ 1	+ 1	29.0	—24.1	85.2	108
	Maijdee Court **	080	5	8	16	13	95	03	6	044	83	5	5	4	7	0	77	80	340	9	8	10	02	94	63	6	067	81	5	5	4	2	0	75	75	—	— 4	85.1	+28.5	97.2	115
	Comilla **	000	0	6	18	05	16	02	2	055	78	6	4	4	0	0	78	80	144	3	7	18	05	96	01	6	031	77	7	4	4	/	/	77	73	—	— 4	59.5	+16.1	78.6	94
	Brahmanbaria **	047	1	7	13	09	97	03	6	055	80	7	5	3	0	0	77	86	069	9	8	18	05	96	02	6	08	81	4	5	5	2	1	75	75	—	—	30.2	—29.7	39.3	78
	Sylhet **	031	9	8	86	05	96	21	6	033	77	8	3	3	2	/	77	82	226	7	8	00	00	95	61	6	078	81	6	5	6	0	0	79	//	—	—	77.2	—	///	—
	Srimangal **	079	9	4	00	00	96	02	9	077	80	0	0	9	2	2	77	93	117	9	8	00	00	96	00	9	016	79	3	3	3	3	1	77	//	+ 3	/	43.0	+ 3.0	64.0	98
Dacca	Mymensingh **	000	0	6	00	00	97	01	2	054	80	6	5	5	0	0	77	90	162	3	7	13	02	97	03	2	081	79	7	5	4	0	0	72	75	+ 1	— 3	43.0	+ 7.0	49.1	91
	Narayanganj **	397	1	8	18	05	95	03	2	046	78	8	7	3	/	/	76	80	292	0	8	18	02	97	03	2	076	82	8	6	3	/	/	81	75	— 7	— 4	31.6	+ 0.1	55.0	74
	Dacca (Tezgaon) **	071	9	7	00	00	97	21	6	041	77	6	9	3	2	0	76	80	154	9	8	18	05	97	02	9	084	81	5	7	3	7	/	79	75	—	—	31.7	—	41.8	—
	Faridpur **	003	0	8	16	02	96	02	6	030	78	6	6	5	4	1	0	70	80	034	0	7	16	02	97	82	2	067	82	5	4	5	1	5	79	79	— 7	0	26.2	— 5.3	39.8	71
Khulna	Barisal **	031	8	8	00	00	6	61	6	039	77	6	7	4	2	/	77	98	237	3	8	13	02	95	60	5	074	81	6	4	5	2	0	81	75	— 7	— 3	47.2	+ 8.4	47.8	81
	Khulna **	000	0	6	13	05	97	03	0	022	78	3	3	4	0	0	78	80	000	0	4	00	00	97	03	0	024	82	2	2	4	0	0	82	77	— 7	—	25.4	— 8.1	31.5	68
	Satkhira **	098	0	6	18	01	97	01	0	998	80	3	3	9	0	0	77	80	021	0	6	18	06	97	01	0	068	82	2	3	9	0	1	81	79	+ 2	— 1	20.4	—10.9	25.6	65
	Jessore **	007	2	8	17	12	97	03	6	026	79	5	6	2	2	/	77	82	007	9	7	18	15	97	02	6	065	84	2	6	3	4	0	77	75	—	—	26.0	— 4.3	32.5	65
Rajshahi	Pabna **	003	9	8	18	13	96	53	6	027	80	8	7	5	7	/	76	82	008	9	1	13	05	97	01	5	064	81	7	6	/	/	/	77	79	—	—	24.7	—	38.4	59
	Sirajgan **	020	1	8	09	03	96	67	6	046	80	8	0	7	8	0	77	80	020	9	8	18	02	97	01	5	071	80	8	7	1	0	0	77	77	— 3	— 2	25.7	— 3.6	33.2	64
	Rajshahi **	046	9	6	13	07	95	03	6	075	82	5	7	5	2	/	77	82	063	9	8	12	09	95	60	6	066	77	9	7	4	/	/	77	77	— 6	— 2	28.7	—	34.0	—
	Bogra **	031	0	8	09	07	96	02	2	034	80	6	5	4	2	/	77	80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	— 8	—	—	—	69
	Dinajpur **	014	5	6	09	05	96	02	6	027	78	3	5	6	2	/	72	82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	— 7	—	—	—	72
	Rangpur **	028	5	7	13	02	96	03	6	959	85	5	5	6	2	0	78	90	048	8	7	09	02	96	61	6	002	84	7	5	6	0	0	81	79	+ 1	+ 1	42.0	+ 2.0	60.6	84
Kashmir	Jammu **																																								—
Lahore	Lahore (Jail Rd.) **	000	0	5	10	02	96	01	2	993	93	3	2	6	3	2	73	93	000	0	4	13	02	96	03	2	011	81	3	4	6	7	0	73	82	— 5	+ 3	12.0	+ 2.4	16.6	19
	Sialkot **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	00	0	044	79	0	0	9	0	0	65	//		/	6 8	— 4.8	11.4	32
Rawal-pindi	Jhelum **	000	2	7	09	03	97	03	5	993	90	4	3	6	1	3	81	94	002	6	8	13	05	96	03	5	020	81	7	9	5	2	1	79	81	—	—	13.4	—	23.6	—
	Islamabad **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Rawalpindi **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	016	8	8	00	00	98	51	6	019	79	8	5	6	0	0	75	79		— 4	13.2	— 2.0	23.2	26
	Campbellpur **																																								—
Sargo-dha	Khushab **	085	3	8	00	//	//	//	/	008	78	6	2	9	4	0	78	00	199	4	8	00	00	96	03	6	012	79	8	2	4	4	0	79	75	—	— 6	2.4	— 4.6	6.5	15
	Sargodha **	313	1	8	18	07	95	95	9	995	92	2	9	5	2	0	80	90	300	9	7	18	03	97	60	9	015	77	0	9	3	2	0	75	75	—	—	15.0	—	18.5	—
	Lyallpur **	000	7	5	36	02	97	17	9	903	93	0	9	7	2	0	76	95	070	1	5	00	00	96	61	9	013	81	5	9	7	2	0	79	79	— 3	— 1	38.6	— 2.0	6.8	12
Multan	Sahiwal **																																								10
	Multan **	000	0	7	13	05	97	17	9	984	90	4	9	6			78	96	000	0	4	00	00	97	02	2	011	86	3	0	9	3	1	79	82	— 3	— 1	8.0	+ 4.4	11.0	7
	Leiah **	000	0	6	27	02	93	01	5	992	96	0	6	7	3	0	77	96	000	0	6	34	02	92	02	2	013	81	0	0	9	0	0	73	79	—	—	0.0	—	2.0	8
Baha-walpur	Khanpur **	000	0	6	23	05	97	03	2	969	98	2	8	6	0	0	70	00	000	0	4	23	03	97	02	2	003	87	0	0	9	0	1	73	82	— 3	+ 1	0.0	— 3.8	1.0	6
	Bahawalpur **	000	6	1	03	00	94	05	2	980	82	0	0	1	0	0	72	00	000	0	0	00	00	94	03	2	949	84	0	0	9	0	0	77	81	— 19	— 0	0.6	— 2.0	1.8	6
	Fort Abbas **	///	/	0	00	00	98	00	0	983	93	0	0	9	0	0	62	93	012	2	2	23	02	98	00	7	011	84	2	0	9	0	0	77	81			0.7	—	0.9	8
Pesha-war	Chakdra **	000	0	6	36	02	97	03	1	995	82	7	4	7	0	0	73	87	000	0	7	00	00	97	01	2	008	77	7	0	9	0	0	69	73	—	—	3.0	—	12.4	—
	Peshawar **	000	0	7	13	02	97	02	2	994	90	3	3	6	0	0	76	91	012	3	7	23	02	97	02	6	021	81	5	6	4	2	0	75	79	— 7	— 0	3.3	+ 0.3	12.0	11
	Haripur **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	3	6	05	03	97	03	2	023	80	0	0	9	4	0	73	73	—	—	2.8	—	13.0	—
D. I. Khan	Bannu **																		014	0	4	05	01	98	03	2	017	80	2	2	7	2	0	75	79	—	—	0.6	—	4.5	11
	D. I. Khan **	000	0	0	00	00	98	00	0	589	85	0	0	9	0	0	78	91																		— 9	—				9
Quetta	Sibi **	000	0	0	18	03	97	02	0	963	05	0	0	9	0	0	56	05	000	0	6	13	03	97	03	1	046	90	4	2	9	4	0	62	87	—	—	0.2	—	0.2	5
	Nokkundi **	000	0	0	41	05	96	02	0	941	03	0	0	9	0	0	48	04	000	0	0	00	00	//	02	0	002	82	0	0	9	4	0	24	75	—	—	0.0	—	0.0	2
Kalat	Turbat **																																								—
	Jiwani **	000	0	6	13	12	96	01	2	000	84	4	6	5	0	0	73	85	000	0	6	13	07	96	02	1	020	80	6	6	5	0	0	71	78	—	—	0.0	—	2.0	5
	pasni **	000	0	0	25	10	97	02	0	013	86	0	0	0	0	0	76	97	080	0	4	13	06	//	02	0	028	75	4	0	9	0	0	75	76	—	— 1	0.0	— 0.8	0.0	6
Karachi division	Ormara **	000	0	1	27	18	96	02	2	006	94	1	6	6	0	0	78	88	080	0	6	27	05	96	06	6	030	81	6	6	6	0	0	75	18	—	—	0.0	—	0.6	6
	Lasbela **	000	0	0	13	03	97	00	0	977	78	0	0	8	0	0	77	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
	Karachi (Manora) **	000	0	5	27	09	97	03	1	003	81	2	6	5	0	0	76	83	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
	Karachi (Airport) **	000	0	7	25	10	96	02	2	000	83	5	6	5	0	0	73	84	000	0	8	27	10	96	03	2	018	80	3	6	5	2	/	73	76	— 2	—	1.5	—	1.5	—
Hydera-bad	Nagarparkar **	000	0	6	23	02	97	02	0	039	90	6	6	6	0	0	78	91	000	0	6	23	02	97	02	0	060	81	6	6	6	0	0	77	89	—	—	6.1	—	0.1	—
	Chhor **	000	0	6	23	09	96	01	2	989	88	4	5	6	0	0	73	91	000	0	6	23	09	96	02	2	020	81	5	5	5	2	0	73	78	—	—	0.7	—	0.7	7
	Hyderabad **	000	0	0	23	09	97	06	1	977	93	0	0	9	0	0	74	02	000	0	1	23	03	97	01	0	009	84	0	0	9	0	1	74	80	+ 7	— 1	0.2	— 4.5	0.3	9
	Badin **	000	0	4	23	07	96	03	0	998	80	0	0	9	0	4	73	89	000	0	8	23	04	96	03	0	029	79	0	0	9	0	8	74	78	— 3	— 1	0.3	— 5.1	0.3	—
Khairpur	Padidan **	000	0	1	13	03	96	01	0	968	02	1	0	9			73	03	000	0	0	13	05	97	02	0	006	83	0	0	1	0	0	74	80	—	—	0.8	—	0.8	—
	Nawabshah **	000	0	0	13	03	96	02	0	976	98	7	0	9	3	0	75	01	000	0	2	13	02	96	02	1	008	83	0	0	1	9	0	3	76	80	—	—	1.0	—	1.1	—
	Sukkur **	000	8	7	31	03	96	03	7	986	03	7	0	9	6	0	75	04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
	Kashmore **	000	0	6	18	02	98	03	2	980	98	0	0	9	6	0	72	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30
	Jacobaba **	000	0	3	13	10	97	07	2	968	99	0	0	9	0	1	76	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4	...	...	...	26
unagadh	Veraval **																																								—
Kashmir	HILL STATIONS																																								
	Srinagar **																																								71
	Gulmarg **																																								26
	Sonamarg **																																								—
	Dras **																																								3
	Leh **																																								6
	Skardu **																																								—
	Misgar **																																								5
	Alisbad **																																								59
	Gilgit **																																								—
Rawalpindi	Murree **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	105	9	8	09	05	96	03	6	452	62	8	5	4	/	/	60	60		+ 3	12.3	—12.2	30.0	18
Peshawar	Drosh **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	003	0	4	00	00	97	01	2	458	75	1	1	7	6	0	62	73		—	1 0	—	12.2	29
	Chenar **	003	2	0	18	10	96	02	6	445	73	8	4	6	0	0	70	76	023	3	7	00	00	96	02	6	451	69	2	4	7	5	0	65	//	—	/	3 7	— 4.0	13.0	—
	Kakul **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	042	3	8	31	02	98	02	6	453	72	6	4	5	2	0	60	69	11 5	—	—	—	22.0	—
	Landikotal **	000	0	0	31	05	95	02	0	430	85	0	0	9	0	0	78	91	000	5	8	00	00	97	03	6	456	75	8	7	6	0	0	73	//	08	—	—	11.4	29
	Prachinar **	000	0	8	18	02	98	02	2	403	85	0	0	4	0	0	76	87	000	0	4	00	00	97	01	2	428	69	3	5	5	3	0	65	65	—	—	5.0	—	15.6	13
D.I. Khan	Miranshah **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	05	95	99	00	0	414	81	0	0	9	0	0	64	75	—	—	0.5	—	2.0	11
	Wana **	010	8	8	13	02	97	50	6	416	77	8	2	7	0	0	78	87	010	0	0	00	00	99	00	0	438	79	0	0	9	0	0	59	73	—	—	1 0	— 3.0	3.7	11
Quetta	Fort Sandeman **	000	0	7	13	07	97	03	2	405	89	5	4	6	2	0	59	95	015	0	3	05	03	97	02	1	435	76	1	0	5	7	2	0	64	73	— 4	— 1	1.5	— 2.3	5.8	9
	Hindubagh **	000	0	6	07	03	95	03	0	407	96	8	2	4	0	0	59	95	000	0	0	00	00	97	02	0	422	78	0	0	1	8	0	65	65	—	—	2.7	—	4.8	—
	Loralai **	000	0	0	27	02	98	00	0	395	90	0	0	9	0	0	65	96	000	0	8	27	02	98	01	0	398	75	0	1	8	0	0	66	50	—	—	1.0	—	1.0	—
	Barkhan **																																								14
	Harnai **	000	0	0	00	00	96	03	2	400	93	0	0	8	0	0	63	94	000	0	0	00	00	96	02	0	401	80	0	0	9	0	0	70	67	—	—	2.1	— 3.2	3.8	9
	Samungli (Quetta) **	000	0	0	31	10	96	05	0	416	91	0	0	9	0	0	75	96	000	0	0	00	00	96	05	0	443	75	0	0	9	0	0	66	66	—	—	0.5	— 0.5	3.1	8
	Chaman **	000	0	0	23	07	97	00	0	429	95	0	0	9	0	0	59	95	000	0	0	18	03	97	00	0	431	75	0	0	9	0	0	53	73	— 4	— 1	2.1	+ 2.0	4.8	—
	Nushki **	000	0	0	00	00	95	05	0	419	00	0	0	9	0	0	71	01	000	0	0	09	07	95	05	0	492	83	0	0	9	0	0	44	77	—	—	0.8	—	2.7	—
	Dalbandin **	000	0	0	13	02	95	05	0	427	02	0	0	9	0	0	26	03	000	0	0	05	02	95	05	0	443	76	0	0	9	0	0	44	66	— 4	— 6	0.3	— 0.2	0.5	7
Kalat	Kalat **	000	0	0	31	02	96	02	0	408	84	0	0	9	0	0	56	88	000	0	0	18	02	97	00	1	438	70	0	0	9	0	0	51	61	— 2	+ 3	0.8	— 0.5	2.2	—
	Khuzdar **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	97	05	0	439	81	0	0	9	0	0	65	75			1.6	—	3.0	—
	Panjgur **																																								—

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 15th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	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$_s$	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

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PoPoPo ToToTo DoDo	1000 mb (hhh TTT_a DD)	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	C05 256 13	...	470 188 35	128 116 44	588 013 50	763 097 5/	969 219 57	...	...	...	...	...	...
Dacca ...	00 00	005 264 19	...	90/ 214 21	132 124 16	590 023 05	764 121 /6	979 265 56	..	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	998 266 39	...	400 210 / /	1/ / /// ///	579 071 / /	429 185 / /	959 235 / /	241 411 / /	...	...	...	...	...
Multan ...	03 00	98/ 280 1/	...	500 190 24	087 110 18	581 055 / /	754 115 / /	966 291 / /	240 525 / /	..	...	...	...	...
Peshawar ...	00 00	MISDA	...	...	...		...	...	...	...	...	...	...	...
Quetta ...														
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 212 2?	800 170 40	600 062 47	...	...	..	...	...	...	...	...	...
Dacca ...	00 00	900 240 15	800 170 30	600 062 31	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	MISDA	...	...	...	...	..	...	...	...	...	...	...
Quetta ...													
Sargodha ...													

PPP—Pressure in hunderds 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.

UPPER WIND DATA

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

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
Bogra ...	125 20	145 23	155 27	...	...	...	..	.	...
Chaklala ...		210 08	165 06	130 07	140 11	140 14	..	...	...
Chhor ...	205 10	205 12	200 11	...	190 10	...	...	...	...
Chittagong ...	135 27	130 35	145 36	155 40	180 39	...	...	...	...
Cox's Bazar ...	155 21	170 22	175 27	190 22	...	...	...	...	..
Dacca ...	160 10	160 14	170 18	175 29	...	...	...	...	...
Dalbandin ...	...	...	240 10	230 07	210 81	285 06	230 07	270 07	215 08
D. I. Khan ...	...	...	...	...	...	...	...	...	..
Drosh ...	...	..	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	..	030 03	055 01	325 03	...	...	...
Jacobabad ...	145 08	150 07	135 06	065 14	005 04	350 13	380 08	340 08	...
Jessore ...	155 09	165 21	165 23	...	170 23	...	...	...	...
Jhelum ...	180 03	170 05	165 05	145 09	140 17	...	...	...	...
Jiwani ...	130 13	105 10	...	...	...	...	...	...	...
Karachi ...	260 15	270 15	...	...	...	...	...	...	...
Khanpur ...	215 08	220 10	215 10	230 07	185 16	160 08	...	...	...
Lahore ...	185 05	180 06	180 05	165 04	140 06	145 08	...	...	...
Multan ...	155 13	125 12	215 09	265 08	305 05	...	...	...	...
Nawab Shah ...	...	...	...	...	...	...	...	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...
Peshawar ...		085 11	075 08	060 06	085 14	...	...	...	...
Quetta ...	...	No	Ascent	...	...	...	...	...	...
Sargodha ...	135 10	150 14	180 10	220 1/	295 19	...	...	...	...
Sylhet ...	110 12	150 17	195 19	205 33	210 38	...	...	...	...
Veraval ...	...	...	...	..	...	...	..	...	...

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

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
Bogra ...	No	Ascent	..	...	...	...
Chaklala ...	No	Ascent	...	...	...	..
Chhor ...	240 15	250 16	185 15	...	145 18	..
Chittagong ...	...	..	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	..
Dacca ...	150 25	170 30	180 31	...	210 29	...
Dalbandin ...	...	...	255 01	250 06	305 14	270 26
D. I. Khan ...	030 04	330 58	345 10	360 11	340 14	340 27
Drosh ...		...	...	230 04	205 03	190 07
Fort Sandeman ...	...	...	...	045 08	030 03	310 17
Jacobabad ...	175 13	180 28	135 02	050 02	085 03	035 04
Jessore ...	175 21	180 31	195 32	205 06	254 0/	
Jhelum ...	020 06	070 07	125 03	...	140 07	...
Jiwani ...	120 12	125 14	...	...		...
Karachi ...			...		...	
Khanpur ...	225 06	210 07	225 11	220 1/	245 11	280 14
Lahore ...	105 09	090 12	090 12	115 06	090 05	...
Multan ...	035 08	005 01	260 03	270 10	275 11	...
Nawab Shah ...	..		...	...	...	...
Panjgar ...	...		...	...	...	...
Peshawar ...		230 07	110 08	009 00	085 10	095 09
Quetta ...	No	Ascent	...	...	...	...
Sargodha ...	No	Ascent	...	...	...	..
Sylhet ...	No	Ascent	..	...	...	..
Veraval ...	...	..	.	...	.	

At 0600 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	135 12	165 05	...	...	...	...	...	...	...	...	...
Chaklala ...	...	No	Ascent	...		...	...	...	...	...	...
Chhor ...	210 18	210 17	200 14	...	190 13	...	..	...	...	...	..
Chittagong ...	170 26	175 24	185 25	190 20	195 15	...	...	..	...	...	..
Cox's Bazar ...	175 19	175 16	175 22	185 22	185 20	...	..	..	...	...	...
Dacca ...	170 13	180 19	195 27	...		...		...	...		...
Dalbandin ...	.	...	090 04	135 06	295 10	290 12	270 14	230 12	230 11	...	...
D. I. Khan ...	265 02	330 08	335 16	340 16	300 23	...	..	...	...	...	...
Drosh ...	.	...	...	.	...	...			...	..	..
Fort Sandeman ...	...	...	...	025 01	020 02	325 06	060 03	120 06		...	...
Jacobabad ...	155 07	160 04	130 07	130 11	140 09	080 04	355 11	020 10	051 /1	...	...
Jessore ...	2/5 17	210 27	215 31	225 24	...	...	...	...	...	...	..
Jhelum ...	...	No	Ascent	...	..	...	...	..	...	...	...
Jiwani ...	095 10	110 06	120 06	...	...	...	...	...	...	...	...
Karachi ...	275 08	300 10	340 10	...	...			...	...		..
Khanpur ...	245 06	255 06	255 06	255 11	31/ /9	285 11	350 13	005 15	010 20	...	...
Lahore ...	045 03	180 06	190 10	155 12				..	...	...	...
Multan ...	009 05	330 04	310 06	303 19	295 13	320 14	340 17	...	...	...	...
Nawab Shah ...	...	...	...	...	...	...		...	...	...	...
Panjgar ...	...	...			...	...	...	...	...	...	...
Peshawar ...	...	165 05	175 04	135 04	090 06	100 07	..	...		...	...
Quetta ...	No	Ascent		...	...	...	..	...	...	...	...
Sargodha ...	120 09	160 07	165 06	...	...		...	...	...	...	...
Sylhet ...	151 2/	180 13	...	...	...	...	.	...	..	.	...
Veraval ...	...	...	...	..	...		...	...	..	...	...

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

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

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi .	26/ 22	300 13	300 09	360 11	015 12	015 11	020 11	020 07	030 08	.	..	..	.	.	...	...	...	...
Peshawar ...																		
Quetta .																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

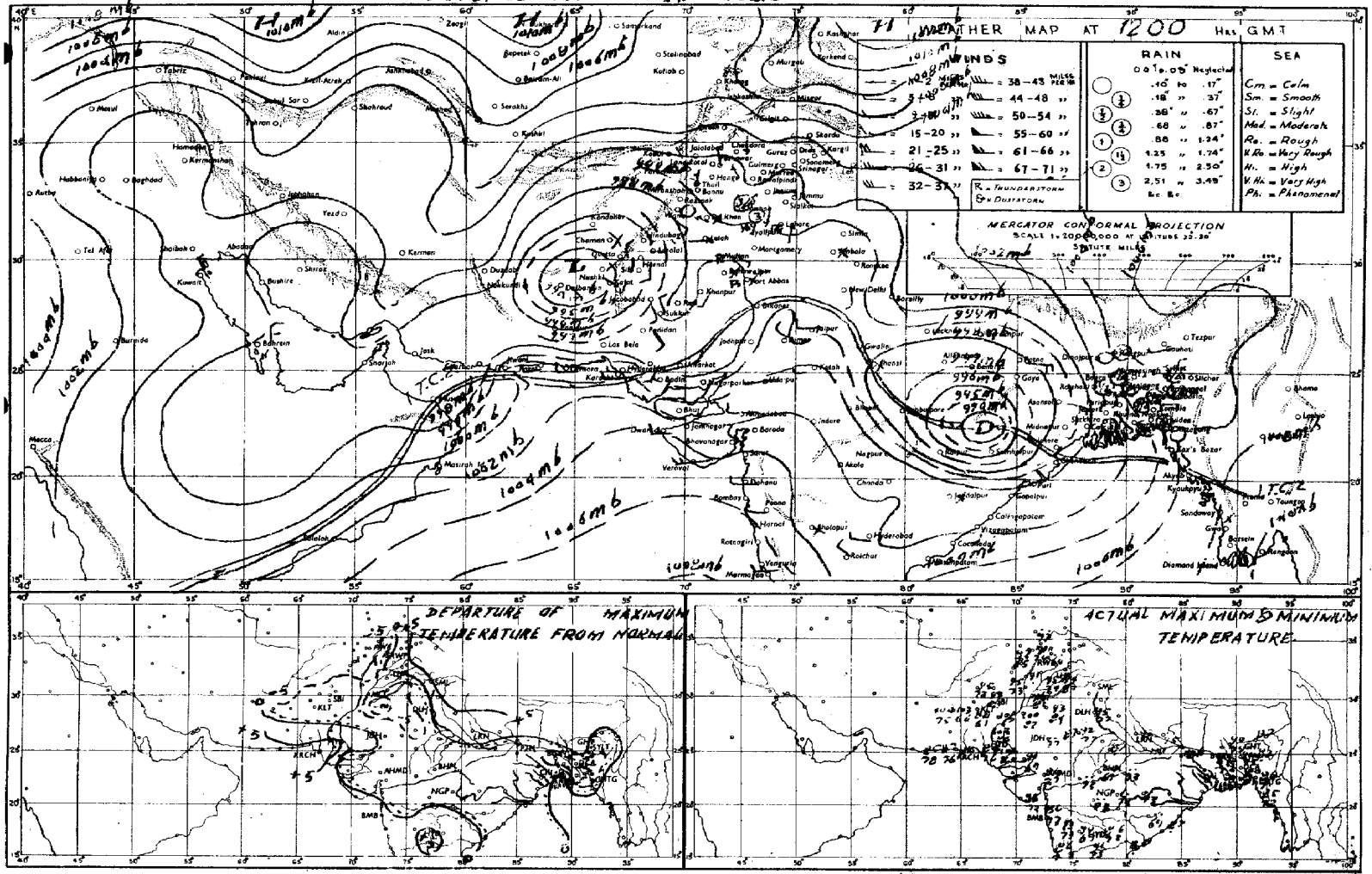
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

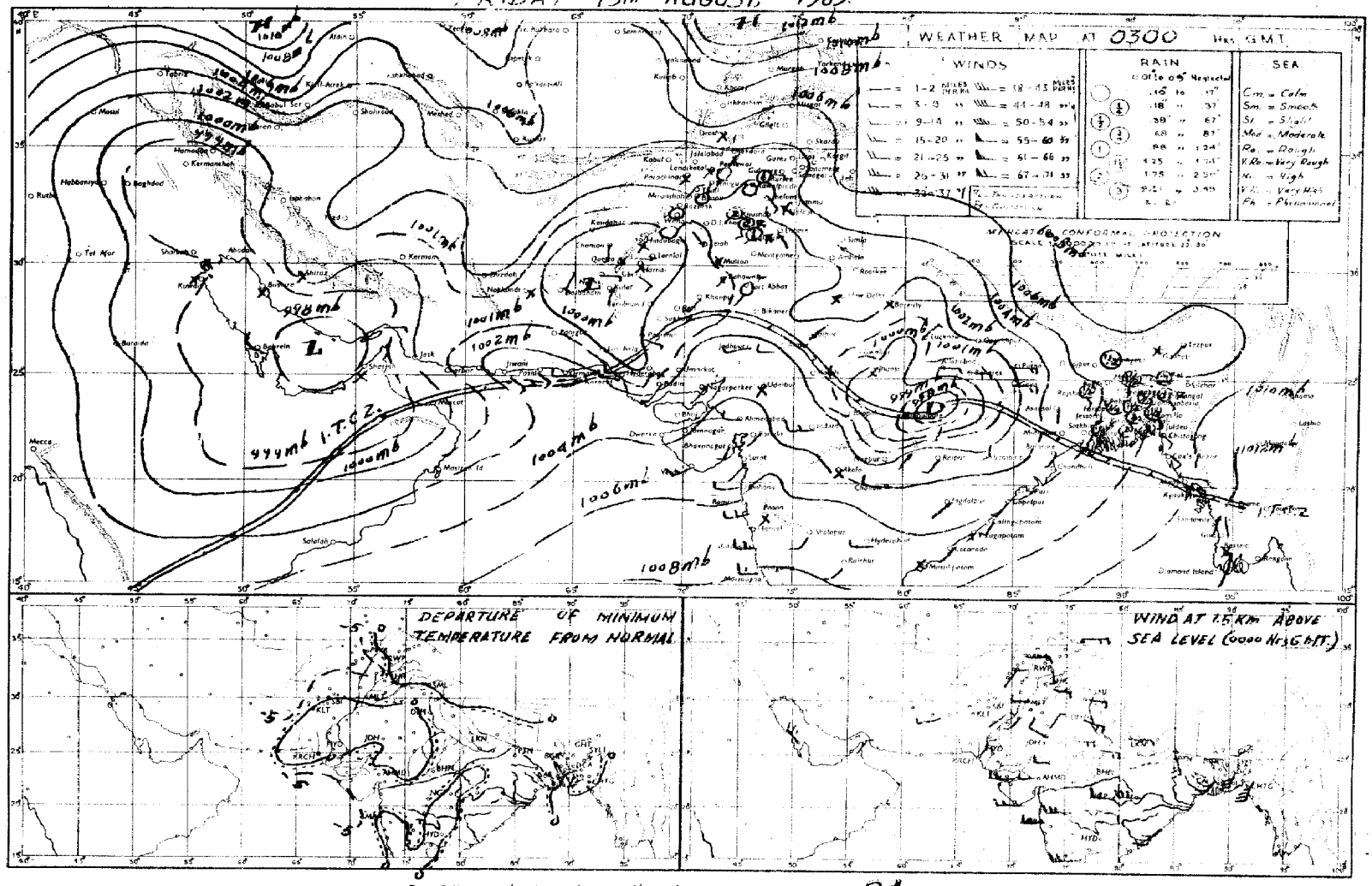
THURSDAY 14th AUGUST, 1969.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 15th AUGUST, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SATURDAY THE 16th AUGUST 1969.

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

Observations are lacking but believe yesterday's depression moved north-west-wards and was centred last evening at 15,1200 G.M.T. about 60 miles south-west of Allahabad. There after it moved west-north-west-wards and lies this morning with its centre at 16,0300 G.M.T. about 20 miles south of Jhansi. It is likely to move in a north westerly direction. Monsoon is active over East Pakistan. Widespread rain/thundershowers have occurred in Dacca and Rajshahi divisions, fairly widespread in Chittagong division and local in Khulna division. Incursion of monsoon easterlies continues into the northern divisions of West Pakistan. The seasonal trough of low pressure lies over Kalat and Khairpur divisions. Widespread rain/thundershowers have occurred in Sargodha division, local in Rawalpindi and Lahore divisions and scattered in Peshawar and D. I. Khan divisions.

Chief amounts of rainfall are: Maijdee Court and Jhelum 3" each, Sylhet and Srimangal (upto 000Z) 2" each, Comilla, Narayanganj and Dacca 1½" each, Cox's Bazar 1", Khulna 3/4", Faridpur, Dinajpur, Khushab, Lyallpur and Chakdara ½" each and Rangamati, Brahmanbaria, Rajshahi, Murree and Kalat ½" each.

Day temperatures were 13—20 °F (7—11 °C) below normal in Sargodha division and 3—8 °F (2—4 °C) so elsewhere over the country out-side Multan, Bahawalpur, Kalat, Karachi and Hyderabad divisions.

Forecast valid until the evening of 17th August 1969 :— Fairly widespread rain/thundershowers with locally moderate to heavy fall are likely to occur in East Pakistan, Lahore, Rawalpindi divisions and Kashmir, local in Multan and Peshawar divisions and scattered in D. I. Khan and Quetta divisions.

Karachi-11
The 16th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 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	010	5	9	18	02	96	02	6	074	78	5	3	5	7	/	73	66
	Cox's Bazar	000	0	7	18	12	96	50	5	C67	82	5	5	4	4	0	80	85
	Chittagong	000	0	7	18	12	96	02	2	064	82	4	4	4	3	0	77	82
	Maijdee Court	070	9	8	18	02	95	03	6	050	82	5	5	4	7	0	77	82
	Comilla	000	0	6	18	05	96	02	2	053	80	6	4	4	0	0	78	80
	Brahmanbaria	040	1	7	18	02	96	62	6	105	79	7	5	5	0	0	76	85
	Sylhet	030	6	8	13	05	96	61	6	046	76	7	6	3	2	/	76	80
	Srimangal	065	9	7	18	04	96	02	9	052	80	4	7	4	7	2	77	85
Dacca	Mymensingh	011	1	6	00	00	97	02	6	049	80	6	5	4	0	0	77	82
	Narayanganj	067	4	8	18	02	96	03	6	046	78	8	6	3	/	/	77	85
	Dacca (Tezgaon)	075	6	7	00	00	96	61	6	046	78	2	5	4	7	0	77	86
	Faridpur	061	0	7	18	02	97	02	6	037	80	6	5	4	1	0	77	82
Khulna	Barisal	000	0	8	18	05	96	02	2	045	82	5	6	3	7	0	78	85
	Khulna	075	4	4	00	00	97	03	0	051	78	2	0	4	0	2	//	82
	Satkhira	050	0	6	23	01	97	01	0	003	78	2	3	9	0	1	77	82
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi	Pabna	018	8	0	00	00	97	01	6	031	82	/	/	/	/	/	78	85
	Sirajganj	013	3	8	18	02	97	02	2	039	80	8	0	7	8	0	78	80
	Rajshahi	038	5	1	13	02	95	03	6	029	82	8	7	3	/	/	78	82
	Bogra	019	5	8	18	03	96	02	6	036	80	6	7	4	2	/	77	82
	Dinajpur	035	2	7	13	02	96	02	6	014	82	4	5	6	2	/	77	85
	Rangpur	062	8	5	13	02	96	01	6	961	86	2	2	6	1	0	78	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	012	7	7	00	00	96	02	9	989	85	3	5	5	2	1	76	90
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	275	5	7	36	03	97	21	9	998	82	5	6	6	7	0	78	82
	Islamabad																	
	Rawalpindi	008	1	8	00	00	99	02	6	000	85	2	4	7	6	0	76	85
	Campbellpur																	
Sargodha	Khushab	000	0	8	09	11	95	02	2	990	80	2	5	8	3	0	78	80
	Sargodha	036	9	8	09	05	97	03	5	991	82	8	9	3	2	1	78	82
	Lyallpur	050	3	9	00	00	//	62	9	983	78	5	9	7	0	0	78	85
Multan	Sahiwal																	
	Multan	000	0	5	36	03	97	02	1	967	96	1	1	6	3	1	78	00
	Leiah	000	0	2	31	02	93	01	2	988	98	0	0	9	0	2	70	98
Bahawalpur	Khanpur	000	0	7	00	00	97	02	2	963	00	2	2	6	3	1	72	02
	Bahawalpur	000	0	4	00	00	95	00	0	973	98	0	0	9	0	2	72	00
	Fort Abbas	000	0	2	23	02	58	00	2	955	93	2	0	9	0	0	80	93
Peshawar	Chakdra	061	2	1	36	02	97	03	6	982	79	2	3	7	0	0	74	//
	Peshawar	000	0	4	05	03	97	03	1	977	93	2	9	/	3	1	73	55
	Haripur	000	3	5	13	03	97	03	2	006	87	5	8	9	6	0	73	93
D. I. Khan	Bannu	014	0	4	13	03	98	03	2	983	91	5	2	7	1	0	72	95
	D. I. Khan	000	0	0	05	02	98	00	0	990	86	0	0	9	0	0	76	86
Quetta	Sibi	000	0	2	18	03	97	03	1	957	06	2	0	9	2	0	56	07
	Nokkundi	000	0	0	18	12	97	02	0	921	06	0	0	9	0	0	45	//
Kalat	Turbat																	
	Jiwani	000	0	6	13	10	96	03	2	999	83	6	6	5	0	0	73	87
	Pasni	000	0	4	11	06	97	02	0	014	85	4	0	9	0	0	79	88
Karachi division	Ormara	000	0	1	27	12	96	02	2	007	84	1	6	6	0	0	78	88
	Lasbela		0															
	Karachi (Manora)	000	0	5	27	13	97	03	0	006	88	5	6	4	0	0	76	85
	Karachi (Ariport)	000	0	2	27	14	96	03	1	999	87	2	6	5	0	0	71	89
Hyderabad	Nagarparkar	000	0	6	05	02	96	02	0	020	85	6	6	0	0	0	78	89
	Chhor	000	0	3	22	07	96	02	0	002	91	3	5	6	0	0	69	94
	Hyderabad	000	0	0	18	07	97	01	0	981	93	0	0	9	0	0	73	03
	Badin	000	0	3	23	04	96	03	0	011	90	0	0	9	0	3	74	91
Khairpur	Padidan	000	0	1	18	07	97	30	/	973	03	1	1	7	0	0	71	04
	Nawabshah	000	0	1	35	10	96	02	0	991	03	0	0	9	0	0	61	00
	Sukkur	000	6	0	93	05	96	02	0	978	03	0	0	9	0	0	76	05
	Kashmore	000	0	0	18	02	98	02	0	977	01	0	0	9	0	0	72	02
	Jacobabad	000	0	0	13	07	97	01	0	966	00	0	0	9	0	0	75	01
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	020	4	7	00	00	97	05	3	442	65	/	/	/	/	/	60	67
Peshawar	Drosh *	000	0	4	23	09	98	01	2	392	93	7	8	7	0	0	56	96
	Cherat *	000	0	4	18	05	98	01	2	436	78	4	2	6	0	0	70	80
	Kakul *	025	5	7	31	05	96	//	/	438	79	5	4	5	3	0	79	79
	Landikotal *	C07	0	4	05	05	98	01	1	428	86	4	3	9	3	0	80	90
	Prachinar *	003	4	7	16	02	97	17	9	439	70	9	5	5	2	0	59	80
D.I. Khan	Miranshah *	000	0	4	05	05	97	02	0	439	91	4	0	9	0	0	72	91
	Wana *	000	0	2	13	05	98	03	3	383	85	0	3	8	0	0	83	87
Quetta	Fort Sandeman *	000	0	2	00	00	97	02	0	398	93	2	1	7	0	0	52	94
	Hindubagh *	000	0	7	24	03	95	03	0	389	94	7	1	4	0	0	46	97
	Loralai *	000	0	0	27	02	98	00	0	390	95	0	0	9	0	0	66	96
	Barkhan *																	
	Harnai *	000	0	5	13	01	96	03	0	398	94	0	7	7	0	0	66	95
	Samungli (Quetta) *	000	0	1	27	09	96	05	0	410	93	1	2	6	0	0	62	96
	Chaman *	000	0	0	27	09	97	00	0	424	96	0	0	9	0	0	40	96
	Nushki *	000	0	0	00	00	95	05	0	4?7	99	0	0	9	0	0	74	00
	Dalbandin *	000	0	0	13	03	95	05	0	422	03	0	0	9	0	0	52	04
Kalat	Kalat *	000	0	5	27	02	96	03	0	403	85	0	4	9	0	0	50	89
	Khuzdar *	000	0	0	13	09	97	03	0	410	90	2	5	6	3	0	57	95
	Panjgur *																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	022	1	7	18	09	57	21	6	092	80	5	7	5	7	/	77	77	—	/	54.6	—	63.8	—
	Cox's Bazar	107	9	8	13	09	96	61	6	092	76	6	7	3	2	/	75	75	0	— 1	58.2	—23.8	67.0	140
	Chittagong	001	9	7	13	14	96	02	2	084	79	5	4	4	3	0	75	76	— 3	0	29.0	—26.8	85.2	108
	Maijdee Court	270	9	8	18	02	94	63	6	068	77	8	5	4	/	0	77	75	— 4	— 3	87.8	+30.4	99.9	115
	Comilla	160	7	7	18	05	96	02	6	019	77	7	4	4	/	/	75	75	— 7	— 1	61.1	+17.1	80.3	94
	Brahmanbaria	030	2	5	18	03	97	03	6	067	80	5	5	5	0	/	77	75	—	—	30.6	— 3.1	39.6	78
	Sylhet	205	9	8	13	05	56	07	6	066	77	6	3	3	2	/	75	//	—	/	79.2		///	—
	Srimangal	171	9	7	09	05	95	02	9	081	81	4	6	4	3	1	76	74	— 5		44.3		65.7	98
Dacca	Mymensingh	015	9	7	00	00	97	02	2	061	82	7	5	4	0	/	79	80	— 7	+ 2	34.1	— 7.3	49.3	91
	Narayanganj	156	3	8	13	02	97	03	6	069	66	8	6	3	/	/	//	63	— 2	— 16	33.2	+ 1.1	56.5	74
	Dacca (Tezgaon)	135	9	8	18	05	97	02	6	066	80	6	8	4	2	/	79	76	—	—	33.0	—	43.1	—
	Faridpur	064	0	8	//	05	97	02	2	062	82	6	4	5	1	0	78	75	— 5	— 3	26.8	— 5.1	40.5	71
Khulna	Barisal	113	2	8	23	04	95	61	6	070	77	6	6	4	4	2	77	75	— 7	— 3	48.3	+ 9.0	48.4	81
	Khulna	075	9	6	00	00	97	03	0	076	80	0	4	4	0	2	//	77	— 5	— 1	26.2	— 7.8	32.3	68
	Satkhira	050	0	6	18	01	97	01	0	958	83	0	2	9	0	1	80	//	— 6	/	21.0		26.1	65
	Jessore	004	0	7	23	08	97	02	2	060	82	6	7	3	7	0	79	72		—	26.0	— 4.7	32.5	65
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					59
	Sirajganj	013	9	8	18	02	97	03	2	054	81	8	0	7	1	0	77	77	— 7		25.8		33.4	64
	Rajshahi	018	4	8	18	03	95	03	1	052	80	8	7	5	/	/	77	77	— 6	— 2	29.0	—	43.0	—
	Bogra	015	0	8	23	05	96	03	2	053	83	6	6	4	2	/	77	79	— 6	+ 1	—	—	—	69
	Dinajpur	035	3	7	18	02	96	02	2	039	82	7	5	6	/	/	78	79	+ 6	+ 1	—	—	—	72
	Rangpur	028	7	6	09	02	96	03	6	004	86	4	5	6	1	0	78	80	—	+ 2	42.3	+ 1.8	61.0	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	012	/	7	00	00	95	05	1	004	82	2	5	6	2	0	78	82	— 8	+ 4	12.1	+ 2.3	16.2	19
	Sialkot	000	0	7	36	05	97	02	2	004	82	5	7	4	0	4	79	79		+ 1	6.8	— 9.0	11.4	32
Rawalpindi	Jhelum	275	9	3	31	02	97	03	1	013	82	1	1	7	0	0	77	75	—	—	16.1	—	26.4	—
	Islamabad																							—
	Rawalpindi	008	0	3	00	00	98	01	0	013	80	2	0	9	3	1	75	75	— 9	0	13.3	— 2.2	23.3	36
	Campbellpur																							—
Sargodha	Khushab	058	0	6	00	//	97	03	2	007	82	1	2	9	4	0	//	77	— 20	— 4	3.0	— 4.2	7.1	15
	Sargodha	015	0	6	05	03	97	01	2	005	80	2	6	3	3	1	79	79	—	—	15.2	—	18.7	—
	Lyallpur	055	6	5	00	00	96	02	9	001	80	5	9	7	0	0	77	77	— 13	— 3	4.4	— 1.6	7.4	12
Multan	Sahiwal																							10
	Multan	000	0	6	00	00	97	02	1	003	85	1	5	6	3	0	79	82	+ 1	+ 1	6.0	+ 4.2	11.0	7
	Leiah	000	0	6	36	02	92	50	5	038	85	0	6	7	0	0	72	77	—	—	0.0	—	1.8	8
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1					6
	Bahawalpur	000	0	0	00	00	96	00	0	008	87	0	0	9	0	0	79	85	— 1	+ 1	0.6	— 3.0	1.8	6
	Fort Abbas	///	/	2	00	00	57	00	0	900	85	2	0	9	0	0	75	77	—	—	0.7	—	0.8	8
Peshawar	Chakdra	061	0	5	00	00	97	02	2	990	76	5	0	9	3	0	72	73	— /	—	3.6	—	13.0	—
	Peshawar	000	0	1	31	03	58	02	0	010	82	1	7	4	3	0	75	79	— 3	0	3.3	+ 0.3	12.0	11
	Haripur	000	4	5	05	03	97	03	2	017	80	5	0	9	3	0	73	72	—		2.8	—	13.0	—
D. I. Khan	Bannu	000	0	5	00	00	98	02	0	007	83	0	0	9	2	3	75	78	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	0	00	00	98	02	0	015	82	0	0	2	0	0	79	82	— 14	+ 1	—	—	—	9
Quetta	Sibi	003	0	0	00	00	97	02	0	004	91	0	0	9	0	0	54	90	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	18	03	96	02	0	992	85	0	0	9	0	0	43	77	/	—	0.0	—	0.3	2
Kalat	Turbat																							—
	Jiwani	000	0	7	13	07	96	03	2	024	79	7	6	5	0	0	70	78	—	—	0.0	—	2.0	5
	Pasni	000	0	4	13	06	97	02	0	035	81	4	0	9	0	0	71	76	0	0	0.0	— 0.8	0.0	6
Karachi division	Ormara	000	0	6	27	07	96	02	2	033	81	6	6	6	0	0	30	//	—	/	0.0	— 0.7	0.6	6
	Lasbela																							8
	Karachi (Manora)	000	0	5	27	10	96	03	2	021	83	5	6	4	0	0	76	79	0	+ 1	1.0	— 4.0	1.1	8
	Karachi (Ariport)	000	0	5	27	10	96	01	2	022	81	5	6	5	0	0	73	79	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					7
	Hyderabad	000	0	4	23	07	97	02	0	014	83	1	0	9	3	!	73	81	+ 8	+ 2	0.2	— 4.5	0.3	9
	Badin	000	0	5	23	04	96	03	0	032	79	0	0	9	0	8	73	78	— 1	— 1	0.3	— 5.2	0.3	—
Khairpur	Padidan	000	0	3	13	07	97	01	0	007	84	3	0	9	4	0	74	82	—	—	0.8	—	0.8	4
	Nawabshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Sukkur	000	0	6	13	05	96	03	2	998	85	6	0	9	6	0	76	84	—	—	0.0	—	0.0	4
	Kashmore	000	0	0	00	00	98	02	0	098	85	0	0	9	0	0	72	84	—	—	0.0	—	0.0	20
	Jacobabad	000	0	6	09	09	96	03	1	002	89	6	0	9	7	0	77	75	— 3	—	0.5	— 1.5	0.8	26
Junagadh	Veraval																							—
	HILL STATIONS																							
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	020	0	4	27	03	98	02	1	452	63	5	4	5	4	0	60	60	— 4	+ 3	12.5	—12.5	30.1	18
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					39
	Cherat *	003	0	0	18	01	98	00	0	453	72	0	0	9	0	0	70	//	—	—	3.7	— 4.2	13.0	—
	Kakul *	025	7	7	18	02	96	03	2	448	76	7	3	4	0	0	72	70	—	—	11.8	—	22.3	—
	Landikotal *	000	0	0	30	15	98	02	0	456	79	0	0	9	0	0	70	72	—	—	0.8	—	11.4	29
	Prachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	431	79	0	0	9	0	0	78	71	—	—	0.5	— 3.0	2.0	11
	Wana *	010	0	0	00	00	99	00	0	437	76	0	0	9	0	0	58	//	—	—	—	—	3.7	11
Quetta	Fort Sandeman *	015	0	0	00	00	97	01	0	431	78	0	0	9	0	0	54	73	— 5	0	1.6	— 2.4	5.8	—
	Hindubagh *	000	0	0	00	00	97	02	0	426	72	0	0	9	0	0	43	65	—	—	2.7	—	6.0	9
	Loralai *	000	0	0	27	02	98	00	0	380	75	0	0	9	0	0	65	56	—	—	1.0	—	1.0	—
	Barkhan *																							14
	Harnai *	000	0	0	00	00	96	02	0	421	84	0	0	9	0	0	69	//	—	/	2.1	— 3.3	3.8	9
	Samungli (Quetta) *	000	0	0	00	00	56	05	0	435	68	0	0	9	0	1	55	60	—	—	0.5	— 0.5	3.1	8
	Chaman *	000	0	0	13	03	97	00	0	443	83	0	0	9	0	0	55	74	— 3	+ 2	2.1	+ 2.0	4.8	—
	Nushki *	000	0	0	00	00	95	05	0	487	86	0	0	9	0	0	56	82	—	—	0.5	—	2.6	4
	Dalbandin *	000	0	0	00	00	95	05	0	419	79	0	0	9	0	0	45	73	— 3	+ 2	0.0	— 0.2	0.5	7
Kalat	Kalat *	003	0	0	16	02	97	02	8	443	69	0	0	9	0	0	44	58	— 1	+ 1	0.8	— 0.2	2.2	—
	Khuzdar *	000	0	1	27	02	96	03	9	439	80	0	0	9	0	1	64	77	—	—	1.6	—	3.0	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 ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 16th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi_w	N dd FF	VV w_w W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_gt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{w1}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sirdhana	99 2 43	11 6 35	15 0 63	81 4 09	97 0 22	03 9 24	85 / / /	...	...	83 2 08	05 5 22		30 5 01	20 6 02
Sirdhana	99 2 44	10 6 59	15 1 23	32 4 13	97 0 21	01 1 28	31 / / /	23 7 17			05 7 24		30 3 01	22 6 04
Isomeria	99 2 11	10 6 2	15 0 64	62 3 15	97 0 27	04 0 27	67 4 10	...	73 2 08	...	00 3 23	12 6 06	35 5 03	00 0 00

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PoPoPo ToToTo DoDo	1000 mb hhh TTa DD	850 mb hhh TTa DD	700 mb hhh TTa DD	500 mb hhh TTa DD	400 mb hhh TTa DD	300 mb hhh TTa DD	200 mb hhh TTa DD	150 mb hhh TTa DD	100 mb hhh TTa DD	70 mb hhh TTa DD	50 mb hhh TTa DD	30 mb hhh TTa DD
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	004 250 08	...	430 166 29	085 012 16	580 053 10	752 141 57	965 287 57	242 516 / /	...	...	...	...	...
Dacca ...	00 00	004 264 13	...	400 177 15	106 112 42	504 150 32	738 250 04	972 275 59	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	999 270 42	...	450 164 43	151 110 48	583 105 / /	773 185 / /	963 271 / /	249 385 / /	...	...	...	...	...
Multan ...	00 00	986 276 10	...	400 214 45	067 072 / /	576 063 / /	747 145 / /	960 181 / /	421 435 / /	...	...	...	...	...
Peshawar ...														
Quetta ...														
Sargodha ...	00 00	987 240 40	...	450 214 50	137 100 50	582 101 / /	751 201 / /	960 301 / /	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT$_a$ DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_aP_tT_aT_aT_{at}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28 29
Chittagong ...	00 00	900 118 26	800 160 30	600 020 20								
Dacca ...	00 00	900 234 15	800 152 15	600 032 31	350 195 56	...	...	...	...	...	...	...
Gilgit ...												
Jiwani ...												
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...												
Quetta ...												
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...

PPP – Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T† of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T † of date(dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd fff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	180 10	190 12	...	...	...	...	...	...	...	215 17	220 13	...	...	225 16	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...		150 04	120 06	095 09	110 09	165 09	...	...	...	...	295 04	350 03	120 04	120 07	125 08	...	185 03	120 01	120 08	165 04	...	...	...	...	...	...
Chhor ...	175 08	150 06	130 10	020 07	C35 09	...	...	...	...	...	...	...	...	...	...	220 11	215 14	215 15	...	...	...	...	...	...	...	...
Chittagong ...	160 15	175 21	180 25	195 29	...	...	...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	No	Ascent	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	180 12	195 24	205 28	220 25	...	...	...	...	...	200 33	125 23	245 13	...	230 13	...	215 12	225 17	230 20	260 22	...	...	...	...	...	...	...
Dalbandin ...	...	...	185 04	200 03	245 04	320 07	265 06	335 06	015 07	...	...	220 06	265 10	270 15	290 24	...	...	215 01	290 12	315 13	320 14	350 18	030 14	040 08	...	...
D. I. Khan ...	040 23	050 28	050 29	090 20	055 17	125 10	255 13	290 14	280 11	050 04	025 05	360 05	040 09	030 10	030 06	075 03	055 01	040 01	010 06	005 07	030 07	335 11	330 19	340 21	...	...
Dresh ...	...	...	...	225 17	225 20	185 06	345 03	...	...	...	...	...	230 03	210 04	195 03	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	030 01	085 01	355 01	355 07	240 09	325 09	...	...	...	020 07	015 02	255 03	...	...	...	355 03	275 03	055 09	070 07	045 07	250 07	...	...
Jacobabad ...	160 12	101 11	170 07	160 02	320 03	345 08	020 04	005 03	350 08	160 18	165 10	160 10	165 07	210 03	320 04	155 08	185 13	195 17	195 17	190 16	225 14	315 12	345 25	355 33	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	225 24	230 23	245 25	280 11	300 10	315 10	220 17	240 19	255 23	270 27	285 23	...	...	...	...	...	...
Jhelum ...	025 04	110 08	110 15	150 12	130 08	...	...	...	...	020 03	050 06	090 08	095 10	105 08	145 10	080 03	090 02	095 03	120 09	125 10	135 09	160 07	200 06	285 04	...	...
Jiwani ...	170 12	205 10	...	...	...	...	...	...	...	125 07	...	...	...	...	...	130 05	...	...	...	...	...	...	...	...	...	...
Karachi ...	245 13	285 10	285 10	050 09	035 12	360 12	010 12	015 06	035 06	...	...	...	...	...	...	250 12	260 10	...	...	...	...	...	...	...	...	...
Khanpur ...	235 07	265 08	275 03	275 07	215 04	...	...	...	...	225 06	220 07	220 07	250 07	270 09	...	260 13	270 15	265 18	260 23	260 22	280 19	290 25	300 23	305 16	...	...
Lahore ...	005 01	100 02	800 02	190 05	195 07	215 11	...	...	...	115 10	135 16	135 15	105 05	225 07	185 03	070 08	070 08	085 08	140 09	150 09	170 12	...	...	...	...	...
Multan ...	310 04	355 05	355 09	315 19	310 24	330 27	330 33	...	...	000 08	025 10	020 12	345 10	290 08	250 23	355 05	345 09	345 10	310 11	300 15	...	...	...	...	...	...
Nawab Shah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	050 75	095 14	105 21	130 08	170 01	005 08	015 10	...	...	345 03	225 09	095 04	285 13	295 17	...	065 03	125 01	116 04	215 06	075 05	00 05	360 03	270 06	...	...
Quetta ...	...	No	Ascent	...	...	...	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Sargodha ...	165 07	085 10	100 09	150 07	180 07	165 09	...	...	...	055 07	110 07	065 05	055 06	025 09	...	035 05	080 07	080 09	090 09	100 08	135 12	312 04	...	...	...	...
Sylhet ...	...	No	Ascent	...	...	...	...	...	...	200 17	...	...	...	...	...	200 17	205 24	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	260 17	275 19	295 16	320 10	030 10	025 14	030 20	025 14	251 51	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

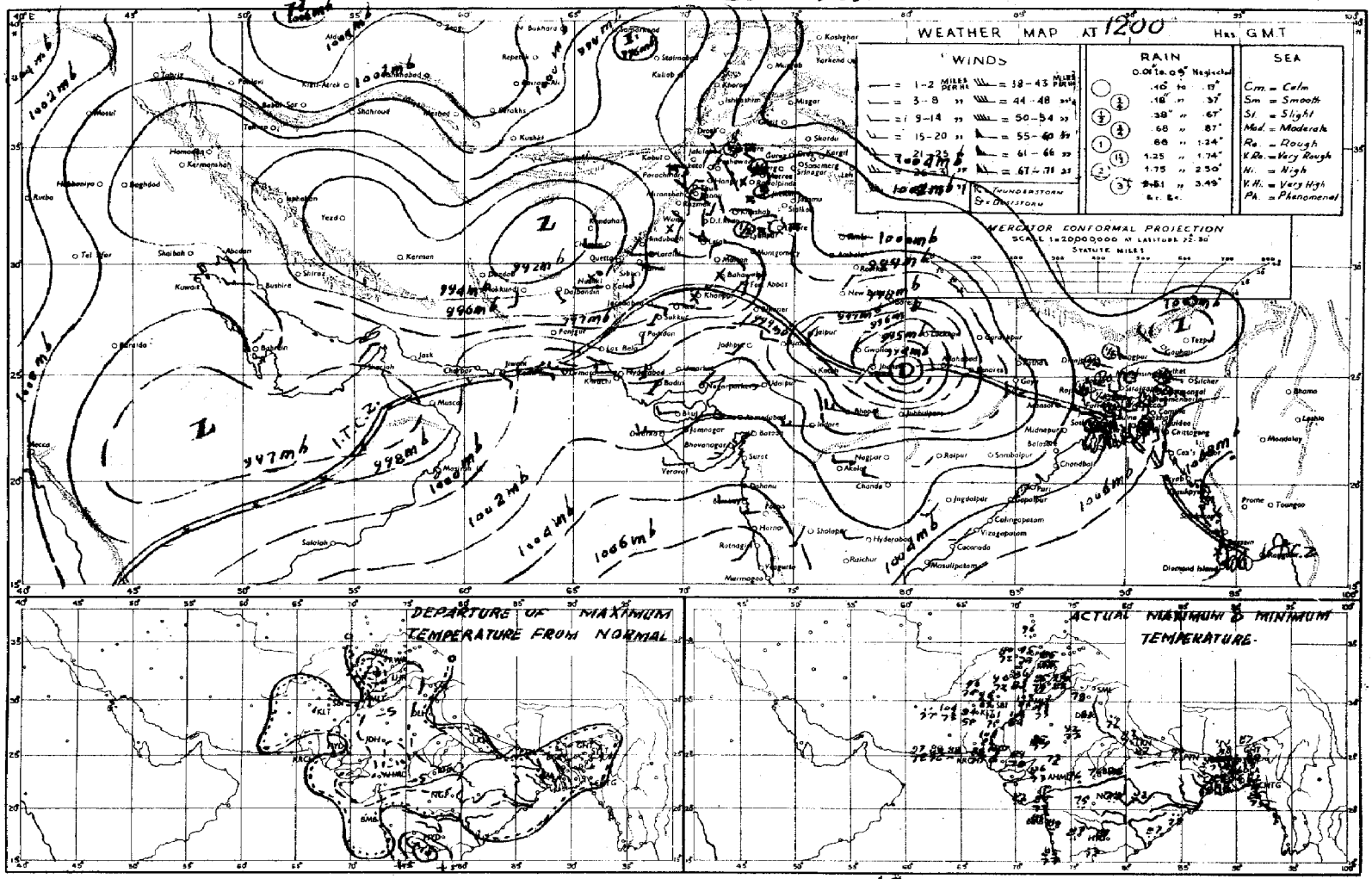
dd – Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff – Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI-11

PAKISTAN DAILY WEATHER MAP

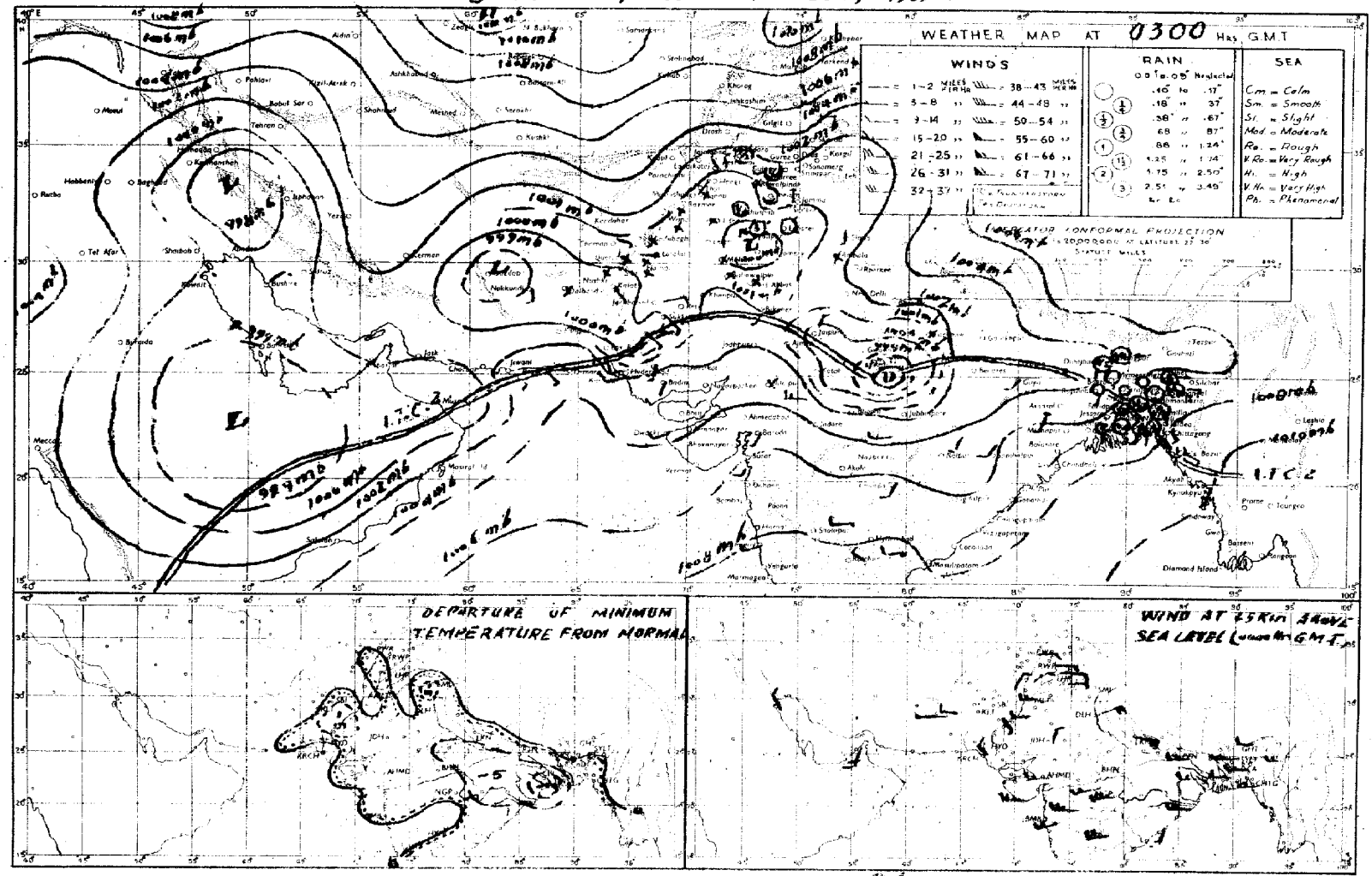
FRIDAY 15th AUGUST. 1969.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 16th AUGUST, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 17th AUGUST 1969.

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

Yesterday's depression moved north-west-wards and was centred last evening at 16,1200 G.M.T. about 20 miles north-west of Jhansi. It weakened there after and now lies as a low pressure area over Uttar Pradesh. Monsoon continues to be active over East Pakistan. Widespread rain/thundershowers with locally heavy falls have occurred in Chittagong and Dacca divisions, fairly widespread in Rajshahi division and local in Khulna division. A westerly low pressure wave is moving across north of Afghanistan. The seasonal trough of low pressure extends from Khairpur division to Sargodha division. Scattered rain/thundershowers have occurred in Lahore, Rawalpindi and Peshawar divisions and a few light showers in Bahawalpur division.

Chief amounts of rainfall are: Rangamati (upto 000Z) Cox's Bazar and Mymensingh 5″ each, Chittagong and Sylhet 1″ each, Srimangal 3″, Maijdee Court, Rajshahi, Bogra and Dinajpur 1½″ each, Sirajgang and Kakul 1″ each, Dacca and Murree 3/4″ each, Comilla and Narayanganj ½″ each, Faridpur and Barisal 1¼″ each.

Day temperatures were 3—8 °F (2—4 °C) below normal in Chittagong, Khulna, Sargodha and D. I. Khan division and nearly normal elsewhere over the country.

Forecast valid until the evening of 18th August 1969 :— Fairly widespread rain/thundershowers with locally heavy falls are likely to occur in East Pakistan, local in Peshawar, Rawalpindi divisions and Kashmir and scattered in Quetta, D. I. Khan, Sargodha and Multan divisions.

Karachi-11
The 17th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	198	0	8	18	02	95	60	6	056	77	9	/	5	/	/	77	82
	Cox's Bazar	136	9	8	25	12	95	62	6	059	77	7	4	3	6	/	77	82
	Chittagong	070	7	7	23	10	96	02	6	052	79	3	5	4	2	0	77	83
	Maijdee Court	160	9	0	18	02	96	03	6	036	80	6	5	4	2	/	79	77
	Comilla	000	0	7	18	05	96	02	2	035	80	7	4	4	0	0	77	80
	Brahmanbaria	000	0	6	23	01	97	01	0	003	82	2	3	9	0	1	79	85
	Sylhet	104	9	8	13	05	96	61	6	032	77	7	6	3	2	/	75	84
	Srimangal	170	/	2	19	29	96	50	9	042	77	6	9	3	3	1	79	85
Dacca	Mymensingh	183	0	7	00	00	96	62	6	020	79	7	5	4	0	0	77	86
	Narayanganj	063	7	8	13	06	96	20	3	024	82	8	5	9	0	/	79	77
	Dacca (Tazgaon)	025	1	7	23	05	97	03	2	022	82	5	6	3	7	0	79	85
	Faridpur	000	0	7	20	02	97	02	2	020	85	5	5	1	0	0	80	87
Khulna	Barisal	111	3	8	18	02	96	03	5	033	80	4	7	2	0	/	79	81
	Khulna	000	0	4	00	00	97	03	0	044	85	7	2	4	0	0	//	85
	Satkhira	000	0	6	23	01	97	01	0	003	82	2	3	9	0	1	79	85
	Jessore	000	0	7	21	05	97	02	2	020	82	4	4	4	2	8	77	87
Rajshahi	Pabna	000	0	8	23	05	97	03	2	009	85	3	3	6	7	0	79	90
	Sirajgan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajshahi	000	0	8	31	09	95	60	9	019	80	8	7	4	0	0	73	87
	Bogra	012	0	8	31	02	96	61	6	014	79	3	5	5	2	/	72	87
	Dinajpur	1:7	5	7	00	00	96	02	6	002	80	5	0	8	7	/	79	87
	Rangpur	000	0	0	00	00	96	01	2	965	85	4	0	9	2	0	77	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	7	13	03	96	03	2	968	88	3	3	6	2	0	79	94
	Sialkot	000	0	5	05	03	97	01	2	974	91	3	7	6	0	1	79	98
Rawalpindi	Jhelum	000	0	7	00	00	99	01	1	964	91	7	2	7	0	1	77	94
	Islamabad																	
	Rawalpindi	000	0	0	00	00	99	00	0	962	90	1	2	8	6	0	75	92
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	97	00	0	961	94	0	0	9	0	0	84	95
	Sargodha	000	0	4	05	05	97	01	2	965	91	4	2	6	0	1	80	92
	Lyallpur	000	6	5	00	00	96	02	5	952	08	5	3	5	0	0	70	92
Multan	Sahiwal																	
	Multan	000	0	3	36	03	97	01	1	956	99	1	2	6	0	1	79	99
	Leiah	000	0	2	36	03	95	01	1	967	96	0	0	9	0	9	86	//
Bahawalpur	Khanpur	001	0	5	17	03	97	03	1	957	01	1	1	4	2	0	75	02
	Bahawalpur	000	0	3	00	00	96	00	0	969	98	0	0	9	0	8	72	00
	Fort Abbas	000	0	/	//	02	98	00	0	955	95	2	0	9	0	0	87	95
Peshawar	Chakdra	000	0	2	36	02	97	03	0	949	94	2	1	7	0	0	//	94
	Peshawar	000	0	3	09	05	98	03	0	947	96	1	1	6	0	1	75	99
	Haripur	000	4	6	13	03	97	03	2	984	90	2	0	4	0	1	70	99
D. I. Khan	Bannu	000	0	4	18	02	98	02	2	952	96	4	2	7	0	0	75	99
	D. I. Khan	000	0	0	00	00	98	00	0	955	94	0	0	9	0	0	75	95
Quetta	Sibi	000	0	0	18	03	97	02	0	943	09	0	0	9	0	0	68	10
	Nokkundi	000	0	0	36	07	97	02	0	935	04	0	0	9	0	0	47	07
Kalat	Turbat																	
	Jiwani	000	0	5	18	07	96	02	2	003	83	5	6	5	0	0	93	//
	Pasni	000	0	4	25	85	97	02	0	028	85	4	0	9	0	0	78	88
Karachi division	Ormara	000	0	1	27	16	96	02	2	014	84	1	6	6	0	0	80	87
	Lasbela	///	0	3	13	03	97	00	0	989	97	0	0	8			73	10
	Karachi (Manora)	000	0	5	27	10	97	03	1	005	84	5	6	4	0	0	75	87
	Karachi (Ariport)	000	0	5	27	14	96	01	2	003	85	5	6	5	0	0	73	88
Hyderabad	Nagarparkar																	
	Chhor	000	0	7	23	16	96	03	2	986	86	4	6	5	0	0	74	92
	Hyderabad	000	0	6	20	10	97	C6	1	978	94	4	0	9	3	1	72	02
	Badin	000	0	6	23	08	96	03	1	016	87	0	0	9	0	6	74	91
Khairpur	Padidan	000	0	5	18	07	96	03	1	957	01	3	0	9	4	1	72	05
	Nawabshah	000	0	5	13	05	96	01	1	981	02	5	0	9	0	9	75	04
	Sukkur	000	8	6	23	03	96	03	2	950	05	6	0	9	6	0	80	00
	Kashmore	000	0	0	23	03	98	02	0	965	02	0	0	9	0	0	79	04
	Jacobabad	000	0	1	18	05	97	01	2	957	03	0	0	9	0	1	75	04
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	6	13	05	96	02	1	429	68	6	5	4	0	0	69	72
Peshawar	Drosh *	000	0	5	20	16	97	03	0	377	95	4	8	7	6	0	56	98
	Cherat *	001	0	3	18	05	98	01	1	430	82	3	1	7	0	0	72	85
	Kakul *	115	4	6	23	03	98	01	6	426	79	4	5	3	0	0	70	88
	Landikotal *	000	0	0	05	05	98	02	0	411	90	0	0	9	0	0	80	91
	Prachinar *	003	0	5	16	03	98	03	0	413	80	4	3	4	1	0	63	82
D.I. Khan	Miranshah *	000	0	4	05	05	97	02	0	444	94	/	/	/	/	/	70	95
	Wana *	000	0	0	00	00	99	00	0	427	88	0	0	9	0	0	75	90
Quetta	Fort Sandeman *	000	0	0	00	00	97	02	0	391	96	0	0	9	0	0	43	97
	Hindubagh *	000	0	7	07	03	94	03	0	366	97	7	2	5	0	0	68	97
	Loralai *	000	0	0	18	02	98	00	0	431	95	0	0	9	0	0	68	97
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	395	96	0	0	9	0	0	67	96
	Samungli (Quetta) *	000	0	1	27	12	96	02	0	409	93	1	1	6	0	0	48	96
	Chaman *	000	0	0	27	03	97	00	0	420	97	0	0	9	0	0	51	98
	Nushki *	000	0	0	27	05	95	05	0	487	99	0	0	9	0	0	71	00
	Dalbandin *	900	0	0	23	07	96	02	0	426	06	0	0	9	0	0	56	07
Kalat	Kalat *	000	0	0	23	02	97	C2	0	408	86	0	0	9	0	0	57	87
	Khuzdar *	000	0	1	27	09	97	02	0	400	00	0	0	9	0	3	67	01
	Panjgur *	000	0	1	36	03	95	05	0	421	05	1	0	9	3	0	71	07

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

DIVISIONS	STATIONS	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	053	9	9	18	13	94	62	6	089	76	9	/	3	/	/	76	76	—	—	55.2	—	64.3	—
	Cox's Bazar	519	9	8	18	17	93	63	6	080	79	7	7	2	2	/	79	73	— 3	— 3	63.4	—19.7	72.1	140
	Chittagong	355	9	8	20	12	96	63	6	074	80	7	7	2	2	/	79	75	— 3	— 1	32.6	—24 1	88.8	108
	Maijdee Court	160	9	8	18	02	96	03	2	056	80	6	5	4	2	/	77	75	— 8	— 3	89.4	+31.2	101.5	115
	Comilla	060	3	7	18	05	96	02	6	051	79	7	4	4	/	/	77	75	— 7	— 1	61.7	+17.2	80.9	94
	Brahmanbaria	123	1	6	18	02	97	03	6	060	80	1	5	5	0	0	79	76	—	—	31.8	—23.7	41.8	78
	Sylhet	380	9	8	00	00	96	63	6	050	77	6	7	3	7	/	75	74	—	—	83 0	—	111.9	—
	Srimangal	258	9	8	00	00	96	95	9	054	76	7	7	9	3	1	75	75	— 5	— 1	47.2	+68.6	68.7	98
Dacca	Mymensingh	523	6	7	00	00	97	50	5	055	79	5	7	4	0	0	79	73	— 1	— 5	39.3	— 25.6	54 5	91
	Narayanganj	049	1	8	13	02	97	03	2	070	80	8	6	3			80	76	— 10	— 3	33.7	+11.1	57.0	74
	Dacca (Tazgaon)	085	9	7	00	00	96	01	9	059	80	4	8	4	7	0	79	76	—	—	33 9	—	44.0	—
	Faridpur	026	3	8	00	00	97	02	2	051	85	7	4	5	1	0	79	77	0	— 1	27.1	—48 3	40.8	71
Khulna	Barisal	021	9	8	27	05	97	50	2	062	82	5	6	3	7	0	73	64	— 6	— 14	48 5	+87.3	48.6	81
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					68
	Satkhira	002	1	6	18	01	97	00	1	998	85	2	3	9	0	1	80	79	— 3	+ 1	20.9	—11.2	26.2	65
	Jessore	006	7	7	23	09	97	02	0	956	80	3	6	3	2	/	79	77	—	—	26.1	—49.8	32.6	46
Rajshahi	Pabna																		—					59
	Sirajgan	113	9	8	18	02	97	03	4	045	79	8	6	6	0	0	79	75	—	— 4	21.9	—81.4	34 5	64
	Rajshahi	169	9	8	18	05	95	03	6	048	80	8	5	6	/	/	79	75	— 1	— 4	30.6	+26.0	44.9	—
	Bogra	133	9	8	23	03	96	61	9	043	79	4	6	3	2	/	79	75	— 2	— 3	—	—	—	69
	Dinajpur	135	1	7	00	00	96	58	6	038	79	3	5	6	7	/	77	79	— 2	+ 1	—	—	—	72
	Rangpur	000	0	5	13	02	96	03	1	007	87	2	5	6	2	0	77	80	+ 5	+ 2	42.3	+13.4	60.9	84
Kashmir	Jammu																							
Lahore	Lahore (Jail Rd.)	000	0	4	13	02	96	02	1	990	85	1	2	6	3	/	80	80	— 3	+ 2	12.1	+21.0	16 2	19
	Sialkot	010	0	0	20	18	83	00	0	050	80	0	0	9	0	0	66	66	+ 1	— 12	69.3	—93.1	11.5	32
Rawalpindi	Jhelum	000	3	5	09	03	97	03	1	993	85	3	4	6	3	0	80	80	—	—	16.1	—	26.4	—
	Islamabad																							—
	Rawalpindi	000	0	2	09	03	99	00	2	999	82	0	0	9	0	0	73	79	— 2		13.3	—25.1	23.3	36
	Campbellpur																							—
Sargodha	Khushab	000	0	6	00	//	96	03	2	990	86	4	2	8	4	0	85	80	— 5	— 1	30.0	—42.8	71.3	15
	Sargodha	000	0	6	09	05	96	04	2	991	85	6	6	3	0	!	78	80	—	—	15.2	—	18.7	—
	Lyallpur	000	9	4	00	00	96	01	5	980	80	4	0	9	4	0	77	80	— 6	0	44.1	—16.3	73.8	12
Multan	Sahiwal																							10
	Multan	000	0	7	13	02	96	05	2	989	87	7	0	9	3	0	80	85	+ 1	+ 2	50.1	+4.27	11.0	7
	Leiah	008	0	6	31	08	93	01	2	022	85	0	0	9	0	0	//	80	—	—	0.0	—	18.2	8
Bahawalpur	Khanpur	008	0	6	23	01	10	//	/	989	82	2	0	9	3	1	73	8!	— 1	— 1	00.9	—38.7	10.2	6
	Bahawalpur	000	0	0	00	00	95	00	0	988	87	0	0	9	0	0	75	85	0	+ 4	06.0	—30.1	18.9	6
	Fort Abbas	100	0	2	23	04	98	00	2	961	80	2	0	9	0	8	77	//	—	—	07.0	—	0.9	8
Peshawar	Chakdra	000	0	1	00	00	98	01	0	970	82	0	0	9	0	0	75	73	—	—	36.3	—	13.0	—
	Peshawar	030	0	7	36	03	97	02	2	987	85	2	5	6	3	0	78	80	+ 1	+ 1	32 9	+02.0	12.0	11
	Haripur	000	3	6	05	03	97	03	2	009	80	6	0	9	4	0	72	73	—	—	28 1	—	13.0	—
D. I. Khan	Bannu	000	0	0	05	02	98	02	1	990	85	0	0	9	4	0	79	80	—	—	06.7	—	44.8	11
	D. I. Khan	000	0	0	00	00	98	00	0	899	85	0	0	9	0	0	79	82	— 5	+ 1	—	—	—	9
Quetta	Sibi	000	0	0	18	03	97	02	0	994	91	0	0	9	0	0	48	91	—	—	02.0	—	02.0	5
	Nokkundi	000	0	4	31	02	96	03	0	011	85	0	0	9	0	1	29	75	—	—	0.0	—	03.4	2
Kalat	Turbat																							—
	Jiwani	000	0	5	16	07	96	01	2	029	79	5	6	5	0	0	73	79	—	—	0.0	—	20.4	5
	Pasni	000	0	4	25	04	97	02	0	972	80	4	0	9	0	0	77	76	— 1	0	00.2	—08.9	00 2	6
Karachi division	Ormara	000	0	7	27	05	96	02	2	028	80	7	6	6	0	0	77	//	—	—	0.0	—07.9	05.9	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					8
	Karachi (Ariport)	000	0	8	27	10	96	03	2	027	81	5	6	5	0	/	72	79	—	—	15.1	—	15 6	—
Hyderabad	Nagarparkar																							—
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					7
	Hyderabad	000	0	3	23	12	96	07	0	013	83	3	0	9	3	0	71	80	+ 7	+ 1	01.9	—46.1	02 8	9
	Badin	000	0	9	23	06	96	03	0	022	79	0	0	9	0	9	73	78	— 1	— 1	03 2	— 52.2	03.2	—
Khairpur	Padidan	000	0	3	18	05	96	01	1	987	83	1	0	9	3	8	71	80	—	—	08.0	—	08.0	—
	Nawabshah	000	0	6	18	17	96	03	2	991	82	3	0	9	2	8	76	//	—	—	10.4	—	10.7	4
	Sukkur	000	9	6	23	09	96	03	2	990	84	6	0	9	6	0	72	80	—	—	0.0	—	0.0	—
	Kashmore	000	0	0	18	02	98	02	0	990	87	0	0	9	0	0	74	82	—	—	8.0	—	0.0	4
	Jacobabad	000	0	3	13	12	96	03	0	995	85	0	0	9	0	1	75	83	+ 1	+ 1	04 8	—15.3	08.0	20
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							58
Rawalpindi	Murree *	003	9	5	09	03	97	02	6	443	66	5	5	2	0	0	60	60	+ 2	+ 3	13.2	—12 3	30.9	18
Peshawar	Drosh *	000	0	2	00	00	98	03	0	987	76	8	1	7	0	0	63	70	+ 3	— 2	—	—	—	29
	Cherat *	000	0	4	18	01	98	03	0	418	73	4	2	6	0	0	70	//	— 1	—	36.9	—43.6	13.0	—
	Kakul *	115	9	5	31	02	96	03	1	433	77	5	3	3	0	0	70	70	—	—	12.9	—	23.4	—
	Landikotal *	000	0	0	31	05	98	02	0	416	79	0	0	9	0	0	70	//	—	—	08 6	—	11.4	29
	Prachinar *	000	0	7	13	02	97	03	1	448	70	4	7	5	3	0	76	68	—	+ 4	—	—	—	13
D.I. Khan	Miranshah *	000	0	4	05	05	97	02	0	431	79	4	0	9	0	0	72	72	—	—	05.3	—30.2	19 7	11
	Wana *	000	0	0	00	00	99	00	0	465	76	0	0	9	0	0	46	70	—	—	—	—	37.4	11
Quetta	Fort Sandeman *	030	0	1	36	03	97	03	0	421	78	0	0	9	1	0	63	75	0	+ 2	15.9	—24.2	58.9	—
	Hindubagh *	000	0	0	27	02	97	02	0	418	81	0	0	9	0	0	47	65		—	27.0	—	59.1	9
	Loralai *	000	0	0	27	02	58	00	0	380	75	0	0	9	0	0	65	56	—	—	09.6	—	09.6	—
	Barkhan *																							14
	Harnai *	000	0	0	00	00	96	02	0	415	85	0	0	9	0	0	69	//	—	—	20.6	—34.0	37.9	9
	Samungli (Quetta) *	000	0	0	00	00	96	82	8	416	78	0	0	9	0	0	71	67	—	—	—	—	—	8
	Chaman *	000	0	0	13	03	97	00	0	432	79	0	0	9	0	0	54	72	0	0	20.7	+19.3	47.9	—
	Nushki *	000	0	0	00	00	95	05	0	484	82	0	0	9	0	0	52	78	—	—	04 6	—	26.6	4
	Dalbandin *	000	0	3	27	07	96	03	0	410	77	3	3	9	3	0	11	72	+ 4	+ 1	00.3	—02.3	05.3	7
Kalat	Kalat *	003	0	6	13	02	96	02	0	438	63	0	0	9	0	8	53	58	— 2	+ 1	08.7	—02.3	21.9	—
	Khuzdar *	000	0	0	31	03	96	03	0	427	81	0	0	9	3	0	61	77	—	—	16.7	—	30.0	5
	Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 7					—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 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 summery above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 17th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_hL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_at_a	$8N_sCh_sh_s$	$OT_sT_wT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface (PoPoPo ToToTo DoDo)	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 TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	003 250 09	...	420 171 28	109 080 50	584 027 24	757 127 25	971 275 50	251 465 / /	...	...	...	...	...
Dacca ...	00 00	003 264 13	...	400 180 50	089 086 57	882 051 50	758 145 5//	968 295 57	245 523 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	958 284 56	...	400 220 61	051 100 50	/// /// //	746 181 / /	956 291 / /	239 481 / /	...	...	...	...	...
Multan ...	00 00	984 4/4 44	...	400 231 58	088 110 32	53 031 / /	755 071 / /	976 /// / /	...	...	...	...	...	...
Peshawar ...	00 00	958 280 20	...	410 244 20	123 176 24	603 044 53	782 015 / /	007 121 / /	315 281 / /	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	986 280 20	...	500 254 56	190 120 50	580 061 / /	761 171 / /	970 313 / /	249 451 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD							Max. Wind Speed	TROPOPAUSE	
									PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 204 18	800 140 28	600 020 29	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 /// / /	800 155 58	6/0 0// 55	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds 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.

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	3.4	4.5	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	...	No	Ascent	...	...	...	...	...	...	235 18	265 20	265 19	...	...	...	255 15	265 25	...	...	...	...	...	...	...	...	...
Chakla ...	...	...	...	...	...	...	...	...	...	...	070 07	145 03	170 03	...	...	165 10	120 04	/// //	100 03	...	...	...	...	...	...	...
Chhor ...	215 14	235 12	240 11	...	...	...	...	...	...	215 32	215 36	230 29	215 22	165 09	345 02	230 28	215 20	205 34	...	...	...	...	...	...	...	...
Chittagong ...	210 15	205 21	205 22	...	...	...	...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...
Cox's Bazar ...			No	Ascent						No	Ascent	...	...	...	...		No	Ascent	...	...	...	...	...	...	...	...
Dacca ...	205 17	235 21	245 20	260 21	260 21	260 19	...	...	...	...	...	...	...	...	...	220 12	230 12	235 17	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	295 10	290 13	300 19	310 23	320 08	040 03	330 10	...	...	250 08	265 09	300 7	305 26	...	...	295 08	260 15	250 15	245 10	305 08	360 02	330 03	360 04	025 04
D. I. Khan ...	085 01	100 00	095 09	095 11	015 09	335 11	325 19	325 25	320 22	120 05	130 07	090 05	260 02	360 04	345 09	135 06	145 07	145 06	130 02	030 01	030 08	355 04	348 17	340 18	355 72	...
Drosh ...	...	...	...	230 13	220 12	160 12	220 04	230 11	220 12	...	...	...	215 03	125 07	190 08	...	...	...	245 03	215 84	205 05	345 04	345 05	340 03		
Fort Sandeman ...	...	...	290 06	295 08	270 06	020 05	035 08	015 05	...	...	...	...	065 03	025 03	300 08	...	...	...	070 01	070 02	315 06	065 07	335 08	195 09	180 15	235 17
Jacobabad ...	180 06	185 08	200 05	355 11	335 21	320 13	335 05	010 11	355 05	155 14	160 15	160 12	145 07	060 04	010 07	145 14	135 15	190 12	190 12	170 17	210 18	275 13	315 21	350 14	260 12	270 14
Jessore ...	215 16	225 22	265 21	265 19	260 25	...	...	...	...	235 22	205 29	255 05	270 27	255 20	265 04	215 19	245 23	270 29	280 29	285 26	...	...	...	...	...	...
Jhelum ...	135 04	133 04	133 06	110 06	065 06	055 06	195 62	270 07	325 06	115 08	120 07	170 06	215 02	/// //	015 02	175 05	125 05	100 04	120 05	...	...	...	...	...	...	...
Jiwani ...	180 12	...	...	...	...	...	...	...	...	135 07	130 09	...	...	...	...	165 01	...	...	...	...	...	...	...	...	...	...
Karachi ...	255 14	265 15	270 15	...	...	...	...	...	...	...	...	...	...	...	...	250 22	250 19	060 19	...	...	...	...	...	...	...	...
Khanpur ...	255 08	255 09	250 10	235 10	230 05	325 08	320 14	345 19	355 10	225 06	240 06	250 06	215 05	210 12	...	200 11	185 23	215 14	220 26	250 29	235 15	270 16	330 12	030 17	015 27	335 23
Lahore ...	115 08	130 13	120 14	115 10	125 10	220 06	050 04	330 06	...	160 08	180 10	185 13	200 12	205 09	...	145 03	175 08	175 06	...	...	...	...	...	...	...	...
Multan ...	095 05	010 07	010 08	340 17	330 23	330 44	335 29	335 23	...	150 07	140 08	140 09	325 08	325 11	...	210 06	150 06	150 06	350 04	285 07	025 18	015 11	...	...	...	...
Nawab Shah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	045 09	080 09	130 10	215 06	240 01	015 02	340 09	340 07	...	020 07	020 02	240 07	010 03	305 04	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	No	Ascent	...	...	...	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Sargodha ...	080 06	075 06	080 07	065 09	025 07	345 12	...	...	...	095 06	060 06	065 07	085 05	310 04	295 06	055 04	070 07	050 08	...	...	...	...	...	...	...	...
Sylhet ...	...	No	Ascent	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	250 20	250 20	250 22	280 23	305 15	330 15	020 19	040 11	080 12	-	-	-	-	-	-	-	-	...
Peshawar ...																		
Quetta ...																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

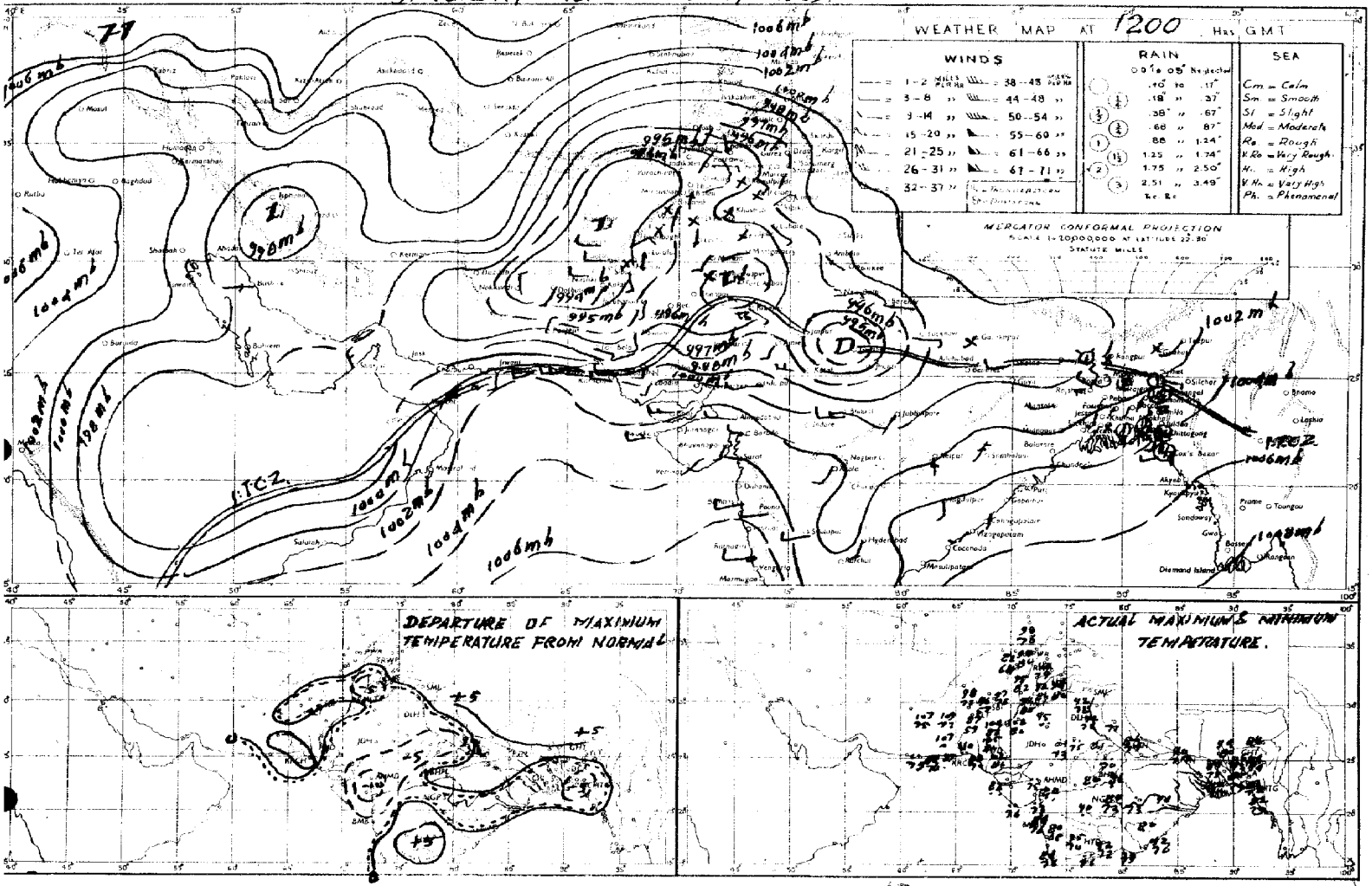
fff—Wind speed in knots.

Cloud observation Data (Hnii Cdd V. V. etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

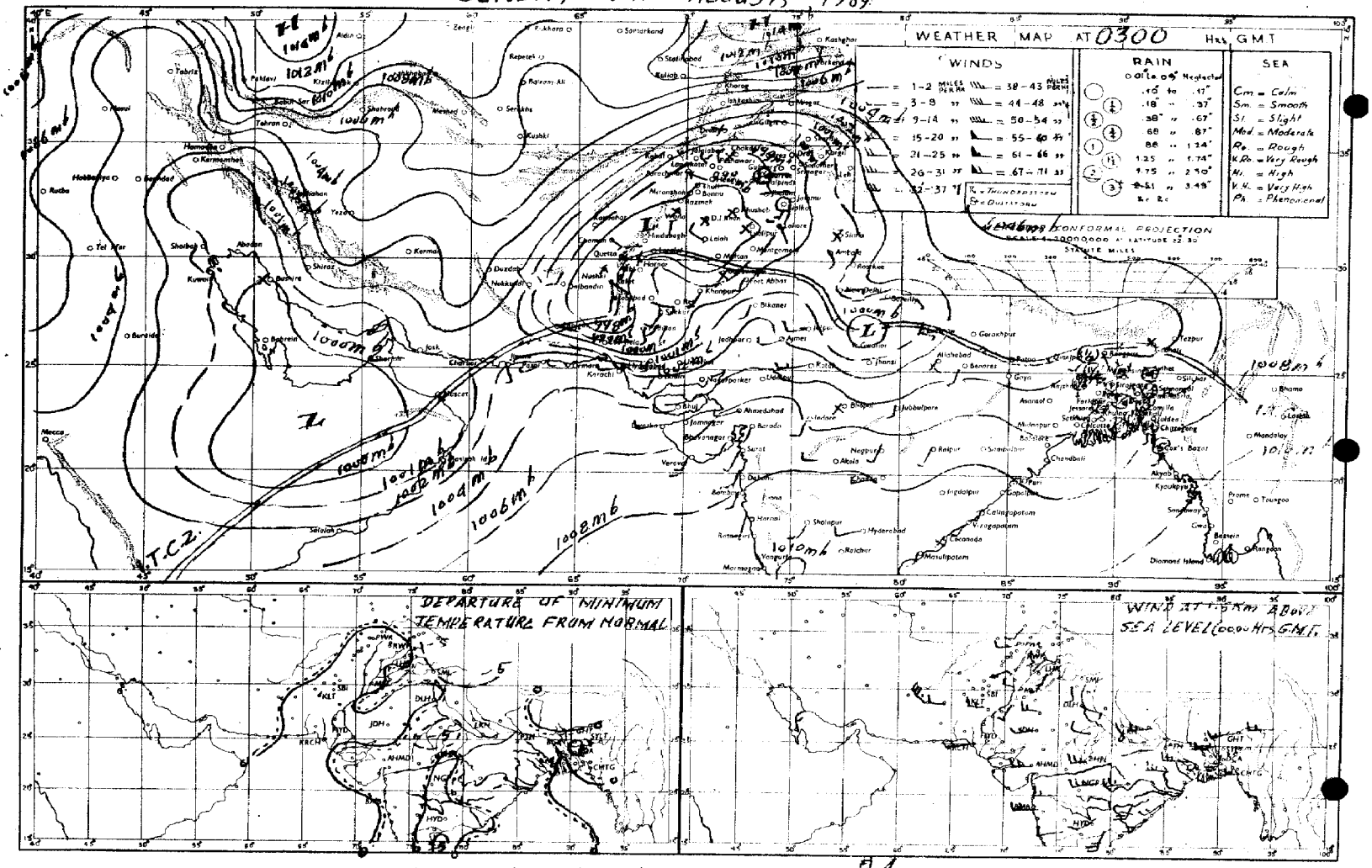
SATURDAY 16th AUGUST, 1969



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 17th AUGUST, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 18th AUGUST 1969.

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

Yesterday's low pressure area has merged with the monsoon trough which extends from Sargodha division to west Bengal and adjoining areas. Monsoon is active over East Pakistan. Widespread rain/thundershowers have occurred in Chittagong division, fairly widespread in Dacca and Rajshahi divisions and local in Khulna division. The westerly low pressure wave north of Afghanistan is moving away across east Russian Turkistan. The seasonal trough of low pressure lies over Khairpur division. Scattered thunderstorm/light showers have occurred in Lahore, Rawalpindi, Sargodha, Bahawalpur, Peshawar and D. I. Khan divisions.

Chief amounts of rainfall are: Rangamati 8", Mymensingh 6", Sylhet, Dinajpur 4" each, Brahmanbaria (upto 1200Z) and Bogra (upto 1800Z) 2" each, Cox's Bazar, Chittagong, Comilla 1½" each, Maijdee Court and Narayanganj 1" each, Dacca 3/4" Satkhira ½".

Day temperatures were 3—7 °F below normal in East Pakistan and in Lahore and Sargodha divisions and nearly normal elsewhere over west Pakistan.

Forecast valid until the evening of 19th August 1969 :—Fairly widespread rain/thundershowers with locally heavy falls are likely to occur in East Pakistan, Rawalpindi divisions and Kashmir, local in Sargodha and Peshawar divisions and scattered in Quetta, D. I. Khan and Multan divisions.

Karachi-11
The 18th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	540	9	9	18	05	94	95	6	060	76	9	/	3	/	/	76	80
	Cox's Bazar ...	245	9	8	18	06	96	50	6	066	80	6	7	3	2		78	80
	Chittagong ...	132	9	8	23	08	96	60	6	063	80	7	6	2	2	0	78	80
	Maijdee Court ...	050	5	8	23	05	95	03	6	047	80	4	5	5	7	0	78	82
	Comilla ...	065	4	7	18	05	96	02	6	051	80	7	4	4	/	/	80	80
	Brahmanbaria ...	230	4	8	00	00	96	63	9	051	77	8	5	5	/	/	77	84
	Sylhet ...	295	7	8	13	05	96	95	9	048	76	0	3	3	2	1	73	77
	Srimangal ...	...	...	...	...		...	...	...	...	...	...	...	...	...		...	...
Dacca	Mymensingh ...	043	4	7	00	00	96	50	5	038	80	7	5	4	0	0	78	80
	Narayanganj ...	012	4	8	13	02	96	03	2	051	82	8	6	3	/	/	80	82
	Dacca (Tezgaon) ...	015	2	8	23	07	97	50	9	041	80	3	5	4	2	/	83	82
	Faridpur ...	000	0	8	23	02	98	02	2	025	82	6	5	5	1	0	83	86
Khulna	Barisal ...	013	3	8	18	02	96	02	5	049	80	4	6	4	2	0	80	82
	Khulna ...	000	0	7	23	03	97	03	0	040	85	3	4	4	0	0	85	85
	Satkhira ...	000	0	0	23	01	97	01	0	998	92	2	3	9	0	1	80	90
	Jessore ...	000	0	8	23	05	97	02	2	038	85	4	6	3	2	/	80	87
Rajshahi	Pabna ...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj ...	000	0	8	18	01	96	02	2	015	82	8	0	7	8	0	83	85
	Rajshahi ...	012	9	8	18	02	95	03	6	028	82	8	7	5	/	/	82	87
	Bogra ...	011	4	8	18	03	96	61	6	026	82	3	7	4	2	/	80	80
	Dinajpur ...	030	7	8	00	00	96	02	6	002	82	4	4	6	2	/	77	82
	Rangpur ...	004	6	3	00	08	96	01	6	967	86	1	2	6	1	0	77	93
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	6	18	03	96	29	1	968	86	5	9	6	8	6	80	93
	Sialkot ...	...	...	...	...		...	...		...		...	...	...	...	...	...	..
Rawalpindi	Jhelum ...	000	0	2	13	03	99	00	0	990	00	4	4	6	9	1	//	//
	Islamabad ...																	
	Rawalpindi ...	...	...	...	...		...	..	...	...	...	...	...	...	...	..		...
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	3	00	00	97	01	2	958	84	0	0	9	3	0	//	96
	Sargodha ...	...	..	...	...	...	...	...	...	...	...	...	..	...	...		...	..
	Lyallpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan	Sahiwal ...	000	0	3	27	07	96	01	1	956	00	2	1	6	0	1	78	02
	Multan ...	///	0	6	31	02	94	82	2	805	96	0	8	9	0	6	79	96
	Leiah																	
Bahawalpur	Khanpur ..	008	0	5	03	03	97	02	0	957	00	8	0	9	8	1	72	00
	Bahawalpur ...	288	0	2	00	00	96	00	0	971	98	0	0	9	0	7	72	02
	Fort Abbas ...																	
Peshawar	Chakdra ...	000	0	2	31	02	97	03	1	926	96	1	1	7	/	/	91	96
	Peshawar ...		...	...	...	...		...	...	...		...		...	...	...	...	...
	Haripur ...	000	3	7	31	02	97	03	2	998	87	6	0	9	4	0	69	99
D. I. Khan	Bannu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. I. Khan ...	080	0	8	00	00	98	00	0	946	05	8	0	9	0	0	76	//
Quetta	Sibi ...	000	0	0	18	03	97	02	0	943	08	0	0	9	0	0	52	09
	Nokkundi ...	000	0	0	27	12	95	05	4	942	04	0	0	9	0	0	49	03
Kalat	Turbat ...	...	...	...	...		...		...	...		...		...	...	...		..
	Jiwani ...	000	0	5	18	05	96	01	7	004	83	5	6	5	0	0	73	90
	Pasni ...	000	0	4	25	13	97	02	0	017	86	4	0	9	0	0	76	89
Karachi division	Ormara ...	000	0	1	27	12	96	04	4	015	84	1	6	6	0	0	80	87
	Lasbela ...	///	0	2	13	03	97	00	0	991	95	0	0	8	0	0	75	99
	Karachi (Manora) ...	000	0	6	27	07	97	03	2	010	81	6	6	4	0	0	74	84
	Karachi (Ariport) ...	000	0	8	23	12	96	03	2	005	83	8	6	5	0	0	74	86
Hyderabad	Nagarparker ...	000	0	6	18	02	97	02	0	070	87	6	6	6	0	0	74	89
	Chhor ...	000	0	5	23	16	96	01	2	995	90	5	5	6	0	0	81	90
	Hyderabad ...	000	0	4	23	10	96	05	1	992	91	2	0	9	3	1	71	95
	Badin ...	000	0	6	23	12	96	03	0	061	88	0	0	9	0	6	72	91
Khairpur	Padidan ...	000	0	4	18	07	96	03	0	958	03	2	0	9	3	1	70	05
	Nawabshah ...	000	0	6	18	10	96	02	2	967	98	0	0	9	0	7	77	00
	Sukkur ...	000	0	6	05	02	96	03	2	961	02	9	6	6	0	/	75	03
	Kashmore ...	000	0	4	18	02	98	03	0	974	99	0	0	9	0	0	80	01
	Jacobabad ...	000	0	5	09	10	97	03	0	952	00	2	0	9	3	1	77	01
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ..	006	3	9	13	03	90	49	6	///	70	9	/	0	/	/	67	70
Peshawar	Drosh * ...	...	...	..	..	...	...	...	...	...	..	...	...	..	...	..	...	...
	Cherat * ...	000	0	3	18	05	58	01	2	424	85	3	1	7	0	0	72	87
	Kakul * ...	080	0	7	22	05	96	03	2	418	78	7	3	4	0	0	72	85
	Landikotal * ...	000	0	0	36	08	98	02	0	411	91	0	0	9	0	0	78	93
	Prachinar * ...																	
D.I. Khan	Miranshah * ...	...	...	...	...	...	...	...	..		...	...	...	...	...	...	...	...
	Wana * ...	000	0	/	13	03	//	//	/	436	91	2	2	8	8	0	//	93
Quetta	Fort Sandeman * ...	003	0	2	31	03	97	03	0	385	97	2	1	7	0	0	47	98
	Hindubagh * ...	000	0	0	20	03	97	02	0	389	91	0	0	9	0	0	65	96
	Loralai * ...	000	0	0	18	02	98	00	0	395	95	0	0	9	0	0	65	96
	Barkhan * ...																	
	Harnai * ...	000	0	0	00	00	96	02	0	438	98	0	0	9	0	0	76	99
	Samungli (Quetta) * ...	000	0	5	27	05	96	05	1	409	87	1	1	6	0	4	67	94
	Chaman * ...	000	0	0	27	05	97	00	0	424	93	0	0	9	0	0	44	98
	Nushki * ...	000	0	0	00	00	95	05	0	439	11	0	0	9	0	0	71	01
	Dalbandin * ...	000	0	4	05	02	96	03	0	426	00	2	0	9	3	0	20	02
Kalat	Kalat * ...	..	...	...	...	...	...	...	..	...	...	..	..	...	...	...	...	...
	Khuzdar * ...	000	0	2	23	03	97	03	0	405	97	0	0	9	0	1	45	99
	Panjgur * ...	000	0	2	31	07	96	02	0	431	99	0	0	9	0	2	71	00

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (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, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Rangamati	813	2	9	36	09	93	92	9	089	84	9	/	3	/	/	75	73	—	—	65.3		72.5	
Cox's Bazar	150	1	8	23	05	95	60	6	083	81	6	7	3	2	0	81	75	— 5	— 1	65.0	—19.2	73.6	140
Chittagong	179	9	8	.3	07	96	02	6	076	81	4	5	4	2	/	81	75	— 6	— 1	34.4	—32.5	90.6	108
Maijdee Court	090	9	8	00	00	96	03	6	065	82	6	5	4	2	1	77	75	— 3	— 3	90.3	+31.3	111.1	115
Comilla	145	3	8	18	05	96	02	6	059	81	7	4	4	/	/	81	77	— 7	+ 1	63.2	+18.1	82.3	94
Brahmanbaria	..	..		..			..	..	...	...	..	...	..	...	..	...	..	/				—	78
Sylhet	364	9	8	13	02	96	51	9	065	//	7	7	3	2	/	77	73	—	—	86.7	—	115.5	—
Srimangal	500	9	8	00	00	96	02	9	057	77	7	7	3	5	1	77	73		— 3	52.2	—11.4	73.8	98
Mymensingh	578	2	8	00	00	//	60	6	070	75	8	6	4	/	/	75	73	— 7	— 5	45.1	+ 2.8	60.3	91
Narayanganj	090	3	8	13	02	97	51	6	066	81	8	7	3	/	/	79	79	— 5	0	34.6	+ 1.6	58.0	74
Dacca (Tezgaon)	071	9	7	00	00	95	61	6	063	81	6	7	3	2	0	79	79	/	—	35.6	—	44.7	—
Faridpur	026	3	8	18	02	95	61	6	053	82	7	4	4	1	0	80	76	— 1	— 2	27.4	— 5.6	41.0	71
Barisal	...		..	...												...	...	— 5					81
Khulna	000	0	7	00	00	97	03	0	031	82	0	7	9	0	0	//	84	— 2	— 6	—	—	—	68
Satkhira	025	0	6	18	02	97	01	0	998	82	2	3	9	0	1	81	79	+ 2	+ 3	21.1	—11.2	26.4	65
Jessore	002	1	8	24	06	97	21	6	061	81	6	6	6	2	/	79	79	—	—	26.1	— 5.2	32.6	65
Pabna	///	7	8	00	00	94	60	6	065	78	8	7	6	/	/	78	78		—	24.6	—	38.4	59
Sirajganj	220	4	8	00	00	96	63	6	065	77	8	7	6	/	/	76	76	— 2	— 3	24.1	— 6.3	36.7	64
Rajshahi	060	9	8	31	03	94	62	6	059	78	8	7	4	/	/	77	77	— 1	— 2	31.2	+ 2.8	45.3	—
Bogra	342	9	8	00	00	96	61	6	055	77	6	7	3	2	/	76	76	— 9	— 2	—	—	—	69
Dinajpur	452	/	8	18	03	96	03	0	073	82	5	4	6	0	0	81	84	— 7	+ 6	—	—	—	72
Rangpur	012	9	6	13	02	96	03	6	007	87	4	2	6	0	0	79	81	+ 4	— 3	42.4	+ 9.4	61.1	84
Jammu																							—
Lahore (Jail Rd.)	008	0	2	13	03	96	03	1	985	84	0	0	9	0	1	79	81	— 4	+ 3	12.2	+ 2.0	16.3	19
Sialkot	000	0	0	00	00	97	00	0	090	81	0	0	9	8	0	65	68	—	— 10	7.0	— 9.6	11.5	32
Jhelum	000	9	8	09	03	97	03	6	/87	81	4	2	6	2	1	77	81	/	—	16.1	—	26.4	—
Islamabad																							—
Rawalpindi	000	3	7	00	00	98	02	9	987	81	7	5	6	3	0	79	81		+ 6	13.3	— 2.8	23.3	36
Campbellpur																							—
Khushab	008	8	8	09	//	96	03	2	988	84	7	/	8	4	0	84	82	— 4	+ 1	3.1	— 4.3	///	15
Sargodha	000	1	8	05	03	96	20	2	991	82	6	5	3	2	!	81	82		—	15.2	—	18.7	—
Lyallpur	000	7	0	00	00	96	00	9	985	84	0	0	9	0	0	81	82		+ 2	4.4	— 2.0	7.4	12
Sahiwal	000	0	0	18	10	96	07	0	988	82	0	0	9	0	0	73	81	+ 4	— 2	6.0	+ 4.0	11.0	10
Multan	000	0	1	34	02	98	03	0	010	84	0	0	9	0	1	//	82	—	—	0.0	—	1.8	7
Leiah																							8
Khanpur	008	9	0	00	00	96	31	3	992	82	0	0	9	0	0	69	//	— 3	/	0.2	— 3.8	1.1	6
Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	— 2					6
Fort Abbas																							8
Chakdra	...			...	...						...	...	...		...	...	..	—					—
Peshawar	000	0	7	00	00	97	02	2	592	79	6	6	4	7	0	73	75		— 4	3.3	+ 0.1	12.0	11
Haripur	008	3	/	25	03	97	83	2	999	69	8	9	7	0	0	75	//	—	/	2.9	—	13.1	—
Bannu	000	0	5	01	02	98	02	2	971	87	0	0	9	6	1	81	84		—	0.6	—	4.5	11
D. I. Khan	008	0	0	00	00	98	00	0	976	86	0	0	9	0	0	73	82	/	+ 1	—	—	—	9
Sibi	000	0	0	18	03	97	02	0	955	86	0	0	9	0	0	68	85	—	—	8.2	—	0.2	5
Nokkundi	000	0	0	31	10	96	02	0	999	85	0	0	9	0	0	33	80	—	—	0.0	—	0.3	2
Turbat	000	0	0	18	02	96	08	0	869	81	0	0	9	0	0	81	77		—	0.2	—	0.2	—
Jiwani	000	0	8	13	06	96	63	2	029	79	5	6	5	4	0	72	77	—	—	0.0	—	2.0	5
Pasni	000	0	4	25	04	97	02	0	037	79	4	0	9	0	0	74	69	0	— 7	0.0	— 0.8	0.0	6
Ormara	000	0	6	27	03	96	02	2	032	79	6	6	6	0	0	78	85	—	—	0.0	— 0.8	0.6	6
Lasbela	///	0	5	00	00	98	00	0	012	79	0	0	7	0	0	72	70	—	—	—	—	—	8
Karachi (Manora)	000	0	7	27	05	96	03	2	023	79	2	6	4	2	/	74	78	— 1	0	1.0	— 4.1	1.1	8
Karachi (Ariport)	000	0	7	27	10	96	02	2	022	80	7	6	5	0	0	74	79	/	—	1.5	—	1.5	—
Nagarparker	000	0	6	18	02	97	02	0	061	79	6	6	6	0	0	76	78	—	—	0.1	—	0.1	—
Chhor	000	0	7	23	17	96	01	2	020	81	6	5	6	4	0	72	78	—	—	0.2	—	0.3	7
Hyderabad	000	0	7	23	10	97	03	2	010	72	7	6	5	0	0	72	80	0	+ 1	0.2	— 4.7	0.3	9
Badin	000	0	4	23	08	96	03	0	027	80	0	0	9	0	4	73	79	— 1	—	0.3	— 5.3	0.3	—
Padidan	000	0	3	13	05	97	03	0	991	82	0	0	9	0	4	72	79	—	—	1.0	—	1.0	—
Nawabshah	000	0	1	18	17	96	01	0	987	82	0	0	9	0	7	76	79	—	—	1.0	—	1.1	4
Sukkur	000	9	6	16	05	96	03	2	990	82	6	0	9	6	0	72	78	—	—	0.0	—	0.0	—
Kashmore	000	0	0	18	03	98	02	0	999	87	0	0	9	0	0	75	79	—	—	0.0	—	0.0	4
Jacobabad	000	0	0	13	09	96	02	0	993	82	0	0	9	0	0	76	80	— 2	— 2	0.5	— 1.5	0.8	20
Veraval																							26
HILL STATIONS																							
Srinagar																							—
Gulmarg																							71
Sonamarg																							26
Dras																							3
Leh																							6
Skardu																							—
Misgar																							—
Aliabad																							5
Gilgit																							59
Murree	...	..	...	...	...	...	...	...	...	...	..	...	...	..	.	...	...	0					18
Drosh	000	0	0	00	00	98	01	0	429	82	2	7	7	0	0	62	77		+ 5	—	—	—	29
Cherat	008	0	6	18	01	97	01	2	437	73	8	1	1	8	0	73	//	+ 1	—	3.7	— 4.4	13.1	—
Kakul	010	1	8	31	02	95	//	6	///	73	8	7	3	/	/	//	//	—	/	13.0	—	23.5	—
Landikotal	000	0	0	31	05	98	02	8	456	82	0	0	9	0	8	81	73	—	—	0.8	—	11.4	29
Prachinar																							13
Miranshah	000	0	0	05	05	99	08	0	399	81	0	8	9	0	0	73	76		—	0.5	— 3.1	2.0	11
Wana	000	0	8	00	00	99	00	0	465	81	0	8	9	0	0	73	75	—	—	—	—	3.7	11
Fort Sandeman	000	0	1	23	02	97	02	0	427	78	0	0	9	1	0	65	74	+ 1	+ 1	1.6	— 2.5	5.8	—
Hindubagh	000	0	0	00	00	96	02	0	457	72	0	0	9	0	0	60	60	—	—	2.7	—	6.0	9
Loralai	000	0	0	27	02	98	00	0	390	75	3	0	0	0	0	70	54	—	—	1.0	—	1.0	—
Barkhan																							14
Harnai	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	—					9
Samungli (Quetta)	000	0	1	00	00	95	05	8	444	68	1	0	9	0	1	55	57	—	—	0.5	— 0.4	3.1	8
Chaman	000	0	0	00	02	97	00	0	432	79	0	0	9	0	0	52	71	0	—	2.1	+ 2.0	4.7	—
Nushki	000	0	0	23	08	95	05	0	484	82	0	0	9	0	0	52	79	—	—	0.5	—	2.6	4
Dalbandin	000	0	0	00	00	96	02	0	428	80	0	0	9	0	0	27	71	— 3	0	0.0	— 0.2	0.5	7
Kalat	000	0	0	20	02	97	02	0	437	66	0	0	9	0	0	47	57	—	—	0.8	— 0.2	2.2	—
Khuzdar	000	0	0	00	03	95	05	0	423	77	0	0	9	0	0	53	73		—	1.6	—	3.0	5
Panjgur	000	0	1	00	00	96	02	0	438	80	0	0	9	0	1	57	76	—	+ 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.

●AKISTAN DAILY ●EATHER REPORT●

MONDAY THE 18th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	$7RR\ t_Rt_R$	$8N_sC h_s h_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dumra	99 2 43	10 6 50	17 0 03	82 3 07	98 8 02	01 6 26	/////	63 4 00	...	...	00 0 22	...	30 2 01	24 5 03
Dumra	99 2 43	10 6 36	17 0 63	82 4 08	58 0 22	05 0 27	87 4 11	63 2 06	...	...	05 1 22	...	30 1 01	24 5 03
Dumra	99 2 41	10 6 21	17 1 23	82 4 07	98 0 22	01 2 26	85 4 //	63 7 01	...	...	05 1 23	...	30 2 01	24 5 03
Steel Rover ...	99 2 10	10 7 00	17 0 63	72 6 16	98 8 22	09 5 27	77 3 20	.	73 1 07	...	0/ / 25	12 7 28	30 3 02	...
Sirdhana	99 2 31	10 6 77	17 0 03	82 3 15	97 0 22	02 4 27	85 / //	33 5 00	..	...	05 4 24		30 3 02	...
Kostrena	99 2 35	10 6 74	17 0 00	82 0 13	98 0 22	03 0 26	86 5 //	34 4 00	...	...	05 2 6/	12 7 00	39 9 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
		PoPoPo ToToTo DoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	/03 272 10	...	440 174 12	188 104 12	587 039 16	760 127 //	974 271 45	252 501 //	...	...	...	...	...
Dacca ...	00 00	004 270 14	...	400 166 32	084 068 39	579 055 25	752 141 29	967 277 57	245 05/ //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	999 602 33	...					...	...	...	...	...	...	...
Multan ...	00 00	583 290 58	...	390 260 14	072 144 //	590 081 //	759 /11 //	961 435 //	...	...	...	...	...	...
Peshawar ...	00 00	959 250 20	..	402 000 00	039 120 //	578 011 //	754 083 //	...	...	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	985 270 20	...	500 260 57	182 134 55	589 091 //	757 191 //	...	–	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 200 06	800 150 11	600 421 //	...	...	.	...	...	...	...	...	...
Dacca ...	00 00	900 196 31	800 124 36	600 005 43	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	.	..	...		...	...	...	...	...	...	...
Quetta ...													
Sargodha ...	00 00	...	...	...	...	...	..	...	...	...	...	...	...

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	205 08	240 10	...	...	...	..	..		...	..	No	Ascent	...	...	...	260 05	275 08	...		...	...	...	...	...	...	...
Chakla'a ...				...	...	...	...	...	...	...	130 12	125 12	...	125 09	...	...	125 05	140 06	165 08	185 07	...	...	...	...	...	...
Chhor ...	230 24	230 30	220 24	...	225 24	...	...	...	...	315 29	215 37	225 57	...	...	..	224 21	226 19	220 27	...	...	...	...	...	...	...	.
Chittagong ...	195 17	...	...	...	...	...	..	.	..	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	..	...	...	..
Cox's Bazar ...			No	Ascent	...	...	...	..	...	240 18	240 23	240 26	2/0 30	260 17	..	...	...	...	...	...	...	.	...	...	...	...
Dacca ...	215 13	225 18	260 18	270 19	...	...	...	...	...	205 27	230 27	250 26	...	235 24	...	...	No	Ascent	...	...	...	...	...	...	..	...
Dalbandin ...			120 04	070 04	025 04	040 02	040 05					240 04	010 05	055 01	295 07			125 01	165 03	160 05	140 03	340 05	330 06	330 06	..	...
D. I. Khan ...	175 08	175 08	/// //	150 10	120 99	305 05	001 /7	301 40	300 16	105 07	150 09	135 04	170 05	205 06	28' 10	150 09	135 10	120 11	105 15	165 11	180 11	285 04	310 11	310 10	...	...
Drosh ...	...	..	...								...	...	230 /6	220 02	185 03	.	...	...	145 01	215 04	195 04	130 02			..	..
Fort Sandeman ...				275 10	240 13	175 09	235 04	295 08	305 11				060 04	010 05	305 12				255 05	260 06	330 06	340 09	330 12	310 08	...	...
Jacobabad ...	140 17	145 21	150 13	225 05	280 07	270 10	240 12	305 12	295 09	140 16	155 19	195 17	220 13	205 02	270 06	150 10	150 11	095 07	095 04	120 04	015 11	315 09	230 08	235 07	...	...
Jessore ..	215 21	235 17	250 21	285 21	285 22	..	...		...	245 13	250 26	260 29			...	230 15	255 20	270 26	270 27	275 29	260 33	...	...	..	...	..
Jhelum ...	150 88	165 12	/65 17	165 06	190 02	..	...	...	...	115 08	145 09	140 05	265 06	295 07	..	1.0 05	125 09	120 06	...	...	...	..	..	..	.	...
Jiwani ...	180 03		...	...	...	...	...	...	...	170 08	170 06	...	...	.	...	160 08		...	...	...	...	...	...	...	...	...
Karachi ...	255 09	260 12								...						240 18	245 23									
Khanpur ...	230 77	235 08	235 72	230 18	220 89	//6 53	320 12	355 18	/05 83	210 13	225 14	225 14	035 15	250 13	290 12	205 02	195 23	195 30	195 23	200 20	245 12	275 13	250 13	320 04	...	...
Lahore ..	170 04	160 09	145 //	150 08	185 07	...		...	...	150 08	190 09	190 04	270 04	285 08	300 09	275 02	270 09	270 7/	275 07		..	...		...	...	...
Multan ...	215 08	185 09	/// //	045 03	320 04	345 18	355 08	...	...	195 11	005 08	/// /1	288 2/	225 01	260 06	200 27	200 28	210 27	205 /1	207 12	145 02	225 06	270 07	270 15	...	...
Nawab Shah ..	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgar ...	...									...						...	...					...	...		...	...
Peshawar ...		061 10	130 09	165 10	240 //	285 13	305 19	320 10	305 15	...	060 06	310 05	270 09	270 09	330 09	...	500 1/	165 03	265 07	295 12	290 18	270 13	300 31	310 20	...	...
Quetta ..	...	No	Ascent	...	...	...			...	No	Ascent	...				...	...		...	175 06	215 12	255 24	280 39	270 36	...	...
Sargodha ...	/95 04	105 04	180 04	115 04	100 05	018 07	310 20	...	...	095 06	125 08	105 04	255 06	275 09	300 04		..		..	...	...	..	...	...	...	...
Sylhet ...	.	...		...	...	...	...	...	...	No	Ascent	...	...	...		No	...	Ascent	...	...	...	..	...	...	..	...
Veraval ...	...	...	...	...	..	..	...	...	...	...	...	...	...	..		...	..	...	..	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi	255 19	265 19	270 19	270 1	035 15	285 12	(8)	080 04	087 04	.	..	..	..	...	...	...	...	...
Peshawar ...																		
Quetta																		

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

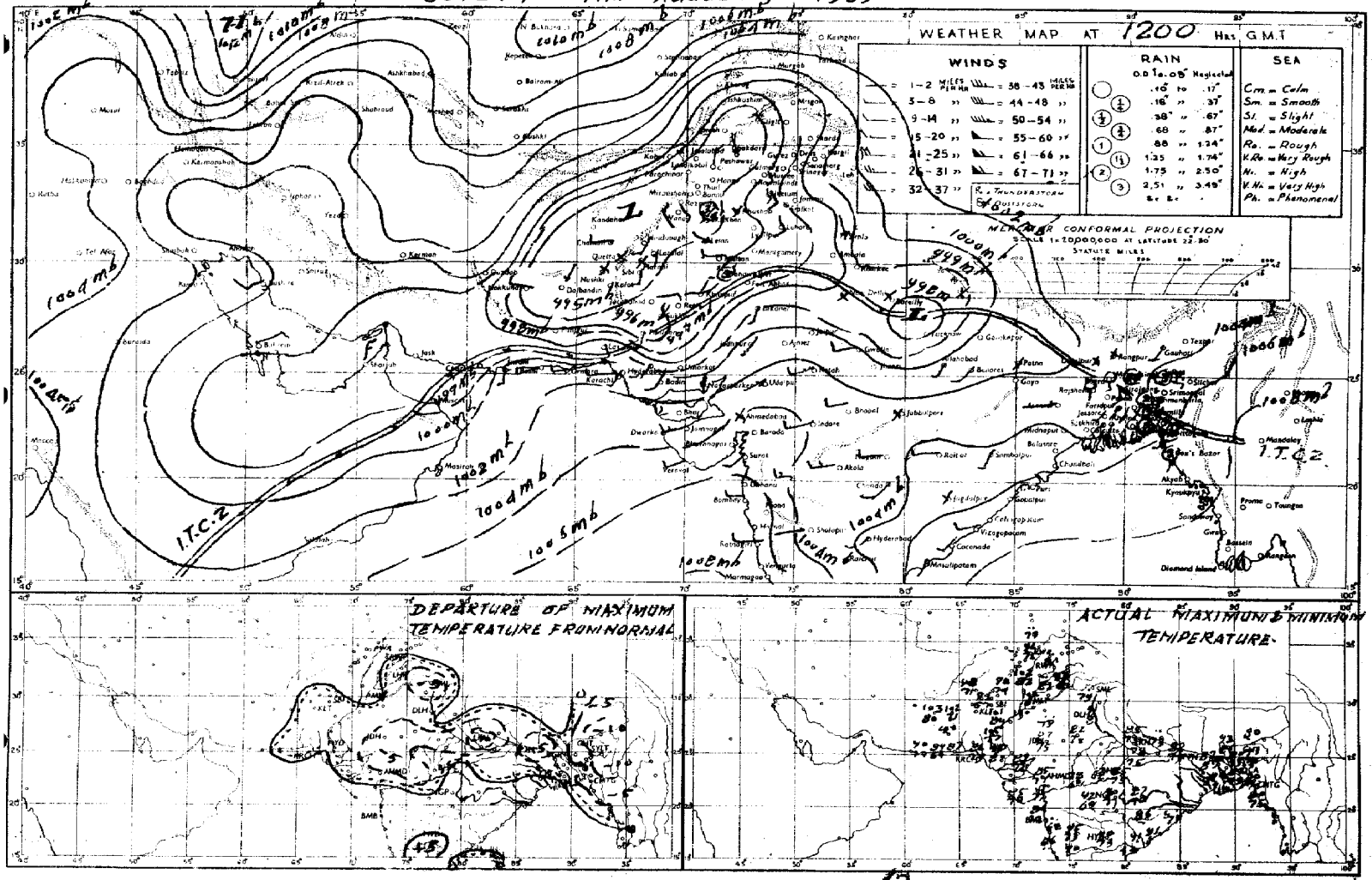
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

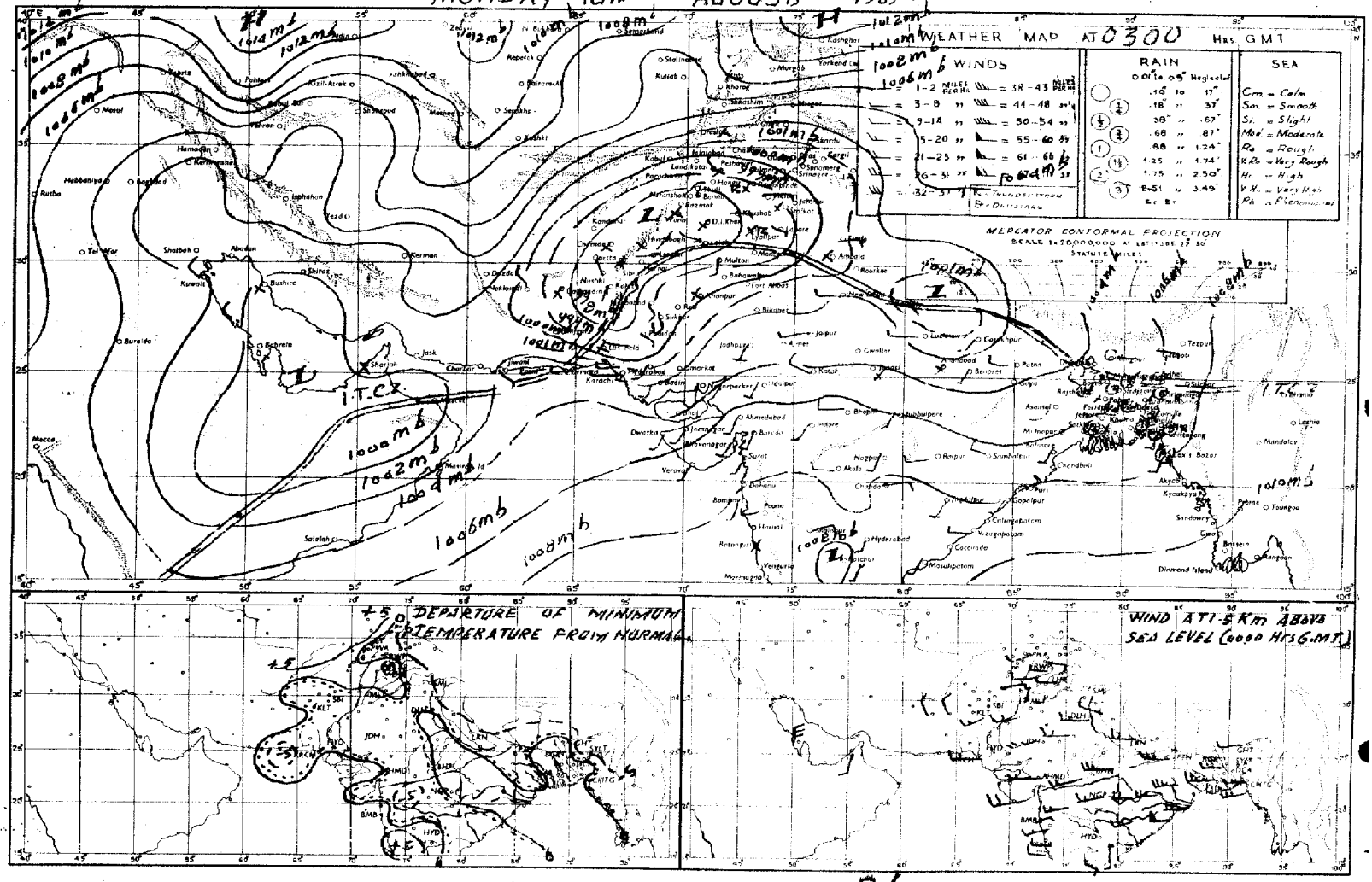
SUNDAY 17th AUGUST 1969



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

PAKISTAN DAILY WEATHER MAP

MONDAY 18th AUGUST 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

TUESDAY THE 19th AUGUST 1969.

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

The monsoon trough of low pressure has shifted slightly northwards and extends from Sargodha division to the northern parts of West Bengal.
Monsoon continues to be active over East Pakistan.
Widespread rain/thundershowers with locally heavy falls have occurred in East Pakistan.
The seasonal trough of low pressure lies over Quetta division and adjoining areas.
Fairly widespread rain/thundershowers have occurred in Rawalpindi division, local in Peshawar and Lahore divisions and scattered thunderstorms/showers in Sargodha, Multan and Bahawalpur divisions.

Chief amounts of rainfall are: Rangamati 9", Rajshahi and Dinajpur 6" each, Dacca 4", Maijdee Court, Jessore, Pabna, Bogra and Haripur 3" each, Chittagong, Mymensingh and Barisal 2" each, Khulna and Rawalpindi 1½" each, Comilla, Brahmanbaria, Sylhet, Narayanganj, Satkhira and Sirajganj 1" each and Murree and Srimangal ½" each.

Day temperatures were 9—12 °F (5—7 °C) below normal in Rajshahi division and 3—8 °F 2—4 °C) so in Chittagong, Dacca, Lahore, Rawalpindi, Sargodha, Peshawar and Khairpur divisions.

Forecast valid until the evening of 20th August 1969 :— Fairly widespread rain/thundershowers with locally heavy falls are likely to occur in East Pakistan, local in Peshawar, Rawalpindi and Lahore divisions and Kashmir and scattered in D. I. Khan, Sargodha and Multan divisions.

Karachi-11
The 19th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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	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	At 0300 Hrs. G. M. T., of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths) *	Dry Bulb temperature °F	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum Temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wc	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wz	N	dd	ff	VV	ww	W	PPP	TT	h	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 *	930	9	9	31	05	93	95	9	078	73	9	/	3	/	/	73	78	910	9	7	18	05	97	02	9	103	75	5	7	5	/	/	73	73	— —	—	72.4	—	81.6	140
	Cox's Bazar	033	9	8	25	06	96	05	6	063	80	5	3	4	2	0	78	81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4	—				
	Chittagong	14	1	8	05	07	96	60	6	068	76	8	7	2	2	/	76	81	182	9	8	13	05	96	99	4	095	75	5	5	4	2	0	75	74	— 5	— 2	26.4	—21.6	92.4	108
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	218	9	8	18	05	97	02	6	082	77	5	5	4	2	1	75	75	— 3		93.5	+32.7	105.6	115
	Comilla	256	4	7	13	05	96	04	6	051	77	7	4	4	/	/	77	80	110	5	7	18	05	96	04	6	081	77	7	4	4	/	/	75	75	— 7	— 1	64.3	+18.6	83.4	94
	Brahmanbaria	096	8	8	13	03	96	02	9	055	77	8	9	5	/	/	77	80	096	0	7	18	05	97	03	/	074	79	7	5	5	0	0	75	64	— —	—	—	—	—	78
	Sylhet	079	8	8	00	00	96	60	6	047	76	6	3	3	2	/	76	79	111	9	8	00	00	96	61	6	972	75	7	6	3	2	/	73	75	— —	—	87.7	—	116.7	—
	Srimangal	262	9	8	13	05	96	02	9	045	78	5	9	5	7	2	76	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 8	—				98
Dacca	Mymensingh	025	2	8	00	00	96	50	6	033	77	8	8	6	4	/	/	76	78	127	6	8	00	00	96	03	5	070	77	8	6	4	0	/	75	75	— 9	— 5	46.9	+ 4.1	62.1	91
	Narayanganj	055	8	8	13	02	96	03	6	050	78	8	7	3	/	/	78	80	103	3	8	18	02	97	02	6	///	79	8	6	3	/	/	75	75	— 7	— 4	35.6	+ 2.2	58.9	74
	Dacca (Tejgaon)	140	9	7	00	00	97	02	9	048	78	4	5	4	7	0	78	80	337	9	6	13	02	97	01	6	067	79	5	6	3	2	0	75	75	38 0	—	48.1	—		
	Faridpur	026	6	8	20	02	96	95	6	017	78	4	7	4	1	0	78	85	045	9	8	00	00	96	03	9	070	77	7	7	3	3	1	75	75	— 2	— 1	52.7	+11.5	74.2	71
Khulna	Barisal	005	0	7	00	00	96	02	5	052	85	2	6	4	7	0	77	86	212	6	8	23	03	96	02	9	069	77	3	6	4	7	0	75	//	— 1	—	—	—	—	81
	Khulna	000	0	5	00	00	97	03	0	040	85	3	2	4	0	0	85	85	150	9	7	03	00	97	03	0	040	79	5	2	4	0	2	51	75	— 2	— 3	—	—	—	68
	Satkhira	000	0	6	23	02	97	01	0	998	82	2	0	9	0	1	78	80	105	2	8	13	02	97	50	5	074	73	8	7	5	/	/	73	+ 2	— 5	22.2	—10.6	27.5	65
	Jessore	004	9	8	00	00	96	21	6	041	82	5	6	3	2	1	80	86	267	9	8	17	07	96	61	9	069	75	6	7	2	2	/	75	—	28.8	— 2.9	45.3	65
Rajshahi	Pabna	176	9	8	00	00	94	61	6	039	80	8	7	6	/	/	80	80	299	4	9	23	05	96	63	6	059	77	/	/	/	/	/	75	76	— —	—	27.6	—	41.4	59
	Sirajganj	280	8	8	00	00	96	03	6	047	78	8	8	0	7	8	0	77	78	120	3	8	18	02	62	02	6	057	75	8	6	6	0	0	75	75	— 9	— 4	25.3	— 5.5	37.8	64
	Rajshahi	211	9	8	18	03	94	61	6	040	78	8	7	4	/	/	76	78	559	9	8	23	07	94	61	6	047	75	8	7	4	/	/	75	75	— 10	— 4	36.8	+ 8.0	50.9	—
	Bogra	146	9	8	23	03	96	51	6	041	76	4	6	3	2	1	76	78	318	9	8	18	07	96	61	6	046	75	7	7	3	2	/	75	75	— 11	— 3	—	—	—	69
	Dinajpur	352	9	8	18	05	96	60	6	020	77	8	7	5	7	/	76	77	555	3	8	09	02	96	50	6	029	77	8	7	5	/	/	75	75	— 12	— 3	—	—	—	72
	Rangpur	000	0	6	00	08	96	03	9	969	85	3	5	6	2	0	77	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				
Lahore	Lahore (Jail Rd.)	015	4	8	00	00	95	05	9	964	87	4	8	6	2	1	81	93	015	0	5	18	03	95	05	1	994	84	5	0	9	2	0	73	81	— 4	+ 3	12.3	+ 2.0	16.4	19
	Sialkot	000	0	0	00	00	97	00	0	995	00	0	0	9	0	0	88	///	000	0	2	00	00	98	00	0	000	79	0	8	9	0	0	65	65	/	— 13	9.6	— 7.2	11.5	32
Rawalpindi	Jhelum	000	0	1	13	03	98	01	1	961	90	2	1	6	0	1	80	91	013	8	4	09	02	97	01	9	994	79	2	6	5	3	0	73	73	— —	—	16.2	—	26.5	—
	Islamabad																																								
	Rawalpindi																																							
	Campbellpur	000	0	3	03	03	99	05	0	958	90	2	2	8	6	0	78	90	146	4	3	09	02	95	01	9	002	75	1	5	6	3	0	56	69	— 4	— 6	14.7	— 1.7	24.7	36
Sargodha	Khushab	000	0	7	00	00	96	03	2	956	93	5	4	8	3	0	//	95	000	0	4	00	00	96	03	2	990	84	4	2	8	4	0	79	82	— 5	+ 1	3.1	— 4.5	7.2	15
	Sargodha	007	3	7	18	07	95	17	9	957	93	5	9	6	3	0	80	93	007	0	5	18	07	95	06	0	987	84	1	0	9	3	0	75	82	— 2	— 1	15.2	—	18.8	—
	Lyallpur	000	0	1	13	03	98	02	0	945	95	0	0	9	0	0	75	96	000	0	0	00	00	96	00	0	988	84	0	0	9	0	0	75	81	— 2	+ 1	4.4	— 2.0	7.4	12
Multan	Sahiwal	000	0	6	18	07	96	03	/	958	96	0	0	9	/	6	76	98	000	0	0	18	14	96	07	0	991	81	0	0	9	0	0	69	81	— 0	— 2	8.0	+ 4.1	11.0	10
	Multan	000	0	6	31	02	94	02	2	959	98	0	0	9	0	6	76	98	0.0	8	0	18	03	96	00	0	978	82	8	0	9	0	0	77	79	— —	— —	0.0	—	1.8	8
	Lejah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				
Bahawalpur	Khanpur	000	0	3	23	05	96	02	1	953	00	0	0	9	0	2	70	00	000	0	0	00	00	//	02	0	989	77	0	0	9	0	0	69	//	— 3	/	0.2	— 4.0	1.1	6
	Bahawalpur																		008	0	0	08	08	96	00	0	981	0	0	0	9	0	0	73	81	— —	1 0	0.1	— 3.6	2.0	6
	Fort Abbas	000	0	0	23	02	98	08	8	959	90	1	0	9	0	0	87	///	000	0	0	24	02	98	00	0	985	82	8	0	9	0	0	79	—	— —	—	0.6	—	0.8	8
Peshawar	Chakdra	000	8	1	36	05	97	03	1	///	90	1	1	9	0	0	79	91	000	0	3	00	00	98	01	1	983	77	3	0	9	6	0	73	73	— —	— —	—	—	—	—
	Peshawar																		000	0	6	31	02	98	02	2	994	81	1	8	6	3	0	73	77	— —	— 2	3 3	+ 0.1	12.0	11
	Haripur	000	2	7	13	03	97	03	3	952	90	0	4	9	0	2	75	90	334	8	6	05	03	97	03	6	009	75	6	0	9	8	5	73	69	— —	— —	6 3	—	17.5	—
D. I. Khan	Bannu	000	0	7	18	02	98	04	2	929	95	5	2	7	/	2	77	00	000	8	7	20	01	98	03	2	984	84	0	0	9	0	0	84	84	— —	— —	0.7	—	4.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	944	85	0	0	9	/	0	77	98	008	0	0	00	00	98	00	0	973	84	0	0	9	0	0	79	81	— 2	— 0	1.4	— 2.9	3.8	9
Quetta	Sibi	000	0	0	18	03	97	02	0	943	05	0	0	9	0	0	56	06	000	0	0	18	03	97	02	0	005	85	6	2	9	5	8	//	84	— —	— —	0.2	—	0.2	5
	Nokkundi	000	0	0	00	00	96	02	0	938	03	0	0	9	0	0	48	04	000	0	0	31	16	96	02	0	988	86	0	0	9	0	0	36	81	— —	— —	0.0	—	0.3	2
Kalat	Turbat	000	0	0	23	02	96	00	0	///	95	0	0	9	0	0	73	99	000	0	0	18	02	96	00	0	///	82	0	0	9	0	0	73		— —	— —	0.2	—	0.2	—
	Jiwani	000	0	7	18	09	96	02	2	003	82	7	6	5	0	0	73	83	000	0	7	09	03	96	02	2	033	79	7	6	4	0	0	70	78	— —	— —	0.0	—	2.0	5
	pasni	000	0	4	25	12	97	02	0	014	85	4	0	9	0	0	78	87	000	0	9	23	02	97	02	0	042	78	4	5	9	0	0	77	69	— 2	— 7	0.0	— 0.9	0.0	6
Karachi division	Ormara	000	0	1	25	12	96	02	2	007	84	1	6	6	6	0	80	87	000	0	6	27	07	96	02	2	039	86	6	6	6	0	0	79	84	— —	— —	0.0	— 0.8	0.6	6
	Lasbela	///	3	0	23	04	97	00	0	989	97	0	0	8	0	0	76	99	000	0	6	00	00	98	00	0	020	80	0	0	7	0	0	73	72	— —	— —	0.0	—	0.7	8
	Karachi (Manora)	000	0	5	27	09	97	03	/	010	82	5	6	4	1	0	73	85	000	0	6	27	09	96	01	2	030	83	6	6	5	0	0	73	73	— 0	+ 1	1.0	— 4.2	1.1	8
	Karachi (Airport)	000	0	6	27	10	96	01	2	007	84	6	6	5	1	0	76	87	020	0	8	23	09	96	02	2	021	81	8	6	5	0	0	71	78	— —	— —	1.5	—	1.6	—
Hyderabad	Nagarparkar	000	0	6	18	02	97	02	0	070	87	6	5	6	6	0	74	89	000	0	6	18	02	97	02	0	081	82	6	6	6	0	0	78	78	— —	— —	0.1	—	0.1	—
	Chhor	000	0	5	23	15	96	03	2	955	90	0	0	9	0	0	71	92	000	0	8	23	17	96	02	2	030	81	7	5	5	4	/	74	78	— —	— —	0.2	—	0.3	7
	Hyderabad	000	0	0	23	12	96	07	1	990	91	0	0	9	0	0	71	95	000	0	1	23	16	95	07	1	014	82	5	6	5	0	0	68	79	— 0	0	0.2	— 4.7	0.3	9
	Badin	000	0	4	23	18	96	03	0	023	89	0	0	9	0	4	71	90	000	0	8	23	04	96	03	0	025	79	0	0	9	0	8	73	78	— 2	— 1	0.3	— 5.3	0.3	—
Khairpur	Padidan	000	0	2	13	07	97	01	0	957	03	0	0	9	0	1	69	04	000	0	0	13	07	96	02	0	984	83	0	0	9	0	0	69	78	— —	— —	0.8	—	0.8	4
	Nawabshah	000	0	2	18	12	96	02	0	967	00	0	0	9	0	0	79	03	000	0	0	18	10	96	02	0	989	83	0	0	9	0	0	77	79	— —	— —	1.0	—	1.1	4
	Sukkur	000	0	8	13	03	96	03	2	949	03	0	0	9	0	0	49	04	000	0	0	26	07	96	02	0	986	82	0	0	9	0	0	73	78	— —	— —	0.0	—	0.0	4
	Kashmore	000	0	0	18	02	98	02	0	969	97	0	0	9	0	0	77	99	000	0	0	18	02	98	02	0	001	84	0	0	9	0	0	77	78	— —	— —	0.0	—	0.0	20
	Jacobaba	000	0	3	18	03	97	03	0	954	98	0	0	9	0	1	81	99	000	0	0	09	00	96	02	0	000	83	0	0	9	0	0	77	79	— 4	— 3	0.5	— 1.6	0.8	—
unagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				26
	HILL STATIONS																																								
Kashmir	Srinagar *	...																																							71
	Gulmarg * *	...																																							24
	Sonamarg * *	...																																							3
	Dras * *	...																																							6
	Leh * *	...																																							—
	Skardu * *	...																																							—
	Misgar * *	...																																							5
	Aliabad * *	...																																							59
	Gilgit * *	...																																							
Rawalpindi	Murree *	...	000	0	7	00	00	96	02	1	406	70	7	5	2	0	0	67	72	064	9	7	27	03	98	02	9	452	62	7	4	5	0	0	56	//	+ 2	/	—	—	—	18
Peshawar	Drosh *	...																																								29
	Chitral *	...	000	0	7	18	10	98	01	2	487	79	7	4	6	0	0	73	82	008	1	8	18	01	95	50	6	440	73	8	1	1	0	0	73	//	— 4	/	3.8	— 3.0	13.2	—
	Kakul *	...	012	9	6	30	05	95	03	2	439	78	7	3	3	0	0	73	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— —	—				29
	Landikotal *	...	000	8	4	05	05	98	01	8	391	87	4	3	9	2	0	67	86	014	01	05	00	00	98	02	0	434	73	1	5	6	3	0	60	67	+ 1	+ 1	—	—	—	13
	Prachinar	002	2	7	13	03	98	95	9	405	78	5	3	6	3	0	67	86	014	01	05	00	00	99	00	0	434	73	1	5	6	3	0	60	67	— —	— —	0.5	— 3.1	2.0	3.7
D.I. Khan	Miranshah *	000	0	4	05	05	97	02	0	378	91	4	0	9	0	0	64	94	000	0	8	05	00	99	00	0	406	82	8	0	9	0	0	69	81	— —	— —	0.5	— 3.1	2.0	11
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	00	0	431	79	8	0	9	0	0	73	75	— —	— —	—	—	3.7	11
Quetta	Fort Sandeman *	000	0	4	18	03	97	03	0	385	98	1	1	7	0	/	07	99	000	0	2	00	00	96	05	0	411	76	0	0	9	0	0	61	74	+ 2	+ 1	1.6	— 2.5	5.9	—
	Hindubagh *	000	0	0	23	03	96	02	0	392	90	0	0	9	0	0	54	94	000	0	0	23	03	97	02	0	437	75	0	0	9	0	0	66	62	— —	— —	2.7	—	5.9	9
	Loralai *	000	0	0	27	02	98	00	0	335	95	0	0	9	0	0	65	98	000	0	0	13	02	98	00	0	309	75	0	0	9	0	0	65	56	— —	— —	1.0	—	1.0	—
	Barkhan *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				14
	Harnai *	000	0	0	00	02	96	02	0	438	98	0	0	9	0	0	76	99	000	0	0	00	00	96	05	0	434	68	0	0	9	0	0	53	56	— —	— —	0.5	— 0.5	3.1	9
	Samungli (Quetta) *	000	0	4	27	05	96	02	0	398	93	0	4	9	0	4	64	95	000	0	0	18	03	97	00	0	454	77	0	0	9	0	0	53	75	— 1	+ 3	2.1	+ 1.9	4.8	—
	Chaman *	000	0	0	23	07	97	00	0	415	96	0	0	9	0	0	61	97	000	0	0	00	00	95	05	0	497	87	0	0	9	0	0	54	63	— —	— —	0.5	—	2.7	4
	Nushki *	000	0	0	00	00	95	05	0	487	98	0	0	9	0	0	69	99	000	0	0	00	00	96	05	0	421	80	0	0	9	0	0	60	80	— 2	+ 2	0.0	— 0.2	0.5	7
	Dalbandin *	000	0	0	31	08	96	02	0	421	03	0	0	9	0	0	25	03	000	0	0	23	05	96	02	0	421	80	0	0	9	0	0	60	78	— —	— —	—	—	—	—
Kalat	Kalat *	000	0	0	31	02	97	02	0	404	82	0	0	9	0	0	63	88	000	0	0	13	02	97	02	0	429	68	0	0	9	0	0	35	58	— 0	+ 1	0.9	— 0.3	2.2	—
	Khuzdar *	000	0	0	23	03	96	05	4	408	96	0	0	9	0	0	28	96	000	0	0	23	03	96	02	0	420	75	0	0	9	0	0	62	72	— 1	—	1.7	—	3.0	—
	Panjgur *	000	0	2	31	03	96	03	0	429	98	0	0	9	0	1	75	99	000	0	1	00	00	96	03	0	437	78	0	0	9	0	1	58	73	— 1	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 0000 hrs. G.M.T. of the same day.
When over 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 19th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_aL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_gt_R	8$N_sCh_sh_s$	$OT_aT_sT_dT_d$	$1T_wT_wT_{w1}T$	$3P_wP_wH_wH_wd_wd_wP_wH_wH_w$	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Maradonlja	99 2 94	10 4 98	18 0 03	03 2 04	97 5 33	00 9 00			73 7 15		05 2 29	13 4 00	30 5 01	29 6 02

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
		PoPoPo ToToTo DoDo	hhh TTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	005 250 08	...	445 170 46	114 088 48	584 025 08	759 119 17	974 261 46	252 513 //	433 665 //	670 795 //	...	...	...
Dacca ...	00 00	005 260 14	...	400 17/ /5	116 100 38	586 031 13	760 127 27	975 269 60	255 491 //	438 649 //	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	997 270 44	...	400 200 25	091 080 //	573 081 //	739 181 //	958 291 //	239 431 //	...	...	...	...	...
Multan ...	00 00	983 282 56	...	400 240 50	074 212 72	5 4 014 //	...	...	...	...	...	...	...	...
Peshawar ...	00 00	958 260 35	...	400 260 05	068 152 58	583 025 //	758 061 //	977 215 //	263 429 //	...	...	...	...	...
Quetta ...	00 00	814 230 71	...	/// /// ///	058 204 //	585 051 //	754 239 //	956 431 //	212 713 //	...	...	...	...	...
Sargodha ...	00 00	985 294 58	...	500 244 64	171 090 58	587 081 //	756 181 //	966 301 //	245 451 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.								Max. Wind Speed	TROPOPAUSE	
		PPP TT T_a DD								PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_sT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Chittagong ...	00 00	900 170 34	800 138 45	600 020 44	550 002 26	350 177 21								
Dacca ...	00 00	900 190 03	800 150 32	600 040 05	547 000 06	350 185 58	132 693 //	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	900 264 25	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	800 280 //	600 048 //	549 000 //	350 313 //	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...

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.

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 fff)						At 0600 hrs. G.M.T. † of date (dd fff)									
	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	3.4	4.5	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...																										
Chhor ...	220 19	225 10	220 19	...	...	...	...	...	...	220 27	075 04	065 04	275 08	260 12	...	...	075 02	250 03	185 05	175 03	230 04	...	...	...	...	...
Chittagong ...	No	Ascent		...	...	...	...	...	...		225 31				...	235 25	235 26	235 27	...							
Cox's Bazar ...	No	Ascent		...	...	...	...	...	...	...	...	...	...	...	...	115 09	115 09	145 07	240 09	...	...	...	...	...	...	...
Dacca ...	210 05	270 11	275 09	305 12	...	...	...	...	...	305 17	235 12	240 17	240 25	235 28	225 18	185 15	195 15	200 17	...	...	...	...	...	...	...	...
Dalbandin ...		...	185 03	125 02	020 03	350 06	015 13	345 12	290 12			240 07	230 05	265 08	260 09	...	...	240 09	305 08	275 05	235 04	280 15	280 15	275 18	310 16	040 09
D. I. Khan ...	175 10	160 13	160 13	295 07	140 17	205 03	255 12	265 14	200 12	030 03	035 09	235 11	020 08	150 02	125 06	120 06	105 07	090 18	085 16	060 14	055 03	270 13	315 10	240 20	225 14	205 76
Drosh ...																			235 11	205 09	205 17					
Fort Sandeman ...				235 00	195 06	230 07	275 30	270 31	285 24				050 05	350 09	290 12				045 07	040 07	330 05	300 10	090 13	295 14	250 18	285 28
Jacobabad ...	165 11	185 15	200 12	070 01	070 04	240 07	215 12	245 15	260 18	145 15	165 19	180 17	225 10	240 08	265 05	140 15	135 13	155 12	155 15	185 15	250 11	340 17	025 10	030 04	105 17	225 30
Jessore ...	245 12	255 14	275 20	285 23						No	Ascent					150 07	185 10									
Jhelum ...	135 03	160 06	165 14	270 04	295 09	305 12	310 26	295 16	260 17	135 08	155 13	235 06	...	245 05	...	135 02	160 05	100 07	105 04	255 01	275 09	270 18	255 15	260 23	280 21	275 23
Jiwani ...	175 14			...	...	...	...	...	...	165 05	...					165 06										
Karachi ...	250 14	260 11														255 18	255 25	255 24	...	...	...	...	...	...	...	...
Khanpur ...	215 11	210 17	210 14	200 17	285 09	290 07	290 13	225 12	215 14	220 13	220 15	235 14	285 //	285 //	/// 15	210 09	270 29	200 32	195 28	215 12	320 06	240 10	220 15	210 15	215 26	...
Lahore ...	255 04	245 09	235 13	245 10	265 11	...	...	...	...	200 12	225 12	235 15	225 02	275 15	290 00	235 04	260 09	270 06	220 08	145 03	160 04	...	...	...	...	...
Multan ...	1.5 21	185 09	185 35	210 26	275 37	200 37	280 //	215 11	310 12	200 01	230 12	230 12	280 04	215 02	005 03	205 15	215 17	195 20	195 21	190 16	215 13	105 13	285 23	/// 31	230 28	260 48
Nawab Shah ...	...	...	...	...	...	...	...	...	...	235 17	250 07	255 03	310 09	030 03	055 08	210 15	225 08	255 04	120 03	340 03	050 02	190 06	205 95	350 03	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...																
Peshawar ...	...	...	...	...	...	...	...	...	...	...	025 06	305 07	260 05	310 07	305 20	...	075 01	155 02	265 03	300 15	280 15	...	...	...	...	...
Quetta ...	...	...	...	...	280 02	255 03	280 12	290 12	305 15	Ascent				260 15	300 20					265 13	255 06	235 11	215 13	220 17	265 21	...
Sargodha ...				...	...	...	...	...	...	135 10	150 12	150 06	260 11	...	...	200 03	140 03	140 06	145 09	...	...	...	...	...	...	...
Sylhet ...	No	Ascent		...	...	...	...	...	...	No	Ascent	...	...	...	...	190 06	...	...	...	...	...	...	...	...	...	...
Veraval ...	...			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	250 22	260 19	275 23	275 25	290 21	335 14	200 06	220 03	115 06	065 08	100 15	100 09	335 09	...	...	...	...	...
Peshawar ...																		
Quetta																		

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

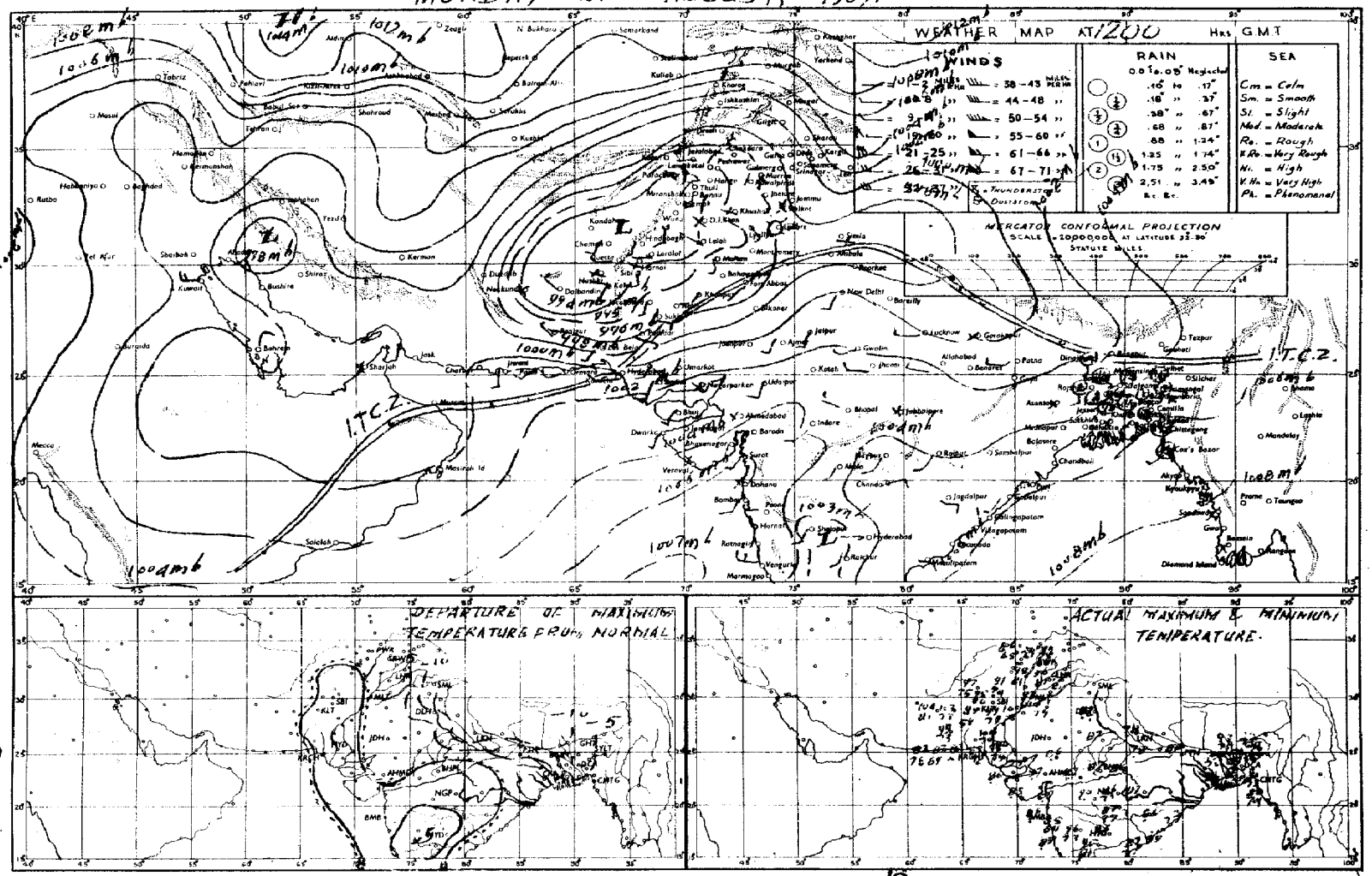
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

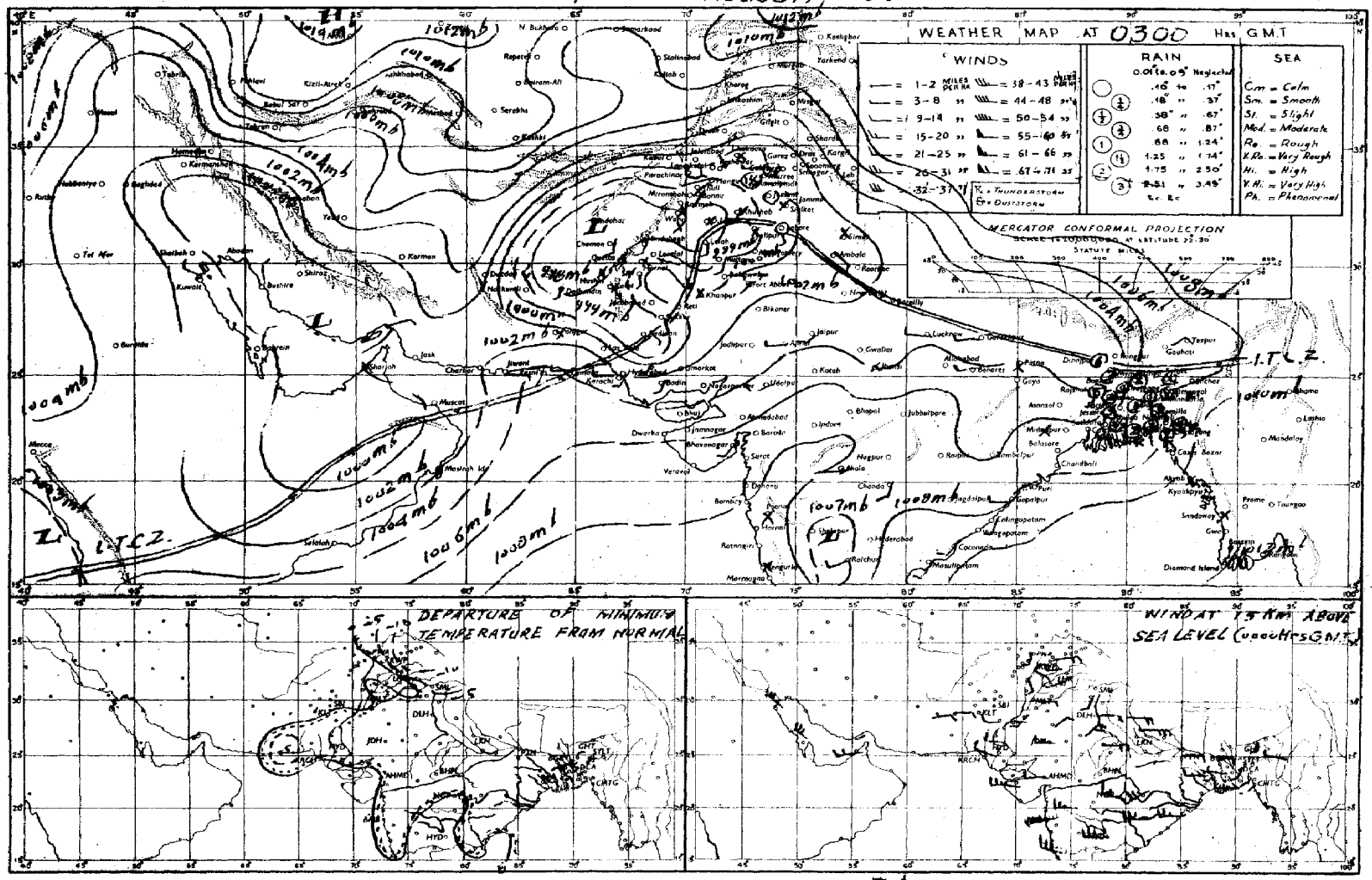
MONDAY 18th AUGUST, 1969.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 19th AUGUST, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY THE 20th AUGUST 1969.

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

The monsoon trough of low pressure extends from Lahore division to the northern parts of West Bengal. Monsoon continues to be active over East Pakistan. Rain/thundershowers have been widespread in Khulna division and fairly widespread elsewhere over the province. The seasonal trough of low pressure lies over Quetta division and adjoining areas. Scattered rain/thundershowers have occurred in Peshawar and Rawalpindi divisions. A few thunderstorms have also been reported from D. I. Khan division.

Chief amounts of rainfall are: Satkhira 6¾", Khulna 4", Pabna, Sirajganj, Rajshahi, Faridpur and Sylhet 3" each, Comilla and Maijdee Court 2" each, Rangpur 1½", Jessore and Drosh 1" each, Chittagong and Srimangal 3/4" each, Rangamati and Narayanganj ¾" each, Brahmanbaria, Dacca and Rawalpindi ¼" each.

Day temperatures were 3—6 °F (2—3 °C) below normal in Chittagong, Lahore, Rawalpindi, Sargodha, Peshawar and D. I. Khan divisions and 7—12 °F (4—7 °C) so in Dacca, Khulna and Rajshahi divisions.

Forecast valid until the evening of 21st August 1969 :— Fairly widespread rain/thundershowers with locally heavy falls are likely to occur in East Pakistan and scattered in Peshawar, Rawalpindi, Lahore, Sargodha and Multan divisions.

Karachi-11
The 20th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 °F	Maximum temperature °F	At 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at †	Total clud 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	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	h	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	002	0	7	18	09	98	21	2	073	78	5	3	5	7	/	73	82	048	9	7	16	09	95	51	6	098	75	4	7	4	1	/	75	73	—	—	72.9	—	82.0	—
	Cox's Bazar																																								140
	Chittagong	002	9	7	18	14	96	02	2	067	80	5	6	2	3	0	76	82	063	9	8	18	09	96	21	6	086	75	6	7	3	2	/	75	73	— 4	— 3	37.0	−21.6	92.0	108
	Maridee Court	100	9	8	13	05	96	03	2	046	83	5	5	4	5	0	77	80	700	6	8	00	00	96	03	6	068	77	5	4	2	/	/	75	73	— 5	— 5	95.5	+34.8	107.6	115
	Comilla	090	1	7	18	05	96	03	2	060	76	7	4	4	0	0	76	82	218	3	7	18	05	96	02	6	073	75	7	4	4	1	/	75	73	— 5	— 3	66.4	+20.2	85.5	94
	Brahmanbaria	020	0	8	18	05	95	62	1	047	76	8	5	3	/	/	73	80	030	1	8	18	05	95	03	6	064	77	8	5	3	0	/	75	65	— —	— —	—	—	—	78
	Sylhet	017	9	8	00	00	96	61	6	047	76	7	7	3	2	/	73	76	284	9	8	05	05	95	21	6	074	75	6	4	4	2	/	73	73	— —	— —	90.6	—	119.5	—
	Srimangal	065	9	8	00	00	96	95	9	053	76	8	9	3	3	1	76	85	082	9	8	00	00	96	02	9	072	75	7	7	3	3	1	73	73	— 5	— 3	53.5	+11.8	75.0	98
Dacca	Mymensingh	030	4	8	00	00	96	50	5	019	76	8	6	4	/	/	76	78	089	2	7	13	02	96	03	2	059	79	7	5	4	0	0	77	73	— 9	— 5	47.0	+ 3.8	62.1	91
	Narayanganj	044	4	8	18	05	96	03	6	046	78	8	6	3	/	/	76	80	059	3	8	23	02	97	03	6	059	77	8	7	3	/	/	75	75	— 7	— 4	36.2	+ 2.3	59.5	74
	Dacca (Tejgaon)	016	6	7	18	09	96	50	6	040	78	6	7	2	7	0	77	83	033	9	8	18	05	94	61	6	055	77	5	7	3	2	/	75	75	— —	— —	38.3	—	48.4	—
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	306	3	8	18	02	95	61	6	057	81	7	4	4	1	0	77	75	— —	— 3	—	—	—	71
Khulna	Barisal	259	4	8	23	02	96	61	6	050	76	6	7	4	2	/	73	80	020	0	8	23	02	96	60	6	064	75	6	4	4	2	0	75	73	— 7	— 5	—	—	—	81
	Khulna	050	9	8	00	00	97	03	0	065	76	7	4	4	0	4	/ /	78	350	9	8	23	04	97	02	0	054	75	4	2	4	0	2	/ /	75	— 9	— 3	—	—	—	68
	Satkhira	490	4	8	18	03	97	03	6	038	78	8	7	5	0	0	78	78	565	1	8	23	03	97	60	6	059	75	8	7	4	0	0	75	73	— 10	— 5	27.8	— 5.3	33.0	65
	Jessore	095	9	8	18	08	97	02	6	035	78	8	6	2	2	/	77	85	150	9	8	23	01	95	61	6	048	75	7	7	2	2	/	73	74	— —	— —	30.3	— 1.7	36.8	65
Rajshahi	Pabna	210	9	8	23	05	94	61	6	019	78	8	7	6	/	/	78	78	279	9	8	23	05	96	61	6	038	79	8	7	6	/	/	77	75	— —	— —	30.4	—	44.1	59
	Sirajganj	090	8	8	18	02	96	02	6	043	77	8	7	8	0	/	77	77	317	1	8	18	02	96	63	6	044	77	8	7	6	/	0	75	73	— 10	— 6	28.6	— 2.6	41.0	64
	Rajshahi	561	9	8	23	08	94	61	6	014	78	8	7	4	/	/	77	78	263	9	8	27	02	94	03	6	039	81	8	7	4	/	/	77	75	— 10	— 4	39.5	+10.8	53.4	—
	Bogra	070	9	8	18	05	96	21	6	039	77	6	7	3	2	/	76	77	065	2	8	13	03	95	01	6	057	79	5	7	4	2	/	77	75	— 12	— 3	—	—	—	69
	Dinajpur	000	9	7	09	02	96	62	2	011	81	7	5	6	/	/	76	82	008	1	7	09	05	96	01	2	036	79	7	4	6	/	/	79	75	— 7	— 3	—	—	—	72
	Rangpur	000	0	5	13	02	96	03	1	967	85	5	0	9	2	0	78	93	146	8	7	13	05	96	03	6	006	82	7	6	6	0	0	81	79	+ 4	+ 1	—	—	—	84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Lahore	Lahore (Jail Rd.)	000	0	5	18	02	95	06	1	979	93	3	8	6	7	0	76	93	000	0	0	00	00	96	06	0	002	84	0	0	9	0	0	73	81	— 4	+ 3	12.3	+ 1.8	16.4	19
	Sialkot	000	0	0	10	13	96	00	0	995	86	0	0	9	0	0	60	95	000	0	0	00	00	97	00	0	010	79	0	0	9	0	0	64	//	+ 1	—	96.3	— 7.5	11.5	32
Rawalpindi	Jhelum	013	0	2	13	05	97	02	0	901	90	2	1	6	6	0	76	98	000	6	1	00	00	97	03	1	08	82	1	8	/	3	0	73	75	— —	— —	16.2	—	26.5	—
	Islamabad																																								
	Rawalpindi	000	0	7	09	02	98	02	2	972	87	5	4	7	6	0	76	90	000	9	8	00	00	97	02	9	010	79	0	0	9	0	0	//	40	— 4	— 35	15.0	−18.2	25.0	36
	Campbellpur																																								
Sargodha	Khushab	000	0	0	09	//	96	06	0	970	96	0	0	9	0	0	90	96	000	0	8	09	//	96	02	2	990	84	4	2	8	4	0	//	82	— 4	+ 1	3.1	— 4.7	7.2	15
	Sargodha	000	0	1	13	07	95	06	0	977	93	1	8	6	0	0	77	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Lyallpur	000	0	0	29	02	96	00	0	969	91	0	0	9	0	0	70	96	000	0	0	00	00	96	00	0	999	84	0	0	9	0	0	79	//	— 2	/	4.4	— 2.2	7.4	12
Multan	Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
	Multan	000	0	0	23	05	96	02	0	968	95	0	0	9	0	0	76	96	000	0	0	18	07	96	05	0	011	82	0	0	9	0	0	73	80	— 2	— 3	8.0	+ 4.0	11.0	7
	Lieah	000	0	0	18	02	95	00	0	963	96	0	0	9	0	0	82	//	000	0	0	36	05	93	00	0	953	90	0	0	9	0	0	75	81	— —	— 1.8	0.0	—	1.8	8
Bahawalpur	Khanpur	000	0	2	00	00	96	02	0	963	98	0	0	9	/	/	68	00	000	0	0	33	05	96	03	0	006	//	0	0	9	0	0	69	75	— 3	— 6	0.2	— 4.0	1.1	6
	Bahawalpur	000	0	1	00	00	94	00	0	954	98	0	0	9	0	0	72	00	000	0	0	00	00	96	00	0	012	81	0	0	9	0	0	//	79	— 0	— 2	0.1	— 3.7	2.0	6
	Fort Abbas	///	/	0	00	00	98	00	0	955	98	0	0	9	0	0	68	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
Peshawar	Chakdra	000	0	2	36	02	97	03	1	948	90	2	1	7	0	0	77	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
	Peshawar	000	0	7	27	03	97	02	1	968	90	5	3	6	0	0	72	93	000	0	7	00	00	97	03	1	012	79	2	3	6	3	2	69	75	— 5	— 4	3.3	+ 0.0	12.0	11
	Haripur	000	6	5	23	05	96	03	2	980	86	5	0	9	/	/	72	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
D. I. Khan	Bannu	000	0	8	36	13	97	07	3	984	87	6	4	7	1	0	68	96	000	4	6	23	03	97	03	9	000	79	3	2	7	0	0	65	77	— —	— 4.5	0.6	—	4.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	958	85	0	0	9	0	0	77	98	000	0	4	00	00	98	02	1	001	87	0	0	9	0	0	73	81	— 2	— 0	7.4	+ 3.0	3.8	9
Quetta	Sibi	000	0	0	18	03	97	02	0	953	05	0	0	9	0	0	52	06	000	0	0	18	03	97	02	0	006	05	0	0	9	0	0	52	84	— —	— —	0.2	—	0.2	5
	Nokkundi	000	0	0	31	17	95	07	0	942	02	0	0	9	0	0	52	03	000	0	0	31	17	96	02	0	003	85	0	0	9	0	0	37	81	— —	— —	0.0	—	0.3	2
Kalat	Turbat	000	0	0	23	03	96	00	0	004	97	0	0	9	0	0	72	97	000	0	0	27	02	96	00	0	876	81	0	0	9	0	0	72	24	— —	— —	0.2	—	0.2	—
	Jiwani	000	0	6	18	07	96	02	2	014	82	6	6	9	5	0	73	84	000	0	7	18	05	96	02	2	046	79	7	4	9	5	0	69	78	— —	— —	0.0	—	2.0	5
	pasni	000	0	4	25	08	97	02	0	018	85	4	0	9	0	0	78	84	000	0	8	23	06	97	02	6	092	80	4	4	9	0	0	77	68	— 2	— 0	0.0	— 0.8	0.0	6
Karachi division	Ormara	000	0	2	25	09	96	04	4	026	84	2	0	6	6	0	80	86	000	0	5	27	05	96	02	2	044	79	5	0	6	6	0	0	78	15	— —	0.0	— 0.8	0.6	6
	Lasbela	///	0	3	36	04	97	00	0	985	95	0	0	8	4	0	73	99	///	0	6	00	00	98	00	0	027	80	0	0	8	0	0	73	73	— —	— —	0.7	—	0.7	8
	Karachi (Manora)	000	0	8	25	12	97	02	1	022	78	4	0	9	0	0	73	85	000	0	6	27	10	96	03	1	040	87	6	6	4	0	0	74	79	0	+ 1	1.0	— 3.2	1.1	8
	Karachi (Airport)	000	8	6	23	12	96	01	2	017	84	6	6	5	0	0	72	87	000	0	7	27	09	96	03	1	038	81	7	6	5	0	0	71	78	— —	— 1	1.5	—	1.5	—
Hyderabad	Nagarparker	000	0	6	18	02	97	02	0	070	87	6	6	9	0	0	74	89	000	0	6	18	02	97	02	0	/	/	6	6	6	0	0	76	79	— —	— —	0.1	—	0.1	—
	Chhor	000	0	6	23	17	96	//	0	///	//	6	6	9	0	0	65	92	000	0	7	23	19	96	02	2	025	81	7	6	5	0	0	74	78	— /	— —	0.2	—	0.2	7
	Hyderabad	000	0	0	23	12	95	07	0	001	90	1	5	6	0	1	69	94	000	0	5	23	10	97	01	2	026	82	5	6	5	0	0	70	79	— /	— 0	0.2	— 4.8	0.3	9
	Badin	000	0	4	23	16	96	03	0	031	88	0	0	9	0	4	70	91	000	0	6	23	08	96	03	0	041	80	0	0	9	0	6	74	79	— 1	— 0	0.3	— 5.4	0.3	—
Khairpur	Padidan	000	0	1	13	05	96	03	0	963	02	0	0	9	0	1	68	03	000	0	0	13	05	97	02	0	998	82	0	0	9	0	0	72	78	— —	— —	0.8	—	0.8	4
	Nawabshah	000	0	2	18	11	96	03	0	977	99	0	0	9	0	0	69	02	000	0	0	18	07	96	02	0	003	83	0	0	9	0	0	74	79	— —	— —	1.0	—	1.1	—
	Sukkur	000	0	0	23	03	96	02	0	948	04	0	0	9	0	0	76	04	000	0	0	20	09	96	02	0	001	80	0	0	9	0	0	73	77	— 16	— —	0.0	—	0.0	4
	Kashmore	000	0	0	18	02	98	02	0	977	99	0	0	9	0	0	75	01	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20
	Jacobaba	000	0	0	13	09	97	02	0	962	99	0	0	9	0	0	80	//	000	0	0	13	09	96	02	0	007	83	0	0	9	0	0	77	80	— 4	— 2	0.5	— 1.6	0.8	—
Junagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26
	HILL STATIONS																																								
Kashmir	Srinagar *																																								71
	Gulmarg **																																								24
	Sonamarg **																																								—
	Dras **																																								3
	Leh **																																								6
	Skardu *																																								—
	Misgar **																																								5
	Aliabad *																																								5
	Gilgit *																																								50
Rawalpindi	Murree *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	7	36	03	97	02	1	440	64	7	5	4	0	0	56	58	—	— /	—	—	—	18
Peshawar	Drosh *	000	0	7	33	14	96	03	2	393	86	6	4	7	6	0	49	93	100	6	/	18	02	98	03	2	445	73	3	2	5	2	0	64	64	— 2	— 8	—	—	—	29
	Chitral *	000	0	7	18	01	98	02	2	423	77	7	4	6	3	0	72	83	000	0	6	08	05	97	02	2	450	73	6	4	6	0	0	68	//	— 6	/	38.4	— 4.6	13.2	—
	Kakul *	000	8	6	18	07	97	01	2	419	78	6	3	4	3	0	70	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13
	Landikotal *	000	8	8	05	03	94	03	2	991	87	8	7	6	/	/	72	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	29
	Parachinar *	000	4	6	11	05	98	17	9	426	77	5	3	6	6	0	58	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13
D.I. Khan	Miranshah *	000	0	8	05	05	97	03	0	402	90	8	0	9	0	0	59	90	000	0	0	05	05	99	00	0	413	82	0	0	9	0	0	75	81	— —	— —	0.5	— 3.1	19.1	11
	Wana *	000	0	2	13	05	97	00	0	441	87	0	3	0	0	0	82	91	000	0	0	00	00	99	00	0	429	75	0	0	9	0	0	51	75	— —	— —	0.0	—	3.7	—
Quetta	Fort Sandeman *	000	2	6	13	10	97	03	1	382	94	6	5	7	0	0	65	98	000	0	0	05	03	97	02	0	454	76	0	0	9	0	0	58	73	+ 1	— 0	1.6	— 2.6	5.8	—
	Hindubagh *	000	0	0	20	03	96	02	0	396	92	0	0	9	0	0	63	95	000	0	0	23	03	96	02	0	436	75	0	0	9	0	0	56	66	— —	— —	2.7	—	6.0	9
	Loralai *	000	0	0	21	02	98	00	0	421	95	0	0	9	0	0	66	97	000	0	0	27	02	98	00	0	380	75	0	0	9	0	0	65	66	— —	— —	1.8	—	1.0	—
	Barkhan *																																								14
	Harnai *	000	0	0	00	00	96	02	0	392	95	0	0	9	0	0	62	91	000	0	0	00	00	95	05	8	439	69	0	0	9	0	0	58	68	//	— —	3.2	— 3.6	3.8	9
	Samungli (Quetta) *	000	0	1	36	05	96	05	0	405	92	1	0	9	0	0	76	98	000	0	0	00	00	95	05	0	439	69	0	0	9	0	0	58	61	— —	— —	0.5	— 0.5	3.1	8
	Chaman *	000	0	0	27	05	97	00	0	451	95	0	0	9	0	0	38	97	000	0	0	13	03	97	00	0	432	77	0	0	9	0	0	53	75	— /	+ 3	2.1	+ 2.0	4.8	—
	Nushki *	000	0	0	00	00	95	05	0	489	00	0	0	9	0	0	71	02	000	0	0	00	00	95	05	0	482	81	0	0	9	0	0	50	80	— —	— —	0.5	—	2.6	4
	Dalbandin *	000	0	0	23	05	96	02	0	421	00	0	0	9	0	0	19	02	000	0	0	23	03	96	02	0	409	77	0	0	9	0	0	43	73	— 3	+ 2	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	27	02	96	02	0	402	85	0	0	9	0	0	49	90	000	0	0	16	02	97	02	0	440	67	0	0	9	0	0	41	59	+ 1	+ 2	0.8	— 0.3	2.2	5
	Khuzdar *	000	0	0	28	02	96	02	0	403	88	0	0	9	0	0	38	99	000	0	0	27	05	96	05	0	427	77	0	0	9	0	0	59	72	— —	— —	1.6	—	3.2	—
	Panjgur *	000	0	0	36	05	95	05	0	428	97	0	0	9	0	0	44	00	000	0	0	00	00	95	05	0	444	86	0	0	9	0	0	58	76	0	+ 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

WEDNESDAY THE 20th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D_eV_sa PP	7RR t_gt_g	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
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
		PoPoPo ToToTo DoDo	hhh TTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	004 244 03	...	460 181 6/	117 084 43	583 045 34	756 139 57	963 289 58	247 507 //	...	...	...	...	...
Dacca ...	00 00	003 250 18	...	380 160 22	074 056 27	577 065 56	749 163 57	959 030 07	235 527 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	999 264 53	...	450 190 40	055 059 47	571 131 //	734 211 //	941 315 //	...	...	...	...	...	...
Multan ...	00 00	986 278 50	...	430 224 35	069 144 25	580 045 //	754 121 //	970 231 //	258 381 //	...	...	...	...	...
Peshawar ...	00 00													
Quetta ...	00 00	815 222 66	...		180 133 34	580 065 //	748 253 //	949 407 //		...	...	...	...	...
Sargodha ...	00 00	986 284 59	...	580 250 26	164 094 57	586 085 //	756 175 //	966 275 //	250 391 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.								Max. Wind Speed	TROPOPAUSE		
		PPP TT T_a DD								PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_{aa}$	dt dt ft ft ft	
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 220 17	800 152 35	600 030 32	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 204 15	800 122 37	600 003 55	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...													
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds tens and units of millibars.
DD—Daw 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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date(dd fff)						At 0600 hrs. G.M.T. † of date (dd fff)									
	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	3.4	4.5	5.4	6.0	7.2	0.9
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	200 11	210 13								...	...	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chakla ...		120 06	145 07	180 08	150 05	285 05	250 07	...	275 13		080 06	110 11	330 04	335 06	280 11	225 12	225 31	230 40	...	...	...	...	...	...	...	...
Chhor ...	210 26	225 32	225 22	...	...	...	...	...	...	225 34	230 45	230 35	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chitcagong ...	170 19	175 23	180 23	...	180 23	...	...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...
Cox's Bazar ...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	180 02	190 17	...	...	...	...	...	...	...	...	...
Dacca ...	175 17	...	...	...	...	...	...	...	...	200 24	210 22	210 19	...	190 06	...	...	...	240 11	250 23	255 23	250 15	250 16	225 22	235 24	...	...
Daibendin ...		...	210 06	255 10	225 04	340 03	345 07	305 06	290 07	...	...	...	255 07	345 07	310 18	260 09	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	831 0/	160 09	145 10	125 15	115 16	305 03	215 13	265 15	275 20	041 02	280 0/	130 08	130 05	010 04	...	040 03	085 06	190 07	100 05	090 08	...	...	...	...	...	...
Dresh ...	...	...	...	235 19	275 03	245 12	...	...	...	...	...	...	215 02	225 00	200 05	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	170 05	210 04	245 10	280 15	235 21	...	...	...	...	045 07	010 06	285 17	...	...	...	040 06	030 05	350 07	310 14	300 16	275 13	...	...
Jacobabad ...	155 10	170 12	175 11	255 03	295 02	275 04	265 11	230 14	220 13	151 23	200 07	240 06	330 03	225 05	275 09	125 15	145 12	150 12	150 10	140 05	295 08	015 20	010 21	010 15	...	...
Jessore ...	290 23	260 28	265 31	275 39						No	Ascent						No	Ascent							...	...
Jhelum ...	135 07	141 52	155 07	190 11	795 07	245 05	230 11	235 17	250 27	355 07	320 05	215 04	240 01	235 01	320 12	045 01	235 03	250 05	275 04	280 02	...	...	...	...	...	...
Jiwani ...	160 11			...			...	...	...	180 05	150 06	...	...			150 06	190 01		...	...	...	...	...	...	...	...
Karachi ...	235 27	240 31	245 29	...	260 13											250 21	250 22								...	...
Khanpur ...	215 08	195 08	180 07	195 07	225 07	210 11	135 81	240 23	250 20	205 17	227 03	221 04	235 15	270 16	281 01	215 11	205 12	185 11	145 11	125 11	105 14	060 06	305 09	015 10	010 14	...
Lahore ...	160 04	160 04	170 04	160 04	110 03					150 04	170 02	275 03	295 09	285 17	310 16	260 04	205 06	185 66	220 02	260 02	280 06	...	...	...	...	...
Mulcan ...	215 08	190 12	190 16	190 15	210 14	215 23	265 19	285 25	/////	205 17	215 32	222 49	275 08	030 19	285 21	200 15	195 15	165 14	165 12	165 09	150 10	270 10	285 08	225 10	...	...
Nawab Shah ...	200 29	210 25	250 21	245 07	205 03	355 07	235 05	240 08	245 14	235 14	255 05	234 00	290 08	340 05	005 06	215 14	225 08	040 05	015 06	340 08	295 06	210 08	255 06	265 07	...	...
Panjgar ...	...						...	...	...	...	345 //	310 06	030 06	315 12	300 10	...	330 08	340 05	245 //	275 06	/// //	255 10	...	...	...	...	...
Peshawar ...	...	220 03	200 04	205 07	190 17	225 09														260 03	270 04	290 08	315 10	300 17	...	...
Quetta ...	...			...	265 08	260 09	240 16	225 24	235 26	...	...	...	...	...	...	105 23	115 02	115 01	230 00	075 04	190 03	...	...	...	...	...
Sargodha ...	135 09	160 10	165 10	165 16	175 16	...	...	...	...	125 06	160 05	090 02	280 06	235 05	260 06	...	No	Ascent	...	...	...	...	...	...	...	...
Sylhet ...	No	Ascent	...	...	...	...	...	...	...	140 08	155 19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...	245 28	260 22	265 19	265 12	310 17	099 11	060 14	125 05	120 06	...	...	...	...	...	...	...	...	...
Karachi ...																		
Peshawar ...																		
Quetta ...																		

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

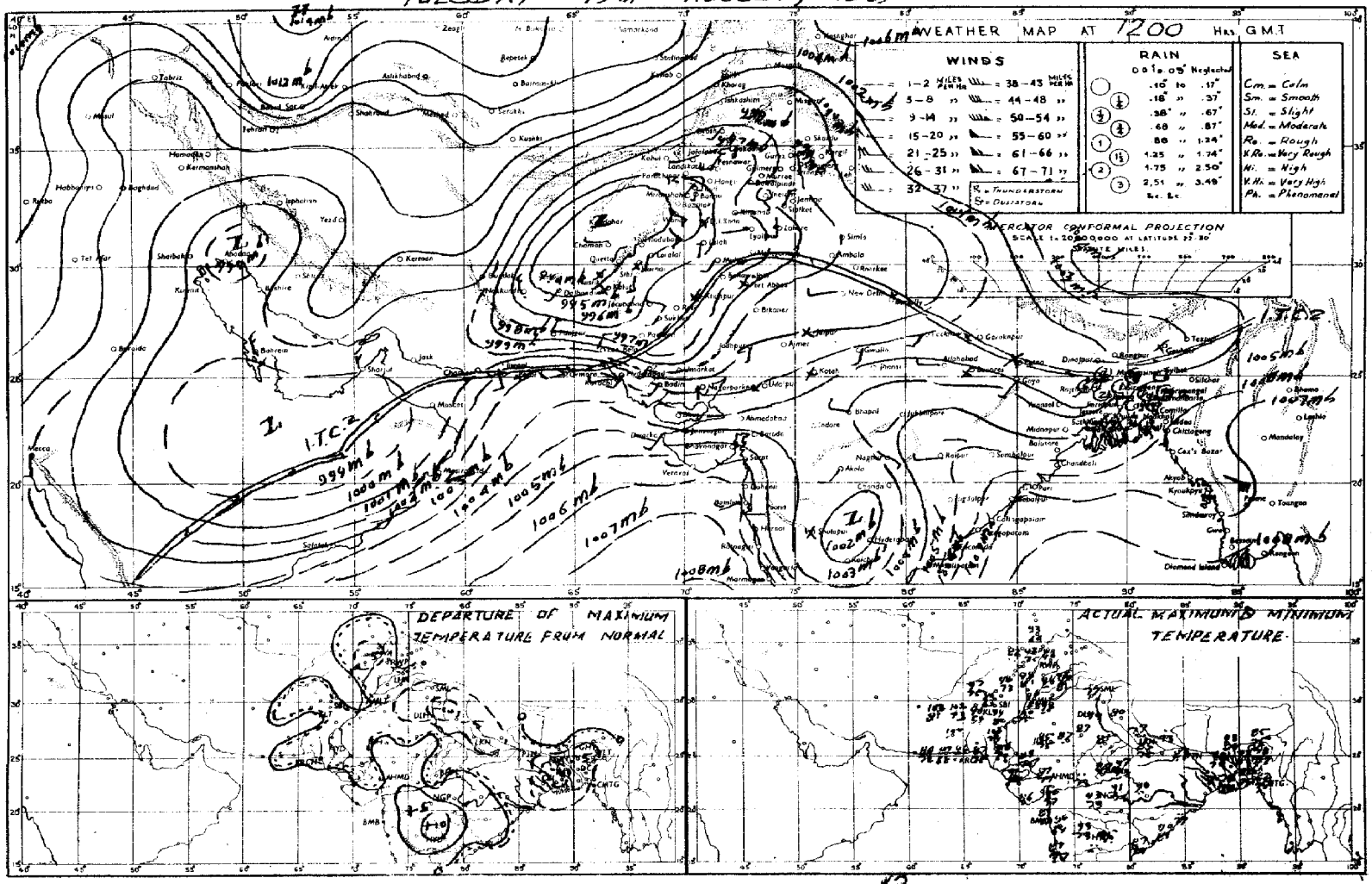
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

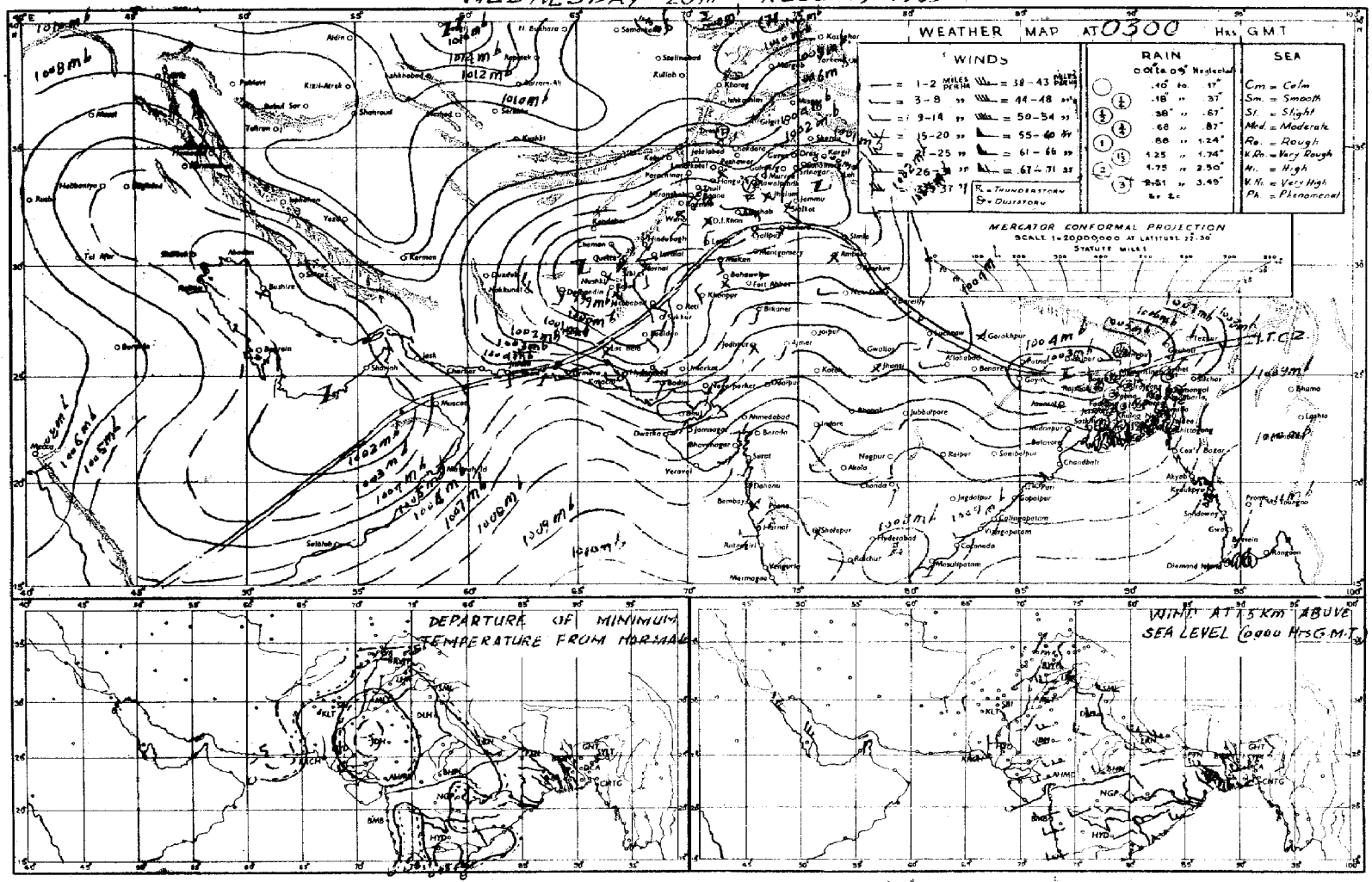
TUESDAY 19th AUGUST, 1969



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 20th AUGUST, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

THURSDAY THE 21st AUGUST 1969.

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

The monsoon trough of low pressure has shifted north wards and runs along the foot of Himalyas from Lahore division and West Bengal. Monsoon is still active over East Pakistan. Rain/thundershowers have been widespread in East Pakistan. The seasonal trough of low pressure lies over Quetta and D. I. Khan division. Scattered rain/thundershowers have occurred in Quetta, Peshawar and Rawalpindi divisions. A few thunderstorm also occurred in Sargodha division.

Chief amounts of rainfall are: Rajshahi, Khulna and Jessore 4" each, Chittagong, Dacca, Satkhira and Pabna 2" each, Comilla, Mymensingh and Narayanganj 1¼" each, Maijdee Court, Sylhet and Bogra 1" each, Brahmanbaria and Fort Sandeman ½" each and Rangamati, Srimangal, Barisal, Sirajganj and Rangpur ¼" each.

Day temperatures were 4—10 °F (2—6 °C) below normal over East Pakistan, Lahore, Rawalpindi, Peshawar and Quetta divisions.

Forecast valid until the evening of 22nd August 1969 :— Fairly widespread rain/thundershowers with locally moderate to heavy falls over East Pakistan, scattered in Lahore, Rawalpindi, Sargodha and Multan divisions.

Karachi-11
The 21st August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 °	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G.M.T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths) *	Dry Bulb temperature	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	We	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	We	N	dd	ff	VV	ww	W	PPP	TT	h	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	000	0	7	18	05	98	02	2	060	80	4	3	5	/	/	77	82	019	0	6	18	02	98	02	6	089	77	5	3	5	7	0	75	73	—	—	76.6	—	83.1	—
	Cox's Bazar	000	0	6	18	12	98	06	7	061	79	5	5	4	4	0	77	83	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 5	—				140
	Chittagong	003	1	8	18	12	96	60	6	052	78	5	7	2	3	2	73	85	081	3	/	13	11	96	21	6	077	77	4	5	4	3	0	77	73	— 1	— 3	38.6	—20 5	91.8	108
	Maijdee Court	000	9	8	18	02	96	03	2	038	80	5	2	5	2	0	73	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 5					115
	Comilla	000	0	7	18	05	96	03	6	047	76	4	4	0	0	0	76	80	178	8	7	18	05	96	02	6	061	77	7	4	4	/	/	75	73	— 7	— 3	67.8	+21.2	87.0	94
	Brahmanbaria	068	3	8	18	08	95	60	6	038	76	8	5	3	/	/	77	80	060	3	8	18	05	96	60	6	066	76	8	5	5	/	/	75	75	— —	— —	34.0	— 2.1	49.3	78
	Sylhet	024	9	7	00	00	96	61	6	036	77	6	4	4	2	0	77	80	090	9	8	18	13	95	56	61	077	76	7	3	4	2	/	76	73	— —	— —	92.7	—	121.6	—
	Srimangal	042	9	0	13	02	96	03	9	041	80	5	9	3	7	1	76	82	025	/	8	18	02	96	50	9	078	76	3	8	4	7	2	73	73	— 8	— 3	49.2	+ 7.1	70.6	98
Dacca	Mymensingh	000	0	8	00	00	96	03	2	037	78	8	6	4	/	/	77	87	130	6	8	13	02	96	60	6	058	75	8	6	4	0	/	75	73	— 0	— 5	48.6	— 5.0	63.7	91
	Narayanganj	022	1	8	18	02	95	51	6	031	78	8	7	3	/	/	76	78	169	3	8	18	02	97	03	6	060	79	8	6	3	/	0	78	76	— 9	— 3	38.9	+ 4.6	62.3	74
	Dacca (Tejgaon)	312	9	8	18	05	97	61	6	026	76	6	7	3	2	/	76	78	176	9	7	00	00	95	61	6	052	76	7	7	3	2	0	75	75	— —	— —	40.1	—	51.2	—
	Faridpur	040	0	8	20	02	96	61	6	023	76	7	5	4	2	0	73	80	167	3	8	20	05	97	02	2	051	80	5	4	5	1	0	77	76	— 7	— 3	32.1	— 2.0	45.8	71
Khulna	Barisal	027	2	8	24	03	96	60	6	039	76	5	6	3	7	/	76	77	019	3	8	23	02	95	60	6	041	75	7	4	5	2	2	75	//	— 10	/	—	—	—	81
	Khulna	011	0	8	23	04	97	03	0	036	76	4	2	4	0	4	//	78	365	9	0	00	00	97	03	0	022	79	4	2	4	0	0	32	73	— 9	— 5	35.6	— 0.6	41.7	68
	Satkhira	138	0	6	18	02	97	01	0	998	//	2	0	9	0	0	//	//	254	0	8	13	02	97	60	6	026	79	8	7	4	/	/	77	72	/ —	— 6	32.3	— 4.2	37.6	65
	Jessore	218	9	8	17	10	96	51	6	022	76	7	7	2	2	/	76	77	367	9	8	18	07	96	61	6	046	76	5	7	3	2	/	76	74	— —	— —	31.8	— 0.5	40.2	65
Rajshahi	Pabna	049	9	8	18	05	96	01	6	014	78	4	7	5	7	/	78	78	218	0	/	/	//	97	03	9	038	79	8	7	6	/	/	77	77	— —	— —	33.3	—	47.0	59
	Sirajgan	055	8	8	18	02	96	02	6	021	77	8	0	7	8	0	76	77	032	/	8	18	02	97	02	2	039	79	0	8	7	1	0	77	75	— 10	— 4	32.0	+ 0.5	39.6	64
	Rajshahi	027	9	8	18	03	95	03	6	004	78	8	7	4	/	/	77	82	269	9	8	13	03	95	03	9	028	79	8	7	5	/	0	77	77	— 6	— 2	93.4	+14.0	57.4	—
	Bogra	014	9	8	13	05	96	61	6	010	78	7	7	2	/	/	77	80	102	9	8	13	03	96	60	6	035	76	7	7	3	2	/	77	75	— 9	— 3	28.8	— 5.4	39.8	69
	Dinajpur	010	9	4	09	03	96	01	6	000	81	4	0	9	2	/	77	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 7					72
	Rangpur	024	8	7	13	02	96	21	6	959	82	7	6	6	0	0	78	85	036	9	7	13	05	96	21	6	000	82	7	6	6	0	0	70	78	— 4	+ 1	44.6	+ 2.0	63.3	84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Jail Rd.)	020	0	0	27	03	95	06	0	987	93	0	0	0	0	0	76	92	000	0	0	00	00	95	06	0	013	86	0	0	0	0	0	78	82	— 4	+ 4	12.4	+ 1.6	17.0	19
	Sialkot	130	0	0	20	18	96	00	0	000	95	0	0	9	0	0	78	//	000	0	2	00	00	97	00	0	015	80	0	0	9	0	0	63	//	/ /	/ /	7.0	—10.4	11.5	32
Rawalpindi	Jhelum	...																																							
	Islamabad	...																																							
	Rawalpindi	000	0	2	02	02	99	00	0	990	90	0	0	9	0	4	77	90	013	9	7	09	02	97	02	9	022	77	4	2	7	3	0	70	23	— 4	— 2	16.5	— 0.5	26.6	36
	Campbellpur	...																																							
Sargodha	Khushab	000	0	4	00	//	95	03	1	984	93	5	4	7	0	0	90	96	000	0	0	09	//	97	00	0	015	82	0	0	9	0	0	80	80	— 1	— 1	3.8	— 4.1	7.2	15
	Sargodha	000	0	4	13	07	95	06	1	979	93	4	8	6	0	0	76	96	000	0	4	03	02	95	06	1	010	85	2	5	6	3	0	68	79	— —		14.6	—	18.3	—
	Lyallpur	000	0	4	00	00	96	02	0	982	90	4	0	9	2	0	72	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3					12
Multan	Sahiwal	...																																							10
	Multan	000	0	4	13	05	96	03	0	983	95	1	0	9	3	4	72	96	000	0	1	23	05	96	05	0	010	85	1	0	9	3	0	75	80	— 2	— 2	8.0	+ 4.0	11.0	7
	Leiah	060	0	0	18	02	95	60	0	991	96	0	0	9	0	0	75	96	000	0	0	27	02	93	00	6	961	82	0	0	9	0	0	80	82	— —	— —	1.0	—	0.7	8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	976	96	0	0	9	0	0	72	00	000	0	0	23	03	96	02	0	012	80	0	0	9	0	0	70	77	— 3	— 4	0.2	— 4.1	1.1	6
	Bahawalpur	///	/	0	00	00	98	00	0	955	98	0	0	9	0	0	68	98	000	0	0	23	03	97	00	0	012	85	0	0	9	0	0	78	79	— —	— —	0.7	—	0.9	6
	Fort Abbas	...																																							8
Peshawar	Chakdra	000	0	7	36	02	97	03	0	974	87	7	3	7	0	0	72	90	020	0	2	05	03	98	01	0	012	91	0	0	9	0	0	73	70	— —	— —	3.0	—	12.4	—
	Peshawar	000	2	0	13	05	98	03	2	952	3	4	4	9	2	1	73	93	000	4	4	05	03	97	03	2	048	79	4	0	9	3	0	66	72	— —	— 0	4.0	+ 0.6	12.6	11
	Haripur	...																																							16.4
D. I. Khan	Bannu	800	0	7	09	01	98	04	2	981	90	6	2	7	0	8	68	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				11
	D. I. Khan	000	0	8	00	00	97	00	0	979	96	0	0	9	0	0	76	98	000	0	0	00	00	98	00	0	003	85	0	0	9	0	0	60	82	— 2	+ 1	1.6	— 2.7	4.1	9
Quetta	Sibi	000	0	0	18	03	97	02	0	965	02	0	0	9	0	0	56	03	000	0	0	18	03	97	02	0	002	86	0	0	9	0	0	48	85	— —	— —	0.2	—	0.2	5
	Nokkundi	000	0	0	31	16	95	05	0	959	99	0	0	9	0	0	43	99	000	0	0	31	21	96	02	0	999	83	0	0	9	0	0	36	79	— —	— —	0.0	—	0.3	2
Kalat	Turbat	000	0	3	23	02	96	00	1	888	94	0	0	9	0	0	72	94	000	0	0	23	02	96	00	0	909	78	0	0	9	0	0	71	//	— —	/ /	0.2	—	2.0	5
	Jiwani	000	0	3	18	10	96	01	1	023	83	3	6	5	0	0	69	85	000	0	7	18	03	96	03	2	052	79	7	6	5	0	0	79	79	— —	— —	0.0	—	0.0	6
	Pasni	000	0	0	25	18	97	02	0	029	05	0	0	9	0	0	75	89	090	0	4	31	06	97	02	0	061	79	4	0	9	0	0	73	66	— 0	— 9	0.0	— 0.8	0.0	6
Karachi division	Ormara	000	0	1	25	12	96	02	2	030	84	1	6	6	0	0	80	87	003	0	6	27	10	96	02	2	055	79	6	6	6	0	0	78	15	— —	— —	0.0	— 0.9	0.6	6
	Lasbela	///	0	3	18	05	96	00	0	002	97	0	0	8	0	0	72	00	///	0	6	00	00	97	00	0	034	79	0	0	7	0	0	73	70	— —	— —	0.7	—	0.7	8
	Karachi (Manora)	000	0	3	23	10	97	03	0	022	82	3	6	9	0	0	73	84	000	0	7	27	10	96	03	2	042	80	7	5	5	0	0	73	79	— 1	— 1	1.0	— 4.3	1.1	8
	Karachi (Airport)	000	0	7	23	12	96	03	2	025	83	7	6	5	0	0	71	86	000	0	7	25	10	96	03	2	042	79	7	6	5	0	0	72	78	— —	— —	1.5	—	1.5	—
Hyderabad	Nagarparkar	000	1	6	18	02	//	02	0	070	87	6	6	6	0	0	74	89	000	0	6	18	02	97	02	0	008	81	6	6	6	0	0	77	79	— —	— —	0.1	—	0.1	—
	Chhor	000	0	4	13	19	96	01	2	008	89	5	4	6	0	0	72	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				7
	Hyderabad	000	0	3	23	10	95	07	0	009	90	5	5	6	0	0	70	93	000	0	0	23	12	97	01	0	025	81	0	0	9	0	0	72	79	— 2	0	0.2	— 4.9	0.3	9
	Badin	000	0	9	23	12	96	03	0	033	90	0	0	9	9	8	71	90	000	0	9	23	07	96	00	1	043	78	0	0	9	0	0	74	76	— 2	—	0.3	— 5.4	0.3	9
Khairpur	Padidan	000	0	0	18	05	96	02	0	975	01	0	0	9	0	0	67	03	000	0	0	18	05	97	02	0	010	82	0	0	9	0	0	72	78	— —	— —	0.0	—	0.0	4
	Nawabshah	000	0	0	18	12	96	02	0	985	99	0	0	9	0	0	74	01	000	0	0	18	09	96	06	0	008	82	0	0	9	0	0	75	78	— —	— —	1.0	—	1.1	—
	Sukkur	000	0	0	13	03	96	02	0	971	00	0	0	9	0	0	74	03	000	0	0	20	09	96	02	0	008	80	0	0	9	0	0	73	78	— —	— —	0.0	—	0.0	4
	Kashmore	...																																							20
unagadh	Jacobaba	060	0	0	13	09	97	02	0	977	97	0	0	9	0	0	83	98	000	0	0	09	07	96	02	0	001	83	0	0	9	0	0	76	79	— 5	— 2	0.5	— 1.6	0.8	26
	Veraval	...																																							—
	HILL STATIONS																																								
Kashmir	Srinagar **	...																																							71
	Gulmarg **	...																																							26
	Sonamarg **	...																																							
	Dras **	...																																							3
	Leh **	...																																							6
	Skardu **	...																																							
	Misgar **	...																																							5
	Allabad **	...																																							50
	Gilgit **	...																																							
Rawalpindi	Murree *	...																																							29
Peshawar	Drosh *	...																																							
	Cherat *	...																																							
	Kalkul *	...																																							
	Landikotal *	...																																							
	Prachinar *	...																																							
D.I. Khan	Miranshah *	...																																							
	Wana *	...																																							
Quetta	Fort Sandeman *	...																																							
	Hindubagh *	...																																							
	Loralai *	...																																							
	Barkhan *	...																																							
	Harnai *	...																																							
	Samungli (Quetta) *	...																																							
	Chaman *	...																																							
	Nushki *	...																																							
	Dalbandin *	...																																							
Kalat	Kalat *	...																																							
	Khuzdar *	...																																							
	Panjgur *	...																																							

† Given in Code.

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

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

RRR at 0300 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 21st AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV w_w W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_gt_g	$8N_sCh_sh_s$	$OT_xT_xT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Zeland	99 2 38	10 6 72	20 0 63	80 6 12	98 0 22	05 9 27	44 4 8/		74 2 05		0/ / 24	12 6 87	30 4 03	24 0 04
Kampala	99 2 26	10 6 83	20 0 63	52 8 12	56 0 22	07 0 27	33 4 47		73 4 00		00 0 24	...	30 2 82	28 0 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
		PoPoPo ToToTo DoDo	hhh TTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	003 244 15	...	440 179 05	123 098 13	587 029 17	761 127 56	974 255 50	255 491 / /	...	...	...	...	...
Dacca ...	00 00	003 250 15	...	400 144 29	055 090 / /	575 087 / /	...	...	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	004 270 56	...	400 164 83	019 050 11	562 125 / /	789 211 / /	948 351 / /	218 495 / /	...	...	...	...	...
Multan ...	00 00	998 314 56	...	400 284 60	457 200 59	596 050 / /	076 045 / /	003 061 / /	316 141 / /	...	...	...	...	...
Peshawar ...	00 00	611 245 10	...	400 224 31	061 114 45	/// /// / /	753 145 / /	/// /// / /	253 391 / /	...	...	...	...	...
Quetta ...	00 00	815 192 61	...	...	091 124 / /	582 067 / /	751 183 / /	...	...	...	...	...	...	...
Sargodha ...	00 00	987 240 56	...	480 220 56	090 094 51	/// /// / /	753 185 / /	964 285 / /	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT Ta DD							Max. Wind Speed	TROPOPAUSE	
									PmPmPm dmdm fmfmfm	$P_cT_cP_cT_cT_{ac}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 210 04	800 146 08	600 034 17	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 168 24	800 130 32	600 008 / /	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hundreds tens and units of millibars.
DD - Dew point depression.

hhh—(heights) –Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T† of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd fff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	...	...	No	Ascent	...	...	...	...	...	...	No	Ascent	...	...	...	160 15	180 19	...							...	...
Chakla ...	...	175 06	195 29	210 06	270 02	235 22	180 04	...	...	...	130 11	/ /0 03	115 00	180 07	...	...	125 02	185 07	220 04	330 02	235 / /	305 07	335 10	340 10	...	...
Chhor ...	215 28	220 23	235 20	...	240 17	...	...	...	...	215 17	262 16	...	...	...	...	235 16	240 19								...	...
Chittagong ...	125 20	125 20	170 18	170 17	...	...	...	...	...							135 12	135 17	170 21	180 23	...	...	...	...	...	...	...
Cox's Bazar ...	190 13	205 12	230 15	...	...	...	...	...	...	165 20	175 22	180 21	210 22	...	...										...	...
Dacca ...	...	...	No	Ascent	...	...	...	...	...	125 25	155 29	210 31		215 12	...	180 08	190 12	205 12	225 12	250 15	...	...	...	...	...	...
Daikandin ...	...	...	225 11	235 09	270 07	260 06	270 19	260 27	260 28	...	...	345 10	315 10	/// //	315 09		...	225 05	120 03	345 05	275 06	255 04	270 09	260 14	...	...
D. I. Khan ...	160 07	162 01	150 06	140 01	140 07	...	...	...	...	065 09	070 06	400 01	190 02	150 05	245 07	025 01	165 01	130 02	135 04	150 06	...	...	...	...	...	...
Dresh ...	...	...	...	250 01	220 04	310 01	350 07	335 07	285 08	...	...	...	...	...	...	...	...	...	050 03	060 04	010 08	315 21	300 19	285 20	...	...
Fore Sandeman ...	...	...	...	081 19	115 18	230 05	280 23	275 20	274 19	...	...	...	055 05	225 07	305 16	...	...	...	060 04	010 08	315 21	300 19	285 20	...	...	...
Jacobabad ...	160 17	165 13	/// //	185 12	220 08	/00 7/	325 12	230 15	225 13	190 14	215 08	170 08	055 03	330 06	310 / /	125 15	145 16	120 16	120 12	115 08	035 07	055 17	060 09	360 07	...	...
Jessore ...	...	No	Ascent	...	...	...	...	...	...	No	Ascent					220 10	335 16	240 18	240 23	240 27	...	...	...	...	...	...
Jhelum ...	100 02	150 04	165 05	200 04	240 06	320 10	...	...	...	095 05	170 05	170 04	230 02	240 02	...	125 05	130 07	145 04	210 03	110 02	335 04	350 08	...	...	...	...
Jiwani ...	185 10	140 08	140 05	310 06	275 07	005 19	300 10	275 10	300 09	185 06	190 07	180 06	...	...	...	160 04									...	...
Karachi ...	250 13	250 15	260 10													270 26	275 23	285 16								
Khanpur ...	245 05	190 04	190 07	170 10	165 09	/10 09	040 12	265 25	295 27	235 08	240 09	250 12	240 08	210 05	185 04	205 10	200 08	220 08	220 12	165 12	075 15	040 21	020 13	330 23	...	...
Lahore ...										205 03	215 05	250 05	245 06	195 02	130 02	085 03	105 03	105 03	100 04	115 04	300 04	315 04	305 13	305 12	...	...
Multan ...	160 09	170 10	175 12	055 07	055 07	205 05	275 08	265 18	270 21	130 10	140 02	330 05	320 07	320 07	290 06	245 25	265 17	240 13	240 08	120 10	100 22	080 52	045 11	035 15	...	...
Nawab Shah ...	215 10	130 27	185 06	010 03	020 04	305 05	260 11	250 10	265 09	260 13	280 03	020 03	335 13	310 11	080 01	295 02	030 04	110 05	355 07	340 08	177 05	...	...	...	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...															...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	360 08	285 07	185 07	205 05	315 / /	...	...	355 23	355 21	307 02	290 07	300 09	275 10	255 11	...	...
Quetta ...	...	...	...	...	260 02	265 04	275 08	295 14	295 19							...	...		...	155 03	215 06	220 09	235 15	260 18	...	...
Sargodha ...	155 22	130 06	125 25	175 2/	220 09	...	...	...	...	105 03	223 13	205 32	160 22	065 06	290 06	130 04	145 / /	135 / /	C85 / /	C60 05	3/3 15	...	...	...	...	...
Sylhet ...	No	Ascent	...	...	...	...	...	...	...	145 14	151 22	160 27	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...						...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	23.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	250 34	265 28	265 25	275 25	315 17	315 11	271 11	360 07	360 10	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

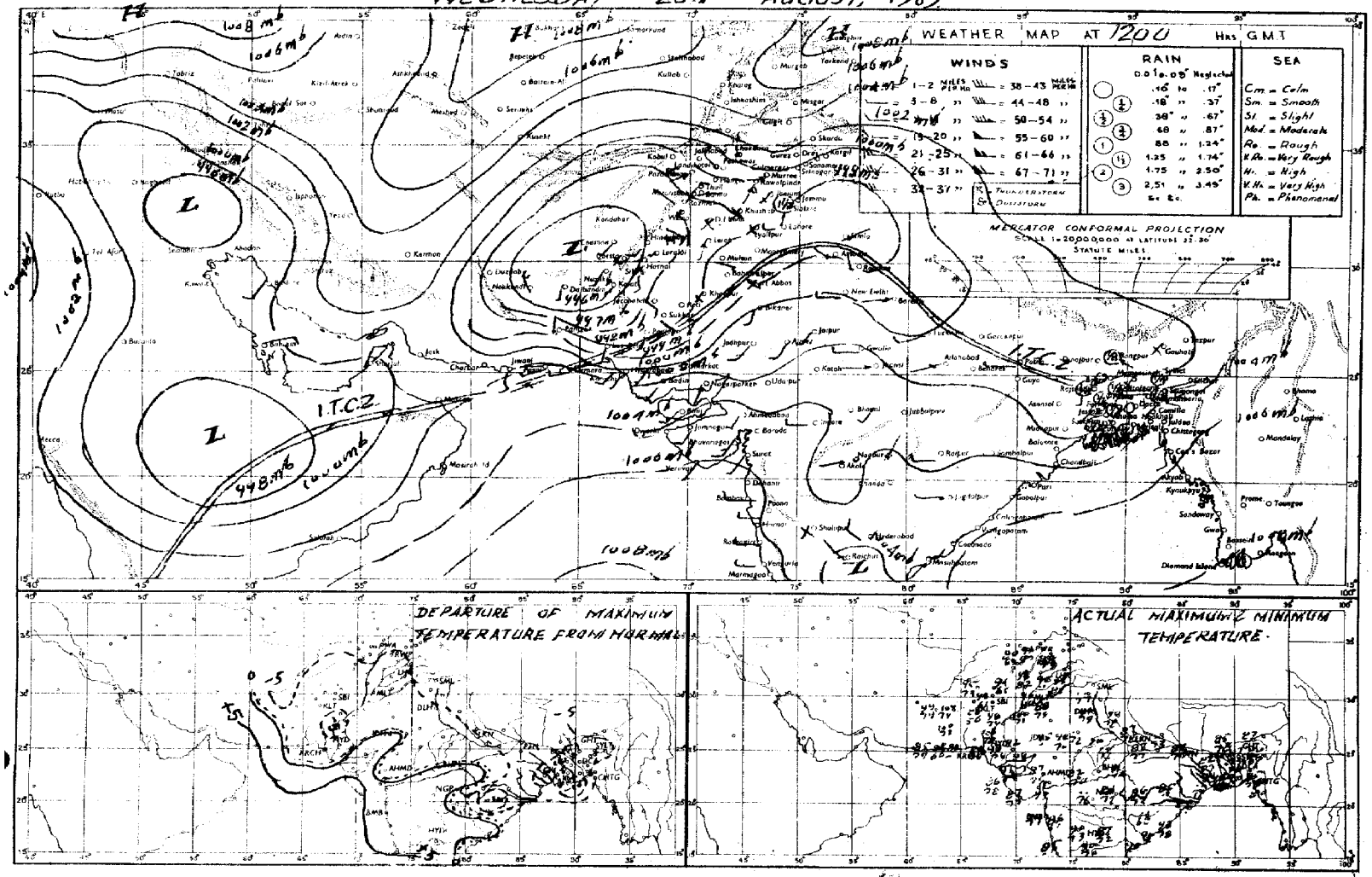
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

Cloud observation Data (IIIii Cdd V. V. etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

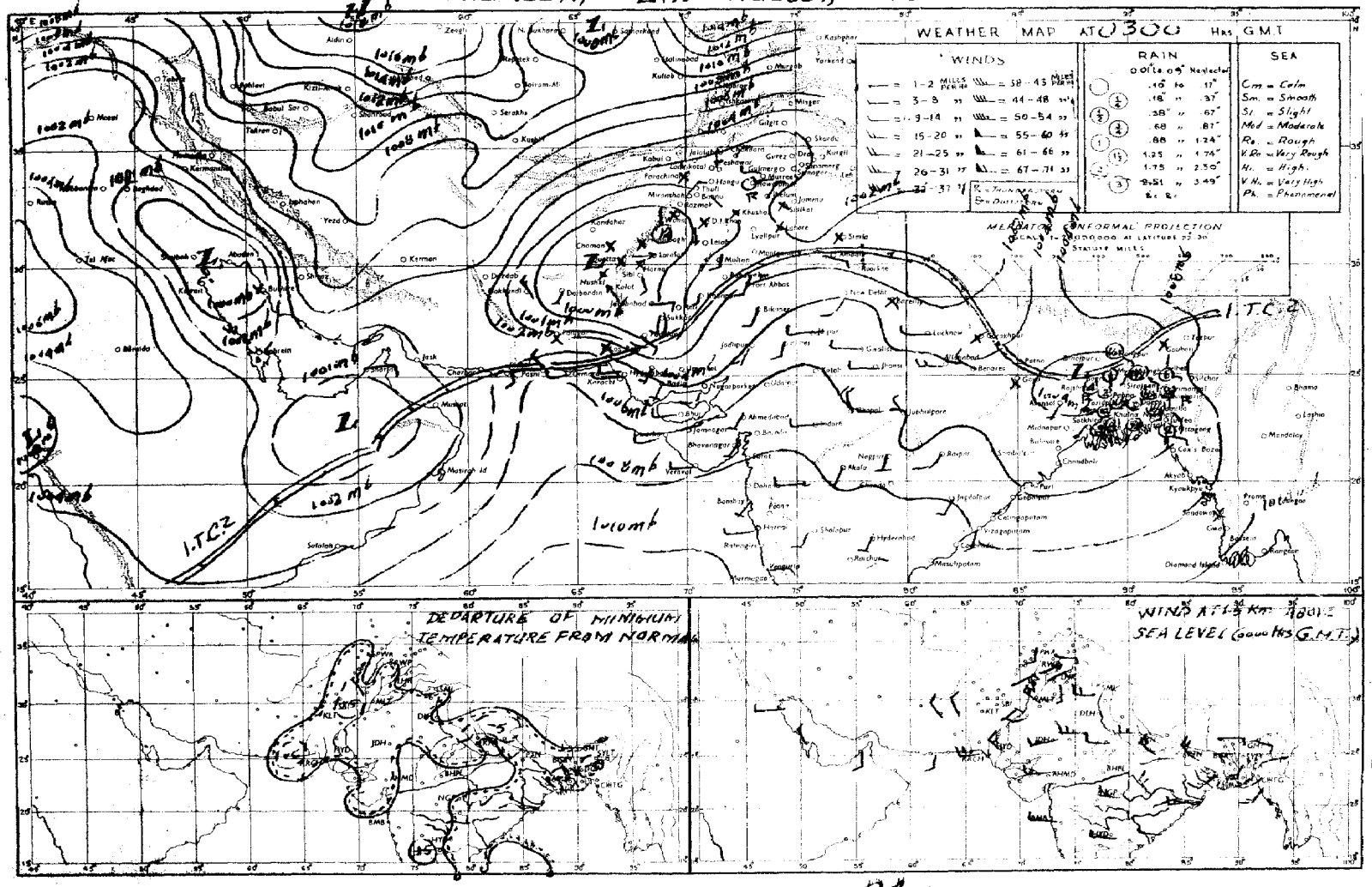
WEDNESDAY 20th AUGUST, 1969



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 21st AUGUST, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 22nd AUGUST 1969.

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

A well marked low pressure area lies over West Bengal. Monsoon has been active over East Pakistan. Widespread rain/thundershowers have occurred in Dacca and Khulna division and fairly widespread in Chittagong and Rajshahi divisions. The seasonal trough of low pressure lies over Kalat and Khairpur divisions. Fairly widespread rain/thundershowers have occurred in Sargodha division, local in Peshawar division and scattered in Rawalpindi and Quetta divisions and a few thunderstorms or light showers in Lahore and D. I. Khan divisions.

Chief amounts of rainfall are: Khulna and Satkhira 2" each, Maijdee Court and Bogra 1½" each, Jessore and Pabna 1" each, Çox's Bazar, Mymensingh and Sargodha 3/4" each, Rangamati, Chittagong, Sylhet, Dinajpur, Rangpur, Kakul and Harnai ½" each and Dacca, Faridpur, Barisal, Rajshahi, Murree, Lyallpur, Cherat and Parachinar ½" each.

Day temperatures were 3—8 °F (2—4 °C) below normal in East Pakistan and in D. I. Khan, Quetta and Khairpur divisions.

Forecast valid until the evening of 23rd August 1969 :—Fairly widespread rain/thundershowers are likely to occur in East Pakistan and scattered thunderstorm/showers in Quetta Rawalpindi, Lahore, Multan, Peshawar, D. I. Khan and Sargodha divisions.

Karachi-11
The 22nd August, 1969.

(ZARIF AHMED)
for Director, Meteorological Service.

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	045	5	7	08	09	98	02	6	062	77	5	3	5	/	/	75	82
	Cox's Bazar ...	072	6	7	18	12	95	03	6	059	77	5	3	2	2	/	75	85
	Chittagong ...	046	9	7	18	07	96	60	6	059	76	5	7	3	2	0	75	82
	Maijdee Court ...	...	..	..	...	...	...	...	..	...	..	...	...	..	..	..	..	..
	Comilla ...	000	0	6	18	05	96	02	2	045	75	6	4	5	0	0	77	80
	Brahmanbaria ...	...	..	..	..	...	..	...	..	...	...	...	..	..	..	..	...	..
	Sylhet ...	025	9	6	00	00	96	02	6	044	77	5	4	4	2	0	75	79
	Srimangal ...	000	9	6	09	03	96	02	9	036	80	3	9	5	2	/	75	82
Dacca	Mymensingh ...																	
	Narayanganj ...	092	/	7	18	07	96	93	2	036	79	5	6	4	3	/	75	80
	Dacca (Tezgaon) ...	022	1	7	18	05	97	22	6	037	80	4	0	4	2	0	77	//
	Faridpur ...	003	0	6	20	02	96	02	2	026	85	4	4	5	1	0	78	85
Khulna	Barisal ...	003	0	8	18	02	96	03	2	038	76	7	4	5	2	0	77	82
	Khulna ...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
	Satkhira ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore ...	012	5	7	13	07	97	02	6	017	79	2	5	4	3	0	78	85
Rajshahi	Pabna ...	070	6	8	13	05	96	60	6	015	80	7	8	5	/	/	79	84
	Sirajganj ...	000	0	8	10	32	97	02	2	032	80	8	0	7	8	0	79	83
	Rajshahi ...	009	9	6	13	07	95	03	6	015	80	6	7	5	/	/	77	83
	Bogra ...	123	9	8	13	05	95	63	6	022	77	6	7	3	2	/	77	80
	Dinajpur ...	010	9	8	09	03	96	53	5	009	79	8	7	6	/	/	77	79
	Rangpur ...	020	7	7	13	05	96	03	6	000	82	7	6	6	0	0	79	85
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	2	00	00	95	06	5	987	95	1	1	6	2	0	68	95
	Sialkot ...	000	0	0	00	00	97	00	0	990	99	0	0	7	2	5	80	//
Rawalpindi	Jhelum ...	000	4	6	00	00	96	67	9	989	89	/	/	/	/	/	78	93
	Islamabad ...																	
	Rawalpindi ...	000	3	5	00	00	99	03	9	989	87	0	0	9	0	6	73	91
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	8	09	//	95	03	0	973	86	6	5	8	0	0	82	94
	Sargodha ...	001	3	7	05	02	96	95	7	984	84	1	9	6	0	0	75	96
	Lyallpur ...	000	3	5	36	02	96	17	9	993	91	5	9	7	0	0	73	96
Multan	Sahiwal ...																	
	Multan ...	000	0	4	18	00	96	05	0	981	96	2	0	9	3	1	73	99
	Leiah ...	000	0	0	23	01	95	00	0	935	99	0	0	9	0	0	79	//
Bahawalpur	Khanpur ...	000	0	0	00	00	97	02	0	976	99	0	0	9	0	0	69	00
	Bahawalpur ...	000	0	0	00	00	96	00	0	979	96	0	0		8	0	65	00
	Fort Abbas ...	///	/	0	23	02	98	00	0	977	96	8	0	9	0	0	81	96
Peshawar	Chakdra ...	000	0	7	36	02	97	03	0	955	//	7	3	7	0	0	73	94
	Peshawar ...	000	1	7	31	03	97	95	9	990	84	5	8	6	0	0	65	96
	Haripur ...	000	0	0	13	03	97	00	0	989	91	8	0	9	0	8	67	91
D. I. Khan	Bannu ...	000	0	8	23	01	97	17	9	978	//	7	3	6	1	0	69	//
	D. I. Khan ...	000	0	0	00	00	98	00	0	979	96	0	0	9	0	0	75	97
Quetta	Sibi ...	000	0	0	18	03	97	02	0	965	04	0	0	9	0	0	56	05
	Nokkundi ...	000	0	0	31	07	96	05	0	959	99	0	0	9	0	0	36	00
Kalat	Turbat ...	000	0	0	18	02	96	00	0	882	98	0	0	9	0	0	70	98
	Jiwani ...	000	0	6	18	10	96	01	2	024	83	6	6	5	0	0	71	85
	Pasni ...	000	0	0	25	14	97	00	0	023	85	0	0	0	0	0	75	88
Karachi division	Ormara ...	000	0	1	27	//	96	02	2	041	83	1	6	6	0	0	79	87
	Lasbela ...	///	0	2	13	03	97	00	0	999	97	0	0	8	0	0	74	02
	Karachi (Manora) ...	000	0	2	25	09	97	01	0	024	82	2	6	4	0	0	72	84
	Karachi (Airport) ...	000	0	7	27	12	96	02	2	023	84	7	6	5	0	0	71	86
Hyderabad	Nagarparkar ...	000	0	6	05	02	97	02	0	058	94	0	6	6	0	0	75	95
	Chhor ...	000	0	4	23	14	//	//	/	003	89	4	6	5	0	0	71	91
	Hyderabad ...	000	0	0	23	10	97	02	0	002	93	0	0	9	0	0	67	//
	Badin ...	000	0	4	23	10	96	03	0	034	89	0	0	9	0	4	76	89
Khairpur	Padidan ...	000	0	0	13	03	96	20	0	974	03	0	0	9	0	0	69	04
	Nawabshah ...	000	0	0	18	05	96	06	0	983	01	0	0	9	0	0	77	03
	Sukkur ...	000	0	0	31	05	96	20	/	973	82	0	0	9	0	0	74	01
	Kashmore ...	000	0	0	18	02	98	02	0	993	95	0	0	9	0	0	75	97
	Jacobabad ...	000	0	1	08	07	97	02	0	777	99	0	0	9	0	0	80	99
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ..	009	3	7	31	02	97	02	9	441	//	7	5	4	0	0	54	68
Peshawar	Drosh * ...																	
	Cherat * ...	000	0	7	18	05	96	03	2	439	77	7	3	6	0	0	69	84
	Kakul * ...	000	1	4	13	05	97	17	9	436	82	4	3	4	0	0	62	82
	Landikotal * ...	000	0	6	31	05	58	03	2	388	82	6	7	6	/	/	79	84
	Prachinar * ...	029	5	4	16	09	98	29	9	442	68	2	5	6	5	0	55	79
D.I. Khan	Miranshah * ...	034	0	8	05	05	97	98	0	417	75	8	0	9	0	0	56	81
	Wana * ...	000	0	1	13	05	98	00	0	414	82	0	0	9	0	0	68	87
Quetta	Fort Sandeman * ...	000	2	5	13	09	97	03	1	412	87	3	5	7	3	0	38	92
	Hindubagh * ...	000	0	8	07	03	94	05	0	396	92	8	2	5	0	0	63	95
	Loralai * ...	000	0	0	18	02	98	00	0	390	95	0	0	9	0	0	66	97
	Barkhan * ...																	
	Harnai * ...	000	0	8	00	00	96	03	2	414	98	0	3	7	0	0	59	95
	Samungli (Quetta) * ...	000	0	1	27	09	95	05	0	410	87	1	6	6	0	0	59	94
	Chaman * ...	000	0	0	23	05	97	00	0	424	93	0	0	9	0	0	33	94
	Nushki * ...	000	0	0	23	03	95	05	0	486	97	0	0	9	0	0	68	98
	Dalbandin * ...	000	0	0	20	35	95	05	0	442	99	0	0	9	0	0	21	01
Kalat	Kalat * ...	000	0	0	27	02	96	02	0	404	83	0	0	9	0	0	56	86
	Khuzdar * ...	000	0	0	27	03	96	05	0	406	95	0	0	9	0	0	//	//
	Panjgur * ...	000	0	0	31	02	96	02	0	443	98	0	0	9	0	0	50	99

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 clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati ...	045	0	3	23	03	98	01	1	106	82	1	2	7	3	1	75	74	—	—	77.0	—	83.5	—
	Cox's Bazar ...	072	9	4	13	12	97	01	1	092	82	1	2	5	3	0	77	74	0	— 2	63.0	—24.4	70.7	140
	Chittagong ...	047	9	3	13	09	96	01	2	092	82	3	0	9	3	0	75	82	— 4	+ 6	39.1	—20.6	92.3	108
	Maijdee Court ...	150	9	8	13	05	96	03	2	086	82	5	5	5	2	1	75	//	/	/	98.7	+36.5	110.8	115
	Comilla ...	008	0	4	18	05	96	02	1	079	82	4	4	7	0	0	82	79	— 7	+ 3	67.8	+20.6	87.0	94
	Brahmanbaria ...	025	0	2	13	05	97	03	1	087	82	2	5	5	0	0	75	75	—	—	33.6	— 2.4	43.3	78
	Sylhet ...	039	9	8	00	00	96	02	6	069	79	3	4	4	2	/	75	73	—	—	93.1	—	122.0	—
	Srimangal ...	075	9	6	13	02	97	02	2	093	80	6	5	4	0	0	77	75	— 8	— 3	49.3	+ 5.1	64.5	98
Dacca	Mymensingh ...																							91
	Narayanganj ...	000	0	8	13	02	97	03	2	079	80	8	6	3	/	/	77	75	— 8	— 4	38.9	+ 4.2	62.3	74
	Dacca (Tezgaon) ...	022	9	8	13	09	97	21	2	081	80	6	6	3	2	/	77	76	/	—	40.3	—	51.4	—
	Faridpur ...	031	3	8	16	02	97	60	2	064	80	5	4	5	1	0	77	75	— 2	— 4	32.4	+ 2.3	46.1	71
Khulna	Barisal ...	010	2	8	18	//	96	02	6	076	80	6	8	4	1	0	79	76	— 5	— 2	—	—	—	81
	Khulna ...	200	9	4	00	00	97	03	0	064	79	0	4	4	0	4	//	76		— 2	37.6	+ 0.8	43.7	68
	Satkhira ...	198	0	6	18	00	97	01	0	071	80	2	3	9	0	/	79	79		— 1	34.3	+ 0.3	39.6	65
	Jessore ...	170	9	7	15	05	97	02	6	069	79	7	7	2	2	0	79	75	—	—	33.0	+ 0.3	41.4	65
Rajshahi	Pabna ...	113	9	8	13	05	97	01	6	071	79	8	7	6	/	/	//	77	—	—	34.4	—	48.2	59
	Sirajganj ...	000	0	8	07	02	97	02	2	075	79	8	0	7	1	0	79	78	— 4	— 1	32.0	+ 0.1	39.7	64
	Rajshahi ...	019	9	7	13	03	95	03	6	067	80	7	7	5	/	/	75	77	— 5	— 2	43.6	+13.8	57.6	—
	Bogra ...	149	6	8	09	03	96	61	6	071	79	7	7	3	2	/	77	77	— 8	— 1	30.3	— 4.4	41.3	69
	Dinajpur ...	058	2	8	07	05	96	58	6	062	79	8	7	6	/	/	77	77	— 9	— 1	—	—	—	72
	Rangpur ...	041	9	0	07	05	96	03	6	061	80	7	5	6	0	0	75	78	— 4	+ 1	45.1	+ 2.0	63.7	84
Kashmir	Jammu ...																							—
Lahore	Lahore (Jail Rd.) ...	000	8	0	23	02	96	02	6	038	80	0	0	9	0	0	72	75	— 2	— 3	12.4	+ 1.4	17.0	19
	Sialkot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	/					32
Rawalpindi	Jhelum ...	000	7	0	31	02	98	02	9	037	80	0	0	9	0	0	72	74	—	—	19.2	—	27.5	—
	Islamabad ...																							—
	Rawalpindi ...	000	9	0	27	02	98	00	9	049	76	0	0	9	0	0	66	70	— 2	— 5	16.5	— 0.8	26.6	36
	Campbellpur ...																							—
Sargodha	Khushab ...	000	0	0	00	00	97	00	0	036	76	0	0	9	0	0	75	75	— 5	— 6	3.8	— 4.3	7.2	15
	Sargodha ...	071	0	1	05	02	97	03	0	042	77	1	0	9	3	0	72	70	—	—	15.4	—	19.0	—
	Lyallpur ...	025	9	4	00	00	96	02	9	046	79	4	0	9	4	0	73	69	— 1	— 10	4.6	— 2.2	///	12
Multan	Sahiwal ...																							10
	Multan ...	000	0	4	36	03	97	03	0	038	82	2	0	9	3	1	73	79	+ 1	— 3	6.0	+ 3.8	11.0	7
	Leiah ...	000	0	0	27	02	93	00	0	978	82	0	0	9	8	0	80	80	—	—	1.0	—	0.7	8
Bahawalpur	Khanpur ...	000	0	0	23	03	97	02	0	030	82	0	0	9	0	0	70	77	— 3	— 4	0.2	— 4.2	1.1	6
	Bahawalpur ...	000	0	0	00	00	96	00	0	030	85	0		9	0	0	73	80	0	0	0.7	— 3.2	2.0	6
	Fort Abbas ...	000	0	0	23	02	98	00	0	032	87	0	0	9	0	0	78	75	—	—	0.7	—	0.8	8
Peshawar	Chakdra ...	000	0	1	00	00	98	01	0	039	72	0	0	9	0	9	66	66	—	—	3.0	—	12.4	—
	Peshawar ...	000	0	1	00	00	97	03	0	056	82	2	0	9	3	1	63	72	— 1	— 5	4.0	+ 0.6	12.6	11
	Haripur ...	000	0	0	05	03	98	00	0	070	76	0	0	9	0	0	66	68	—	—	6.2	—	16.4	—
D. I. Khan	Bannu ...	000	0	5	05	01	98	02	1	052	76	0	0	9	6	0	70	//	/	/	0.6	—	4.5	11
	D. I. Khan ...	000	0	0	00	00	98	00	0	050	80	0	0	9	8	0	70	75	— 3	— 6	1.6	— 2.7	4.1	9
Quetta	Sibi ...	000	0	2	27	03	97	03	1	018	85	2	0	9	0	2	62	82	—	—	0.2	—	0.2	5
	Nokkundi ...	000	0	0	31	05	97	02	0	017	79	0	0	9	0	0	31	76	—	—	0.0	—	0.3	2
Kalat	Turbat ...	000	0	0	23	02	96	00	0	///	80	0	0	9	0	0	71	24	—	—	0.2	—	0.2	—
	Jiwani ...	000	0	7	13	07	96	02	2	052	79	7	6	5	0	0	71	78	—	—	0.0	—	2.0	5
	Pasni ...	000	0	4	24	04	97	02	0	061	78	4	0	9	0	0	75	63	— 1	— 12	0.0	— 0.8	0.0	6
Karachi division	Ormara ...	000	0	6	27	07	96	06	6	063	79	6	6	6	0	0	78	15	—	—	0.0	— 0.8	0.6	6
	Lasbela ...	///	0	3	00	00	98	00	0	097	79	0	0	8	0	0	72	69	—	—	0.7	—	0.7	8
	Karachi (Manora) ...	000	0	5	27	09	96	03	0	050	78	2	6	4	0	0	73	77	— 1	— 1	1.0	— 4.2	1.1	8
	Karachi (Airport) ...	000	0	3	27	05	96	01	2	056	79	3	6	5	0	0	73	77	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar ...	000	0	6	05	02	97	02	0	091	87	6	6	6	0	0	74	79	—	—	0.1	—	0.1	—
	Chhor ...	000	0	0	23	14	//	//	/	042	79	0	0	9	0	0	71	76	—	—	0.2	—	0.3	7
	Hyderabad ...	000	0	0	23	09	97	02	0	048	81	0	0	9	0	0	71	79	+ 2	— 1	0.2	— 5.0	0.3	9
	Badin ...	000	0	0	23	07	96	02	0	049	78	0	0	9	0	0	72	77	— 1	—	0.3	— 5.4	0.3	—
Khairpur	Padidan ...	000	0	0	13	05	97	02	0	028	82	0	0	9	0	0	70	78	—	—	0.8	—	0.8	—
	Nawabshah ...	000	0	0	13	02	96	02	0	026	81	0	0	9	0	0	75	76	—	—	1.0	—	1.1	4
	Sukkur ...	000	0	0	16	05	96	02	0	027	82	0	0	9	0	0	72	79	—	—	0.0	—	0.0	—
	Kashmore ...	000	0	0	09	02	98	02	0	022	81	0	0	9	0	0	74	80	—	—	—	—	—	4
	Jacobabad ...	000	0	0	09	07	96	02	0	028	85	0	0	9	0	0	76	82	— 4	+ 1	0.5	— 1.6	0.8	10
Junagadh	Veraval ...																							26
	HILL STATIONS																							—
Kashmir	Srinagar * ...																							71
	Gulmarg ** ...																							26
	Sonamarg ** ...																							
	Dras ** ...																							3
	Leh ** ...																							6
	Skardu * ...																							—
	Misgar ** ...																							—
	Aliabad * ...																							5
	Gilgit * ...																							59
Rawalpindi	Murree * ..	026	9	2	13	03	98	01	9	464	66	0	0	9	0	0	52	54	— 2	— 2	14.4	—13.1	32.0	18
Peshawar	Drosh * ...																							29
	Cherat * ...	031	9	4	00	00	97	01	0	464	66	4	1	7	0	0	50	//	— 2	/	3.1	— 5.5	13.4	—
	Kakul * ...	044	0	5	13	03	99	01	2	462	70	4	5	6	3	0	63	60	—	—	14.0	—	24.7	—
	Landikotal * ...	000	0	4	05	05	98	01	1	448	//	4	3	9	3	0	77	75	—	—	2.0	—	12.5	29
	Prachinar * ...	029	6	0	00	00	98	02	0	472	66	7	0	9	0	0	56	59	— 6	— 5	5.5	—	16.1	13
D.I. Khan	Miranshah * ...	000	0	4	05	05	98	02	0	380	82	4	0	9	0	0	72	75	—	—	0.5	— 3.1	2.0	11
	Wana * ...	000	0	0	00	00	99	00	0	455	72	0	0	0	0	0	52	66	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman * ...	000	0	3	05	02	96	05	2	441	74	0	0	9	3	0	58	71	— 5	— 2	2.0	— 2.3	6.3	—
	Hindubagh * ...	000	0	7	27	02	95	03	0	423	74	7	2	6	0	0	41	62	—	—	2.7	—	6.0	9
	Loralai * ...	000	0	0	27	02	98	00	0	398	75	0	0	9	0	6	//	//	—	/	0.6	—	0.6	—
	Barkhan * ...																							14
	Harnai * ...	000	0	8	00	00	96	03	2	442	77	0	0	8	0	5	61	//	—	/	2.7	— 3.1	4.5	9
	Samungli (Quetta) * ...	000	0	1	00	00	96	05	1	457	71	1	0	9	1	0	55	65	—	—	0.5	— 0.5	3.1	8
	Chaman * ...	000	0	0	13	03	97	00	0	431	77	0	0	9	0	0	53	74	— 3	+ 4	2.1	+ 2.0	4.7	—
	Nushki * ...	000	0	0	36	07	95	05	0	491	81	0	0	9	0	0	49	77	—	—	0.5	—	2.6	4
	Dalbandin * ...	000	0	0	13	03	95	05	0	444	80	0	0	9	0	0	30	70	— 4	+ 1	0.0	— 0.2	0.5	7
Kalat	Kalat * ...	000	0	0	16	02	97	02	0	444	67	0	0	9	0	0	48	55	— 2	— 1	0.8	— 0.3	2.2	—
	Khuzdar * ...	000	0	0	23	02	96	01	0	443	73	0	0	9	0	0	62	71	+ 1	—	1.6	—	3.0	5
	Panjgur * ...	000	0	0	00	00	96	02	0	547	74	0	0	9	0	0	63	71	+ 1	—	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 22nd AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	$7RR t_Rt_R$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
British Reliance	99 2 20	10 6 22	21 0 63	62 1 20	98 0 11	06 2 79	44 6 3/							

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
		PoPoPo ToToTo DoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	004 246 15	...	520 184 28	129 112 56	588 033 29	762 137 60	974 295 58	025 /// //	...	...	...	...	...
Dacca ...	00 00	005 260 11	...	400 170 49	100 086 48	583 045 56	756 139 57	970 297 59	248 491 7/	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	019 250 28	...	500 160 52	164 050 //	563 071 //	725 121 //	947 305 //	226 481 //	...	...	...	...	...
Multan ...	00 00	588 258 36	...	350 215 68	586 /60 15	583 111 //	731 201 77	940 291 //	216 461 //	...	...	...	...	...
Peshawar ...	00 00	964 222 40	...	400 198 46	088 134 4/	584 013 //	757 125 //	973 217 //	263 863 //	...	...	...	...	...
Quetta ...														
Sargodha ...	00 00	990 270 40	...	700 201 56	/// /// //	/// /// //	758 125 //	968 311 //	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.									Max. Wind Speed	TROPOPAUSE	
		PPP TT T_a DD									PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 210 40	800 160 27	/// /// //	350 203 80	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 204 45	800 144 86	600 026 28	350 209 57	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T.† of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T.† of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T.† of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	...		No	Ascent	...					..	No	Ascent	...	...		145 19	145 32	...				...	...		...	...
Chakla'a ...		115 //	/// //	110 07	140 05	245 04	..		...		280 02	085 08	205 06	210 07	281 07	...	250 05	245 03	140 01	095 04	290 03	255 08	275 09	260 10	..	...
Chhor ...	225 14	220 18	230 22	...	...		...	...	..	215 21	215 27	205 19	190 06	145 04	325 01	230 29	235 33	240 34	...		...	...	...	...	...	..
Chittagong ...	200 11	200 15	195 15	...	...	...	...	...	...					...	...	170 09	165 1/	155 23	155 19	165 13		...		...	...	..
Cox's Bazar ...	183 08	180 12	220 13	215 10	...	...	..	..	..	170 18	170 15	180 15	200 12	215 10	..	170 21	170 20	170 21	1/0 26	/51 2/	210 //	250 10	/// //	245 08	...	...
Dacca ...	195 23	180 13	180 17	195 23	205 13	180 13	170 11	...	...	140 23	160 23	170 22		180 17		160 24	175 25	185 24							..	...
Dalbandin ...		...	250 05	230 07	260 04	205 4/	280 13	265 21	255 28	...	..	280 05	010 09	06/ 03	160 00	...	...	045 02	060 03	105 04	125 05	055 06	295 03	305 07	...	...
D. I. Khan ...	120 03	100 05	105 06	125 08	150 03	...	...	...	...	325 06	020 10	035 11	035 07	125 02	210 04	045 04	070 07	100 07	065 04	060 03	165 03	320 05	315 10	345 08	...	...
Drosh ..	...	...	...	...		...	...	...	...		...	...		...	...	..	...	...	...	...		...				...
Fort Sandeman ...	...	...	...	145 13	125 09	195 10	275 19	270 28	245 25	...	...	.	050 07	228 08	300 17	...	...	...	065 13	050 03	225 03	300 10	310 12	305 19	...	...
Jacobabad ...	...	...	...	...		...	...	...	...	135 08	145 08	170 06	240 03	280 05	230 12	300 13	095 20	100 21	101 13	105 05	005 05	005 19	015 11	095 06	..	...
Jessore .	165 17	165 22	200 29	215 18	235 08	...	...	...	...		...	...				190 10	195 11	195 13	200 18	205 19	...	...	...		...	..
Jhelum ...	220 04	160 57	/// //	170 08	190 0/	240 //	...		...	015 08	085 13	100 17	080 08	065 01	315 08	290 02	030 02	080 01	090 05	050 03	330 08	290 11	290 12	280 12	...	...
Jiwani .	195 27	190 21	190 14	—	...	...	...	...	...	135 04	140 03	160 03	...		...				...	...	...	...	...	...	...	...
Karachi ...	255 16	260 16	265 17	...	...		...	...	...	...						270 10	270 14	275 14	...	...	...			...		...
Khanpur ...	25/ 47	250 07	215 08	185 09	210 04	160 10	/// //	155 10	235 03	235 08	250 08	255 08	260 11	245 08	180 10	200 08	255 09	265 08	270 09	170 06	120 19	060 27	020 27	045 18	.	...
Lahore ..	120 04	165 03	205 03	265 07	245 0/	320 05	010 07	315 06	...	055 10	050 10	0?0 04	295 01	295 02	330 05	255 07	260 07	280 05	250 05	225 05	200 02	005 04	045 04	075 05	...	...
Multan ...	145 09	155 11	155 11	160 10	130 09	140 00	005 03	...	.	075 13	070 04	100 05	300 08	320 09	290 01	360 09	360 12	080 10	080 09	140 19	125 1/	015 09	045 12	045 08	...	...
Nawab Shah ..	175 06	195 06	205 05	345 04	325 06	270 05	275 12	260 16	230 12	160 07	125 01	055 03	330 05	340 04	285 13	120 04	095 08	075 09	060 10	025 08	280 05	200 15	205 10	230 15	...	.
Panjgur ...	...	-	-	...	...	...	...	...	...	...	...	...	...	...		...	...	...			...	...	...		...	...
Peshawar ...		330 09	345 10	325 17	220 12				...	..	230 12	040 25	075 01	075 10	160 12	...	045 02	080 01	115 05	080 02	270 03	285 12	250 19	250 17	...	...
Quetta ...	...			...	270 14	210 01	250 17	245 17	230 24						...	...	...	—	...	175 08	235 11	255 21	245 19	240 32	...	..
Sargodha ...	110 11	155 18	145 17	170 09	335 17	277 57	...	...	...	065 12	075 02	045 04	240 10	315 10	..	040 2/	215 03	210 01	310 04	025 02	3?0 07	240 09	240 30	225 34	...	...
Sylhet ...	150 06	185 12	..	...	...	...	...	...	...	175 0/	180 0/	180 15	...	...	...	105 05	145 07	180 08	175 11	185 10	200 13	.	...	..	.	...
Veraval ...	...	...	...	...	...	..	...	...	...	...			..	.		...	...	...	..	...		...	...	...	...	...

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

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

Height in g p. Kms. a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ... Dacca ... F.R. Sargodha ... Karachi .. Peshawar ... Quetta	260 19	260 15	275 17	295 16	325 15	015 10	195 06	210 11	210 14	...	...	...	..	.	..	...	...	...

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

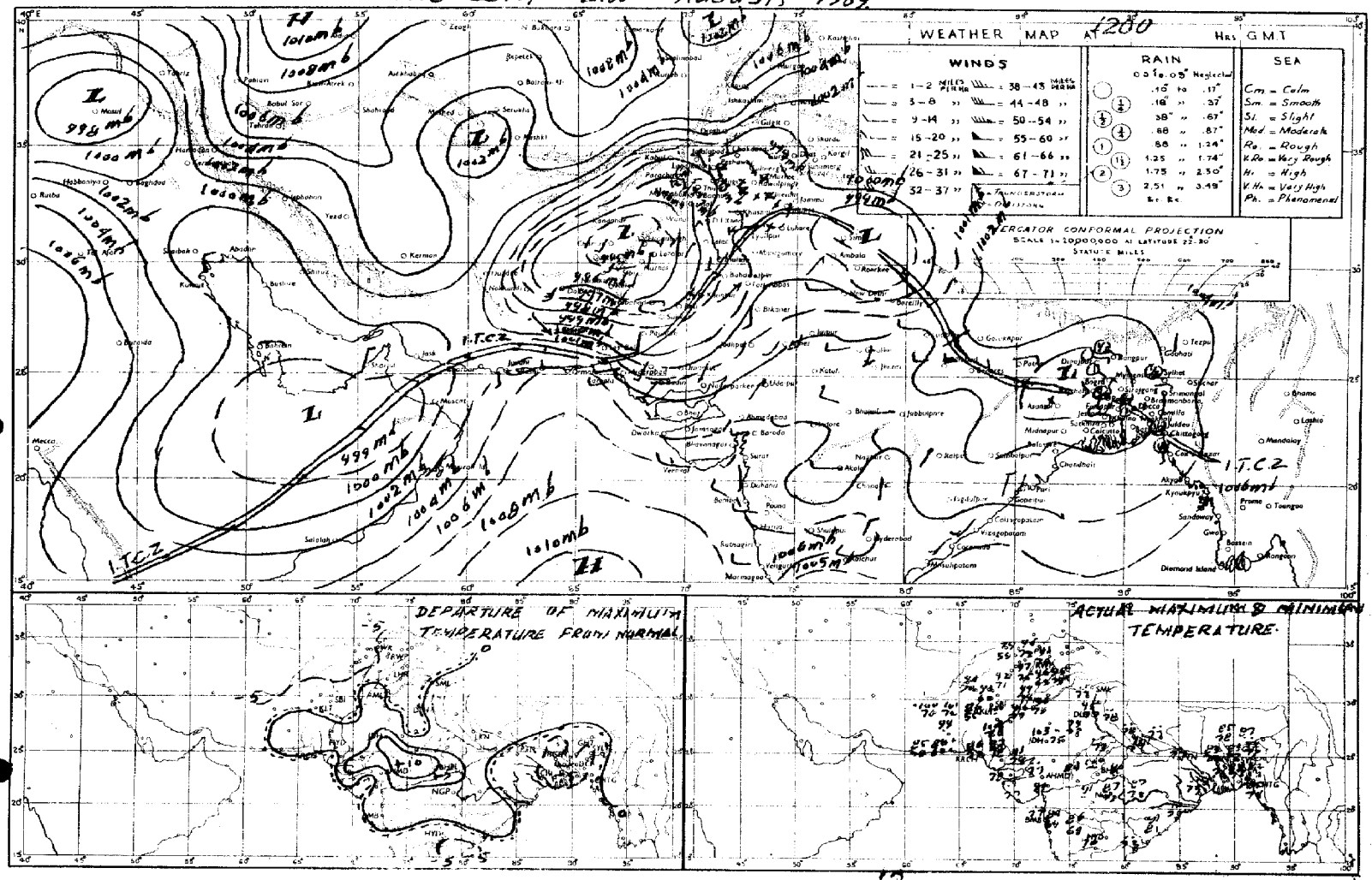
fff—Wind speed in knots.

Cloud observation Data (IIIii Cdd V. V. etc.)

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

PAKISTAN DAILY WEATHER MAP

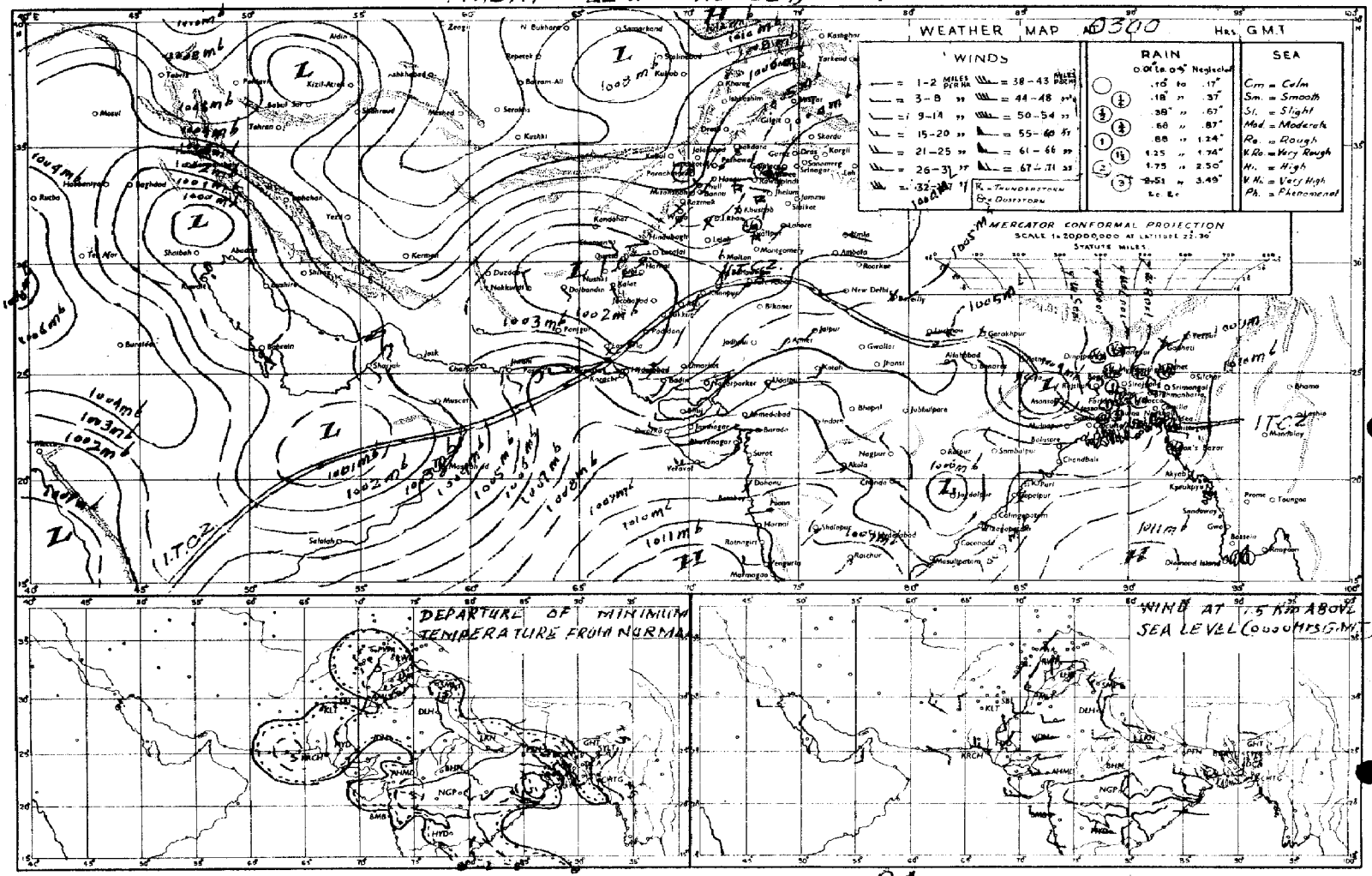
THURSDAY 21st AUGUST, 1969



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 22nd AUGUST, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SATURDAY THE 23rd AUGUST 1969.

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

Yesterday's well marked low pressure area over West Bengal now lies as a trough of low. Rain/thundershowers have been fairly widespread in Dacca division, local in Chittagong and Rajshahi divisions and scattered in Khulna division. The seasonal trough of low pressure lies over Quetta division and neighbourhood. Scattered rain/thundershowers have occurred in Quetta division. A few falls of light rain/drizzle have also been reported from Bahawalpur, Peshawar and Khairpur divisions.

Chief amounts of rainfall are : Barisal 2", Sylhet 1", Dinajpur 3/4", Narayanganj, Harnai, Dacca and Bogra ½" each, Maijdee Court, Brahmanbaria, Mymensingh, Rajshahi and Rangpur ¼" each.

Day temperatures were 3—6 °F (2—3 °C) below normal in Dacca, Khulna, Rajshahi, Bahawalpur, D. I. Khan, Quetta and Khairpur division and 8—9 °F (4—5 °C) so in Sargodha and Peshawar divisions, and 3—5 °F (2—3 °C) above normal in Chittagong and Hyderabad division.

Forecast valid until the evening of 24th August 1969 :—Rain/thundershowers will be local in Chittagong division and scattered elsewhere over East Pakistan and in Lahore and Multan divisions.

Karachi-11
The 23rd August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 °F	Amount of Lowest Cloud †	Low Cloud from †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud from †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths) *	Dry Bulb temperature	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	h	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	000	0	4	18	05	98	01		078	90	2	3	7	7	1	77	87	000	0	6	18	02	98	02	2	124	82	3	7	5	2	/	79	79	—	—	77.0	—	83.5	—
	Cox's Bazar	000	0	6	18	09	97	03	1	070	82	5	5	4	3	0	78	85	000	0	6	18	02	97	03	2	109	82	4	4	4	3	0	77	77	— 0	— 1	63.0	—25.1	70.7	140
	Chittagong	000	0	6	23	07	96	02	2	070	82	2	8	4	8	1	77	90	000	0	7	13	02	96	02	2	114	82	3	3	4	2	0	77	77	+ 1	— 1	39.1	—20.6	92.3	108
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	030	9	5	18	05	97	02	6	007	82	3	3	2	5	/	79	79	—	+ 1	99.0	+36.0	111.1	115
	Comilla	000	0	5	18	05	96	02	...	065	85	...	...	...	...	...	76	86	040	0	3	18	05	96	02	0	107	84	3	4	7	0	0	77	77	— 1	+ 3	67.8	+20.1	87.0	54
	Brahmanbaria	021	0	5	13	02	96	62	0	061	80	5	5	5	0	0	78	87	026	0	4	18	03	97	03	1	108	82	4	5	5	0	0	77	77	—	—	34.0	— 2.5	43.6	78
	Sylhet	019	1	8	27	05	96	62	6	067	77	6	3	4	2	/	76	86	113	9	8	13	05	95	17	9	106	77	6	3	3	2	/	77	76	—	—	54.2	—	123.3	—
	Srimangal	000	4	2	00	00	96	01	5	057	80	0	0	0	9	2	/	77	90	031	8	6	00	00	97	02	7	109	81	6	5	4	0	0	79	79	0 —	3	49.6	+ 4.8	64.8	98
Dacca	Mymensingh	015	2	6	00	00	97	02	6	065	82	6	5	4	8	0	78	85	///	0	6	00	00	97	02	2	109	80	6	5	4	0	0	78	76	— 2	— 2	49.3	+ 4.5	64.5	91
	Narayanganj	060	3	8	23	02	96	05	6	060	78	8	6	3	7	0	76	82	060	0	4	23	02	97	03	2	///	84	3	6	4	0	0	79	79	— 6	—	39.5	+ 4.3	63.0	74
	Dacca (Tejgaon)	050	3	7	18	02	97	62	9	059	78	5	8	4	7	0	78	84	050	9	5	18	05	97	03	2	104	82	4	8	4	0	1	79	77	—	—	40.7	—	51.8	—
	Faridpur	015	0	5	18	02	97	02	6	048	80	4	5	5	1	0	78	82	015	0	2	16	02	97	01	1	095	84	2	3	6	0	0	79	75	— 5	— 4	32.4	— 0.5	46.2	71
Khulna	Barisal	218	1	7	00	00	96	02	6	059	78	5	4	4	1	0	78	85	218	9	5	18	04	97	02	6	101	81	4	8	4	7	0	79	79	— 2	— 1	—	—	—	81
	Khulna	030	0	4	18	05	97	03	0	050	82	2	2	4	0	0	78	82	000	0	4	00	00	97	03	0	563	84	0	4	4	0	0	81	79	— 6	+ 1	37.6	+ 0.5	43.7	68
	Satkhira	000	0	6	18	02	96	01	0	047	85	2	3	9	0	1	76	85	500	1	6	18	03	97	01	0	958	86	5	3	9	0	1	79	79	— 3	+ 1	34.3	— 0.1	39.6	65
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	21	08	97	03	0	097	82	6	4	5	0	0	77	78	33.0	— 0.1	41.4	65
Rajshahi	Pabna	000	0	7	13	02	97	01	2	047	82	7	8	6	0	0	78	85	000	9	2	23	02	99	01	9	097	84	2	2	7	0	0	79	79	—	—	34.4	—	48.2	59
	Sirajganj	000	0	6	18	02	97	02	2	056	80	6	0	7	6	0	77	80	010	9	6	18	02	98	01	2	099	82	6	2	6	0	0	79	69	— 7	— 10	32.1	— 0.3	39.7	64
	Rajshahi	033	9	5	09	02	95	03	6	052	87	5	3	5	0	0	78	96	022	9	5	13	03	96	03	1	098	82	5	5	5	0	0	79	79	+ 8	—	43.8	+13.7	57.8	—
	Bogra	016	0	8	13	03	96	03	2	052	82	7	8	4	3	/	78	82	056	0	5	07	02	96	02	6	097	82	5	8	4	3	0	77	79	— 6	+ /	30.8	— 4.4	41.8	69
	Dinajpur	022	7	2	09	02	96	01	6	042	82	2	0	9	4	/	78	82	084	3	5	09	02	96	01	1	094	84	5	0	9	2	/	77	79	— 7	+ /	—	—	—	72
	Rangpur	020	3	4	00	00	96	01	6	050	85	5	2	6	1	0	79	85	023	5	0	11	02	96	03	6	074	84	5	5	6	1	0	79	79	— 4	+ 2	45.3	+ 1.7	64.0	84
Kashmir	Jammu																																								
Lahore	Lahore (Intl Rd.)	000	0	3	31	02	96	02	0	018	91	1	1	6	7	0	73	95	000	0	0	00	00	95	06	0	048	86	0	0	9	0	0	73	81	— 2	+ 3	12.4	+ 1.2	17.0	19
	Sialkot																																								32
Rawalpindi	Jhelum	000	0	0	19	02	98	01	0	019	93	0	0	9	0	0	67	95	000	0	3	00	00	97	02	0	052	//	8	0	9	0	2	75	77	—	—	19.2	—	27.5	—
	Islamabad																																								—
	Rawalpindi	000	0	0	00	00	99	00	0	032	90	0	0	9	0	0	70	91	000	0	0	09	02	98	00	0	052	80	0	0	9	0	0	70	73	— 2	— 2	16.6	— 1.1	26.6	36
	Campbellpur																																								—
Sargodha	Khushab	000	0	0	00	00	97	00	0	021	90	0	0	9	0	0	85	90	000	0	0	00	00	97	00	0	092	//	0	0	9	0	0	79	81	— 9	0	3.8	— 4.5	7.2	15
	Sargodha	000	0	0	36	03	97	01	0	024	90	0	0	9	0	0	76	91	000	0	1	09	02	96	04	0	052	82	1	0	9	3	1	77	77	— —	—	15.4	—	19.0	—
	Lyallpur	000	0	0	26	02	96	00	0	022	87	0	0	9	0	0	67	91	000	0	0	00	00	96	00	0	944	82	0	0	9	0	0	75	81	— 6	+ 2	4.6	— 2.3	7.6	12
																																								10
Multan	Sahiwal	000	0	3	00	00	97	03	0	009	96	2	0	9	1	1	76	98	000	0	0	32	01	97	01	0	049	86	0	0	9	8	4	73	81	0	— 1	8.0	+ 3.8	11.0	7
	Multan	000	0	0	27	01	95	00	0	956	98	0	0	9	0	0	77	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
	Leiah																																								—
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	002	96	0	0	9	0	0	72	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 5	...	...	...	6
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	9	/	//	//	95	00	6	050	84	0	0	9	0	0	75	//	—	/	0.7	— 3.2	3.0	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	///	/	0	00	00	98	00	0	850	87	0	0	9	0	0	77	79	—	—	0.7	—	0.8	8
Peshawar	Chakdra	000	0	0	36	02	97	01	0	004	87	0	0	9	0	0	68	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
	Peshawar	000	0	1	09	05	97	02	0	024	91	1	0	9	3	0	68	93	000	0	7	36	02	97	03	1	060	79	/	—	9	3	1	69	75	— 4	— 2	4.0	+ 0.5	12.6	—
	Haripur	000	0	0	23	03	97	00	0	098	90	0	0	9	0	0	68	93	000	0	0	05	03	98	00	0	065	87	0	0	9	0	0	77	73	— —	— —	6.2	—	19.4	—
																																								11
D. I. Khan	Bannu	000	0	0	00	00	98	00	0	076	93	0	0	9	0	0	67	93	000	0	0	00	00	98	00	0	051	82	0	0	9	0	0	75	81	— 7	0	1.6	— 2.8	4.1	9
	D. I. Khan																																								—
Quetta	Sibi	000	0	2	18	03	97	03	1	005	03	0	2	9	2	0	56	04	000	0	0	18	03	97	02	0	057	83	0	0	9	0	0	56	82	— —	— —	0.2	—	0.2	5
	Nokkundi	000	0	0	31	05	97	02	0	963	03	0	0	9	0	0	24	03	000	0	0	31	02	96	02	0	040	77	0	0	9	0	0	27	73	— —	— —	0.0	—	0.3	2
Kalat	Turbat	000	0	0	23	02	96	00	0	905	96	0	0	9	0	0	71	96	000	0	0	23	02	96	00	0	924	80	0	0	9	0	0	69	23	— —	— —	0.2	—	0.2	5
	Jiwani	000	0	3	18	09	96	01	1	040	83	3	6	5	0	0	71	85	000	0	6	13	03	96	02	2	076	79	6	6	5	0	0	69	76	— —	— —	0.0	—	2.0	5
	Pasni	000	0	4	25	18	97	02	0	058	85	4	0	0	0	0	75	88	000	0	0	23	02	97	02	0	081	78	0	0	9	0	0	72	64	— 1	— 1	0.0	— 0.8	0.0	6
Karachi division	Ormara	000	0	1	27	16	96	02	2	053	83	1	6	6	0	0	77	85	000	0	1	27	10	96	02	2	081	79	1	6	6	0	0	78	15	— —	— —	0.0	— 0.8	0.6	6
	Lasbela	000	0	0	18	04	97	00	0	018	93	0	0	8	8	0	76	01	///	/	4	00	00	98	00	0	070	77	0	0	8	0	0	71	//	— —	— /	0.0	—	0.8	8
	Karachi (Manora)	000	0	2	27	10	97	03	0	032	83	2	6	4	8	0	72	84	000	0	0	27	07	96	02	0	067	82	0	0	9	0	0	73	77	— —	— —	1.0	— 4.3	1.1	8
	Karachi (Airport)	000	0	1	23	09	96	01	1	029	85	1	6	5	0	0	70	86	000	0	0	27	09	96	02	/	066	80	0	0	9	0	0	72	77	— —	— —	1.5	—	1.5	—
Hyderabad	Nagarparkar	000	0	6	05	00	97	02	0	989	40	0	6	6	0	0	75	95	000	0	6	18	02	97	02	0	018	00	0	0	9	0	0	73	77	— —	— —	0.1	—	0.1	7
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	23	07	96	02	0	064	79	0	0	9	0	0	72	75	— —	— —	0.2	—	0.3	7
	Hyderabad	000	0	4	23	05	97	02	0	011	97	0	0	9	0	0	69	00	000	0	0	23	02	97	02	0	067	82	0	0	9	0	0	70	78	+ 5	— 1	0.2	— 5.0	0.3	9
	Badin	000	0	4	23	12	96	03	0	025	91	0	0	9	0	4	69	92	000	0	0	23	03	96	03	0	068	78	0	0	9	0	0	72	77	— —	— —	0.3	— 5.4	0.3	—
Khairpur	Padidan	000	0	0	13	05	96	03	0	997	02	2	0	9	3	1	88	03	000	0	0	13	03	96	02	0	055	86	0	0	9	0	0	74	80	— —	— —	0.8	—	0.8	—
	Nawabshah	000	0	0	13	04	96	05	0	010	99	0	0	9	0	0	73	02	000	0	0	08	00	96	06	1	065	84	0	0	9	0	0	76	71	— —	— —	1.0	—	1.1	4
	Sukkur	000	0	0	23	05	96	02	0	990	00	0	0	9	0	0	74	01	/	/	0	05	10	//	00	0	053	86	/	/	9	/	/	73	78	— —	— —	0.0	—	0.1	4
	Kashmore	000	0	0	09	02	98	02	0	001	96	0	0	9	0	0	74	98	000	0	0	00	00	96	02	0	048	86	0	0	9	0	0	74	79	— —	— —	0.0	—	0.0	20
	Jacobabad	000	0	0	16	07	96	02	0	047	96	0	0	9	0	0	75	97	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 6	...	...	...	...	26
unagadh	Veraval																																								—
	HILL STATIONS																																								71
Kashmir	Srinagar **																																								26
	Gulmarg **																																								—
	Sonamarg **																																								2
	Dras **																																								6
	Leh **																																								—
	Skardu **																																								—
	Pingar **																																								5
	Allabad **																																								50
	Gilgit **																																								—
Rawalpindi	Murree *	000	0	7	27	03	98	02	1	469	68	5	1	4	5	0	60	73	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3	...	...	...	...	18
Peshawar	Drosh	000	0	7	23	10	96	02	1	393	85	7	8	7	0	0	43	93	000	0	1	00	00	98	02	0	492	69	4	/	/	0	9	64	— —	— 7	2.2	—	13.4	29
	Chitral	000	0	0	18	01	98	02	1	466	80	4	2	9	0	0	70	82	000	0	0	00	00	97	00	0	490	67	0	0	9	0	0	60	//	— 4	+ 6	2.1	— 5.7	13.4	—
	Kakul	000	0	4	27	07	98	01	1	462	80	4	2	5	0	0	64	82	000	0	3	23	02	98	03	0	486	73	0	0	9	0	0	62	65	— —	— —	14.0	—	24.7	—
	Landikotal	000	0	6	31	05	98	03	2	388	82	7	5	9	0	0	78	85	000	8	6	31	10	97	01	2	434	77	6	3	9	3	0	73	73	— —	— —	2.0	—	12.5	29
	Parachinar	033	3	8	23	03	97	15	9	480	70	5	9	6	2	/	78	49	77	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 8	...	...	...	...	13
D.I. Khan	Mirenshah	000	0	8	09	02	97	03	0	439	85	8	8	9	0	0	58	85	000	0	4	05	05	98	02	0	402	73	4	0	9	0	0	56	70	— —	— —	—	—	—	11
	Wana	000	0	0	00	00	98	00	0	418	93	0	0	0	0	0	68	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
Quetta	Fort Sandeman	000	2	7	05	14	96	17	1	448	79	5	9	7	3	0	45	91	000	0	1	23	02	97	02	0	481	72	0	0	9	1	0	68	68	— 6	— 5	2.0	— 2.8	6.3	—
	Hindubagh	000	0	7	07	05	97	05	0	396	92	7	2	5	0	0	63	93	000	0	0	26	02	96	02	0	426	72	0	0	9	0	0	43	60	— —	— —	2.7	—	6.0	9
	Loralai	000	0	4	27	02	98	01	0	390	96	0	1	8	0	4	65	97	000	0	0	18	02	98	00	0	680	75	0	0	9	0	0	65	56	— —	— —	0.6	—	2.6	—
	Barkhan																																								14
	Harnai	000	0	8	00	00	96	03	2	436	89	0	5	7	0	0	63	90	000	0	0	00	00	96	02	0	422	77	0	0	9	0	0	61	//	— /	— /	2.7	— 3.2	4.5	9
	Samungli (Quetta) **	000	0	4	27	05	96	05	0	438	89	4	4	6	0	0	40	93	000	0	0	13	05	96	05	0	475	71	0	0	9	0	0	60	61	— —	— —	0.5	— 2.3	3.1	8
	Chaman **	000	0	0	23	03	97	00	0	443	92	0	0	9	0	0	50	93	000	0	0	13	03	92	00	0	431	77	0	0	9	0	0	53	//	— 4	+ 6	2.1	+ 2.0	4.8	—
	Nushki **	000	0	0	36	03	95	00	0	486	97	0	0	9	0	0	68	98	000	0	0	09	05	95	05	0	484	83	0	0	9	0	0	52	80	— —	— —	0.5	—	2.6	4
	Dalbandin **	000	0	0	23	03	95	05	0	450	00	0	0	9	0	0	35	02	000	0	0	00	00	95	05	0	472	82	0	0	9	0	0	52	71	— —	+ 2	0.0	— 0.2	0.5	7
Kalat	Kalat **	000	0	4	09	02	95	03	1	432	77	0	8	9	0	0	60	87	000	0	0	13	02	97	02	0	478	65	0	0	9	0	0	51	55	— 1	— 1	0.8	— 0.3	2.2	5
	Khuzdar **	000	0	4	13	07	96	02	0	438	85	4	5	9	0	0	48	94	000	0	0	13	02	96	95	0	488	75	0	0	9	0	0	54	72	+ 1	+ 1	1.6	—	3.0	5
	Panjgur **	000	0	1	00	08	96	03	0	457	98	1	7	7	0	0	57	99	000	0	0	00	00	96	02	0	475	78	0	0	9	0	0	64	71	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

SATURDAY THE 23rd AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_Lh_CC_M$	D_sV_sa PP	7RR t_at_a	$8N_sCh_sh_s$	$OT_xT_xT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Texacodeinburgh	99 2 41	10 5 83	22 0 63	62 9 01	99 0 10	05 6 86	51 5 00	33 1 11			07 / 80	18 0 00	30 2 01	09 4 02

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
		$P_oP_oP_o$ $T_oT_oT_o$ D_oD_o	hhh TTT$_s$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	076 250 68	...	470 186 09	135 096 26	585 061 05	756 161 27	967 305 50	244 503 / /	..	...	...	...	...
Dacca	00 00	007 270 14	...	470 194 46	146 116 50	588 043 56	761 135 57	975 271 59	254 477 / /	...	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	037 270 40	...	300 200 30	123 070 / /	577 085 / /	746 181 / /	956 305 / /	234 461 / /	...	...	...	...	...
Multan	00 00	990 276 50	...	470 210 56	092 008 83	587 091 / /	748 275 / /	943 431 / /		...	...	...	...	...
Peshawar	00 00	164 244 45	...	485 244 50	121 130 56	585 053 / /	758 155 / /	969 275 / /	252 485 / /	...	...	...	...	...
Quetta	00 00	818 196 57	...	..	..	583 107 / /	750 243 / /	955 339 / /	...	...	...	...	...	...
Sargodha	00 00	989 274 40	...	500 270 56	196 114 50	589 095 / /	759 181 / /	967 275 / /	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.							Max. Wind Speed	TROPOPAUSE		
		PPP TT T_s DD							PmPmPm dmdm fmfmfm	$P_xT_xP_xT_xT_{ax}$	dt dt ft ft ft	
16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Chittagong	00 00	900 204 07	800 144 20	...	...	...	...	...	...	...	...	...	...	
Dacca	00 00	900 239 20	800 160 50	600 048 57	...	...	...	...	...	...	...	...	...	
Gilgit														
Jiwani														
Karachi	00 00	...	...	...	...	...	...	...	...	...	...	...	...	
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...	
Peshawar	00 00	...	...	...	...	...	...	...	...	...	...	...	...	
Quetta	00 00	...	...	...	...	...	...	...	...	...	...	...	...	
Sargodha	00 00	...	...	...	...	...	...	...	...	...	...	...	...	

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.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date(dd fff)						At 0600 hrs. G.M.T. † of date (dd fff)										
	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	3.4	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	145 17	170 19	170 19	180 12	...	...	...	...	...	205 11	...	...	...	...	...	195 12	205 09	200 11	...	200 12	...	...	...	...	...	...
Chakla's	...	575 02	220 01	175 02	135 04	270 08	295 08	...	245 25	...	088 05	015 03	205 03	030 01	315 12	...	100 5/	125 05	065 04	355 06	270 03	290 10	285 10	015 06	...	...
Chhor	220 07	225 06	240 07	...	...	...	...	...	...	245 17	260 16	245 07	075 14	045 07	075 08	210 10	200 09	230 03	220 08	055 07	025 06	230 09	235 07	200 09	...	...
Chittagong	195 13	165 16	190 15	165 13	170 15	220 04	...	...	...	...	...	...	...	...	...	185 04	175 03	150 01	...	140 02	...	...	...	...	...	...
Cox's Bazar	205 11	210 12	220 13	...	...	...	...	...	...	180 03	200 05	270 07	205 07	225 07	230 05	230 02	205 01	175 11	220 02	220 03	215 04	145 04	125 06	...	...	...
Dacca	180 18	185 18	190 19	...	...	...	...	...	...	195 15	215 12	225 12	...	225 09	...	2 5 08	215 09	200 10	230 10	235 12	250 12	...	...	...	...	...
Dalbandin	...	...	295 05	330 01	060 02	010 05	280 04	260 09	245 20	...	...	125 09	140 15	105 06	200 02	...	...	...	150 02	245 64	200 03	070 03	355 05	...	245 06	...
D. I. Khan	040 06	080 06	...	160 09	175 07	170 06	170 02	275 03	265 05	145 03	155 01	325 01	025 02	280 02	3 5 04	135 02	155 02	175 02	240 02	285 10	345 04	005 05	300 5'	3 5 05	...	...
Drosh	...	...	No	Ascent	...	...	...	...	...	...	...	...	205 01	350 03	030 03	...	...	...	150 01	225 01	165 01	155 05	330 02	240 05	230 15	220 27
Fort Sandeman	...	...	...	015 05	070 02	055 05	...	...	...	...	...	...	215 03	245 03	240 07	...	...	...	325 01	150 02	315 05	320 11	320 16	320 19	...	...
Jacobabad	150 10	145 08	150 9/	141 07	140 06	130 07	070 07	040 09	040 05	345 07	355 08	010 01	030 05	015 2/	120 03	205 24	160 04	225 04	225 03	155 03	005 08	355 07	025 16	025 15	...	...
Jessore	195 12	195 13	210 13	225 08	215 09	220 13	230 17	...	...	205 11	205 15	215 17	245 12	250 11	260 12	...	...	...	...	...	...	...	...	...	...	...
Jhelum	215 02	075 03	025 03	360 01	350 01	025 04	320 10	280 17	315 10	070 08	340 04	295 02	260 03	532 05	325 02	055 01	390 02	290 02	300 05	285 06	315 08	320 10	305 15	295 17	...	...
Jiwani	175 15	150 10	095 08	115 08	115 05	070 08	035 10	360 10	335 08	095 07	105 06	120 05	...	...	...	105 07	120 08	135 06	...	...	...	...	...	...	...	...
Karachi	255 08	270 11	015 08	070 11	035 02	105 03	270 16	245 12	240 10	...	...	...	...	...	...	270 14	255 10	335 05	045 03	055 03	080 03	025 21	030 20	050 22	...	...
Khanpur	065 04	360 04	105 08	125 15	105 10	080 09	075 10	130 05	130 13	245 15	220 06	185 03	170 07	030 15	...	...	...	...	...	...	...	...	...	...	...	...
Lahore	350 07	350 07	345 04	175 03	210 05	305 11	275 05	...	...	140 06	160 07	160 05	210 05	745 06	230 05	...	...	...	...	...	...	...	...	...	...	...
Multan	015 05	015 06	015 05	120 08	130 13	120 88	085 08	155 11	260 08	115 10	115 09	115 07	030 02	035 03	115 05	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah	120 06	120 08	110 07	085 50	045 03	350 03	...	...	...	000 04	020 04	020 04	055 14	085 11	..	360 03	345 03	060 04	065 06	065 08	065 05	220 / /	...	...	...	...
Panjgar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	035 04	150 03	185 01	185 03	265 03	225 06	230 11	235 15	..	010 06	020 06	350 04	360 03	235 04	...	045 03	030 01	015 03	015 02	265 04	340 08	245 15	245 20	...	...
Quetta	...	...	...	...	170 13	...	230 14	...	...	...	...	...	...	...	...	...	...	...	...	165 08	1 5 13	225 23	235 30	245 33	...	...
Sargodha	025 03	015 03	350 04	310 08	220 04	175 04	325 04	240 04	250 09	325 02	065 01	140 03	315 01	260 03	340 02	135 03	060 17	025 02	320 06	285 05	280 07	275 14	260 22	260 29	...	...
Sylhet	210 14	230 15	230 14	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
F.R. Sargodha																		
Karachi	265 15	315 15	315 13	010 14	060 11	015 08	080 15	185 08	205 23	...	..	...	.	.	...	...	..	...
Peshawar																		
Quetta																		

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

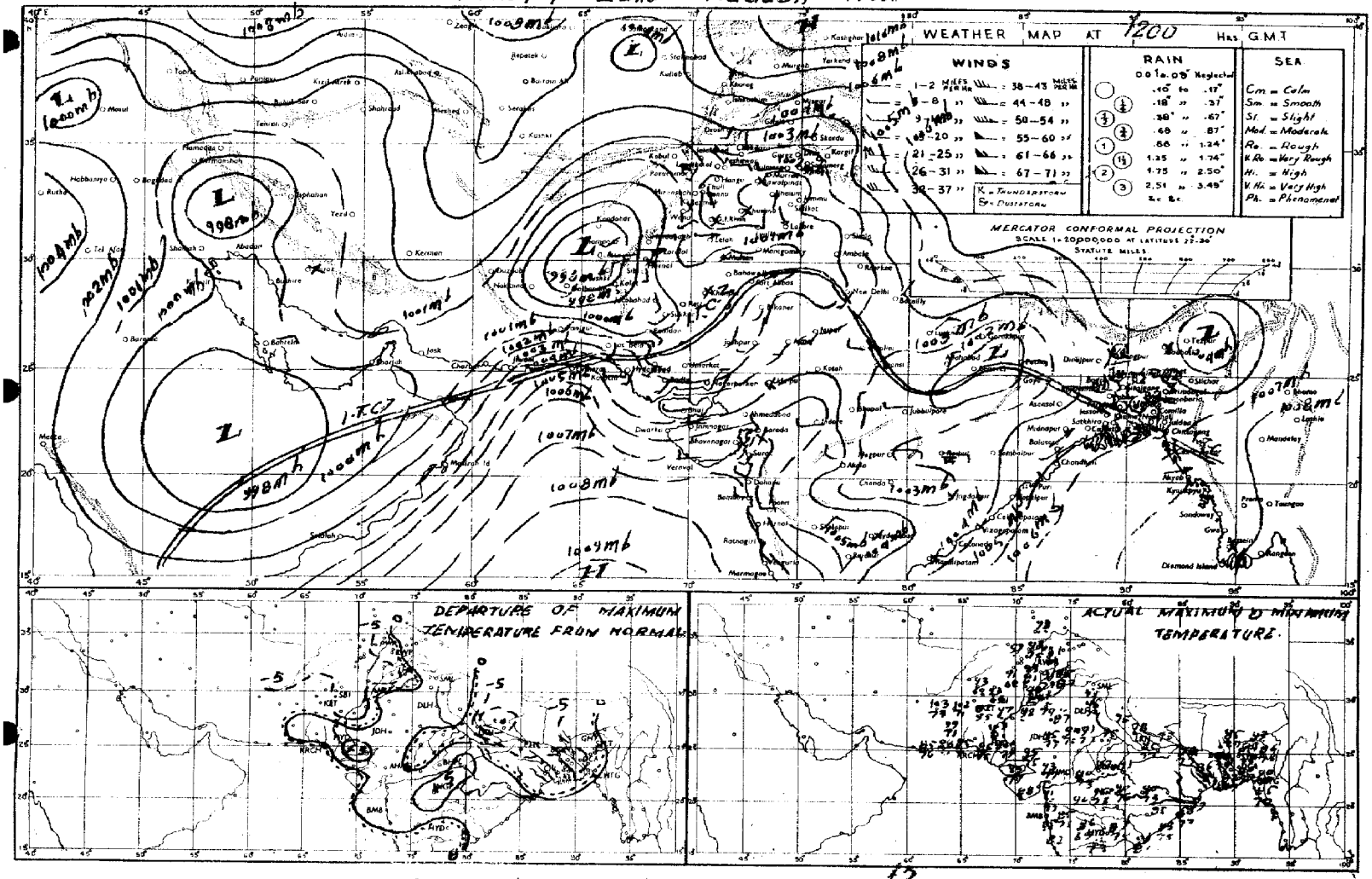
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Washer Central Air Port, KARACHI-11

PAKISTAN DAILY WEATHER MAP

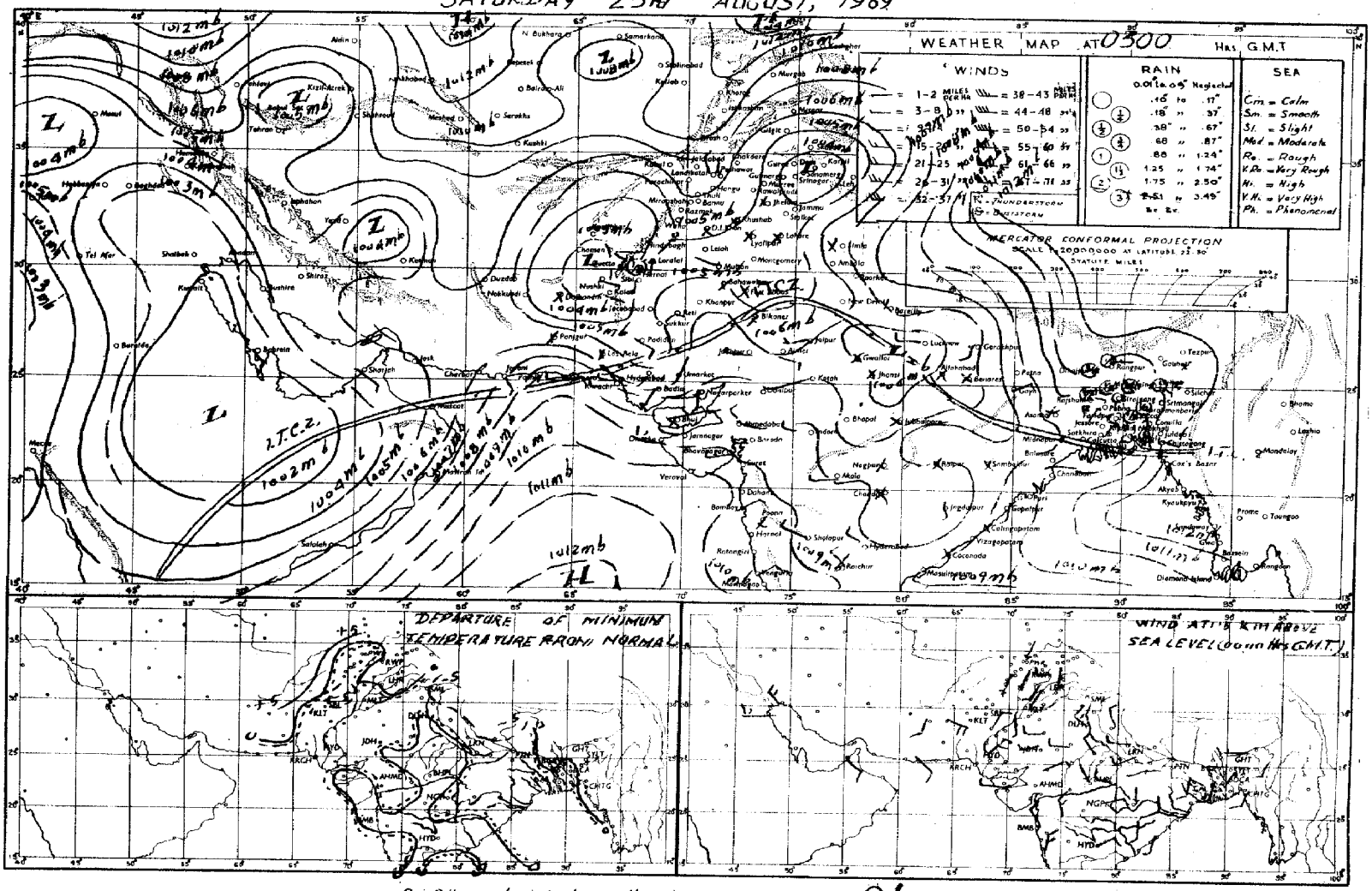
FRIDAY 22nd AUGUST, 1969



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 23rd AUGUST, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 24th AUGUST 1969.

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

The trough of low pressure over West Bengal has become unimportant. Monsoon is weak over East Pakistan.
Rain/thundershowers have been scattered in Chittagong and Rajshahi divisions. A few thuderstorms/showers have also been reported from Knulna division.
The seasonal trough of low pressure persists over Quetta division and neighbourhood.
Scattered rain/thunderstorm have occurred in Quetta division. A few thunderstorms/showers have been reported in Peshawar and Multan divisions.

Chief amounts of rainfall are: Sylnet and Barkhan ½" each and Brahmanbaria and Rangpur ¼" each.

Day temperatures were 3—5 °F (2—3 °C) below normal in Quetta and Sargodha divisions.

Forecast valid until the evening of 25th August 1969 :—Rain/thundershowers will be scattered in East Pakistan, Lahore, Rawalpindi divisions and Kashmir. A few thunderstorms may also occur in Quetta division.

Karachi-11
The 24th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Winds speed in Knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths) ° PPP	Dry Bulb temperature ° TT	Amount of Lowest Cloud † Nh	Low Clod from † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud from † 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	6	05	03	97	02	2	093	85	4	3	5	7	1	76	87
	Cox's Bazar ...	000	0	6	21	06	96	03		083	85	4	4	4	3	1	77	86
	Chittagong ...	000	0	7	27	03	96	02	7	086	82	3	4	4	2	1	77	87
	Maijdee Court ...	035	3	7	18	02	96	03	6	074	85	4	2	5	7	0	77	87
	Comilla ...	000	0	7	13	05	96	02	2	077	85	7	4	4	0	0	77	90
	Brahmanbaria ...	023	8	6	18	02	96	03	6	072	85	6	5	5	0	0	77	87
	Sylhet ...	013	9	8	36	05	96	29	9	072	83	4	5	4	2	/	77	82
	Srimangal ...	000	0	5	00	00	96	02	0	066	86	3	5	7	2	0	79	90
Dacca	Mymensingh ...	000	0	6	00	00	96	02	2	073	85	6	5	6	0	0	78	85
	Narayanganj ...	000	0	8	13	02	96	02	2	072	87	8	6	4	0	/	78	87
	Dacca (Tejgaon) ...	000	0	6	18	02	98	03	2	071	85	2	9	5	7	0	77	90
	Faridpur ...	000	0	4	18	02	97	02	2	049	85	2	4	6	1	0	78	91
Khulna	Barisal ...	005	2	6	00	00	96	21	9	076	82	0	2	6	4	2	78	90
	Khulna ...	030	0	2	18	02	97	01	2	067	85	2	6	0	0	0	78	85
	Satkhira ...	017	0	6	18	03	97	01	0	067	89	2	3	9	0	1	//	90
	Jessore ...	000	0	6	8	07	97	02	2	067	86	3	4	4	1	8	77	91
Rajshahi	Pabna ...	000	0	3	23	02	99	03	1	059	87	3	2	6	0	0	80	91
	Sirajganj ...	000	0	2	18	02	97	01	2	067	85	2	2	6	0	0	78	85
	Rajshahi ...	...	...	...	...	...	...	...		...	...	...		...		...	...	
	Bogra ...	000	0	4	18	02	96	01	2	061	85	5	5	5	7	5	78	87
	Dinajpur ...	000	9	7	00	00	96	02	1	055	85	5	5	6	2	/	78	87
	Rangpur ...	000	1	5	00	00	96	29	2	053	85	5	5	6	0	0	78	87
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	1	00	00	96	01	1	021	95	1	0	9	3	1	70	96
	Sialkot ...	000	0	0	23	02	98	00	0	005	99	0	0	9	0	0	94	99
Rawalpindi	Jhelum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Islamabad ...																	
	Rawalpindi ...	000	0	1	25	02	99	00	0	015	93	1	1	8	0	0	70	93
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	0	00	00	97	06	0	022	95	0	0	9	0	0	80	96
	Sargodha ...	000	0	1	05	03	97	02	0	021	93	1	1	6	3	0	76	96
	Lyallpur ...	000	0	0	00	00	96	00	0	021	90	0	0	9	0	0	70	93
Multan	Sahiwal ...																	
	Multan ...	000	2	6	36	05	96	17	9	///	90	6	9	6	0	0	72	02
	Leiah ...	000	0	0	27	02	99	00	0	098	//	0	0	9	0	0	68	//
Bahawalpur	Khanpur ..	000	0	1	00	00	97	02	0	017	00	1	1	6	0	0	///	//
	Bahawalpur ...	000	0	4	00	00	95	00	0	033	90	0	0	9	0	2	69	00
	Fort Abbas ...	...	...	...	...	...	...	...	...	...	...	...	...			...	...	..
Peshawar	Chakdra ...	000	0	0	36	02	98	01	0	996	94	0	0	9	0	0	65	94
	Peshawar ...	000	0	1	06	03	97	03	0	006	95	1	3	6	0	1	64	96
	Haripur ...	000	0	0	23	03	98	00	0	016	93	0	0	9	0	0	70	95
D. I. Khan	Bannu ...	000	0	6	11	01	98	03	2	021	84	0	0	9	6	5	69	99
	D. I. Khan ...	000	0	0	00	00	98	00	0	022	87	0	0	9	0	0	72	98
Quetta	Sibi ...	000	0	0	18	03	97	02	0	010	04	0	0	9	0	0	54	05
	Nokkundi ...	000	0	0	00	00	97	02	0	976	04	0	0	9	0	0	28	05
Kalat	Turbat ...	000	0	0	23	02	96	00	0	915	97	0	0	9	0	0	71	97
	Jiwani ...	000	0	3	18	07	96	02	1	057	83	3	5	6	0	0	60	85
	Pasni ...	000	0	0	25	12	97	02	0	066	83	0	0	0	0	0	77	88
Karachi division	Ormara ...	000	0	0	27	14	96	02	0	068	83	0	0	9	0	0	79	85
	Lasbela ...	000	0	3	23	03	97	00	0	014	01	0	0	7	0	0	77	03
	Karachi (Manora) ...	000	0	0	25	09	97	02	0	049	81	0	0	9	0	0	73	84
	Karachi (Ariport) ...	000	0	0	27	14	96	02	0	049	84	0	0	9	0	0	70	90
Hyderabad	Nagarparker ...	000	0	6	05	02	97	02	0	058	94	0	6	6	0	0	75	95
	Chhor ...	...		...	...	...	...	...		...		...	...				...	
	Hyderabad ...	000	0	2	23	07	97	03	0	027	95	/	8	0	3	1	70	01
	Badin ...	000	0	0	23	03	96	02	0	051	94	0	0	9	0	0	72	94
Khairpur	Padidan ...	000	0	3	18	03	96	03	0	025	02	3	4	7	0	0	70	03
	Nawabshah ...	000	0	1	05	02	96	06	0	023	00	0	1	6	0	0	74	02
	Sukkur ...	000	0	7	23	05	96	03	2	014	98	7	0	9	9	0	74	99
	Kashmore ...	000	0	0	00	00	98	03	0	021	99	0	0	9	0	4	71	00
	Jacobabad ...	000	0	1	18	02	97	03	0	018	00	1	1	9	0	0	70	01
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ..	000	0	6	31	05	98	02	1	464	69	5	6	4	0	0	62	73
Peshawar	Drosh * ...	000	0	7	36	03	97	17	1	448	84	7	9	9	7	0	41	95
	Cherat * ...	000	0	0	00	00	98	00	0	426	84	0	0	9	0	0	64	87
	Kakul * ...	000	0	3	18	03	98	02	1	066	80	3	2	6	0	0	63	81
	Landikotal * ...	000	0	7	25	02	98	01	1	438	//	6	3	9	3	0	79	90
	Prachinar * ...	004	1	6	15	03	98	50	9	473	77	5	4	6	4	0	41	82
D.I. Khan	Miranshah * ...	000	0	0	00	00	97	00	0	301	95	1	1	7	0	0	85	85
	Wana * ...	000	0	5	13	06	98	03	0	447	87	6	2	7	0	0	80	90
Quetta	Fort Sandeman * ...	000	8	3	09	10	97	02	0	446	87	3	5	7	0	0	41	92
	Hindubagh * ...	000	6	8	07	03	93	03	0	370	93	8	2	4	0	0	52	94
	Loralai * ...	000	0	0	27	02	98	00	0	439	95	0	0	9	0	4	68	97
	Barkhan * ...	055	1	8	13	02	97	03	2	431	68	8	7	7	0	0	66	84
	Harnai * ...	000	0	0	00	00	96	02	0	452	91	0	0	9	0	0	58	93
	Samungli (Quetta) * ...	000	0	4	31	03	96	05	0	448	89	3	4	6	3	0	33	93
	Chaman * ...	000	0	0	27	03	97	00	0	458	92	0	0	9	0	0	59	94
	Nushki * ...	000	0	0	36	04	95	05	0	493	99	0	0	9	0	0	70	90
	Dalbandin * ...	000	0	2	23	02	96	00	0	467	00	0	0	9	3	0	35	03
Kalat	Kalat * ...	000	0	6	29	03	96	02	1	416	80	0	8	9	0	0	51	86
	Khuzdar * ...	000	0	4	13	03	96	03	0	448	91	4	5	6	0	0	43	93
	Panjgur * ...	000	0	4	18	05	95	05	0	455	95	3	4	7	3	0	56	99

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

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total clud amount N	Wind direction in tens of degrees dd	Wind speed in konts ff	Horizontal visibility † VV	Present weather † ww	Past Weather W	Sea level pressure (mbs. and tenths) • PPP	Dry Bulb temperature TT	Amounts of Lowest Cloud † h	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: Maximum temperature TxTx	Departure: Minimum Temperature TnTn	Rainfall: Since 1st June, 1969 to-date	Rainfall: Departure from normal	Rainfall: Since 1st January, 1969 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	005	9	5	18	02	98	03	6	128	84	3	3	5	4	8	77	77	—	—	77.1	—	83.6	—
	Cox's Bazar	000	0	6	03	04	96	02	2	117	82	6	3	4	4	2	77	77	+ 1	+ 1	63.0	—25.9	70.7	140
	Chittagong	007	8	7	13	03	96	02	6	117	84	4	8	5	3	0	81	77	+ 1	+ 1	39.1	—22.3	92.4	108
	Maijdee Court	..			...		...	...	..	...		...	...	..	..	...	...	...	+ 2					115
	Comilla	008	0	4	00	00	96	02	0	419	84	4	4	7	0	0	72	77	+ 3	+ 1	67.9	+19.6	87.0	94
	Brahmanbaria	024	0	6	18	03	97	03	0	114	84	3	5	5	4	0	72	79	—	—	34.1	— 2.0	43.8	78
	Sylhet	059	9	8	11	05	94	95	9	105	77	7	9	3	2	1	75	75	—	—	94.8	—	123.8	—
	Srimangal	000	0	7	00	00	96	03	0	121	82	4	9	5	7	2	79	77	0	+ 1		—		98
Dacca	Mymensingh	000	0	4	00	00	97	02	2	106	84	4	5	5	0	0	81	79	— 2	+ 1	49.6	+ 4.3	64.8	91
	Narayanganj	000	0	8	23	02	97	02	2	112	82	8	6	4		/	79	79	— 1	0	39.9	+ 3.9	62.9	74
	Dacca (Tejgaon)	000	0	7	00	00	97	02	2	112	82	6	8	9	7	0	79	79		—	40.8	—	51.4	—
	Faridpur	000	0	7	16	02	97	02	2	105	84	4	4	4	1	0	81	79	+ 3	0	32.4	— 2.9	46.2	71
Khulna	Barisal	005	9	7	23	02	97	02	2	104	82	6	4	6	2	0	79	79	+ 3	+ 1	—	—	—	81
	Khulna	000	0	4	00	00	97	03	0	113	82	2	2	7	0	0	79	79	— 3	+ 1	37.6	— 0.1	43.7	68
	Satkhira	000	9	6	18	03	97	01	0	110	87	2	3	9	0	1	82	77	+ 2	— 1	34.3	— 0.0	39.6	65
	Jessore	000	0	6	18	05	93	02	2	109	82	5	5	4	3	0	77	79	—	—	33.0	— 0.3	41.4	65
Rajshahi	Pabna	000	9	6	16	02	98	03	9	111	82	2	6	6	6	0	79	79	—	—	34.4	—	48.2	59
	Sirajganj	000	0	8	18	02	98	03	2	113	82	7	0	7	4	0	81	79	— 2	0	32.1	— 0.7	39.8	64
	Rajshahi	000	0	5	18	05	96	03	1	104	82	3	5	5	2	/	62	81		+ 2	43.8	+13.4	57.8	—
	Bogra	000	0	7	23	07	96	02	2	104	82	6	5	4	7	0	81	81	— 1	+ 3	30.9	— 4.9	41.9	69
	Dinajpur	000	3	7	23	02	96	01	1	092	84	4	0	9	1	9	81	81	— 2	+ 3	—	—	—	72
	Rangpur	036	9	7	13	05	96	01	6	077	82	7	5	6	0	0	79	79	— 2	+ 2	45.7	+ 1.6	64.3	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	13	02	96	02	0	070	84	0	0	9	0	0	73	81	— 1	+ 3	12.4	— 1.0	17.0	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					32
Rawalpindi	Jhelum	000	0	0	00	00	97	01	0	068	87	0	0	9	0	0	75	79		—	19.2	—	27.5	—
	Islamabad																							—
	Rawalpindi	000	0	0	00	00	98	00	0	068	81	0	0	9	0	0	69	75	0	0	16.6	— 1.3	26.6	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	00	97	00	0	959	84	0	0	9	0	0	81	81	— 3	0	3.8	— 4.8	7.2	15
	Sargodha	000	0	1	31	02	97	01	0	131	84	1	0	9	3	0	79	79	—	—	15.4	—	19.0	—
	Lyallpur	000	0	0	36	03	96	00	0	063	84	0	0	9	0	0	77	81	— 4	— 2	4.6	— 2.4	7.6	12
Multan	Sahiwal																							10
	Multan	000	9	7	00	00	96	05	9	059	90	0	0	9	8	0	73	79	+ 4	— 3	8.0	+ 3.8	11.0	7
	Leiah	000	0	0	09	06	93	00	0	054	84	0	0	9	0	0	69	77	—	—	1.0		2.8	8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	056	87	0	0	9	0	0	73	81	/	0	0.2	— 4.3	1.1	6
	Bahawalpur	000	0	0	00	00	96	00	0	057	90	0	0	9	0	0	75	81	0	+ 1	0.7	— 3.2	2.0	6
	Fort Abbas	000	0	0	00	00	98	00	0	019	90	0	0	9	0	0	75	79		—	0.7	—	0.8	8
Peshawar	Chakdra	000	0	0	00	00	98	02	0	060	73	0	0	9	0	0	64	67	—	—	3.0	—	12.4	—
	Peshawar	000	0	0	36	03	97	02	0	064	79	0	0	9	0	0	73	75	— 1	— 2	3.9	+ 0.5	12.6	11
	Haripur	000	0	0	23	03	98	00	0	016	94	0	0	9	0	0	69	//	—		6.2		16.4	—
D. I. Khan	Bannu	000	0	3	00	00	99	01	1	068	77	0	0	9	0	5	68	73			0.7	—	4.8	11
	D. I. Khan	000	0	0	00	00	98	00	0	063	82	0	0	9	0	0	73	39	— 2	— 2	1.6	— 2.9	4.1	9
Quetta	Sibi	000	0	0	00	00	97	02	0	057	88	0	0	9	0	0	81	83	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	23	03	97	02	0	039	84	0	0	9	0	0	21	73	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	27	02	96	00	0	///	80	0	0	9	0	0	69	//	—	—	0.2	—	0.2	—
	Jiwani	000	0	3	00	00	96	02	0	086	79	3	6	5	0	0	71	75	—	—	0.0	—	2.0	5
	Pasni	000	0	0	23	04	97	02	0	070	78	0	0	0	0	0	72	64	— 1	— 11	0.0	— 0.9	0.0	6
Karachi division	Ormara	000	0	1	27	10	97	02	2	094	79	1	6	6	0	0	78	//	—	—	0.0	— 0.8	0.6	6
	Lasbela	003	0	2	00	00	98	00	0	079	77	0	0	8	0	0	73	68	—	—	0.7	—	0.7	8
	Karachi (Manora)	000	0	0	27	09	96	01	0	081	88	0	0	9	0	0	74	76	— 1	— 2	1.0	— 4.3	1.1	8
	Karachi (Ariport)	000	0	3	29	12	96	01	2	082	83	3	6	5	0	0	72	78	—	—	1.5	—	1.6	—
Hyderabad	Nagarparker	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	—					—
	Chhor	000	0	0	23	05	96	02	0	079	79	0	0	9	0	0	72	75		—	0.2	—	0.3	7
	Hyderabad	000	0	8	23	02	97	02	0	071	87	0	0	9	0	0	71	78	+ 6	— 1	0.2	— 5.0	0.3	9
	Badin	000	0	0	23	04	96	02	0	037	80	0	0	9	0	0	74	77	—	—	0.3	— 5.4	0.3	—
Khairpur	Padidan	000	0	0	18	05	97	02	0	062	83	0	0	9	8	0	71	79	—	—	0.8	—	0.8	—
	Nawabshah	000	0	0	13	02	96	02	0	067	87	0	0	9	0	0	74	78	—	—	1.0	—	1.1	4
	Sukkur	000	9	0	13	05	96	03	2	064	88	7	0	9	9	0	73	82	—	—	0.1	—	0.1	—
	Kashmore	...	...	...															—					4
	Jacobabad	000	2	0	18	05	96	02	0	064	87	0	0	9	0	0	80	//	— 2	/	0.5	— 1.6	0.8	20
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	000	0	6	27	03	98	02	1	465	62	6	5	4	0	0	58	58	+ 3	+ 2	—	—	—	18
Peshawar	Drosh *	...	..	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...	+ 1					29
	Cherat *	...	...	...	...	...	...	...	...		...	...	..	..	...		...	...	— 2					—
	Kakul *	000	0	5	18	02	98	03	0	500	73	9	1	4	1	0	64	68	—	—	13.9	—	24.7	—
	Landikotal *	000	0	6	31	05	98	01	1	449	81	6	3	9	0	0	73	75	—	—	2.0	—	12.5	29
	Prachinar *	000	0	0	00	00	98	02	0	500	73	0	0	9	0	0	49	62	— 3	— 2	—	—	—	13
D.I. Khan	Miranshah *	000	0	4	05	05	97	00	2	402	76	4	9	0	0	0	59	69	—	—	0.5	— 2.1	2.0	11
	Wana *	000	0	0	00	00	99	00	0	464	72	0	0	9	0	0	60	63	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman *	000	0	0	00	00	97	02	0	483	74	0	0	9	0	0	49	68	— 5	— 5	2.0	— 2.4	6.3	—
	Hindubagh *	000	0	0	27	02	96	02	0	426	72	0	0	9	0	0	43	60	—	—	2.7	—	5.9	9
	Loralai *	000	0	0	27	06	98	00	0	330	70	0	0	9	0	0	60	54	—	—	0.6	—	0.6	—
	Barkhan *	055	0	0	31	02	97	02	0	442	72	0	0	9	0	0	65	//	—	—	0.9	—	0.9	14
	Harnai *	000	0	0	00	00	96	02	0	458	79	0	0	9	0	0	62	//	—	—	3.7	— 3.3	4.5	9
	Samungli (Quetta) *	000	0	0	00	00	96	05	0	495	73	0	0	9	0	0	54	64	—	—	0.5	— 0.5	3.1	8
	Chaman *	000	0	0	03	03	97	00	0	485	83	0	0	9	0	0	43	74	— 3	+ 4	2.1	+ 1.9	4.8	—
	Nushki *	000	0	0	07	05	96	02	0	532	85	0	0	9	0	0	51	82	—	—	0.5	—	2.6	4
	Dalbandin *	000	0	0	05	02	96	02	0	476	78	0	0	9	0	0	29	67	— 2	— 2	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	13	02	97	02	0	469	66	0	0	9	0	0	51	58	— 2	+ 2	0.8	— 0.3	2.2	—
	Khuzdar *	000	0	0	03	00	96	02	0	487	78	0	0	9	0	0	49	73	—	—	1.7	—	3.0	5
	Panjgur *	000	0	1	00	00	95	05	0	488	77	1	0	9	3	0	66	74	+ 1	+ 4	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

SUNDAY THE 24th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_N$	D_sV_sa PP	7RR t_at_a	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Kampala	99 2 20	10 6 54	23 0 03	22 4 13	99 0 20	07 7 26	22 4 01	13 3 08	...		00 1 23	...	30 3 01	24 7 02
Bathsabee	99 1 85	10 5 80	23 0 03	72 0 16	97 0 22	06 5 24	75 3 00	14 4 05	...		05 0 22	12 4 42	30 2 01	19 6 03
Cannanore	99 1 93	10 6 37	23 0 63	62 1 10	98 0 20	09 8 27	68 4 00	13 8 09	...		00 1 24	12 6 20	30 2 01	22 5 04
Texaco	99 2 15	10 6 24	23 0 63	52 0 05	98 0 12	99 3 27	48 4 33	32 2 25	...		01 1 26	17 9 55	30 4 02	22 8 03
Bathsabee	99 2 00	10 5 84	23 0 63	22 0 02	98 0 22	09 2 24	75 3 00	14 1 15	...		00 4 23	12 2 24	30 1 01	18 5 02
Sirohans	99 2 27	10 6 82	23 1 23	22 8 10	99 0 20	06 9 25	22 1 00	...	73 7 06		05 1 23	...	30 3 01	25 5 03
Texaco	99 2 12	10 6 33	23 1 23	52 2 14	99 0 31	07 5 27	22 4 33	...	...		03 2 22	18 1 38	30 2 01	22 8 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
		PoPoPoTo To To DoDo	hhh TTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	008 268 01	...	470 176 44	141 093 50	585 067 57	756 175 59	566 307 59	241 519 //	924 627 //	664 281 //	...	...	...
Dacca ...	00 00	068 270 14	...	420 164 48	130 088 56	585 073 17	757 169 43	568 301 60	245 515 //	425 683 //	...	...	...	...
Gilgit ...											...	...	...	...
Jiwani ...														
Karachi ...	00 00	035 260 17	...	450 190 15	104 095 13	582 081 //	752 171 //	962 305 //	272 401 //	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	965 248 43	...	460 238 58	129 074 58	588 017 //	762 131 //	978 205 //	270 471 //	...	...	...	...	...
Quetta ...	00 00	820 192 59	...	/// /// //	130 115 //	580 113 //	749 173 //	959 323 //	239 310 39	...	...	...	...	...
Sargodha ...	00 00	992 264 50	...	500 200 60	173 060 45	584 125 //	752 201 //	961 285 //	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT Ta DD									Max. Wind Speed	TROPOPAUSE	
											PmPmPm dmdm fmfmfm	PtTtPtTtTtaa	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	800 150 48	600 310 02	350 225 57		...	...	...	...	...	...	...	...
Dacca ...	00 00	800 146 29	600 014 30	350 475 7	250 393 //	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00												
Quetta ...	00 00	800 194 //	600 275 17	350 290 24	250 357 //	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T.† of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	190 15	195 16	210 17	225 19	...				...
Chakla's ...		255 05	225 15	215 04	050 03	345 10	...	...	...
Chhor ...	220 06	215 08	170 06	675 08	050 10	020 10	095 04	090 08	...
Chittagong ...	230 07	230 08	215 06	180 06	175 06	...			
Cox's Bazar ...	255 09	255 11	245 11	235 15	...	...	...	...	...
Dacca ...	185 10	195 12	215 13	240 10	225 13	020 05	275 07	...	...
Daibandin ...		185 06	200 04	290 04	345 06	215 06	355 02	005 09	
D. I. Khan ...	165 02	140 04	120 08	135 02	030 02	320 03	350 05	335 07	340 05
Drosh ...	...	...	...	092 10	245 07	270 07			
Fort Sandeman ...				320 01	015 02	065 07	130 07	120 03	180 05
Jacobabad ...	185 06	185 06	170 04	220 02	330 06	015 13	020 13	270 15	230 12
Jessore ...	195 12	200 12	205 12	225 11	225 12	230 10			
Jhelum ...	210 06	240 07	255 06	285 07	345 02	330 03	250 02	290 13	260 15
Jiwani ...	185 07	140 05	120 05	020 04	035 07	075 08	020 03	220 12	230 19
Karachi ...	250 15	260 11	240 05	050 10	070 19	050 12	095 08	295 11	270 10
Khanpur ...	265 04	225 02	245 04	275 07	160 05	135 06	060 03	050 12	...
Lahore ...	045 05	025 05	020 05	355 07	285 06	325 C7	320 07	015 09	065 04
Multan ...	355 10	075 04	125 05	110 06	080 06	...			
Nawab Shah ...	120 06	110 05	115 04	085 C4	340 09	015 16	250 04	265 15	235 15
Panjgur ...	...	...	...	315 04	330 04	325 07	335 07	...	...
Peshawar ...				...	...	...	...	...	...
Quetta ...	...	...	...	...	310 13	285 07	240 05	270 10	270 09
Sargodha ...	100 04	150 04	170 04	245 04	255 04	335 10	325 06	315 16	285 20
S-hec ...	250 07	245 10	240 15	/// //	240 19	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

Height in Kms. a.s.l. —>	At 0000 hrs. G.M.T. † of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	195 16	210 27	220 37	245 23	...	
Chakla's ...	...	105 08	115 03	205 03	325 03	350 07
Chhor ...	215 10	195 13	135 17	070 13	135 11	320 12
Chittagong ...						
Cox's Bazar ...	285 03	235 01	170 02	200 64	200 44	290 03
Dacca ...	265 12	215 04	220 04	/// //	230 13	
Daibandin ...	...	...	240 07	180 10	150 03	290 07
D. I. Khan ...	130 03	075 05	105 04	050 05	285 04	280 03
Drosh ...				060 01	295 01	090 03
Fort Sandeman ...				220 07	250 06	310 13
Jacobabad ...	245 09	205 09	215 11	220 16	230 15	260 03
Jessore ...	225 18	215 21	225 18	230 12	215 12	225 09
Jhelum ...	140 07	160 06	210 05	320 09	335 03	325 06
Jiwani ...	225 05	230 04	185 03	125 07	100 11	090 13
Karachi ...					...	
Khanpur ...	255 13	270 07	280 11	270 10	240 15	270 10
Lahore ...	145 07	175 12	175 09	145 08	150 01	320 04
Multan ...	105 09	120 03	165 05	200 11	220 10	005 09
Nawab Shah ...	165 08	160 06	130 03	035 05	070 05	070 06
Panjgur ...	...	...	...	255 09	280 07	025 10
Peshawar ...	..	265 01	330 01	285 01	355 01	300 03
Quetta ...						
Sargodha ...	160 08	165 06	270 02	030 02	020 06	325 12
S-hec ...	No	Ascent	...	...	...	...
Veraval ...	...	...	...	...	...	...

Height in Kms. a.s.l. —>	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	230 11	230 12	235 10	...							
Chakla's ...	...	125 06	160 07	135 03	255 06	345 08	...	...	...	...	...
Chhor ...	205 10	195 18	180 10	165 17	100 C7	055 15	340 11	040 12	060 17	...	...
Chittagong ...	190 05	160 05	170 04	210 06	235 05	260 07	...	...	...	...	...
Cox's Bazar ...	180 04	170 04	165 04	220 03	235 02	210 04	...	...	...	...	...
Dacca ...	225 CB	230 08		230 12	/// //	255 12					
Daibandin ...	...	...	230 02	240 05	290 03	240 03	190 04	290 04	210 05	325 05	220 11
D. I. Khan ...	090 07	135 05	175 09	195 06	180 08	100 05	305 08	000 10	345 11	040 14	225 CB
Drosh ...											
Fort Sandeman ...											
Jacobabad ...	180 06	160 CB	150 08	160 07	125 07	095 08	340 09	060 26	055 24	115 11	230 26
Jessore ...	225 12	225 13	225 11	220 11	215 15	...					
Jhelum ...	110 01	170 02	170 05	280 04	335 07	360 06	320 CB	290 10	280 11	280 16	...
Jiwani ...	180 05	130 05	025 05	...	...	...	...	...	...	...	...
Karachi ...	280 14	310 10	310 08								
Khanpur ...	050 08	...	...	065 09	...	...	...	...	...	...	...
Lahore ...	230 19	225 19	...	215 21	215 C9	245 25	360 04	130 C7	090 13	060 40	040 06
Multan ...	110 04	115 04	135 02	005 02	240 C3	285 04	360 06	335 06	335 06	285 CB	250 21
Nawab Shah ...											
Panjgur ...	130 06	120 07	C80 06	050 07	050 07	200 07	270 07	/// //	270 07	...	...
Peshawar ...	...	...	...	245 04	235 08	215 17	225 15	230 30	260 20	...	...
Quetta ...	...	075 03	090 03	190 04	275 04	315 10	320 16	250 10	285 10	290 18	255 34
Sargodha ...				...	010 03	315 16	245 07	240 CB	230 10	...	...
S-hec ...	080 03	105 03	090 02	225 02	325 07	345 10	350 09	...	...	...	...
Veraval ...	No	Ascent	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
P.R. Sargodha ...																		
Karachi ...	275 23	275 21	270 20	280 15	070 12	040 09	C30 17	040 11	030 10	230 17	..	..	..	..	..	..	..	..
Peshawar ...																		
Quetta ...																		

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

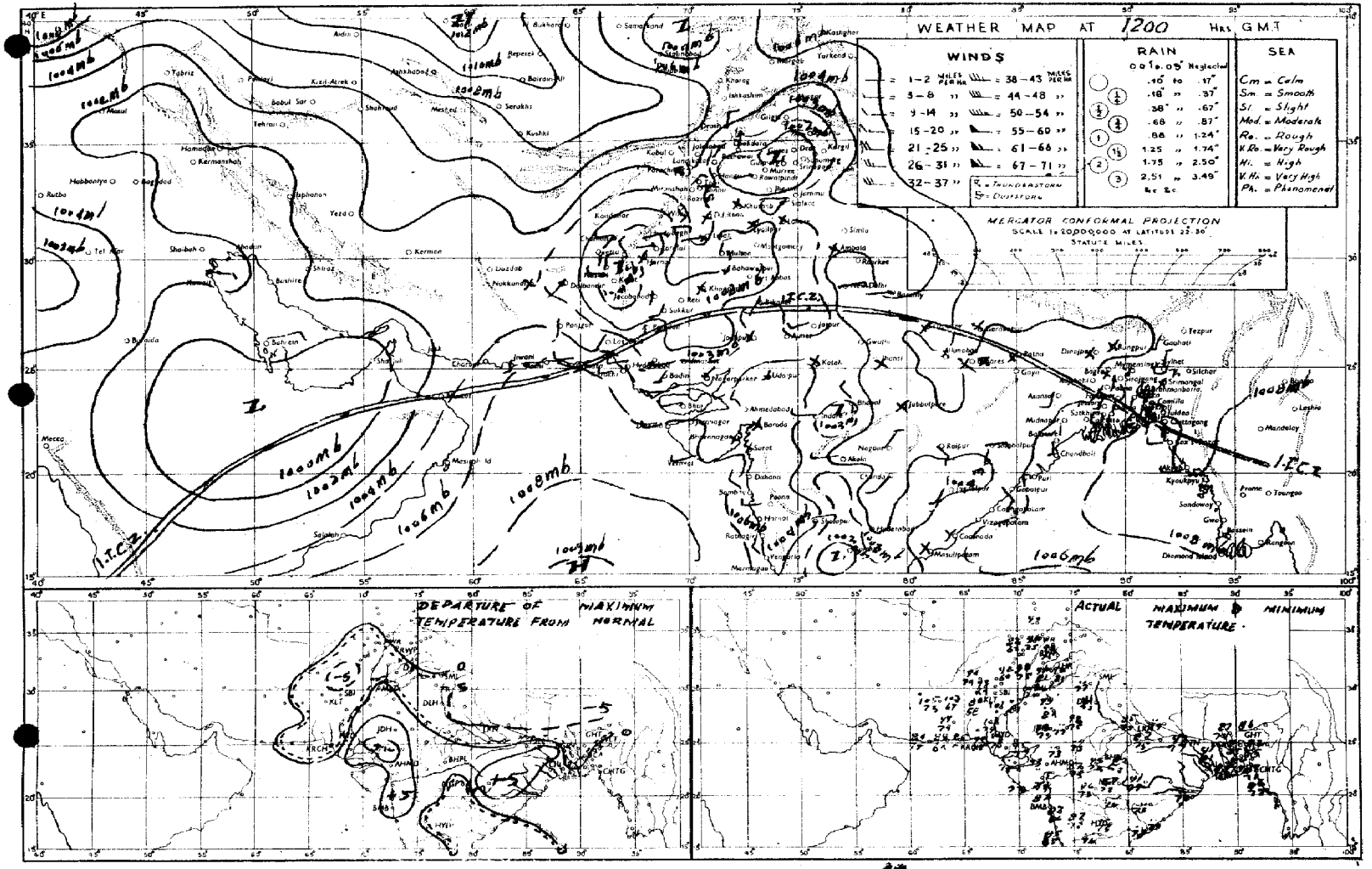
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
ff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

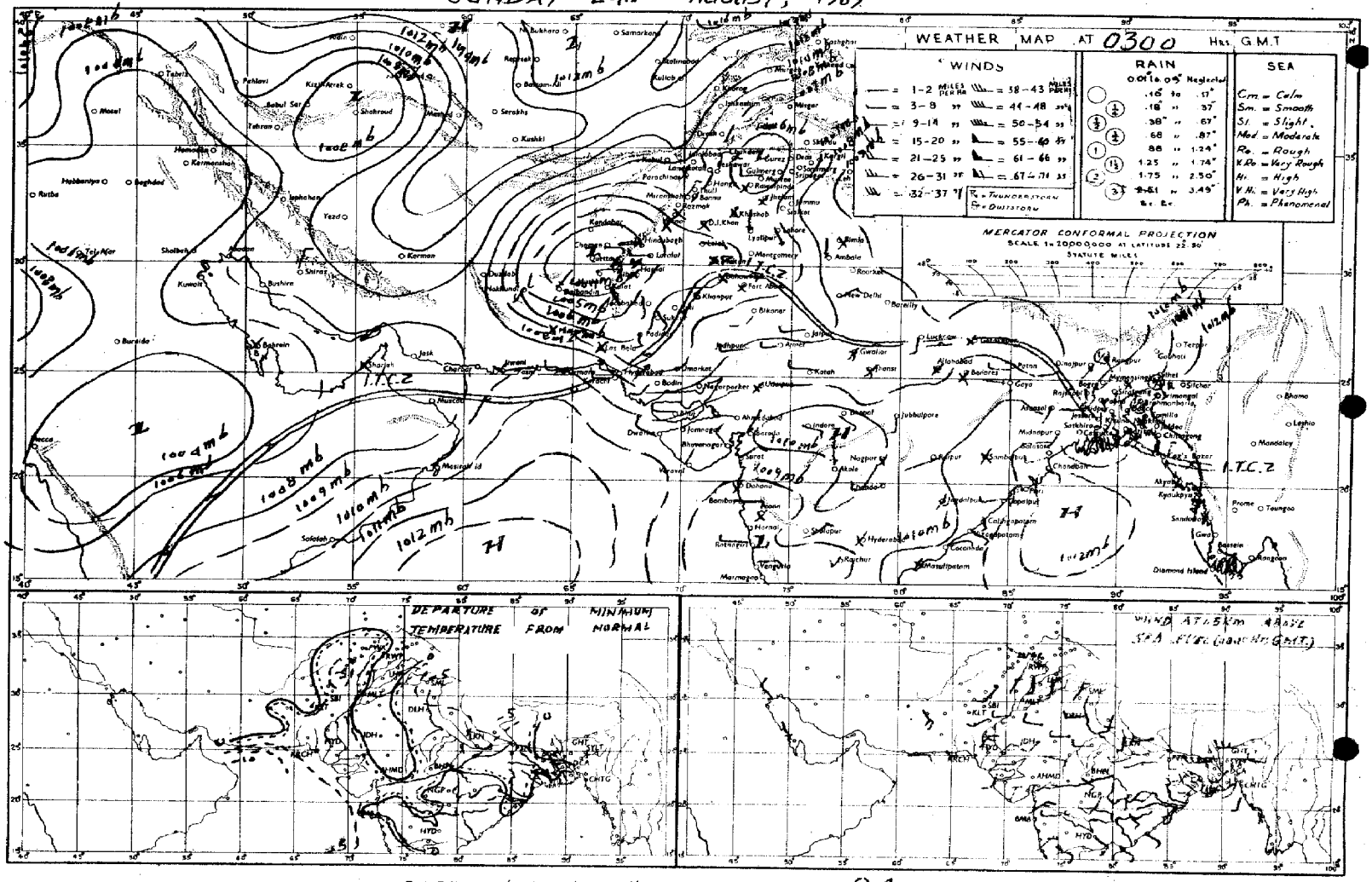
SATURDAY 23rd AUGUST, 1969.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 24th AUGUST, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 25th AUGUST 1969.

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

Monsoon continues to be weak over East Pakistan. Rain/thundershowers have been local in Rajshahi division and scattered over Chittagong and Dacca division. A westerly low pressure wave is moving accross northern division of West Pakistan. The seasonal trough of low pressure area persists over Quetta division and neighbourhood. A well marked low pressure area has developed off Kerala-Mysore coast. It may concentrate in to a depression. Rain/thundershowers have been local in Rawalpindi division, scattered in Peshawar division. A few thunderstorms/light rain have been reported from Kalat division.

Chief amounts of rainfall are: Rangpur 1½", Sylhet 1", Srimangal and Bogra ½" each, Dinajpur (upto 000Z) Haripur ¼" each.

Day temperatures were 3—6 °F (2—3 °C) above normal over East Pakistan, Multan and Hyderabad divisions and were nearly normal elsewhere over West Pakistan.

Forecast valid until the evening of 26th August 1969 :— Rain/thundershowers will be local over Chittagong division and scattered elsewhere over East Pakistan and Rawalpindi, Lahore, Sargodha and Multan divisions.

Karachi-11
The 25th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	3	23	02	97	01	0	086	86	2	3	6	7	0	76	91
	Cox's Bazar	000	0	5	23	10	97	02	1	078	86	3	3	4	3	8	80	87
	Chittagong	000	0	4	25	04	96	01	2	080	85	2	2	5	0	/	76	90
	Maijdee Court	000	9	3	18	02	96	02	2	070	85	3	2	5	0	0	77	87
	Comilla	000	0	2	03	00	96	02	1	067	86	2	4	7	0	0	78	90
	Brahmanbaria	000	0	2	23	02	97	01	1	070	85	2	0	9	2	0	76	87
	Sylhet	101	9	7	00	00	96	02	9	066	82	5	3	4	3	0	80	82
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	000	0	4	00	00	97	01	2	068	80	4	5	6	0	0	78	90
	Narayanganj	000	0	4	23	02	96	02	2	079	87	4	6	5	/	/	77	90
	Dacca (Tejgaon)	000	0	2	23	05	97	09	0	068	85	1	2	5	0	0	76	90
	Faridpur	000	0	1	18	02	97	01	1	066	85	1	4	6	0	0	78	90
Khulna	Barisal	000	0	5	00	00	97	02	2	069	85	3	8	4	0	1	78	90
	Khulna	000	0	2	00	00	97	03	0	063	86	/	.	5	0	0	80	91
	Satkhira	000	0	6	18	03	97	01	0	096	82	2	0	4	0	/	78	90
	Jessore	000	0	1	21	03	97	01	1	066	87	1	4	5	0	0	77	90
Rajshahi	Pabna	000	0	3	00	03	99	01	1	047	87	3	3	6	0	0	78	91
	Sirajganj	000	0	2	18	02	97	01	1	051	86	2	2	6	0	0	80	87
	Rajshahi	000	0	3	18	02	96	01	1	064	86	2	4	5	2	0	77	90
	Bogra	000	0	5	23	03	96	02	2	067	87	4	4	4	0	7	77	90
	Dinajpur	022	5	7	31	02	96	02	6	064	80	3	4	6	7	/	73	90
	Rangpur	120	6	7	13	05	96	01	8	055	93	7	6	6	1	0	78	95
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	3	00	00	96	01	1	033	93	2	3	6	3	0	73	95
	Sialkot																	
Rawalpindi	Jhelum	000	0	2	27	02	97	02	0	031	96	2	1	7	0	0	70	96
	Islamabad																	
	Rawalpindi	000	0	1	25	02	99	00	0	028	93	0	0	9	6	0	73	95
	Campbellpur																	
Sargodha	Khushab	000	0	6	09	//	97	03	2	030	96	3	2	8	4	0	77	98
	Sargodha	000	0	1	18	02	97	01	0	028	96	1	1	6	0	0	77	98
	Lyallpur	000	0	0	00	00	96	00	0	029	95	0	0	9	0	0	73	98
Multan	Sahiwal																	
	Multan	000	0	3	27	05	97	03	0	028	00	1	0	9	3	1	72	02
	Leiah	000	0	0	09	06	98	00	0	034	73	0	0	9	0	0	72	93
Bahawalpur	Khanpur	000	0	1	23	03	97	03	0	029	00	1	2	8	0	0	67	02
	Bahawalpur	000	0	0	00	00	96	00	0	988	93	0	0	9	0	0	70	98
	Fort Abbas	000	0	0	23	02	98	00	0	003	98	0	0	9	0	0	87	98
Peshawar	Chakdra	000	0	1	27	03	98	01	0	998	93	1	7	0	0	0	70	93
	Peshawar	000	0	1	//	02	97	01	0	012	96	1	1	6	3	1	77	96
	Haripur	000	0	0	18	03	98	00	0	011	93	0	0	9	0	0	68	95
D. I. Khan	Bannu	000	0	2	13	01	99	01	1	022	96	0	0	9	2	0	63	98
	D. I. Khan																	
Quetta	Sibi	000	0	0	18	03	97	02	0	020	00	0	0	9	0		58	07
	Nokkundi	000	0	0	31	05	97	02	0	998	03	0	0	9	0	0	34	05
Kalat	Turbat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jiwani	000	0	5	18	07	96	03	1	073	83	5	6	6	0	0	71	//
	Pasni	000	0	0	25	18	97	02	0	078	85	0	0	0	0	0	75	88
Karachi division	Ormara	000	0	1	27	12	96	02	2	077	82	1	6	6	0	0	79	85
	Lasbela	///	0	2	05	03	97	00	0	029	04	0	0	8	8	0	85	06
	Karachi (Manora)	000	0	2	25	10	97	02	0	052	81	2	6	4	0	0	74	84
	Karachi (Ariport)	000	0	2	23	12	96	02	0	062	84	2	6	5	0	0	72	89
Hyderabad	Nagarparkar	000	0	6	05	02	97	02	0	058	94	0	6	6	0	0	75	95
	Chhor	000	0	1	23	07	96	01	0	046	94	1	5	6	0	0	70	96
	Hyderabad	000	0	0	73	09	97	02	0	047	92	0	0	9	0	0	72	99
	Badin	000	0	4	02	37	96	03	0	065	93	0	0	9	0	4	73	94
Khairpur	Padidan	000	0	2	18	05	97	03	0	037	03	2	1	7	0	0	65	04
	Nawabshah	000	0	0	13	05	96	01	0	045	00	0	0	9	0	0	71	02
	Sukkur	000	0	7	23	05	96	03	2	030	98	7	0	9	0	0	74	01
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jacobabad	000	0	0	18	03	97	02	0	039	02	0	0	9	0	0	74	02
unagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	7	29	03	97	02	1	480	70	7	9	3	0	0	60	70
Peshawar	Drosh *	000	0	3	23	02	98	03	0	443	91	3	0	7	0	0	40	96
	Cherat *	000	0	3	18	01	98	01	0	492	85	3	/	7	0	0	64	87
	Kakul *	000	0	7	23	02	97	03	2	502	82	3	2	4	1	0	64	82
	Landikotal *	000	0	0	31	05	98	02	0	430	85	0	0	9	0	0	80	90
	Parachinar *	000	4	2	16	03	98	29	9	482	80	2	1	7	0	0	49	82
D.I. Khan	Miranshah *	000	0	4	05	05	98	02	0	407	87	4	0	9	0	0	56	90
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	000	5	2	11	07	97	01	0	455	92	1	5	7	3	0	31	//
	Hindubagh *	000	0	7	07	03	94	03	0	394	92	7	1	4	0	0	63	93
	Loralai *	000	0	0	27	02	98	00	0	395	95	0	0	9	0	0	65	98
	Barkhan *	000	0	0	23	05	97	02	0	449	90	0	0	9	0	0	60	41
	Harnai *	000	0	0	00	00	96	02	0	452	94	0	0	9	0	0	63	95
	Samungli (Quetta) *	000	0	3	00	00	96	05	1	468	89	3	3	7	3	0	59	95
	Chaman *	000	0	0	31	03	97	00	0	473	95	0	0	9	0	0	59	97
	Nushki *	000	0	0	23	04	95	05	0	536	99	0	0	9	0	0	67	06
	Dalbandin *	000	0	2	23	03	96	03	0	480	01	2	0	9	3	0	37	04
Kalat	Kalat *	000	0	5	29	03	95	02	1	441	77	0	8	9	0	0	60	84
	Khuzdar *																	
	Panjgur *	000	0	0	00	00	95	05	0	474	01	1	5	7	0	0	53	01

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 clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	2	18	02	98	03	1	126	86	1	3	5	4	0	77	//	—	/	77.1	—	83.6	—
	Cox's Bazar	000	0	3	09	05	96	02	0	115	87	4	3	5	6	/	80	77	+ 2	+ 1	63.0	−26.7	70.7	140
	Chittagong	000	0	5	13	03	96	02	2	116	86	4	8	4	3	0	77	77	+ 4	+ 1	39.2	−22.3	92.4	108
	Maijdee Court	000	9	4	18	02	96	02	2	100	82	4	2	5	0	0	75	79	+ 2	+ 1	—	—	—	115
	Comilla	008	0	0	18	05	96	02	0	107	87	0	0	9	0	0	//	78	+ 3	+ 2	67.8	+19.0	87.0	94
	Brahmanbaria	103	0	4	18	05	97	03	1	106	85	2	5	4	4	0	75	79	—	—	34.1	− 3.0	43.8	78
	Sylhet	000	9	8	00	00	96	17	9	105	79	6	9	3	2	1	77	78	—	—	95.8	—	124.8	—
	Srimangal	064	9	1	00	00	96	01	6	109	85	0	0	9	0	1	77	75	+ 3	— 1	—	—	—	98
Dacca	Mymensingh	015	2	6	00	00	97	02	6	088	81	6	5	4	0	0	79	79	+ 3	+ 1	49.8	+ 3.8	65.0	91
	Narayanganj	000	0	4	23	03	97	02	2	105	87	3	6	6	3	1	79	78	+ 2	— 1	40.0	+ 4.0	63.0	74
	Dacca (Tejgaon)	000	0	4	23	02	98	03	0	113	85	3	8	4	3	1	75	79	—	—	40.7	—	51.8	—
	Faridpur	000	0	6	20	05	97	02	2	101	85	5	4	5	1	0	79	82	+ 3	+ 1	32.4	− 3.2	46.2	71
Khulna	Barisal	000	0	5	23	02	97	03	2	108	85	5	8	4	0	0	78	79	+ 3	+ 1	—	—	—	81
	Khulna	000	0	4	00	00	97	03	0	///	87	0	9	4	0	0	75	79	— 3	+ 1	37.6	− 0.6	43.7	68
	Satkhira	000	0	6	18	02	97	01	0	109	87	1	3	9	0	1	79	79	+ 2	+ 1	34.3	− 1.0	39.6	65
	Jessore	000	0	5	23	08	97	01	1	098	85	5	6	4	0	0	77	78	—	—	33.0	− 0.0	41.4	65
Rajshahi	Pabna	000	9	2	23	05	99	01	9	093	86	2	2	6	0	0	80	80	—	—	34.4	—	48.2	59
	Sirajganj	000	0	8	18	02	98	03	2	032	94	8	0	7	1	0	77	80	0	+ 1	32.1	− 1.0	39.3	64
	Rajshahi	016	9	6	18	05	96	03	1	088	85	5	5	5	2	/	80	78	—	— 1	44.0	+13.2	58.0	—
	Bogra	043	8	7	23	03	96	02	2	085	82	7	4	4	3	0	79	79	+ 2	+ 1	31.3	− 5.0	42.3	69
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					72
	Rangpur	156	9	5	09	02	96	03	6	082	85	5	0	0	1	0	79	80	+ 6	+ 3	47.2	+ 2.7	65.9	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	3	13	03	96	02	0	070	82	3	3	6	0	0	75	80	— 2	+ 2	12.4	− 0.8	17.0	19
	Sialkot																							32
Rawalpindi	Jhelum	006	9	5	05	02	97	91	9	078	86	4	3	6	3	0	70	77	—	—	19.3	—	27.6	—
	Islamabad																							—
	Rawalpindi	016	1	7	05	02	99	29	9	085	74	7	5	6	0	0	70	71	+ 2	— 4	16.7	− 1.4	26.8	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	09	//	97	00	0	064	60	0	0	9	0	0	78	79	— 1	— 2	3.8	− 4.7	7.2	15
	Sargodha	000	0	0	09	02	97	02	0	067	82	0	0	9	0	0	75	78	—	—	15.4	—	19.0	—
	Lyallpur	000	0	0	07	02	96	00	0	053	85	0	0	9	0	0	75	80	+ 1	+ 1	4.6	− 2.5	7.6	12
Multan	Sahiwal																							10
	Multan	000	0	0	18	09	97	02	0	052	87	0	0	9	0	0	77	85	+ 4	+ 3	8.0	+ 3.8	11.0	7
	Leiah	000	0	0	27	00	93	00	0	034	85	0	0	9	0	0	72	75	—	—	1.0	—	2.7	8
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					6
	Bahawalpur	000	0	0	00	00	96	00	0	060	86	0	0	9	0	0	72	82	— 2	+ 2	0.7	− 3.3	2.0	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdra	000	0	2	00	00	98	03	0	052	76	2	1	7	0	0	66	70	—	—	3.0	—	12.4	—
	Peshawar	000	0	0	00	00	96	05	0	064	82	0	0	9	0	0	73	78	— 1	+ 1	4.0	+ 0.5	12.6	11
	Haripur	036	5	3	23	02	98	01	6	084	72	3	0	9	7	0	68	69	—	—	6.0	—	16.8	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	064	85	0	0	9	0	0	64	75	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	056	85	0	0	9	0	0	79	80	—	— 1	1.6	− 2.8	4.1	9
Quetta	Sibi	000	0	0	18	03	97	02	0	065	88	0	0	9	0	0	68	87	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	36	03	96	02	0	047	89	0	0	9	0	0	21	75	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	23	02	96	00	0	913	80	0	0	9	0	0	71	76	—	—	0.2	—	0.2	—
	Jiwani	000	0	1	23	02	96	01	0	002	78	1	0	9	3	0	72	75	/	—	0.0	—	2.0	5
	Pasni	000	0	0	31	04	97	02	0	088	78	0	0	0	0	0	72	63	— 1	— 12	0.0	− 1.0	0.0	6
Karachi division	Ormara	000	0	1	27	05	96	02	2	089	78	1	6	6	0	0	75	14	—	—	0.0	− 0.8	0.6	6
	Lasbela	///	0	3	00	00	98	00	0	080	78	0	0	7	0	0	73	69	—	—	0.7	—	0.7	8
	Karachi (Manora)	000	0	2	25	09	96	02	0	082	78	2	6	4	0	0	74	77	— 1	— 1	1.0	− 4.4	1.1	8
	Karachi (Ariport)	000	0	6	27	09	96	03	1	080	79	6	6	5	0	0	72	77	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar	000	0	6	18	02	97	02	0	011	83	0	0	6	6	0	73	77	—	—	—	—	—	—
	Chhor	003	0	0	23	09	96	02	0	076	80	0	0	9	0	0	73	75	—	—	0.2	—	0.3	7
	Hyderabad	000	0	0	23	07	97	02	0	071	81	0	0	9	0	0	72	77	+ 4	— 2	0.2	− 5.1	0.3	9
	Badin	000	0	0	23	03	96	02	0	057	78	0	0	9	0	0	74	77	—	—	0.3	− 5.4	0.3	—
Khairpur	Padidan	000	0	0	13	03	97	02	0	065	81	0	0	9	0	0	72	77	—	—	0.8	—	0.8	—
	Nawabshah	000	0	0	13	05	96	02	0	059	79	0	0	9	0	0	74	75	—	—	1.0	—	1.1	4
	Sukkur	000	0	0	23	05	96	02	0	061	86	0	0	9	0	0	73	82	—	—	0.1	—	0.1	—
	Kashmore	000	0	0	18	02	98	02	0	065	86	0	0	9	0	0	74	82	—	—	—	—	—	4
	Jacobabad	000	0	0	18	03	96	02	0	065	86	0	0	9	0	0	78	83	— 1	+ 2	0.5	− 1.6	0.8	20
unagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							39
Rawalpindi	Murree *	011	2	8	13	03	97	03	9	512	56	8	5	4	/	/	52	56	0	0	—	—	—	18
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2		—		—	29
	Cherat *	000	0	0	18	01	98	00	0	498	78	0	0	9	0	0	64	//	+ 1	/	14.0	—	24.7	—
	Kakul *	006	3	5	31	01	97	17	9	510	//	4	9	5	3	0	68	68	—	—	2.0	—	12.5	—
	Landikotal *	000	0	0	31	05	98	02	0	456	79	0	0	9	0	0	70	71	— 3					29
	Parachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				13
D.I. Khan	Miranshah *	000	8	4	05	05	98	02	0	402	74	4	0	9	0	0	58	69		/	0.5	− 2.1	2.8	11
	Wana *	000	0	0	00	00	99	00	0	470	86	0	0	9	0	0	71	//			1.2	—	4.1	11
Quetta	Fort Sandeman *	000	0	0	00	00	97	02	0	480	74	0	0	9	0	0	56	70	/	— 3	2.0	− 2.4	6.3	—
	Hindubagh *	000	0	0	00	00	97	02	0	426	70	0	0	9	0	0	61	63	—	—	2.7	—	6.0	9
	Loralai *	000	0	0	27	02	98	00	0	370	75	0	0	9	0	0	30	57	—	—	0.6	—	0.6	—
	Barkhan *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					14
	Harnai *	000	0	0	00	00	96	02	0	472	82	0	0	9	0	0	64	//	—	/	2.7	− 3.4	4.5	9
	Samungli (Quetta) *	000	0	0	18	02	96	05	0	497	72	0	0	9	0	0	62	64	—	—	0.5	− 0.5	3.1	8
	Chaman *	000	0	0	13	03	97	00	0	485	79	0	0	9	0	0	54	71	0	+ 1	2.1	+ 2.0	4.8	—
	Nushki *	000	0	0	00	00	95	05	0	522	83	0	0	9	0	0	48	79	—	—	0.5	—	2.6	4
	Dalbandin *	000	0	0	00	00	96	02	0	473	75	0	0	9	0	0	22	67	— 1	— 2	0.0	− 0.2	0.5	7
Kalat	Kalat *	000	0	0	16	02	97	02	0	470	65	0	0	9	0	0	50	57	— 4	+ 1	0.8	− 0.3	2.2	—
	Khuzdar *	009	9	0	00	00	96	02	9	482	75	5	9	9	5	3	//	71		—	1.8	—	3.1	5
	Panjgur *	000	0	0	00	00	95	05	0	487	78	0	0	9	0	0	63	73	+ 3	+ 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

MONDAY THE 25th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	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														
Bethsabee	99 2 42	10 5 85	24 0 04	01 7 05	98 0 20	06 3 29	00 9 00		74 4 05		05 5 24	13 1 46	30 1 01	
Bethsabee	99 2 55	10 5 74	24 0 64	31 2 10	98 0 20	09 8 31	32 3 00		74 2 16		00 0 25	13 1 08	30 2 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
		PoPoPo ToToTo DoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	007 258 19	...	475 188 //	156 118 63	568 055 47	740 163 68	952 295 //	...	...	...	...	...	...
Dacca ...	00 00	008 280 25	...	500 184 56	138 100 60	586 059 59	757 163 16	970 291 74	249 /48 3//	...	...	...	.	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	059 290 47	...	500 214 89	140 084 55	584 085 //	753 195 //	963 305 //	243 445 //	...	...	...	...	...
Multan ...	00 00	991 295 58	...	450 202 57	104 096 59	157 153 //	741 269 //	942 413 //	056 202 0/	..	...	...	..	...
Peshawar ...	00 00	65/ 260 35	...	400 244 57	113 114 56	584 053 //	756 155 //	969 261 //	251 441 //	...	...	..	...	...
Quetta ...	00 00	820 206 57	...	...	131 118 59	583 109 //	751 211 //	957 329 //	239 41/ //	...	...	...	...	...
Sargodha ...	00 00	585 300 30	...	4/0 2/0 58	1/2 110 58	586 105 //	755 191 //	.	...	...	...	...	..	...

STATION	Time of ascent in G.M.T.	At Significant Levels.									Max. Wind Speed	TROPOPAUSE	
		PPP TT T_a DD									PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 218 34	800 166 //	600 038 50	350 209 70	...	..	...	...	...	...	...	...
Dacca ...	00 00	900 218 57	800 146 56	600 020 50	350 219 56	...	...	...	...	...	...	..	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	..	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	..	...	...	...	...	...	...

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date (dd fff)						At 0600 hrs. G.M.T. † of date (dd fff)										
	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	3.4	4.5	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	215 17	220 19	220 19	230 22	235 24				...	225 18	245 19	...	...	...	...	235 12	245 13	245 16		...		...	...	..	...	...
Chakla ...		295 08	285 07	283 04	290 04	310 08	315 08	315 12	300 10	...	110 05	120 06	145 08	..	...	...	120 04	175 04	280 07	250 07	345 07	020 06		005 06	...	...
Chhor ...	230 11	215 09	155 09	150 05	015 05	290 05	010 02	235 01	195 04	210 15	205 17	195 19	150 04	090 17	024 16	222 10	002 85	172 05	205 02	251 85	150 14	121 25	360 04	110 07	...	..
Chittagong ...	235 08	240 07	235 06	225 03	235 04	255 07	300 05	035 02	115 02			...	...	...		160 8	190 08	205 0/	225 10	245 09	265 10	270 12	...	...	...	...
Cox's Bazar ...	270 09	260 09	270 05	260 03	21/ 24	160 03			..	220 06	240 06	240 04	260 07	/// //	285 10	275 09	220 09	200 09	260 05	265 05	300 10	295 10	305 12	315 13	...	...
Dacca ...	195 12	185 12	225 13	235 17	245 20	250 15	245 17	260 11	250 10	...	-		...			210 10	205 13	210 13	210 12	/20 /8	240 17				..	...
Dalbandin ..	...	...	250 06	240 08	240 05	260 10	250 04	200 08	235 10	...	...	255 06	205 06	190 07	250 09	...	...	260 02	225 05	265 03	275 05	285 05	240 12	260 12	...	
D. I. Khan ...	...	..	...		...		...	...	...	110 08	165 10	155 11	170 10	160 08	170 06	085 08	090 11	090 13	165 16	170 12	175 11	025 06	295 13	295 12	315 11	195 05
Drosh ..	...	..	...	225 19	215 13	201 31	145 07	015 09	315 08		...	-	..		...	..	...	...	...				...	...	.	..
Fort Sandeman ...	...	..	...	115 07	140 08	255 03	310 15	303 15	295 11	...	...	.	230 03	225 07	285 13	...	...	...	310 03	290 88	275 08	015 06	360 04	360 05	...	...
Jacobabad ...	185 12	175 09	185 10	200 09	110 09	050 07	035 23	351 20	310 13	175 27	175 03	175 21	205 04	335 04	025 12	155 17	175 19	170 52	170 21	165 16	150 10	105 08	020 11	020 12	..	...
Jessore .	205 13	215 15	215 15	230 14	261 2/	255 15	205 3/	315 04		225 21	225 25	240 21	260 10	260 11	270 15	215 12	225 13	210 15	245 15		...	...	...	-	..	..
Jhelum ...	195 06	185 08	215 00	260 06	335 08	335 07	310 11	295 10	290 13	090 08	130 15	165 11	250 06	300 08	315 15	155 03	175 08	195 06	275 10	310 13	315 11	345 13	330 13	275 13	...	...
Jiwani ...	155 09	200 06			...	...		-	...	200 05	230 03	170 03	010 03	100 09	050 13	085 09	205 04	290 02	...	...	...	...	...	...	...	...
Karachi ...	250 18	265 17	230 09	050 07	055 10	070 10	040 03	350 25	350 07	...	...	...	..			270 13	275 10		...	...	...	...				
Khanpur ...	220 06	230 08	230 09	255 10	255 08	160 07	090 11	055 10	070 12	225 17	205 12	215 13	215 19	240 13	260 15	240 12	225 17	225 12	220 25	215 24	235 15	205 10	120 02	145 07	115 17	240 31
Lahore .	140 04	170 06	175 05	250 06	300 9/	320 07	305 08	315 12	350 15	155 09	190 09	180 06	020 04	345 0/	325 09	075 05	095 07	170 06	215 06	290 09	335 13	330 14	330 18	280 12	...	..
Multan ...	225 08	221 07	221 09	135 11	055 03	335 05	345 10	370 13	...	180 20	195 24	20 29	220 29	215 24	...	310 37	215 43	215 44	210 41	203 77	202 77	305 08	300 12	320 12	...	...
Nawab Shah ..	120 07	115 08	120 07	115 05	110 05	065 04	010 03	365 04	100 11	155 14	145 07	085 05	065 06	055 10	060 16	140 09	125 08	035 09	040 08	065 10	060 13	165 03	260 04	210 08	..	.
Panjgur ...	...	...		030 01	270 50	260 09	340 01	250 10	200 02	...		...	230 12	315 09	345 06	...	...		310 05	360 14	005 07	125 08	065 11	315 10	...	...
Peshawar ...	...	065 11	130 08	165 11	205 11	295 15	250 20	235 34	200 40	...	335 10	270 08	220 10	215 09	245 05	...	060 04	165 03	225 06	220 05	245 04	310 13	275 15	275 14	...	...
Quetta ..	...	...		...	075 04	305 07	300 10	...	..	...	...	...	230 12	315 09	345 06	...	..		...	060 02	025 01	310 07	300 07	300 08	...	...
Sargodha ...	175 04	200 03	200 03	295 06	340 11	350 17	330 13	265 15	270 19	090 07	180 11	180 09	240 07	285 05	275 13	080 05	65 06	170 06	180 06	220 05	295 08	340 25	325 27	335 30	...	...
Sylhet ...	245 05	250 //	255 15	255 15	...	...	...	...	...	No	Ascent	...	...	..	..	215 05	225 08	...	..	...	..	..	...	...	.	...
Veraval ...	...	...	...	...	...	..	...	...	...	...	...	.				...		...	..	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi .	255 20	255 22	230 19	230 15	345 13	040 80	050 21	020 17	022 13	..	.	...	...	.	...	...	...	...
Peshawar ...																		
Quetta																		

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

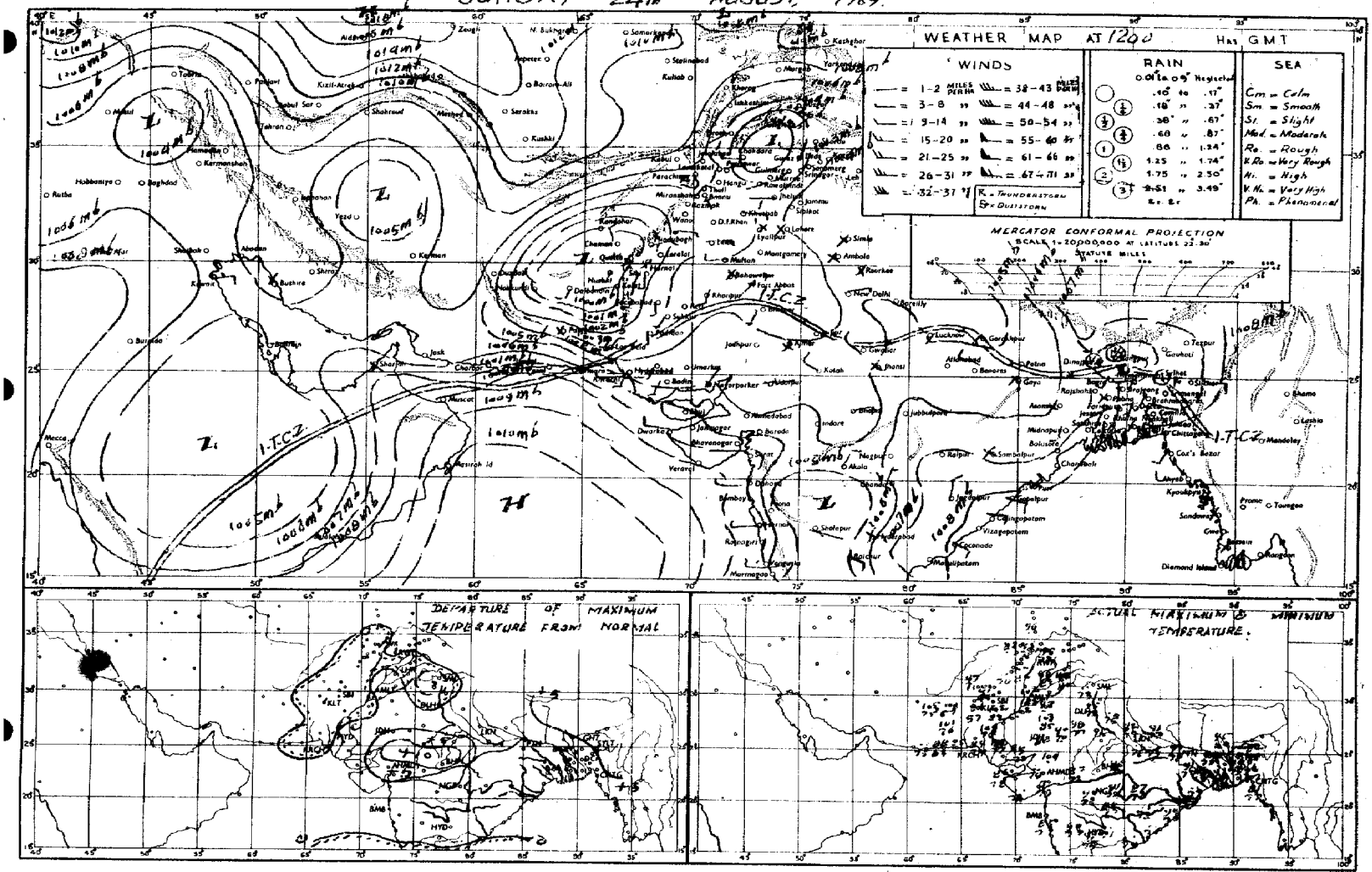
dd Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

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

PAKISTAN DAILY WEATHER MAP

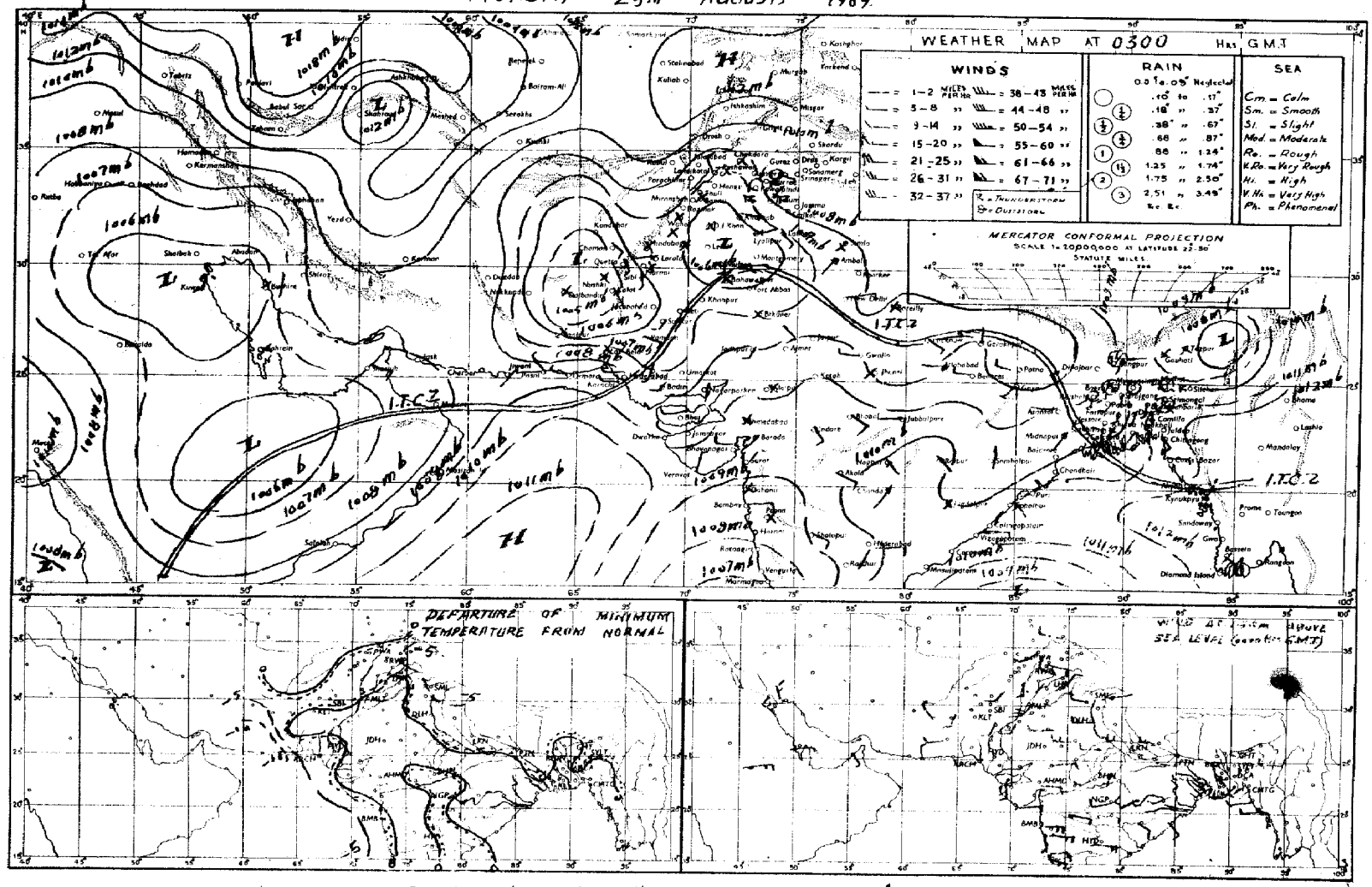
SUNDAY 24th AUGUST 1969.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 25th AUGUST, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 26th AUGUST 1969.

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

Monsoon trough of low pressure lies over Sub-Himalyan West Bengal. Local rain/thundershowers have occurred in Dacca and Rajshahi divisions and scattered in Khulna and Chittagong divisions. Yesterday's westerly low pressure wave is moving across Kashmir and has accentuated the seasonal trough of low pressure over central division of West Pakistan. The well marked low pressure area off Kerala-Mysore coast persists local thunderstorm/showers have occurred in Rawalpindi and Peshawar divisions and scattered in D. I. Khan and Kalat divisions.

Chief amounts of rainfall are : Sylhet 5", Mymensingh and Rangpur 2" each and Faridpur, Barisal, Rawalpindi, Murree and Peshawar ½" each.

Day temperatures were 2—5 °F (1—2 °C) above normal in Chittagong, Dacca, Khulna, Sargodha, Multan, Bahawalpur and Hyderabad divisions and to the same extent below normal in Lahore and Khairpur divisions.

Forecast valid until the evening of 27th August 1969 :—Local thunderstorm/showers are likely to occur in East Pakistan and scattered in Quetta, D. I. Khan, Peshawar, Rawalpindi, Sargodha and Lahore divisions and Kashmir.

Karachi-11
The 26th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

DIVISION (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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	0	3	18	02	98	01	1	075	85	2	3	6	7	/	76	90
	Cox's Bazar ...	000	0	5	21	07	97	02	0	074	85	4	4	5	2	0	80	87
	Chittagong ...	000	0	6	23	05	96	02	2	072	85	3	4	4	3	1	76	89
	Maijdee Court ...	000	9	3	13	05	96	02	2	061	86	3	2	5	0	0	77	87
	Comilla ...	000	0	0	18	08	96	02	0	068	86	0	0	9	0	0	78	90
	Brahmanbaria ...	000	0	6	27	05	96	03	1	068	86	6	3	5	0	0	77	90
	Sylhet ...	017	9	8	00	00	96	61	9	054	77	6	5	4	7	7	76	85
	Srimangal ...	230	1	6	00	00	96	50	6	066	80	6	5	4	0	0	//	90
Dacca	Mymensingh ...																	
	Narayanganj ...	000	0	3	13	02	96	03	1	061	87	2	6	6	3	/	89	90
	Dacca (Tezgaon) ...	000	0	6	00	00	97	07	2	062	86	5	3	4	2	0	78	90
	Faridpur ...	020	0	8	34	05	95	95	2	063	76	/	/	/	0	0	73	85
Khulna	Barisal ...	003	0	6	00	00	97	50	9	062	84	5	3	4	7	0	79	91
	Khulna ...	000	0	6	18	05	97	03	0	031	90	2	2	4	0	0	73	93
	Satkhira ...	000	0	6	18	02	97	01	0	069	86	2	3	9	0	/	85	90
	Jessore ...	000	0	5	19	06	97	02	2	056	87	3	3	4	3	4	78	90
Rajshahi	Pabna ...	799	5	8	23	02	96	95	9	050	77	8	9	6	/	/	76	//
	Siraiganj ...	080	3	8	18	03	97	02	6	056	//	8	0	7	8	0	78	87
	Rajshahi ...	000	4	8	18	03	95	17	9	054	82	8	7	5	/	/	77	90
	Bogra ...	005	0	7	23	05	96	02	2	045	80	5	8	4	3	1	78	87
	Dinajpur ...	014	6	7	09	02	96	02	6	035	81	7	5	6	/	/	77	87
	Rangpur ...	060	5	7	13	02	96	61	9	95)	82	7	5	6	0	/	80	91
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	1	05	02	96	02	0	029	93	1	0	9	3	0	70	93
	Sialkot ...	000	0	0	00	00	97	03	0	999	91	0	0	9	0	0	80	93
Rawalpindi	Jhelum ...	000	8	0	00	00	97	01	6	029	93	0	0	9	0	0	73	96
	Islamabad ...																	
	Rawalpindi ...	000	0	0	00	00	99	00	0	023	91	0	0	9	0	0	73	93
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	0	09	//	97	00	0	020	96	0	0	9	0	0	//	00
	Sargodha ...	000	0	1	23	02	97	01	0	019	96	1	/	6	0	0	76	98
	Lyallpur ...	000	8	4	36	02	96	02	0	016	96	4	0	9	4	0	73	00
Multan	Sahiwal ...																	
	Multan ...	000	0	3	18	09	97	03	0	019	00	1	0	9	3	0	67	02
	Leiah ...	000	0	8	27	00	94	17	0	012	96	0	8	7	0	0	70	96
Bahawalpur	Khanpur ...	000	0	0	23	02	97	02	0	021	00	0	0	9	0	0	70	02
	Bahawalpur ...	000	0	0	00	03	96	03	0	031	00	0	0	9	0	0	67	01
	Fort Abbas ...	///	/	0	23	02	98	03	0	001	14	0	0	9	0	0	91	14
Peshawar	Chakdra ...	020	0	7	36	03	96	03	0	020	82	7	3	7	0	0	62	94
	Peshawar ...	000	2	7	32	13	97	17	9	013	91	6	3	6	2	0	72	96
	Haripur ...																	
D. I. Khan	Bannu ...	000	1	7	31	05	97	17	9	014	96	5	3	6	6	0	73	98
	D. I. Khan ...	000	0	0	00	00	98	00	0	005	98	0	0	9	9	0	77	02
Quetta	Sibi ...	000	0	4	18	03	97	03	1	020	04	2	2	9	4	0	56	05
	Nokkundi ...	000	0	0	00	00	56	02	0	994	04	0	0	9	0	0	41	05
Kalat	Turbat ...	000	0	0	23	02	96	00	0	905	96	0	0	9	0	0	71	//
	Jiwani ...	000	0	3	18	10	96	03	0	062	84	2	7	5	0	0	72	90
	Pasni ...	000	0	0	25	08	97	02	0	064	85	0	0	0	0	0	75	88
Karachi division	Ormara ...	000	0	1	27	17	96	02	2	071	83	1	6	6	0	0	77	84
	Lasbela ...	///	0	3	13	03	97	00	0	033	99	0	0	8	0	0	80	03
	Karachi (Manora) ...	000	0	1	27	09	97	03	0	051	81	1	6	4	0	0	73	84
	Karachi (Ariport) ...	000	0	2	27	12	96	03	0	055	84	2	6	5	0	0	72	88
Hyderabad	Nagarparkar ...	000	0	6	18	02	97	02	0	099	99	0	6	6	0	0	99	00
	Chhor ...	000	0	1	23	12	96	01	0	037	95	1	5	6	0	0	69	97
	Hyderabad ...	000	0	1	23	10	96	06	0	37	93	1	0	9	3	0	73	01
	Badin ...	000	0	0	23	06	96	02	0	061	95	0	0	9	0	0	72	96
Khairpur	Padidan ...	000	0	0	18	05	96	02	0	029	00	0	8	9	0	0	76	01
	Nawabshah ...	000	0	0	18	05	96	02	0	036	99	0	0	9	0	0	62	00
	Sukkur ...	000	0	0	13	02	96	02	0	017	03	0	0	9	0	0	76	05
	Kashmore ...	000	0	0	11	02	98	02	0	031	00	0	0	9	0	0	69	02
	Jacobaba ...	000	0	0	13	05	97	02	0	027	99	0	0	9	0	0	71	00
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ..	000	0	8	09	03	95	03	1	482	68	0	5	2	/	/	63	72
Peshawar	Drosh * ...	000	5	7	23	22	96	01	9	459	84	6	8	7	2	0	43	91
	Cherat * ...	000	0	5	18	02	96	03	1	472	82	4	5	6	0	0	63	87
	Kakul * ...	006	2	3	23	02	96	03	4	474	83	3	1	5	0	0	70	82
	Landikotal * ...	000	0	6	31	05	98	03	0	488	82	6	7	6	/	/	78	95
	Prachinar * ...	009	4	3	00	00	98	29	9	477	72	2	5	6	6	0	56	80
D.I. Khan	Miranshah * ...	000	0	8	05	05	97	02	0	497	86	8	0	9	8	0	85	93
	Wana * ...	000	0	1	03	04	99	00	0	455	87	0	0	9	0	0	81	91
Quetta	Fort Sandeman * ...	000	2	5	28	07	97	03	1	446	93	5	5	7	0	0	//	95
	Hindubagh * ...	000	0	6	09	03	95	03	0	360	95	8	1	5	0	0	61	96
	Loralai * ...	000	0	0	18	02	98	00	0	390	95	0	0	9	0	0	69	95
	Barkhan * ...																	
	Harnai * ...	000	0	6	00	00	96	03	2	458	92	0	4	7	0	0	61	94
	Samungli (Quetta) * ...	000	0	4	27	07	96	05	0	464	90	4	6	6	0	0	69	95
	Chaman * ...	000	0	0	18	05	97	00	0	420	95	0	0	9	0	0	47	97
	Nushki * ...	000	0	0	00	03	95	05	0	526	98	0	0	9	0	0	66	99
	Dalbandin * ...	000	0	0	23	03	96	02	0	480	03	0	0	9	0	0	11	04
Kalat	Kalat * ...	000	0	5	31	02	96	02	1	453	78	0	4	9	0	0	60	84
	Khuzdar * ...	010	2	6	00	00	97	17	9	454	78	4	5	4	8	7	49	94
	Panjgur * ...	000	0	0	00	00	95	05	0	468	00	0	0	9	0	0	61	02

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

DIVISION (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (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, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	2	18	02	98	01	1	111	84	/	4	6	7	4	77	79	—	—	77.1	—	83.6	—
	Cox's Bazar	000	0	5	15	06	97	02	1	099	84	3	5	4	3	1	79	77	+ 2	+ 1	63.0	−27.6	70.7	140
	Chittagong	000	0	6	13	05	96	03	2	100	86	4	4	4	0	1	79	77	+ 3	+ 1	39.2	−23.0	92.4	108
	Maijdee Court	000	9	7	00	00	96	03	2	083	85	5	2	5	2	0	73	79	+ 2	+ 1	—	—	—	115
	Comilla	000	0	4	18	05	96	02	1	087	86	4	4	5	0	0	75	73	+ 3	+ 4	67.8	+18.5	87.0	94
	Brahmanbaria	000	0	4	08	05	97	03	/	089	84	5	5	5	0	0	77	81	—	—	34.1	− 3.2	43.8	78
	Sylhet	477	9	8	03	00	95	95	9	091	75	7	8	3	2	1	73	73	—	—	10.6	—	129.5	—
	Srimangal	420	9	7	00	00	97	02	2	086	82	7	5	4	0	0	79	//	+ 3	/	53.2	− 6.6	67.4	98
Dacca	Mymensingh																					—		91
	Narayanganj	000	0	5	23	02	97	02	2	086	87	4	6	4	3	/	81	79	+ 2	0	40.0	+ 3.5	63.0	74
	Dacca (Tezgaon)	000	0	6	23	05	97	03	2	084	84	6	6	3	4	0	79	79	—	—	40.7	—	51.8	—
	Faridpur	035	0	5	16	05	97	02	2	092	84	3	4	5	1	0	79	79	− 2	+ 9	32.7	− 2.2	46.2	71
Khulna	Barisal	040	9	6	23	05	97	02	6	083	84	5	6	4	2	0	79	73	+ 4	− 5	—	—	—	81
	Khulna	000	0	4	09	00	97	03	0	///	87	0	0	9	0	0	75	77	+ 5	− 1	37.6	− 1.1	43.7	68
	Satkhira	000	0	6	18	06	97	01	0	097	86	2	3	9	0	1	69	81	+ 2	+ 3	34.3	− 1.3	39.6	65
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	—					65
Rajshahi	Pabna	...	...	...	...	...	...	...	...								...	...	/	—		—		59
	Siraiganj	000	0	8	18	02	98	02	2	077	84	8	0	7	1	0	99	75	0	− 4	32.1	− 1.4	39.7	64
	Rajshahi	004	9	2	18	03	97	01	1	074	84	1	5	6	2	0	81	79	+ 2	0	44.0	+ 1.3	58.0	—
	Bogra	005	0	7	18	03	96	02	2	074	82	4	5	4	3	0	79	79	− 1	+ 1	13.6	−23.2	42.5	69
	Dinajpur	...	...						...							...	...	...	− 2					72
	Rangpur	183	8	7	13	02	96	03	9	072	82	7	6	6	0	0	79	//	+ 2	/	49.0	+ 4.0	76.7	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	8	0	00	00	95	05	6	049	84	0	0	9	0	0	73	79	− 4	+ 2	12.4	+ 0.7	17.0	19
	Sialkot	000	0	0	00	00	59	00	0	057	84	0	0	9	0	0	75	56	− 1	+ 11	—	—	—	32
Rawalpindi	Jhelum	000	9	5	00	00	97	03	9	055	79	3	4	6	3	0	69	73	—	—	19.3	—	27.6	—
	Islamabad																							—
	Rawalpindi	036	9	2	00	00	98	01	9	059	73	2	0	9	3	0	68	69	0	− 5	17.1	− 1.3	27.2	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	00	97	00	0	064	81	0	0	9	0	0	79	81	− 1	0	3.8	− 4.8	7.2	15
	Sargodha	000	0	0	09	05	97	02	0	046	82	0	0	9	0	0	73	79	—	—	15.4	—	19.0	—
	Lyallpur	000	0	0	00	00	96	00	0	043	84	0	0	9	0	0	75	79	+ 3	0	4.6	− 2.6	7.6	12
Multan	Sahiwal																							10
	Multan	000	0	0	18	02	97	02	0	038	87	0	0	9	0	0	73	83	+ 4	0	6.0	+ 3.7	11.0	7
	Leiah	000	0	0	19	01	93	00	0	048	82	0	0	9	0	0	67	77	—	—	1.0	—	2.7	8
Bahawalpur	Khanpur	030	0	0	23	02	96	02	0	050	86	0	0	9	0	0	69	79	− 1	0	—	—	—	6
	Bahawalpur	000	0	0	00	00	96	00	0	050	87	0	0	9	0	0	73	81	+ 4	+ 2	0.7	− 3.3	2.0	6
	Fort Abbas	///	/	0	23	04	98	03	0	005	90	0	0	9	0	0	82	79	—	—	—	—	—	8
Peshawar	Chakdra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Peshawar	070	0	1	00	00	57	02	0	066	75	0	0	9	0	1	65	69	—	− 8	4.1	+ 0.7	12.8	11
	Haripur																							—
D. I. Khan	Bannu	020	0	0	23	01	99	//	1	054	81	0	0	9	0	0	68	75	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	031	82	0	0	9	0	0	73	81	+ 2	+ 5	1.6	− 4.0	4.1	9
Quetta	Sibi	000	0	0	13	03	97	03	0	054	86	2	0	9	2	0	66	85	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	36	03	97	02	0	037	84	0	0	9	0	0	31	79	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	27	02	96	00	0	940	79	0	0	9	0	0	71	28	− /	—	0.2	—	0.2	—
	Jiwani	000	0	4	13	05	96	03	0	068	78	4	6	5	0	0	74	74	—	—	0.0	—	2.0	5
	Pasni	000	0	2	29	02	97	02	0	071	77	0	0	0	0	0	74	62	− 1	− 7	0.0	− 0.8	0.0	6
Karachi division	Ormara	000	0	5	27	05	96	06	6	074	76	5	6	6	0	0	77	14	—	—	0.0	− 0.8	0.6	6
	Lasbela	///	0	2	00	00	98	00	0	058	78	0	0	8	0	0	74	70	− 1	—	0.7	—	0.7	8
	Karachi (Manora)	000	0	2	27	03	97	01	2	071	77	1	6	4	1	0	73	76	− 1	− 2	1.0	− 4.4	1.1	8
	Karachi (Ariport)	000	0	5	27	09	96	02	2	070	79	5	6	5	0	0	73	77	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar	000	0	6	18	02	97	02	0	021	82	0	6	6	0	0	77	78	—	—	0.1	—	10.1	—
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					7
	Hyderabad	080	0	3	23	07	97	03	0	057	81	0	0	9	0	1	72	78	+ 6	0	0.2	− 5.1	0.3	9
	Badin	000	0	0	23	02	56	02	0	066	79	0	0	9	0	0	74	77	—	− 1	0.3	− 5.5	0.3	—
Khairpur	Padidan	000	0	0	13	03	97	02	0	056	81	0	0	9	8	0	61	76	—	—	0.8	—	0.8	—
	Nawabshah	000	0	2	18	03	96	03	0	047	81	0	0	9	2	0	72	76	—	—	1.0	—	1.1	4
	Sukkur	000	0	0	13	05	96	02	0	046	83	0	0	9	0	0	72	79	—	—	0.0	—	0.1	—
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				4
	Jacobaba	000	0	0	13	09	96	02	0	048	85	0	0	9	0	0	76	81	− 3	0	0.5	− 1.6	0.8	20
Junagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							3
	Dras **																							6
	Leh **																							—
	Skardu *																							—
	Misgar **																							5
	Aliabad *																							59
	Gilgit *																							
Rawalpindi	Murree *	023	9	2	77	03	98	01	1	489	64	0	0	9	8	0	49	56	+ 2	− 1	—	—	—	18
Peshawar	Drosh *	030	0	1	00	00	98	01	4	495	48	1	1	7	0	0	56	73	− 3	+ 3	—	—	—	29
	Cherat *	030	0	0	00	00	98	00	0	474	73	0	0	9	0	0	56	//	+ 1	/	—	—	—	—
	Kakul *	007	0	3	30	13	98	01	2	474	73	3	0	9	3	0	62	62	—	—	14.0	—	24.8	—
	Landikotal *	000	0	4	36	02	98	//	/	428	79	4	3	1	3	0	73	73	—	—	2.0	—	12.5	29
	Prachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	− 5					13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	358	77	0	0	9	0	0	64	69	—	—	0.5	− 3.1	2.0	11
	Wana *	000	0	0	00	00	99	00	0	508	84	0	0	9	0	0	81	65	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman *	000	0	2	00	00	97	03	0	462	77	0	0	9	2	0	55	71	− 2	+ 10	2.0	− 1.6	6.3	—
	Hindubagh *	000	0	0	00	00	97	02	0	441	70	0	0	9	0	0	57	62	—	—	2.7	—	6.0	9
	Loralai *	000	0	0	27	01	98	00	0	378	75	0	0	9	0	0	66	54	—	—	0.6	—	0.6	—
	Barkhan *																							14
	Harnai *	000	0	0	00	00	96	02	0	442	82	0	0	9	0	0	64	//	—	—	2.7	− 6.4	4.5	9
	Samungli (Quetta) *	000	0	0	13	05	96	05	0	482	30	0	0	9	0	0	56	63	—	—	0.5	− 0.5	3.1	8
	Chaman *	000	0	0	09	03	97	00	0	469	78	0	0	9	0	0	55	73	0	+ 5	2.1	+ 2.0	4.8	—
	Nushki *	000	0	0	03	00	95	05	0	529	81	0	0	9	0	0	45	78	—	—	0.5	—	2.6	4
	Dalbandin *	000	0	0	13	02	96	02	0	469	78	0	0	9	0	0	19	67	− 1	− 2	0.0	− 0.2	0.5	7
Kalat	Kalat *	000	0	0	16	02	97	02	0	478	65	0	0	9	0	0	43	58	− 4	+ 4	0.8	− 0.3	2.2	—
	Khuzdar *	010	0	0	23	03	96	05	0	470	75	0	0	9	0	0	36	72	—	—	1.8	—	3.1	5
	Panjgur *	000	0	0	00	00	95	05	0	464	75	0	0	9	0	0	71	74	+ 4	—	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

TUESDAY THE 26th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV w_w W	PPP TT	$N_hC_Lh_sC_MC_H$	D_sV_sa PP	7RR t_gt_R	$8N_sC_{h_s}h_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{w_1}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Sirdhana	99 2 44	10 6 30	25 0 63	22 5 10	98 0 33	10 1 26	22 / //	63 1 05		8/ / //	05 2 22		30 5 01	24 6 02
Dwarka	92 9 48	10 6 30	24 1 83	32 3 10	97 0 11	09 1 /6	32 4 /0	23 1 03		83 8 94	05 1 2/		...	...

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
		PoPoPo ToToTo DoDo	hhh TTT, DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	096 266 15	...	480 164 78										
Dacca ...	00 00	007 288 23	...	450 206 56	155 126 60	590 035 58	764 117 59	989 253 63	272 457 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	090 260 27	...	500 200 57	090 080 10	582 021 //	755 135 //	970 245 //	252 435 //	...	...	...	...	...
Multan ...	00 03	589 295 58	...	400 235 13	090 074 //	573 151 //	737 371 //	093 400 //	201 495 //	...	...	...	...	...
Peshawar ...	00 00	965 210 20	...	380 174 30	077 096 26	579 047 //	751 135 //	965 253 //	252 391 //	...	...	...	...	...
Quetta ...	00 03	819 201 62	...		104 048 //	572 230 //	727 443 //			...	...	...	...	...
Sargodha ...	00 00	991 270 40	...	600 260 59	214 110 55	592 061 //	763 165 //	974 281 //	256 435 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD								Max. Wind Speed	TROPOPAUSE	
										PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_{a_t}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 196 29	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 240 56	800 184 56	600 644 59	350 173 59	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds 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.

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 fff)						At 0600 hrs. G.M.T. † of date (dd fff)									
	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	3.4	4.5	5.4	6.0	7.2	0.9
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	210 10	240 12	270 12		270 15					215 15						200 08	235 07	285 15								
Chakla's ...		105 02	170 01	247 08	250 06	305 05	285 13	285 09	255 08	...	195 04	100 02	265 06	295 11	...		155 02	125 02	220 03	260 04	225 13	310 25	...	310 27	...	...
Chhor ...	215 15	200 14	180 15	170 06	165 05	045 03	200 03	150 01	195 03	235 19	230 21	215 28	150 20	150 12	130 06	200 10	205 14	200 17	205 19	200 16	175 06	095 11	105 05	125 05	...	...
Chittagong ...	205 17	210 19	210 19	220 15	225 15	240 14	1 /// 13	285 16	...	...	...	...	...	...	...	200 10	210 10	210 19	345 08	285 08	250 09	...	...	...	...	...
Cox's Bazar ...	240 06	240 07	250 05	255 08	/// //		...	...	...	130 06	135 04	130 03	...	075 02	...	225 15	230 12	250 12	260 18	270 17	277 13	300 12	295 15	340 08	...	...
Dacca ...	190 13	190 13	208 17	215 26		220 32				205 15	225 10	240 18	...	223 51	...	220 17	225 13	250 10		275 08						...
Daloandin ...			345 02	335 07	005 98	345 06	350 15	275 13	250 15	...	...	050 02	045 04	355 06	310 03			075 09	070 16	130 01	295 07	305 10	315 17	315 11	...	...
D. I. Khan ...	100 30	155 07	015 09	140 10	170 05	295 10	265 10	275 14	285 12	045 14	075 12	080 04	025 02	205 05	260 09	045 08	039 09	045 08	035 07	220 07	270 09	260 11	230 13	225 19	...	...
Drosh ...	...	..	...	...	...	...	...	...	...	...	...	...	230 01	200 03	035 04	..	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	..	...	200 04	210 02	235 06	255 06	...	...	...	...	...	240 04	215 04	305 09	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	140 58	147 09	135 09	130 59	025 07	04/ 08	230 06	310 07	290 05	175 14	160 08	000 60	085 05	020 08	060 17	145 12	115 13	100 13	100 13	055 12	015 13	020 09	100 10	080 23	...	...
Jessore ...	210 17	220 17	220 15	240 12	255 11	...	...	...	...	240 13	250 15	275 16	...	...	...	230 19	230 16	245 19	275 08	...	...	...	...	...	...	...
Jhelum ...	115 02	220 08	240 03	305 07	290 11	310 13	331 09	300 16	...	330 10	325 10	255 12	255 13	280 11	...	250 03	095 04	155 04	230 00	291 01	320 09	325 12	325 15	315 18	...	...
Jiwani ...	205 11	215 07	240 04	350 03	035 11	065 11	210 01	285 11	...	...	...	...	...	...	...	160 01	270 03	280 05	...	...	...	...	...	...	...	...
Karachi ...	265 18	270 21	270 17	035 06	020 13	035 19	025 04	050 07	095 07	...	...	...	...	...	...	260 07	260 10	...	...	...	...	...	...	...	...	...
Khanpur ...	240 10	235 11	231 01	220 15	231 11	230 04	130 01	100 10	085 10	240 06	255 06	265 07	260 12	230 12	180 09	205 15	210 19	210 21	215 27	210 39	205 41	210 38	205 09	125 00	...	...
Lahore ...	095 05	105 04	180 01	228 20	270 15	315 09	320 17	315 19	340 15	085 04	025 03	225 03	245 06	265 16	285 14	175 01	185 09	245 11	200 09	285 12	250 10	300 17	290 17	285 15	...	...
Multan ...	210 28	210 24	210 23	210 26	230 17	320 10	331 12	270 06	270 15	215 08	215 04	/// //	210 03	080 03	...	225 15	223 23	215 37	215 51	215 30	215 19	260 12	250 13	290 15	...	...
Nawab Shah ...	145 04	120 07	075 07	055 05	030 05	325 03	245 03	270 07	235 07	250 15	240 10	260 05	330 10	240 05	300 03	160 02	235 02	/// //	350 06	010 04	060 09	235 04	245 06	180 06	...	...
Panjar ...													235 08	345 11	015 13										...	...
Peshawar ...	...	200 08	195 06	210 05	180 12	195 25	...	...	...	...	065 03	310 04	310 03	245 09	...	...	...	...	...	...	345 09	015 13	040 13	350 12	230 13	230 15	...	...
Quetta ...	...				195 10	245 12																			...	...
Sargodha ...	195 03	185 04	190 08	205 12	215 12	275 11	315 17	285 15	280 19	110 09	160 11	200 07	205 09	215 12	285 13	090 09	135 10	/// //	205 14	200 11	280 12	250 13	235 17	245 23	...	...
Sylhet ...	265 13	245 23	225 30	..	...	...	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	..	..	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	265 18	275 21	275 13	275 21	275 18	015 14	035 31	045 25	045 13	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

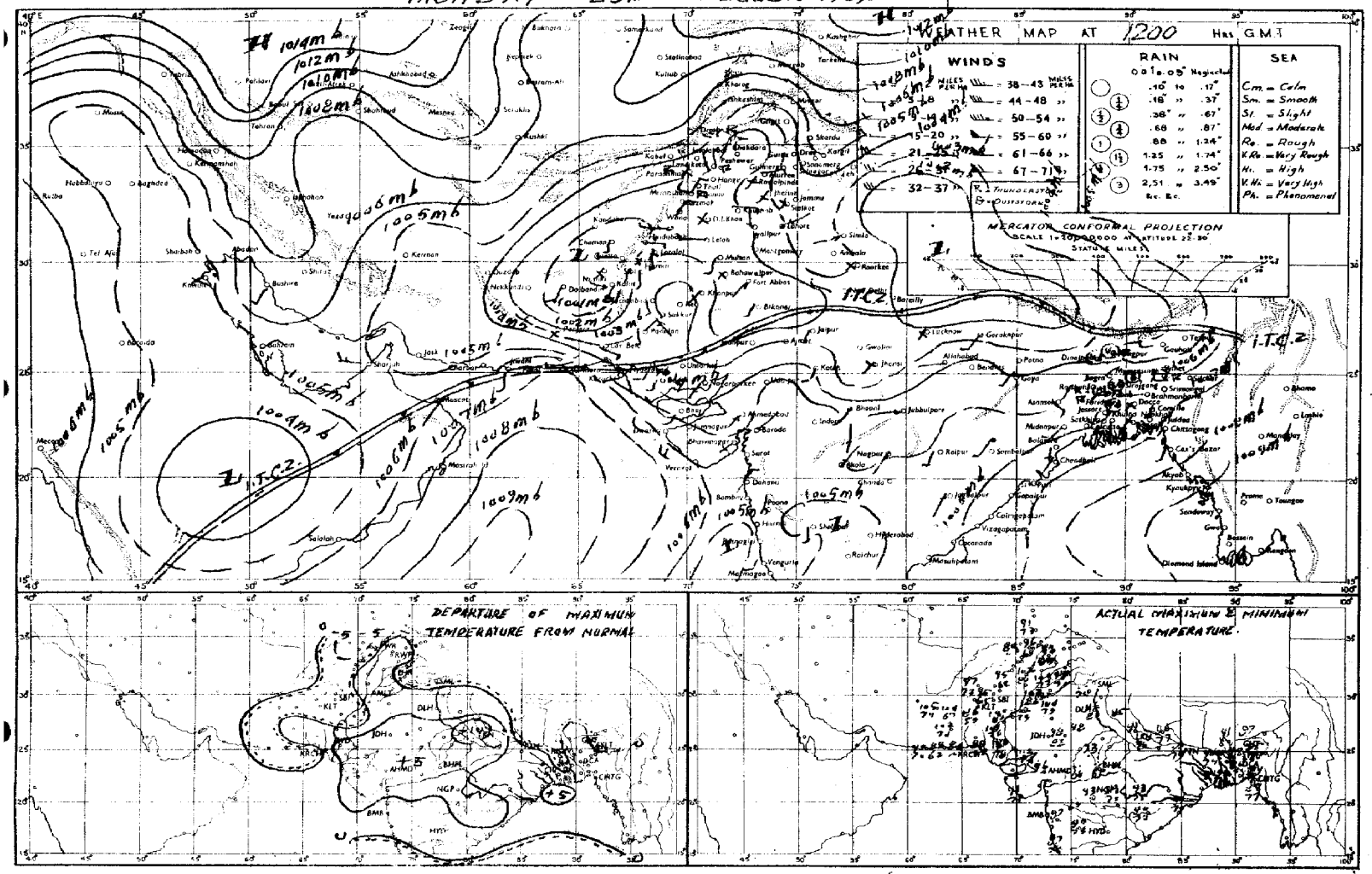
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

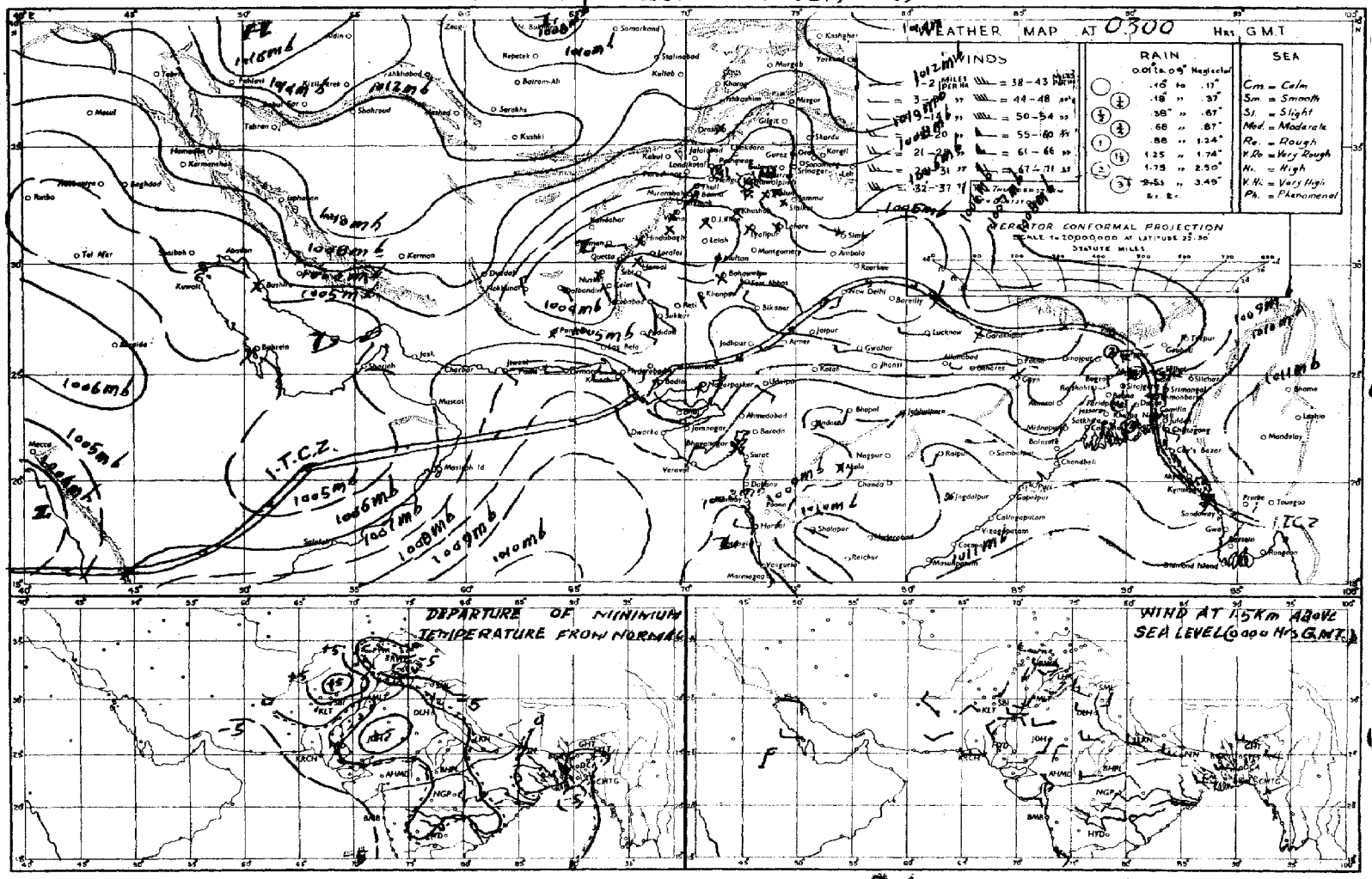
MONDAY 25th AUGUST, 1969.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 26th AUGUST, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY THE 27th AUGUST 1969.

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

Yesterday's well marked low pressure area off Kerala-Mysore coast concentrated into a depression and is centred at 27,0300 G.M.T. with in one degree of latitude 17 °N and longitude 68 °E, likely intensify and move in a northerly direction. Monsoon trough of low pressure area over Sub-Himalyas West Bengal persists. Rain/thundershowers have been local over East Pakistan seasonal trough of low pressure over central divisions of West Pakistan continues to be well marked. A few thunderstorm/light rain have been reported from Peshawar division.

Chief amounts of rainfall are : Maijdee Court 1½", Faridpur 3/4", Rangamati, Cox's Bazar, Sylhet and Rangpur ½" each, Mymensingh, Jessore, Pabna, Sirajganj and Dinajpur ¼" each.

Day temperatures were 3—6 °F (2—3 °C) above normal in Chittagong, Khulna, Lahore, Rawalpindi, Multan, Bahawalpur and Hyderabad divisions and to the same extent below normal over Peshawar, D. I. Khan and Khairpur divisions.

Forecast valid until the evening of 28th August 1969 :— Thunderstorm/showers will be local over East Pakistan. A few thunderstorm/showers may also occur over Hyderabad, D. I. Khan and Peshawar divisions.

Karachi-11
The 27th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVSIO	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 °F	Amount of Lowest Cloud †	Low Cloud from †	Height of Lowest Cloud †	Medium Cloud from †	High Cloud from †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths) °	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	h	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	050	6	5	18	02	98	60	6	061	85	3	3	5	7	/	75	90	059	9	4	13	02	98	03	9	086	84	2	4	6	7	2	77	77			77.7	—	84.2	—
	Cox's Bazar	000	0	6	27	08	96	03	1	049	85	4	2	4	6	/	80	87	061	9	4	18	06	97	01	1	077	82	3	2	5	3	0	77	75	+ 1	— 1	63.6	—27.9	71.3	140
	Chittagong	000	0	6	23	06	96	60	2	057	85	4	3	4	0	1	77	90	000	0	6	18	05	96	03	1	077	84	3	4	5	3	0	77	77	+ 1	+ 1	39.2	—23.5	92.4	168
	Maijdee Court	140	4	8	00	00	95	61	6	046	77	8	7	4	0	0	75	87	140	9	8	00	00	97	01	2	063	87	4	2	5	2	0	81	79	+ 2	+ 1	—	—	—	115
	Comilla	000	0	0	00	00	98	00	0	046	80	0	0	/	0	0	75	/	008	0	4	18	05	96	02	1	068	/	/	4	4	2	0	77	/			67.8	+18.0	87.0	94
	Brahmanbaria	000	8	4	18	00	97	03	1	039	82	3	3	5	4	0	79	87	000	0	6	18	05	97	03	7	068	/	/	4	7	0	0	77	/			34.1	— 3.4	43.8	78
	Sylhet	050	9	6	00	00	96	03	2	042	80	5	4	4	2	0	77	/	066	9	8	05	05	96	95	9	088	81	7	8	3	2	/	77	73			101.2	—	130.2	—
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	014	9	6	18	04	96	02	9	063	82	3	8	4	3	/	75	/						98
Dacca	Mymensingh	000	0	6	00	00	96	02	2	036	80	6	5	4	0	0	80	87	020	9	6	00	00	97	02	2	068	82	6	8	4	0	0	77	75	0	— 3	53.4	+ 6.0	62.5	91
	Narayanganj	000	0	3	23	02	96	03	1	045	82	1	1	6	3	1	77	83	000	9	5	23	02	97	03	2	067	87	4	6	5	3	0	79	81	— 5	+ 2	40.0	+ 3.0	63.0	74
	Dacca (Tezgaon)	002	2	8	23	02	98	01	6	033	82	1	1	6	3	1	79	90	002	9	4	23	05	98	01	2	061	84	3	8	4	3	0	79	81	—	—	40.8	—	52.8	—
	Faridpur	075	5	6	16	02	97	02	6	066	82	5	5	5	1	0	78	90	075	0	7	20	05	97	02	2	068	84	5	4	5	1	0	81	79	+ 3	+ 1	30.5	— 2.8	47.2	71
Khulna	Barisal	012	5	8	23	02	96	02	5	045	87	5	4	5	/	/	72	90	012	9	7	23	02	97	03	6	065	84	5	8	4	1	1	80	81	+ 3	+ 3	—	—	—	81
	Khulna	030	0	4	18	05	97	03	0	043	86	2	2	4	0	0	/	92	000	0	4	23	05	97	03	0	055	86	2	2	4	0	0	81	77	+ 4	+ 3	37.6	— 1.5	43.7	68
	Satkhira	000	0	6	18	01	97	01	0	098	82	2	3	9	/	/	80	90	000	0	6	23	02	97	01	1	071	87	4	6	5	3	0	81	81	+ 4	+ 3	34.3	— 1.6	39.6	65
	Jessore	012	6	7	23	16	97	17	9	039	86	5	5	9	4	2	80	90	026	9	6	23	07	97	02	9	058	84	5	7	3	0	8	81	77	+ 1	+ 1	—	—	—	65
Rajshahi	Pabna	073	3	5	18	05	96	03	6	029	86	3	5	7	8	6	82	/	023	0	4	23	05	98	01	1	071	86	1	0	9	3	0	81	79	—	—	32.3	— 1.6	40.0	59
	Sirajganj	000	0	6	18	02	97	02	2	051	85	6	0	7	8	0	78	87	018	9	6	18	02	98	03	1	056	84	6	2	6	3	0	81	79	—	—	—	—	—	64
	Rajshahi	118	2	6	00	00	95	03	9	042	77	5	7	5	2	/	77	91																		+	—				
	Bogra	000	2	7	18	03	95	29	9	033	80	1	3	6	7	/	78	90	000	1	6	18	03	96	61	6	057	...	...	...	7	1	/	79	79	+ 3					
	Dinajpur	000	9	7	00	00	96	02	2	027	85	7	5	6	0	/	79	87	032	8	1	09	02	96	02	1	056	82	4	5	7	1	/	79	79	+ 2	+ 1	13.6	—23.6	42.5	69
	Rangpur	019	8	7	00	00	96	03	6	041	82	7	6	6	0	0	79	85	061	8	7	11	02	96	01	6	062	82	3	5	6	2	0	79	79	— 2	+ 1	—	—	—	72
Kashmir	Jammu	...																																		— 4	+ 2	49.6	+ 4.1	77.1	84
Lahore	Lahore (Jail Rd.)	000	0	0	23	02	96	02	0	012	98	0	0	9	0	0	68	00	000	0	0	18	02	96	02	0	020	87	0	0	9	0	0	73	81	+ 3	+ 4	12.4	+ 0.6	17.0	19
	Sialkot	...																																							32
Rawalpindi	Jhelum	000	0	0	09	02	97	02	0	017	95	0	0	9	0	0	72	98	000	0	0	00	00	97	02	0	022	84	0	0	9	0	0	75	77	—	—	19.3	—	27.6	—
	Islamabad	...																																							
	Rawalpindi	...																																							
	Campbellpur	000	0	0	00	00	99	00	0	022	91	0	0	9	0	0	70	94	000	0	0	00	00	98	00	0	032	79	0	0	9	0	0	73	73	+ 1	— 1	17.1	— 1.5	27.2	36
Sargodha	Khushab	000	0	0	09	/ /	98	00	0	020	95	0	0	9	0	0	79	95	000	0	0	00	00	97	00	0	064	91	0	0	9	0	0	79	/ /	—	—	3.8	— 4.8	7.2	15
	Sargodha	000	0	0	09	03	97	02	0	008	96	0	0	9	0	0	73	98	000	0	0	05	03	96	04	0	025	81	0	0	9	0	0	81	79	—	—	15.4	—	19.0	—
	Lyallpur	000	8	0	29	02	98	00	0	017	96	0	0	9	0	0	72	03	000	0	0	00	08	96	00	0	023	84	0	0	9	0	0	75	81	+ 6	+ 2	4.6	— 2.6	7.6	12
Multan	Sahiwal	...																																							10
	Mutten	000	0	1	23	09	97	02	0	009	00	1	0	9	3	0	66	03	000	0	2	27	03	97	02	0	022	87	0	0	9	8	1	75	81	+ 3	— 1	8.0	+ 3.7	11.0	7
	Leiah	...																																							8
Bahawalpur	Khanpur	000	0	0	23	02	97	02	0	006	03	0	0	9	9	/	63	03	000	0	3	23	05	96	02	/	038	86	0	0	9	0	0	67	79		0					6
	Bahawalpur	000	0	0	00	05	96	00	0	029	03	0	0	9	0	0	66	01	000	0	0	00	00	96	00	0	029	86	0	0	9	0	0	69	81	+	+ 4	0.7	— 3.3	19.6	6
	Fort Abbas	///	0	0	23	01	98	00	0	///	00	0	0	9	0	0	99	/ /	///	/	0	03	04	98	00	0	006	91	0	0	9	0	0	83	79	—	—				8
Peshawar	Chakdra	000	0	0	00	00	98	02	0	077	96	0	0	9	0	0	79	91	030	0	1	03	02	98	02	0	050	74	0	0	9	0	0	63	65	—	—	4.1	+ 0.6	12.8	11
	Peshawar	000	0	6	31	25	97	03	1	021	90	3	3	6	0	2	69	91	000	0	0	00	00	97	02	0	026	84	0	0	9	0	0	68	75	—	—	—	—	—	—
	Haripur	...																	000	0	0	05	03	98	00	0	043	74	0	0	9	0	0	65	68	—	—				
D. I. Khan	Bannu	000	2	5	05	01	98	03	5	007	94	3	2	7	4	0	70	98	020	0	0	00	00	98	00	0	030	82	0	0	9	0	0	73	79	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	5	00	00	98	00	0	022	96	0	0	7	9	0	75	96	000	0	0	00	00	98	00	0	024	99	0	0	9	0	0	73	81	—	—	1.6	— 1.0	4.1	9
Quetta	Sibi	000	0	0	18	03	97	02	0	998	07	0	0	9	0	0	56	08	000	0	0	00	00	97	02	0	035	85	0	0	9	0	0	62	85	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	31	07	97	02	0	999	00	0	0	9	0	0	35	04	000	0	0	36	03	97	02	0	304	86	0	0	9	0	0	48	73	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	13	02	96	00	0	911	02	0	0	9	0	0	70	02	000	0	0	23	02	96	00	0	933	79	0	0	9	0	0	73	23	—	—	0.2	—	0.2	5
	Jiwani	000	0	2	18	10	96	02	0	046	83	2	6	5	0	0	73	86	000	0	6	00	00	98	03	0	063	78	6	6	5	0	0	72	76	—	—	0.0	—	2.0	6
	Pasni	000	0	0	25	18	97	02	0	068	85	0	0	9	0	0	75	88	000	0	0	23	02	97	02	0	069	76	0	0	9	0	0	73	62	—	—	0.0	— 0.8	0.0	6
Karachi division	Ormara	000	0	1	27	09	96	02	2	064	83	1	6	6	8	0	76	86	000	0	2	27	05	96	01	1	074	87	1	6	6	0	0	75	15	—	—	8.0	— 0.8	0.6	6
	Lasbela	///	0	2	13	04	97	00	0	022	99	2	8	8	0	0	84	02	///	0	2	00	00	98	00	0	058	78	0	0	9	0	0	72	69	—	—	0.7	—	1.8	8
	Karachi (Manora)	000	0	2	27	09	97	03	0	049	82	2	6	5	0	0	75	85	000	0	5	27	05	96	03	1	061	79	2	6	4	2	0	73	76	—	—	1.0	— 3.4	1.1	8
	Karachi (Ariport)	003	8	2	25	12	96	02	1	046	84	2	6	5	0	0	71	89	000	0	4	27	05	96	02	1	059	79	4	6	5	0	0	73	75	—	— 2	1.5	—	1.5	—
Hyderabad	Nagarparkar	000	0	6	18	02	97	02	8	039	99	2	6	6	0	0	99	00	000	0	6	18	02	96	02	0	091	87	6	6	6	0	0	79	75	—	—	0.1	—	0.1	—
	Chhor	000	0	2	23	12	96	02	2	022	97	0	0	9	0	0	70	99	000	0	1	23	09	/ /	01	2	029	77	7	9	9	0	0	70	70	—	—	0.2	—	0.3	7
	Hyderabad	000	0	0	23	09	97	01	0	026	96	0	0	9	0	0	69	00	000	0	2	23	07	97	01	1	051	81	2	0	9	0	0	73	77	+ 4	— 1	0.2	— 5.2	0.3	9
	Badin	000	0	0	23	06	96	02	0	049	96	0	0	9	0	0	73	97	000	0	0	23	02	96	02	0	066	79	0	0	9	0	0	73	77	+ 4	— 1	0.3	— 5.3	0.3	—
Khairpur	Padidan	000	0	1	27	02	97	03	0	009	02	1	0	9	3	2	69	04	000	0	0	13	05	97	02	0	034	83	0	0	9	0	0	69	78	—	—	0.8	—	0.8	—
	Nawabshah	000	0	2	18	12	96	02	0	018	00	0	0	9	3	2	73	03	000	0	0	18	05	96	02	0	032	82	0	0	9	0	0	72	78	—	—	1.0	—	1.1	4
	Sukkur	000	0	0	16	05	96	02	0	009	98	0	0	9	0	0	74	03	000	0	0	13	05	96	02	0	029	83	0	0	9	0	0	73	80	—	—	0.0	—	0.1	—
	Kashmore	000	0	0	18	02	98	02	0	016	00	0	0	9	0	0	69	01	000	0	0	18	02	98	02	0	044	88	0	0	9	0	0	72	82	—	—	0.0	—	0.0	4
	Jacobabad	000	0	0	13	07	97	02	0	008	99	0	0	9	0	0	70	97	000	0	1	18	05	91	02	0	034	85	0	0	9	0	1	76	81	— 4	0	0.5	— 1.6	0.8	20
unagadh	Veraval	...																																							26
	HILL STATIONS																																							
Kashmir	Srinagar *	...																																						71
	Gulmarg **	...																																						26
	Sonamarg **	...																																						
	Dras **	...																																						3
	Leh **	...																																						6
	Skardu *	...																																						—
	Misgar **	...																																						—
	Aliabad *	...																																						5
	Gilgit *	...																																						59
Rawalpindi	Murree *	...	000	0	4	29	05	98	01	1	463	72	4	1	4	0	0	60	73	000	0	0	27	03	98	00	1	467	65	0	0	9	0	0	49	58	+ 3					18
Peshawar	Drosh	002	1	8	05	19	96	95	9	489	72	8	9	6	9	/	46	94	002	0	0	00	00	98	02	0	489	70	0	0	9	0	0	49	58	+ 3	+ 1	—	—	—	29
	Chitral	000	0	0	00	00	98	00	0	477	82	0	0	7	0	0	60	85	000	0	0	00	00	98	02	0	455	75	0	0	9	0	0	49	52	—	—	—	—	—	—
	Kakul	007	9	7	18	02	98	03	0	468	80	1	1	5	0	0	62	85	000	0	0	36	02	98	02	0	468	73	0	0	9	0	0	60	62	—	—	—	—	—	—
	Landikotal	000	0	8	05	05	94	02	3	391	87	8	7	6	0	0	72	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14.0			24.8		
	Prachinar	000	5	3	13	03	98	29	9	467	76	3	3	6	0	0	54	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.0					29
D.I. Khan	Miranshah *	020	0	4	05	05	98	02	0	478	87	4	0	9	9	0	62	90	000	0	0	05	05	99	00	0	442	73	0	0	9	0	0	59	69	— 5					13
	Wana *	000	0	0	13	04	99	00	0	444	91	0	0	9	0	0	77	94	000	0	0	00	00	99	00	0	488	79	1	0	9	0	0	67	65	—	—	0.5	— 2.1	2.0	11
Quetta	Fort Sandeman *	000	2	2	23	06	97	03	0	442	94	1	/	7	1	0	03	95	000	0	0	00	00	96	05	0	469	80	0	0	9	0	0	59	71	—	—	1.2	—	4.1	11
	Hindubagh *	000	0	6	09	03	93	03	0	408	85	6	0	9	0	0	45	90	000	0	0	23	03	97	02	0	458	75	0	0	9	0	0	59	55	—	— 1.6	2.0	—	6.3	—
	Loralai *	000	0	0	22	02	98	00	0	395	90	0	0	4	9	0	65	95	000	0	0	18	02	98	00	0	398	75	0	0	9	0	0	60	50	—	—	2.7	—	6.0	9
	Sarkhan *																																					0.6	—	0.6	—
	Harnai *	000	0	0	00	00	96	02	0	444	95	1	0	7	7	0	58	96	000	0	0	00	00	96	02	0	441	83	0	0	9	0	0	63	11	—	—	2.7	— 6.6	4.5	14
	Sanmngli (Quetta) *	000	0	1	27	07	96	02	0	459	89	1	1	6	0	0	50	94	000	0	0	00	00	96	05	0	482	64	0	0	9	0	0	46	56	—	—	2.1	— 0.5	3.1	9
	Chaman *	000	0	0	27	07	97	00	0	462	92	0	0	9	0	0	38	94	000	0	0	00	30	97	00	0	469	78	0	0	9	0	0	56	73	— 1	+ 5	2.1	+ 2.0	4.8	8
	Nushki *	000	0	0	31	04	95	05	0	535	97	0	0	9	9	0	13	98	000	0	0	00	00	95	05	0	531	82	0	0	9	0	0	57	78	—	—	0.5	—	2.6	4
	Dalbandin *	000	0	9	36	02	96	02	0	468	02	0	0	9	0	0	20	03	000	0	0	00	00	97	02	0	417	16	0	0	9	0	0	24	53	— 2	— 16	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	31	03	97	02	0	449	81	0	0	9	9	0	56	86	000	0	1	08	02	97	02	0	468	66	0	0	9	0	0	51	53	+ 2	— 1	0.8	— 0.3	2.2	—
	Khuzdar *	000	0	4	13	07	97	03	0	442	88	3	5	6	/	/	53	95	000	0	0	00	00	96	01	0	451	76	0	0	9	0	0	64	72	—	—	1.8	—	3.2	5
	Panjgur *	000	0	0	05	07	95	05	0	468	00	/	/	/	/	/	47	02	000	0	0	00	00	95	05	0	463	76	0	0	9	0	0	56	69	+ 2	— 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 0000 hrs. G.M.T. of the same day.
When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 27th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_at_a	8$N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{w1}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Sirdhana	99 2 39	10 6 00	25 1 83	01 8 05	98 0 23	07 4 76	00 / //	63 1 04		8/ / / /	05 2 24		30 5 00	/////

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels — Surface PoPoPo ToToTo DoDo	1000 mb hhh TTa DD	850 mb hhh TTa DD	700 mb hhh TTa DD	500 mb hhh TTa DD	400 mb hhh TTa DD	300 mb hhh TTa DD	200 mb hhh TTa DD	150 mb hhh TTa DD	100 mb hhh TTa DD	70 mb hhh TTa DD	50 mb hhh TTa DD	30 mb hhh TTa DD
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	003 268 04	...	410 178 21	109 102 57	583 039 56	755 153 36	...		...	...	...	...	...
Dacca	00 00	004 275 15	...	400 176 45	098 275 11	583 049 58	756 145 57	505 309 71	249 501 //	...	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	038 284 61		500 174 40	123 064 21	573 095 //	250 181 //	968 305 //	240 445 //	...				
Multan	00 00	987 278 57	...	400 254 57	090 050 //	572 185 //	738 417 //	932 405 //			...	...	...	...
Peshawar	00 00	963 250 50	...	400 230 45	096 124 50	593 051 //	765 145 //	978 241 //	265 421 //	...	...	...	...	...
Quetta	00 00	818 168 65	...	...	105 116 59	581 061 59	751 203 //	960 335 //	236 417 //	...	...	...	...	...
Sargodha														

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD	Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_cP_cT_cT_cT_{ac}$	dt dt ft ft ft
16	17	18 19 20 21 22 23 24 25 26	27	28	29
Chittagong	00 00	900 202 11			
Dacca	00 00	900 210 46 800 150 56 600 050 58			
Gilgit					
Jiwani					
Karachi	00 00				
Multan	00 00				
Peshawar	00 00				
Quetta	00 00				
Sargodha					

PPP—Pressure in hunderds tens and units of millibars.
DD—Dew point depression.

hhh—(heights) - Tens of geopotential meares.
TT—Dry Bulb temperatures in °C
T_a—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	195 05	205 09	...							220 11	230 10	254 10	282 10	275 08	250 08	210 06	235 08	240 10	230 08	040 09	245 09	...				
Chaklala		165 02	150 02	140 02	240 02	280 06	280 21	280 25	260 25	...	005 05	325 03	252 18	300 13	295 13	...	290 01	305 02	310 04	315 06	315 06	285 04	185 04	265 06	...	...
Chhor	220 25	215 26	214 57	215 27	220 28	280 57	130 CS	170 01	C65 06	235 77	230 24	220 19	180 13	150 10	100 12	210 19	220 25	200 27	205 24	200 20	200 16	165 06	160 08		...	...
Chittagong	225 12	225 13	230 12	250 09	265 12	290 12	275 09	315 07	340 88							195 03	255 03	265 03	300 04	315 CB	285 08	235 06	/// //	235 02	...	...
Cox's Bazar	265 08	270 07	275 12	282 12	290 08	000 8/				220 03	235 05	250 03	315 06	310 08	305 06	265 07	275 08	275 05	340 04	350 04	350 06	352 05	360 08	030 07	...	...
Dacca	240 12	215 CB	230 07	230 08	230 09	240 05	290 13	290 17	285 20	260 13	210 15	260 18		245 13		290 06	210 01	215 07	215 05						...	...
Dalbandin	...	....	280 06	290 06	260 08	250 09	300 10	325 08	245 05			100 02	340 08	350 17	340 17	...	...	085 06	363 06	330 01	295 05	130 22	295 19	290 15	...	...
D. I. Khan	070 04	200 49	140 86	140 08	340 01	245 07	250 15	230 15	245 21	055 14	835 10	010 09	535 04	220 07	300 03	052 03	045 09	045 09	050 06	030 02	270 09	265 13	243 12	215 11	...	...
Drosh	No	Ascent	...										075 01	050 03	020 03											
Fort Sandeman	...	...	...	230 11	200 10	220 13	280 10	285 16	260 19	...	...	...	055 07	045 08	270 12	...	...	...	...							
Jacobabad	155 11	130 09	100 87	040 06	101 50	350 12	/// //	320 14	201 8/	115 12	165 08	210 07	320 07	025 06	275 04	180 09	165 06	275 05	275 07	305 10	315 10	005 14	085 16	015 22	...	...
Jessore	210 13	220 15	270 15	280 15	285 15					225 17	230 16	245 15	270 08			230 08	245 09	255 09	285 10						...	...
Jhelum	070 01	205 02	250 03	255 08	285 06	315 11	305 22	285 24	275 25	333 05	320 07	345 08	320 09	305 13	260 29	330 03	290 03	290 05	320 09	330 13	290 10	260 06	260 03	250 07	...	...
Jiwani	150 09	280 06	340 04	050 04	035 09	060 09	015 05	285 11	260 12	190 07	230 06	270 05	340 03			210 04	215 04	160 04	085 12	095 / /	035 08	060 07	335 05	265 12	...	...
Karachi	315 04	245 07	245 08	255 03	335 05	045 1/	025 10	055 06	130 CS							270 12	260 12	260 12	250 10	350 04	020 13	065 23	100 11	105 10	...	...
Khanpur	225 13	230 10	230 13	225 20	210 23	255 C7	105 08	165 12	165 19	...	...	...	...	...	...	210 25	295 24	108 24	205 31	305 21	225 12	205 20	185 19	/ 15 04	...	...
Lahore	230 05	260 05	265 09	225 13	160 15	255 C8	310 14	320 17	315 15	125 04	335 04	3'0 08	310 15	285 12	270 23	275 03	288 04	265 05	255 08	275 11	300 14	290 21	325 17	320 15	...	...
Multan	220 19	215 19	215 19	210 18	195 13	230 09	275 13	195 16	235 27	235 33	235 22	225 20	260 07	255 04	235 12											
Nawab Shah	180 13	195 09	230 00	240 09	335 04	340 03	315 05	300 05	140 05	245 10	255 04	245 06	305 04	340 04	050 07	150 03	185 02	200 01	245 05	025 05	040 10	125 04	120 06		...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	015 10	035 08	355 12	...	...	...	...	010 19	350 06	000 11	240 06	225 14	...	...
Peshawar	...	015 06	060 05	155 09	175 16	225 14	...	...	...	...	320 06	015 08	010 05	010 06	270 12	...	085 03	310 02	310 01	240 03	240 04	225 14	245 15	235 22	...	...
Quetta	...	...	...	...	290 09	285 13	290 05	250 08	260 15	...	...	...	...	...	...	...	...	...	...	240 03	255 04	275 07	285 11	285 11	...	...
Sargodha	110 08	140 03	170 05	195 09	240 10	315 10	250 10	235 10	235 14	135 04	030 06	235 05	265 07	245 07	280 13	100 04	120 04	150 04	235 02	305 09	295 14	265 08	285 09	275 09	...	...
Sylhet	215 06	225 12	225 12	250 12	235 13	...	...	...	...	215 CB	...	...	...	...	...	315 02	...	...	...	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
F.R Sargodha																		
Karachi	240 15	290 14	250 14	290 14	350 12	350 07	040 09	040 13	060 12	...	...	...	...	...	...	...	...	...
Peshawar																		
Quetta																		

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

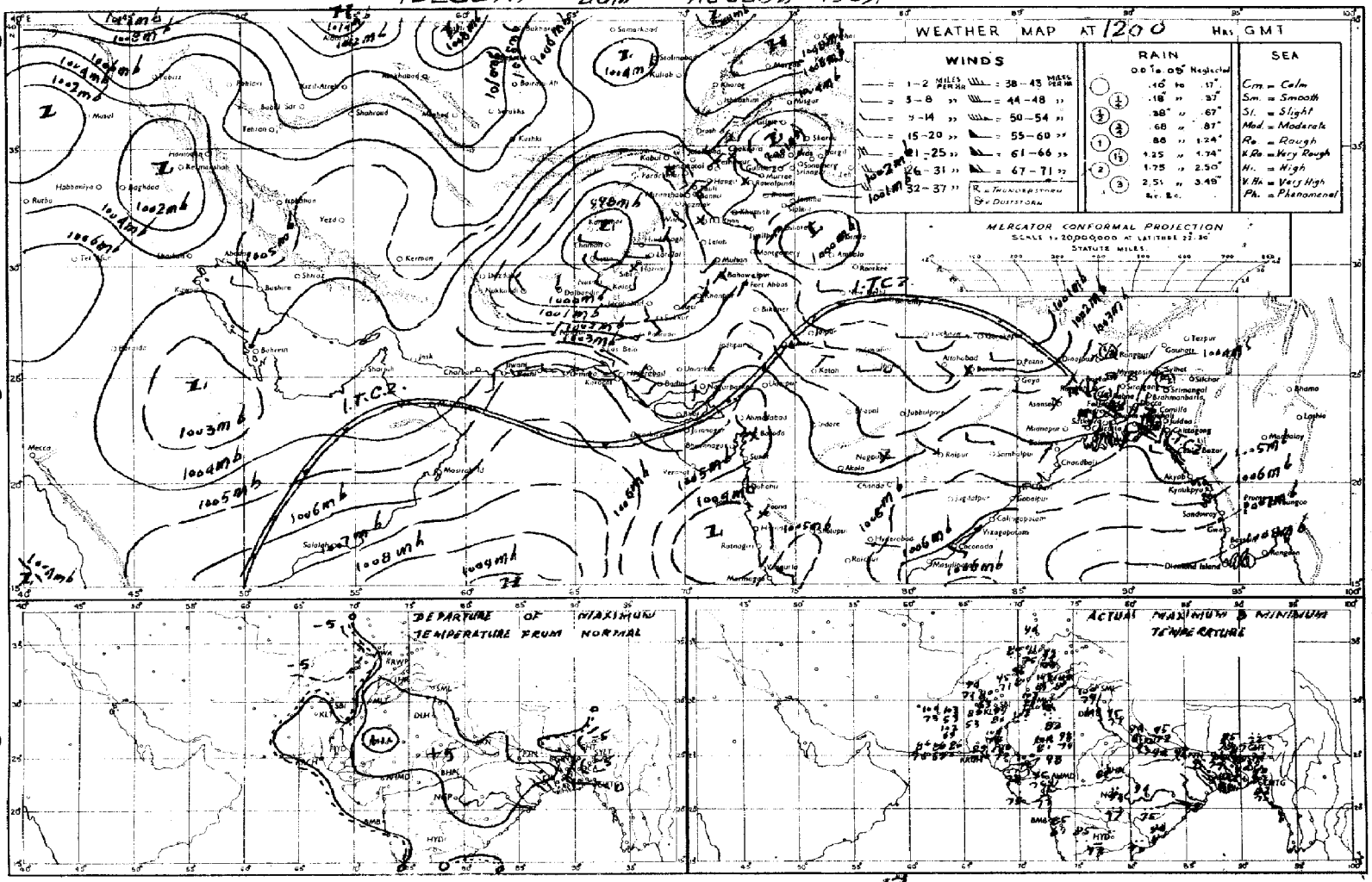
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

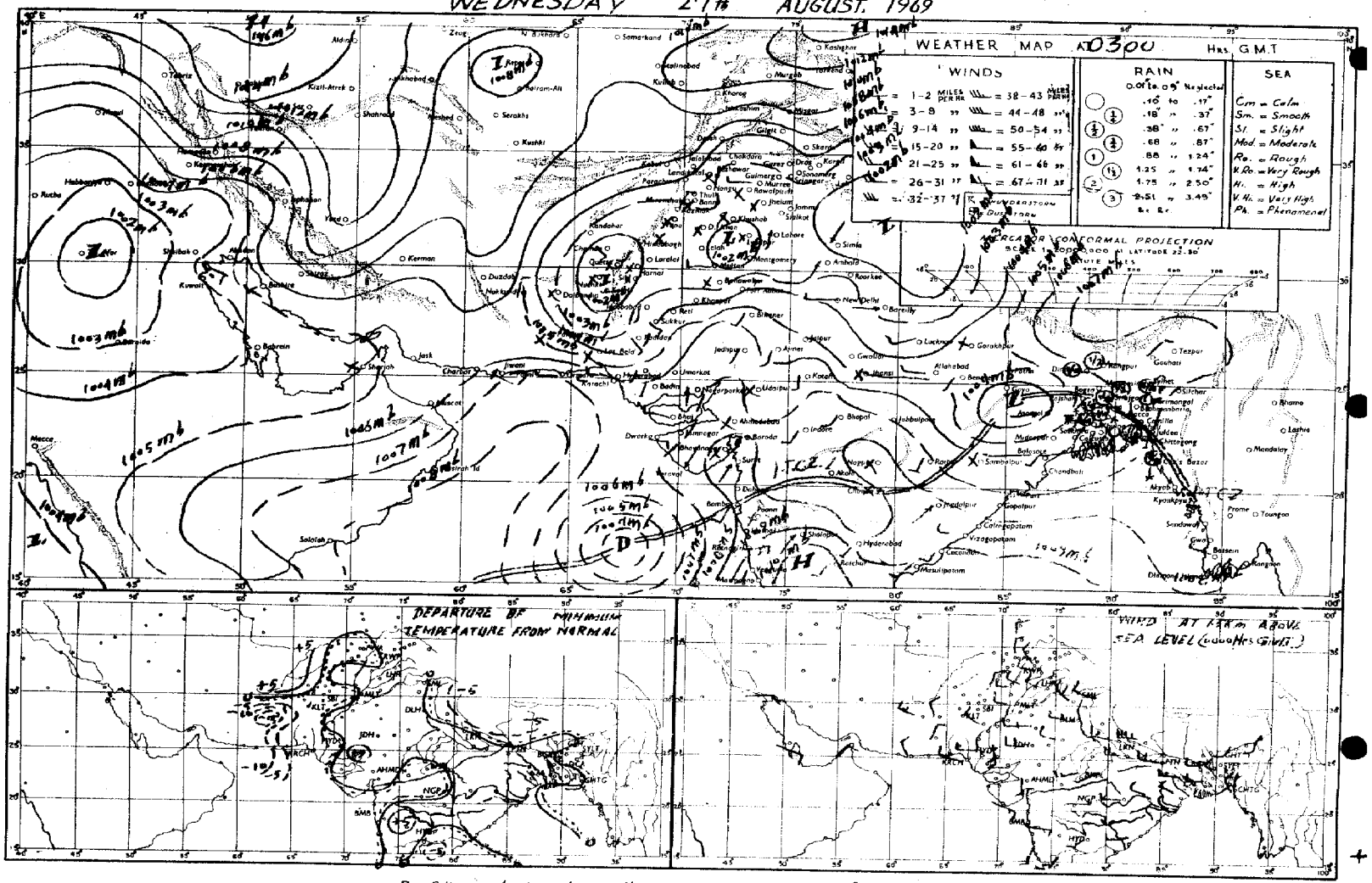
TUESDAY 26th AUGUST, 1969.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 27th AUGUST 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

THURSDAY THE 28th AUGUST 1969.

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

Yesterday's depression centred at 27,0300 G.M.T. with in one degree of latitude 17 °N and longitude 68 °E moved northwards and lay at 27,1200 G.M.T. with in half a degree of latitude 18 °N and longitude 68 °E. Ship observations absent but believe it weakened into a well marked low pressure area and lay this morning off Maharashtra coast. Monsoon trough of low pressure over Sub-Himalayan West Bengal persists. Rain/thundershowers have been fairly widespread in Dacca division, local in Rajshahi and Khulna divisions and scattered in Chittagong. Seasonal trough of low pressure lies over central divisions of West Pakistan. Scattered rain/thundershowers have been reported from Peshawar division.

Chief amounts of rainfall are : Dinajpur 3", Satkhira and Rangpur 1½" each, Faridpur 3/4", Sirajganj ½" and Mymensingh, Dacca, Jessore and Parachinar ¼" each.

Day temperatures were 3—8 °F (2—4 °C) above normal over East Pakistan, outside Rajshahi division and 3—6 °F (2—3 °C) so in Lahore, Rawalpindi, Sargodha, Multan, Bahawalpur and Hyderabad divisions.

Forecast valid until the evening of 29th August 1969 : — Thunderstorm/showers will be scattered over East Pakistan. A few thunderstorm/showers may also occur in Rawalpindi and Peshawar divisions.

Karachi-11
The 28th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISION	STATIONS	As 12 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Winds speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths) °	Dry Bulb temperature °	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	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	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	h	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 **	105	4	6	36	02	98	02	6	040	85	3	3	5	7	2	77	91	000	0	4	18	02	95	05	/	676	84	3	2	6	7	0	87	79	—	—	77.7	—	84.2	—
	Cox's Bazar	000	0	7	27	06	97	03	2	039	85	4	7	5	2	2	80	87	000	0	5	00	00	97	02	2	669	84	3	4	4	3	0	89	79	+ 1	+ 3	64.3	—27.8	72.0	140
	Chittagong	000	0	6	23	04	96	02	2	040	87	2	2	5	6	2	80	90	000	0	6	13	02	96	02	2	669	87	3	4	4	3	0	89	79	+ 1	+ 3	64.3	—27.8	72.0	140
	Maijdee Court	000	9	5	18	02	96	02	2	037	86	2	1	5	1	/	82	90	000	9	4	00	00	97	01	2	051	87	2	2	5	2	0	90	77	+ 4	/	39.2	—34.1	92.4	108
	Comilla	000	0	7	01	80	96	03	3	032	88	2	3	4	0	0	84	91	008	0	3	18	05	96	03	0	668	87	3	4	7	0	0	87	79	+ 5	—	101.4	+34.7	113.5	115
	Brahmanbaria	000	0	7	18	02	96	17	3	033	85	7	9	5	0	0	78	91	009	4	5	13	02	97	03	9	668	84	5	4	5	0	0	79	81	+ 3	+ 2	67.8	+12.4	87.0	94
	Sylhet	246	9	7	00	00	96	69	9	067	82	5	3	4	/	/	78	82																								
	Srimangal	064	9	3	00	00	96	02	9	035	82	0	0	9	2	1	77	87	064	9	2	18	04	96	02	9	072	94	0	0	9	7	2	81	79	— 3	+ 3	51.2	+ 5.5	72.6	98
Dacca	Mymensingh	030	3	4	00	00	96	01	6	038	80	4	5	4	0	0	78	86	030	9	6	00	00	97	02	2	066	86	6	5	4	0	0	79	79	— 1	+ 1	52.7	+ 5.0	67.8	91
	Narayanganj	000	0	7	13	02	96	03	2	029	92	4	6	4	3	0	82	91																								74
	Dacca (Tejgaon)	000	0	7	05	09	97	17	2	033	85	6	9	4	7	0	76	91	090	9	3	00	00	96	02	6	060	84	2	2	5	0	1	77	79	+ 3					
	Faridpur	000	0	8	34	02	97	95	6	054	82	2	7	4	0	0	78	91	070	0	2	20	02	97	01	1	055	82	2	0	9	1	0	81	79	+ 4	+ 1	34.4	— 2.2	48.0	71
Khulna	Barisal	070	0	7	18	03	97	02	2	029	81	5	4	5	0	2	78	91	000	0	4	27	04	97	02	2	062	86	4	6	5	0	0	81	81	+ 4	+ 3	45.0	— 1.0	55.0	81
	Khulna	070	0	4	23	05	97	03	0	033	90	0	4	4	0	1	78	96	000	0	2	08	00	97	03	0	052	87	2	4	5	0	0	81	79	+ 8	+ 1	37.6	— 2.0	43.7	68
	Satkhira	000	0	6	23	01	97	01	0	027	90	2	3	3	0	1	85	93	130	0	6	18	02	97	01	0	078	/	2	3	9	0	1	82	79	+ 4	— 3	35.6	— 0.7	40.8	65
	Jessore	000	0	7	18	05	97	17	9	019	91	5	3	3	2	0	78	95																								65
Rajshahi	Pabna	017	6	8	18	03	97	03	9	020	80	3	5	7	2	0	78	93	017	0	3	13	02	97	01	1	058	/	3	0	9	3	0	81	81	—	—	—	—	—	59
	Sirajganj	000	0	8	18	02	96	03	2	025	82	8	8	7	0	/	78	87	000	0	4	18	02	98	01	2	057	84	4	2	6	0	0	/	/	0	/	33.1	— 1.2	41.7	64
	Rajshahi	000	5	8	00	00	95	03	9	021	82	8	7	5	/	/	78	90	000	0	3	00	00	97	01	1	057	86	2	5	6	2	0	77	81	+ 2	+ 2	45.2	+13.5	59.2	—
	Bogra	002	9	8	23	02	96	02	2	016	82	4	4	4	2	0	78	87	001	9	7	23	02	96	02	2	054	84	6	4	4	3	2	79	79	— 1	+ 1	31.4	— 6.2	42.4	69
	Dinajpur	035	1	7	09	02	96	02	9	004	85	7	5	6	/	/	80	90	327	2	6	00	00	96	02	6	057	81	6	0	9	2	0	79	75	+ 1	— 3	58.8	—17.4	71.8	72
	Rangpur	028	6	6	00	00	96	01	6	010	82	6	5	6	/	/	79	84	156	5	7	00	00	96	03	9	060	81	7	5	6	0	0	81	79	— 5	+ 2	51.2	+ 6.2	69.8	84
Kashmir	Jammu	...																																						
Lahore	Lahore (Jail Rd.)	000	0	0	25	03	96	02	0	998	00	0	0	9	0	0	64	02	000	0	0	00	00	96	02	0	015	87	0	0	9	0	0	73	82	+ 5	+ 5	12.4	+ 0.6	17.0	19
	Sialkot	000	0	0	00	00	99	00	0	999	91	0	0	9	0	0	82	05	000	0	0	00	00	96	00	0	008	69	8	0	9	0	0	//	//	+ 11	/	1.0	—18.4	11.5	32
Rawalpindi	Jhelum	000	0	0	00	09	97	02	0	992	88	0	0	9	0	0	73	00	000	0	0	00	00	97	02	0	013	86	0	0	9	0	0	73	81	—	—	19.3	—	27.6	—
	Islamabad																																			—	—				
	Rawalpindi	000	0	0	27	02	99	00	0	003	93	0	0	9	0	0	72	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					36
	Campbellpur																																							
Sargodha	Khushab	000	0	0	09	11	98	00	0	996	00	0	0	9	0	0	79	03	000	0	0	00	00	97	00	0	010	96	0	0	9	0	0	82	81	+ 4	— 0	3.8	— 4.8	7.2	15
	Sargodha	000	0	0	09	03	97	02	0	996	00	0	0	9	0	0	73	02	000	0	1	18	03	97	02	0	011	84	0	0	9	0	1	75	79	—	—	15.4	—	19.0	—
	Lyallpur	000	8	0	29	02	96	00	0	597	88	0	0	9	0	0	70	02	000	0	0	00	00	96	00	0	010	87	0	0	9	0	0	//	85	+ 5	+ 2	4.6	— 2.8	7.6	12
Multan	Sahiwal	...																																						19
	Multan	000	0	2	23	09	97	03	0	000	80	0	0	9	1	64	04	000	0	1	18	05	96	05	0	011	86	0	0	9	0	1	73-	82	+ 4	— 0	6.0	+ 3.7	11.0	7
	Leiah	000	0	0	31	01	94	00	0	032	95	0	0	9	0	1	47	95	000	0	0	27	01	98	00	0	047	84	0	0	9	0	1	68	79	—	—	1.0	—	2.7	8
Bahawalpur	Khanpur	000	0	1	00	00	97	02	8	998	02	0	0	9	0	1	64	02	000	0	0	23	07	96	02	0	021	84	0	0	9	0	1	65	79	— 1	— 8	0.2	— 4.4	1.1	6
	Bahawalpur	000	0	0	00	00	96	00	0	001	02	0	0	9	0	1	68	05	000	0	0	00	00	96	00	0	019	87	0	0	9	0	0	65	82	+ 4	+ 3	0.7	— 3.3	2.0	6
	Fort Abbas	///	/	0	23	00	98	00	0	997	//	0	0	9	0	1	99	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	/	/				8
Peshawar	Chakdra	000	0	2	36	02	97	03	0	970	94	2	1	7	0	0	73	95																								
	Peshawar	000	0	7	05	02	97	03	0	998	93	1	9	6	3	0	70	58	000	0	0	00	00	96	05	0	017	87	0	0	9	0	0	73	77	+ 1	— 0	4.1	+ 0.5	12.8	11
	Haripur	000	0	0	02	97	00	00	0	010	90	0	0	9	0	0	73	91	000	0	0	36	02	98	00	0	022	82	0	0	9	0	0	73	73	—	—	6.6	—	16.7	—
D. I. Khan	Bannu	000	0	4	13	05	99	03	0	979	88	0	0	9	0	2	56	00	000	0	0	00	00	99	00	0	005	84	0	0	9	0	0	73	81	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	0	00	03	98	00	0	990	02	0	0	9	0	0	76	02	000	0	0	00	00	98	00	0	013	84	0	0	9	0	0	73	81	+ 2	+ 1	1.6	— 3.0	4.1	9
Quetta	Sibi	000	0	0	18	03	97	02	0	988	08	0	0	9	0	0	58	09	000	0	0	00	00	//	02	0	032	84	0	0	9	0	0	66	83	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	31	10	97	02	0	001	18	0	0	9	0	0	24	01	000	0	0	36	03	96	02	0	034	86	0	0	9	0	0	39	76	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	23	02	96	00	0	817	02	0	0	9	0	0	68	02	000	0	0	27	02	96	00	0	931	75	0	0	9	0	0	71	73	—	—	0.2	—	0.2	—
	Jiwani	000	0	0	18	09	96	02	0	043	83	0	0	9	0	0	73	86	003	0	3	18	03	96	02	0	143	79	3	6	5	0	0	72	75	—	—	0.0	—	2.0	6
	pasni	000	0	0	25	18	97	02	0	058	84	0	0	0	0	0	77	88	000	0	4	23	04	97	02	0	063	79	0	0	9	0	0	72	75	—	—	0.0	— 0.8	2.0	5
Karachi division	Ormara	030	0	1	27	16	96	02	2	055	82	1	6	6	0	0	78	85	000	0	3	27	07	96	06	6	060	79	3	6	6	0	0	74	15	—	—	0.0	— 0.8	0.6	6
	Lasbela	///	0	2	18	02	98	00	0	013	01	0	0	8	0	0	76	02																		—	—				8
	Karachi (Manora)	000	0	2	27	07	97	03	0	041	82	2	6	4	0	0	75	84	000	0	5	27	07	96	03	0	064	77	1	2	4	9	0	73	75	—	— 3	1.0	— 4.4	1.1	8
	Karachi (Airport)	000	0	3	27	10	96	03	0	039	85	2	6	5	0	0	75	89	000	0	6	27	07	96	01	1	055	79	6	6	5	0	0	73	77	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker																																							
	Chhor	000	0	4	23	12	96	03	0	019	97	1	5	6	2	0	71	99	000	0	1	23	12	96	02	0	051	70	0	0	9	0	1	72	77	—	—	0.2	—	0.3	7
	Hyderabad	000	0	1	23	09	97	02	0	022	97	1	0	9	0	0	69	01	040	0	0	23	05	97	02	0	046	80	0	0	9	0	0	72	77	+ 5	— 1	0.2	— 5.2	0.3	9
	Badin	000	0	0	23	09	96	02	0	029	95	0	0	9	0	0	72	97	000	0	0	23	02	96	02	0	068	79	0	0	9	0	0	74	//	+ 4	/	0.3	— 9.1	0.3	—
Khairpur	Padidan	000	0	1	23	05	97	03	0	001	03	0	0	9	3	0	62	06	008	0	0	18	03	97	02	0	030	81	0	0	9	0	0	71	77	—	—	0.8	—	0.8	—
	Nawabshah	000	0	0	18	07	96	02	0	006	03	0	0	9	9	0	69	05	000	0	0	13	09	96	02	0	032	81	0	0	9	0	0	73	77	—	—	1.0	—	1.1	4
	Sukkur	000	0	0	23	02	96	02	0	996	03	0	0	9	0	0	76	05	000	0	0	13	05	96	02	0	025	83	0	0	9	0	0	73	79	—	—	0.0	—	0.1	—
	Kashmore																																							4
	Jacobabad	000	0	0	13	07	97	02	0	997	00	0	0	9	0	0	72	02	000	0	0	09	05	96	02	0	029	85	0	0	9	0	0	73	81	— 1	—	0.5	— 1.6	0.8	20
unagadh	Veraval	...																																						26
	HILL STATIONS																																							
Kashmir	Srinagar *																																							71
	Gulmarg **																																							26
	Sonamarg **																																							
	Dras *																																							3
	Leh **																																							6
	Skardu **																																							
	Misgar **																																							1
	Aliabad *																																							5
	Gilgit																																							59
Rawalpindi	Murree *	000	0	0	00	00	98	00	0	459	75	0	0	9	0	0	64	77	000	0	0	31	07	98	00	0	463	68	0	0	9	0	0	54	59	+ 7	+ 2	14.7	—14.5	32.4	18
Peshawar	Drosh *	000	0	7	23	12	91	03	1	443	87	6	8	7	2	0	45	95	000	0	0	00	00	98	02	0	476	73	0	0	9	0	0	47	65	+ 2	— 5	2.2	—	13.4	29
	Chitral *	000	0	1	18	01	98	00	0	461	82	1	8	7	2	0	67	90	000	0	0	00	00	98	00	0	468	75	0	0	9	0	0	62	67	+ 5	/	3.1	— 6.3	13.4	—
	Kakul	000	0	1	23	07	98	03	0	450	82	1	1	6	/	/	63	85	000	0	0	31	02	98	02	0	469	81	0	0	9	0	0	60	68	+ 1	—	14.0	—	24.7	—
	Landikotal	000	0	1	30	15	98	03	2	388	82	6	7	6	/	/	67	85	000	0	4	05	05	98	01	1	481	81	4	3	9	3	0	77	75	—	—	2.2	—	12.6	29
	Parachinar	000	2	5	34	02	98	17	9	457	80	5	9	6	0	0	41	82	030	0	0	00	00	98	02	0	473	69	0	0	9	0	0	62	62	— 3	— 1	5.8	—	16.5	13
D.I. Khan	Miranshah	000	0	4	05	05	97	02	0	434	90	4	0	9	0	0	59	95	000	0	0	05	05	99	00	0	435	82	0	0	9	0	0	64	73	—	—	0.5	— 2.1	2.0	11
	Wana *	000	0	0	00	00	99	00	0	437	95	0	0	9	0	0	68	95	000	0	0	00	00	99	00	0	452	75	0	0	9	0	0	67	64	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman *	000	5	2	23	03	97	03	0	432	94	2	1	7	0	0	09	95	000	0	0	00	00	97	02	0	456	76	0	0	9	0	0	58	75	0	+ 4	2.0	— 1.6	6.3	—
	Hindubagh *	000	0	6	23	03	94	03	0	366	90	6	1	4	0	0	42	91	000	0	0	27	02	97	03	0	474	64	0	0	9	0	0	44	48	—	—	2.7	—	6.0	9
	Loralai *	000	0	0	18	02	98	00	0	421	93	0	0	9	0	0	66	97	000	0	0	18	02	98	00	0	398	75	0	0	9	0	0	60	56	—	—	0.4	—	0.6	—
	Barkhan *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	27	05	98	02	0	441	80	0	0	9	0	0	68	73	—	—	1.0	—	1.0	14
	Harnai *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	02	0	428	84	0	0	9	0	0	76	//	—	/	3.2	— 6.2	10.0	9
	Samungli (Quetta) *	000	0	0	31	10	97	02	0	460	86	/	/	/	/	/	53	94	000	0	0	00	00	96	85	0	497	60	0	0	9	0	0	36	51	—	—	0.5	— 0.5	3.1	8
	Chaman *	000	0	0	23	07	97	00	0	465	90	0	0	9	0	0	59	9	000	0	0	00	00	97	00	0	473	74	0	0	9	0	0	52	60	— 3	— 0	2.1	— 2.0	4.8	—
	Nushki *	000	0	0	31	06	95	05	0	535	97	0	0	9	0	0	63	98	000	0	0	00	00	97	02	0	527	78	0	0	9	0	0	40	76	—	—	0.5	—	0.6	4
	Dalbandin *	000	0	3	05	05	96	03	0	481	99	3	0	9	3	0	21	01	000	0	0	23	02	91	02	0	480	72	0	0	9	0	0	28	76	+ 4	+ 7	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	31	02	96	02	0	451	77	0	0	9	0	0	60	82	000	0	0	18	02	97	02	0	471	65	0	0	9	0	0	50	52	— 2	— 2	0.8	— 0.3	2.2	—
	Khuzdar *	000	0	0	18	02	96	03	0	436	96	3	0	5	6	0	28	97	000	0	0	27	02	96	02	0	457	75	0	0	9	0	0	64	72	—	—	1.9	—	3.2	5
	Panjgur *	000	0	0	36	10	96	02	0	464	99	0	0	9	0	0	54	//	000	0	0	00	00	96	02	0	463	//	0	0	9	0	0	47	68	/	— 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

THURSDAY THE 28th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_gt_R	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_{w1}T$	$3P_wP_wH_wH_wd_wd_wP_wH_wH_w$
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
		PoPoPo₁ToToTo DoDo	hhh TTT, DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	033 280 10	...	500 194 26	158 112 50	590 031 28	764 121 44	978 //6 57	257 501 //	...	...	...	...	...
Dacca ...	00 00	003 280 19	...	400 214 15	128 130 50	589 021 56	763 121 63	977 263 //	257 485 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	020 254 28	...	450 175 58	068 074 56	574 121 //	742 201 //	951 331 //	229 441 //	...	...	...	...	...
Multan ...	00 00	986 288 56	...	400 300 58	146 204 05	588 093 //	756 221 //	965 345 //	240 441 //	..	...	...	...	...
Peshawar ...	00 00	961 254 40	...	450 254 50	116 194 50	591 010 48	768 091 //	986 181 //	280 323 //	...	...	...	...	...
Quetta ...	00 00	819 182 67	...	...	112 098 //	580 081 //	752 175 //	967 237 //	235 345 //	...	...	...	...	...
Sargodha ...	00 00	981 260 50	...	500 250 40	176 100 58	586 101 57	755 195 //	965 /// //	244 401 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T, DD							Max. Wind Speed	TROPOPAUSE	
									PmPmPm dmdm fmfmfm	$P_tT_cP_tT_cT_aT_{ac}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 222 32	800 170 43	600 050 50	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 255 30	850 182 17	600 060 56	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd fff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	220 08	250 08	280 10	275 15	...	...	...	...	...	145 10	...	...	...	...	...	130 13	140 08	145 09	...	...	...	...	...	...	...	...
Chakla'a ...		285 06	280 04	225 03	280 03	275 08	250 10	225 18	240 22	...	...	...	...	...	...	...	120 06	120 04	190 04	275 06	300 02	280 12	290 11	295 70	...	...
Chhor ...	220 11	230 12	225 09	185 80	...	...	...	...	...	200 19	255 23	235 24	225 17	215 15	145 08	210 18	210 25	215 30	220 27	215 20	295 07	115 05	...	...	...	...
Chittagong ...	225 11	230 12	230 10	320 06	330 10	305 12	305 15	...	...	...	...	...	...	...	...	245 01	230 07	215 04	075 03	075 03	080 02	075 02	055 04	095 07	...	...
Cox's Bazar ...	285 10	285 10	285 99	305 09	325 10	340 10	...	...	...	060 05	355 08	315 12	340 05	015 07	105 07	190 07	220 06	240 04	185 01	130 01	090 04	...	...	...	...	...
Dacca ...	165 04	210 03	275 05	...	...	...	...	...	...	...	...	...	...	...	...	200 09	153 07	180 05	205 06	210 06	...	...	...	...	...	...
Dalbandin ...	...	...	630 03	285 04	320 11	300 14	296 19	285 18	245 15	...	...	350 01	345 13	355 19	330 22	...	...	105 03	355 10	340 14	325 16	315 28	315 17	165 11	...	...
D. I. Khan ...	200 02	150 03	130 04	160 01	210 02	255 10	265 12	250 24	240 27	070 05	020 08	040 05	080 04	280 03	235 04	055 07	050 12	025 13	075 07	050 06	340 10	335 07	285 06	230 13	...	...
Drosh ...	...	...	...	440 11	360 74	220 12	...	...	...	...	...	...	160 01	115 07	055 01	..	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	265 11	230 07	215 09	255 13	250 13	250 22	...	...	...	040 07	340 14	281 27	...	...	...	300 03	305 04	265 08	270 08	340 06	020 07	...	...
Jacobabad ...	170 09	180 10	040 09	040 10	350 13	355 12	330 09	260 16	260 15	160 12	190 12	195 07	230 03	285 04	295 01	180 07	165 04	145 03	305 34	360 11	200 55	325 14	/// //	280 07	...	...
Jessore ...	250 09	240 09	240 08	275 10	300 13	...	280 07	280 18	280 07	280 07	280 18	280 07	335 07	330 11	300 10	235 03	260 04	265 06	245 08	230 04	325 07	...	...	...	...	...
Jhelum ...	215 02	275 05	275 07	305 10	305 09	305 9/	305 13	285 12	270 15	005 02	005 04	285 04	255 03	185 09	/15 08	115 01	190 03	140 05	290 08	305 11	315 13	245 13	235 19	215 19	...	...
Jiwani ...	200 11	250 06	265 05	075 14	075 08	020 07	045 10	280 14	250 12	215 06	230 06	275 05	345 10	...	...	205 05	220 05	...	...	...	...	...	...	...	...	...
Karachi ...	245 11	245 12	245 12	270 07	055 05	025 12	020 12	090 10	105 12	...	...	...	...	...	...	270 14	270 14	265 17	...	...	...	...	...	...	...	...
Khanpur ...	220 12	205 12	245 12	215 17	220 19	230 10	110 2/	0 3 05	181 5/	225 10	210 10	210 11	210 12	235 14	275 15	220 21	225 34	225 38	225 44	225 30	230 23	260 15	010 06	025 11	...	...
Lahore ...	245 07	260 14	270 10	290 11	300 11	351 12	260 17	345 14	351 41	070 05	020 08	040 05	080 04	280 03	235 04	240 10	245 11	260 10	245 09	290 08	320 11	290 18	295 07	275 06	...	...
Multan ...	220 11	200 14	200 16	185 16	100 04	170 04	185 10	365 14	255 21	225 21	245 25	245 19	280 09	280 04	085 06	210 27	210 27	215 23	220 11	170 10	095 10	180 04	115 06	115 10	...	...
Nawab Shah ...	175 11	185 12	200 11	245 10	260 06	350 13	025 13	320 16	355 25	260 06	270 05	255 05	325 06	350 06	060 05	195 08	170 06	145 03	105 05	010 15	025 12	030 06	120 06	155 10	...	...
Panjgar ...	...	...	...	065 10	360 07	360 07	260 06	235 17	240 15	...	..	...	010 13	005 14	350 17	...	...	...	010 12	010 15	035 08	005 07	205 07	230 15	...	...
Peshawar ...	...	055 10	050 04	170 07	180 07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	270 29	270 43	265 61	203 60	...	...	...	...	...	...	...	...	035 04	350 04	005 04	325 04	290 05	265 12	235 15	235 21	...	...
Sargodha ...	220 05	220 03	235 03	295 02	290 03	330 08	270 12	285 10	295 13	...	285 03	255 06	235 07	265 08	280 04	225 03	220 03	190 01	040 03	270 03	275 04	265 06	215 14	225 19	...	...
Sylhet ...	155 00	220 0/	/ 5 /8	...	270 07	...	...	...	...	No	Ascent	...	...	...	...	135 09	175 04	155 04	...	305 07	265 06	215 14	225 19	220 23	...	...
Veraval ...	...	...																								

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

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

Height in g.p. Kms a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...	215 05	215 04	230 05	...	280 06	335 / /	035 20	055 18	055 15	...	...	...	...	...	...	...	...	...
Karachi ...	265 18	265 21	265 22	270 17	285 12	320 07	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	330 08	360 11	325 07	3 5 03		...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...																		

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

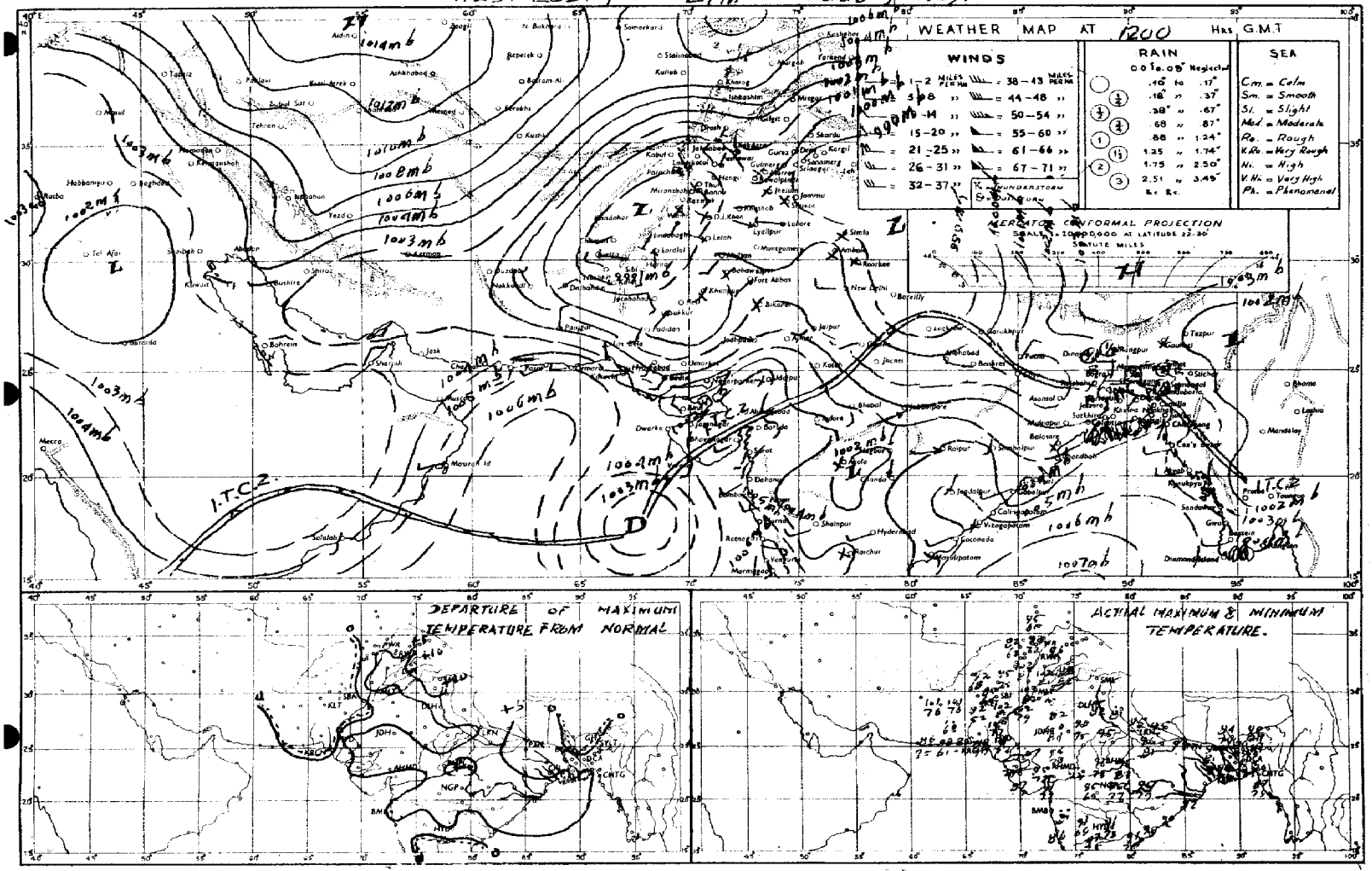
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

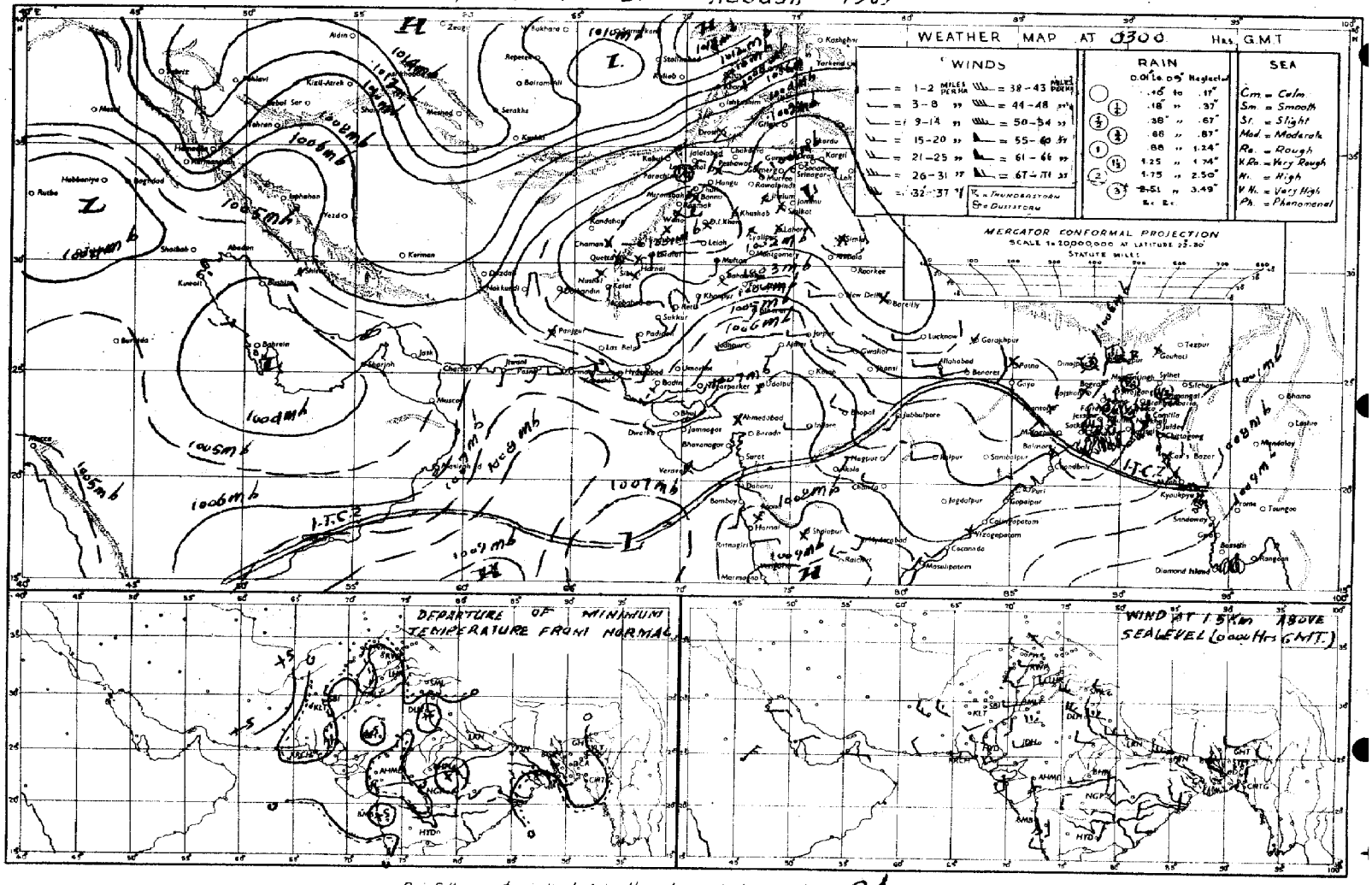
WEDNESDAY 27th AUGUST, 1969.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 28th AUGUST, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FIRDAY THE 29th AUGUST 1969.

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

The well marked low off Maharashtra west has weakened and lies as a trough of low pressure.
The seasonal trough of low pressure lies over northern divisions of west Pakistan. A few thunderstorms have been reported from Peshawar division.
Weather remained dry elsewhere over West Pakistan.
Conditions in the central Bay of Bengal are unsettled.
Monsoon has been weak over East Pakistan.
Rain/thundershowers have been local over Chittagong, Dacca and Khulna divisions and scattered over Rajshahi division.
Chief amounts of rainfall are : Sylhet 5″, Chittagong and Comilla 2″ each, Rangamati, Barisal, Khnlna and Rangpur 1½″ each Cox's Bazar 3/4″, Dacca ½″, Narayanganj ¼″.

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

Forecast valid until the evening of 30th August 1969 :— Rain/thundershowers will be local over East Pakistan. A few thunderstorms may also occur over Rawalpindi and Peshawar divisions.

(ZARIF AHMED)
for Director, Meteorological Service.

Karachi-11
The 29th August, 1969.

OBSERVATIONS

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

DIVSIO (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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	060	2	6	27	02	98	95	0	044	79	5	3	5	7	1	77	94
	Cox's Bazar	000	0	7	25	02	96	03	2	045	86	4	3	5	7	2	81	87
	Chittagong	000	0	7	23	05	96	17	9	043	//	6	3	4	3	5	61	52
	Maijdee Court	000	9	4	00	00	97	03	2	031	87	7	2	5	2	0	81	50
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria	000	0	6	18	02	97	03	0	031	87	4	8	4	0	7	82	50
	Sylhet	000	0	5	05	05	96	02	0	031	87	3	4	4	0	1	81	90
	Srimangal	000	0	5	09	06	96	50	0	940	87	3	8	4	3	1	77	91
Dacca	Mymensingh	000	0	4	00	00	96	01	1	938	84	4	5	6	0	0	79	50
	Narayanganj	000	0	6	13	02	96	03	2	031	90	4	6	5	3	1	79	90
	Dacca (Tezgaon)	000	0	6	00	00	97	03	2	030	87	3	9	4	8	7	79	91
	Faridpur	000	0	5	34	02	97	01	1	052	86	3	5	6	1	0	79	91
Khulna	Barisal	012	0	7	18	02	96	21	6	039	//	5	3	4	2	0	79	91
	Khulna	150	4	2	18	05	97	03	0	036	81	2	2	4	0	0	86	87
	Satkhira	039	0	6	18	02	97	01	0	030	81	/	/	/	/	/	83	90
	Jessore	032	6	5	23	03	97	02	9	030	82	2	4	5	3	0	79	91
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj	000	0	6	18	01	97	02	2	039	84	6	6	6	0	0	81	87
	Rajshahi	000	0	6	00	00	95	03	1	033	84	3	5	6	2	1	79	90
	Bogra	000	0	6	00	00	96	03	2	0 5	84	1	2	5	3	1	79	87
	Dinajpur	000	9	6	18	02	96	02	7	025	84	3	5	6	2	1	92	87
	Rangpur	012	5	6	00	00	96	29	9	032	82	6	2	6	2	0	75	86
Kashmir	Jammu	000	0	0	25	03	96	02	0	003	100	0	0	9	0	0	65	100
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	97	02	0	998	94	0	0	9	0	0	64	108
	Sialkot	000	0	1	23	02	97	03	0	998	100	1	1	7	0	0	73	103
Rawalpindi	Jhelum																	
	Islamabad	000	0	0	31	02	99	02	0	004	96	0	0	9	0	0	75	99
	Rawalpindi																	
	Campbellpur																	
Sargodha	Khushab	000	0	0	18	//	98	02	0	001	103	0	0	9	0	0	79	103
	Sargodha	000	0	0	23	05	98	02	0	001	100	0	0	9	0	0	68	103
	Lyallpur	080	8	0	29	02	96	02	0	000	96	0	0	9	0	0	73	100
Multan	Sahiwal	000	0	2	21	07	97	03	0	004	100	1	0	9	3	1	69	103
	Multan	000	0	0	27	02	99	02	0	026	95	0	0	9	0	0	68	95
	Leiah																	
Bahawalpur	Khanpur	000	0	0	23	02	96	05	0	993	100	0	0	9	0	0	65	103
	Bahawalpur	000	0	0	00	00	96	02	0	019	104	0	0	9	0	0	68	107
	Fort Abbas	000	0	0	00	00	98	02	0	991	//	0	0	9	0	0	98	100
Peshawar	Chakdra	000	0	1	36	02	97	02	0	986	99	1	1	6	0	0	68	100
	Peshawar	..	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...
	Haripur																	
D. I. Khan	Bannu	000	0	0	00	00	99	02	0	992	100	0	0	9	0	0	55	105
	D. I. Khan	000	0	0	00	00	98	02	0	990	//	0	0	9	0	0	//	//
Quetta	Sibi	000	0	0	18	02	97	02	0	991	110	0	0	9	0	0	//	//
	Nokkundi	000	0	0	31	03	97	02	0	005	99	0	0	9	0	0	32	10
Kalat	Turbat	000	0	0	27	02	97	02	0	987	103	0	0	9	0	0	69	103
	Jiwani	000	0	0	18	07	96	02	0	046	84	0	0	9	0	0	72	86
	Pasni	000	0	0	25	02	97	02	0	055	88	0	0	0	0	0	77	88
Karachi division	Ormara	030	0	1	27	12	96	02	2	065	82	1	6	6	0	0	78	85
	Lasbela	000	0	0	18	02	98	02	0	012	98	0	0	9	0	0	80	101
	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Ariport)	000	0	1	27	10	96	01	1	040	95	1	6	5	0	0	76	88
Hyderabad	Nagarparkar	000	0	6	18	02	97	02	0	099	99	2	6	6	0	0	99	//
	Chhor	000	0	0	23	10	96	03	0	029	95	1	2	6	0	1	//	97
	Hyderabad	000	0	0	23	09	97	02	0	024	98	0	0	9	0	0	72	100
	Badin	000	0	0	23	08	96	02	0	049	95	0	0	9	0	0	//	96
Khairpur	Padidan	000	0	0	18	03	97	02	0	004	103	0	0	9	0	0	63	104
	Nawabshah	000	0	0	18	16	96	02	0	013	100	0	0	9	0	0	76	103
	Sukkur	000	0	0	13	02	96	02	0	994	100	0	0	9	0	0	76	102
	Kashmore	000	0	0	18	02	11	02	0	037	//	0	0	9	0	0	72	100
	Jacobabad	000	0	0	18	07	97	02	0	003	100	0	0	9	0	0	79	102
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	00	00	98	00	0	458	75	0	0	9	0	0	65	77
Peshawar	Drosh *	000	0	7	23	01	96	03	1	446	90	6	8	7	2	0	33	96
	Cherat *	000	0	0	00	00	98	02	0	467	84	0	0	9	0	0	65	87
	Kakul *	003	0	4	05	05	98	01	0	391	87	4	3	7	3	0	73	91
	Landikotal *	030	0	1	16	05	99	02	0	457	82	1	1	7	0	0	38	84
	Prachinar *																	
D.I. Khan	Miranshah *	030	0	0	05	05	99	02	0	468	99	4	0	9	0	0	//	//
	Wana *	000	0	0	13	03	99	02	0	467	95	0	0	9	0	0	56	86
Quetta	Fort Sandeman *	003	0	1	27	02	97	03	0	420	93	1	1	6	0	0	//	95
	Hindubagh *	000	0	0	20	03	96	02	0	///	//	6	4	8	5	9	//	94
	Loralai *	000	0	0	27	02	98	02	0	395	95	0	0	9	0	0	//	97
	Barkhan *	000	0	0	13	05	99	02	0	429	//	0	0	9	0	0	//	98
	Harnai *	000	0	0	00	00	96	02	0	539	95	0	0	9	0	0	47	99
	Samungli (Quetta) *	000	0	0	31	05	97	02	0	468	86	0	0	9	0	0	45	91
	Chaman *	000	0	0	23	07	97	02	0	466	92	0	0	9	0	0	45	92
	Nushki *	000	0	0	31	05	97	02	0	526	98	0	0	9	0	0	66	98
	Dalbandin *	000	0	0	13	05	96	02	0	474	100	0	0	9	0	0	25	//
Kalat	Kalat *	000	0	0	31	03	96	02	0	458	77	0	0	9	0	0	60	81
	Khuzdar *	000	0	0	00	00	97	02	0	448	97	0	0	9	0	0	//	//
	Panjgur *	000	0	0	31	05	96	02	0	473	99	0	0	9	0	0	50	100

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

DIVSIO	STATIONS	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (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	153	9	6	18	02	98	03	9	103	84	6	7	5	7	0	77	75
	Cox's Bazar	069	7	6	15	10	96	03	6	037	82	4	2	4	4	0	77	77
	Chittagong	199	9	9	13	11	96	02	6	///	//	5	8	4	2	0	77	75
	Maijdee Court	000	9	6	18	02	96	03	2	075	86	5	5	5	2	1	81	//
	Comilla	218	5	4	18	05	96	02	6	087	81	4	4	7	0	0	79	76
	Brahmanbaria	000	/	4	18	05	97	03	9	073	79	4	5	5	0	0	77	//
	Sylhet	523	8	8	00	00	96	51	9	086	77	6	3	4	7	1	75	75
	Srimangal	046	8	8	09	02	96	03	9	091	87	0	8	4	7	2	77	77
Dacca	Mymensingh	000	0	7	00	00	96	50	5	087	79	7	5	6	0	0	81	77
	Narayanganj	020	1	8	18	02	97	51	6	086	81	8	7	3	1	6	77	79
	Dacca (Tezgaon)	061	3	7	18	02	96	58	6	085	79	3	3	4	7	0	77	//
	Faridpur	000	0	8	16	02	97	02	2	075	84	7	4	5	1	0	81	87
Khulna	Barisal	153	2	8	00	00	94	63	6	089	//	7	7	6	2	0	79	77
	Khulna	150	9	2	00	00	97	03	0	053	86	2	1	5	0	0	79	79
	Satkhira	039	0	6	18	01	97	01	0	057	82	0	3	9	1	0	81	79
	Jessore	002	0	8	00	00	97	02	2	///	82	2	5	4	7	6	79	79
Rajshahi	Pabna	000	9	8	23	05	97	03	9	080	84	4	2	7	4	1	79	81
	Sirajganj	000	0	8	18	02	97	02	6	079	81	8	0	7	1	6	79	82
	Rajshahi	000	0	5	18	03	96	03	1	081	84	3	5	5	2	1	77	81
	Bogra	005	0	1	07	03	96	03	6	081	82	5	8	4	3	1	79	79
	Dinajpur	000	3	5	00	00	96	01	1	078	95	5	0	9	2	1	79	79
	Rangpur	148	6	7	13	06	96	03	6	961	82	7	6	6	0	0	79	77
Kashmir	Jammu	000	0	0	23	03	96	02	0	039	87	0	0	9	0	0	69	82
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	98	02	0	030	82	0	0	9	0	0	79	//
	Sialkot	..	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Rawalpindi	Jhelum																	
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
	Rawalpindi																	
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	97	02	0	022	87	0	0	9	0	0	72	79
	Sargodha	000	0	1	23	03	97	02	0	030	87	0	0	9	0	1	73	77
	Lyallpur	...	..	..	...	..	..	...	...	...	...	...	...	..	...	...	...	..
Multan	Sahiwal	000	0	7	23	05	97	01	0	078	86	0	0	9	0	1	75	81
	Multan	000	0	0	36	05	97	02	0	034	84	0	0	9		0	73	75
	Leiah																	
Bahawalpur	Khanpur	000	0	0	21	05	96	02	0	034	84	0	0	9	0	0	79	79
	Bahawalpur	000	0	0	10	00	96	02	0	039	87	0	0	9	0	0	69	82
	Fort Abbas	///	/	0	23	04	98	02	0	006	90	0	0	9	0	0	82	75
Peshawar	Chakdra	000	0	0	36	02	98	02	9	972	//	0	0	9	0	0	73	//
	Peshawar	000	0	0	00	00	96	05	0	026	86	0	0	9	0	0	73	77
	Haripur	000	0	0	05	03	98	02	0	032	90	0	0	9	0	0	62	73
D. I. Khan	Bannu	000	0	0	00	00	98	02	0	022	84	0	0	9	0	0	73	91
	D. I. Khan	000	0	0	18	03	97	02	0	035	83	0	0	9	0	0	58	87
Quetta	Sibi	000	0	0	36	02	97	02	0	068	80	0	0	9	0	0	30	75
	Nokkundi																	
Kalat	Turbat	000	0	0	27	02	96	02	0	948	78	0	0	9	0	0	72	//
	Jiwani	000	0	7	18	02	96	01	1	078	79	0	0	9	0	0	78	26
	Pasni	000	0	4	31	07	97	02	0	070	77	7	4	9	0	4	//	61
Karachi division	Ormara	000	0	0	00	00	96	02	2	004	78	0	0	9	0	0	30	//
	Lasbela	000	0	0	00	00	98	02	0	067	78	0	0	9	0	0	74	68
	Karachi (Manora)	000	0	7	29	05	96	02	0	068	79	2	0	9	2	0	74	77
	Karachi (Ariport)	000	0	6	27	05	96	03	1	073	80	6	6	5	0	0	75	77
Hyderabad	Nagarparkar	020	0	6	05	02	97	02	0	993	81	0	6	6	0	0	81	74
	Chhor	000	0	3	23	14	96	03	0	061	81	3	6	4	0	0	73	77
	Hyderabad	080	0	0	23	01	97	02	1	058	81	0	0	9	0	0	73	78
	Badin	000	0	0	23	07	96	02	0	076	89	0	0	9	0	0	74	77
Khairpur	Padidan	000	0	0	13	05	97	02	0	041	80	0	0	9	0	0	71	76
	Nawabshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sukkur	000	0	0	13	05	96	02	0	041	81	0	0	9	0	0	72	78
	Kashmore	000	0	0	18	02	98	02	0	046	87	0	0	9	0	0	72	81
	Jacobabad	000	0	0	09	10	96	02	0	048	//	0	0	9	0	0	73	81
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	00	00	98	02	0	478	69	0	0	9	0	0	54	68
Peshawar	Drosh *	000	0	0	00	00	98	02	0	487	72	0	0	9	0	0	47	68
	Cherat *	...	...	...	...	...	...	..	...	...	...	..	...	...	...	...	...	...
	Kakul *	000	0	6	31	05	98	01	1	448	81	6	3	9	3	0	73	75
	Landikotal *	000	0	0	07	07	98	02	0	480	73	0	0	9	0	0	43	62
	Prachinar *																	
D.I. Khan	Miranshah *	000	0	0	05	05	99	02	0	464	64	0	0	9	0	0	69	75
	Wana *	000	0	0	00	00	99	02	0	475	61	0	0	9	0	0	64	64
Quetta	Fort Sandeman *	000	0	0	00	00	97	02	0	473	80	0	0	9	0	0	40	71
	Hindubagh *	000	0	0	19	02	96	02	0	474	64	0	0	9	0	0	44	49
	Loralai *	000	0	0	28	02	98	02	0	390	75	0	0	9	0	0	60	55
	Barkhan *	000	0	0	31	05	96	02	0	43)	84	0	0	9	0	0	51	73
	Harnai *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	//	...
	Samungli (Quetta) *	000	0	0	00	00	96	05	0	497	62	0	0	9	0	0	50	49
	Chaman *	000	0	0	09	03	97	02	0	481	76	0	0	9	0	0	47	68
	Nushki *	000	0	0	05	06	97	02	0	54/	82	0	0	9	0	0	38	73
	Dalbandin *	000	0	0	00	00	96	02	0	479	72	0	0	9	0	0	54	63
Kalat	Kalat *	000	0	0	18	02	96	02	0	517	64	0	0	9	0	0	47	54
	Khuzdar *	000	0	0	23	02	96	02	0	470	76	0	0	9	0	0	...	70
	Panjgur *	...	..	..	...	...	...	..	...	...	...	..	..	..	..	...	...	...

Departure from Normal of / Rainfall

DIVSIO	STATIONS	Departure from Normal of Maximum temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June, 1969 to-date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	—	— 4	79.2	—	85.7	—
	Cox's Bazar	+ 1	+ 1	65.0	−27.9	74.7	140
	Chittagong	+ 7	— 1	41.3	−22.6	94.4	108
	Maijdee Court	+ 5	—	101.4	+34.2	11.3	115
	Comilla		— 2	69.9	+19.0	89.1	94
	Brahmanbaria	—	—	34.0	− 4.0	43.6	78
	Sylhet	—	—	—	—	—	—
	Srimangal	— 1	+ 1	51.6	—	72.1	98
Dacca	Mymensingh	+ 3	— 1	52.7	+44.5	67.9	91
	Narayanganj	+ 2	0	39.7	+19.0	64.1	74
	Dacca (Tezgaon)	—	—	41.6	—	52.7	—
	Faridpur	+ 4	+ 3	34.4	−25.4	48.0	71
Khulna	Barisal	+ 4	— 1	46.5	+ 0.1	56.4	81
	Khulna	— 1	+ 1	39.1	− 0.8	45.2	68
	Satkhira	+ 1	+ 1	36.0	− 0.3	41.0	65
	Jessore	—	—	33.3	− 1.5	41.7	65
Rajshahi	Pabna		—	—	—	—	59
	Sirajganj	0	+ 2	33.0	− 1.6	42.0	64
	Rajshahi	+ 2	+ 2	45.2	−13.0	59.2	—
	Bogra	— 1	+ 1	31.4	−62.5	42.4	69
	Dinajpur	— 5	+ 1	58.8	+48.6	71.8	72
	Rangpur	— 3	0	52.7	+61.6	71.3	84
Kashmir	Jammu	+ 3	+ 4	12.4	+ 0.3	17.0	19
Lahore	Lahore (Jail Rd.)	+ 14	—	0.9	−18.6	11.5	32
	Sialkot	—					—
Rawalpindi	Jhelum						—
	Islamabad	+ 6					36
	Rawalpindi						—
	Campbellpur						15
Sargodha	Khushab	—	— 4	3.8	— 4.9	7.2	—
	Sargodha	—	—	15.3	—	12.0	12
	Lyallpur	—					10
Multan	Sahiwal	+ 5	— 1	6.0	+37.0	11.0	7
	Multan	—	—	0.9	—	28.0	8
	Leiah						6
Bahawalpur	Khanpur	0	8	0.2	— 4.4	11.0	6
	Bahawalpur	+ 6	+ 3	0.7	−33.0	19.6	8
	Fort Abbas	—	—	0.7	—	0.9	—
Peshawar	Chakdra		—	3.0	—	12.4	11
	Peshawar	+ 3	8	41.3	+ 0.6	12.8	—
	Haripur		—	65.9	—	16.7	11
D. I. Khan	Bannu	—	— 1	16.0	−31.0	41.0	9
	D. I. Khan	+ 11	—	0.0	—	0.2	5
Quetta	Sibi	+ 8	—	0.0	—	0.3	2
	Nokkundi						—
Kalat	Turbat	+ 1	— 3	0.2	—	0.2	5
	Jiwani	—	—	0.0	—	20.4	6
	Pasni	0	+ 4	0.0	— 0.9	0.0	6
Karachi division	Ormara	0	—	0.0	— 0.8	0.6	8
	Lasbela	—	—	0.7	—	0.7	8
	Karachi (Manora)		— 1	10.3	— 4.4	11.0	—
	Karachi (Ariport)	—	—	1.5	—	1.55	—
Hyderabad	Nagarparkar	0	—	0.1	—	0.1	7
	Chhor	— 2	—	0.2	—	0.3	9
	Hyderabad	+ 4	0	0.2	— 5.6	0.3	—
	Badin	— 1	—	0.3	−57.0	0.3	—
Khairpur	Padidan	+ 1	—	0.8	—	0.8	4
	Nawabshah	—					—
	Sukkur		— 1	0.1	—	0.1	4
	Kashmore	—	—	0.0	—	0.0	20
	Jacobabad	— 2	0	0.5	— 1.6	0.8	26
Junagadh	Veraval						—
	HILL STATIONS						
Kashmir	Srinagar *						71
	Gulmarg **						26
	Sonamarg **						3
	Dras **						6
	Leh **						—
	Skardu *						—
	Misgar **						5
	Aliabad *						59
	Gilgit *						
Rawalpindi	Murree *	+ 7	+ 3	14.7	−14.9	33.0	18
Peshawar	Drosh *	+ 3	— 2	21.8	—	13.3	29
	Cherat *	—					—
	Kakul *	—	—	21.5	—	12.7	29
	Landikotal *	— 1	—	5.8	—	16.5	13
	Prachinar *	—	—	0.5	— 2.1	19.6	11
D.I. Khan	Miranshah *	—	—	11.7	—	41.0	11
	Wana *	+ 6	0	19.8	−16.6	62.8	—
Quetta	Fort Sandeman *	+ 22	—	26.9	—	5.9	9
	Hindubagh *	— 1	—	0.6	—	0.6	—
	Loralai *	+ 1	— 17	0.9	—	0.9	14
	Barkhan *	—					9
	Harnai *	—	—	0.5	— 0.5	31.0	8
	Samungli (Quetta) *	— 3	—	20.6	+19.3	47.8	—
	Chaman *	+ 3	+ 7	0.5	—	26.5	4
	Nushki *	—	— 6	0.0	— 0.2	0.5	7
	Dalbandin *	— 2	0	0.9	— 0.2	21.8	—
Kalat	Kalat *	—	— 17	18.5	—	31.8	5
	Khuzdar *		0				—
	Panjgur *						

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 29th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_gt_R	8$N_sCh_sh_s$	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
ARABIAN SEA														
Bethsabee	99 2 62	10 5 47	28 0 61	00 8 15	98 0 20	06 3 33	00 9 03	23 1 10			00 0 29	13 3 20	30 1 01	
Bethsabee	99 2 66	10 5 32	28 0 04	00 0 00	98 0 20	03 6 32	00 9 00	23 6 07			05 2 26	13 3 08	30 0 00	

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
		PoPoPo,ToToTo DoDo	hhh TTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	007 283 / /	072 274 57	420 196 57	123 102 60	585 041 58	759 911 58/	474 265 59	253 501 / /	435 651 / /	676 771 / /	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	034 229 48	052 264 57	400 170 59	070 054 37	574 101 / /	742 211 / /	950 311 / /	229 451 / /	...	...	...	...	...
Multan ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	962 260 50	000 001 13	...	400 260 56	111 505 / /	582 015 / /	756 125 / /	071 241 / /	256 425 / /	...	...	...	...
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	989 260 40	111 001 06	500 224 40	184 104 8/	588 085 / /	758 151 / /	969 265 / /	256 361 / /	450 411 / /	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT Ta DD								Max. Wind Speed	TROPOPAUSE		
										PmPmPm dmdm fmfmfm	PtTtPtTtTtTat	dt dt ft ft ft	
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	...	000 146 56	000 024 59	...	...	...	...	...	...	...	...	...
Dacca ...													
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...													

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T.† of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date(dd fff)						At 0600 hrs. G.M.T. † of date (dd fff)									
	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	3.4	4.5	5.4	6.0	7.2	0.9
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	210 08	215 08	215 08	225 12	210 07	225 12	230 06	225 06	...	...	110 12	120 09	230 09	255 03	275310	145 08	145 12	145 12	150 15	150 15	...	...	...	...	...	...
Chakla'a ...	..	...	...	...	...	...	..	...	...	...	240 29	230 29	285 29	205 20	165 04	...	130 04	135 04	255 04	260 11	295 08	320 13	270 12	260 19	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	235 21	...	...	...	...	...	230 12	215 14	225 15	230 09	245 06	120 03	135 03	225 02	140 03	...	...
Chittagong ...	220 12	230 03	160 05	/// / /	145 03	...	...	...	...	...	...	...	...	...	...	245 29	230 07	215 04	075 03	075 03	080 03	180 03	055 04	075 03	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	155 14	150 10	170 09	180 11	...	...	165 10	162 01	/// /	165 10	175 10	175 12	...	...	...	...	...
Dacca ...	/// / /	/// / /	105 0	025 06	080 02	350 06	280 01	335 11	265 12	...	...	...	...	...	...	150 06	190 08	190 09	190 10	160 08	190 10	...	...	...	...	...
Daibandin ...	...	...	...	...	...	...	...	...	...	...	...	090 03	355 07	295 06	235 03	...	...	120 01	305 02	330 09	345 20	310 01	285 20	300 27	...	...
D. I. Khan ...	190 05	175 04	105 05	135 09	113 05	125 04	165 06	275 13	...	025 03	035 02	035 02	065 05	040 07	145 04	065 05	404 06	030 06	005 8	330 09	320 06	290 05	335 06	290 23	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	060 02	035 03	030 04	...	...	...	005 01	030 08	360 10	275 03	265 12	231 01	...	...
Fort Sandeman ...	/// / /	/// / /	/// / /	215 11	220 05	185 21	25 17	220 10	210 24	...	...	...	...	...	...	...	...	...	270 04	290 09	333 06	285 11	285 12	280 12	...	...
Jacobabad ...	180 10	150 07	000 04	355 09	/// / /	...	...	...	...	175 21	185 21	205 08	280 06	125 06	320 03	500 6/	225 05	185 04	185 04	335 11	362 19	352 11	360 09	...	...	...
Jessore ...	200 08	220 14	215 13	225 13	230 09	230 03	245 03	...	...	225 06	225 06	210 07	230 05	210 07	210 11	220 21	225 35	225 38	225 44	225 30	230 23	225 23	010 06	260 15	005 17	...
Jhelum ...	210 05	200 05	/// / /	285 07	300 12	325 10	330 07	260 15	300 14	115 10	160 06	225 04	290 04	300 08	015 12	150 05	140 05	145 03	310 06	340 05	340 08	340 09	325 20	351 5	350 15	...
Jiwani ...	...	205 10	165 02	010 14	065 11	120 08	045 11	065 11	045 09	085 05	320 02	285 05	305 10	325 13	290 10	...	205 05	220 05	...	...	...	...	...	...	...	...
Karachi ...	260 15	275 15	275 13	290 07	040 10	045 19	025 25	080 09	070 14	...	...	...	...	...	...	265 08	265 16	...	...	...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	210 12	225 12	225 15	235 15	240 15	255 13	230 26	220 35	220 42	270 45	225 30	225 09	335 04	330 19	350 15	...	...
Lahore ...	255 06	260 10	260 11	270 07	285 07	325 07	315 13	340 11	20 15	215 04	270 04	270 03	280 02	275 10	310 09	245 07	245 13	245 14	245 CB	250 02	290 06	005 10	320 15	310 15	280 10	...
Multan ...	195 23	205 31	200 04	035 21	020 18	305 10	010 04	...	...	220 22	225 23	230 23	235 25	270 18	...	210 20	210 29	205 29	200 17	065 13	010 04	005 04	080 13	080 10	250 13	...
Nawab Shah ...	180 20	205 12	235 12	340 04	025 14	010 19	015 15	005 16	015 16	240 07	255 05	255 04	340 07	320 08	310 51	195 08	170 06	145 03	105 05	0 0 13	025 12	040 12	120 06	030 06	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	050 12	100 10	225 09	175 09	205 11	275 07	210 11	...	...	...	345 10	350 10	360 06	315 11	310 07	...	970 06	075 07	300 13	295 09	280 06	310 12	230 15	290 10	240 45	200 39
Quetta ...	/// / /	/// / /	/// / /	/// / /	245 04	270 07	270 07	290 13	285 11	...	...	...	...	...	...	...	...	...	...	295 28	315 05	300 07	265 15	295 10	316 41	260 20
Sargodha ...	205 04	205 06	195 05	095 01	315 06	232 07	255 08	250 17	280 11	235 05	225 06	215 07	165 06	145 06	265 05	190 03	145 03	110 03	085 24	310 05	280 13	350 12	265 15	255 06	245 20	275 37
Sibbi ...	320 06	270 02	300 05	150 10	225 09	300 02	275 13	...	...	No	Ascent	...	...	...	...	120 33	180 03	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca ...	265 18	265 21	265 22	270 17	285 12	335 11	040 17	055 18	035 20	...	...	...	...	...	...	...	...	...
F.B. Sargodha ...																		
Karachi																		
Peshawar ...																		
Quetta																		

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

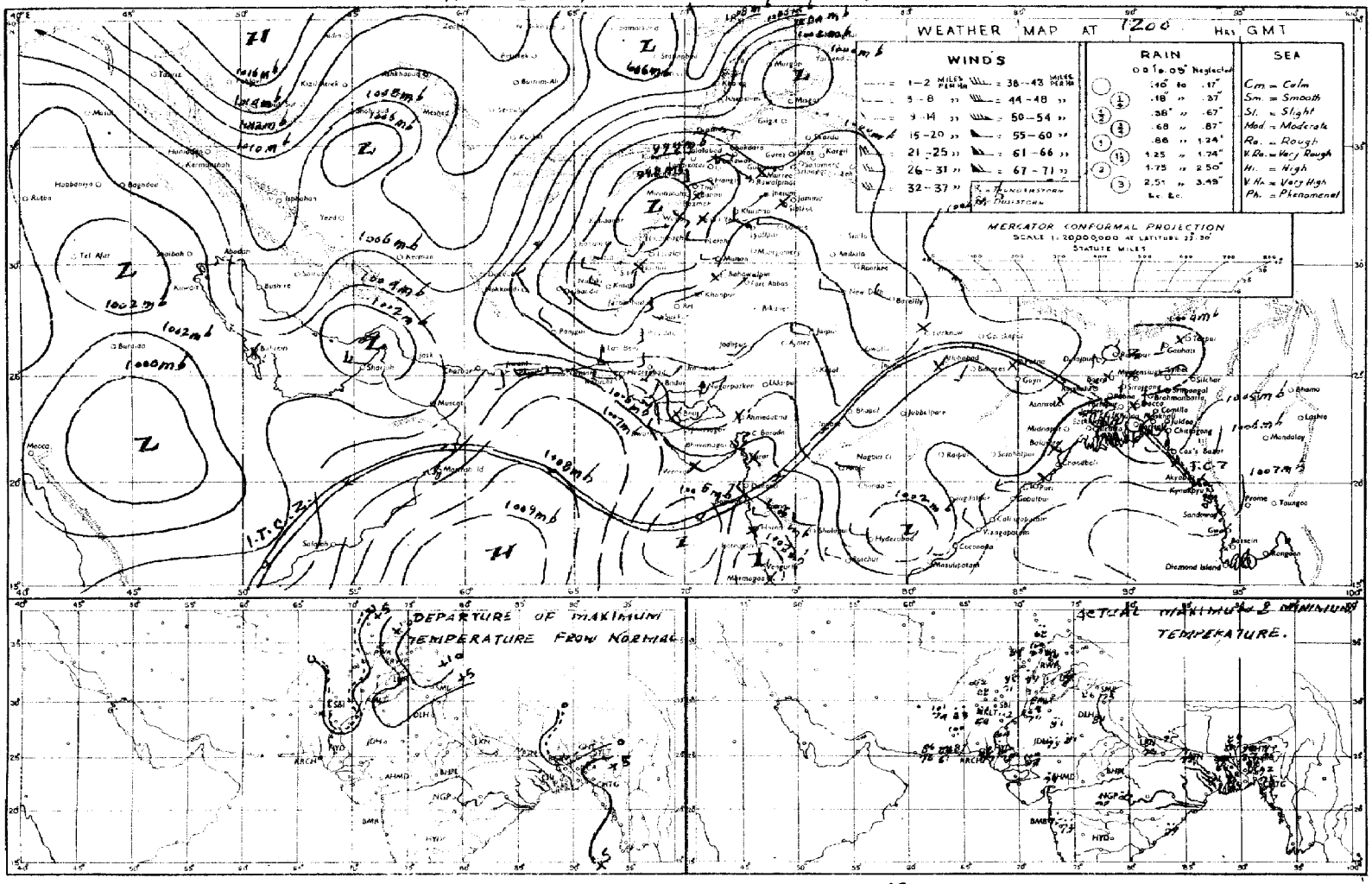
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

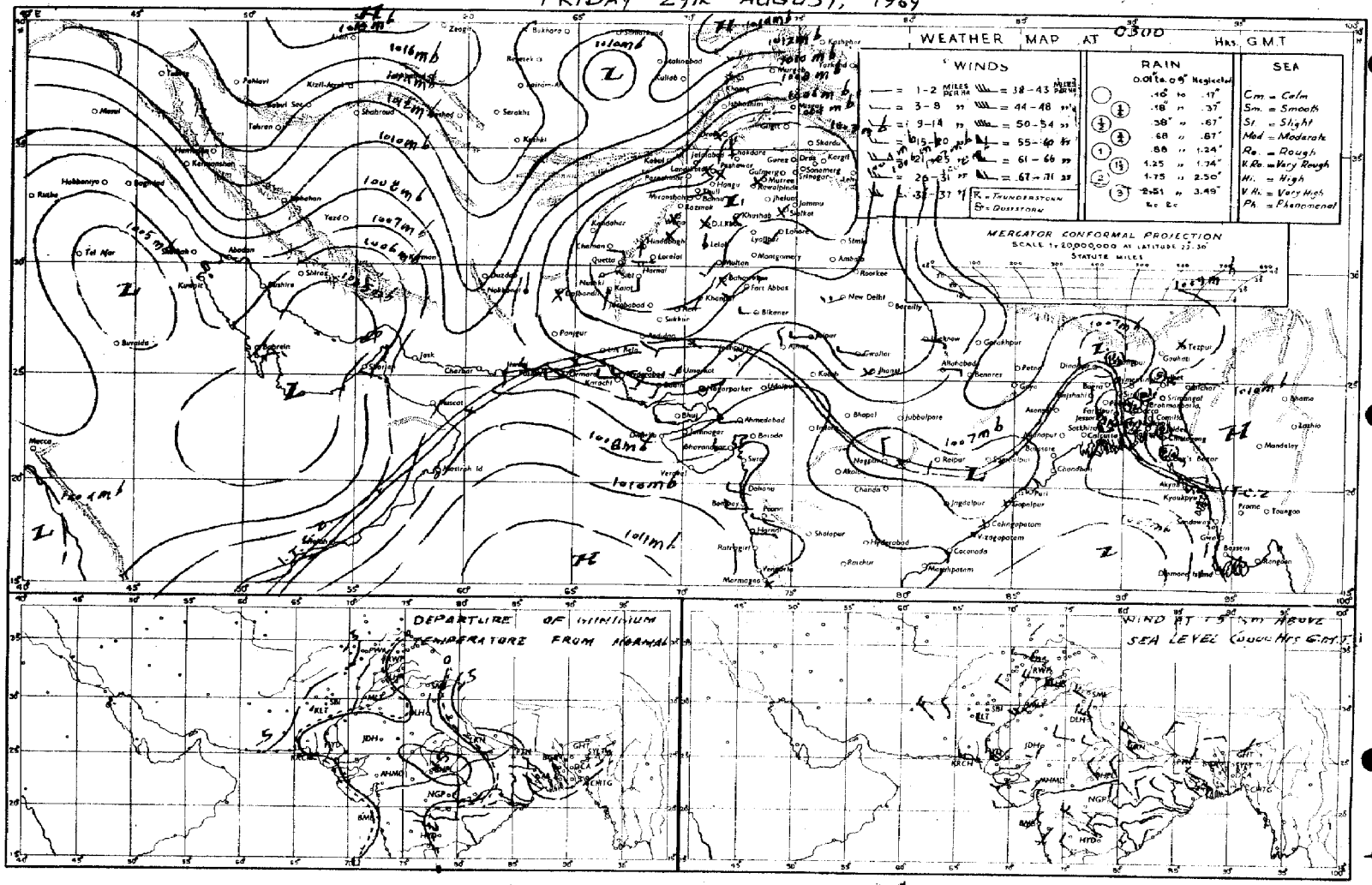
THURSDAY 28th AUGUST, 1969



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 29th AUGUST, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SATURDAY THE 30th AUGUST 1969.

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

A low pressure area has developed over west central Bay of Bengal. Monsoon continues to be weak over East Pakistan. Rain/thundershowers have been local in Chittagong division and scattered elsewhere over East Pakistan.

The seasonal trough of low pressure area over northern divisions of west Pakistan persists. Weather remained dry over West Pakistan.

Chief amounts of rainfall are : Comilla 2", Srimangal 1½", Mymensingh 1", Sylhet 3/4", Rangamati, Chittagong and Rangpur ½" each. Barisal ¼".

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

Forecast valid until the evening of 31st August 1969 :—Rain/thundershowers will be local over East Pakistan. A few thunderstorms may also occur over Rawalpindi, Peshawar, Sargodha and Lahore divisions.

Earth Quake Report :—Seismograph of Geophysical centre Quetta recorded an Earth Quake of moderate intensity on 29th August 1969, at 15th hours 08 minutes W.P.S.T. Epicentre lies about 1700 miles east Quetta near Assam Hills.

Karachi-11
The 30th August, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

DIVISIO (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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	404	4	6	17	02	58	02	9	067	79	4	3	5	7	/	//	87
	Cox's Bazar ...	000	0	8	18	10	56	03	2	057	82	5	4	4	3	8	77	86
	Chittagong ...	001	9	4	18	10	96	02	2	060	82	4	4	4	3	2	77	87
	Maijdee Court ...	034	9	8	00	00	95	61	8	043	87	8	7	4	0	0	79	50
	Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sylhet ...	009	2	7	00	00	96	02	2	916	//	2	6	9	1	5	//	82
	Srimangal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh ...	108	2	7	00	00	96	02	6	///	//	0	5	4	0	0	75	62
	Narayanganj ...	000	0	8	13	02	96	02	2	012	80	8	6	4	1	/	//	84
	Dacca (Tezgaon) ...	005	9	7	18	05	97	02	5	054	82	2	3	5	7	3	75	87
	Faridpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	Barisal ...	026	3	6	00	00	97	02	9	054	82	3	4	5	0	2	79	82
	Khulna ...	000	0	4	00	00	97	03	0	050	82	2	2	9	0	0	82	84
	Satkhira ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore ...	000	0	7	18	05	17	02	2	050	84	5	3	3	0	0	79	87
Rajshahi	Pabna ...	000	0	8	13	02	56	03	2	040	84	3	5	7	7	0	81	87
	Sirajganj ...	000	0	8	18	02	97	02	2	056	84	8	0	7	8	0	81	84
	Rajshahi ...	015	4	7	18	02	95	03	9	043	81	7	7	5	/	/	77	87
	Bogra ...	000	0	6	13	03	95	01	2	041	82	3	5	4	7	2	79	87
	Dinajpur ...																	
	Rangpur ...	008	8	6	13	02	96	01	6	022	00	2	5	6	2	0	79	86
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	27	03	96	02	0	001	00	0	0	9	0	0	65	03
	Sialkot ...	000	0	0	00	00	97	00	0	980	99	0	0	9	0	0	79	//
Rawalpindi	Jhelum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Islamabad ...																	
	Rawalpindi ...	000	0	0	00	00	99	00	0	996	99	0	0	9	0	0	75	00
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	0	09	//	97	00	0	002	03	0	0	9	0	0	87	03
	Sargodha ...	000	0	0	23	03	97	02	0	996	03	0	0	9	0	0	73	03
	Lyallpur ...	000	0	0	29	02	96	00	0	003	96	0	0	9	0	0	75	03
Multan	Sahiwal ...	000	0	0	23	01	97	02	0	002	00	0	0	9	0	0	64	03
	Multan ...																	
	Leiah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	Khanpur ...	000	0	0	23	05	97	02	0	000	03	0	0	9	0	0	65	03
	Bahawalpur ...	000	0	0	00	00	96	20	0	009	05	0	0	9	0	0	68	05
	Fort Abbas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chakdra ...	000	0	0	80	00	98	02	0	466	94	0	0	9	0	0	64	96
	Peshawar ...	000	0	1	36	03	97	02	0	985	99	1	1	6	0	0	73	00
	Haripur ...	000	0	0	23	02	98	00	0	000	94	0	0	9	0	0	65	96
D. I. Khan	Bannu ...	000	0	0	13	02	99	00	0	985	04	0	0	9	0	0	58	05
	D. I. Khan ...	000	0	0	00	00	98	00	0	986	//	0	0	9	0	0	73	05
Quetta	Sibi ...	000	0	0	18	03	97	02	0	994	09	0	0	9	0	0	69	10
	Nokkundi ...	000	0	0	31	09	97	02	0	002	01	0	0	9	0	0	37	04
Kalat	Turbat ...	000	0	0	27	02	96	00	0	904	05	0	0	9	0	0	68	05
	Jiwani ...	000	0	0	18	09	96	02	1	049	85	0	0	9	0	0	73	87
	Pasni ...	000	0	4	25	18	97	02	0	057	85	4	0	9	0	0	76	90
Karachi division	Ormara ...	000	0	1	27	12	96	02	2	059	83	1	6	6	0	0	79	85
	Lasbela ...																	
	Karachi (Manora) ...	000	0	3	27	09	97	03	0	032	82	3	0	9	0	0	75	83
	Karachi (Ariport) ...	000	0	3	25	12	96	03	2	043	85	3	6	5	0	0	76	87
Hyderabad	Nagarparker ...	000	0	6	05	02	97	02	0	099	59	0	6	6	0	0	99	10
	Chhor ...	000	0	1	33	07	96	02	0	019	93	0	0	9	0	1	71	56
	Hyderabad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Badin ...	000	0	0	23	10	96	02	0	(4)	92	0	0	9	0	0	71	94
Khairpur	Padidan ...	000	0	3	06	02	97	02	0	015	05	0	0	0	0	0	67	08
	Nawabshah ...	000	0	0	00	00	96	02	0	015	03	0	0	9	0	0	75	05
	Sukkur ...	000	0	0	05	02	56	02	0	004	05	0	0	9	0	0	78	05
	Kashmore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jacobabad ...	000	0	0	13	07	97	02	0	002	01	0	0	9	0	0	74	02
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ..	000	0	0	27	05	58	00	0	469	73	0	0	9	0	0	56	77
Peshawar	Drosh * ...	000	0	0	31	07	58	07	0	4 0	96	0	0	9	0	0	55	03
	Cherat * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kakul * ...	000	0	1	18	03	58	03	0	456	84	1	2	6	0	0	64	87
	Landikotal * ...	000	0	0	31	05	58	02	0	4 0	84	0	0	9	0	0	79	50
	Prachinar * ...	000	0	1	16	07	98	02	0	463	86	1	1	9	0	0	35	90
D.I. Khan	Miranshah * ...	000	0	0	05	05	59	00	0	459	00	0	0	9	0	0	64	00
	Wana * ...	000	0	0	00	00	59	00	0	468	95	0	0	9	0	0	43	96
Quetta	Fort Sandeman * ...	000	0	1	23	03	58	03	0	442	95	1	1	8	0	0	97	97
	Hindubagh * ...	000	0	0	23	05	97	02	0	420	79	0	0	9	0	0	50	82
	Loralai * ...	000	0	0	18	02	98	00	0	390	95	0	0	9	0	0	65	98
	Barkhan * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Harnai * ...	000	0	0	00	00	96	02	0	437	95	1	0	9	0	0	57	00
	Samungli (Quetta) * ...	000	0	2	//	05	96	02	0	471	88	●	0	9	0	C	56	92
	Chaman * ...	000	0	0	27	03	97	00	0	[illegible]	92	0	0	9	0	0	35	93
	Nushki * ...	000	0	0	31	05	97	02	0	535	97	0	0	9	0	0	63	98
	Dalbandin * ...	000	0	0	05	02	96	02	0	477	00	0	0	9	0	0	30	03
Kalat	Kalat * ...	000	0	0	31	03	97	02	0	469	78	0	0	9	0	0	54	81
	Khuzdar * ...	C00	0	0	31	02	97	02	0	448	96	0	0	9	0	0	19	57
	Panjgur * ...																	

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

STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Rainfall: Annual Normal (42)
Rangamati	040	0	5	18	02	58	01	1	410	84	2	4	6	1	7	75	79	—	—	79.6	—	86.1	—
Cox's Bazar	008	9	7	13	06	96	03	2	087	84	4	2	4	6	/	75	77	0	+ 1	65.1	−27.6	7.8	140
Chittagong	058	9	7	13	05	97	60	6	088	82	4	8	4	3	/	77	76	+ 1	0	41.8	−22.5	55.0	108
Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					115
Comilla	228	7	4	18	05	96	02	6	078	91	4	4	7	0	0	87	7		0	72.1	+20.7	91.3	54
Brahmanbaria	000	0	7	18	02	97	03	7	088	82	4	5	5	2	0	77	79		—	34.0	− 4.3	43.7	78
Sylhet	088	6	9	00	00	96	61	6	085	77	7	6	3	2	1	77	76	—	—	—			—
Srimangal	161	9	8	09	02	96	95	9	093	79	7	7	3	3	1	77	77		+ 1	53.2	+ 6.6	73.7	58
Mymensingh	108	9	7	00	00	96	02	2	087	81	7	5	4	0	0	79	//	− 5	1	53.7	+ 5.1	69.0	91
Narayanganj	000	0	8	18	02	97	02	2	082	81	8	6	4	0	/	77	79	− 4	0	39.7	+ 1.4	64.1	74
Dacca (Tezgaon)	005	0	6	18	05	97	02	2	082	82	5	4	4	3	6	79	79	—	—	41.6	—	52.7	—
Faridpur	000	0	5	16	02	97	02	2	076	84	3	4	5	1	0	79	81		+ 3	34.4	− 2.9	48.0	71
Barisal	032	0	7	23	02	97	03	2	081	84	5	8	4	0	1	79	84	− 5	+ 6	46.8	0.0	56.7	81
Khulna	000	0	4	08	00	97	03	0	036	86	0	4	9	0	0	81	//	+ 6	/	39.1	− 1.2	45.2	68
Satkhira	000	0	6	23	07	97	01	6	047	87	2	3	9	0	1	81	79		−	36.0	− 1.0	41.2	65
Jessore	002	0	7	18	08	97	03	2	071	84	4	4	5	3	0	79	79	—	—	35.3	− 1.8	41.7	65
Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					59
Sirajganj	000	0	8	18	02	98	02	2	075	81	8	0	7	1	0	77	81	− 3	+ 2	33.1	− 2.0	41.7	64
Rajshahi	015	9	7	18	03	96	03	/	074	81	7	5	5	/	/	79	82	+ 1	+ 2	45.3	−13.0	59.4	—
Bogra	000	0	7	13	03	96	03	2	074	82	5	4	4	7	2	79	79	− 1	+ 1	31.4	− 7.0	42.4	69
Dinajpur																							72
Rangpur	048	7	7	13	02	96	03	6	072	81	7	6	6	0	0	79	77	− 3	0	53.2	+ 6.1	71.8	84
Jammu																							—
Lahore (Jail Rd.)	000	0	1	00	00	96	02	0	025	90	0	0	9	0	1	69	81	+ 6	+ 4	12.4	+ 0.2	17.0	19
Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					32
Jhelum	000	0	0	00	00	97	01	0	021	91	0	0	9	0	0	75	81		—	19.3	—	27.6	—
Islamabad																							—
Rawalpindi	000	0	0	05	02	98	00	0	023	82	0	0	9	0	0	73	79	+ 7	+ 5	17.1	− 2.0	27.2	36
Campbellpur																							—
Khushab	000	0	0	00	//	98	00	0	033	64	0	0	9	0	0	79	79	+ 4	− 2	3.8	− 5.0	7.2	15
Sargodha	000	0	1	00	00	97	02	0	023	84	0	0	9	0	1	73	77	—	—	15.4	—	19.0	—
Lyallpur	000	0	0	29	07	96	00	0	023	84	0	0	9	0	0	75	79	+ 6	0	46.6	− 3.0	7.6	12
Sahiwal	000	0	3	18	09	97	02	0	015	87	0	0	9	0	1	//	81	+ 5	—	6.0	+ 3.6	11.0	10
Multan	000	0	0	23	02	98	00	0	045	82	0	0	9	0	0	73	77		—	1.0	—	2.7	7
Leiah																							8
Khanpur	000	0	0	00	00	96	00	0	028	87	0	0	9	0	0	73	81	+ 4	+ 2	0.7	− 3.4	2.0	6
Bahawalpur	///	/	0	00	00	98	00	0	048	81	0	0	9	0	0	69	//		/	0.7	—	0.8	6
Fort Abbas																							8
Chakdra	000	0	0	00	00	97	02	0	020	75	0	8	9	0	0	69	73	—	—	3.0	—	12.4	—
Peshawar	000	0	0	31	02	96	05	0	019	82	0	0	9	0	0	73	79	+ 3	+ 2	4.1	+ 0.6	12.8	11
Haripur	000	0	0	27	03	98	00	1	474	65	0	0	9	0	0	54	60	—	—	66.0	—	16.7	—
Bannu	000	0	0	00	00	99	00	0	000	87	0	0	9	0	0	65	73	—	—	0.6	—	4.5	11
D. I. Khan	000	0	0	00	00	98	00	0	015	82	0	0	9	0	0	73	75	+ 5	— 5	1.6	− 3.1	4.1	9
Sibi	000	0	0	00	00	97	02	0	036	83	0	0	9	0	0	64	82	—	—	0.2	—	0.2	5
Nokkundi	000	0	0	36	03	96	02	0	039	84	0	0	9	0	0	39	79	—	—	0.0	—	0.3	2
Turbat	000	0	0	27	02	96	03	0	930	79	0	0	9	0	0	72	22	—	—	0.2	—	0.2	—
Jiwani	000	0	4	18	05	96	03	0	053	80	4	6	5	0	0	76	77	—	—	0.0	—	2.0	5
Pasni	000	0	4	25	10	97	02	0	064	77	4	0	9	0	0	75	62	+ 2	− 13	0.0	− 1.0	0.0	6
Ormara	000	0	6	27	12	96	01	1	063	79	6	6	5	0	0	76	15	—	—	8.0	− 0.8	0.6	6
Lasbela																							8
Karachi (Manora)	000	0	6	27	05	96	03	2	050	79	5	6	4	3	0	74	98	− 2	0	1.0	− 4.4	1.1	8
Karachi (Ariport)	000	0	5	27	09	96	01	2	053	79	5	6	5	0	0	73	78	—	—	1.5	—	1.5	—
Nagarparker	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		—				7
Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		—				9
Hyderabad	000	0	1	23	07	97	01	0	037	87	0	0	9	0	1	73	78		0	0.2	− 5.2	0.3	—
Badin	000	0	0	23	04	96	00	1	067	80	0	0	9	0	0	73	78	− 1	0	0.3	− 6.0	0.3	—
Padidan	000	0	0	13	05	97	02	0	023	80	0	0	9	0	0	71	77	—		0.8	—	0.8	4
Nawabshah	000	0	1	13	09	96	02	0	021	81	0	0	9	0	0	77	77	—	—	1.0	—	1.1	—
Sukkur	000	0	0	13	05	96	02	0	026	82	0	0	9	0	0	72	78	—	—	0.1	—	0.1	4
Kashmore	000	0	0	18	02	98	02	0	021	97	0	0	9	0	0	72	99		—	0.0	—	0.0	20
Jacobabad	000	0	0	09	05	96	02	0	027	83	0	0	9	0	0	75	79	− 1	− 2	0.5	− 1.3	0.8	26
Veraval																							—
HILL STATIONS																							
Srinagar																							71
Gulmarg																							26
Sonamarg																							3
Dras																							6
Leh																							—
Skardu																							—
Misgar																							5
Aliabad																							59
Gilgit																							18
Murree	...	..	..	...	..	...	...	...	...	...	...	...	...	0	..	..	..	+ 7					29
Drosh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 10					—
Cherat	000	0	0	00	00	98	02	0	463	79	0	0	9	0	0	64	//	—	—	3.1	− 6.6	13.4	—
Kakul	000	0	0	31	02	58	02	0	432	//	0	0	9	0	0	60	73	—	—	14.0	—	24.7	29
Landikotal	030	0	0	31	05	58	02	0	465	79	0	3	9	0	0	69	73	—	—	2.2	—	12.6	13
Prachinar	0C0	0	0	00	00	98	02	0	467	47	0	0	9	0	0	39	//	+ 5	—	5.8	—	16.5	
Miranshah	000	0	0	05	05	99	00	0	465	82	0	0	9	0	0	73	75	—	—	0.5	− 3.1	2.0	11
Wana	000	0	0	00	00	99	00	0	471	73	0	0	9	0	0	51	64	—	—	1.2	—	4.1	11
Fort Sandeman	000	0	0	03	00	97	02	0	463	81	0	0	9	0	0	50	72	+ 2	+ 1	2.0	− 1.7	6.3	—
Hindubagh	000	0	0	00	00	97	02	0	461	66	0	0	9	0	0	40	52	—	—	2.7	—	—	9
Loralai	000	0	0	18	02	98	00	0	390	75	0	0	9	0	0	70	52	—	—	0.6	—	0.6	—
Barkhan	...	...	...	...	...	...	...	...															14
Harnai	000	0	0	00	00	96	02	0	434	81	0	0	9	0	0	55	//	—		3.2	− 6.5	5.0	9
Samungli (Quetta)	000	0	0	00	00	96	02	0	487	59	0	0	9	0	0	5	67	—	—	0.5	− 0.5	3.1	8
Chaman	000	0	0	00	00	97	00	0	477	80	0	0	9	0	0	51	49	− 2	—	2.1	− 2.0	4.8	—
Nushki	000	0	0	00	00	97	02	0	532	87	0	0	9	0	0	4/	74	—	—	0.5	—	—	4
Dalbandin	000	0	0	00	00	96	02	0	499	80	0	0	9	0	0	3/	63	− 2	− 6	0.0	− 0.2	0.5	7
Kalat	000	0	0	18	02	97	02	0	471	64	0	0	9	0	0	46	50	− 1	− 4	1.8	− 0.3	2.2	—
Khuzdar	000	0	0	00	00	96	02	0	458	78	0	0	9	0	0	35	71	—	—	1.8	—	3.7	5
Panjgur																							—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 30th AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$iYYGG_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_at_a	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_w$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Gelamoor	99 / 69	10 5 58	28 1 83	02 2 09	98 0 20	07 6 75	00 9 00	13 3 03			0 / / 74	17 6 84	30 3 01	21 8 03
Gelomoor	99 1 75	10 5 67	29 0 02	82 2 12	98 0 21	07 7 77	85 7 / /	13 4 03			0 // 75	17 7 87	30 3 02	21 1 04

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PoPoPo ToToTo DoDo	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	005 266 12	...	490 176 50	109 068 56	582 055 56	754 149 56	/////////	224 575 //	...	...	...	...	...
Dacca ...	00 00	006 280 20	...	450 190 57	123 114 58	587 031 58	762 129 58	977 265 61	256 485 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	017 260 35	...	500 160 45	/////////	572 075 //	744 131 //	957 105 13	241 461 //	...	...	...	...	...
Multan ...	00 00	987 280 56	...	400 280 73	138 164 61	553 024 //	768 075 //	814 131 //		...	...	...	...	...
Peshawar ...	00 00	960 260 50	...	380 256 67	123 175 08	582 000 //	765 101 //	981 215 //	271 369 //	...	...	...	...	...
Quetta ...	00 00	819 173 91	...	...	109 163 64	531 020 //	758 061 //	987 171 //		...	...	...	...	...
Sargodha ...	00 00	989 264 50	...	500 250 59	188 060 57	585 131 //	232 /// //	956 355 //	231 481 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD								Max. Wind Speed	TROPOPAUSE	
										PmPmPm dmdmdm fmfmfm	$P_tT_tP_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 194 35	000 140 30	600 814 56		...		...	...	...	...	...	...
Dacca ...	00 00	...	808 164 58	600 050 59	350 183 59	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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 tench value in (0 °C) even values indicate positive and odd values indicate negative temperatures.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T.† of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd fff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	115 01	165 14	175 13	185 10	215 12					...	110 12	120 09	230 09	255 03	275 10	190 09	205 11	215 11	225 10	...	...	...	...	...	...	...
Chakla's ...		037 04	225 03	235 08	255 08	325 14	310 10	310 09	285 12	...	...	...	...	...	...	...	130 04	175 04	245 04	240 05	305 09	255 15	250 18	240 13	...	...
Chhor ...	230 12	210 12	190 11	145 02	020 02	060 02	265 04	230 03	325 04	225 06	235 26	210 19	205 17	155 06	035 08	215 02	215 10	21/ /	...	...	...	...	...	...	...	...
Chittagong ...	170 16	170 18	180 18	176 17	/17 13	175 13										160 17	155 10	155 10	170 10	190 09	...	...	...	...	...	...
Cox's Bazar ...	165 15	175 16	...	...	...	...	...	...	...	155 14	155 19	165 19	...	...	...	180 05	175 10	170 11	175 08	...	...	...	...	...	...	...
Dacca ...	190 12	204 15	210 15	210 10	205 08	190 10	220 12	230 08	240 09	...	...	...	...	...	...	180 07	901 0/	200 11	205 10	...	...	...	...	...	...	...
Daibandin ...		305 03	065 08	350 08	345 09	358 07	250 13	220 16		...	...	010 04	330 62	005 04	340 08		...	080 58	040 09	020 57	809 23	033 16	345 10	110 07	...	...
D. I. Khan ...	160 06	135 08	135 90	115 08	120 03	265 08	325 05	295 12	315 13	110 07	150 08	120 10	130 07	120 05	070 03	060 09	065 10	070 09	145 08	160 07	270 03	270 05	335 05	300 04	...	...
Drosh ...													190 01	210 03	200 01										...	...
Fort Vandeman ...				270 06	245 14	225 12	300 04	255 08	250 21				255 05	305 06	330 09				270 04	305 08	295 06	260 05	255 04	225 85	...	...
Jacobabad ...	190 04	360 03	360 05	010 07	000 05	050 05	305 02	345 01	345 02	170 12	170 12	160 11	130 08	090 05	045 08	160 10	195 15	200 13	200 9/	015 08	005 15	350 16	015 09	055 15	...	...
Jessore ...										195 10	195 15	210 15	205 15	195 12	195 12	175 07	175 08	185 09	195 12	200 12			...		...	...
Jhelum ...	230 03	205 06	205 06	230 08	300 08	340 //	295 18	320 16	345 24	115 10	160 06	225 04	290 04	300 08	015 12	135 05	150 08	165 05	230 04	280 0/	330 10	325 07	290 10	290 12	...	...
Jiwani ...	205 06	145 03	100 02	005 08	350 09	025 07	095 01	290 83	180 07	220 08	300 12	305 11	340 12	345 10	005 70	150 05	010 07	035 07	...	...	...	...	...	...	...	...
Karachi ...	255 15	270 17	275 15	040 03	050 09	020 12	015 12	015 14	...	...	...	...	...	...	...	255 17	255 11	...	...	...	...	...	...	...	...	...
Khanpur ...	255 12	220 12	220 12	215 10	215 24	320 08	305 07	115 04	150 08	210 13	220 13	225 13	230 15	250 17	235 11	220 25	215 27	205 27	205 33	200 24	180 19	330 12	008 13	...	...	...
Lahore ...	250 04	255 08	255 06	225 04	310 04	325 11	355 13	340 10	325 08	215 04	270 04	270 03	280 02	275 10	310 07	270 03	275 06	280 06	295 08	290 03	340 10	/// //	330 16	345 18	...	...
Multan ...	205 15	195 18	195 23	045 20	040 09	355 07	295 15	280 08	310 11	220 26	208 27	200 18	230 09	230 16	265 10	195 19	205 24	205 43	190 49	185 37	090 04	360 06	080 15	065 19	...	...
Nawab Shah ...	020 03	335 03	310 04	010 03	015 11	010 17	005 12	255 07	205 14	200 15	210 10	205 06	080 07	055 07	340 14	175 07	155 05	025 06	010 09	020 15	040 18	155 01	175 04	...	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	045 15	065 10	150 12	205 13	310 05	320 10	280 11	280 12	...	325 18	290 04	290 05	220 04	220 08	...	360 02	350 02	065 05	250 06	275 10	310 13	250 21	245 04	...	...
Quetta ...					275 12	270 02	230 10	245 14	230 17											305 13	285 05	275 10	270 14	260 17	...	...
Sargodha ...	180 08	195 09	195 08	050 01	275 09	340 09	315 15	295 15	245 27	235 05	225 06	215 07	165 06	145 06	265 05	245 03	220 05	220 06	185 08	215 09	280 09	280 10	265 20	250 17	...	...
Sylhet ...	225 02	240 06	230 08	240 08	240 08	...	...	...	...	No	Ascent	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...
Varenal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	42.8
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	180 21	205 20	205 19		205 12		210 13	...	...	...	...	...	...	...	...	...	...	...
F.R. Sargodha ...	250 24	265 26	265 24	290 16	345 15	335 15	040 18	065 16	065 14	...	...	...	...	...	...	...	...	...
Karachi ...																		
Peshawar ...																		
Quetta ...																		

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

dd – Hundreds and tens of degree of wind direction rounded off to the nearest 5°

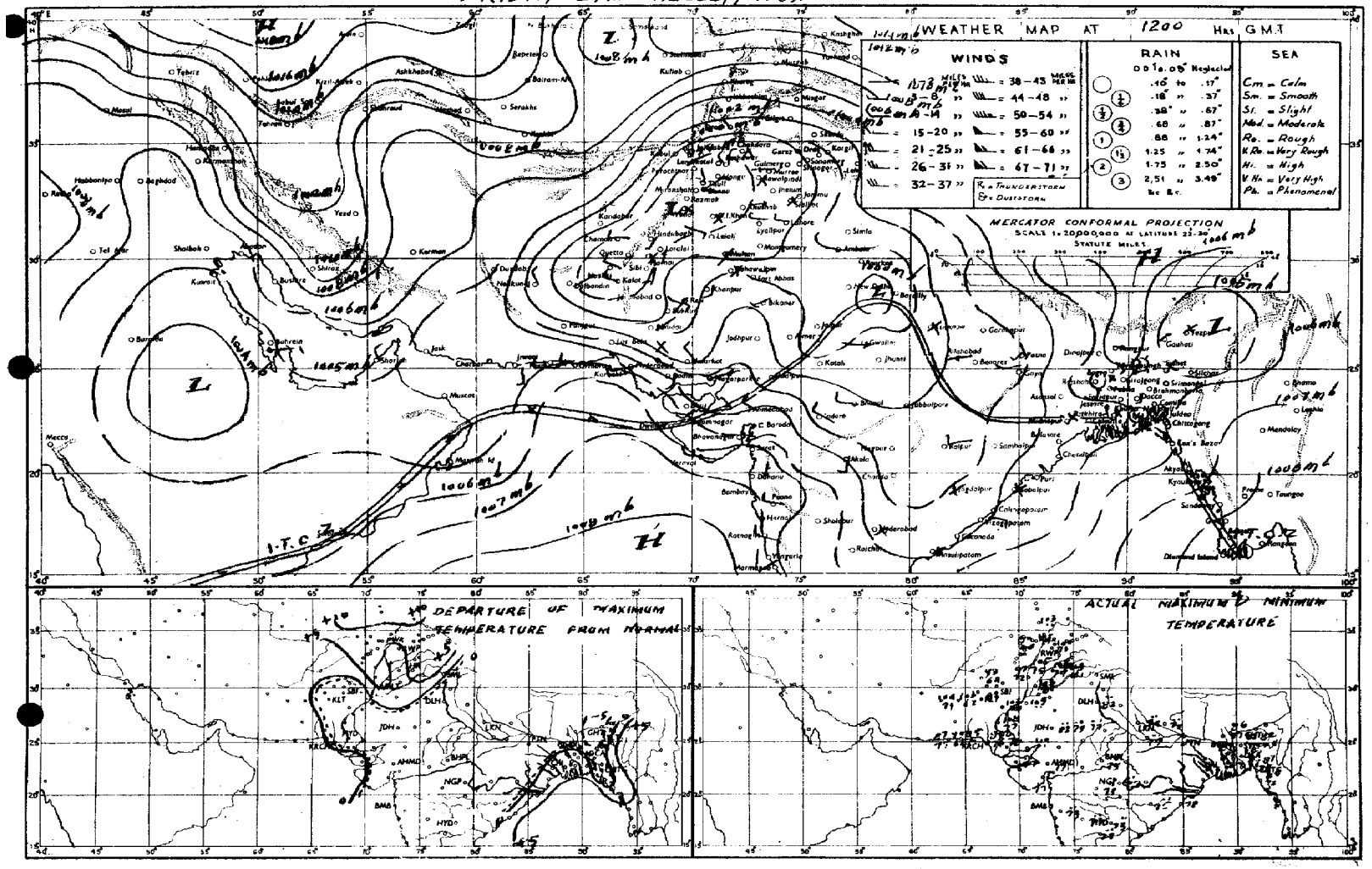
fff – Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI–11

PAKISTAN DAILY WEATHER MAP

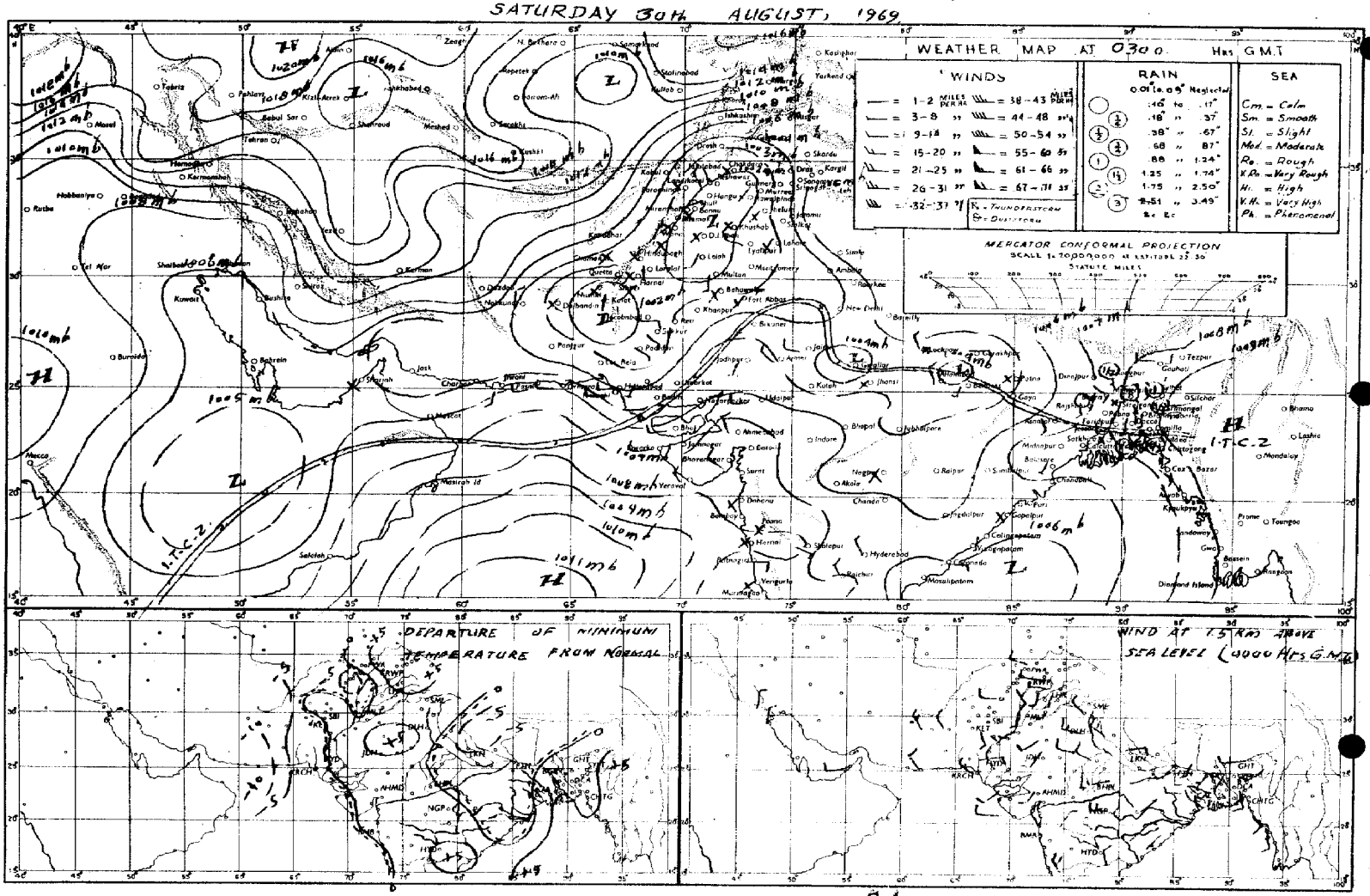
FRIDAY 29th AUGUST, 1969.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 30th AUGUST, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 31st AUGUST 1969.

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

Yesterday's low pressure area over west central Bay of Bengal has become unimportant, Monsoon continues to be weak over East Pakistan.
Scattered thunderstorm/showers have occurred in Chittagong and Khulna divisions.
Seasonal trough of low pressure extends from Quetta division to Sargodha division.
Weather remained dry over West Pakistan.
Chief amounts of rainfall are: Srimangal (upto 2000 Z) 3/4" and Rangamati (upto 1200 Z) 1/4".
Day temperatures were 7—10 °F (4—6 °C) above normal in Lahore and Rawalpindi divisions and 3—6 °F (2—3 °C) so in Sargodha, Multan, Bahawalpur, Peshawar and D. I. Khan divisions and 3—4 °F (2 °C) below normal in Dacca divisions.

Forecast valid until the evening of 1st September 1969 :— Local thunderstorm/showers are likely to occur in Rajshahi andChittagong divisions and scattered in Dacca and Khulna divisions. Weather is likely to remain dry over West Pakistan.

Earth Quake Report :—Seismograph of Geophysical centre Quetta recorded an earth quake of severe intensity on 30th August 1969, at 1222 W.P.S.T. The Epicentre lies about 4400 Miles N.E. of Quetta near eastern Japan.

Karachi-11
The 31st August, 1969.

(ZARIF AHMED)
for Director, Meteorological Service.

OBSERVATIONS

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

DIVISIO (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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	030	3	5	18	02	95	02	6	055	84	3	3	6	7	/	81	91
	Cox's Bazar	000	0	5	18	12	96	02	2	054	83	4	4	4	2	1	77	86
	Chittagong	000	0	6	18	09	96	02	2	054	85	4	3	4	0	2	76	87
	Maijdee Court																	
	Comilla	000	0	0	18	05	96	02	0	041	83	3	3	6	0	0	79	87
	Brahmanbaria																	
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...			...	...	...
	Srimangal	074	9	8	00	00	96	50	9	060	81	6	9	3	3	1	77	88
Dacca	Mymensingh	000	0	4	00	00	96	02	2	056	81	4	5	5	0	0	77	83
	Narayanganj	000	0	4	18	02	96	01	2	045	85	2	6	6	3	1	73	85
	Dacca (Tezgaon)	000	0	6	18	05	[illegible]	02	2	043	85	2	8	5	0	2	79	88
	Faridpur	000	0	4	16	05	97	02	2	053	87	2	4	5	1	0	82	90
Khulna	Barisal	000	0	7	18	02	97	02	2	043	83	6	4	5	2	0	79	84
	Khulna	000	0	0	00	00	97	03	0	045	95	0	4	4	0	0	88	89
	Satkhira	000	0	6	18	01	97	01	0	998	87	2	3	9	0	1	81	94
	Jessore	000	0	7	16	06	97	02	2	043	85	2	8	5	0	2	79	88
Rajshahi	Pabna	000	0	7	00	00	96	21	6	028	84	5	7	6	4	0	80	89
	Sirajganj	000	0	2	18	01	97	01	1	040	84	2	2	6	0	0	78	36
	Rajshahi	000	0	6	18	02	95	03	1	025	81	5	5	5	2	/	81	89
	Bogra	007	2	6	00	00	96	17	6	036	84	5	4	4	2	0	81	86
	Dinajpur	000	9	5	09	02	96	02	2	025	86	2	4	6	2	/	81	89
	Rangpur	036	7	6	00	00	96	01	6	046	85	4	5	6	2	0	79	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	27	02	96	06	0	988	01	0	0	9	0	0	67	07
	Sialkot																	
Rawal-pindi	Jhelum	000	0	0	23	02	97	02	0	982	99	0	0	9	0	0	69	03
	Islamabad																	
	Rawalpindi	000	0	0	00	00	99	00	0	986	96	0	0	9	0	0	73	00
	Campbellpur																	
Sargo-dha	Khushab	000	0	0	09	//	97	00	0	002	03	0	0	9	0	0	88	03
	Sargodha	000	0	1	18	05	97	03	0	989	03	0	0	9	0	1	73	03
	Lyallpur	000	0	0	29	02	96	00	0	986	01	0	0	9	0	4	67	03
Mul-tan	Sahiwal																	
	Multan	200	0	3	00	09	97	03	0	991	01	0	0	9	0	4	67	02
	Leiah	000	0	0	18	02	95	00	0	028	94	0	0	9	0	0	73	94
Baha-walpur	Khanpur	000	0	3	23	05	97	03	0	989	03	0	0	9	0	/	65	05
	Bahawalpur	000	0	3	00	00	96	00	0	964	04	0	0	9	0	0	84	07
	Fort Abbas	///	/	2	23	04	98	00	1	990	//	2	0	6	0	0	99	//
Pesha-war	Chakdra	000	0	0	27	05	97	02	0	961	94	0	0	9	0	0	68	96
	Peshawar	000	0	1	05	02	97	02	0	974	98	1	1	6	0	0	70	98
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...
D. I.-Khan	Bannu	000	0	0	02	02	99	00	0	970	00	0	0	9	0	0	60	04
	D. I. Khan	000	0	0	00	00	98	00	0	980	03	0	0	9	0	0	84	04
Quetta	Sibi	000	0	0	18	03	99	10	8	981	08	0	0	9	0	0	69	09
	Nokkundi	000	0	0	21	09	97	02	0	994	01	0	0	9	0	0	33	02
Kalat	Turbat	000	0	0	36	02	96	00	0	873	08	0	0	9	0	0	66	09
	Jiwani	000	0	0	23	03	96	02	1	017	97	0	0	9	0	0	79	88
	Pasni	000	0	0	25	16	97	02	0	031	85	0	0	0	0	0	78	89
Karachi division	Ormara	000	0	2	27	09	96	02	2	031	84	1	6	5	0	0	78	86
	Lasbela																	
	Karachi (Manora)	000	0	0	00	00	97	03	0	021	83	0	0	9	0	1	74	85
	Karachi (Ariport)	000	0	4	27	10	96	01	2	025	85	4	6	5	0	0	72	88
Hyderabad	Nagarparker	000	0	6	18	02	97	02	0	058	94	0	6	6	0	0	73	96
	Chhor	000	0	3	23	10	96	01	0	007	93	2	6	5	0	1	71	95
	Hyderabad	000	0	0	23	09	96	06	0	003	93	0	0	9	0	0	69	00
	Badin	000	0	0	23	08	96	02	0	029	93	0	0	9	0	0	73	94
Khairpur	Padidan	000	0	0	00	00	97	02	0	990	03	0	0	9	0	0	64	06
	Nawabshah	000	0	0	13	02	96	02	0	000	00	0	0	8	0	0	81	03
	Sukkur	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...
	Kashmore	000	0	0	18	02	98	02	0	010	99	0	0	9	0	0	71	01
	Jacobaba	000	0	1	13	05	97	02	0	991	00	0	0	9	0	1	73	01
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	2	31	03	98	//	/	444	75	2	1	4	0	0	60	77
Peshawar	Drosh *	000	0	7	20	12	97	02	/	426	91	5	8	7	7	0	50	96
	Cherat *	000	0	0	18	01	98	00	0	457	91	0	0	9	0	0	56	94
	Kakul *	000	0	3	23	07	98	03	0	468	87	0	0	9	0	0	62	90
	Landikotal *	000	0	0	30	15	98	02	0	430	84	0	0	9	0	0	79	90
	Prachinar *	000	0	1	13	05	98	02	0	451	94	1	1	6	0	0	43	87
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	468	99	0	0	9	0	0	64	00
	Wana *	000	0	0	00	00	//	//	0	466	97	0	0	9	0	0	58	98
Quetta	Fort Sandeman *	000	0	1	27	03	98	03	0	428	96	1	1	8	0	0	08	97
	Hindubagh *	000	0	0	23	03	97	02	0	415	86	0	0	9	0	0	40	88
	Loralai *	000	0	0	18	02	98	00	0	421	95	0	0	9	0	0	66	97
	Barkhan *	000	0	0	13	05	98	02		427	90	0	0	9	0	0	60	98
	Harnai *	000	0	0	13	01	96	02	0	428	99	0	0	9	0	0	55	00
	Samungli (Quetta) *	000	0	0	31	05	98	02	0	445	91	0	0	9	0	0	75	92
	Chaman *	000	0	0	27	03	97	00	0	471	74	0	0	9	0	0	34	76
	Nushki *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dalbandin *	000	0	0	36	07	96	02	0	470	02	0	0	9	0	0	48	04
Kalat	Kalat *	000	0	0	31	02	//	02	0	436	82	0	0	9	0	0	55	85
	Khuzdar *	000	0	0	13	02	97	03	0	429	97	4	2	9	9	7	39	00
	Panjgur *																	

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

DIVISIO (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	...	.	...	...	...	...	...		..	...	...	...	...	...	...	...	...	—		—	—	—	—
	Cox's Bazar	000	0	6	17	03	97	03	2	082	85	3	5	4	3	0	77	77	0	+ 1	65.1	—29.4	72.8	140
	Chittagong	0.0	0	4	09	03	96	02	2	088	88	2	2	5	3	1	77	77	+ 1	+ 1	42.0	—23.1	95.0	108
	Maijdee Court																							115
	Comilla	000	7	3	18	05	96	02	0	097	85	0	0	9	3	0	77	77	— 1	0	72.1	+20.2	91.3	94
	Brahmanbaria																							78
	Sylhet	036	9	8	09	03	96	02	6	088	74	6	3	4	2	/	77	77	—	—	—	—	—	—
	Srimangal	015	9	5	00	00	96	02	9	088	85	3	8	5	7	2	77	77	— 2	+ 1	53.4	+ 6.3	73.8	98
Dacca	Mymensingh	020	1	6	00	00	97	07	9	091	81	6	5	5	0	0	79	77	— 4	— 1	54.0	+ 4.8	69.1	91
	Narayanganj	...		...	...	...		...		...		...							— 3					74
	Dacca (Tezgaon)	000	0	5	18	05	97	01	2	081	85	3	8	4	4	1	77	81	—	—	41.6	—	52.7	—
	Faridpur	...	...	..	...	...	...	...	.	...	...	...	..	...	...	.	...	...	+ 3					71
Khulna	Barisal	000	0	6	00	00	97	02	2	081	85	2	3	9	0	1	79	79	— 3	+ 1	46.8	— 0.5	56.7	81
	Khulna	000	0	4	00	00	97	03	0	070	88	0	4	4	0	0	81	81	+ 1	+ 3	39.1	— 1.6	45.2	68
	Satkhira	...	...	..							...		...	..	...		...	..	+ 5					65
	Jessore	000	0	6	25	05	97	03	2	081	85	5	4	4	0	0	77	78	—	—	33.3	—	41.7	65
Rajshahi	Pabna	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	—					59
	Sirajganj	069	9	8	18	02	97	02	2	079	81	7	0	7	1	0	81	81	—	+ 2	33.8	— 1.6	41.4	64
	Rajshahi	000	0	5	13	03	96	03	1	080	83	5	4	5	0	0	77	81	+ 1	+ 2	45.3	+12.6	59.4	—
	Bogra	182	9	7	00	00	96	02	6	078	81	4	4	4	3	0	79	77	— 2	— 1	33.2	— 5.6	44.2	69
	Dinajpur	000	3	6	09	02	96	01	2	073	86	3	5	6	2	/	76	81	0	+ 4	—		—	72
	Rangpur	036	0	7	16	02	96	01	2	075	83	7	0	9	2	0	79	79	— 1	+ 2	53.5	+ 6.0	72.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	032	88	0	0	9	0	0	71	83	— 10	+ 6	12.4	+ 0.1	17.0	19
	Sialkot																							32
Rawal-pindi	Jhelum	000	0	0	00	00	97	02	0	031	90	0	0	9	0	0	91	81	—	—	19.3	—	27.6	—
	Islamabad																							—
	Rawalpindi	000	0	0	00	00	99	00	0	037	87	0	0	9	0	0	73	//	+ 7	/	17.1	— 2.5	27.2	36
	Campbellpur																							—
Sargo-dha	Khushab	000	0	0	00	00	98	00	0	023	85	0	0	9	0	0	77	78	+ 4	— 3	3.8	— 5.0	7.2	15
	Sargodha	000	0	0	23	02	97	02	0	078	85	0	0	9	0	0	78	77	—	—	15.4	—	19.0	—
	Lyallpur	000	0	0	00	00	96	00	0	030	86	0	0	9	0	0	74	79	+ 6	0	4.6	— 3.0	7.6	12
Mul-tan	Sahiwal																							10
	Multan	000	0	0	18	07	97	04	3	027	87	0	9	3	8	/	72	80	+ 4	— 2	8.0	+ 3.6	11.0	7
	Leiah	.		...	...	...	...	...		...	...	...	...	...	..	..	..	...		—	—	—	—	8
Baha-walpur	Khanpur	000	0	1	23	05	96	03	0	023	82	0	0	9	0	/	73	//	+ 2	/	0.2	— 6.5	1.1	6
	Bahawalpur	000	0	0	00	00	96	00	0	037	90	0	0	9	0	0	73	81	+ 6	+ 2	0.7	— 3.8	2.0	6
	Fort Abbas	000	0	0	23	04	98	00	0	004	94	0	0	9	0	0	86	79	/	—	0.7	—	0.8	8
Pesha-war	Chakdra	000	0	0	05	05	98	02	0	025	71	0	0	9	0	0	64	//	—	—	3.0	—	12.4	—
	Peshawar	000	0	0	31	05	96	05	0	031	82	0	0	9	0	0	69	79	+ 1	+ 2	4.1	+ 0.5	12.8	11
	Haripur	000	0	0	36	03	98	00	0	035	80	0	0	9	0	0	64	75		—	6.6	—	16.7	—
D. I.-Khan	Bannu	000	0	0	00	00	99	00	0	025	82	0	0	9	0	0	73	79	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	021	84	0	0	9	0	0	75	84	+ 4	+ 4	1.6	— 3.2	4.1	9
Quetta	Sibi	000	0	0	00	00	96	02	0	049	84	0	0	9	0	0	56	82	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	00	00	97	02	0	053	84	0	0	9	0	0	39	80	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	23	02	96	00	0	933	80	0	0	9	0	0	74	//	—	/	0.2	—	0.2	—
	Jiwani	000	0	6	13	03	96	02	2	049	80	6	6	5	0	0	76	79	—	—	0.0	—	2.0	5
	Pasni	000	0	4	13	02	97	02	0	051	78	4	0	9	0	0	75	63	+ 1	— 12	0.0	— 1.0	0.0	6
Karachi division	Ormara	000	0	0	00	00	96	01	1	065	80	7	6	6	0	0	76	15	—	—	0.0	— 0.8	0.6	6
	Lasbela																							8
	Karachi (Manora)	000	0	7	27	07	96	03	2	052	80	7	6	4	0	0	75	79	0	+ 1	1.0	— 4.5	1.1	8
	Karachi (Ariport)	000	0	7	27	05	96	02	2	049	81	7	6	5	0	0	78	78	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	000	0	6	05	02	97	02	0	101	83	0	6	6	0	0	71	78	—	—	0.1	—	0.1	—
	Chhor	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...		...	—					7
	Hyderabad	080	0	3	23	05	97	02	0	045	82	0	0	9	0	1	73	78	—	0	0.2	— 5.2	0.3	9
	Badin	000	0	0	23	05	96	02	0	056	80	0	0	9	0	0	74	78	+ 1	0	0.3	— 6.0	0.3	—
Khairpur	Padidan	000	0	2	18	05	97	03	0	037	80	2	0	0	3	0	71	76	—	—	0.8	—	0.8	—
	Nawabshah	000	0	2	13	05	96	03	0	040	81	0	0	9	0	0	75	75	—	—	1.0	—	1.1	4
	Sukkur	000	0	0	23	09	96	02	0	038	82	0	0	9	0	0	72	79		—	0.1	—	0.1	—
	Kashmore	000	0	0	18	02	98	02	0	031	86	0	0	9	0	0	73	79	—	—	0.0	—	0.0	4
	Jacobaba	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					20
Junagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	000	0	0	31	05	98	00	1	483	67	0	0	9	0	0	52	62	+ 7	+ 5	14.2	—15.5	32.4	18
Peshawar	Drosh *	000	0	1	00	00	98	03	0	485	73	1	1	7	0	0	58	69	+ 3	— 1	2.2	—	13.4	29
	Cherat *	000	0	0	00	00	98	00	0	478	77	0	0	9	0	0	59	//	+ 9	/	3.1	— 6.8	13.4	—
	Kakul *	000	0	0	18	02	98	02	0	483	77	0	0	9	0	0	35	73	—	—	14.0	—	24.7	—
	Landikotal *	000	0	4	05	05	98	00	/	///	81	4	3	9	3	0	77	75	—	—	2.2	—	12.7	29
	Prachinar *	000	0	0	02	00	98	02	0	476	75	0	0	9	0	0	49	64	+ 2	+ 1	5.8	—	16.5	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	408	81	0	0	9	0	0	54	64	—	—	0.5	— 3.2	2.0	11
	Wana *	000	0	0	00	00	99	00	0	466	75	0	0	9	0	0	79	64	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman *	000	0	0	00	00	97	02	0	463	79	0	0	9	0	0	42	70	+ 2	— 1	2.0	— 1.8	6.3	—
	Hindubagh *	000	0	0	23	02	97	02	0	453	68	0	0	9	0	0	43	50	—	—	2.7	—	6.0	9
	Loralai *	000	0	0	18	02	98	00	0	398	75	0	0	9	0	0	60	50	—	—	0.6	—	0.6	—
	Barkhan *	000	0	0	31	02	96	02	1	421	84	0	0	9	0	0	52	72	—	—	1.0	—	1.0	14
	Harnai *	000	0	0	00	00	96	02	0	456	68	0	0	9	0	0	59	//	—	/	3.2	— 6.7	5.0	9
	Samungli (Quetta) *	000	0	0	00	00	96	05	0	485	66	0	0	9	0	0	45	52	—	—	0.5	— 0.5	3.1	8
	Chaman *	000	0	0	13	03	97	00	0	470	81	0	0	9	0	0	55	72	—	+ 4	2.1	+ 2.0	4.8	—
	Nushki *	000	0	0	00	00	97	02	0	542	84	0	0	9	0	0	49	76		—	0.5	—	4.6	4
	Dalbandin *	000	0	0	05	02	94	02	0	478	78	0	0	9	0	0	27	68	— 1	— 4	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	02	02	97	02	0	484	66	0	0	9	0	0	37	51	+ 1	— 3	0.8	— 0.3	2.2	—
	Khuzdar *	000	0	0	00	00	96	02	0	462	78	0	0	9	0	0	42	73	—	—	1.8	—	3.2	5
	Panjgur *																							—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 31st AUGUST, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$iYYGG_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_iV_sa PP	7RR t_at_a	$8N_sCh_sh_s$	$0T_eT_sT_dT_d$	$1T_wT_wT_{wc}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Bathsabee ...	99 1 75	10 5 75	30 0 64	52 1 15	98 0 11	08 9 26	55 3 00	53 2 07			00 1 24	12 6 04	30 2 01	22 2 04
Bathsabee ...	99 1 88	10 5 82	30 0 04	62 1 12	98 0 20	07 5 25	75 3 00	53 4 00			00 1 23	12 5 94	30 2 01	22 7 03

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PoPoPo ToToTo DoDo	1000 mb hhh TTa DD	850 mb hhh TTa DD	700 mb hhh TTa DD	500 mb hhh TTa DD	400 mb hhh TTa DD	300 mb hhh TTa DD	200 mb hhh TTa DD	150 mb hhh TTa DD	100 mb hhh TTa DD	70 mb hhh TTa DD	50 mb hhh TTa DD	30 mb hhh TTa DD
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	005 266 14	...	540 176 14	113 098 43	583 051 22	755 151 47	957 293 59			...	...	...	...
Dacca ...	06 00	006 278 33	...	400 164 57	010 104 60	574 054 61	748 127 67	962 285 //	244 457 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	009 270 36	...	400 180 40	061 080 32	580 061 //	752 155 //	964 285 //	246 421 //	...	...	...	...	...
Multan ...	00 00	988 278 26	...	400 297 53	136 150 30	590 010 //	766 085 //	982 221 //	273 365 //	...	...	...	...	...
Peshawar ...	00 00	962 264 50	...	400 274 57	111 150 59	587 005 //	762 103 //	978 235 //	265 431 //	...	...	...	...	...
Quetta ...	00 00	819 208 67	...		112 066 57	578 333 //	740 223 //	953 333 //		...	...	...	...	...
Sargodha ...	00 00	989 280 50	...	500 254 58	217 103 56	589 105 //	757 180 //	968 285 //	251 391 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD							Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_{ta}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 202 56	808 154 58	600 034 14	350 183 //	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd fff): 0.3	0.6	0.9	1.5	2.1	3.4	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
Bogra ...	175 04	175 08	180 10	200 13	220 13					205 13	220 17	215 14				200 08	215 14	/// //	/// //	210 13						
Chaklala ...	...	235 03	230 04	225 03	230 06	320 09	325 12	320 19	290 21	...	090 08	135 04	250 06	245 04	305 10	...	160 03	190 01	240 05	285 04	325 12	320 06	265 20	265 26	...	...
Chhor ...	225 08	215 06	180 06	000 00	070 08	/// //	/// //	010 11	...	240 24	230 27	195 17	176 85	175 25	/// /	205 13	205 12	210 16	185 15	185 15	130 07	115 12	110 08	090 10	...	...
Chittagong ...	195 10	170 14	170 3/	165 14	165 12	170 11	230 01	280 06	240 06							220 04	215 01	205 10	...	205 01	...	...	...	...	...	...
Cox's Bazar ...	030 11	180 12	180 14	180 19	180 17	180 09	150 14	030 05	015 05	155 05	160 06	170 06	180 08	...	...	180 15	106 01	145 09	145 12	140 08	130 09	130 12	140 13	140 10	...	...
Dacca ...	195 13	180 09	190 09	200 10	205 10	215 13	265 08	260 09	270 09	195 12	195 12	200 09	...	180 //		210 04	210 05	200 09	200 12	200 06	195 10	230 04	265 09	255 09	...	...
Dalbandin ...		...	010 06	025 20	025 05	085 13	270 09	310 10	200 10		...	100 01	005 07	015 12	010 06	...	...	080 08	060 07	010 09	325 03	325 17	205 09	215 13	...	...
D. I. Khan ...	170 10	150 11	145 13	140 10	140 10	320 07	/// //	290 17	295 21	170 01	175 08	/// //	260 02	115 12		085 06	095 10	105 11	155 09	045 10	250 07	/// //	...	275 12	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	240 01	210 03	175 09	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	260 08	270 10	270 07	270 08	250 07	230 05	...	...	...	270 03	315 14	305 11	...	...	...	325 06	285 12	245 12	180 10	155 10	145 12	...	...
Jacobabad ...	175 08	170 08	125 05	010 05	045 09	005 08	355 10	295 03	255 06	150 15	160 10	175 06	270 04	015 12	355 12	165 07	165 11	125 10	125 06	080 08	010 17	155 10	125 16	155 18	...	...
Jessore ...	190 09	185 12	205 14	205 10	225 08	215 11	...	...	...	210 08	205 10	195 09	175 08	...	165 04	220 04	210 05	220 06	205 09	210 12	205 12	180 06	175 13	175 12	175 06	255 02
Jhelum ...	225 06	240 08	235 10	235 10	270 08	335 12	345 12	325 10	315 23	120 04	190 05	260 08	270 06	185 04	305 07	150 05	150 05	140 03	260 10	260 08	330 10	340 18	275 16	265 23	...	...
Jiwani ...	230 06	090 06	085 05	065 06	070 08	010 13	355 09	050 05	055 05	140 06	145 06	...	...	335 04	...	115 07	045 09	...	...	...	...	...	...	...	...	...
Karachi ...	255 08	300 06	005 08	040 14	035 79	078 15	005 10	...	...							240 10	240 08	...	...	...	...	...	...	...	...	...
Khanpur ...	205 08	205 08	195 12	195 14	235 12	200 08	055 13	105 11	065 10	225 10	230 11	230 11	215 10	220 07	210 12	210 25	215 35	205 33	250 27	190 29	180 21	155 10	145 10	090 25	060 40	110 18
Lahore ...	215 03	255 03	265 04	260 07	280 05	325 11	345 08	305 17	300 15	055 05	305 04	280 04	285 08	280 12	295 08	255 06	290 04	290 08	290 09	280 07	250 05	350 13	355 13	325 10	295 17	...
Multan ...	210 23	200 20	200 20	125 15	055 08	025 11	005 09	300 31	285 18	215 15	210 19	210 18	165 23	215 20	270 12	210 19	205 31	195 33	195 61	190 70	190 31	030 12	015 12	010 09	120 19	270 23
Nawab Shah ...	145 06	126 04	025 05	030 10	025 17	175 35	225 51	285 59	...	190 10	180 04	025 06	250 77	065 11	055 1/	160 08	020 03	015 03	256 06	075 08	080 87	010 08	075 18	090 12	...	...
Panjgar ...	...			005 10	005 18	005 12	330 31	325 04	220 06	...			020 18	040 18	050 22	...										...
Peshawar ...	...	050 14	085 12	160 12	170 13	235 08	275 10	310 21	300 27	..	345 09	330 06	325 04	275 04	275 08	...	030 08	010 07	200 04	270 01	255 07	/// //	270 12	270 18	...	...
Quetta ...					330 11	205 04	010 08	270 11	245 15											310 03	300 03	280 06	270 09	260 12	...	...
Sargodha ...	185 05	215 08	215 06	245 08	285 05	340 10	320 15	295 16	285 20	210 05	240 10	245 16	245 10	145 04	140 12	190 71	210 06	215 08	195 11	215 09	270 08	360 07	295 12	265 18	...	...
Sylhet ...	...									165 09	160 09	150 06	...	205 09	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...								...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
F.R. Sargodha ...																		
Karachi ...	250 13	25 15	260 14	325 12	015 11	020 18	045 23	030 28	040 20	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

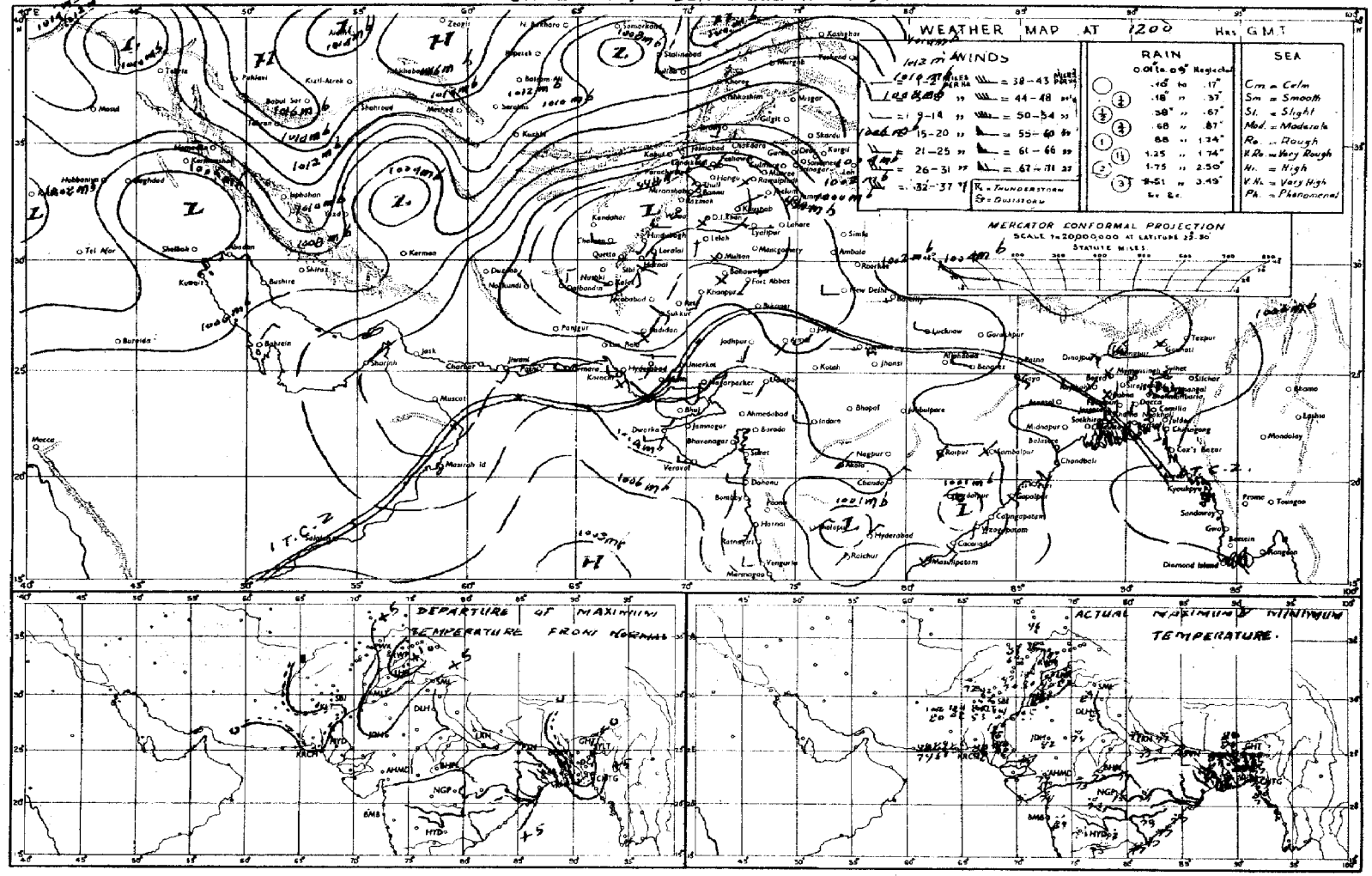
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

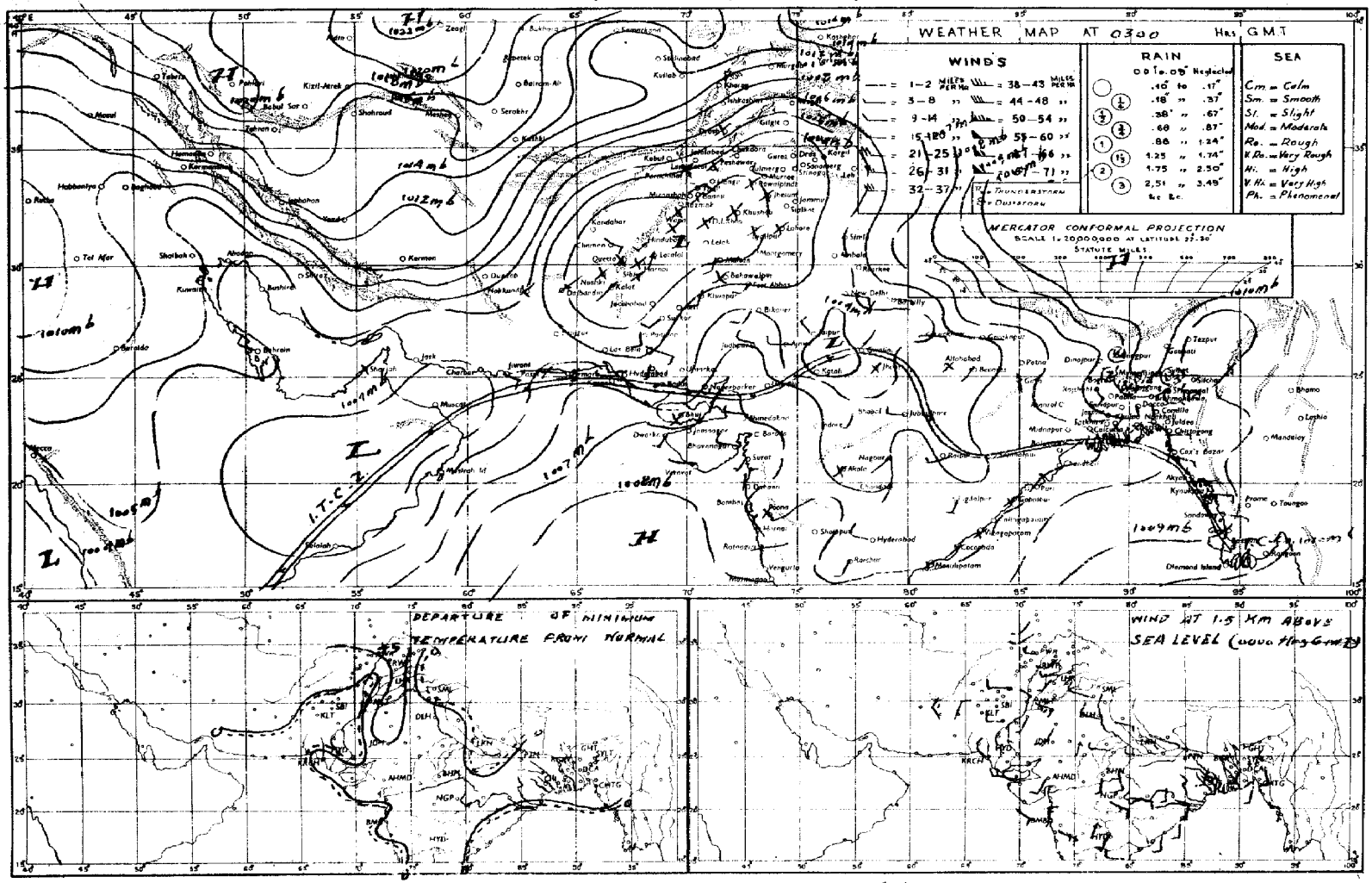
SATURDAY 30th AUGUST, 1969.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 31st AUGUST, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 4th SEPTEMBER 1969.

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

The axis of monsoon trough has shifted south wards and extends from East Punjab Orissa. Shallow incursion of moist easterlies taking place in the northern divisions of West Pakistan. A low pressure area has developed over west central Bay of Bengal. Rain/thundershowers have been scattered over East Pakistan.

The seasonal trough of low extends from Quetta division to Peshawar division. Rain/thundershowers have been scattered in Peshawar division.

Chief amounts of rainfall are:- Comilla (upto 1200 Z) 1″ and Haripur ¼″.

Day temperatures were 3—5 °F (2—3 °C) above normal over East Pakistan and northern division of West Pakistan.

Forecast valid until the evening of 5th September 1969 : — Rain/thundershowers will be local in East Pakistan and scattered in Lahore, Rawalpindi divisions and Kashmir.

Karachi-11
The 4th September, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

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

Division (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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	7	18	02	98	95	2	042	87	6	3	5	7	/	80	93
	Cox's Bazar	000	0	7	00	09	96	03	2	009	86	4	3	4	7	0	77	89
	Chittagong	012	9	6	29	03	96	02	2	005	87	3	4	4	0	1	·8	90
	Maijdee Court																	
	Comilla	104	4	2	00	00	96	02	1	004	82	2	4	7	0	0	80	90
	Brahmanbaria																	
	Sylhet	000	0	5	00	00	96	02	0	595	87	3	3	0	4	1	80	90
	Srimangal	000	0	3	00	00	96	02	0	023	87	0	0	9	2	1	80	93
Dacca	Mymensingh	000	0	3	00	00	97	01	1	005	90	3	4	6	0	0	78	93
	Narayanganj	000	0	4	23	02	96	02	2	000	91	2	6	6	3	1	78	91
	Dacca (Tezgaon)	000	0	5	00	00	97	02	2	000	90	2	2	6	7	1	78	91
	Faridpur	000	0	4	20	02	97	01	1	000	90	1	5	6	0	1	78	91
Khulna	Barisal	000	0	7	00	00	96	02	2	004	85	2	8	5	0	2	80	90
	Khulna	000	0	2	00	00	97	03	0	008	90	0	2	4	0	0	78	93
	Satkhira	000	0	6	23	03	97	00	1	086	85	2	3	9	0	1	80	90
	Jessore	000	0	4	15	05	97	02	2	999	90	2	4	4	0	8	77	91
Rajshahi	Pabna	000	0	3	23	00	99	03	1	994	90	2	3	6	0	1	80	93
	Sirajgan	000	0	2	00	00	97	01	1	002	90	2	2	6	0	0	80	91
	Rajshahi	000	0	3	00	00	95	01	1	005	87	3	9	5	0	0	80	91
	Bogra	000	0	5	00	00	96	02	1	999	90	2	2	5	0	2	77	93
	Dinajpur																	
	Rangpur																	
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	27	03	96	02	0	979	00	0	0	9	0	0	67	00
	Sialkot	000	0	0	00	00	99	00	0	591	04	0	0	9	0	0	78	05
Rawalpindi	Jhelum	000	0	1	23	03	97	02	0	926	00	1	1	7	0	0	70	00
	Islamabad																	
	Rawalpindi	000	0	3	09	02	98	00	0	977	95	3	2	8	0	0	70	98
	Campbellpur																	
Sargodha	Khushab	000	0	0	09	//	97	00	0	972	00	0	0	9	0	0	78	02
	Sargodha	000	0	1	13	03	97	02	0	974	00	1	1	6	0	0	72	02
	Lyallpur	000	0	0	29	02	96	00	0	579	56	0	0	9	0	0	73	02
Multan	Sahiwal	000	0	0	18	05	97	02	0	980	00	0	0	9	0	0	70	00
	Multan	000	0	0	20	01	94	00	0	032	58	0	0	9	0	0	72	58
	Leiah																	
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	975	02	0	0	9	0	0	70	02
	Bahawalpur	000	0	0	00	00	96	00	0	975	02	7	3	7	0	0	68	04
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chakdra	000	0	1	27	07	97	17	0	959	90	7	3	7	0	0	72	96
	Peshawar	000	0	2	05	03	97	03	0	964	98	1	3	6	3	0	64	98
	Haripur	000	0	0	13	03	98	00	1	990	90	0	0	:	0	0	64	98
D. I. Khan	Bannu	000	0	4	13	02	98	02	1	965	98	4	2	7	0	0	63	02
	D. I. Khan	000	0	0	00	00	98	00	0	972	98	0	0	5	0	0	78	02
Quetta	Sibi	000	0	0	18	03	97	02	0	582	05	0	0	5	0	0	66	10
	Nokkundi	000	0	0	31	14	95	05	0	992	95	0	0	9	0	0	38	95
Kalat	Turbat	000	0	0	05	02	96	00	0	836	08	0	0	9	0	0	76	08
	Jiwani	000	0	0	23	09	96	02	0	005	87	0	0	9	0	0	75	87
	Pasni	000	0	0	25	02	97	0.	0	984	87	0	0	0	0	0	87	87
Karachi division	Ormara	000	0	1	27	14	96	03	3	997	86	1	6	6	0	0	76	90
	Lasbela	///	0	2	19	02	98	00	0	576	01	0	0	8	0	0	77	04
	Karachi (Manora)	000	0	3	25	09	97	03	0	0(	83	1	6	4	0	1	74	85
	Karachi (Airport)	000	0	5	25	09	96	03	2	004	85	5	6	5	0	0	70	88
Hyderabad	Nagarparkar	000	0	6	18	02	97	02	0	058	96	0	6	6	0	0	67	96
	Chhor	000	0	5	23	09	96	01	7	958	51	3	6	5	0	1	70	94
	Hyderabad	000	0	2	23	09	96	07	0	992	91	0	0	9	0	1	72	97
	Badin	000	0	0	63	09	96	03	0	013	91	0	0	9	0	6	77	93
Khairpur	Padidan	000	0	2	18	05	97	02	0	97	91	0	0	9	0	1	61	02
	Nawabshah	000	0	5	13	02	96	03	1	985	(	0	0	9	0	4	77	01
	Sukkur	000	0	0	13	03	96	03	0	95	00	0	0	9	0	0	76	04
	Kashmore	000	0	0	18	0	98	02	0	983	98	0	0	9	0	0	72	00
	Jacobabad	000	0	0	11	03	97	02	0	97		0	0		0	0	62	01
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	003	4	2	31	03	98	01	6	435	73	2	1	4	0	0	56	73
Peshawar	Drosh *	000	0	0	18	02	98	02	0	445	50	0	0	9	0	0	58	93
	Cherat *	012	1	0	18	03	96	05	6	443	80	0	0	9	0	0	51	86
	Kakul *	000	0	6	31	05	98	03	2	388	65	6	7	6	/	/	78	85
	Landikotal *	001	2	7	31	03	97	97	9	44.	78	7	9	6	0	0	41	85
	Prachinar *																	
D.I. Khan	Miranshah *	000	0	4	00	00	99	00	0	413	78	0	0	9	0	0	72	56
	Wana *	...	...	...	...	...	...	...	..	..	...	.	..	...	..	..	...	—
Quetta	Fort Sandeman *	000	5	0	05	05	97	03	0	417	92	4	4	7	0	0	23	94
	Hindubagh *	000	0	0	20	03	97	02	0	418	80	0	0	9	0	0	49	90
	Loralai *	000	0	0	27	00	98	00	0	385	95	0	0	9	0	0	65	96
	Barkhan *																	
	Harnai *	000	0	0	00	80	96	82	0	412	97	0	0	9	1	0	45	00
	Samungli (Quetta) *	000	0	0	00	00	97	02	0	428	88	0	0	9	0	0	46	91
	Chaman *	000	0	0	00	00	97	00	0	442	90	2	0	9	0	0	47	91
	Nushki *	000	0	0	00	00	96	02	0	549	92	0	0	9	0		56	93
	Dalbandin *	000	0	0	13	02	96	02	0	452	95	0	0	9	0	0	//	97
Kalat	Kalat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...
	Khuzdar *	000	0	3	00	00	96	03	0	420	93	0	0	9	0	0	54	95
	Panjgur *	000	0	0	36	07	95	05	0	448	92	0	0	9	0	0	47	93

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

Division (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	5	36	12	97	01	2	013	90	3	2	5	6	3	81	//	+ 3	/	66.0	−31.4	73.5	140
	Cox's Bazar	///	0	6	36	02	97	02	2	023	90	2	8	5	3	1	79	//	+ 3	/	51.0	−16.2	10.4	108
	Chittagong																							115
	Maijdee Court																							94
	Comilla	...	..	...	...	...	..	...	...	...	...	...	...	..	..	..	...	..	+ 2					78
	Brahmanbaria																							
	Sylhet	000	0	5	09	04	99	92	2	2	90	3	4	0	0	1	81	91	—	—	—	—	—	—
	Srimangal	000	0	9	31	04	86	00	0	534	88	0	0	9	0	0	81	79	+ 3		53.6	+ 4.6	74.1	98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	037	90	4	8	9	0	0	77	81	− 5	+ 4	54.0	+ 3.2	69.2	91
	Narayanganj	000	0	5	23	02	97	02	2	030	84	3	6	5	3	1	82	84	+ 3	+ 5	39.7	− 0.5	63.1	74
	Dacca (Tezgaon)	000	0	3	23	02	97	02	0	030	90	2	2	5	4	0	79	82	—	—	41.6	—	52.7	—
	Faridpur	...	...	..	...	...	—	...	...	..	..	...	...	..			...	...	+ 3					71
Khulna	Barisal	...	...	..	...	...	..	..	...	...	...	..	...	..	...	..	...	—	+ 3					81
	Khulna	...	...	..	..	...	...	...	...	...	...	..	...	..	..	..	...	...	+ 5					68
	Satkhira	...	...	..	...	..	..	...	...	...	..	...	...	..	...	...	..	..	+ 1					65
	Jessore	...	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					65
Rajshahi	Pabna	...	..	..	...	...	...	...	...	...	..	..	..	..	...	...	..	...	—					59
	Sirajgan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					64
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					—
	Bogra	...	...	...	...	...	...	...	...	...	...	..	...	...	.	..	...	...	+ 4					69
	Dinajpur																							72
	Rangpur																							84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	021	86	0	0	9	0	0	73	80	+ 3	+ 4	12.4	− 0.5	17.0	19
	Sialkot	000	0	0	00	00	97	00	0	054	82	0	0	9	0	0	75	73	+ 1	− 4	7.0	−14.0	11.5	32
Rawalpindi	Jhelum	000	0	0	00	00	57	02	8	026	88	0	0	9	0	0	75	79	—	—	19.3	—	27.6	—
	Islamabad																							—
	Rawalpindi	—	...	..	...	...	...	...	..	...	...	..		...	..	...	...	...	+ 5					36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	00	98	00	0	020	88	0	0	9	0	0	80	80	+ 3	+ 1	3.8	− 4.3	7.2	15
	Sargodha	00.	0	0	09	03	97	02	0	020	88	0	0	9	0	0	76	79	—		15.4	—	19.0	—
	Lyallpur	160	0	0	00	00	96	00	0	0.2	/	0	0	5	0	0	74	79	+ 5	+ 1	4.6	− 3.4	7.6	12
Multan	Sahiwal	000	0	0	18	03	97	02	0	024	84	0	0	9	8	0	73	79	+ 2	− 2	6.0	+ 3.5	11.0	10
	Multan	00	8	0	00	00	96	00	0	048	94	0	0	9	0	0	70	80	—	—	1.0	—	2.7	7
	Leiah																							8
Bahawalpur	Khanpur	000	0	0	23	03	96	02	0	020	8	0	0	9	0	0	70	79	− 1	0	0.2	− 4.5	1.1	6
	Bahawalpur	000	0	0	00	00	96	00	0	029	86	0	0	9	0	0	73	80	+ 3	+ 2	0.7	− 3.3	2.0	6
	Fort Abbas	000	0	0	23	04	98	00	0	///	90	0	0	5	0	0	82	79	—	—	0.7	—	0.8	8
Peshawar	Chakdra	000	0	0	05	00	98	02	0	017	73	0	0	9	0	8	60	68	—	—	3.2	—	12.6	—
	Peshawar	000	0	0	00	00	97	03	0	027	85	0	0	9	0	1	67	76	+ 1	—	4.6	− 0.9	13.5	11
	Haripur	029	9	0	05	03	97	00	6	032	80	0	0	9	0	0	63	78	—	—	6.6	—	16.7	—
D. I. Khan	Bannu	000	0	0	23	01	99	01	1	020	80	0	0	9	0	7	70	79	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	0	0.	00	98	00	0	0 7	86	0	0	9	0	0	72	75	+ 1	+ 4	1.6	− 3.3	4.1	9
Quetta	Sibi	000	0	0	00	00	97	02	0	014	8	0	0	9	0	0	78	81	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	36	12	97	02	0	057	74	0	0	9	0	0	32	71	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	09	02	96	00	(	511	78	0	0	9	0	0	69	22	—	—	0.2	—	0.2	—
	Jiwani	000	0	0	18	03	96	03	4	036	79	2	6	4	0	0	77	75	—	—	0.0	—	2.0	5
	Pasni	000	0	4	13	06	95	04	6	076	79	0	0	9	0	0	78	64	— 1	— 10	0.0	− 0.8	0.0	6
Karachi division	Ormara	...	...	..	...	...	...	...	..	...	..	...	...	...	...	...	...	...	—					6
	Lasbela	///	0	4	00	00	98	80	0	025	8	0	0	8	0	0	77	72	—	—	0.7	—	0.7	8
	Karachi (Manora)	000	0	2	37	07	97	03	–	037	80	2	0	9	2	0	75	78	— 1	0	1.0	− 4.5	1.1	8
	Karachi (Airport)	000	0	7	27	03	96	02	1	033	80	7	6	5	0	0	72	77	—	—	1.5	—	1.6	—
Hyderabad	Nagarparkar	000	0	6	05	02	97	02	0	091		0	6	6	0	0	72	79	—	—	—	—	—	—
	Chhor	000	0	5	23	09	96	03	1	041	80	1	6	5	0	1	73	75	—	—	0.2	—	0.3	7
	Hyderabad	000	0	5	2	05	97	3	1	032	81	0	0	9	0	!	73	77	0	— 1	0.2	− 5.3	0.3	9
	Badin	000	0	0	23	03	6	2	0	36	7	0	0	9	0	0	73	77	0	— 1	0.3	− 6.3	0.3	—
Khairpur	Padidan	000	0	3	13	05	96	03	0	02	81	3	0	9	4	0	74	75	—	—	0.8	—	0.8	—
	Nawabshah	000	8	3	13	09	96	03	0	08	80	0	0	9	0	1	76	74	—	—	1.0	—	1.1	4
	Sukkur	000	6	0	13	05	96	02	0	024	8.	0	0	9	0	0	72	78	—	—	0.1	—	0.1	—
	Kashmore																		—					4
	Jacobabad	600	0	0	09	03	96	02	0	029	83	0	0	9	0	0	73	79	— 2	— 1	0.5	— 1.6	0.8	20
Junagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							3
	Dras **																							6
	Leh **																							—
	Skardu *																							—
	Misgar **																							5
	Aliabad *																							59
	Gilgit *																							
Rawalpindi	Murree *	003	0	0	32	02	98	00	0	465	67	0	0	9	0	0	56	63	+ 4	+ 7	14.7	−16.6	32.4	18
Peshawar	Drosh *	000	0	0	00	00	98	00	0	446	75	0	0	9	0	0	58	//	+ 8	—	3.1	− 7.4	13.4	29
	Cherat *	012	9	0	31	09	98	03	0	471	7.	0	0	9	0	0	54	67	—	—	14.0	—	24.7	—
	Kakul *	000	0	0	36	02	98	00	0	450	82	0	0	9	0	0	75	77	—	—	2.2	—	12.6	—
	Landikotal *	003	0	0	00	02	98	02	0	474	72	0	0	9	0	0	70	63	+ 1	— 1	5.8	—	16.5	29
	Prachinar *																							13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	455	80	0	0	9	0	0	60	75	—	—	0.5	— 3.2	2.0	11
	Wana *	000	0	0	00	00	93	00	0	442	78	0	0	9	0	0	49	60		—	1.2	—	4.1	11
Quetta	Fort Sandeman *	000	0	0	00	00	96	05	0	448	79	0	0	9	0	0	51	73	— 2	+ 3	2.0	— 2.8	6.3	—
	Hindubagh *	000	0	0	23	02	97	02	0	474	64	0	0	9	0	0	44	63	—	—	2.7	—	6.0	9
	Loralai *	000	0	0	18	02	98	00	0	385	05	0	0	9	0	0	55	56	—	—	0.6	—	0.6	—
	Barkhan *																							14
	Harnai *	000	0	0	00	00	96	02	0	422	81	0	0	9	0	/	78	//	—	—	3.2	— 3.5	5.0	9
	Samungli (Quetta) *	000	0	0	13	03	97	00	0	467	71	0	0	9	0	0	41	66	— 3	— 1	2.1	+ 2.0	4.8	8
	Chaman *	000	0	0	00	00	97	02	0	526	78	0	0	9	0	0	33	69	—	—	0.5	—	2.6	—
	Nushki *	000	0	0	36	02	96	02	0	471	72	0	0	9	0	0	//	63	— 6	— 2	0.0	— 0.2	0.5	7
	Dalbandin *																							—
Kalat	Kalat *	000	0	0	18	02	97	02	0	466	62	0	0	9	0	0	52	48	—	— 5	0.8	— 0.2	2.2	—
	Khuzdar *	008	0	0	00	00	96	02	0	448	76	0	0	9	0	0	42	70	—	—	1.8	—	3.1	
	Panjgur *	000	0	0	80	00	95	05	0	455	69	0	0	9	0	1	42	6.	— 6	+ 6	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

THURSDAY THE 4th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_gt_g	$8N_sC_sh_s$	$OT_aT_aT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Durmara	99 2 07	10 7 04	03 1 23	82 5 08	98 0 27	63 7 28	32 4 71	13 6 06	...		05 1 26	...	30 2 01	22 6 03
Suna	99 2 03	10 6 94	03 1 23	72 9 09	99 0 27	03 6 28	31 4 18	...	73 7 30		05 4 24	12 9 79	30 1 01	29 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
		PoPoPo ToToTo DoDo	hhh TT $_s$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	999 474 17	...	405 194 23	103 118 43	575 030 50	749 121 62	973 265 68	253 477 //	...	...	...	...	...
Dacca ...	00 00	001 294 20	...	400 190 58	010 100 60	757 037 56	749 127 59	963 225 58	241 505 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	009 280 45	...	400 180 30	061 076 00	575 071 //	741 181 //	959 271 //	241 445 //	...	...	...	...	...
Multan ...	00 00	861 266 59	...	500 226 61	182 106 58	587 101 07	757 191 //	968 245 //	261 395 //	...	...	...	...	...
Peshawar ...	00 00	962 258 57	...	380 261 57	657 320 08	503 047 57	757 101 //	968 197 //	269 357 //	...	...	...	...	...
Quetta ...	00 00	817 184 66	...	...	104 140 66	585 035 //	759 131 //	972 303 //	241 559 //	...	...	...	...	...
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT $_s$ DD								Max. Wind Speed	TROPOPAUSE	
										PmPmPm dmdmfmfmfm	$P_tT_tP_tT_tT_{as}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 214 10	800 170 27	...	350 195 60	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 220 50	800 164 57	600 034 //	350 195 61	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...													

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights) –Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

T_{as}—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	020 03	020 03	305 03	270 03	270 03	260 03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	085 10	095 04	160 06	215 07	275 13	295 14	260 19	250 21	...	...	...	...	...	...	...	010 04	345 03	315 03	310 04	275 05	295 08	330 08	330 09	...	...
Chhor ...	220 21	220 26	215 18	180 04	185 04	...	...	...	...	220 19	235 28	190 23	175 22	135 11	110 08	205 12	200 12	185 19	170 15	155 11	130 06	135 07	060 03	075 05	...	...
Chittagong ...	285 07	255 05	255 05	160 07	195 04	135 02	090 04	055 08	035 07	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	270 04	280 04	270 03	165 03	165 06	133 10	100 12	...	...	345 11	351 00	// //	030 08	030 09	010 11	035 05	030 08	040 09	045 12	065 15	090 13	075 15	075 15	065 18	...	...
Dacca ...	250 06	240 06	260 06	280 03	050 03	035 04	035 04	110 02	110 02	035 10	205 14	030 09 195 15	360 11	005 17	075 11	165 06	170 08	055 02	040 04	255 01	155 07	255 01	295 10	285 12	...	...
Dalbandin ...	...	...	280 01	040 07	040 09	030 12	295 07	290 15	280 16	...	...	...	165 09	120 04	105 04	...	170 08	170 07	145 07	105 06	115 03	305 05	255 42	090 06	...	...
D. I. Khan ...	065 02	100 01	115 04	120 10	125 08	070 02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	040 12	035 81	005 71	250 03	140 05	170 09	...	...	...	090 63	355 04	275 05	...	...	...	355 05	050 18	040 07	330 07	295 06	195 03	...	...
Fort Sandeman ...	...	...	...	270 04	340 02	290 07	241 01	...	...	...	...	...	210 05	285 09	255 06	155 04	195 06	145 05	145 07	050 08	055 07	085 17	125 21	180 17	...	...
Jacobabad ...	180 07	165 03	115 04	115 04	060 05	355 06	230 10	270 14	265 13	170 17	160 12	175 09	320 04	340 07	360 08	105 02	150 04	195 03	270 55	305 07	310 09	320 11	290 08	265 15	...	...
Jessore ...	150 05	134 05	130 04	080 02	120 05	120 07	/// //	120 02	115 05	...	...	...	060 12	...	...	005 13	040 15	045 17	055 11	030 10	355 18	350 06	040 07	050 07	...	...
Jhelum ...	190 04	190 07	190 07	180 04	220 04	290 04	290 12	265 27	255 35	130 01	150 04	280 01	320 04	340 07	360 08	240 12	245 14	260 08	...	295 07	...	...	...	...	...	...
Jiwani ...	205 10	220 05	220 02	035 09	015 12	340 19	350 09	330 05	100 77	270 05	340 07	070 14	060 12	...	...	220 24	215 33	225 33	225 31	200 22	185 18	185 04	/// //	180 21	...	...
Karachi ...	230 08	230 15	255 07	315 07	...	...	...	...	...	...	...	...	...	...	...	295 02	265 03	260 03	255 04	300 08	0.0 04	325 05	310 09	310 10	...	...
Khanpur ...	205 14	200 18	200 19	185 10	190 08	250 04	095 09	095 11	130 12	195 07	195 09	/// //	195 12	225 13	245 17	215 11	220 13	180 13	180 11	165 08	135 06	695 12	120 70	110 09	...	...
Lahore ...	275 02	255 04	250 06	215 07	210 07	270 04	305 07	305 08	260 17	290 03	280 05	275 05	280 04	250 03	250 02	295 02	265 03	260 03	255 04	300 08	0.0 04	325 05	310 09	310 10	...	...
Multan ...	195 09	180 10	180 12	170 09	155 09	080 06	210 07	270 17	255 22	195 10	195 12	205 11	240 01	135 04	080 08	215 11	220 13	180 13	180 11	165 08	135 06	695 12	120 70	110 09	...	...
Nawab Shah ...	140 03	090 04	050 5?	005 05	305 03	145 02	190 02	340 04	020 06	200 10	285 06	060 05	015 07	050 07	050 19	145 08	035 07	025 07	040 08	080 08	110 07	145 06	085 04	015 08	...	...
Panjgar ...	...	...	...	350 12	340 14	340 23	135 12	170 08	195 61	...	...	...	350 12	335 12	330 24	...	...	...	020 13	035 16	055 11	075 10	100 07	350 04	...	...
Peshawar ...	...	065 10	110 07	185 08	200 07	225 86	275 03	...	330 03	..	330 02	055 03	005 04	280 08	320 08	...	100 06	100 01	320 05	270 04	285 04	270 07	355 12	360 15	...	...
Quetta ...	...	...	...	...	345 02	305 05	175 07	360 15	272 07	...	...	...	350 12	335 12	330 24	...	...	...	...	275 01	290 02	305 08	315 14	300 17	...	...
Sargodha ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	275 12	280 09	295 07	305 08	305 10	...	...	...	...	060 05	070 09	055 09	080 12	150 08	090 07	185 05	230 04	225 04	310 03	060 02	340 07	295 10	290 13	280 15	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	180 06	035 08	045 08	...	050 10	...	085 09	...	045 08	...	...	...	...	...	...	...	...	...
Karachi ...	255 19	260 19	300 17	230 10	025 11	060 15	085 11	130 11	115 10	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

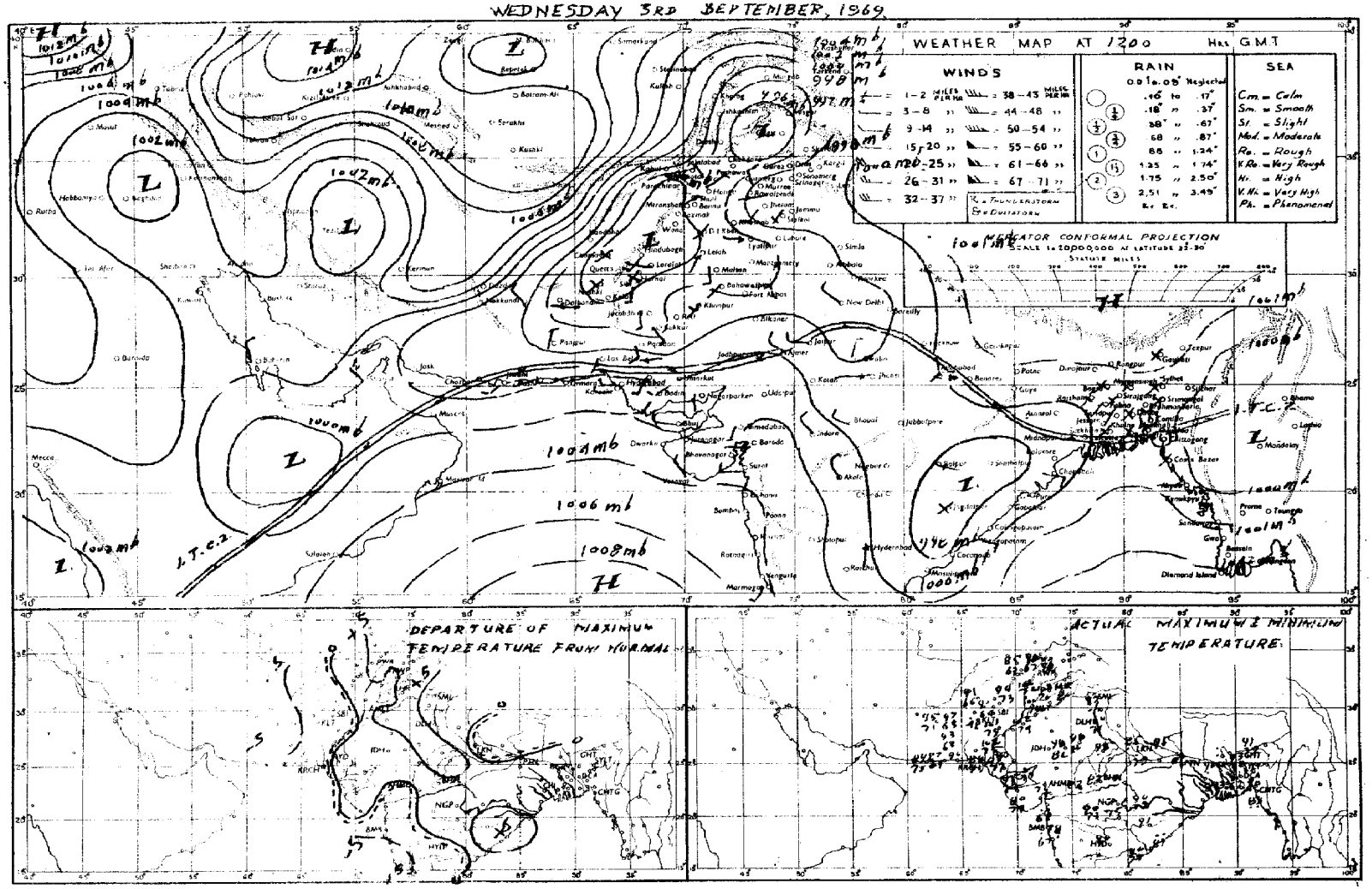
ff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

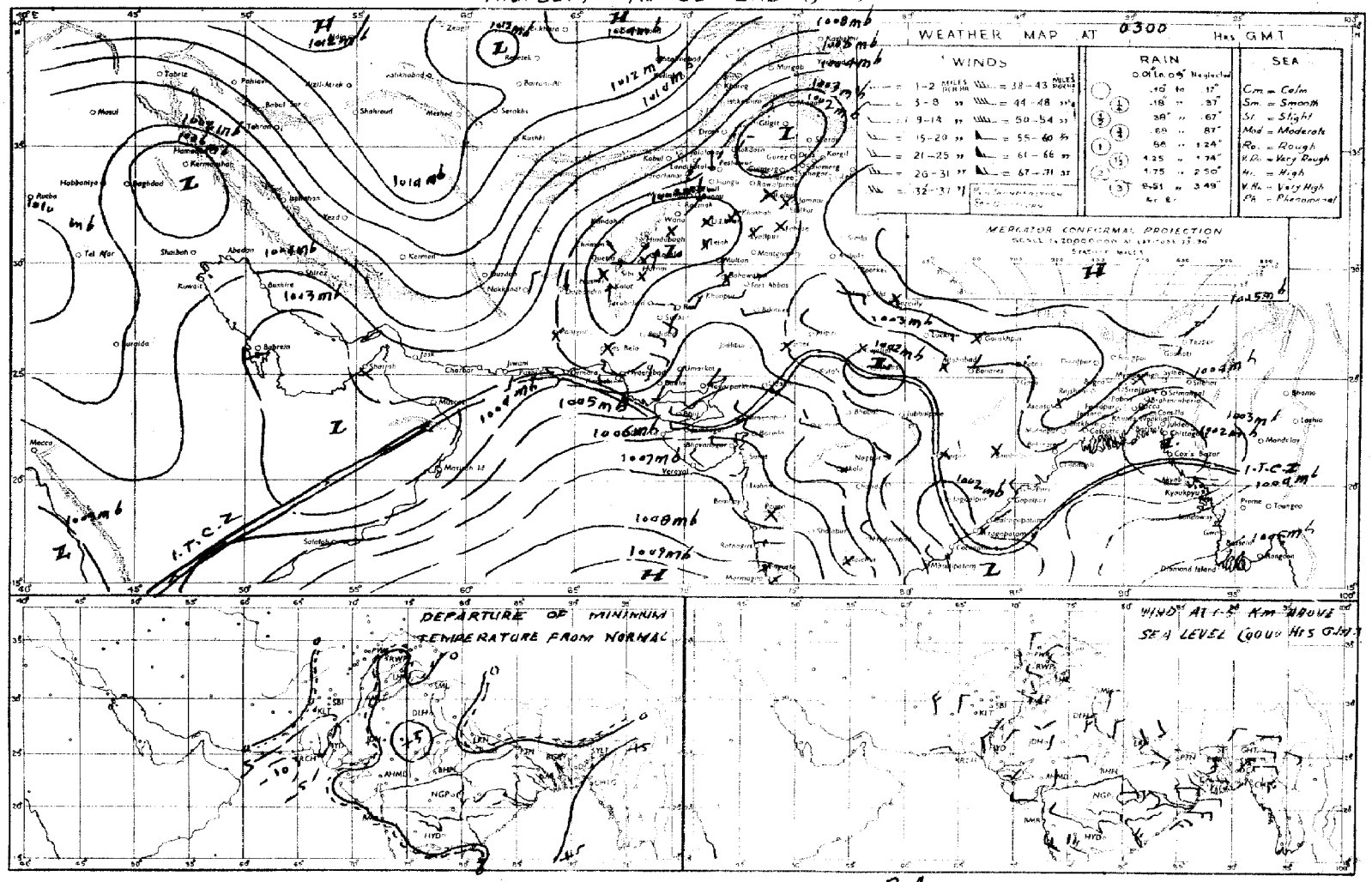
WEDNESDAY 3RD SEPTEMBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 4th SEPTEMBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 5th SEPTEMBER 1969.

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

The monsoon trough runs from East Punjab to south Orissa coast. The low pressure area over west central Bay of Bengal persists.

Rain/thundershowers have been fairly widespread in Khulna division and local in Chittagong division. The seasonal low pressure are continues to extend from Quetta division to Peshawar division. Weather remained dry over West Pakistan.

Chief amounts of rainfall are:- Maijdee Court 2", Chittagong, Comilla and Satkhira 1½" each, Barisal 3/4", Rangamati and Jessore ¼" each.

Day temperatures were 3—8 °F (2—4 °C) above normal in East Pakistan, Lahore, Rawalpindi, Sargodha, Multan and Kalat divisions and 3—4 °F (2 °C) below normal in D. I. Khan, Quetta and Khairpur division.

Forecast valid until the evening of 6th September 1969 :— Rain/thundershowers will be local in Chittagong division and scattered elsewhere over East Pakistan. Weather will be dry over West Pakistan.

Karachi-11
The 5th September, 1969.

OBSERVATIONS

(ZARIF AHMED)
for Director, Meteorological Service.

DIVISION	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) ° (PPP)	Dry Bulb temperature ° (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud from † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud from † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G. M. T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (We)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past Weather (W)	Sea level pressure (mbs. and tenths) ° (PPP)	Dry Bulb temperature (TT)	Amounts of Lowest Cloud † (N)	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, 1969 upto-date	Departure from normal	Since 1st January, 1969 upto-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	4
Chittagong	Rangamati	...	002	2	7	18	05	96	91	9	990	93	6	3	5	7	/	82	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—				140
	Cox's Bazar	...																																							108
	Chittagong	...	127	3	8	05	08	96	95	9	007	79	8	9	2	2	0	75	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 7				115
	Maijdee Court	...	020	5	18	02	96	02	2	981	91	3	1	5	5	2	1	82	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 8				94
	Comilla	...	000	0	0	00	00	96	02	0	983	91	0	0	9	0	0	82	94	150	9	0	00	00	96	02	6	048	84	4	4	7	0	0	84	77	+ 6	0	73.4	+19.2	92.6	78
	Srahmanbaria	...	000	0	4	05	02	97	02	1	985	90	2	1	5	2	2	82	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—			
	Sylhet	...	000	0	4	00	00	96	03	2	981	90	5	3	6	0	1	82	96	000	0	7	00	00	97	02	2	053	86	4	4	3	1	1	77	81	—	—	11.3	—	138.2	
	Srimangal	...	000	0	3	00	00	96	02	0	983	91	1	9	5	7	1	84	95	000	0	6	00	00	86	02	0	055	84	3	5	5	7	2	77	77	+ 5	+ 2	53.6	— 4.1	74.1	98
Dacca	Mymensingh	...	000	0	4	00	00	96	01	0	011	90	4	5	6	0	0	82	93	000	0	6	00	00	96	02	1	058	86	6	5	6	0	0	79	81	+ 5	+ 3	54.0	—13.7	69.2	91
	Narayanganj	...	000	0	4	23	02	96	02	2	987	93	4	6	8	3	1	82	95	000	0	8	13	07	97	03	2	044	84	8	6	3	8	8	77	58	+ 7	— 1	39.7	— 1.0	69.1	74
	Dacca (Tejgaon)	...	000	0	5	31	05	98	03	2	985	90	3	4	5	0	1	80	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	8	11	3	97	02	2	031	83	6	4	5	1	0	81	81	—	+ 2	34.4	— 5.2	48.0	71
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	069	8	8	13	02	96	21	6	041	79	6	4	4	7	0	97	77	—	— 1	47.5	— 0.8	57.3	81
	Khulna	...	000	0	2	00	00	97	03	0	022	93	0	2	2	0	0	78	96	000	0	2	00	00	57	03	0	040	81	2	2	4	0	0	93	79	+ 8	+ 1	39.1	— 3.2	45.2	68
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	160	0	6	18	02	97	80	1	052	81	2	3	9	0	1	79	79		+ 1	36.4	— 2.7	41.6	65
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	022	9	8	09	08	96	95	9	026	79	6	9	2	2	1	79	79			33.6	— 3.5	42.0	65
Rajshahi	Rahna	...																																							59
	Sirajgan	...																		000	0	8	13	02	97	03	2	042	84	8	0	7	1	0	81	81		+ 2	33.9	— 3.5	41.4	64
	Rajshahi	...	000	0	0	00	00	97	01	1	947	91	1	5	9	5	0	65	94	000	0	5	09	02	96	03	1	033	90	5	5	5	0	0	49	82	+ 6	+ 3	33.8	—	59.4	
	Bogra	...	000	0	0	00	00	96	00	0	990	90	0	0	9	0	0	79	94	000	0	0	00	00	96	00	0	996	90	0	0	9	0	0	82	94	+ 5	+ 6	58.8	—13.5	81.8	69
	Dinajpur	...	000	0	8	00	00	96	01	0	044	86	1	0	9	1	0	77	94	000	0	5	09	02	96	03	0	078	87	5	0	9	2	0	79	81	+ 5	+ 4	53.7	+ 3.3	72.4	72
	Rangpur	...																																						84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Jail Rd.)	...	000	0	0	27	02	96	05	0	992	60	0	0	9	0	0	67	00	000	0	0	00	00	95	05	0 0	022	87	0	0	9	0	0	73	82	+ 3	+ 6	12.4	— 0.6	17.0	19
	Sialkot	...																																						32
Rawalpindi	Jhelum	...																																							—
	Islamabad	...	000	0	3	00	00	97	01	0	984	00	1	1	7	6	0	70	02	000	0	0	13	02	96	02	8	020	87	0	0	9	0	0	73	81	—	—	19.3	—	27.6	—
	Rawalpindi	...																																			+ 5				36
	Campbellpur	...	090	0	3	00	00	97	00	0	988	95	0	0	9	0	0	76	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					—
Sargodha	Khushab	...	000	0	0	00	00	97	00	0	980	00	0	0	9	0	0	78	05	000	0	0	00	//	98	00	0	012	86	0	0	9	0	0	79	81	+ 6	+ 2	3.8	— 3.4	7.2	15
	Sargodha	...	000	0	0	00	00	97	02	0	988	00	0	0	9	0	0	70	00																		—	—			—
	Lyallpur	...	000	0	0	00	00	96	00	0	995	00	0	0	9	0	0	70	05	000	0	0	06	00	96	00	0	///	04	0	0	9	0	0	77	//	+ 8	/	4.6	— 3.7	7.6	12
Multan	Sahiwal	...	000	0	2	18	05	97	03	0	994	00	0	0	9	0	0	72	02	000	0	0	18	09	97	01	0	013	87	0	0	9	0	0	73	82	+ 4	+ 1	8.0	+ 3.5	11.0	10
	Multan	...	000	0	0	07	01	94	00	0	026	00	0	0	9	0	0	68	00	000	0	0	02	08	96	00	0	048	87	0	0	9	0	0	73	82	—	—	1.0	—	2.7	8
	Leiah	...																																							—
Bahawalpur	Khanpur	...	000	0	3	00	00	97	02	0	991	98	0	0	9	0	1	63	00	000	0	0	23	05	97	02	0	///	84	0	0	9	0	0	73	84	— 3	+ 2	0.2	— 4.5	1.1	6
	Bahawalpur	...	000	0	0	00	00	97	00	0	992	00	0	0	9	0	0	70	04	000	0	0	00	00	96	00	0	023	86	0	0	9	0	0	73	84	+ 3	+ 6	0.7	— 3.5	2.0	6
	Fort Abbas	...	///	0	2	23	04	98	00	1	001	//	0	0	9	0	0	79	//	000	0	0	73	04	98	00	0	998	90	0	0	9	0	0	73	82	79	/	—	0.7	—	0.8	8
Peshawar	Chakdra	...																		000	0	1	05	02	98	01	0	017	//	0	0	9	0	0	64	73			3.2	—	12.6	
	Peshawar	...	000	0	1	36	02	97	03	0	985	55	1	2	6	3	0	67	96	000	0	1	27	30	97	02	2	016	82	1	0	9	3	0	65	77	— 1	+ 1	4.6	— 0.8	13.5	11
	Haripur	...	000	0	0	18	02	98	00	0	005	99	0	0	9	0	0	62	00	000	3	4	05	03	97	03	2	025	82	4	0	9	3	0	64	75	—	—	6.6	—	16.7	—
D. I. Khan	Bannu	...	000	0	5	10	02	98	02	1	977	98	2	1	8	4	0	70	00	000	0	0	08	05	99	00	0	018	81	0	0	9	0	0	69	79	—	—	0.6	—	4.5	11
	D. I. Khan	...	000	0	0	00	00	98	00	0	958	96	0	0	9	0	0	70	96	000	0	0	00	00	98	00	0	///	80	0	0	9	0	0	73	73	+ 5	+ 4	1.6	— 3.4	4.1	9
Quetta	Sibi	...	000	0	1	18	03	97	02	0	979	06	0	0	9	0	0	67	07	000	0	0	00	00	97	02	0	027	85	0	0	9	0	0	68	82	—	—	0.2	—	0.2	5
	Nokkundi	...	000	0	0	31	10	97	02	0	998	96	0	0	9	0	0	43	98	000	0	0	31	17	97	02	0	058	74	0	0	9	0	0	28	73	—	—	0.0	—	0.3	2
Kalat	Turbat	...	000	0	0	09	02	96	00	0	876	09	0	0	9	0	0	77	10	000	0	0	23	02	96	00	0	921	78	0	0	9	0	0	72	22	—	—	0.2	—	0.2	—
	Jiwani	...	000	0	0	23	07	96	02	0	018	87	0	0	9	0	0	75	89	000	0	3	13	03	96	02	2	052	78	2	6	5	0	0	77	75	—	—	0.0	—	2.0	5
	pasni	...	000	0	0	25	12	97	02	0	024	86	0	0	0	0	0	77	92	000	0	4	23	04	97	02	0	061	77	4	0	9	0	0	73	63	— 4	— 11	0.0	— 1.0	0.0	6
Karachi division	Ormara	...																		000	0	4	00	00	96	06	0	018	78	4	6	6	0	0	75	75	—	—	0.0	— 0.8	0.6	4
	Lasbela	...	000	0	0	05	03	97	00	0	589	00	0	0	8	0	0	84	02	///	0	6	00	00	98	00	0	045	80	1	0	8	0	0	74	72	—	—	0.7	—	0.7	8
	Karachi (Manora)	...	000	0	0	25	09	97	03	0	022	84	3	6	4	0	0	75	86	000	0	1	27	05	96	01	0	051	80	1	6	4	0	0	75	78	— 0	—	1.5	—	1.5	—
	Karachi (Airport)	...	090	0	0	23	05	96	03	0	019	84	3	6	5	0	1	72	88	000	0	2	27	05	96	03	1	046	79	2	6	5	0	0	73	77	—	—	0.1	—	0.1	—
Hyderabad	Nagarparkar	...	000	0	6	05	02	97	02	0	058	95	0	6	6	0	0	72	05	000	0	6	05	02	97	02	0	091	82	0	6	6	0	0	72	79	—	—				7
	Chhor	...	000	0	3	23	09	96	02	0	011	93	0	0	9	0	0	67	97																		—	—			—	9
	Hyderabad	...	000	0	0	23	09	97	01	1	099	//	0	0	9	0	1	71	96	000	0	0	23	05	97	03	0	041	//	/	/	/	/	/	//	//	—	1	0.2	— 5.3	0.3	7
	Badin	...	000	0	1	//	//	96	02	0	021	92	0	0	9	0	0	76	94	000	0	0	23	04	96	02	0	056	80	0	0	9	0	0	//	77	+ 1	— 1	0.3	— 6.3	0.8	—
Khairpur	Padidan	...	000	0	1	23	05	97	01	0	999	01	0	0	9	0	1	66	03	000	0	2	13	07	97	03	0	031	80	2	0	9	0	1	71	77	—	—	9.8	—	0.8	4
	Nawabshah	...	000	0	2	18	02	96	03	0	006	98	0	0	9	8	2	79	00	000	0	2	18	10	96	03	0	030	80	0	0	9	0	0	76	76	—	—	1.0	—	1.1	—
	Sukkur	...	000	0	0	23	03	96	02	0	987	02	0	0	9	0	0	77	03	000	0	0	13	05	96	02	0	026	86	0	0	9	0	0	71	80	—	—	0.1	—	0.1	4
	Kashmore	...	000	0	0	18	02	98	02	0	981	99	0	0	9	0	0	71	01	000	0	0	11	02	98	02	0	009	82	0	0	9	0	0	70	78	—	—	0.0	—	0.0	10
	Jacobabad	...	000	0	0	13	03	97	02	0	997	99	0	0	9	0	0	75	00	000	0	0	09	03	96	02	0	031	85	0	0	9	0	0	73	80	— 3	9	0.5	— 1.6	0.8	26
unagadh	Veraval	...																																							—
Kashmir	HILL STATIONS																																								
	Srinagar	** ...																																							71
	Gulmarg	** ...																																							26
	Sonamarg	** ...																																							3
	Dras	** ...																																							6
	Leh	** ...																																							—
	Skardo	** ...																																							5
	Misgar	** ...																																							59
	Aliabad	** ...																																							
	Gilgit	** ...																																							
Rawalpindi	Murree	** ...	000	0	0	27	03	98	00	0	462	73	2	0	9	0	0	59	76	003	0	0	27	02	98	00	0	462	65	0	0	9	0	8	58	//	+ 7	/	14.7	—16.8	32.4	18
Peshawar	Drosh	** ...	000	0	0	00	00	98	00	0	458	90	0	0	9	0	0	58	91	000	0	0	00	00	98	00	0	467	72	0	0	9	0	0	67	//	0	+ 1	2.2	—	13.4	29
	Chitral	** ...																		000	0	0	00	00	98	00	0	459	77	0	0	9	0	0	59	//			3.1	— 7.5	13.4	—
	Kakul	** ...	000	0	0	18	03	96	05	0	227	82	0	0	9	0	0	56	87	000	0	2	23	03	98	01	1	467	79	1	1	6	0	0	60	69	—	—	14.0	—	24.7	—
	Landikotal	** ...	000	0	6	31	05	98	03	2	388	69	6	7	6	/	/	78	85	000	0	4	05	05	98	01	1	411	81	4	3	9	3	0	77	75	—	—	2.2	—	12.6	29
	Prachinar	** ...	000	0	5	16	05	98	03	1	452	80	7	9	6	0	0	47	85	000	0	0	00	00	98	02	0	464	69	0	0	9	0	0	60	64	+ 1	0	5.8	—	16.5	13
D.I. Khan	Miranshah	** ...	000	0	0	00	00	99	00	0	442	96	0	0	9	0	0	59	96	000	0	0	00	05	05	99	00	0	442	82	0	0	9	0	0	60	76	—	—	0.5	— 2.3	2.0	11
	Wana	** ...	000	0	0	13	07	98	00	0	454	90	0	0	9	0	0	49	93	000	0	0	00	00	99	00	0	442	79	0	0	9	0	0	54	60	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman	** ...	000	2	5	25	02	97	03	1	429	93	5	9	9	7	0	0	36	95	000	0	0	00	00	97	02	0	455	78	0	0	9	0	0	35	72	—	—	2.0	— 3.0	6.3	—
	Hindubagh	** ...	000	0	0	27	03	97	02	0	433	88	0	0	9	0	0	43	91	000	0	0	27	02	97	02	0	464	//	0	0	9	0	0	52	47	—	—	2.7	—	6.0	9
	Loralai	** ...	000	0	0	27	02	98	00	0	390	95	0	0	9	0	0	60	96	000	0	0	18	02	98	00	0	398	65	0	0	9	0	0	65	47	—	—	0.6	—	0.6	—
	Barkhan	** ...																																							14
	Harnai	** ...	000	0	0	00	00	96	02	0	433	96	0	0	9	0	0	52	98	000	0	0	00	00	96	02	0	452	81	0	0	9	0	0	59	//		/	3.2	— 3.6	5.0	9
	Samungli (Quetta)	** ...	000	0	1	31	05	97	02	0	431	88	1	3	7	0	0	26	91	000	0	0	00	00	96	02	0	484	61	0	0	9	0	0	32	50	—	— 2	0.5	— 0.5	3.1	4
	Chaman	** ...	000	0	0	27	03	97	00	0	458	92	2	0	9	0	0	53	93	000	0	0	18	03	97	00	0	464	73	0	0	9	0	0	42	65	2.1	+ 2.0	2.1	—	4.8	—
	Nushki	** ...	000	0	0	31	04	96	02	0	523	95	0	0	9	0	0	61	96	000	0	0	05	03	97	02	0	536	77	0	0	9	0	0	33	71	0.5	—	2.6	—	4.1	7
	Dalbandin	** ...	000	0	0	23	02	96	02	0	460	93	0	0	9	0	0	24	99	000	0	0	00	00	97	02	0	463	66	0	0	9	0	0	//	61	— 4	— 4	0.0	— 0.2	0.5	—
Kalat	Kalat	** ...	000	0	0	31	03	96	02	0	438	79	0	0	9	0	0	63	87	000	0	0	18	02	97	02	0	469	62	0	0	9	0	0	46	48	+ 1	—	0.8	— 0.3	2.2	5
	Khuzdar	** ...	000	0	1	23	02	96	03	0	434	93	1	0	9	0	0	44	95	000	0	0	00	00	96	01	0	459	77	0	0	9	0	0	27	69	—	—	1.8	—	3.1	5
	Panjgur	** ...	000	0	0	36	05	95	05	0	455	95	0	0	9	0	0	55	97	000	0	0	00	00	95	05	0	468	73	0	0	9	0	0	45	58	— 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 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 5th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	$7RR\,t_Rt_R$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dwarka	99 2 28	10 6 82	04 1 23	62 7 06	98 0 22	03 1 28	22 6 02	...	73 6 05	8 / / / /	00 2 24	...	30 2 01	23 5 23
Dwarka	99 2 37	10 6 73	04 1 83	02 7 09	98 0 10	05 4 27	00 9 00	...	73 2 11	83 9 95	00 0 23	...	30 2 01	24 5 03
Gwarka	99 2 18	10 6 92	04 0 63	42 9 08	97 0 11	06 4 29	33 5 48	...	73 3 02		00 6 25	...	30 2 01	27 7 04
Jalunga	99 2 48	10 6 35	04 0 63	62 2 09	98 0 31	10 5 28	66 5 //	24 2 12	...		00 7 77	...	30 2 01	20 2 09

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
		PoPoPo ToToTo DoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	959 258 16	...	405 190 34	093 110 14	584 025 34	758 127 57	972 275 59	250 473 //	...	...	...	...	...
Dacca ...	00 00	001 288 08	...	400 214 46	095 110 10	584 029 40	759 117 57	974 261 61	256 465 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	010 990 10	...	400 200 57	084 094 59	977 (75 //	747 21/ //	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	960 254 56	...	440 160 56	020 064 50	56/ 109 //	736 221 //	942 367 //	212 551 //	...	...	...	...	...
Quetta ...	00 00	818 174 85	...	...	111 142 87	589 032 56	767 050 //	989 141 //	...	...	...	...	...	...
Sargodha ...														

STATION	Time of ascent in G.M.T.	At Significant Levels.									Max. Wind Speed	TROPOPAUSE	
		PPP TT T_a DD									PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 220 25	800 164 32	600 052 47	350 183 60	...	..	...	...	...	...	...	...
Dacca ...	00 00	900 226 26	800 170 40	600 048 15	350 175 59	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	..	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...													

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date (dd fff)						At 0600 hrs. G.M.T. † of date (dd fff)										
	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	3.4	4.5	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	..	..	...	..			...	...		...	...
Chakla'a ...		350 05	285 04	255 07	295 06	320 10	310 16	010 10	...	No	Ascent	..	...	...		...	105 04	115 03	105 03	240 06	265 10	315 14	335 11	335 11	...	...
Chhor ...	230 14	224 11	190 12	165 19	165 08	120 12	110 07	005 07	035 04	240 19	240 26	210 24	190 23	180 25	150 08	100 17	325 18	220 19	220 28	200 19	190 14	120 08	100 07	180 08	...	...
Chittagong ...	No	Ascent	...	...	...	...	...	...	...	...		...	...	...	...	135 08	135 09	130 12	125 27	120 26	..	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				...		...	...	...	...	...	...
Dacca ...	335 10	025 07	040 09	130 08	130 09	110 10	085 11	070 10	070 10	...	...	...	...	...		140 31	140 35	135 31		145 25	...		...	.	...	...
Dalbandin ...	...	...	250 08	220 02	295 01	350 03	315 08	220 06	305 10	...	...	085 07	040 11	030 14	335 03	...		355 01	335 01	360 06	200 04	280 07	275 09	290 12	...	...
D. I. Khan ...	190 06	185 06	180 09	145 11	119 07	009 04	310 04	270 00	235 13	120 06	160 07	125 06	100 2/	190 2/	240 0/	065 08	080 09	115 08	130 06	075 0/	350 07	270 09	285 07	275 03	...	...
Drosh ...	..	---	...	080 01	225 13	030 0/	070 04	210 13	320 //		...	---	205 01	285 01	010 53		---	---		..					...	...
Fort Sandeman ...	...	---	..	255 02	/20 02	115 06	...	...	...	...	...	...	205 05	/80 07	270 01		...	...	285 06	320 05	315 12	245 08	210 10	190 10	...	...
Jacobabad ...	155 07	155 05	140 05	...	865 07	...	275 08	...	260 07	165 14	175 18	160 13	145 05	125 03	030 04	010 05	015 05	042 06	040 06	080 06	035 07	360 22	020 13	060 12	...	...
Jessore ...	...	...	...			..	...		..	No	Ascent	...	...		...	251 3	125 17	125 16		...	...		...	...	...	...
Jhelum ...	250 04	240 08	225 07	225 06	295 12	315 11	325 26	335 26	330 41	105 09	090 07	280 04	290 07	310 06	325 12	115 05	120 06	115 04	310 06	255 09	320 08	310 10	330 11	321 3/	...	...
Jiwani ...	220 04	050 05	050 08	055 12	040 17	050 09	035 07	050 08	025 06	165 11	290 01	335 09	345 03	010 13	040 13	225 03	360 07	035 11	045 11	025 12	015 18	255 06	030 03	040 03	...	...
Karachi ...	245 07	300 03	040 04	045 04	845 01			.	...	...		...	..	..		270 07	300 08		...	...			...	...	...	...
Khanpur ...	230 10	240 12	235 13	220 19	295 12	135 06	095 07	245 04	235 10	230 13	235 10	225 12	/15 13	200 12	180 11	230 25	225 23	230 23	225 30	220 26	239 11	245 08	110 11	090 13	...	...
Lahore ...	295 04	280 07	280 05	245 07	270 06	295 07	320 13	335 13	310 10	250 08	260 06	270 05	265 05	315 10	330 10	260 01	270 03	270 07	273 08	285 04	245 09	345 17	340 15	285 13	...	...
Multan ...	235 05	198 08	185 09	155 06	105 04	075 08	300 15	275 19	295 19		...	...	...	...	...	215 25	215 25	210 23	210 17	190 08	350 08	285 06	070 08	025 08	...	...
Nawab Shah ...	160 03	200 03	225 03	230 01	198 03	200 03	...	...	...	215 12	225 07	250 03	150 02	120 01	...	140 03	190 02	020 03	305 04	085 04	055 03	235 06	350 05	060 06	...	...
Panjgur ...	...	..		015 08	005 06	135 08	345 04	350 07	350 11	...		...	335 15	325 20	345 25	...	...		340 06	345 13	340 01	080 04	295 11	310 08	...	...
Peshawar ...	...	020 03	135 05	185 08	230 10	230 10	295 12	310 27	305 22	.	200 03	160 03	160 04	235 08	295 21	...	015 11	350 11	355 07	285 06	320 08	260 12	265 13	265 17	...	...
Quetta ...	.				120 05	165 04	305 10	2 0 16	270 14	..	..	...	...	220 14	/// //		...		...	250 09	260 11	270 15	285 19	285 26	...	...
Sargodha ...	130 04	170 04	180 03	230 03	315 06	315 08	330 10	295 23	295 22	260 09	240 09	225 07	195 04	220 04	265 07	205 02	190 05	185 05	145 07	240 06	285 10	335 09	290 17	280 35	...	...
Sylhet ...	085 09	080 10	095 18	100 13	...	...	...	...	...	210 06	200 07	135 04	...	..	...	1/0 02	180 01	.	...	---	...	--	---	---	...	...
Veraval ...	...	...	..	..	---	---	---	---	...	...	...	...	---	..	.	---	.	...	..	...		...	..	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	4B.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	130 35	130 37	130 37	...	095 31	...	055 17	...	120 19	...	...	...	...	...	...	...	...	...
Karachi ...	255 16	255 17	270 19	285 11	005 12	050 12	045 19	/// //	0.5 10	...	.	...	...	...	..	...	...	...
Peshawar ...																		
Quetta ...																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

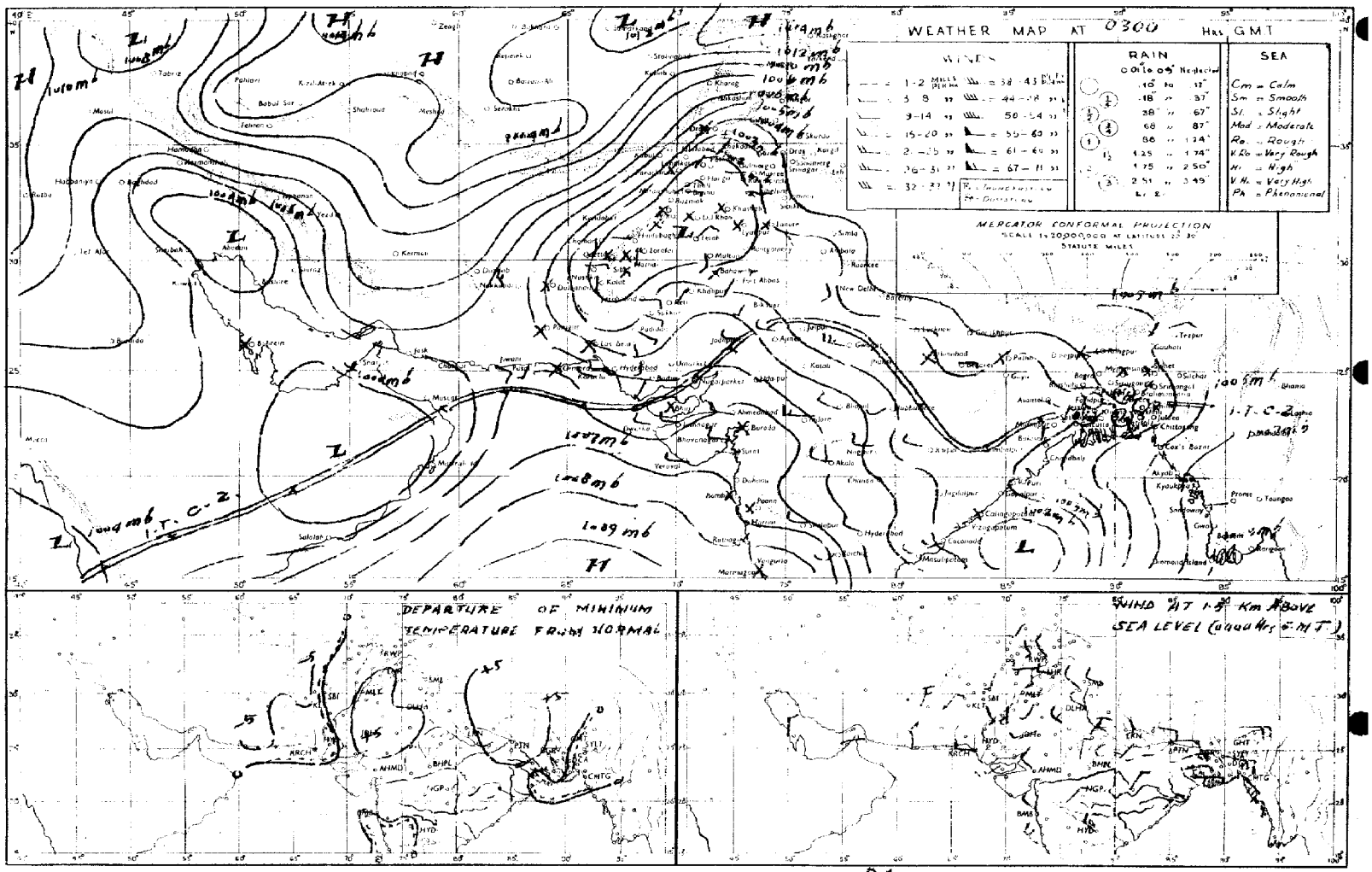
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be gurenteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

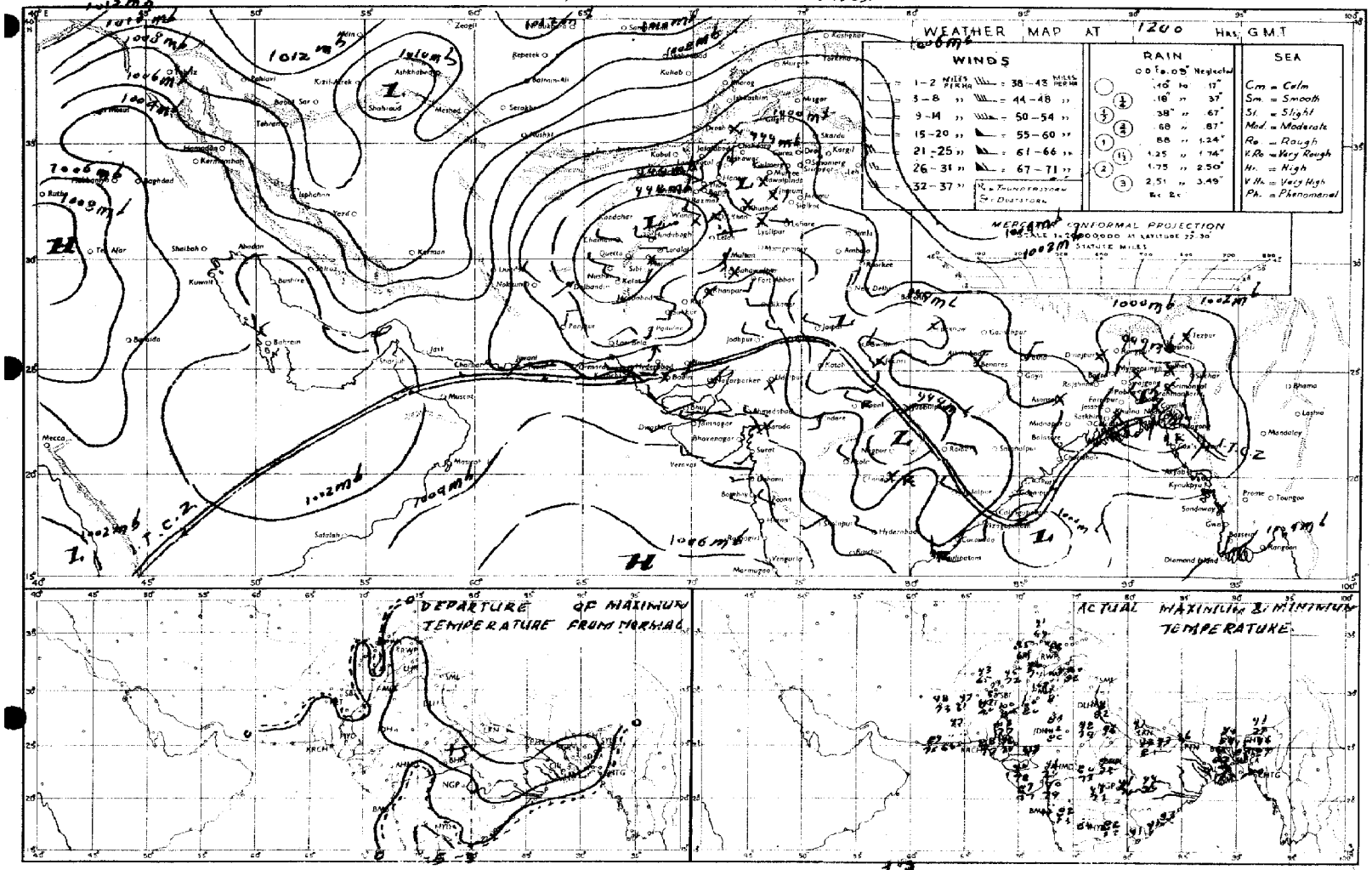
FRIDAY 5th SEPTEMBER, 1969



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 4th SEPTEMBER, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SATURDAY THE 6th SEPTEMBER 1969.

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

Ship observations are absent but believe last evening well marked low pressure area over the north west Bay and adjoining areas has concentrated into a depression and is centred at 06,0300 G.M.T. with in one degree latitude 17½° north and longitude 86½° east. It is likely to move in a north westerly direction. Rain/thundershowers have been fairly widespread in Rajshahi and Khulna divisions, local in Dacca and scattered in Chittagong division. Westerly low pressure wave is moving across Kashmir. The seasonal trough of low pressure extends from Kalat division to D. I. Khan division. Rain/thundershowers have been local in Rawalpindi division and scattered in Peshawar division.

Chief amounts of rainfall are:- Comilla 2", Rajshahi Dinajpur (0300) 1" Rangpur (0300) 1" each, Pabna 1", Khulna 3/4", Jessore and Jhelum ½" each, Maijdee Court, Dacca, Faridpur, Sirajgang and Murree ¼" each.

Day temperatures were 3--5 °F (2—3 °C) above normal in Rawalpindi, Sargodha and Multan divisions.

Forecast valid until the evening of 7th September 1969 :— Fairly widespread rain/thundershower is likely to occur over East Pakistan and scattered in Lahore, Rawalpindi divisions and Kashmir.

Karachi-11
The 6th September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISION	STATIONS	As 12 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)	Dry Bulb temperature °	Amount of Lowest Cloud †	Low Cloud from †	Height of Lowest Cloud †	Medium Cloud from †	High Cloud from †	Dewpoint temperature °F	Maximum temperature °F	As 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths)	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	h	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	000	0	6	18	//	96	02	9	023	86	4	8	6	7	/	79	91	000	0	4	05	02	58	01	1	062	87	1	4	7	4	1	76	80	—	—	82.3	—	88.8	—
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	13	12	97	02	1	051	85	2	4	4	9	1	75	80	+ 4	—	65.1	— 33.6	72.8	140
	Chittagong	002	9	6	18	10	96	02	6	015	85	4	8	6	7	/	79	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4	—	...	...	...	120
	Maijdee Court	020	0	4	13	05	96	02	1	065	86	4	2	5	0	0	77	87	018	9	/	//	//	97	01	2	033	82	2	6	5	2	1	73	73	+ 1	— 5	102.3	+29.8	114.5	115
	Comilla	200	0	3	13	05	94	02	1	012	74	3	4	7	0	0	80	91	140	9	3	18	05	96	02	6	059	85	3	4	7	0	0	77	70	+ 5	— 7	75.2	+20.5	94.4	94
	Brahmanbaria	000	0	6	18	02	97	03	1	810	87	6	1	5	0	0	80	91	020	0	6	09	03	98	03	1	051	85	6	5	5	0	0	77	77	— 5	—	34.0	— 7.0	43.7	78
	Sylhet	000	0	6	00	00	96	02	2	013	86	5	4	3	/	/	80	/	000	0	7	31	05	57	21	6	056	82	4	4	4	4	0	77	79	/	/	110.3	—	138.2	—
	Srimangal	000	0	7	00	03	96	50	0	025	82	4	9	4	3	/	80	94	000	9	/	/	/	86	02	9	071	85	3	8	0	7	2	77	77	+ 4	+ 2	53.6	+ 3.6	74.1	98
Dacca	Mymensingh	000	0	7	00	00	96	02	2	022	86	7	4	5	0	0	79	90	410	6	8	00	00	97	03	2	055	80	8	6	4	/	/	77	73	+ 2	— 5	58.1	— 6.7	73.3	91
	Narayanganj	000	0	8	13	05	96	03	2	014	84	8	6	5	/	/	77	85	000	0	8	13	05	57	02	2	058	85	8	6	4	/	/	83	79	— 3	0	39.7	— 1.3	63.1	74
	Dacca (Tejgaon)	000	1	7	13	09	97	50	5	012	85	5	9	4	1	0	77	90	023	2	7	13	02	98	02	9	051	82	2	8	4	7	0	75	78	—	—	42.0	—	53.0	—
	Faridpur	000	0	8	16	05	97	02	2	005	82	7	5	5	/	0	80	86	022	0	8	16	09	57	02	2	041	85	6	4	5	1	0	77	80	— 2	+ 1	34.6	— 5.4	48.2	71
Khulna	Barisal	150	9	4	00	00	57	03	0	020	92	2	2	4	0	0	/ /	85	014	9	8	13	05	97	07	9	042	83	6	7	4	2	/	85	//	+ 3	/	47.7	— 1.1	57.4	81
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	035	9	4	00	00	97	03	0	052	80	0	4	4	0	0	//	78	/	0	39.8	— 2.7	46.0	68
	Satkhira	000	0	6	23	05	97	01	0	999	82	3	3	6	/	/	80	90	030	0	6	13	06	97	61	0	034	85	2	3	4	/	0	77	82	+ 1	+ 4	36.7	— 2.7	42.0	65
	Jessore	006	3	7	13	09	97	02	6	001	82	6	6	3	0	0	78	85	044	0	7	12	10	97	02	2	034	85	7	4	5	0	0	79	77	—	—	34.0	— 3.4	42.4	66
Rajshahi	Pabna	000	0	8	09	06	97	03	2	004	85	4	6	6	7	/	79	87	110	9	8	00	05	97	01	9	038	80	8	7	6	6	0	79	79	—	—	—	—	—	59
	Sirajgan	080	0	6	18	02	97	02	2	012	85	6	0	7	6	0	79	87	030	7	6	00	02	98	03	2	054	80	6	0	7	6	0	79	79	—	+ 1	34.1	— 3.5	41.7	64
	Rajshahi	080	3	8	09	03	94	03	6	009	82	8	7	4	/	/	79	87	137	4	5	13	03	95	03	6	038	80	5	4	5	0	0	79	75	—	— 3	35.2	—	60.4	—
	Bogra	064	7	6	23	02	96	03	6	072	82	4	4	6	2	/	79	90	030	9	7	09	05	96	02	6	055	80	6	7	4	7	0	78	//	—	0	33.7	— 7.6	44.7	69
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1	/				72
	Rangpur	080	6	7	00	00	96	03	6	043	85	7	5	6	0	0	79	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				—
Lahore	Lahore (Intl Rd.)	000	0	0	00	00	96	05	0	973	60	0	0	9	0	0	70	03	000	0	0	13	02	96	03	0	016	67	0	0	9	0	0	75	80	+ 6	+ 5	12.4	— 0.7	17.0	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	8	00	00	97	00	0	008	85	0	0	9	0	0	//	60	—	— 16	7.0	—14.0	11.5	32
Rawalpindi	Jhelum	047	0	6	09	02	97	95	0	988	75	4	4	6	7	0	69	00	047	9	1	00	00	97	03	9	023	81	1	2	7	0	0	72	74	—	—	19.7	—	28.1	—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				—
	Rawalpindi	000	0	1	00	00	99	00	0	970	95	0	0	9	6	0	70	98	080	0	3	05	03	98	02	1	010	82	3	2	7	0	0	68	77	+ 5	+ 6	17.1	— 3.0	27.2	36
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				—
Sargodha	Khushab	000	0	0	36	//	98	00	0	982	00	0	0	9	0	0	82	04	000	0	0	09	//	98	00	0	014	85	0	0	9	0	0	77	79	+ 5	—	3.8	— 5.4	7.2	15
	Sargodha	000	0	0	18	05	97	02	0	974	00	0	0	9	0	0	67	//	000	0	1	09	03	97	02	0	013	82	1	0	9	3	0	73	75	/	— 0	15.4	—	19.0	—
	Lyallpur	000	0	0	29	00	96	00	0	983	98	0	0	9	0	0	75	03	000	0	0	09	00	96	00	0	010	85	0	0	9	0	0	77	77	+ 6	— 0	4.6	— 3.6	7.6	12
Multan	Sahiwal	000	0	1	20	09	97	03	0	977	98	0	0	9	0	1	69	03	000	0	0	23	05	97	02	0	003	85	0	0	9	0	0	72	80	+ 5	— 0	6.0	+ 4.8	11.0	10
	Multan	000	0	0	18	01	94	00	0	032	85	0	0	9	0	0	64	00	000	0	0	31	00	92	00	0	032	85	0	0	9	0	0	79	80	—	—	1.0	—	2.7	8
	Laiah	000	0	0	18	01	94	00	0	032	85	0	0	9	0	0	64	00	000	0	0	31	00	92	00	0	032	85	0	0	9	0	0	79	80	—	—	1.0	—	2.7	8
Bahawalpur	Khanpur	000	0	0	23	03	97	02	0	969	03	0	0	9	0	0	62	04	000	0	0	23	03	97	02	0	067	85	0	0	9	0	0	72	78	— 1	0	0.2	— 4.5	1.1	6
	Bahawalpur	000	0	0	00	00	98	00	0	988	03	0	0	9	0	0	68	04	000	0	0	00	00	96	00	0	050	86	0	0	9	0	0	72	85	+ 3	+ 8	0.7	— 3.4	2.0	6
	Fort Abbas	000	0	0	23	04	98	00	0	959	//	0	0	9	0	0	99	//	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	/				8
Peshawar	Chakdra	000	0	1	27	03	97	03	0	942	95	1	2	7	0	8	70	96	000	0	0	15	01	97	02	0	010	//	1	0	9	4	0	66	71	—	—	3.2	—	12.6	—
	Peshawar	000	0	1	05	02	97	01	0	962	96	1	1	6	3	0	72	98	000	0	0	31	02	97	02	0	019	80	2	1	9	0	0	70	77	— 1	— 3	4.6	+ 0.8	13.5	11
	Hariplur	000	0	0	18	03	97	00	2	005	00	5	9	2	3	5	63	00	000	0	0	36	02	98	00	0	030	85	0	0	9	0	0	64	77	—	—	6.6	—	16.7	—
D. I. Khan	Bannu	000	0	9	13	02	91	30	2	962	98	0	0	9	4	0	66	03	000	0	0	00	00	99	00	0	002	80	0	0	9	0	0	69	78	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	029	03	0	0	9	0	0	75	04	000	0	0	00	00	98	00	0	008	82	0	0	9	0	0	73	78	+ 3	0	1.6	— 3.4	4.1	9
Quetta	Sibi	000	0	0	18	03	97	02	0	974	06	0	0	9	0	0	61	07	000	0	0	18	03	97	02	0	017	84	0	0	9	0	0	62	82	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	31	09	97	02	0	996	97	0	0	9	0	0	36	99	000	0	0	31	17	97	02	0	050	74	0	0	9	0	0	30	68	—	—	0.0	—	0.9	2
Kalat	Turbat	000	0	0	23	02	96	00	0	818	08	0	0	9	0	0	79	08	000	0	0	23	02	96	00	0	985	81	0	0	9	0	0	72	22	—	—	0.2	—	0.2	5
	Jiwani	000	0	1	23	09	96	02	0	020	85	1	0	9	3	0	75	88	000	0	4	18	03	96	02	0	041	79	4	6	5	9	0	74	75	—	—	0.0	—	2.0	6
	pasni	000	0	0	25	24	97	02	0	024	86	0	0	9	0	0	74	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0				6
Karachi division	Ormara	000	0	1	27	14	96	02	2	037	82	1	6	6	0	0	78	85	000	0	5	27	02	96	04	4	043	79	5	6	6	0	0	74	18	—	—	0.0	— 0.8	0.6	6
	Lasbela	///	0	2	18	02	98	00	0	991	98	0	0	8	0	0	75	//	///	0	0	00	00	98	00	0	018	75	0	0	8	0	0	79	66	/	—	0.7	—	0.7	8
	Karachi (Manora)	000	0	4	27	09	97	03	0	018	83	2	6	4	2	0	73	85	000	0	6	27	09	96	03	2	032	79	6	6	5	0	0	72	78	— 1	— 0	1.0	— 4.6	1.1	8
	Karachi (Ariport)	000	9	3	27	12	96	02	0	022	84	3	6	5	0	0	71	88	000	0	7	31	10	96	03	2	031	80	7	6	5	0	0	69	78	—	—	1.5	—	1.5	8
Hyderabad	Nagarparkar	000	0	6	05	02	97	02	0	059	85	0	6	6	0	0	72	95	000	0	6	05	02	97	02	0	081	81	0	6	6	0	0	74	77	—	—	0.1	—	0.1	7
	Chhor	000	0	1	23	04	96	01	0	016	92	0	0	9	0	1	71	96	000	0	2	23	09	96	05	0	025	79	0	0	9	0	1	76	76	—	—	0.2	—	0.3	9
	Hyderabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	080	0	1	23	05	97	03	0	020	81	0	0	9	0	1	71	77	—	0	0.2	— 5.3	0.3	9
	Badin	000	0	0	23	07	96	02	0	023	93	0	0	9	0	0	76	94	080	0	4	23	04	96	03	0	037	78	0	0	9	0	1	74	77	+ 1	— 1	0.3	— 6.4	0.3	—
Khairpur	Padidan	000	0	2	23	05	97	20	/	985	00	0	0	9	0	1	68	03	000	0	0	13	05	97	02	0	014	80	0	0	9	0	0	71	76	—	—	0.8	—	0.8	4
	Nawabshah	000	0	2	13	05	96	01	0	990	01	0	0	9	9	2	82	02	000	0	0	18	12	96	02	0	005	81	0	0	9	0	0	72	75	—	—	1.0	—	1.1	5
	Sukkur	000	0	0	03	03	96	02	0	985	00	0	0	9	0	0	96	05	000	0	0	13	05	96	02	0	011	82	0	0	9	0	0	72	78	—	—	0.1	—	0.1	4
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				10
	Jacobabad	080	0	0	18	//	97	02	0	984	98	0	0	9	0	0	75	00	000	0	0	09	02	96	02	0	004	81	0	0	9	0	0	71	79	— 3	0	0.5	— 1.6	0.8	—
unagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				26
Kashmir	HILL STATIONS																																								
	Srinagar *	...																																						71
	Gulmarg *	...																																						26
	Sonamarg *	...																																						—
	Dras *	...																																						3
	Leh *	...																																						6
	Skardu *	...																																						—
	Mirgar *	...																																						—
	Aliabad *	...																																						5
	Gilgit *	...																																						39
Rawalpindi	Murree **	008	4	6	00	00	58	02	0	443	72	6	5	4	0	0	60	73	020	2	8	09	03	97	61	9	474	60	9	8	2	/	/	40	58	+ 3	+ 3	15.0	—16.8	32.6	18
Peshawar	Drosh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				29
	Chitral	000	0	3	08	01	98	01	0	435	87	3	2	7	0	0	59	90	000	0	0	36	03	98	00	0	460	73	0	0	9	0	0	62	//	+ 5	/	3.1	— 7.7	13.4	—
	Kakul	000	0	8	20	05	95	05	1	435	82	0	0	9	0	0	79	86	017	7	7	31	05	//	01	1	472	76	7	3	9	3	0	73	71	—	—	2.2	—	12.6	29
	Landikotal	000	0	0	05	05	98	02	0	388	84	0	0	9	0	0	67	96	002	0	6	31	05	98	01	1	430	77	6	3	9	3	0	73	71	—	—	2.1	+ 2.0	4.7	—
	Parachinar	000	3	6	16	05	98	17	9	433	85	4	9	6	3	0	46	85	000	0	0	00	00	94	02	0	457	74	0	0	9	0	0	49	64	+ 1	—	5.8	—	16.5	13
D.I. Khan	Miranshah	000	0	0	05	05	//	//	/	433	96	0	0	9	0	0	58	96	000	0	0	05	05	99	00	0	491	81	0	0	9	0	0	58	75	—	—	0.5	— 2.3	2.0	11
	Wana	000	0	0	00	00	99	00	0	476	90	0	0	9	0	0	39	94	000	0	0	00	00	99	00	0	442	77	0	0	9	0	0	43	63	—	—	1.1	—	4.1	11
Quetta	Fort Sandeman	000	0	1	23	02	98	02	0	437	89	1	1	7	0	0	26	96	000	0	0	18	02	98	02	0	449	78	0	0	9	0	0	52	71	— 0	+ 3	2.0	— 3.0	6.3	—
	Hindubagh	000	0	0	23	03	97	02	0	410	87	0	0	9	0	0	54	90	000	0	0	00	00	97	02	0	464	69	0	0	9	0	0	52	56	—	—	2.2	—	6.0	9
	Loralai	000	0	0	27	02	98	00	0	398	95	0	0	9	0	0	55	92	000	0	0	18	02	98	00	0	390	05	0	0	9	0	0	55	49	—	—	0.6	—	8.6	—
	Barkhan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				14
	Harnai	000	0	0	00	00	96	02	0	479	96	0	0	9	0	0	54	99	000	0	0	00	00	96	02	0	422	82	0	0	9	0	0	56	//	—	/	3.2	— 3.6	5.0	9
	Samungli (Quetta)	000	0	0	29	05	97	02	0	442	88	0	0	9	0	0	43	90	000	0	0	00	00	96	05	0	469	58	0	0	9	0	0	38	44	—	— 13	0.5	— 0.5	3.1	8
	Chaman	000	0	0	18	03	97	00	0	464	93	0	0	9	0	0	43	92	000	0	0	13	03	97	00	0	465	72	0	0	9	0	0	41	65	— 2	— 1	2.1	+ 2.0	4.7	—
	Nushki	000	0	0	00	00	97	02	0	523	95	0	0	9	0	0	61	96	000	0	0	07	05	97	02	0	509	78	0	0	9	0	0	37	75	—	—	0.5	—	2.6	4
	Dalbandin	000	0	0	23	02	96	02	0	455	97	0	0	9	0	0	19	99	000	0	0	18	02	96	02	0	444	67	0	0	9	0	0	18	62	— 4	— 1	0.6	— 0.2	8.5	7
Kalat	Kalat	000	0	0	34	02	97	02	0	420	79	0	0	9	0	0	61	97	000	0	0	18	02	97	02	0	458	62	0	0	9	0	0	33	50	— 2	— 1	0.8	— 0.3	2.2	—
	Khuzdar	000	0	0	18	03	97	02	0	411	98	0	0	9	0	0	41	97	000	0	0	23	02	96	02	0	440	78	0	0	9	0	0	38	68	—	—	1.8	—	3.1	5
	Panjgur	000	0	0	00	00	96	02	0	454	95	0	0	9	0	0	25	97	000	0	0	00	00	96	02	0	455	73	0	0	9	0	0	26	68	— 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

SATURDAY THE 6th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_s h_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Btsigks	99 2 33	10 6 77	05 1 23	32 0 /6	98 0 11	03 8 27	34 4 01	33 7 12	...	...	0 / / 23	12 7 24	30 1 02	20 8 03
Chevoroneind	99 1 86	10 6 54	05 1 23	72 6 09	98 0 31	05 0 27	85 4 5/	...	74 8 10	..	0 / / 23	12 7 41	30 3 02	25 7 05
Werdenfels	99 2 19	10 5 97	05 1 23	09 1 3/	C8 0 00	03 7 27	00 9 C0	14 7 23	...		00 2 23	...	30 3 02	18 6 03
Werdenfels	99 2 02	01 5 90	05 0 63	02 0 13	98 0 11	08 8 26	00 9 00	...	...	84 2 08	03 6 22		30 2 02	18 6 02
Lerdenfels	99 1 73	10 5 74	04 1 84	12 2 15	98 0 11	07 3 25	90 9 00	14 2 10	...	...	05 1 23	17 / 03	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface $PoPoPo_iToToTo DoDo$	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 (at surface and Standard Isobaric Levels)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	001 255 08	...	440 168 17	078 070 00	579 049 41	751 155 56	...	238 527 //	...	...	...	...	...
Dacca ...	00 00	003 280 12	...	400 194 37	110 100 10	585 C49 31	758 151 16	973 271 45	253 495 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	595 280 55	...	500 174 56	...	971 055 //	743 155 //	955 265 //	237 421 //	...	...	...	...	—
Multan ...														
Peshawar ...	00 00	900 260 58	...	420 240 58	097 175 18	586 013 //	761 081 //	...	...	...	...	...	...	...
Quetta ...	00 00	817 172 67	...	...	087 070 //	572 5/: //	..	...	...	...	...	...	...	...
Sargodha ...		MISDA	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 196 05	800 132 17	600 016 47	305 223 59	...	..	...	...	...	...	...	...
Dacca ...	00 00	900 213 45	800 150 30	600 042 28	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	..	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...													

PPP—Pressure in hunderds 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.

UPPER WIND DATA

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

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
Bogra ...	...	...	..	...	...	...	..	..	...
Chaklala ...		055 02	245 02	245 08	270 11	330 12	290 12	310 12	315 13
Chhor ...	220 12	214 11	210 11	210 13	215 11	200 07	280 33	300 09	335 18
Chittagong ...	140 11	130 15	125 19	115 29	130 29	102 3/	...	...	...
Cox's Bazar ...	...	...	...	...	...		...	...	—
Dacca ...	140 15	140 23	140 25	150 28	135 28	145 21			
Dalbandin ...	...	...	270 00	350 06	300 04	310 07	270 9/	295 17	310 17
D. I. Khan ...	031 03	115 03	125 06	125 08	120 04	320 02	275 10	255 13	250 09
Drosh ...	...	—	...	...	...	...	...		
Fort Sandeman ...	...	—	-	255 06	225 06	/40 06	185 07	215 10	270 25
Jacobabad ...	165 06	177 05	1/9 50	020 02	010 09	040 07	250 02	235 03	...
Jessore ...	140 12	158 22	125 22	140 27	135 27	120 20		—	...
Jhelum ...	135 01	005 06	005 07	030 02	315 07	320 16	305 25	...	...
Jiwani ...	205 07	030 02	350 03	325 06	360 14	350 12	345 06	015 05	085 06
Karachi ...	245 10	255 07	270 05			...			...
Khanpur ...	235 10	251 2/	225 14	240 16	235 07	205 04	080 02	300 08	270 15
Lahore ...	295 03	265 06	260 06	230 12	225 15	245 09	305 15	315 14	325 13
Multan ...	205 10	210 12	210 17	195 14	190 05	335 06	285 07	280 06	300 10
Nawab Shah ...	210 02	190 03	290 02	325 05	270 06	280 05	320 08	340 10	010 08
Panjgar ...	—	...	...	//0 06	350 04	295 09	355 07	335 04	40/ 6/
Peshawar ...	...	085 02	205 05	215 13	185 78	//0 12	290 12	305 20	252 8/
Quetta ...	...	-	...		310 12	240 10	115 03	265 15	280 27
Sargodha ...	205 07	200 07	185 05	270 04	/50 7/	330 01	320 10	285 29	290 33
Sylhet ...	180 05	275 06	290 12	...	300 17	...	...	...	...
Veraval ...	...	...	...	...	...	...	—	...	...

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

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
Bogra ...	...	..	...	..	..	...
Chaklala ...	...	105 05	140 04	295 06	305 08	325 07
Chhor ...	235 15	240 25	230 19	215 15	200 13	210 09
Chittagong ...	...	...	...		...	
Cox's Bazar ...	/34 19	145 33	160 37	212 12	250 11	190 35
Dacca ...	...	...	...	...	...	
Dalbandin ...	...	...	055 03	070 07	010 15	005 18
D. I. Khan ...	285 07	300 03	315 12	345 15	340 08	215 05
Drosh ...	-	...	—			
Fort Sandeman ...	...	...	...	215 05	245 05	360 04
Jacobabad ...	215 02	220 09	190 11	160 07	125 36	060 08
Jessore ...	012 3/	120 19	125 25	130 27	130 28	...
Jhelum ...	080 04	135 12	140 10	200 07	305 13	330 18
Jiwani ...	205 04	295 13	151 4/	...	...	—
Karachi ...	...			...	...	
Khanpur ...	215 09	235 09	245 10	255 12	245 09	180 07
Lahore ...	135 08	130 08	180 02	255 03	285 10	295 16
Multan ...	210 30	225 10	/// //	215 05	240 06	220 04
Nawab Shah ...	210 11	195 05	220 02	275 03	255 03	...
Panjgar ...	...		...	005 08	355 13	340 21
Peshawar ...	325 14	250 17	220 07	180 08	270 10	290 04
Quetta ...	...	...	...	...	...	
Sargodha ...	130 13	180 05	220 08	238 08	130 06	215 14
Sylhet ...	330 04	095 10	...	...	—	...
Veraval ...	—	...	...	...	...	-

At 0600 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	C80 17	085 19	095 21	...	—	—	...	...	...	...	...
Chaklala ...	...	No	Ascent	...	—	...	...	...	...	...	...
Chhor ...	225 12	2:0 06	240 06	...	...	...	...	...	...	...	...
Chittagong ...	..	..	-	...	...	...	...	—	...	...	—
Cox's Bazar ...					...	...	...	...	...	...	—
Dacca ...	115 22	125 22	155 10	145 20	...	...	...	...	...	...	—
Dalbandin ...	...	...	290 01	325 03	025 06	025 03	281 00	270 17	285 20	...	—
D. I. Khan ...	030 11	045 12	065 13	061 53	115 05	040 05	111 03	245 09	265 32	-	—
Drosh ...		...	—	...	...	...	...	...	...	...	...
Fort Sandeman ...		...	...	300 04	300 05	325 06	215 08	175 17	175 19	...	...
Jacobabad ...	145 04	070 04	015 03	015 06	010 12	.025 15	125 12	125 24	130 19	...	...
Jessore ...	115 20	125 27	125 33	...	...	...	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	270 02	060 11	060 17	C80 16	105 04	300 07	290 05	010 06	050 04	...	...
Karachi ...	265 08	...								...	...
Khanpur ...	225 19	210 19	215 19	215 19	210 15	225 17	159 19	155 31	145 37		—
Lahore ...	125 06	165 08	180 07	195 07	185 06	C80 04	220 06	265 18	285 19	...	...
Multan ...	215 15	220 21	205 29	205 33	195 20	185 68	210 13	// //	280 41	—	-
Nawab Shah ...	050 02	320 02	360 03	045 07	030 06	015 04	285 05	330 08	355 //	...	...
Panjgar ...	...	...	...	340 07	345 17	355 24	300 08	305 15	310 29	...	...
Peshawar ...	...	070 07	110 12	120 08	200 04	225 09	265 11	250 11	283 14	...	...
Quetta ...		...		...	251 0/	315 13	285 07	285 15	275 19	...	...
Sargodha ...	075 04	155 08	160 09	165 10	150 10	260 08	245 05	265 13	270 26	...	...
Sylhet ...	070 07	055 08	060 10	025 22	235 28	...	...	...	—	...	...
Veraval ...	...	...	...	...	...	..	...	...	—	—	...

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

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

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	100 19	130 19	135 22	...	125 29	...	125 19	...	..	...	...	...	...	...	...	—	...	...
Karachi ...	255 17	270 19	270 19	290 16	330 17	360 13	180 04	280 03	335 06	...	.	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

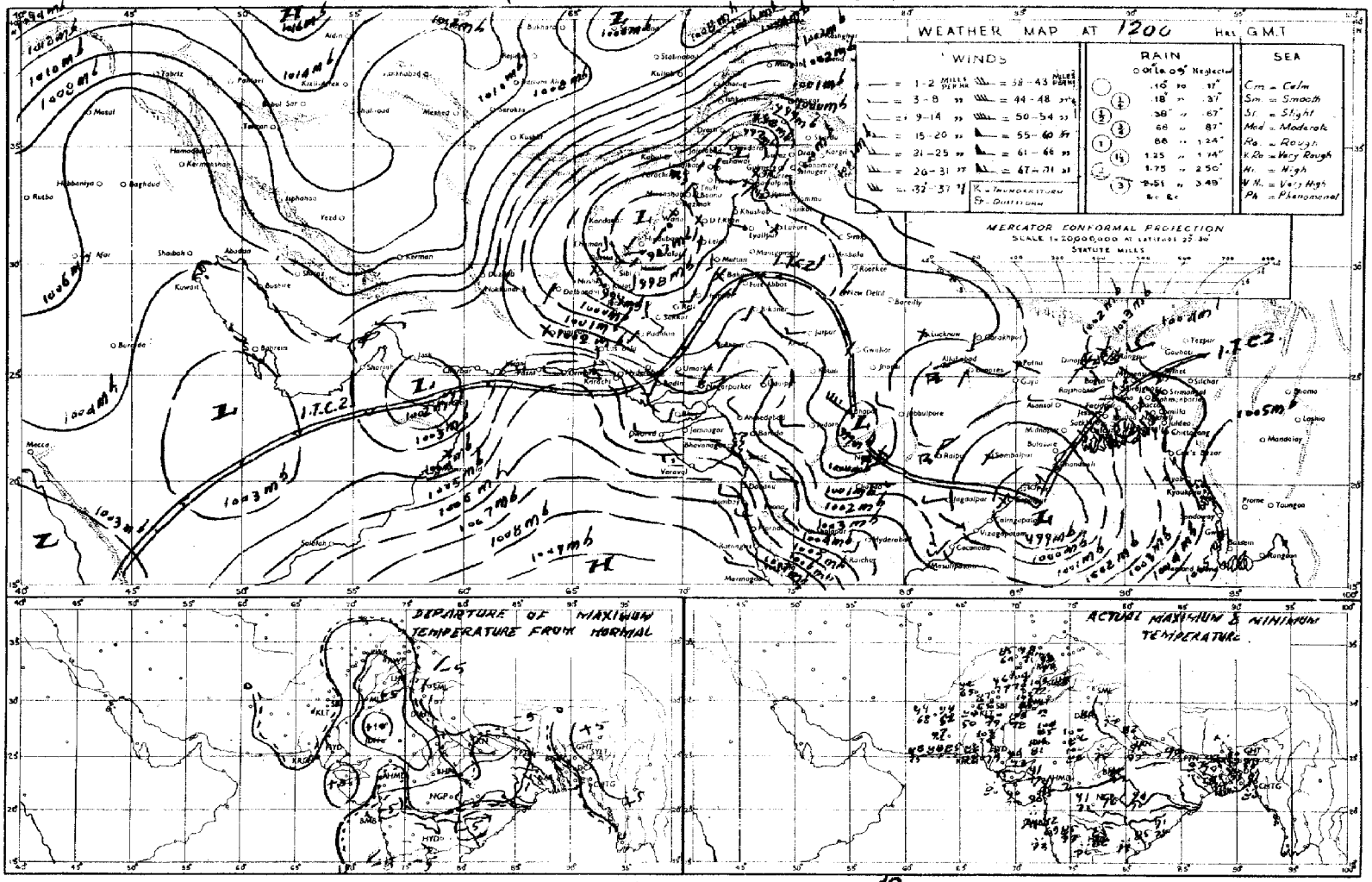
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

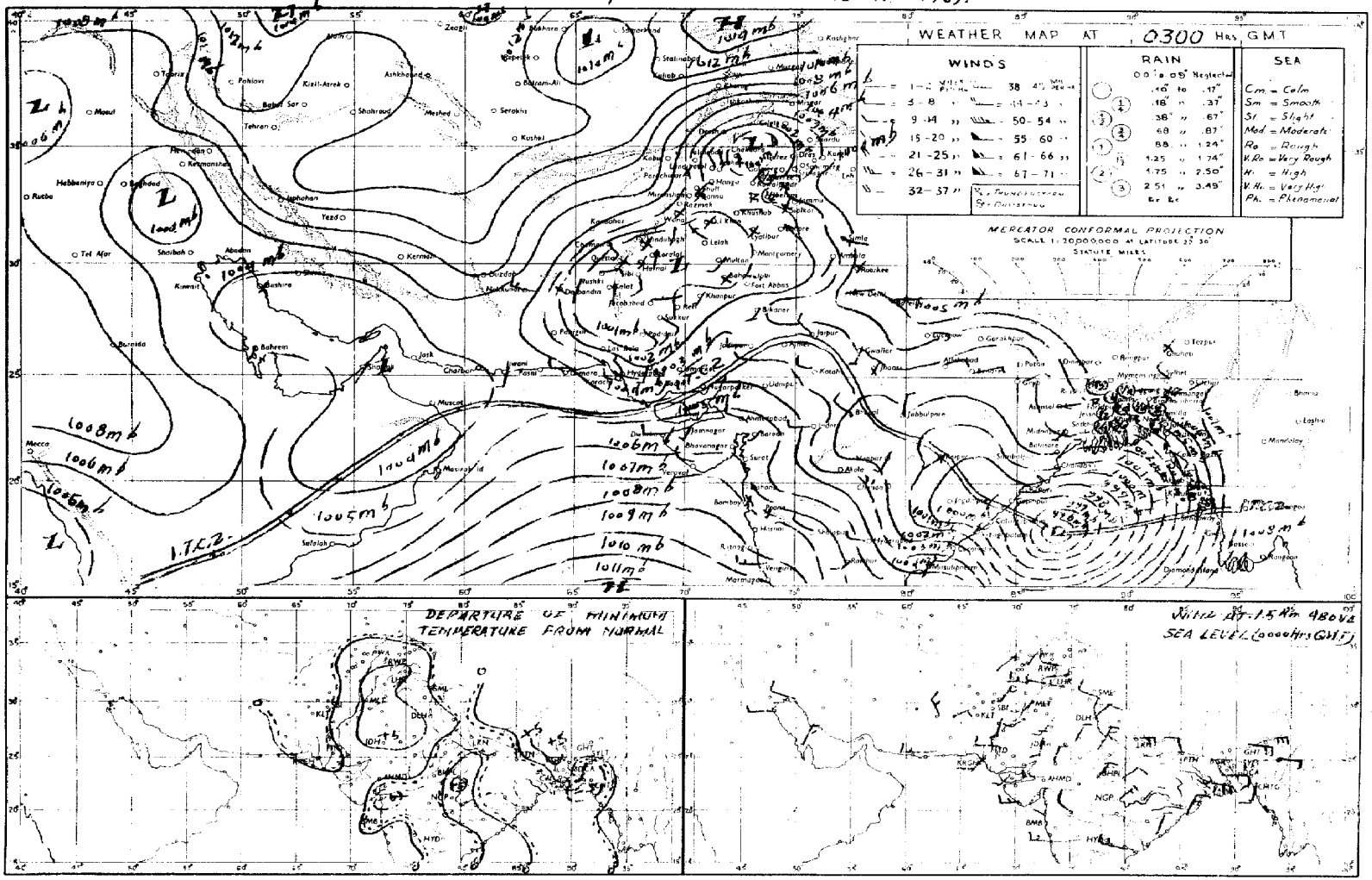
FRIDAY 5th SEPTEMBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 6th SEPTEMBER 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 7th SEPTEMBER 1969.

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

Yesterday morning's depression moved north-north west wards and was centred at 06,1200 G.M.T. with in a degree of latitude 19 °N longitude 86 °E. It moved west wards and is crossing south Orissa coast near latitude 19 °N at 07,0300 G.M.T. It is likely to move north west wards and weaken. Rain/thundershowers have been local in Rajshahi and Khulna divisions and scattered in Chittagong divisions. A few falls of light rain also occurred in Dacca division. The westerly low pressure wave over Kashmir moved away east wards. The seasonal trough of low extends from Kalat to Multan divisions. Rain/thundershowers have been local in Rawalpindi division and scattered in Peshawar and Quetta divisions.

Chief amounts of rainfall are:- Haripur (upto 1200 G.M.T.) and Murree 3/4" each, Khulna, Jhelum and Kakul (each upto 1200 G.M.T.), Brahmanbaria, Jessore and Sirajgang ½" each, Bogra (upto 1200 G.M.T.) Chittagong, Rangpur, Rawalpindi and Fort Sandeman ¼" each.

Day temperatures were 4—7 °F (2—4 °C) above normal in Chittagong, Khulna, Lahore, Sargodha and Bahawalpur divisions and were 3—5 °F (2—3 °C) below normal in Rajshahi, Rawalpindi and Peshawar divisions.

Forecast valid until the evening of 8th September 1969 :— Rain/thundershowers will be fairly widespread in East Pakistan and scattered in Lahore, Multan, Rawalpindi and Sargodha divisions and in Kashmir.

Karachi-11
The 7th September, 1969.

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

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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

DIVISION (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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	002	1	7	36	02	96	91	2	023	87	5	3	5	7	0	76	93
	Cox's Bazar ...	000	0	7	15	04	97	03	2	012	86	3	7	5	3	2	77	90
	Chittagong ...	000	1	7	23	03	96	12	9	014	86	5	9	4	2	0	78	92
	Maijdee Court ...	000	9	6	18	02	96	03	2	006	86	2	1	5	3	0	77	87
	Comilla ...	000	0	0	18	05	96	02	0	046	97	0	0	9	0	0	83	50
	Brahmanbaria ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...
	Sylhet ...	000	0	6	00	00	97	01	2	013	86	4	3	4	3	0	80	91
	Srimangal ...	000	0	8	00	00	96	17	0	011	86	7	9	3	7	2	80	91
Dacca	Mymensingh ...	000	0	1	00	00	96	01	1	019	86	1	5	6	0	0	78	87
	Narayanganj ...	000	0	6	13	02	96	02	2	014	90	5	6	6	3	1	77	90
	Dacca (Tezgaon) ...	000	0	7	00	00	97	03	2	015	87	3	3	5	2	1	73	90
	Faridpur ...	000	0	5	16	02	97	01	2	010	85	2	5	6	0	1	78	87
Khulna	Barisal ...	000	0	6	31	05	97	02	2	007	85	5	4	4	2	0	76	87
	Khulna ...	050	9	2	00	00	97	03	0	011	82	0	2	4	0	0	80	95
	Satkhira ...	000	0	6	23	01	97	01	0	001	82	2	3	9	0	1	80	90
	Jessore ...	039	6	5	08	05	97	01	9	004	80	2	8	5	3	8	77	87
Rajshahi	Pabna ...	000	0	4	05	02	98	01	2	005	86	2	3	6	0	3	78	80
	Sirajganj ...	057	2	8	00	00	97	02	2	024	80	8	0	7	8	0	78	87
	Rajshahi ...	006	9	5	05	02	95	03	6	011	82	5	7	5	0	0	78	87
	Bogra ...	000	2	3	05	02	96	01	6	015	85	1	4	5	7	1	78	86
	Dinajpur ...																	
	Rangpur ...	000	8	6	09	02	96	01	6	041	84	2	5	6	2	0	77	87
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	4	27	05	96	09	0	973	00	2	3	6	4	0	67	02
	Sialkot ...																	
Rawalpindi	Jhelum ...	060	4	2	31	02	98	01	9	992	82	2	0	9	3	0	68	96
	Islamabad ...																	
	Rawalpindi ...	000	0	5	09	02	98	02	9	002	85	3	2	7	6	0	67	90
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	0	09	//	98	00	0	002	98	0	0	9	0	0	82	00
	Sargodha ...	000	0	2	05	15	96	07	1	985	50	/	1	6	3	0	70	00
	Lyallpur ...	000	0	0	29	02	96	00	0	974	98	0	0	9	0	0	76	02
Multan	Sahiwal ...																	
	Multan ...	000	0	0	23	03	97	02	0	969	98	0	0	9	0	0	72	00
	Leiah ...	000	0	0	09	00	94	00	0	000	58	0	0	9	0	0	76	58
Bahawalpur	Khanpur ...	000	0	0	00	00	97	02	0	958	80	0	0	9	0	0	70	02
	Bahawalpur ...	000	0	0	00	00	96	00	0	972	04	0	0	9	0	0	70	05
	Fort Abbas ...	///	/	0	00	00	98	00	0	949	//	0	0	9	0	0	98	//
Peshawar	Chitral ...	000	7	4	27	07	97	01	6	965	50	4	0	9	3	0	67	91
	Peshawar ...	000	3	6	00	00	96	17	9	993	90	4	3	6	3	0	70	93
	Haripur ...	085	3	0	36	02	98	00	0	020	80	3	5	9	8	1	64	80
D. I. Khan	Bannu ...	000	0	6	13	02	98	03	1	962	93	3	2	7	0	7	63	00
	D. I. Khan ...	000	0	0	00	00	98	00	0	958	01	0	0	9	0	0	73	00
Quetta	Sibi ...	000	0	0	18	03	97	02	0	956	09	0	0	9	0	0	61	10
	Nokkundi ...	000	0	0	31	16	96	02	0	983	95	0	0	9	0	0	38	97
Kalat	Turbat ...	000	0	0	81	02	96	00	0	865	00	0	0	9	0	0	75	06
	Jiwani ...	000	0	0	19	09	96	02	0	998	85	0	0	9	0	0	75	87
	Pasni ...	000	0	0	25	26	95	06	0	989	85	0	0	0	0	0	76	89
Karachi division	Ormara ...	000	0	2	27	14	96	01	1	014	82	2	6	6	0	0	78	85
	Lasbela ...	///	0	3	13	03	98	00	0	569	99	0	0	8	0	0	78	02
	Karachi (Manora) ...	000	0	5	27	09	97	03	1	996	82	5	6	4	0	0	73	85
	Karachi (Ariport) ...	000	0	3	27	09	96	01	2	596	84	3	6	5	0	0	70	97
Hyderabad	Nagarparker ...	000	0	6	05	02	97	02	0	099	99	0	6	6	0	0	99	80
	Chhor ...	000	0	1	23	09	96	01	0	587	94	0	0	9	0	1	68	96
	Hyderabad ...	000	0	0	23	07	97	01	0	579	95	0	0	9	0	0	70	99
	Badin ...	000	0	2	23	07	96	03	0	014	93	0	0	9	0	2	71	95
Khairpur	Padidan ...	000	0	0	00	00	97	02	0	964	02	0	0	9	0	0	67	03
	Nawabshah ...	000	0	0	00	00	96	01	0	969	01	0	0	9	0	0	67	04
	Sukkur ...	000	0	0	05	03	96	02	0	974	00	0	0	9	0	0	76	03
	Kashmore ...	000	0	0	28	03	97	03	0	992	97	0	0	9	0	0	67	99
	Jacobabad ...	000	0	0	18	03	97	02	0	962	99	0	0	9	0	0	74	01
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	075	8	6	22	05	98	02	9	457	64	4	1	3	5	0	58	70
Peshawar	Drosh * ...	000	4	6	00	00	97	01	9	447	79	3	4	6	7	0	45	87
	Cherat * ...	000	0	3	18	03	97	03	9	453	78	3	0	7	2	0	58	80
	Kakul * ...	057	6	1	36	02	98	20	6	445	73	1	0	9	2	0	60	76
	Landikotal * ...	000	0	6	31	05	98	03	2	388	90	6	3	6	1	1	78	80
	Prachinar * ...	002	5	3	16	07	97	29	9	442	70	2	5	6	6	0	56	82
D.I. Khan	Miranshah * ...	000	0	4	05	05	97	02	0	431	91	4	0	9	0	0	50	95
	Wana * ...	000	0	0	13	06	99	00	0	346	90	0	0	9	0	0	34	98
Quetta	Fort Sandeman * ...	000	0	0	27	03	//	//	/	421	92	1	1	7	0	0	25	94
	Hindubagh * ...	000	0	0	23	05	97	02	0	410	87	0	0	9	0	0	54	89
	Loralai * ...	000	0	0	18	02	98	00	0	398	95	0	0	9	0	0	66	96
	Barkhan * ...																	
	Harnai * ...	000	0	0	00	00	96	02	0	399	99	0	0	9	0	0	40	00
	Samungli (Quetta) * ...	000	0	0	00	00	97	02	0	488	87	0	0	9	0	0	58	90
	Chaman * ...	000	0	0	03	03	97	00	0	434	90	0	0	9	0	0	59	93
	Nushki * ...	000	0	0	03	03	97	02	0	515	96	0	0	9	0	0	63	97
	Dalbandin * ...	000	0	0	00	00	96	02	0	439	97	0	0	9	0	0	24	99
Kalat	Kalat * ...	000	0	0	03	03	96	02	0	407	80	0	0	9	0	0	62	85
	Khuzdar * ...	000	0	0	00	00	97	02	0	400	94	0	0	9	0	0	52	95
	Panjgur * ...	000	0	0	09	09	96	02	0	432	94	0	0	9	0	0	31	96

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

STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Heights 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	002	9	5	18	02	98	03	9	065	86	3	4	6	4	/	77	79
Cox's Bazar	000	0	6	13	18	97	02	2	046	84	2	2	5	7	1	75	75
Chittagong	022	9	7	16	05	96	02	9	052	82	3	8	4	3	0	75	77
Maijdee Court	000	9	3	18	05	97	02	0	043	84	2	1	5	2	0	79	81
Comilla	000	0	0	18	05	96	02	0	058	84	0	0	9	0	0	79	77
Brahmanbaria	054	7	4	18	02	97	03	9	056	86	2	4	5	0	7	77	81
Sylhet	000	0	4	00	00	97	02	2	047	87	2	5	4	2	2	77	79
Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mymensingh	008	3	6	00	00	97	02	2	055	84	6	5	5	0	0	79	79
Narayanganj	000	0	3	13	05	97	01	1	046	90	2	6	6	3	1	//	79
Dacca (Tezgaon)	000	0	3	18	09	98	01	2	049	87	3	4	4	0	1	77	82
Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Satkhira	000	0	6	23	01	97	01	0	027	82	2	0	9	0	1	79	82
Jessore	039	9	6	11	15	97	02	9	035	86	6	6	2	0	8	77	79
Pabna	000	9	5	11	05	98	03	9	037	84	3	8	6	0	3	77	81
Sirajganj	057	9	2	00	00	98	01	1	052	87	2	2	6	0	0	81	81
Rajshahi	008	9	5	05	03	96	03	6	042	86	5	5	5	/	/	77	81
Bogra	000	0	4	09	03	//	//	/	042	86	4	4	4	/	/	81	79
Dinajpur																	
Rangpur	020	0	4	09	02	96	03	0	067	87	3	2	6	1	0	79	81
Jammu																	
Lahore (Jail Rd.)	000	0	3	35	05	96	05	3	024	82	3	6	4	3	0	79	81
Sialkot																	
Jhelum	000	0	8	31	02	97	59	5	071	73	5	9	6	2	1	65	67
Islamabad																	
Rawalpindi	005	1	8	05	03	99	21	9	050	69	8	5	6	0	0	68	69
Campbellpur																	
Khushab	000	0	6	09	//	98	03	2	027	82	2	2	8	4	0	75	79
Sargodha	000	0	7	05	13	97	03	1	036	81	7	6	4	3	0	68	77
Lyallpur	000	0	0	00	00	99	00	0	007	84	0	0	9	0	0	75	77
Sahiwal																	
Multan	000	0	0	36	05	97	01	0	014	84	0	0	9	0	0	73	79
Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khanpur	000	0	3	00	00	97	02	0	003	84	2	9	9	3	/	69	77
Bahawalpur	000	0	0	00	00	96	00	0	019	96	0	0	9	0	0	73	84
Fort Abbas	000	0	2	00	00	98	00	1	008	90	2	0	9	0	0	84	81
Chitral	000	0	5	05	03	97	13	1	014	73	2	0	9	6	9	64	//
Peshawar	000	0	5	00	00	97	01	2	046	75	3	4	6	3	0	68	73
Haripur	000	0	0	05	03	97	00	0	025	84	0	0	9	0		64	77
Bannu	000	0	0	25	01	97	52	2	054	69	7	3	6	0	0	65	69
D. I. Khan	000	0	0	05	03	98	00	0	033	81	0	0	9	0	0	73	79
Sibi	000	0	0	08	03	97	02	0	033	85	0	0	9	0	0	68	83
Nokkundi	000	0	0	31	17	97	02	0	020	79	0	0	9	0	0	39	73
Turbat	000	0	0	13	02	96	00	0	892	80	0	0	9	0	0	74	22
Jiwani	000	0	1	18	02	96	01	0	014	79	1	6	5	0	0	72	77
Pasni	000	0	0	23	02	95	04	7	017	75	0	0	0	0	0	75	62
Ormara	000	0	3	00	00	96	02	2	018	79	3	6	6	0	0	76	15
Lasbela	000	0	4	00	00	98	00	0	015	79	0	0	8	0	0	74	68
Karachi (Manora)	000	0	4	27	05	96	03	0	015	79	4	6	4	0	0	73	77
Karachi (Ariport)	000	0	4	27	07	96	03	1	011	79	4	6	5	0	0	73	77
Nagarparker	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor	000	0	2	23	03	96	02	0	012	80	0	0	9	0	1	71	75
Hyderabad	000	0	0	23	05	97	02	0	006	81	0	0	9	0	0	71	77
Badin	000	0	0	23	04	96	00	1	035	78	0	0	9	0	0	74	76
Padidan	000	0	0	13	02	97	02	0	007	79	0	0	9	0	0	72	75
Nawabshah	000	0	0	18	05	96	02	0	003	80	0	0	9	0	0	71	80
Sukkur	000	0	0	16	05	96	02	0	006	82	0	0	9	0	0	72	78
Kashmore	000	0	0	00	00	98	02	0	006	86	0	0	9	0	0	69	78
Jacobabad	000	0	0	09	03	96	02	0	007	85	0	0	9	0	0	76	81
Veraval																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	075	9	0	13	83	91	03	6	473	58	8	5	4	/	/	51	58
Drosh	000	0	3	00	00	98	83	0	478	09	2	2	7	6	0	51	64
Cherat	000	0	6	00	00	97	02	2	460	65	4	4	6	0	0	59	//
Kakul	017	0	5	31	02	98	00	0	469	68	0	0	9	0	0	62	62
Landikotal	000	0	4	31	05	98	01	0	350	79	4	3	9	6	3	75	64
Prachinar	000	0	7	16	05	97	03	0	473	64	5	5	6	5	0	54	//
Miranshah	000	0	8	05	05	97	02	0	453	73	8	0	9	0	0	60	75
Wana	000	0	0	00	00	99	00	0	436	73	0	0	9	0	0	64	65
Fort Sandeman	000	0	1	05	02	97	01	9	447	74	0	0	9	0	1	52	61
Hindubagh	000	0	0	00	00	97	02	0	461	66	0	0	9	0	0	40	58
Loralai	000	0	0	27	02	98	00	0	398	63	0	0	9	0	0	65	49
Barkhan																	
Harnai	000	0	0	00	00	96	02	0	419	82	0	0	9	0	0	60	//
Samungli (Quetta)	000	0	0	00	00	96	05	0	453	62	0	0	9	0	0	30	51
Chaman	000	0	0	09	03	97	00	0	446	77	0	0	9	0	0	44	68
Nushki	000	0	0	00	00	97	02	0	506	76	0	0	9	0	0	36	75
Dalbandin	000	0	0	00	00	96	02	0	429	70	0	0	9	0	0	27	62
Kalat	000	0	0	16	02	97	02	0	435	65	0	0	9	0	0	51	49
Khuzdar	000	0	0	23	02	96	02	0	429	80	0	0	9	0	0	49	71
Panjgur	000	0	0	00	00	96	02	0	439	70	0	0	9	0	0	35	66

Departure from Normal of / Rainfall

STATIONS (2)	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Rangamati	—	—	82.4	—	88.8	—
Cox's Bazar	+ 4	+ 3	65.1	−34.3	72.8	140
Chittagong	+ 5	+ 1	42.1	−27.0	95.3	108
Maijdee Court	+ 1	+ 3	102.3	+54.2	114.5	115
Comilla	+ 2	0	75.2	+20.1	94.4	94
Brahmanbaria		—	34.5	− 6.8	44.2	78
Sylhet	—	—	110.3	—	138.2	—
Srimangal	0					98
Mymensingh	— 1	+ 1	58.2	+ 5.5	73.4	91
Narayanganj	+ 1		39.7	− 0.6	63.1	74
Dacca (Tezgaon)	—	—	42.0	—	53.0	—
Faridpur	— 1					71
Barisal	— 1					81
Khulna	+ 5					68
Satkhira	+ 1	+ 4	36.7	− 3.0	42.0	65
Jessore	—	—	34.4	− 3.3	42.3	66
Pabna	—	—	—	—	—	59
Sirajganj	— 1	+ 3	34.7	− 3.3	42.3	64
Rajshahi	— 1	+ 3	35.3	—	60.8	—
Bogra	— 3	+ 1	33.7	− 8.0	44.7	69
Dinajpur						72
Rangpur	— 1	+ 3	—	—	—	84
Jammu						—
Lahore (Jail Rd.)	+ 5	+ 6	12.4	− 1.8	17.0	19
Sialkot						32
Jhelum	—	—	19.7	—	28.1	—
Islamabad						—
Rawalpindi	— 4	— 2	17.3	− 3.6	27.4	36
Campbellpur						—
Khushab	0	0	3.8	− 5.5	7.2	15
Sargodha	—	—	15.8	—	19.0	—
Lyallpur	+ 5	0	4.6	− 3.7	7.6	12
Sahiwal						10
Multan	+ 1	— 1	8.0	+ 3.5	11.0	7
Leiah	—					8
Khanpur	— 1	— 1	0.2	− 4.4	1.1	6
Bahawalpur	+ 4	+ 7	0.7	− 3.4	2.0	6
Fort Abbas	/	—	0.7	—	0.8	8
Chitral	—	—	3.2	—	12.6	—
Peshawar	— 3	— 1	4.6	+ 0.8	13.5	11
Haripur	—	—	6.6	—	16.7	—
Bannu	—	—	0.6	—	4.5	11
D. I. Khan	— 1	+ 1	1.6	− 3.4	4.1	9
Sibi	—	—	0.2	—	0.2	5
Nokkundi	—	—	0.0	—	0.3	2
Turbat	—	—	0.2	—	0.2	—
Jiwani	—	—	0.0	—	2.0	5
Pasni	— 1	—	0.0	− 0.8	0.0	6
Ormara	—	—	0.0	− 0.8	0.6	4
Lasbela	—	—	0.7	—	0.7	8
Karachi (Manora)	0	— 1	1.0	− 4.6	1.1	8
Karachi (Ariport)	—	—	1.5	—	1.5	—
Nagarparker	—					—
Chhor	—	—	0.2	—	0.3	7
Hyderabad	—	—	0.2	− 5.4	0.3	9
Badin	+ 1	— 2	0.3	− 6.4	0.3	—
Padidan	—	—	0.8	—	0.8	4
Nawabshah	—	—	1.0	—	1.1	—
Sukkur	—	—	0.1	—	0.1	4
Kashmore	—	—	0.0	—	0.0	20
Jacobabad	— 2	+ 2	0.5	− 1.6	0.8	26
Veraval						—
Srinagar						71
Gulmarg						26
Sonamarg						3
Dras						6
Leh						—
Skardu						—
Misgar						5
Aliabad						59
Gilgit						
Murree	0	+ 3	15.7	−16.3	33.3	18
Drosh	— 3	— 3	2.2	—	13.4	29
Cherat	— 5	/	3.1	− 6.7	13.4	—
Kakul	—	/	14.2	—	25.0	—
Landikotal	—	—	2.2	—	12.6	29
Prachinar	— 1	/	5.8	—	16.5	13
Miranshah	—	—	0.5	− 3.3	2.0	11
Wana	—	—	1.2	—	4.1	11
Fort Sandeman	—	— 7	2.2	− 2.6	6.5	—
Hindubagh	—	—	2.7	—	6.0	9
Loralai	—	—	0.6	—	0.6	—
Barkhan						14
Harnai	—	/	3.2	− 3.7	5.0	9
Samungli (Quetta)	+ 2	— 6	0.5	− 0.5	3.1	8
Chaman	0	—	2.1	+ 2.0	4.8	—
Nushki	—	—	0.5	—	2.6	4
Dalbandin	— 2	— 1	0.0	− 0.2	0.5	7
Kalat	0	— 2	0.8	− 0.2	2.2	—
Khuzdar	— 2	—	1.8	—	3.1	5
Panjgur	0	— 1	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

SUNDAY THE 7th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Biyomaru	99 2 22	10 6 16	05 0 64	32 3 15	97 0 20	07 5 28	36 3 90	54 0 18	...		00 2 24	12 7 00	...	...
British	99 2 12	10 6 72	06 0 63	22 1 16	98 0 20	06 4 29	00 9 41	33 1 05	...		0 / / 25	12 7 70	30 2 02	22 8 04
Croix	93 2 16	10 5 58	06 1 24	02 1 20	98 0 26	10 1 26	00 9 01	43 6 21	...		00 5 22	12 3 05	30 5 03	20 7 06
Carenia	99 1 92	10 6 52	06 4 83	32 3 15	58 0 21	05 6 27	31 5 11	...	...		0 / / 23	12 7 20	30 3 02	23 / / /
Chevroneinod	99 2 29	10 6 06	06 1 24	12 0 11	97 0 20	01 0 27	60 9 00	...	74 5 06		0 / / 24	12 7 10	30 4 02	19 5 04
Chevroneinodhoven	99 2 17	10 6 19	06 0 63	62 5 16	97 0 21	05 2 26	62 4 03	...	73 8 05		0 / / 21	12 6 54	30 4 03	23 5 03
Esso Hampshir	99 2 63	10 5 61	06 0 63	00 2 08	98 0 20	04 0 91	00 9 00	24 1 10	...		0 / / 80	19 0 00	...	...
Korenia	99 2 05	10 5 38	06 4 23	22 3 15	98 0 11	03 2 28	21 5 00	...	...		0 / / 24	12 6 90	30 3 02	23 8 06
Korenia	99 2 13	10 6 26	06 3 63	42 2 15	98 0 21	06 6 26	22 4 03	...	...		0 / / 23	12 6 78	30 3 03	22 7 05
Crox Fnhm	99 2 34	10 5 95	06 0 64	00 4 05	98 0 20	04 1 30	00 9 00	43 1 05	...		05 3 27	13 2 03	30 5 00	13 8 02

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
		PoPoPo ToToTo DoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	000 474 26	...	410 206 44	111 112 / /	584 039 56	758 109 50	969 293 58	245 531 / /	...	...	...	...	...
Dacca ...	00 00	002 300 25	...	400 174 58	074 104 60	581 045 61	753 141 61	966 295 67	243 515 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	977 250 16	...	500 214 56	054 010 42	974 071 / /	746 141 / /	959 255 / /	244 421 / /	...	...	...	...	—
Multan ...	00 00	581 260 48	...	450 280 /8	100 130 35	581 095 / /	552 165 11	962 297 / /	242 431 / /	...	...	...	...	...
Peshawar ...	00 00	963 244 50	...	400 190 61	065 104 56	579 063 / /	750 169 / /	963 255 / /	...	..	...	...	...	...
Quetta ...	00 00	815 185 29	...	...	082 132 69	579 117 / /	749 017 / /	952 383 / /	219 315 47	...	...	...	...	...
Sargodha ...		MISDA	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed	TROPOPAUSE	
											PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 228 49	800 172 26	600 044 35	350 205 38	...	..	...	...	...	...	...	...
Dacca ...	00 00	900 204 58	800 144 58	600 034 13	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...										
Peshawar ...	00 00	...	...										
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	—	...	...
Sargodha ...		MISDA	...	..	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds 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.

UPPER WIND DATA

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

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
Bogra ...	130 05	050 10	050 12	090 15	090 12	130 17	..	-	...
Chaklala ...		080 05	120 03	150 05	150 03	...	...	...	...
Chhor ...	220 15	220 15	220 12	155 02	185 03	215 07	190 11	335 09	300 11
Chittagong ...	270 02	215 02	220 02	...	...				
Cox's Bazar ...	140 02	135 17	135 23	135 07	135 25	130 25	...	...	...
Dacca ...	110 02	105 03	110 05	120 11	125 17	135 27	...	...	-
Daibandin ...	...	...	270 01	195 03	250 02	275 05	265 20	265 30	285 28
D. I. Khan ...	080 03	130 05	115 09	110 11	135 07	230 01	260 10	235 21	255 20
Drosh ...	...	...	...	...	...	...	...		...
Fort Sandeman ...	...	...		230 11	215 15	210 20	210 16	195 17	200 14
Jacobabad ...	195 07	195 08	240 04	080 4/	040 17	015 17	285 06	225 06	215 07
Jessore ...	115 14	115 27	111 /0	120 39		..		—	
Jhelum ...	047 01	025 15	015 07	315 05	240 07	295 10	300 22	270 1/	260 18
Jiwani ...	185 06	125 04	125 05	335 09	320 05	325 12	251 1/	010 06	350 09
Karachi ...	250 10	320 06	255 03	005 07	360 00	295 12	350 06	015 09	060 08
Khanpur ...	225 10	225 12	220 13	230 10	260 05	185 04	125 07	275 13	231 07
Lahore ...	325 06	290 13	285 07	275 06	270 05	270 03	295 08	305 09	320 08
Multan ...	240 07	205 08	205 12	200 13	205 17	210 14	300 07	005 03	300 10
Nawab Shah ...	180 05	180 12	180 07	210 02	050 10	310 05		...	...
Panjgur ...	...	...	...	360 07	340 04	340 09	351 1/	305 14	300 13
Peshawar ...	...	110 15	170 12	245 11	195 07	190 1/	..	...	...
Quetta ...	...		...	...	250 08	275 07	270 13	2/5 20	260 27
Sargodha ...	085 13	080 17	007 52	...	...	...	...	...	...
Sylhet ...	035 06	070 08	100 12	110 19	...	...	...	...	...
Veraval ...	...	...	-	...	...	...	—	...	...

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

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
Bogra ...	110 11	115 13	115 17	115 20	105 20	..
Chaklala ...	No	Ascent				
Chhor ...	230 19	225 20	170 23	195 73	180 05	075 03
Chittagong ...	...			...	...	...
Cox's Bazar ...	140 20	140 27	140 33	140 09	135 35	135 29
Dacca ...	...	...		...		
Daibandin ...	...	...	025 05	015 13	240 12	055 27
D. I. Khan ...	040 03	055 05	070 03	330 03	265 03	...
Drosh ...		...	...	205 01	280 02	285 02
Fort Sandeman ...	...	...	..	210 05	765 10	215 09
Jacobabad ...	160 05	160 07	175 09	185 10	205 06	...
Jessore ...	120 14	120 26	125 32	125 25	120 24	...
Jhelum ...	100 13	050 03	270 02	185 07	225 07	.
Jiwani ...	180 07	300 13	310 15	350 12	350 01	..
Karachi ...	...		...	...		
Khanpur ...	231 00	220 13	220 12	230 14	200 14	205 12
Lahore ...	110 12	120 17	151 5/	180 07	240 05	305 05
Multan ...	050 09	115 77	085 06	085 11	050 37	080 27
Nawab Shah ...	195 06	155 02	160 03	110 02	110 04	...
Panjgur ...	...		...	345 11	335 15	315 21
Peshawar ...	..	010 04	360 05	100 17	195 23	360 17
Quetta ...	...	...	...	...	...	...
Sargodha ...	065 /5	035 12	005 0/	185 09	255 04	...
Sylhet ...	100 14	100 17	105 17	135 12	135 11	...
Veraval ...	...	-	..	..	-	..

At 0600 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	105 19	105 17	120 23		125 23		...	...	...	...	...
Chaklala ...	...	150 07	110 07	125 04	020 06	345 09	265 12	...	...	...	...
Chhor ...	210 07	155 09	185 06	175 11	150 14	160 12	190 03	..	...	...	...
Chittagong ...	135 08	150 07		..	...	..	...	...	...	...	...
Cox's Bazar ...	170 08	160 10	155 29	145 32	...	...		...	...	...	...
Dacca ...	130 22	145 10	145 24	135 31	130 27	135 32	130 19	110 19	095 17	...	...
Daibandin ...	...		070 03	175 12	075 03	285 11	190 11	...	300 16	..	...
D. I. Khan ...	045 01	350 05	335 10	360 08	040 10	030 05	250 19	245 17	255 17	...	...
Drosh ...		...	...	..	...	..	...			...	...
Fort Sandeman ...		...	...	265 01	250 06	215 08	190 17	230 18	235 21	...	...
Jacobabad ...	070 15	090 20	135 31	090 12	055 18	065 17	300 40	075 22	290 41	..	...
Jessore ...	140 23	125 28	145 27	140 37	135 29	130 15	...	...	...	...	...
Jhelum ...	360 05	080 21	080 19	260 06	295 09	285 07	275 19	...		..	...
Jiwani ...	261 03	360 12	065 15	095 09	145 03	330 05	250 08	340 14	005 10	...	...
Karachi ...	280 10	275 08	295 05	020 05	015 06	...	...	...	...		—
Khanpur ...				...			...	..	...	...	...
Lahore ...	025 22	020 51	020 38	015 13	050 04	...	...	.	...	...	-
Multan ...	040 21	030 23	020 23	010 21	340 12	090 82	205 15	150 13	250 19	...	...
Nawab Shah ...	065 03	025 02	055 03	070 05	165 06	120 12	195 07	200 08	260 13	...	...
Panjgur ...	...	...		340 14	335 13	070 06	200 02	250 07	295 10	...	...
Peshawar ...	...	060 05	150 04	210 02	190 04	021 08	185 17	...	...	...	...
Quetta ...		...		...	155 06	210 08	220 14	235 17	240 24	...	...
Sargodha ...	065 25	035 12	005 02	185 09	255 14			...	—	...	...
Sylhet ...	130 07	110 01	075 14	095 19	100 09	130 12	105 20	265 13	095 13	.	...
Veraval ...	...	.	...	..	...		...	..	—	—	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	255 15	265 11	265 18	295 11	310 08	345 08	040 10	040 10	040 11	...	..	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

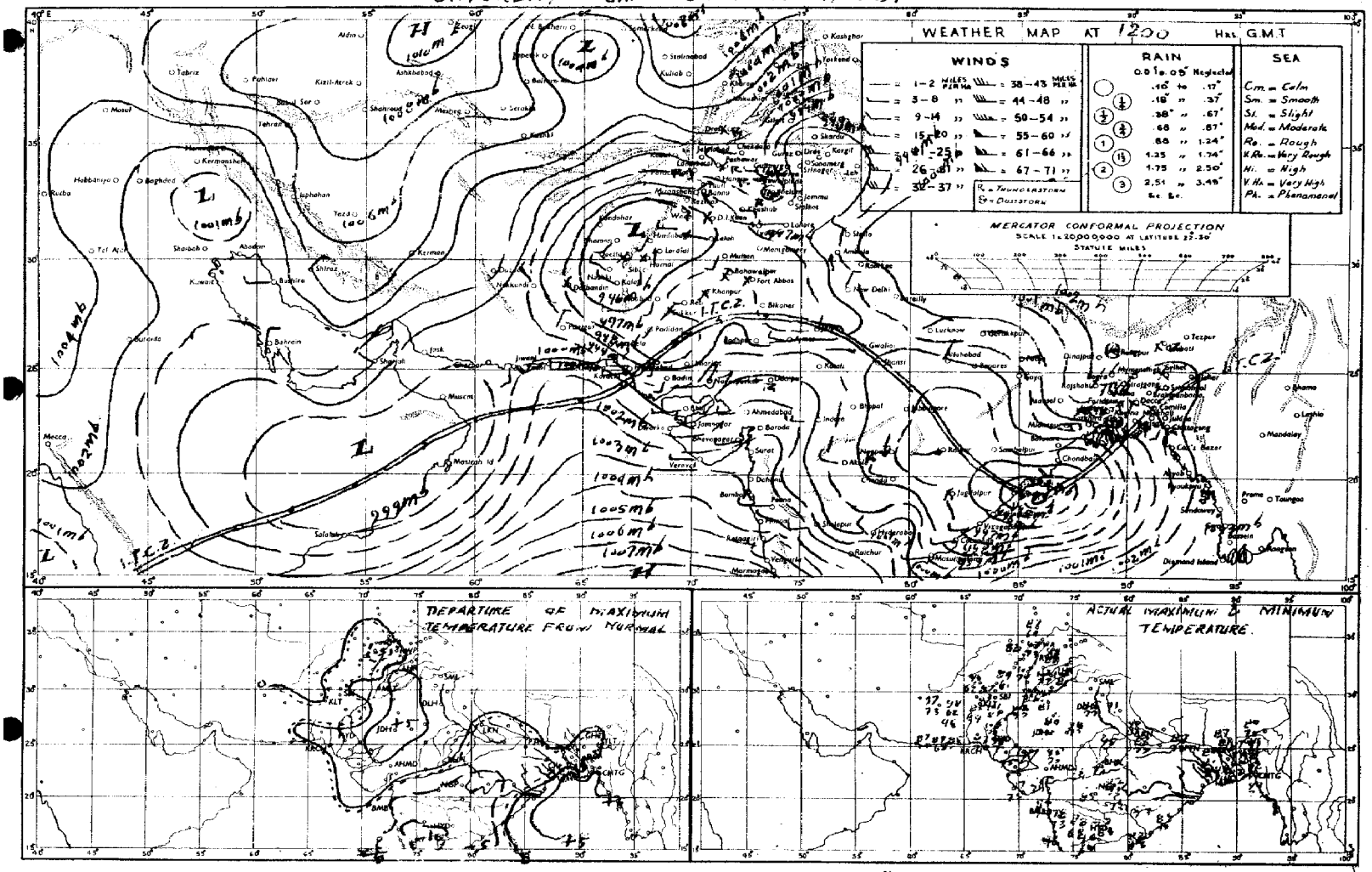
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

SATURDAY 6th SEPTEMBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 7th SEPTEMBER, 1969.

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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 8th SEPTEMBER 1969.

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

Yesterday's morning depression moved northwestwards and was centred at 07,1200 G.M.T. about 80 miles of Chanipa.

Observations are lacking but belive last evening depression moved westnorthwestwards and is centred at 08,0300 G.M.T. about 60 miles east of Nagpur. It is likely to move in the same direction.

Rain/thundershowers have been scattered over East Pakistan.

The seasonal trough of low pressure lies over Quetta division and adjoining areas.

Rain/thundershowers have been scattered over Rajshahi, Lahore, Rawalpindi, Peshawar and Quetta divisions.

Chief amounts of rainfall are:- Cox's Bazar and Srimangal 1" each, Harnai 3/4", Faridpur ½", Rangamati, Rajshahi, Drosh and Parachinar ¼" each.

Day temperatures were 3—6 °F (2—3 °C) below normal in Khulna, Lahore, Rawalpindi, Peshawar, Quetta and Khairpur divisions and 7—13 °F (4—7 °C) so in Sargodha division and 3—6 °F (2—3 °C) above normal in Rajshahi, Bahawalpur and Hyderabad divisions.

Forecast valid until the evening of 9th September 1969 : — Rain/thundershowers will be local over East Pakistan, Lahore and Rawalpindi divisions and scattered elsewhere over west Pakistan and Kalat and Peshawar divisions.

Karachi-11
The 8th September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISION	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Winds speed in Knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure ° (mbs. and tenths)	Dry Bulb temperature °	Amount of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	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	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dew-point temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	h	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 **	020	3	7	36	02	97	21	6	040	82	5	8	5	7	1	76	90	020	0	2	18	02	98	01	7	075	87	1	2	7	4	1	72	77	—	—	82.6	—	89.0	—
	Cox's Bazar	100	6	7	13	12	97	01	6	023	82	4	4	4	3	0	76	87	000	0	5	13	12	97	02	0	056	84	4	1	5	0	1	75	77	+ 1	+ 1	65.1	—25.1	72.8	140
	Chittagong	002	4	7	13	05	96	03	2	034	82	6	3	4	3	0	76	87	002	0	3	13	05	96	02	2	063	86	2	2	5	0	1	73	77	0	+ 1	42.1	—27.5	95.3	108
	Maijdee Court	002	9	8	16	09	96	03	2	027	85	5	4	5	2	0	77	86																		0					115
	Comilla	000	0	5	18	05	96	02	2	030	85	5	4	5	0	0	77	90	000	0	2	09	02	97	01	4	065	86	2	4	5	0	0	77	77	+ 2	—	75.2	+19.7	94.4	94
	Brahmanbaria	000	0	6	18	02	97	03	1	032	86	6	6	5	0	0	78	90	000	0	2	09	02	97	01	4	068	86	2	4	5	0	0	77	81	—	—	34.5	— 7.1	44.2	78
	Sylhet	000	0	6	18	08	97	03	2	026	82	4	3	4	2	0	73	91	000	0	3	00	00	97	02	9	061	86	3	5	5	0	0	72	81	—	—	110.3	—	138.2	—
	Srimangal	101	9	8	00	00	95	95	9	038	//	/	/	/	/	/	//	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					98
Dacca	Mymensingh	000	0	5	00	00	96	02	2	037	87	5	6	5	0	0	77	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					91
	Narayanganj	000	0	8	13	05	96	03	2	024	86	8	6	4	/	/	77	86	000	0	3	13	03	97	02	1	059	90	2	6	6	3	1	77	81	—	+ 2	39.7	— 2.0	63.1	74
	Dacca (Tejgaon)	002	6	7	13	05	97	02	6	023	85	5	5	4	1	3	76	90	002	9	4	13	05	97	02	0	057	87	3	8	4	4	0	77	80	—	—	42.0	—	53.0	—
	Faridpur	030	6	4	16	02	97	02	6	015	82	2	5	5	1	0	78	87	053	0	3	*6	07	97	02	2	053	84	3	5	5	0	0	79	78	—	—	—	—	—	71
Khulna	Barisal	000	0	2	00	00	97	03	0	020	82	2	4	4	0	0	73	85	000	0	2	00	00	97	03	0	009	84	2	2	4	0	0	76	79	—	+ 1	—	—	—	81
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	014	0	6	09	08	97	03	3	055	84	6	8	4	0	1	77	79	+ 2	+ 1	—	—	—	68
	Satkhira	000	0	6	18	03	97	00	1	021	82	2	3	5	0	0	80	91	007	0	6	18	03	97	01	0	996	84	3	5	4	0	1	78	79	—	+ 1	36.7	— 3.2	42.0	65
	Jessore	009	7	7	16	08	97	21	6	012	82	5	6	5	4	8	77	87	009	9	6	11	02	97	02	2	949	86	4	6	3	0	8	77	79	—	—	34.5	— 3.5	42.9	66
Rajshahi	Pabna	061	0	6	00	00	98	01	9	009	83	3	7	5	9	6	78	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	59
	Sirajgan	000	0	6	18	02	97	03	2	022	82	6	5	5	6	0	77	87	000	0	0	09	01	98	00	1	060	84	0	0	9	0	0	79	81	—	+ 3	34.7	— 3.6	42.3	64
	Rajshahi	047	9	6	13	03	95	23	9	017	81	3	5	5	4	3	77	91	039	9	4	09	03	96	03	1	058	87	4	1	5	0	0	72	77	+ 3	—	38.7	—	61.2	—
	Bogra	000	0	7	13	05	96	02	2	015	86	3	5	4	3	8	72	90	000	0	2	09	05	96	02	1	060	85	3	8	4	0	0	76	80	+ 1	—	33.7	— 8.3	44.7	69
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	3	3	09	02	96	01	1	058	87	3	8	4	0	0	79	79	—	+ 1	—	—	—	72
	Rangpur	000	5	2	00	00	96	01	0	021	86	1	2	6	1	0	77	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3					84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					—
Lahore	Lahore (Jail Rd.)	012	7	6	11	02	96	02	6	008	83	3	4	6		0	73	90	012	0	3	02	02	97	02	1	057	82	3	4	6	3	0	73	73	— 7	— 2	12.5	— 0.9	17.1	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					32
Rawal-pindi	Jhelum	046	8	0	00	00	96	02		009	84	0	0	9	0	0	69	87	016	0	0	00	00	97	01	0	054	79	0	0	9	0	0	73	69	—	—	19.9	—	28.2	—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 7					—
	Rawalpindi	000	0	1	00	00	99	00	0	006	87	0	0	9	0	4	70	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					36
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					—
Sargo-dha	Khushab	000	0	0	09	02	98	00	0	007	86	0	0	9	0	0	76	87	000	0	0	09	10	98	00	0	058	77	0	0	9	0	0	75	73	— 13	— 6	3.8	— 5.6	7.2	15
	Sargodha	008	0	1	05	02	98	02	0	005	87	1	1	6	0	0	72	90	000	0	0	09	03	97	02	0	056	79	0	0	9	0	0	73	73	—	—	15.9	—	19.0	—
	Lyallpur	000	0	9	07	02	96	00	0	996	87	0	0	9	0	0	70	80	000	0	0	29	02	96	00	0	042	//	0	0	9	0	0	73	75	+ 7	— 2	4.7	— 3.8	7.6	12
Mul-tan	Sahiwal	000	0	5	02	05	96	06	0	990	95	1	5	6	3	1	73	100	000	0	0	05	05	97	01	0	048	82	0	0	9	0	0	75	79	+ 1	— 1	8.0	+ 3.5	11.0	10
	Multan	000	0	0	09	02	96	00	0	016	95	0	0	9	0	0	69	//	000	0	0	23	02	97	00	0	032	86	0	0	9	0	0	73	79	—	—	0.9	—	2.8	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					—
Baha-walpur	Khanpur	000	0	5	23	05	97	02	2	973	99	4	0	9	7	1	64	100	000	0	0	05	09	96	05	2	029	84	2	0	9	3	1	73	79	+ 5	+ 2	0.7	— 3.5	2.0	6
	Bahawalpur	000	0	0	00	00	96	00	0	978	99	0	0	9	0	0	65	106	000	0	0	00	00	96	00	0	044	87	0	0	9	0	0	73	74	—	—	0.7	—	0.9	8
	Fort Abbas	000	0	2	03	02	98	00	1	985	91	2	0	9	2	0	82	91	///	/	2	00	00	98	00	0	012	81	0	0	9	0	0	74	75	+	—				
Pesha-war	Chakdra	000	0	2	07	05	97	02	8	961	90	2	1	5	0	0	68	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 6	— 1	4.6	+ 0.8	13.5	11
	Peshawar	000	0	6	09	02	97	03	0	011	87	0	1	9	6	0	70	90	000	0	0	31	03	97	01	0	072	77	0	0	9	0	1	65	73	—	—	6.6	—	16.7	—
	Haripur	000	0	0	23	02	97	00	0	951	56	0	0	9	0	0	79	99	000	0	0	36	02	98	00	0	071	73	0	0	9	0	0	64	69	—	—	—	—	—	—
D. I. Khan	Bannu	000	0	6	13	02	98	03	9	009	86	4	0	2	7	9	69	87	000	0	0	00	00	99	00	0	062	73	0	0	9	0	0	69	69	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	8	05	02	97	00	0	997	96	0	0	2	7	0	68	//	000	0	0	00	00	98	00	0	///	73	0	0	9	0	0	69	//	—	—	1.6	— 3.4	4.1	9
Quetta	Sibi	000	0	2	19	03	97	03	1	974	06	2	0	0	9	2	0	62	000	0	4	18	03	97	03	7	032	97	4	0	9	4	2	69	73	—	—	0.2	—	0.3	5
	Nokkundi	000	0	0	31	05	97	02	0	965	97	0	0	9	0	0	42	99	000	0	0	36	03	97	02	0	030	78	0	0	9	0	0	29	29	—	—	0.0	—	0.3	7
Kalat	Turbat	000	0	0	23	02	96	00	0	852	08	0	0	0	9	0	62	109	000	0	0	23	02	96	01	0	904	80	0	0	9	0	0	73	72	—	—	0.2	—	2.0	5
	Jiwani	000	0	0	18	07	96	02	0	987	88	0	0	0	9	0	75	87	000	0	0	13	03	96	03	0	033	79	4	0	9	0	0	76	76	—	—	0.0	—	0.0	6
	Pasni	000	0	0	25	14	97	02	0	994	85	0	0	9	0	0	75	88	000	0	0	11	04	97	02	0	037	74	4	0	9	0	0	74	74	— 2	— 10	0.0	— 0.9	0.0	6
Karachi division	Ormara	000	0	1	27	12	96	03	3	958	83	1	6	6	0	0	80	88	000	0	0	00	00	96	01	0	046	76	0	0	9	0	0	76	//	—	—	0.0	—	0.6	6
	Lasbela	///	0	2	13	02	98	00	0	963	04	2	6	9	0	0	80	105	///	0	0	00	00	98	00	0	026	79	0	0	9	0	0	72	72	—	—	0.0	—	0.0	8
	Karachi (Menore)	000	0	2	27	09	97	03	0	981	81	1	0	9	3	0	74	85	000	0	2	27	05	96	02	1	025	79	0	0	9	0	2	71	78	—	0	1.0	— 4.7	1.1	8
	Karachi (Ariport)	000	0	2	27	09	96	01	0	984	85	1	0	9	3	0	71	89	000	0	3	29	05	96	03	1	027	80	3	6	5	0	2	73	79	—	—	1.5	—	1.5	—
Hydera-bad	Nagarparkher	000	0	6	05	02	97	02	0	999	99	0	6	6	0	0	/8/	100	000	0	6	05	02	97	02	1	///	81	8	6	6	0	0	75	78	—	—	0.2	—	0.1	7
	Chhor	000	0	1	23	05	96	01	0	975	99	0	0	9	0	0	71	99	000	0	5	23	09	96	03	1	011	82	5	0	9	3	2	73	79	—	—	0.2	— 5.4	0.3	9
	Hyderabad	000	0	2	23	05	97	02	0	975	96	0	0	9	0	0	69	100	000	0	3	23	02	97	03	0	022	83	0	0	9	3	0	74	77	+ 3	— 2	0.3	— 6.4	0.3	—
	Badin	000	0	0	23	04	96	02	0	009	94	0	0	9	0	0	75	95	000	0	0	23	01	96	02	0	037	79	0	0	9	0	0	74	77	+ 1	— 1	0.3	—	0.3	—
Khairpur	Fadidan	000	0	0	00	00	97	02	0	972	01	0	0	9	0	0	65	102	000	0	3	05	03	95	03	0	022	85	2	0	9	3	5	75	78	—	—	0.8	—	0.8	4
	Nawabshah	000	0	0	00	00	96	02	0	979	00	0	0	9	0	0	71	101	000	0	0	23	05	96	02	0	028	85	0	0	9	0	0	75	78	—	—	1.0	—	1.1	—
	Sukkur	000	0	0	23	05	96	02	0	968	00	0	0	9	0	0	69	100	000	0	0	13	05	93	05	4	026	87	0	0	9	0	0	74	81	—	+	0.1	—	0.1	—
	Kashmore	000	0	0	05	02	98	02	0	993	96	0	0	9	0	0	69	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3					4
	Jacobabad	000	0	1	13	05	97	03	0	977	99	1	8	6	0	0	72	100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					20
unagadh	Veraval **																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar **																																								71
	Gulmarg **																																								26
	Sonamarg **																																								3
	Dras **																																								4
	Leh **																																								—
	Skardu **																																								—
	Misgar **																																								5
	Astabad **																																								59
	Gilgit **																																								—
Rawalpindi	Murree **	000	0	2	27	05	98	01	1	449	64	2	1	1	4	0	0	49	000	0	4	13	05	98	01	1	478	64	4	5	4	0	0	49	56	— 5	+ 1	15.7	—16.5	33.3	18
Peshawar	Drosh	001	3	4	00	00	97	01	9	440	79	1	1	7	3	0	54	87	030	8	0	00	00	97	00	6	453	72	0	0	9	0	0	62	69	— 3	— 2	24.2	—	33.7	39
	Cherat	000	0	7	27	02	97	03	2	464	69	5	7	3	4	2	77	87	000	0	0	08	00	98	00	0	481	68	2	0	9	0	0	59	62	— 3	—	3.1	— 7.9	13.4	—
	Kakul	000	0	6	21	05	98	03	1	390	81	6	7	7	6	3	79	82	000	0	0	36	02	96	03	6	491	69	0	0	9	0	0	59	//	—	—	14.2	—	24.9	—
	Landikotal	000	0	6	21	05	98	03	1	390	81	6	7	7	6	3	79	82	000	0	0	36	02	96	03	6	491	69	0	0	9	0	0	59	//	—	—	3.1	—	12.7	29
	Parachinar	031	5	5	16	02	97	79	9	451	69	3	5	6	3	0	51	79	031	9	1	00	00	98	02	8	493	65	1	0	9	2	3	0	56	60	— 4	— 2	59.9	—	16.8	13
D.I. Khan	Miranshah **	070	0	4	05	05	97	02	0	445	85	4	0	0	0	0	56	93	000	0	0	05	05	99	00	0	419	75	0	0	9	0	0	56	75	—	—	0.5	— 8.3	2.0	11
	Wana **	000	0	5	13	06	99	03	3	444	81	3	2	5	0	0	65	86	000	0	0	00	00	99	00	0	480	73	0	0	9	0	0	59	62	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman **	000	8	4	09	12	97	03	0	423	84	3	8	4	7	3	46	91	000	0	6	06	02	96	05	0	483	70	5	3	7	1	0	59	68	— 3	— 0	2.2	— 2.7	6.5	—
	Hindubagh **	000	8	0	23	03	97	02	0	418	88	3	4	7	3	0	65	92	000	0	7	11	02	96	03	0	441	70	7	2	5	0	0	57	53	—	—	2.7	—	5.9	9
	Loralai **	000	0	4	18	02	98	01	0	395	75	1	8	4	0	1	66	97	000	0	0	27	02	98	01	0	390	65	0	0	9	0	0	57	49	—	—	8.6	—	0.6	—
	Barkhan **																																								14
	Harnai **	030	0	0	00	00	96	02	0	399	99	0	4	6	9	0	40	90	000	0	0	00	00	96	00	2	460	77	0	0	9	0	0	59	//	—	—	3.2	— 3.7	5.0	9
	Samungli (Quetta) **	000	0	4	27	05	96	03	0	419	82	4	0	6	0	0	43	93	000	0	0	13	02	96	05	0	455	69	2	0	9	0	0	64	67	— 0	+ 1	2.1	— 0.5	3.1	—
	Chaman **	000	0	4	27	07	97	00	0	419	91	4	0	6	0	0	51	93	030	0	0	27	03	97	00	0	442	76	0	0	9	0	0	40	74	—	—	0.5	— 1.9	4.8	—
	Nushki **	000	0	0	25	04	97	02	0	515	96	0	0	0	9	0	41	99	000	0	0	07	06	97	02	0	509	79	0	0	9	0	0	40	64	— 2	+ 1	0.0	— 0.2	0.5	4
	Dalbandin **	000	0	0	00	00	96	02	0	433	97	0	0	0	9	0	41	97	000	0	0	00	00	96	02	0	497	80	0	0	9	0	0	40	74	—	—	0.7	—	2.7	7
Kalat	Kalat **	000	0	0	34	02	97	02	0	407	82	0	0	0	9	0	61	85	003	0	3	27	02	97	03	0	460	64	0	1	9	0	0	49	53	— 0	+ 2	0.9	— 0.3	2.2	—
	Khuzdar **	000	0	3	13	05	97	03	0	401	77	3	0	0	9	0	67	93	000	0	1	00	00	96	01	0	460	77	0	0	9	0	0	65	63	—	—	1.9	—	3.1	—
	Panjgur **	000	0	0	00	00	96	02	0	428	96	0	0	0	9	0	40	98	000	0	0	00	00	96	02	0	453	70	0	0	9	0	0	40	63	+ 2	— 4	0.0	—	0.2	5

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T of the same day.

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 8th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_at_R	8$N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
S S President	99 2 34	10 6 76	07 0 63	62 7 12	98 0 21	01 0 27	44 3 59	...	74 4 00		0 / / 21	12 7 82	30 3 02	24 5 02
Esso Hampshire	99 2 12	10 6 33	07 1 23	22 2 27	98 0 20	01 0 80	21 4 00	34 6 18	...		0 / / 71	18 2 00	30 5 03	22 6 04
M/V Victoria	99 1 17	10 6 39	07 1 83	02 3 04	97 0 10	04 3 29	22 5 00	14 5 10	...		00 4 25	...	...	...

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
		PoPoPo,ToToTo DoDo	hhh TTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	002 258 19	...	420 186 49	112 100 50	584 035 36	757 145 65	969 307 70	245 505 / /	427 641 / /	...	...	...	...
Dacca ...	00 00	003 280 14	...	400 170 49	092 106 58	581 045 58	755 145 58	968 295 39	246 495 / /	430 162 / /	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	909 294 70	...	400 190 32	030 090 33	972 091 / /	739 195 / /	950 301 / /	232 425 / /	...	...	...	...	...
Multan ...	00 00	990 266 50	...	400 110 / /	024 025 / /	556 21 / /	718 281 11	930 361 / /	194 471 / /	...	...	...	...	...
Peshawar ...	00 00	966 220 25	...	350 176 30	079 082 27	576 101 32	756 175 / /	957 353 / /	251 451 / /	...	...	...	...	...
Quetta ...	00 00	817 194 60	...	...	105 130 24	578 103 / /	744 201 / /	953 353 / /	...	...	...	...	...	...
Sargodha ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD	Max. Wind Speed	TROPOPAUSE
			PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_{ta}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 214 46	800 158 45	600 044 38	350 207 69								
Dacca ...	00 00	...	800 140 42	600 020 57	350 217 58	250 387 59	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00		...				...		...	...	...	...	...
Peshawar ...	00 00	900 204 35	...	600 000 32	350 201 / /	250 333 / /	...	...	...	...	...	...	...
Quetta ...	00 00		...	600 033 / /	350 301 / /		...	...	...	...	...	...	...
Sargodha ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...

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.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T† of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	135 14	130 18	130 22	130 25	130 24	...	...	...	...	100 10	125 16	115 17	125 11	125 19	115 18	130 10	145 08	...	...	...	...	...	...	...	...	...
Chaklala ...	...	080 01	090 01	075 07	040 04	015 05	320 07	335 10	315 11	...	030 10	070 06	090 09	230 08	290 05	...	185 05	185 07	190 04	180 06	300 08	295 11	305 11	...	...	...
Chhor ...	230 04	190 04	130 05	120 05	100 06	150 07	280 03	315 04	320 07	...	...	...	...	...	...	360 11	360 11	355 21	...	...	...	...	...	...	...	...
Chittagong ...	150 09	145 21	145 26	...	...	...	...	...	...	...	...	...	...	...	...	185 05	140 07	125 11	130 28	...	...	...	...	...	...	...
Cox's Bazar ...	098 05	110 20	110 20	...	...	...	...	...	...	150 17	150 29	150 14	155 24	180 16	215 33	140 09	140 17	140 25	155 21	165 23	185 28	...	...	...	...	...
Dacca ...	145 20	145 10	150 25	150 37	...	...	...	...	...	115 19	115 19	120 20	120 15	120 19	...	105 15	115 17	120 19	120 23	130 26	140 26	125 15	125 21	115 15	119 10	...
Dalbandin ...	...	...	255 04	250 05	250 08	270 06	255 07	295 12	305 19	...	...	040 05	065 14	075 09	185 04	...	...	070 07	085 06	095 04	165 02	185 13	245 06	295 14	300 35	300 40
D. I. Khan ...	/// //	055 10	070 10	125 07	250 08	...	...	...	...	...	...	...	...	...	...	0'0 02	055 05	040 06	030 07	025 10	010 09	315 05	280 09	270 08	230 07	...
Drosh ...	..	...	...	340 02	040 05	130 03	360 06	310 07	...	...	...	...	225 02	285 13	210 02	...	...	...	235 13	220 06	180 04	085 10	340 13	285 13	225 19	250 20
Port Sandeman ...	...	...	...	100 17	010 10	145 01	/// //	240 09	255 04	...	...	...	045 11	100 04	230 09	...	...	...	030 05	060 03	185 05	...	...	...	...	...
Jacobabad ...	145 12	125 05	120 10	155 07	150 06	190 04	180 10	185 09	190 11	070 25	075 25	095 32	...	...	...	065 19	065 21	065 27	065 27	065 15	345 06	325 08	170 13	165 14	165 22	...
Jessore ...	140 19	140 25	150 25	150 25	140 25	...	...	...	...	140 18	130 24	110 29	120 23	130 23	...	120 19	125 25	130 29	125 31	135 26	120 22	120 29	...	...	...	...
Jhelum ...	310 03	080 03	120 09	100 09	355 03	355 10	290 23	250 21	265 26	015 06	020 05	265 03	120 00	185 13	...	220 01	135 03	115 05	160 06	110 04	020 05	310 15	225 13	220 15	...	...
Jiwani ...	170 05	090 05	090 05	320 07	320 07	130 10	320 10	320 12	...	175 03	295 09	300 12	270 06	275 02	295 09	100 05	035 05	360 05	335 01	220 03	100 06	035 09	350 12	015 22	355 12	315 08
Karachi ...	245 09	080 08	080 08	050 10	015 12	345 11	350 02	300 06	290 04	...	...	...	...	...	...	305 04	035 14	035 14	025 08	075 11	011 12	105 19	190 08	275 06	...	...
Khanpur ...	035 12	040 01	035 10	360 08	320 06	050 11	060 07	...	...	040 19	045 21	055 21	085 13	...	...	030 20	025 19	030 21	055 21	040 16	...	...	...	...	...	...
Lahore ...	095 07	115 13	110 11	085 04	360 10	325 06	...	...	...	030 09	065 08	110 07	150 09	115 07	075 09	050 08	065 12	080 12	090 09	115 06	120 02	340 17	345 14	325 10	230 09	...
Multan ...	028 12	035 15	055 19	065 11	270 04	270 05	270 04	265 09	255 24	125 09	160 19	185 19	90 30	340 16	250 14	035 08	040 13	045 18	045 28	035 30	045 22	060 17	255 15	225 10	...	...
Nawab Shah ...	085 03	080 01	090 05	120 04	145 06	285 12	275 07	290 10	295 11	335 09	335 09	335 07	050 07	085 06	075 04	010 10	010 09	015 08	050 11	055 13	050 07	...	...	...	...	...
Panjgar ...	...	...	...	045 12	025 07	155 05	280 08	...	...	...	...	...	...	...	...	...	...	...	335 08	350 19	360 10	155 09	320 10	325 11	325 22	...
Peshawar ...	...	105 04	140 05	190 05	280 05	220 07	...	...	...	...	855 05	040 10	035 07	350 04	020 05	...	050 03	045 03	075 03	315 05	255 11	...	...	...	...	...
Quetta ...	...	...	...	...	215 08	245 08	255 12	265 16	...	...	...	...	...	...	...	...	...	...	...	170 06	210 10	245 15	260 24	255 25	285 30	275 38
Sargodha ...	050 04	085 06	065 07	040 08	285 06	310 19	290 18	280 20	280 23	085 11	055 05	065 07	295 05	295 06	285 04	080 07	041 05	045 03	085 04	030 08	345 13	280 07	265 06	275 07	...	...
Sylhet ...	240 15	300 03	045 06	...	...	...	...	...	...	085 09	080 07	090 12	080 10	090 09	...	0 5 7	105 08	105 13	120 12	095 12	155 17	115 08	075 10	085 07	045 05	035 15
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	295 06	320 09	010 11	030 11	055 11	070 13	085 13	095 10	105 10	220 15	150 10	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

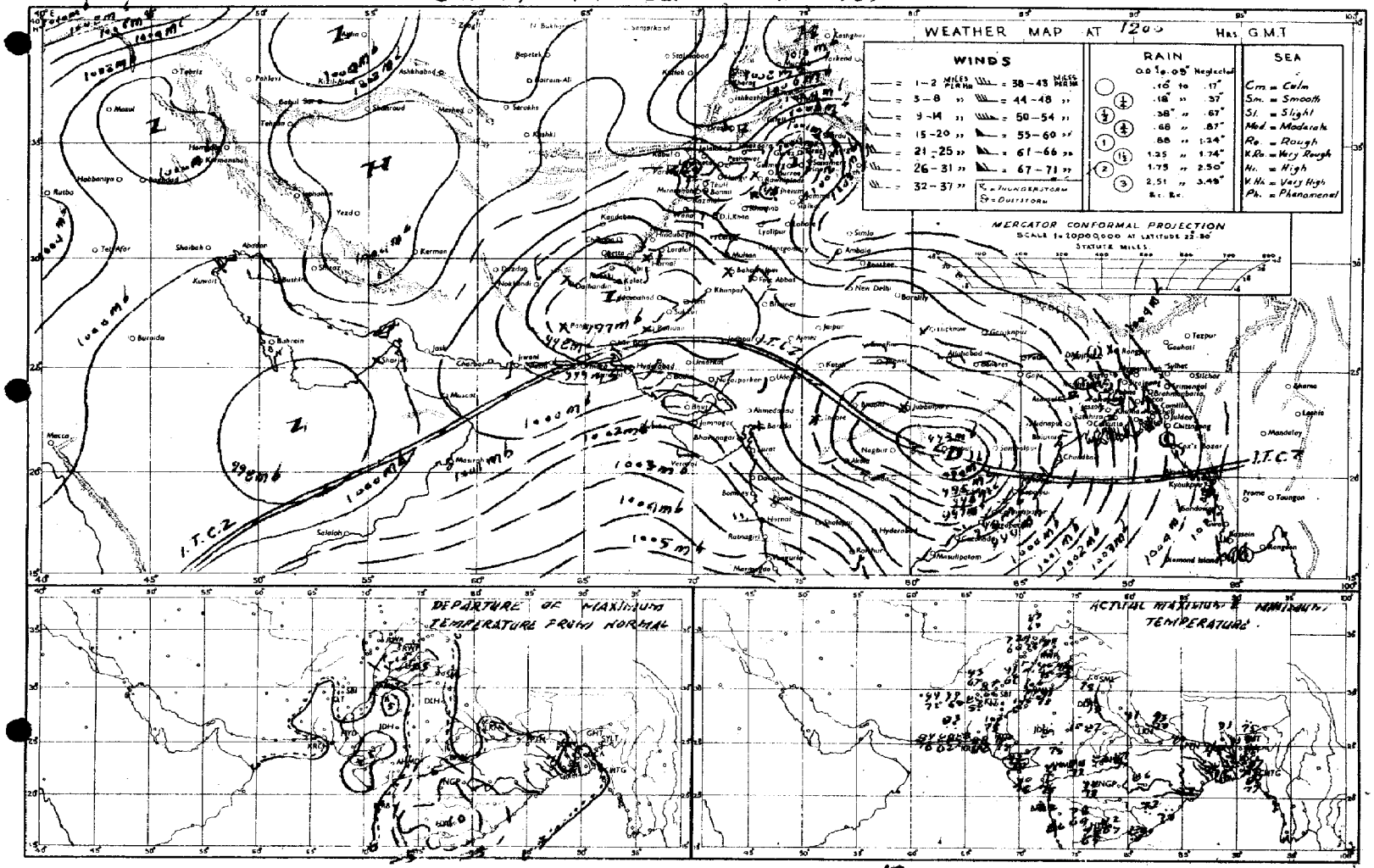
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
ff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

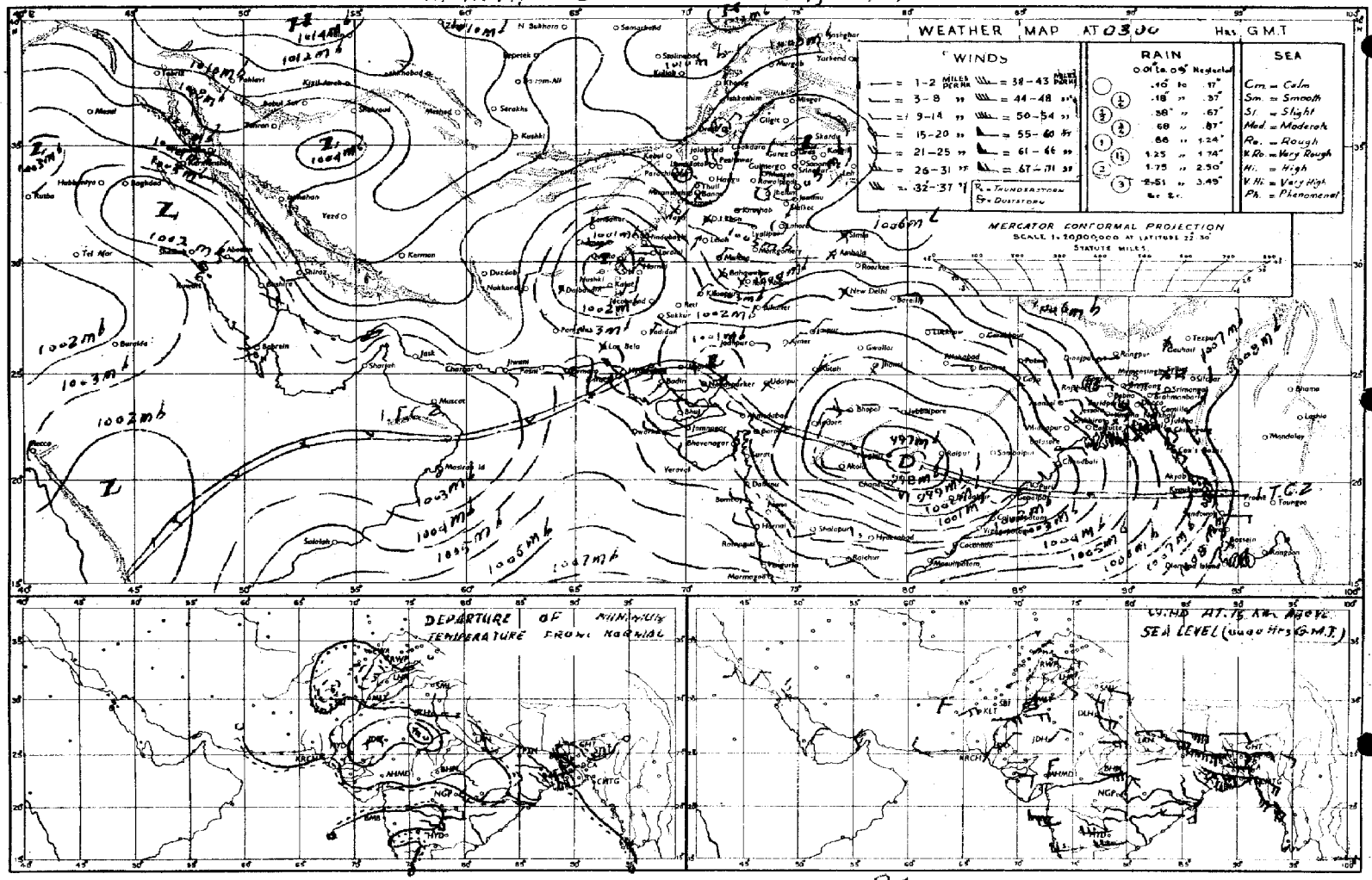
SUNDAY 7th SEPTEMBER 1969



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

PAKISTAN DAILY WEATHER MAP

MONDAY 8th SEPTEMBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 9th SEPTEMBER 1969.

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

Yesterday's morning depression moved northwestwards and was centred at 08,1200 G.M.T. above to Pachmari. Observations lacking but belive it remained practically stationary there after and is centred at 09,0300 G.M.T. above to Hoshangabad. It is likely to move in a north north west direction and weaken. A low pressure area has developed over Saurashtra and adjoniing areas. Rain/thundershowers have been fairly widespread in Khulna division and scattered in Chittagong and Rajshahi division. The seasonal trough of low pressure lies over Quetta and D. I. Khan division. Scattered rain/thundershowers have occurred in Rawalpindi division and a few falls of light rain in Peshawar and Khairpur divisions.

Chief amounts of rainfall are:- Rangamati 1", Khulna ½" and Jhelum ¼".

Day temperatures were 6--11 °F (3—6 °C) above normal in Hyderabad division and 3--6 °F (2—3 °C) so in Chittagong, Dacca and Rajshahi division and were 3—5 °F (2—3 °C) below normal in Khulna, Lahore, Multan, Bahawalpur, Peshawar and Kalat divisions.

Forecast valid until the evening of 10th September 1969 : — Local rain/thundershowers are likely to occur in Dacca and Rajshahi divisions and scattered elsewhere in East Pakistan and in Lahore, Rawalpindi, Hyderabad and Karachi divisions.

Karachi-11
The 9th September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISION 1	STATIONS 2	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR 3	Past weather commenced at † Wt 4	Total cloud amount N 5	Wind direction in tens of degrees dd 6	Winds speed in Knots ff 7	Horizontal visibility † VV 8	Present weather † ww 9	Past weather † W 10	Sea level pressure (mbs. and tenths) ° PPP 11	Dry Bulb temperature ° TT 12	Amount of Lowest Cloud † Nh 13	Low Clod from † CL 14	Height of Lowest Cloud † h 15	Medium Cloud form † CM 16	High Cloud from † CH 17	Dewpoint temperature °F TdTd 18	Maximum temperature °F TxTx 19	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR 20	Past weather commenced at † Wt 21	Total clud amount N 22	Wind direction in tens of degrees dd 23	Wind speed in konts 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	Amounts of Lowest Cloud † h 30	Low Cloud form † CL 31	Height of Lowest Cloud † h 32	Medium Cloud form † CM 33	High Cloud form † CH 34	Dewpoint temperature °F TdTd 35	Minimum temperature TnTn 36	Departure from Normal of: Maximum temperature TxTx 37	Minimum Temperature TnTn 38	Rainfall: Since 1st June, 1969 to-date 39	Departure from normal 40	Since 1st January, 1969 to-date 41	Annual Normal 42
Chittagong	Rangamati	023	3	7	18	02	97	92	9	040	78	5	8	5	7	/	77	97	073	9	5	13	02	98	03	9	075	82	3	4	6	7	2	72	73	—	—	83.5	—	90.0	—
	Cox's Bazar	000	0	4	5	12	96	01	1	030	82	2	2	5	3	1	76	87	...	...																+ 1					140
	Chittagong	005	4	7	18	15	96	02	6	026	85	5	4	4	3	0	77	91	008	4	7	13	07	96	02	6	064	84	4	8	4	7	0	77	77	+ 4	+ 1	42.2	—27.8	95.4	108
	Maijdee Court	000	9	5	18	02	96	02	2	076	85	2	1	5	4	0	76	87	...																	+ 1					115
	Comilla	000	0	5	13	05	96	02	2	030	87	5	4	5	0	0	78	90	000	0	4	13	05	96	02	/	057	87	4	4	7	0	0	75	81	+ 2	+ 4	75.2	+19.4	94.4	94
	Brahmanbaria	056	5	4	18	04	97	03	9	028	87	2	4	5	0	4	76	90	..																	—					78
	Sylhet	000	0	6	00	00	96	03	2	016	87	4	5	5	2	1	77	91	005	1	4	03	12	96	50	2	062	81	2	3	5	2	/	75	73	—	—	110.3	—	138.2	—
	Srimangal																																								98
Dacca	Mymensingh	000	0	4	00	07	97	02	1	027	87	4	4	4	0	0	78	91	000	0	6	00	00	96	02	1	066	87	6	5	4	0	0	79	79	+ 3	+ 1	—	—	—	91
	Narayanganj	000	0	3	13	03	96	02	1	018	87	2	6	6	3	1	78	87	000	0	6	13	05	97	03	2	056	87	4	6	5	3	/	77	81	— 2	+ 2	39.7	— 2.4	63.1	74
	Dacca (Tezgaon)	000	0	2	13	05	97	01	0	021	85	2	2	6	4	0	76	93	000	0	4	13	09	97	02	8	042	84	3	8	4	4	0	75	81	—	—	42.0	—	53.0	—
	Faridpur	005	0	2	16	02	97	01	5	019	82	2	4	6	0	0	77	87	005	0	8	11	09	96	02	2	049	84	6	4	5	1	0	79	79	— 1	0	—	—	—	71
Khulna	Barisal	012	8	6	18	07	96	02	2	020	85	4	6	4		2	77	87	012	9	8	13	05	97	02	2	051	81	6	4	4	2	0	79	79	— 1	+ 1	—	—	—	81
	Khulna	050	6	7	00	00	97	03	0	002	82	0	2	4	0	0	73	86	000	0	2	00	00	97	03	0	013	85	2	0	2	4	0	//	79	— 2	+ 1	—	—	—	68
	Satkhira	000	0	6	8	03	97	00	1	996	82	2	3	9	0	1	80	85	015	/	6	18	83	97	00	1	998	84	2	3	9	0	1	81	79	— 4	+ 1	37.0	— 3.3	42.2	65
	Jessore	000	6	4	13	07	97	01	6	010	80	3	9	4	4	0	77	87	007	1	6	18	//	97	02	6	041	84	6	5	4	3	0	79	79	—	—	34.6	— 3.6	43.0	65
Rajshahi	Pabna	...																..	015	4	4	05	05	98	03	6	041	84	4	8	6	0	0	77	79		—	—	—	—	59
	Sirajganj	000	0	2	18	02	97	01	1	027	85	2	2	6	0	0	78	90	000	0	6	13	02	98	03	2	057	84	6	2	6	0	0	75	81	+ 2	+ 3	34.6	— 4.0	42.3	64
	Rajshahi	000	0	6	13	03	96	03	1	013	85	4	5	5	2	1	78	90	000	0	6	09	05	95	03	/	048	82	6	5	5	/	/	77	79	+ 2	+ 1	35.6	—	61.2	—
	Bogra	000	0	6	13	03	96	02	2	017	86	5	4	4	0	1	76	90	000	0	4	19	03	96	03	1	050	84	2	5	5	7	1	79	81	+ 1	+ 3	33.7	— 9.1	44.7	69
	Dinajpur	000	9	3	09	02	96	01	1	005	90	3	0	9	2	0	78	91	008	3	4	03	02	96	01	1	050	87	4	0	9	2	1	76	78	+ 2	0	—	—	—	72
	Rangpur	000	0	3	00	00	96	01	1	019	86	2	2	6	1	0	77	93	000	0	0	09	05	96	01	0	055	90	1	0	9	/	0	79	79	— 5	+ 1	—	—	—	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	5	05	02	96	02	1	074	90	4	4	9	3	0	76	93	000	0	0	00	00	96	05	1	047	82	0	0	9	0	0	73	73	— 4	0	12.5	— 1.0	17.1	19
	Sialkot																																								32
Rawalpindi	Jhelum	000	0	1	13	02	97	02	0	003	90	1	1	7	0	0	72	93	020	2	7	31	05	97	95	9	069	73	5	9	6	2	0	60	69	—	—	20.1	—	28.4	—
	Islamabad																																								—
	Rawalpindi	000	0	0	00	00	99	00	0	033	91	0	0	9	0	0	70	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1					36
	Campbellpur																																								—
Sargodha	Khushab	000	0	0	00	00	97	00	0	007	86	0	0	9	0	0	76	03	000	0	0	00	00	58	00	0	048	82	0	0	9	0	0	79	77	+ 2	— 2	3.8	— 5.6	7.2	15
	Sargodha	000	0	1	36	02	97	02	0	007	90	1	1	6	0	0	73	93	000	0	2	11	02	97	03	0	048	81	1	0	9	3	/	75	77	—	—	16.0	—	19.1	—
	Lyallpur	000	0	4	29	02	96	02	0	994	90	4	0	9	4	0	70	95	000	0	3	00	00	96	00	0	044	//	0	0	9	0	0	73	73	— 2	— 4	4.6	— 3.8	7.6	12
Multan	Sahiwal	000	0	4	02	02	97	03	0	001	95	4	0	5	3	0	70	96	000	0	0	09	02	99	02	0	035	86	0	0	9	0	0	75	81	— 3	+ 1	8.0	+ 3.5	11.0	10
	Multan	000	0	0	18	00	94	00	0	981	98	0	0	9	0	0	72	98	000	0	0	27	01	92	00	0	064	82	0	0	9	0	0	79	//	—	/	1.0	—	2.7	7
	Leiah																																								8
Bahawalpur	Khanpur	000	0	0	36	10	97	02	0	990	96	0	0	9	0	0	72	98	000	0	0	00	00	98	03	0	020	79	2	0	9	3	0	69	73	— 5	— 5	0.2	— 4.5	1.1	6
	Bahawalpur	000	0	0	02	//	96	00	0	001	95	0	0	9	0	0	//	96	000	0	0	00	00	96	00	0	034	81	0	0	9	0	0	75	73	— 5	— 4	0.7	— 3.5	2.0	6
	Fort Abbas	000	0	0	23	02	98	00	0	968	87	0	0	9	0	0	73	87	..	..	..	...	...	...	...	...	...	...	...	..	..	...	..	...	...	—					8
Peshawar	Chakdra	000	0	3	27	07	98	03	0	987	87	2	2	7	0	4	68	91	003	0	0	05	03	98	02	0	004	73	0	0	9	0	0	60	64	—	—	3.2	—	12.4	—
	Peshawar	000	0	1	36	02	98	03	0	009	91	1	9	6	3	1	62	93	003	0	0	36	02	97	02	0	055	79	0	0	9	0	0	65	69	— 3	— 5	4.6	+ 0.8	13.5	11
	Haripur																																								—
D. I. Khan	Bannu	..		...	..		..	...	...			...			..			...	000	0	0	05	01	99	00	0	043	75	0	8	9	0	8	69	73	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	010	96	0	0	9	0	0	68	98	000	0	0	00	00	98	00	0	///	82	0	0	9	0	0	73	77	/	— 1	1.6	— 3.4	4.1	9
Quetta	Sibi	000	0	6	18	03	97	03	1	984	96	4	0	9	4	2	72	07	000	0	4	00	00	97	03	1	020	87	2	2	9	4	0	68	86	0	—	0.2	—	0.2	3
	Nokkundi	000	0	0	31	05	96	02	0	984	98	0	0	9	0	0	41	00	000	0	0	36	12	97	02	0	030	80	0	0	9	0	0	34	72	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	13	02	96	00	0	875	09	0	0	9	0	0	51	09	000	0	0	13	02	96	00	0	940	79	0	0	9	0	0	68	72	—	— 1	0.2	—	0.2	—
	Jiwani	000	0	0	18	10	96	02	0	018	85	0	0	9	0	0	75	88	003	0	3	00	80	96	03	4	044	79	3	6	5	0	0	76	75	—	—	0.0	—	2.0	5
	Pasni	000	0	0	25	08	99	02	0	013	85	0	0	0	0	0	74	88	000	0	0	25	06	95	02	0	047	76	0	0	0	0	0	76	62	— 2	— 10	0.0	— 0.9	0.0	6
Karachi division	Ormara	000	0	1	27	16	96	03	3	009	83	1	6	6	0	0	79	87	003	0	2	27	10	96	02	2	035	79	2	6	6	0	0	75	15	—	—	0.0	— 0.8	0.6	6
	Lasbela	///	0	3	00	00	98	00	0	980	10	0	0	9	0	0	83	12	000	0	6	00	00	58	00	0	026	79	0	0	8	0	0	74	71	—	—	0.7	—	0.7	8
	Karachi (Manora)	000	0	4	27	05	97	03	0	000	83	0	0	9	5	0	77	84	...	...																— 1					8
	Karachi (Airport)	000	0	6	29	10	96	03	1	996	92	6	5	5	0	0	73	96	000	0	6	27	05	96	03	/	029	82	6	0	9	3	0	75	78	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar	000	0	6	05	02	97	02	0	057	05	0	6	6	0	0	72	05	000	0	6	05	02	97	02	0	050	87	8	6	6	0	0	79	80	—	—	0.1	—	0.1	—
	Chhor	000	0	6	05	09	96	02	2	965	04	6	6	6	0	0	70	08	000	0	2	00	00	96	03	0	007	93	0	0	9	0	1	71	80	—	—	0.2	—	0.3	7
	Hyderabad	000	0	7	36	02	97	03	1	902	99	2	0	9	0	8	72	03	...	...	...	...	..	...	..	...	...	...	..	...	..	..	..	...		+ 6					9
	Badin	000	0	0	31	08	96	02	0	031	04	0	0	9	0	0	71	05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 11					—
Khairpur	Padidan	000	0	2	36	05	95	05	0	989	01	2	0	9	3	0	67	03	000	0	0	27	02	96	02	0	022	84	0	0	9	0	0	73	80	—	—	0.8	—	0.8	4
	Nawabshah	008	3	7	05	07	95	03	5	987	95	7	0	9	2	0	75	03	008	0	0	00	00	96	02	0	025	85	0	0	9	0	0	76	80	—	—	1.1	—	1.1	—
	Sukkur	000	0	0	23	05	95	05	4	989	99	0	0	9	0	0	71	00	000	0	0	13	02	96	02	0	021	88	0	0	9	0	0	73	83	—	—	0.1	—	0.1	4
	Kashmore	000	0	6	05	03	97	03	4	001	95	0	0	9	0	6	73	97	...																...	—					20
	Jacobabad	000	0	0	13	10	96	06	0	992	99	0	0	9	0	0	75	03	080	0	0	36	02	96	01	0	030	87	0	0	9	0	0	75	83	0	+ 4	0.5	— 1.7	0.8	26
Junagadh	Veraval																																								—
	HILL STATIONS																																								
Kashmir	Srinagar *																																								71
	Gulmarg **																																								26
	Sonamarg **																																								3
	Dras **																																								6
	Leh **																																								—
	Skardu *																																								—
	Misgar **																																								5
	Aliabad *																																								59
	Gilgit *																																								
Rawalpindi	Murree *	000	0	3	36	03	98	01	1	450	68	3	1	4	0	0	58	75	003	2	5	27	03	98	02	9	473	64	3	1	4	0	0	51	56	0	+ 1	15.7	—16.6	33.7	18
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	..		...	...	000	0	0	00	00	98	03	0	485	64	0	0	9	0	0	45	60	—	— 7	2.5	—	13.7	29
	Cherat *	000	0	0	00	00	98	00	0	461	80	0	0	9	0	0	60	82	090	0	0	00	00	98	00	0	458	73	0	0	9	0	0	58	//	— 3	/	3.1	— 8.0	13.4	—
	Kakul *	000	0	0	36	03	98	01	0	484	79	0	0	9	0	0	64	84	003	0	3	31	02	99	01	0	447	69	3	2	4	0	0	60	64	—	—	14.2	—	25.0	—
	Landikotal *	000	0	6	05	05	98	03	0	331	84	6	7	6	/	/	82	89	000	0	0	31	05	98	02	0	381	73	0	0	9	0	0	//	59	—	—	2.2	—	12.6	29
	Prachinar *	000	6	/	//	//	98	12	6	445	77	5	9	6	0	0	51	78	003	0	0	00	00	98	02	0	480	69	0	0	9	0	0	47	60	— 5	— 2	59.2	—	16.8	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	399	90	0	0	9	0	0	38	90	000	0	0	05	05	99	00	0	463	79	0	8	9	0	0	60	73	—	—	0.5	— 3.4	2.0	11
	Wana *	000	0	3	13	04	98	03	3	455	82	3	2	8	0	0	60	86	003	0	0	00	00	99	00	0	462	69	0	0	9	0	0	51	62	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman *	000	0	5	27	05	96	05	1	438	80	3	4	7	2	0	46	86	000	0	0	00	00	97	02	0	458	//	0	0	9	0	0	65	65	— 8	— 3	2.2	— 1.6	6.4	—
	Hindubagh *	000	0	7	25	03	93	03	0	408	85	7	1	6	0	0	42	87	000	0	0	23	02	96	02	0	458	65	0	8	9	0	0	29	55	—	—	2.7	—	6.0	9
	Loralai *	000	0	8	18	02	98	01	0	385	90	0	1	8	0	8	65	93	000	0	0	18	02	98	00	0	395	65	0	0	9	0	0	55	49	—	—	0.6	—	0.6	—
	Barkhan *																																								14
	Harnai *	000	0	0	00	00	96	02	0	427	93	0	0	9	0	0	57	95	000	0	0	00	00	96	02	0	454	80	0	0	9	0	0	65	//	—	/	4.0	— 3.1	5.6	9
	Samungli (Quetta) *	000	0	3	27	05	96	01	0	435	88	3	4	6	0	0	90	89	000	0	0	00	00	96	05	0	473	60	0	0	9	0	0	55	52	—	—	0.5	— 0.5	3.1	8
	Chaman *	000	0	0	27	03	97	00	0	446	91	0	0	9	0	0	51	93	000	0	0	03	03	97	00	0	460	71	0	0	9	0	0	52	66	0	0	2.1	+ 2.0	4.8	—
	Nushki *	000	0	0	27	03	97	02	0	513	95	0	0	9	0	0	62	96	000	0	0	00	00	97	02	0	519	78	0	0	9	0	0	38	73	—	—	0.5	—	2.6	4
	Dalbandin *	000	0	0	23	05	96	02	0	441	90	0	0	9	0	0	32	00	000	0	0	00	00	97	02	0	454	70	0	0	9	0	0	23	00	— 1	—	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	5	34	02	96	02	1	469	78	0	0	9	0	0	68	82	003	0	0	16	02	97	02	0	464	63	0	0	9	0	0	51	52	— 3	+ 1	0.8	— 0.3	2.2	—
	Khuzdar *	000	0	6	31	05	97	03	0	229	88	6	5	6	0	0	61	93	...	..	..	..	...	...		--	...		...	...		...	...	...	...	—					5
	Panjgur *	000	0	0	00	00	96	02	0	452	96	0	0	9	0	0	40	98	000	0	0	00	00	96	02	0	457	70	0	0	9	0	0	35	60	+ 2	— 7	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

TUESDAY THE 9th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_at_a	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Guild Ford	99 1 48	10 7 03	07 0 63	62 2 74	98 0 52	09 8 26	68 3 00	13 2 14			00 8 23	12 6 88	30 2 03	24 7 08
Citoritira	99 2 45	10 6 64	08 0 63	02 2 04	98 0 10	04 3 26	00 9 00	14 5 10			00 4 23	12 8 00	...	...

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
		PoPoPo ToToTo DoDo	hhh TTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	002 256 09	...	420 176 12	103 108 44	583 041 27	156 139 37	969 279 66	247 505 //	...	...	...	...	...
Dacca ...	00 00	002 290 40	...	400 196 46	106 118 59	586 025 58	760 121 58	975 257 62	262 491 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	998 290 35	...	510 264 15	097 120 81	581 035 01	757 085 //	976 205 //	263 421 //	...	...	...	...	...
Multan ...	00 00	987 976 38	...	450 210 57	076 120 //	778 101 //	750 181 //	955 365 //		...	...	...	...	...
Peshawar ...	00 00	964 224 56	...	500 212 //	092 118 58	580 087 //	750 189 //	960 267 //	241 475 //	...	...	...	...	...
Quetta ...				...										
Sargodha ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT Ta DD								Max. Wind Speed	TROPOPAUSE	
		18	19	20	21	22	23	24	25	PmPmPm dmdm fmfmfm	PtTtPtTtTat	dt dt ft ft ft
16	17									27	28	29
Chittagong ...	00 00	900 196 21	880 154 22	600 036 44	350 207 50	...	..	...	...	...	...	...
Dacca ...	00 00	900 224 50	800 179 58	600 054 30	350 181 61	...	..	...	...	...	...	...
Gilgit ...												
Jiwani ...												
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...
Quetta ...												
Sargodha ...	00 00	MISDA	...	..	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds tens and units of millibars.
DD—Dew point depression.

hhh—(heights) - Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	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
Bogra ...	160 15	140 12	160 10	120 20	...	...	...	...	...	115 15	110 12	...	...	...	...	120 21	120 17	12. 22	130 36	130 35	...	...	...	...	...	...
Chakla'a ...		125 01	205 01	295 01	185 01	320 10	290 15	270 16	275 17	...	110 17	135 15	...	...	...	...	080 03	085 0	450 //	309 //	020 06	/15 / /	260 10	285 09	...	...
Chhor ...	030 17	302 01	020 27	...	...	...	...	...	...	090 09	080 08	070 08	055 05	050 04	010 05	055 01	050 //	020 15	101 05	053 13	200 05	400 8/	..	...	...	...
Chittagong ...	165 18	165 27	150 31	140 25	250 25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	145 17	145 21	145 17	140 24	130 21	...	...	...	...	151 //	135 15	151 97	135 11	180 26	135 1/	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	160 12	160 15	140 12	170 15	120 20	130 12	...	...	...	...	...	...	...	...	...	135 17	135 18	152 01	140 25	...	...	...	...	...	...	...
Dalbandin ...		...	250 03	255 04	250 06	266 07	240 09	300 16	305 29	...	...	110 51	050 08	050 15	020 17	...	...	075 11	041 01	070 10	190 02	165 05	010 18	360 20	...	...
D. I. Khan ...	030 04	010 54	010 05	015 05	300 06	260 04	...	...	...	075 05	150 06	165 05	010 03	090 04	070 02	170 07	165 06	110 05	095 06	095 05	350 04	350 17	330 07	295 09	...	...
Dreah ...	..	...	...	...	...	...	...	...	...	...	...	...	240 02	270 02	290 01	...	...	...	...	...	...	...	...	...	...	...
Fore Sandeman ...	...	...	...	085 10	105 07	335 05	...	...	...	...	...	...	195 02	245 01	295 08	...	...	...	270 01	180 02	325 12	335 09	295 06	250 04	...	...
Jacobabad ...	115 10	125 07	145 04	170 05	180 03	245 04	300 09	...	...	075 15	080 10	085 15	065 07	050 04	300 //	070 09	080 10	070 12	070 12	350 09	355 15	035 14	071 01	065 09	...	...
Jessore ...	140 15	140 30	140 25	170 30	120 25	130 25	...	...	...	130 19	152 0/	150 16	140 15	135 16	125 24	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	170 03	230 03	265 02	295 02	255 04	310 16	305 12	270 17	230 23	100 06	110 06	205 05	250 08	320 13	320 13	350 01	350 18	325 12	300 5/	370 09	330 09	340 18	/// //	330 19	...	...
Jiwani ...	155 08	050 04	360 01	285 05	280 06	355 08	360 14	350 12	345 09	255 03	275 05	320 05	315 05	345 02	070 03	325 02	045 07	045 10	345 08	320 03	355 14	015 12	..	345 15	...	...
Karachi ...	330 09	345 11	015 11	025 13	360 08	...	...	...	...	...	...	...	...	...	...	335 08	025 06	085 05	345 04	355 07	030 12	040 04	...	...	...	...
Khanpur ...	015 27	020 19	025 20	305 14	040 13	025 17	360 25	240 53	345 29	025 11	023 13	020 13	350 17	340 75	301 //	042 31	045 18	045 19	045 31	040 25	035 33	200 34	010 12	...	...	...
Lahore ...	130 01	095 81	080 03	120 03	005 02	055 CB	355 23	345 20	315 22	145 03	095 05	075 06	090 07	080 08	015 07	010 02	010 07	025 06	078 07	065 08	010 04	270 08	...	...	...	...
Multan ...	050 07	030 08	031 13	020 15	355 15	240 07	005 C9	...	300 10	140 13	100 06	045 06	045 10	005 06	030 08	080 55	080 15	070 17	070 1/	050 2/	040 27	310 30	010 21	285 59	...	...
Nawab Shah ...	028 10	020 12	025 16	...	...	...	...	...	...	050 12	045 08	334 5/	330 //			005 04	360 07	355 12	360 20	025 15	050 18	040 25	...	...	...	...
Panjgar ...	...			340 10	/// //														335 04	005 11	095 07	005 07	340 89	330 15	320 22	330 20
Peshawar ...	...	055 04	015 03	360 04	325 08	255 12	305 22	295 15	280 15	...	335 09	/// //	230 07	230 06	28/ 12	...	015 08	335 08	320 04	295 10	290 20	325 09	285 03	265 04	...	...
Quetta ...					180 10	190 10	...	...	...											270 04	270 02	240 08	009 02	251 //	...	...
Sargodha ...	040 05	070 02	020 02	040 05	360 05	330 10	...	...	...	145 01	145 04	145 8/	202 08	025 05	320 09	105 04	095 08	/85 08	045 18	015 12	/10 15	3/5 /8	201 5/	230 08	...	...
Sylhet ...	280 11	275 09	270 07	235 08	195 05	135 07	...	...	...	090 05	075 03	180 03	290 06	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	120 23	130 15	135 21		125 21	...	110 14		070 05	...	...	...	...	...	...	...	...	...
Karachi ...	315 13	335 10	010 15	010 11	355 05	040 10	033 20	350 14	340 14	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

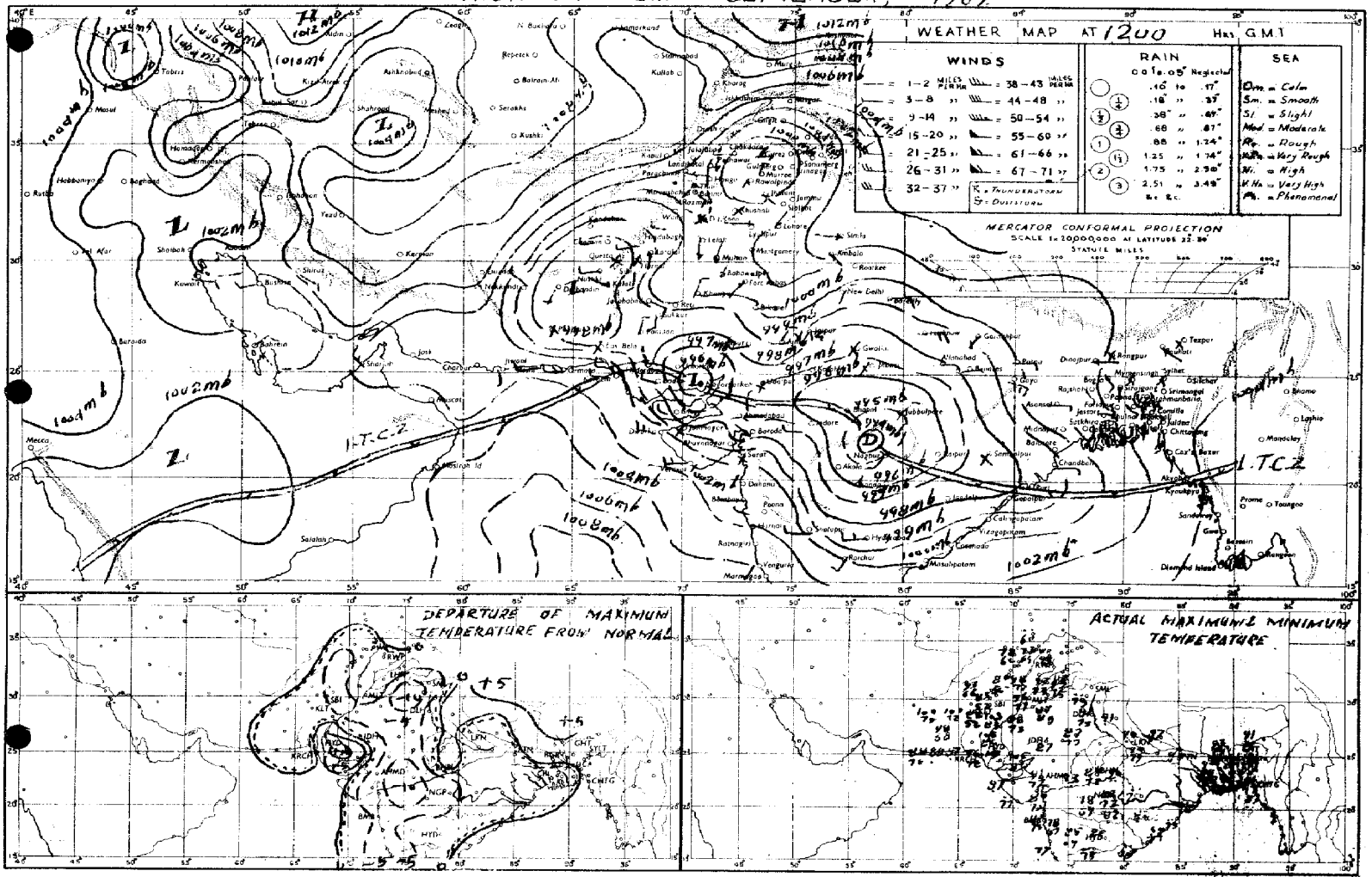
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
ff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre, Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

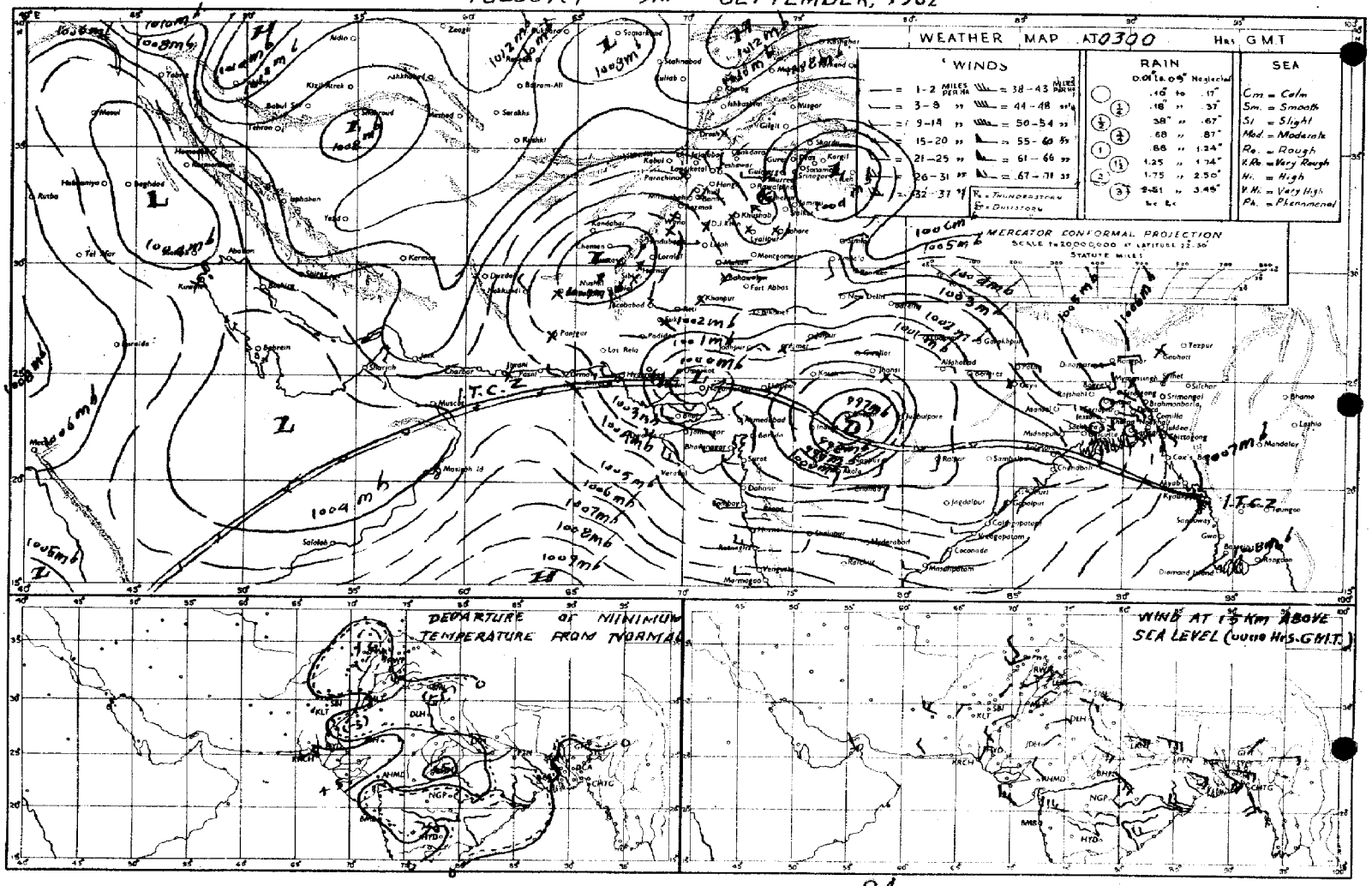
MONDAY 8th SEPTEMBER, 1964



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 9th SEPTEMBER, 1962



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY THE 10th SEPTEMBER 1969.

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

Yesterday's morning depression weakened and lay at 09,1200 G.M.T. as a well marked low pressure area over Madhya Bharat. Observations lacking but believe it persists over Madhya Bharat this morning with its trough extending to Saurashtra monsoon was moderate over east Pakistan and caused fairly widespread rain/thundershowers in Dacca division, Chittagong division and Khulna division and scattered in Rajshahi division. The seasonal trough of low pressure lies over Quetta and D. I. Khan divisions. A few thunderstorms/light showers occurred in Rawalpindi division.

Chief amounts of rainfall are:- Sylhet 3", Srimangal (upto 1200Z) and Faridpur 1" each, Khulna 3/4", Brahmanbaria, Bogra and Sirajganj ½" and Mymensingh and Narayanganj ¼" each.

Day temperatures were 6—11 °F (3—6 °C) above normal in Hyderabad division and 3—6 °F (2—3 °C) so in Chittagong, Rajshahi, Sargodha, Quetta and Kalat division and were 3—6 °F (2—3 °C) below normal in Dacca, Lahore, Bahawalpur, Peshawar and D. I. Khan divisions.

Forecast valid until the evening of 11th September 1969 :—Scattered rain/thundershowers are likely to occur in East Pakistan and in Lahore, Rawalpindi, Khairpur and Hyderabad divisions.

Karachi-11
The 10th September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISION	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	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 from †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud from †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths) °	Dry Bulb temperature	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	h	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	002	1	7	13	02	96	21	9	040	82	5	8	5	7	/	77	90	002	0	3	18	02	98	03	1	068	86	2	3	4	4	1	77	75	—	—	83.6	—	90.0	—
	Cox's Bazar	000	0	7	15	08	96	02	2	029	82	6	4	4	2	2	76	85	000	0	7	09	07	97	03	2	074	83	4	5	4	4	1	77	77	—	1	—	—	—	140
	Chittagong	000	0	7	18	08	96	03	2	048	85	3	4	5	3	2	77	90	000	0	4	13	10	96	02	1	076	86	1	1	5	3	1	75	77	+ 3	+ 1	42.2	—28.2	95.4	108
	Maijdee Court	010	9	8	18	02	96	03	6	072	85	5	5	5	1	0	77	86	000	7	8	18	02	96	03	2	065	83	5	5	5	2	1	77	76	0	—	—	—	—	115
	Comilla	000	0	4	13	05	96	02	2	078	85	5	4	5	0	0	77	90	000	0	3	18	05	96	02	0	067	85	2	0	0	0	0	76	77	+ 2	0	75.2	+19	94.4	94
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	18	03	97	03	1	053	81	4	5	5	0	0	77	/	—	—	—	—	—	78
	Sylhet	000	0	7	13	05	97	02	2	029	87	6	3	4	3	1	77	91	285	3	7	05	05	96	60	9	082	/ /	5	5	4	7	/	77	76	—	—	113.2	—	141.1	—
	Srimangal	099	9	6	00	00	96	02	9	011	86	3	8	5	2	1	80	91	008	9	5	/ /	00	56	02	9	070	78	2	5	9	1	9	/ /	68	—	0	—	7	—	—	98
Dacca	Mymensingh	000	0	0	00	00	96	00	0	021	87	0	0	9	0	0	76	90	045	4	8	09	02	98	02	6	055	83	8	0	7	4	0	77	77	+ 2	—	35.1	—18.5	32.7	91
	Narayanganj	000	0	8	13	02	96	03	2	022	86	8	6	3	/	/	77	86																		—	3				74
	Dacca (Tejgaon)	000	7	6	13	09	97	03	2	018	85	5	9	4	4	0	76	87	002	9	7	13	05	96	61	6	069	85	7	8	4	7	8	77	79	—	—	42.0	—	53.0	—
	Faridpur	000	0	4	16	02	97	02	2	006	92	3	5	5	1	0	77	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2				71
Khulna	Barisal	000	0	8	18	03	96	03	3	021	80	5	4	4	1	0	77	86	000	0	7	09	02	97	02	2	064	83	5	3	4	2	0	79	79	+ 2	+ 1	—	—	—	81
	Khulna	000	0	2	13	05	97	03	0	011	85	0	2	4	0	0	/ /	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					68
	Satkhira	000	0	6	13	03	97	00	1	998	85	2	3	9	0	0	80	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					65
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						65
Rajshahi	Pabna	015	8	4	13	09	99	01	8	005	85	2	8	6	0	3	76	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					59
	Sirajganj	000	0	2	18	02	97	01	1	016	85	2	2	6	0	0	77	86	045	4	8	09	02	98	02	6	055	83	8	0	7	4	0	77	79	—	2	35.1		42.7	64
	Rajshahi	006	7	3	09	02	96	01	6	012	85	2	7	5	2	0	77	90																		+	2				
	Bogra	000	0	2	13	02	95	01	0	017	85	2	8	4	0	0	76	90	039	3	7	09	02	96	61	6	064	78	5	5	4	7	0	79	79	+	—	34.1	— 8.7	45.1	69
	Dinajpur	000	9	3	09	02	96	01	1	002	87	3	0	9	2	0	77	90	000	3	6	19	02	96	03	1	065	85	4	5	4	2	0	79	79	+	+	—	—	—	72
	Rangpur	000	0	3	11	02	96	03	0	017	87	2	2	6	1	0	78	93	000	0	6	09	02	96	03	1	045	88	3	5	6	2	0	79	/ /	+	—	—	—	—	84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
Lahore	Lahore (Jail Rd.)	000	0	2	36	02	96	01	0	991	91	1	5	6	3	0	72	92	000	0	4	00	00	96	02	0	048	82	3	4	6	3	0	77	75	—	4	12.5	— 1.1	17.1	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						32
Rawalpindi	Jhelum	025	7	1	00	00	99	01	9	982	90	1	1	7	0	0	67	91	005	0	0	05	05	97	02	0	045	81	0	0	9	0	0	69	69	—	—	20.2	—	28.5	—
	Islamabad	000	0	1	27	02	99	00	0	986	93	1	1	8	0	0	73	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	1				
	Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	1	00	00	99	00	0	049	75	0	0	9	0	4	68	69	—	2	—	—	—	36
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
Sargodha	Khushab	000	0	0	00	00	97	00	0	998	90	0	0	9	0	0	86	05	000	0	0	03	/ /	98	00	0	049	81	0	0	9	0	0	76	77	+	—	3.8	— 5.6	7.2	15
	Sargodha	000	0	1	05	09	97	02	8	989	93	1	1	6	0	0	78	96	000	0	1	05	03	97	03	0	044	82	1	0	6	8	0	75	75	—	—	16.0	—	19.1	—
	Lyallpur	000	0	0	00	00	96	00	0	988	93	0	0	9	0	0	70	96	000	0	0	00	00	96	00	0	040	79	0	0	9	0	0	75	75	—	1	4.6	— 4.0	7.6	12
Multan	Sahiwal	000	0	1	00	00	97	02	0	988	95	1	1	6	0	0	70	98	000	0	0	13	03	97	02	0	034	82	0	0	9	0	0	73	81	—	1	8.0	+ 3.4	11.0	10
	Multan	000	0	0	23	01	94	00	0	985	98	0	0	9	0	0	73	98	000	0	0	00	00	97	00	0	011	84	0	0	9	0	0	73	/ /	—	/	1.0	—	2.7	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
Bahawalpur	Khanpur	000	0	0	05	09	97	01	0	982	98	0	0	9	0	0	77	02	000	0	0	05	05	96	06	0	018	86	0	0	9	0	0	73	77	—	—	0.2	— 4.5	1.1	6
	Bahawalpur	000	0	0	00	03	96	00	0	983	93	0	0	9	0	0	72	95	000	0	0	00	00	96	00	0	031	82	0	0	9	0	0	73	79	—	6	0.7	— 3.5	2.0	6
	Fort Abbas	///	/	3	02	02	98	00	0	008	91	0	0	9	0	0	76	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				8
Peshawar	Chakdra	000	0	1	27	03	98	03	0	957	90	1	2	7	0	0	64	63	000	0	1	00	00	98	01	0	033	73	0	0	9	0	4	64	69	—	—	3.2	—	12.6	—
	Peshawar	000	0	1	36	03	97	02	0	978	93	0	3	6	0	0	60	93	000	0	1	31	04	97	02	0	045	79	0	0	9	0	0	68	73	—	3	4.6	+ 0.7	13.5	11
	Haripur	000	0	0	30	03	98	00	0	008	87	0	0	0	0	0	63	90	000	0	0	05	03	98	00	0	048	79	0	0	9	0	0	60	73	—	—	6.6	—	16.7	—
D. I. Khan	Bannu	000	0	4	18	02	99	02	1	983	93	3	2	7	0	7	82	96	060	0	0	00	00	99	00	0	032	81	0	0	9	0	0	73	75	—	—	0.6	—	4.5	9
	D. I. Khan	000	0	0	00	00	98	00	0	984	86	0	0	9	0	0	72	97	000	3	7	00	00	98	03	2	037	84	0	0	9	4	0	73	77	—	4	1.6	— 3.5	4.1	9
Quetta	Sibi	000	0	2	18	03	97	02	1	960	07	2	0	9	2	0	65	08	020	0	0	00	00	97	02	0	017	87	0	0	9	0	0	72	86	—	/	0.2	—	0.2	5
	Nokkundi	000	0	0	31	09	97	02	0	964	99	0	0	9	0	0	43	02	000	0	0	31	09	94	02	0	003	79	0	0	9	0	0	27	73	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	27	02	96	00	0	854	10	0	0	9	0	0	58	10	000	0	0	09	02	96	00	0	097	80	0	0	9	0	0	54	22	—	—	0.2	—	0.2	—
	Jiwani	000	0	0	22	02	96	02	0	998	89	0	0	9	0	0	79	89	003	0	0	31	03	96	01	0	016	79	2	4	5	0	0	76	77	—	—	0.0	—	2.0	8
	Pasni	000	0	0	25	22	97	02	0	994	86	0	0	0	0	0	79	92	000	0	0	31	04	95	04	7	028	76	9	0	0	0	0	76	62	+ 2	— 10	0.0	— 0.8	0.0	6
Karachi division	Ormara	900	0	1	27	16	96	02	2	999	82	1	6	6	0	0	81	85	003	0	4	27	07	96	04	4	025	78	4	6	6	0	0	77	15	—	—	0.0	— 0.9	0.6	6
	Lasbela	///	0	3	09	01	98	00	0	973	09	5	6	8	0	0	81	11	///	0	3	00	00	98	00	/	013	78	0	0	8	0	0	75	58	—	—	0.7	—	0.7	8
	Karachi (Manora)	000	0	5	27	09	97	03	0	993	82	5	4	6	3	0	74	84	000	0	4	31	07	96	03	0	017	78	2	6	4	2	0	74	77	—	1	1.0	— 4.7	1.1	8
	Karachi (Airport)	000	0	7	27	07	96	03	0	993	83	4	6	5	3	0	71	98	000	0	4	29	09	96	03	1	015	79	1	0	9	3	1	73	78	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar	000	0	6	05	03	97	02	0	057	05	2	6	6	0	0	72	85	000	0	6	05	02	97	02	0	020	86	0	0	6	0	0	86	86	—	—	0.1	—	0.1	—
	Chhor	000	0	4	05	13	96	01	1	952	06	4	6	6	0	0	61	07	000	0	3	05	05	96	03	6	018	90	3	0	9	3	0	69	85	—	—	0.2	—	0.3	7
	Hyderabad	000	0	3	31	06	97	02	1	971	01	0	0	9	0	0	68	03	000	0	6	36	02	97	03	2	009	89	0	0	9	0	0	72	86	+ 6	—	0.2	— 5.4	0.3	9
	Badin	000	0	0	36	04	96	02	0	891	04	0	0	9	0	0	85	05	000	0	0	31	03	96	02	0	333	81	0	0	9	0	0	79	79	+ 11	—	0.3	— 6.6	0.3	—
Khairpur	Padidan	000	0	1	36	05	96	03	0	974	01	2	1	7	0	2	68	03	000	0	0	05	05	97	02	0	010	86	0	0	9	0	0	71	78	—	—	0.8	—	0.8	4
	Nawabshah	000	0	5	09	14	96	03	1	977	99	2	5	6	1	0	73	05	000	0	4	36	02	96	03	/	017	84	0	0	9	0	4	75	81	—	—	1.1	—	1.1	—
	Sukkur	000	0	0	13	03	96	02	0	985	99	0	0	9	0	0	61	00	000	0	0	13	04	95	05	4	010	88	0	0	9	0	0	73	84	—	—	0.1	—	0.1	4
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	05	03	98	02	2	026	84	0	0	9	0	0	71	83	—	—	0.0	—	0.0	20
	Jacobabad	000	0	0	13	07	97	02	0	972	99	0	0	9	0	0	75	01	000	0	0	09	03	97	02	0	021	87	0	0	9	0	0	72	82	— 2	+ 3	1.0	— 1.7	0.8	26
unagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
Kashmir	HILL STATIONS																																								
	Srinagar **	...																																						71
	Gulmarg **	...																																						26
	Sonamarg **	...																																						—
	Dras **	...																																						3
	Leh **	...																																						6
	Skardu *	...																																						—
	Misgar **	...																																						5
	Aliabad *	...																																						59
	Gilgit *	...																																						
Rawalpindi	Murree *	080	2	5	09	03	97	02	9	435	68	5	8	3	0	0	59	72	000	0	0	00	00	98	00	0	472	62	0	0	9	0	0	54	56	+ 2	+ 1	15.7	—16.7	33.4	18
Peshawar	Drosh	080	0	1	29	07	98	02	0	400	87	1	1	7	0	0	35	94	000	0	0	00	00	98	02	0	474	65	0	0	9	0	0	47	65	+ 4	— 2	2.5	—	13.6	29
	Chitral	000	0	0	36	01	98	00	0	439	02	8	0	7	0	0	22	85	050	0	0	00	00	98	00	0	462	73	0	0	9	0	0	64	/ /	0	—	3.1	— 8.0	13.4	—
	Kakul	080	0	4	27	03	96	05	1	438	78	4	4	9	0	0	60	82	003	0	1	27	03	98	01	0	473	73	1	2	6	0	0	59	64	—	—	14.2	—	25.0	—
	Landikotal *	000	0	0	31	05	98	02	0	992	85	0	0	9	0	0	82	90	000	0	0	31	05	98	02	0	338	73	1	0	9	0	0	69	65	—	—	2.2	—	12.6	29
	Prachinar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	02	0	476	69	1	5	6	0	0	51	62	—	0	59.2	—	16.8	13
D.I. Khan	Miranshah *	000	0	4	05	05	97	02	9	438	90	4	0	7	0	0	59	91	000	0	0	05	05	99	00	0	472	81	0	0	9	0	0	60	75	—	—	0.5	— 3.5	2.0	11
	Wana *	000	0	2	13	03	99	03	3	442	80	2	2	8	0	0	58	87	000	0	0	00	00	98	03	0	464	73	0	0	9	0	0	60	64	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman *	000	0	1	00	00	97	02	0	416	89	1	1	7	0	0	26	90	000	0	0	00	05	02	97	02	0	454	75	0	0	9	0	0	58	68	— 4	—	2.2	— 2.6	6.5	—
	Hindubagh *	000	0	0	11	03	94	03	0	366	90	8	0	5	0	0	22	91	000	0	0	00	27	02	97	02	0	474	64	0	0	9	0	0	44	50	—	—	2.7	—	6.0	9
	Loralai *	000	0	0	27	02	98	00	0	390	92	0	0	9	0	0	65	94	000	0	0	27	02	98	00	0	398	65	0	0	9	0	0	65	48	—	—	0.6	—	8.6	—
	Barkhan *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						14
	Harnai *	000	0	0	00	00	96	02	0	454	80	8	0	9	0	0	65	//	000	0	0	00	00	96	02	0	419	71	0	0	9	0	0	67	//	/	/	4.0	— 3.1	5.6	9
	Samungli (Quetta) *	000	0	1	31	15	97	02	0	429	88	1	0	7	0	0	34	91	080	0	0	03	00	96	02	0	463	//	0	0	9	0	0	38	52	+ 3	— 5	0.5	— 0.5	3.1	8
	Chaman *	000	0	0	27	05	97	00	0	434	91	0	0	9	0	0	51	93	020	0	0	00	00	97	00	0	441	71	0	0	9	0	0	45	68	— 0	+ 2	2.1	+ 2.0	4.7	—
	Nushki *	000	0	0	27	06	97	02	0	513	96	0	0	9	0	0	64	97	000	0	0	07	07	97	02	0	502	83	0	0	9	0	0	43	75	—	—	0.0	—	2.6	4
	Dalbandin *	000	0	0	00	00	97	02	0	447	97	0	0	9	0	0	41	00	000	0	0	05	02	96	02	0	436	71	0	0	9	0	0	13	61	—	—	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	4	34	02	96	02	0	423	78	0	8	8	0	0	58	83	000	0	8	16	02	97	02	0	449	63	0	0	9	0	0	47	51	— 2	— 0	0.8	— 0.3	2.2	—
	Khuzdar *	000	0	2	27	02	97	01	0	414	94	2	5	6	0	0	09	09	003	0	0	00	01	96	02	0	441	76	0	0	9	0	0	57	73	—	—	1.8	—	3.2	5
	Panjgur *	000	0	0	36	02	96	02	0	436	96	0	0	9	0	0	52	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1				

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 10th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	iYYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_gt_R	8$N_sC_sh_s$	OT$_x$T$_x$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														
Seirdhana	99 2 42	10 6 26	09 0 63	02 5 05	58 0 20	05 3 27	00 0 00	23 1 01		80 0 C0	05 1 25		30 5 01	23 8 03
Chevronthe	99 2 37	10 5 95	09 3 63	22 0 04	58 0 20	04 8 58	00 4 01			0 / / 27	12 9 66		30 2 01	06 7 03
City of Gulford	99 1 87	10 6 27	90 0 33	32 7 25	58 0 20	06 0 26	31 3 00	13 6 10		..	05 1 23	12 6 50	30 2 03	24 7 08
City of Gulford	99 1 98	1 6 33	09 0 63	32 6 23	98 0 20	07 7 27	13 3 72	13 0 05		..	03 0 24	12 7 35	30 2 02	24 7 06

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo,ToToTo DcDo	hhh TTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	003 272 04	...	440 176 10	111 102 18	584 035 26	757 137 56	970 282 50	...	...	...	...	...	...
Dacca ...	00 00	003 284 23	...	450 194 58	109 990 03	580 029 59	759 121 61	974 267 68	254 491 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	996 300 32	...	430 224 35	184 144 / /	587 035 / /	760 131 / /	974 251 / /	259 401 / /	...	...	...	...	...
Multan ...	00 00	988 268 56	...	400 264 59	092 054 40	578 071 / /	750 121 / /	519 309 65	264 281 / /	...	...	...	...	...
Peshawar ...	00 00	963 240 56	...	400 220 56	060 120 57	578 057 / /	750 153 / /	023 309 64	251 395 / /	...	...	...	...	...
Quetta ...	00 00	817 200 72	...	...	057 088 / /	578 075 / /	075 139 / /	966 207 / /			...	...	...	...
Sargodha ...	00 00	991 220 56	...	500 194 58	152 090 56	584 081 / /	754 165 / /	966 281 / /	249 411 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD							Max. Wind Speed	TROPOPAUSE	
									PmPmPm dmdm fmfmfm	$P_tT_tP_tT_aT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 210 08	830 154 13	600 044 14	350 293 48	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 265 61	800 162 59	600 042 61	350 185 54	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...		...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bagra ...	145 23	135 22	135 27	135 27	135 34	...	...	...	...	110 19	125 17	12/ 17	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...
Chakla's ...		330 00	290 00	275 02	360 02	070 02	301 0/	005 04	285 18		120 04	125 06	245 01	345 05	290 06		155 02	200 03	305 06	350 07	030 03	020 12	030 09	330 11	...	...
Chhor ...	030 13	020 13	005 12	...	...	..	..	...	..	015 19	015 15	055 11	355 11	350 13	335 29	060 08	035 11	020 12	018 21	020 23	...	...	...	..	...	...
Chittagong ...	160 15	145 15	145 21	140 19	410 15	...	...	...	...							170 08	170 13	165 13	170 16	115 10	...	...	...	...	...	...
Cox's Bazar ...	170 15	170 17	170 16	170 15	175 23	...	...	...	...	145 13	145 20	155 21	171 22	...	...						...	...	...	...	...	...
Dacca ...	180 13	150 15	150 16	150 10	160 19	..	..	...	..	...	...	...	...	...	...	160 03	165 10	17 10	170 12	160 15	...	...	...	...	...	...
Dalbandin ...		...	290 03	285 04	090 02	080 03	220 18	320 29	...	...	...	040 04	090 09	085 09	080 09		..	090 11	105 15	112 09	135 03	360 09	030 16	355 17	...	...
D. I. Khan ...	190 03	165 05	155 05	151 01	115 12	115 04	290 18	295 29	300 40	170 12	170 13	171 10	185 07	180 05	065 05		...	...	...	...	...	...	...	...	...	...
Drosh ...		...	...	225 13	210 13	210 13	355 10	360 19	051 41	...	...	...	215 01	290 10	270 02	...	...	...	...	225 04	270 06	210 04	200 07	345 04	285 03	255 04
Fort Sandeman ...		...	...	020 02	260 02	265 06	280 17	320 10	310 17		...	...	065 04	300 01	360 06	...	...	...	035 06	030 08	085 08	355 08	350 12	340 11	...	...
Jacobabad ...	160 14	125 13	120 14	060 15	040 25	030 23	010 22	...	360 27	050 15	055 12	060 05	305 05	285 07	310 11										...	...
Jessore ...										160 17	170 17	175 13	175 16	175 15	170 18					360 06	040 05	200 00	020 10	350 07	...	...
Jhelum ...	320 02	230 04	245 09	355 09	020 07	005 09	331 04	355 09	245 09	195 6/	125 04	090 02	045 06	030 07	025 09	185 01	165 02	120 02	075 04	360 06	040 05	201 00	020 10	350 07	...	...
Jiwani ...	2.5 10	/20 04	220 02	280 08	285 10	340 19	360 10	360 15	360 18	220 09	295 10	288 12	...	...	...	235 02	1.0 11	190 02	248 06	330 04	015 12	005 07	340 08	320 12	...	...
Karachi ...	260 07	270 04	305 02	...	015 04											325 04	355 00	025 06	340 03	350 08	355 13	045 11	055 15	055 18	...	...
Khanpur ...	020 19	020 18	020 20	045 19	055 17	075 13	035 27	010 33	...	065 10	050 11	040 13	040 10	035 10	035 11	050 17	055 23	052 7-	045 42	035 45	015 39	020 43	...	...	030 35	...
Lahore ...	150 06	345 06	150 04	/40 02	200 57	320 07	/00 08	330 11	300 17	140 07	130 06	085 07	095 08	075 07	105 08	080 07	090 06	050 08	075 07	070 08	105 06	210 05	240 09	225 21	...	...
Multan ...	070 07	0/0 08	0/0 08	035 17	030 22	015 17	017 / /	310 20	315 24	110 09	085 07	060 08	040 06	340 06	...	080 06	075 09	080 12	080 17	040 22	010 25	010 2/	/// / /	015 17	...	...
Nawab Shah ...	325 07	350 14	340 07	...	...	...	...	...	...	030 11	015 09	345 10	325 09	010 08	015 17	040 05	360 09	010 09	10 11	035 11	035 15	085 13	...	...	...	...
Panjgur ...	...	...	...	311 40	340 07	010 09	130 08	095 03	085 11	...	...	...	085 03	345 11	345 17	...	...	...	050 08	050 07	060 06	075 03	040 07	005 08	...	...
Peshawar ...	...	005 03	290 02	240 05	270 08	340 11	350 72	330 11	345 19	...	325 10	300 06	/10 05	128 5/	150 24	...	270 12	215 16	330 82	/75 01	330 06	280 04	3L8 9/	/33 15	...	...
Quetta ...				270 06	270 06	2/0 04	315 03	310 09	8 9 02											250 03	280 04	260 08	240 12	225 14	...	...
Sargodha ...	105 04	095 0/	060 03	345 10	201 6/	320 21	335 11	275 17	285 17	205 06	135 06	060 04	015 08	325 13	270 15	080 03	095 03	090 04	040 10	/40 11	035 12	015 20	020 15	320 09	...	...
Sylhet ...	230 09	200 /7	/22 04	...	—	...	...	...	...	No	Ascent	...	...	...	...	130 03	145 04	150 03	110 01	110 03	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	110 19	135 19	140 19		140 12		145 28		185 21	...	...	...	...	...	...	...	...	...
Karachi ...	285 22	295 17	325 13	360 07	260 09	010 12	010 18	025 19	005 16	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

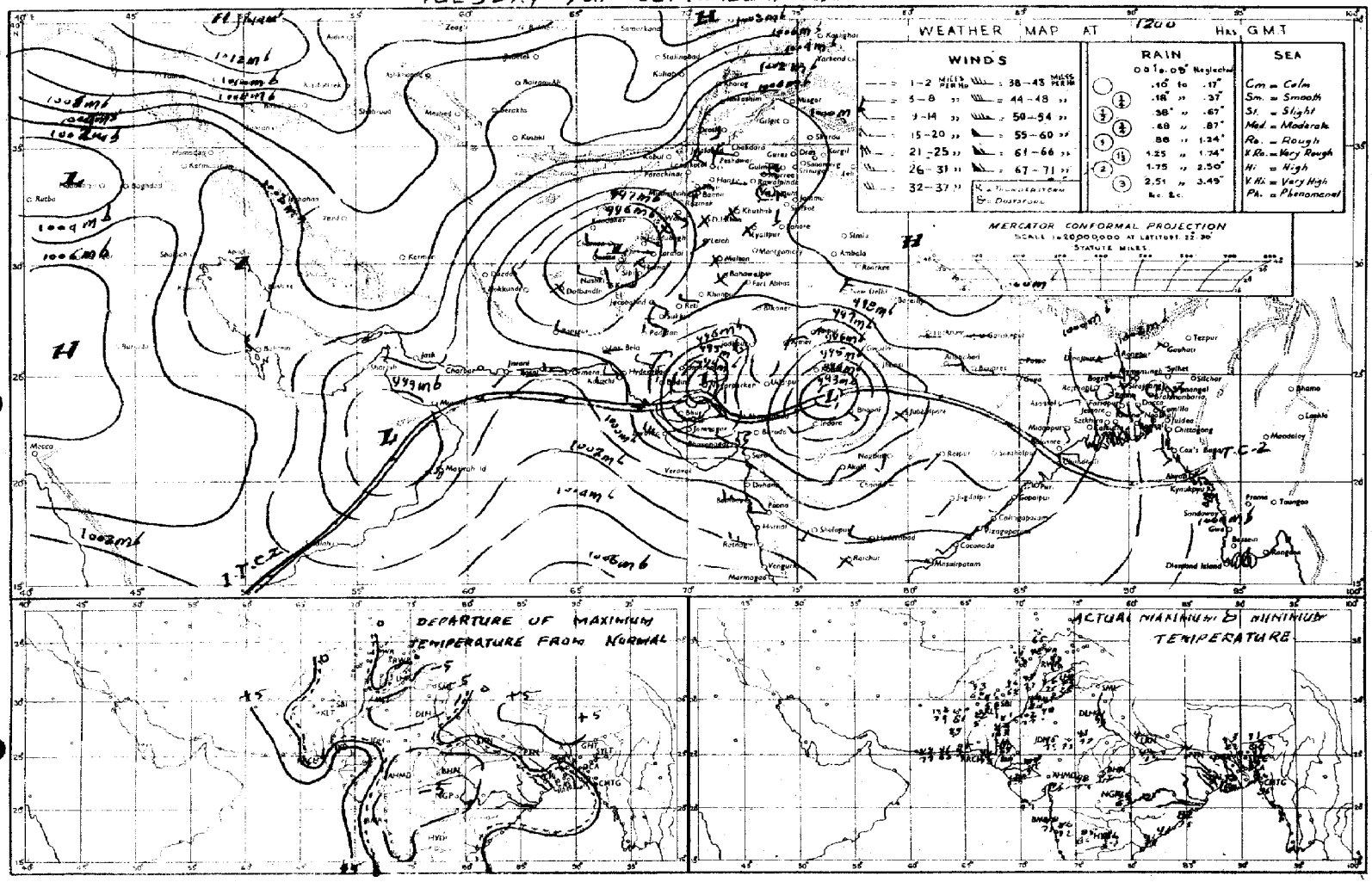
dd – Hundreds and tens of degree of wind direction rounded off to the nearest 5°
ff – Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorological Office, Weather Central Air Port, KARACHI-11

PAKISTAN DAILY WEATHER MAP

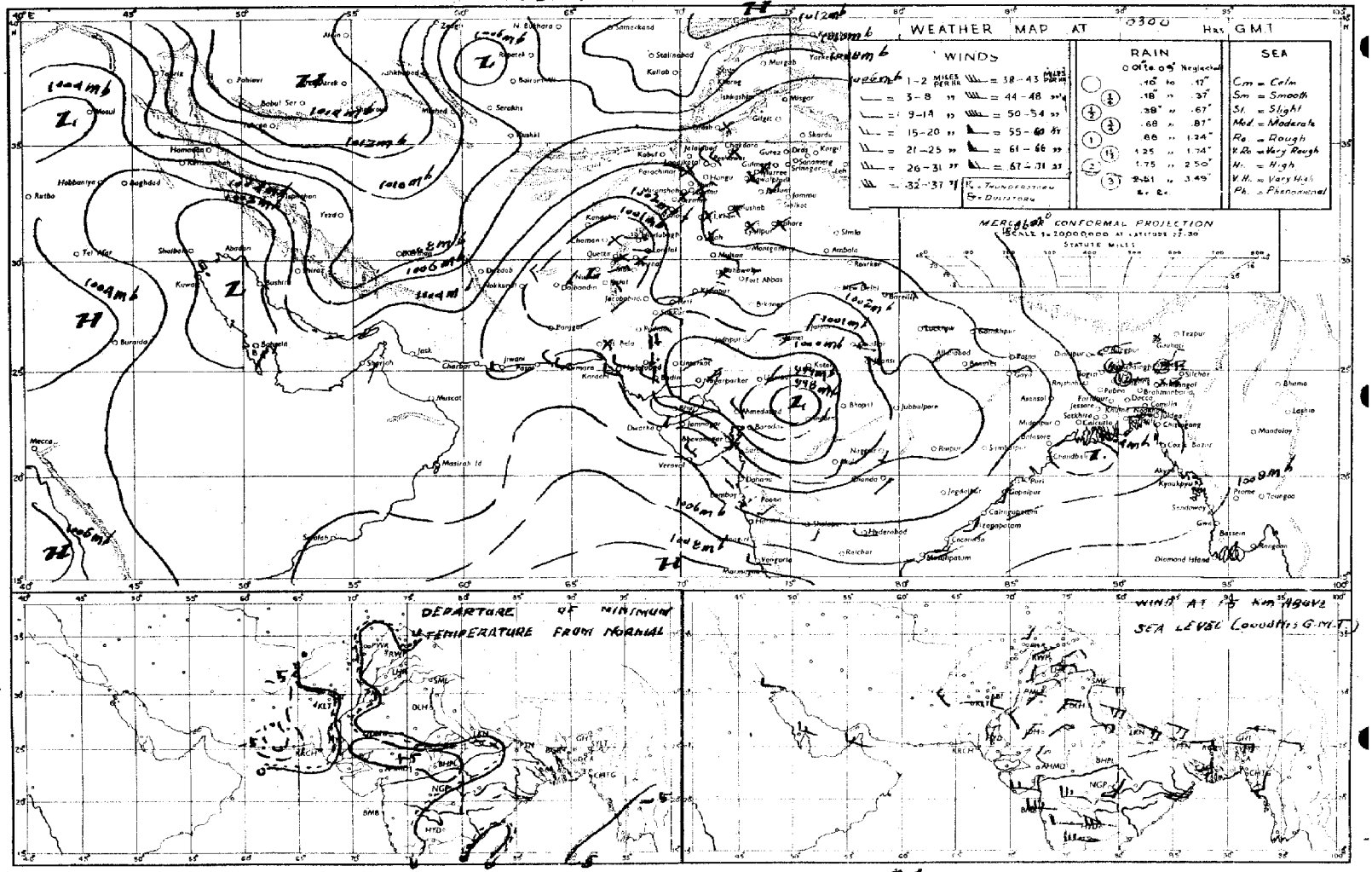
TUESDAY 9th SEPTEMBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 16th SEPTEMBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

THURSDAY THE 11th SEPTEMBER 1969.

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

Yesterday's well marked low pressure area over Madhya Bharat and its trough extending over Saurashtra persists. Monsoon remained moderate to active over East Pakistan and caused local rain or thundershowers in Rajshahi division and widespread to fairly widespread elsewhere in East Pakistan. A westerly low pressure wave which was lying over Afghanistan last evening is now passing across Peshawar division and adjoining areas. A seasonal trough of low pressure extends from Kalat division to Multan division, scattered rain has fallen in D. I. Khan and thunderstorms have occurred at a few places in Lahore division.

Chief amounts of rainfall are:- Satkhira 1½", Comilla, Sylhet, Pabna and Rajshahi 3/4" each, Maijdee Court, Srimangal, Narayanganj, Dacca and Jessore ½" each and Cox's Bazar, Khulna and Bogra (each upto 1200Z) and Rangamati, Mymensingh and Faridpur ¼" each.

Day temperatures were 8—9 °F (4—5 °C) above normal in Hyderabad division and 3—6 °F (2—3 °C) so in Rawalpindi, Peshawar, south Quetta and Kalat divisions and were 3—6 °F (2—3 °C) below normal in East Pakistan and in Lahore, Sargodha, Bahawalpur, D. I. Khan and north Quetta divisions.

Forecast valid until the evening of 12th September 1969 :— Fairly widespread rain/thundershowers are likely to occur in Chittagong and Dacca divisions and local elsewhere in East Pakistan. Scattered thunderstorms/showers are also likely to occur in Rawalpindi, Lahore, Sargodha, Multan, Khairpur and Hyderabad divisions.

Karachi-11
The 11th September, 1969.

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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

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

Divisions (1)	Stations (2)	RRR Rainfall in Cents (3)	Wc Past weather commenced at † (4)	N Total cloud amount (5)	dd Wind direction in tens of degrees (6)	ff Winds speed in Knots (7)	VV Horizontal visibility† (8)	ww Present weather † (9)	W Past weather † (10)	PPP Sea level pressure (mbs. and tenths) ° (11)	TT Dry Bulb temperature ° (12)	Nh Amount of Lowest Cloud † (13)	CL Low Clod from † (14)	h Height of Lowest Cloud † (15)	CM Medium Cloud form † (16)	CH High Cloud from † (17)	TdTd Dewpoint temperature °F (18)	TxTx Maximum temperature °F (19)
Chittagong	Rangamati	028	4	6	18	02	98	02	9	052	80	4	8	6	7	/	75	9!
	Cox's Bazar	023	6	6	18	06	9/	21	6	037	80	4	2	4	6	/	77	86
	Chittagong	000	9	7	13	06	96	02	6	040	80	4	3	4	3	1	77	90
	Maijdee Court	130	9	8	00	00	95	03	6	034	80	5	5	5	1	0	77	85
	Comilla	000	0	4	00	03	96	02	1	035	82	4	4	7	0	0	72	86
	Brahmanbaria	000	0	6	13	03	97	03	1	035	82	2	5	5	2	0	77	87
	Sylhet	002	9	6	00	00	96	02	2	034	85	4	5	5	3	/	79	87
	Srimangal	076	9	6	00	00	96	02	8	034	80	3	9	5	7	2	79	86
Dacca	Mymensingh	028	3	6	00	00	97	02	6	033	82	6	5	4	0	0	79	85
	Narayanganj	020	8	8	13	02	96	02	6	031	82	5	6	4	3	1	79	85
	Dacca (Tezgaon)	054	9	7	18	02	97	02	6	027	80	5	9	4	7	0	79	84
	Faridpur	019	5	7	18	02	97	02	6	018	80	5	5	1	0	0	77	86
Khulna	Barisal	000	0	8	00	00	96	02	2	029	80	5	4	5	0	2	79	85
	Khulna	025	4	4	00	00	97	03	0	021	82	7	4	4	0	0	79	90
	Satkhira	037	0	6	18	02	97	01	0	006	80	2	3	9	0	0	80	85
	Jessore	025	17	6	4	06	97	02	6	024	80	3	3	4	2	0	79	86
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj	034	7	6	18	02	97	02	2	026	82	6	0	7	6	0	79	85
	Rajshahi	056	9	6	09	02	96	03	6	031	80	3	5	5	2	0	79	86
	Bogra	019	5	7	13	03	96	01	6	030	82	4	5	7	2	/	79	85
	Dinajpur	000	9	5	09	03	96	01	1	028	87	5	0	9	4	/	79	90
	Rangpur	000	0	5	13	02	96	03	0	018	86	5	0	9	1	0	79	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	2	2	18	03	96	01	9	012	90	2	8	9	4	0	68	91
	Sialkot																	
Rawalpindi	Jhelum	000	0	1	00	00	97	02	0	003	91	1	1	7	0	0	69	95
	Islamabad																	
	Rawalpindi	000	0	1	00	00	99	00	0	993	94	1	1	8	0	0	72	95
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	97	00	0	994	90	0	0	9	0	0	85	91
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lyallpur	000	0	4	36	02	96	02	0	004	91	4	0	9	4	0	72	95
Multan	Sahiwal																	
	Multan	000	0	2	36	03	97	03	0	995	96	2	2	6	0	0	72	98
	Leiah	000	0	0	31	12	94	00	0	985	98	0	0	9	0	0	70	98
Bahawalpur	Khanpur	000	0	0	36	09	96	05	0	988	98	0	0	9	0	0	64	00
	Bahawalpur	000	0	0	00	00	96	00	0	975	94	0	0	9	0	0	72	95
	Fort Abbas	000	0	0	25	24	98	00	0	978	95	0	0	9	0	0	80	95
Peshawar	Chakdra	000	0	1	07	//	98	01	0	965	94	1	2	7	0	0	68	94
	Peshawar	000	0	1	13	03	97	02	0	989	94	1	1	6	0	0	66	95
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Bannu	000	0	3	13	02	99	02	1	987	95	3	2	7	0	0	64	96
	D. I. Khan	000	0	0	00	00	98	00	0	991	89	0	0	9	0	0	75	96
Quetta	Sibi	000	0	0	18	03	97	02	0	979	05	0	0	9	0	0	65	06
	Nokkundi	000	0	0	23	02	97	02	0	955	03	0	0	9	0	0	39	04
Kalat	Turbat	000	0	0	23	02	96	00	0	871	08	0	0	9	0	0	40	08
	Jiwani	000	0	0	18	07	96	02	0	997	86	0	0	9	0	0	75	87
	Pasni	000	0	0	25	08	97	02	0	003	86	0	0	0	0	0	77	91
Karachi division	Ormara	000	0	1	27	12	96	03	3	009	84	1	0	9	0	0	75	85
	Lasbela	///	0	6	23	03	97	70	6	977	06	0	0	8	0	0	82	09
	Karachi (Manora)	000	0	4	27	09	97	03	0	009	82	4	0	9	2	0	67	83
	Karachi (Ariport)	003	0	6	27	07	96	03	1	0 5	86	6	0	9	3	0	73	93
Hyderabad	Nagarparker	000	0	6	05	02	97	02	0	007	03	0	6	6	0	0	03	05
	Chhor	000	0	7	05	09	96	03	2	966	05	2	1	6	0	4	61	08
	Hyderabad	000	0	6	31	05	97	03	7	984	04	/	/	/	/	/	69	05
	Badin	000	0	0	31	02	96	03	0	///	02	0	0	9	0	0	70	03
Khairpur	Padidan	000	0	2	31	05	97	02	0	984	03	1	1	7	0	0	45	05
	Nawabshah	000	0	5	36	10	96	03	1	983	04	5	4	6	0	0	72	07
	Sukkur	000	6	0	13	03	96	02	0	977	99	0	0	9	0	0	71	0!
	Kashmore	000	0	0	05	03	98	03	0	998	96	0	0	9	0	0	67	99
	Jacobabad	080	0	0	09	03	97	02	0	986	99	0	0	9	0	0	74	02
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	4	27	02	98	01	1	446	68	4	1	4	0	0	59	76
Peshawar	Drosh *	000	0	3	23	07	98	02	0	424	85	2	5	6	6	0	45	94
	Cherat *	000	0	0	36	02	98	00	0	447	85	0	0	9	0	0	46	87
	Kakul *	000	0	1	27	02	96	05	1	448	80	1	2	5	0	0	51	85
	Landikotal *	000	0	0	05	05	98	02	0	389	90	0	0	9	0	0	87	96
	Prachinar *	000	0	2	16	//	98	02	0	450	79	2	2	6	0	0	56	82
D.I. Khan	Miranshah *	000	0	4	05	05	97	02	0	471	91	4	0	9	0	0	60	94
	Wana *	010	0	6	13	03	98	03	6	472	82	6	2	8	0	0	70	86
Quetta	Fort Sandeman *	003	0	4	15	03	97	03	0	430	88	4	4	7	0	0	43	90
	Hindubagh *	000	0	0	23	03	97	02	0	438	80	0	0	9	0	0	64	85
	Loralai *	000	0	0	27	02	98	00	0	390	92	0	0	9	0	0	05	94
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	454	80	0	9	0	0	0	45	03
	Samungli (Quetta) *	000	0	1	00	00	96	01	0	438	88	1	6	9	0	0	79	93
	Chaman *	000	0	0	27	03	97	00	0	413	93	0	0	9	0	0	57	94
	Nushki *	000	0	0	29	05	97	02	0	497	98	0	0	9	0	0	65	99
	Dalbandin *	000	0	0	05	03	96	02	0	445	99	0	0	9	0	0	49	02
Kalat	Kalat *	000	0	0	34	02	97	02	0	425	81	0	0	9	0	0	52	83
	Khuzdar *	000	0	3	13	05	97	02	0	413	92	3	5	6	0	0	53	95
	Panjgur *	000	0	0	36	03	96	03	0	447	99	0	0	9	0	0	71	00

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

Divisions (1)	Stations (2)	RRR Rainfall in Cents (20)	Wc Past weather commenced at † (21)	N Total clud amount (22)	dd Wind direction in tens of degrees (23)	ff Wind speed in konts (24)	VV Horizontal visibility † (25)	ww Present weather † (26)	W Past Weather (27)	PPP Sea level pressure (mbs. and tenths) * (28)	TT Dry Bulb temperature (29)	h Amounts of Lowest Cloud † (30)	CL Low Cloud form † (31)	h Height of Lowest Cloud † (32)	CM Medium Cloud form † (33)	CH High Cloud form † (34)	TdTd Dewpoint temperature °F (35)	TnTn Minimum temperature (36)	TxTx Departure: Maximum temperature (37)	TnTn Departure: Minimum Temperature (38)	Rainfall since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	002	8	2	18	02	98	01	0	090	85	1	2	7	4	1	77	79	—	—	83.6	—	90.1	—
	Cox's Bazar	000	0	2	18	12	97	11	0	072	85	1	4	4	6	0	75	79	0	+ 3	—	—	—	140
	Chittagong	000	0	3	16	05	96	01	1	068	85	2	5	5	3	0	75	77	+ 3	0	42.2	—20.5	95.4	108
	Maijdee Court	045	6	7	18	02	96	03	6	064	80	3	2	5	2	0	79	77	— 1	— 1	—		—	115
	Comilla	080	5	3	18	05	96	02	6	072	85	3	4	7	0	0	77	77	— 2	0	76.0	+19.5	95.2	54
	Brahmanbaria	000	0	4	18	03	97	03	1	055	85	4	5	5	0	0	77	79	—		—	—	—	78
	Sylhet	070	9	7	00	00	96	29	9	063	80	5	3	3	7	0	77	77	—	—	113.8	—	141.8	—
	Srimangal	068	9	3	00	00	96	02	9	070	85	0	0	9	2	2	77	77	— 5	+ 2	—	—	—	98
Dacca	Mymensingh	028	9	4	00	00	97	01	1	065	85	4	5	5	0	0	79	79	— 4	+ 1	—	—	—	91
	Narayanganj	042	0	4	13	05	97	02	2	059	85	3	6	6	3	1	79	80	— 4	+ 1	—	—	—	74
	Dacca (Tezgaon)	054	0	6	13	05	97	03	2	059	85	6	8	4	3	0	77	77	—	—	42.6	—	53.6	—
	Faridpur	019	0	3	16	02	97	01	1	060	87	2	3	5	1	0	79	80	— 2	+ 1	—	—	—	71
Khulna	Barisal	015	9	8	13	03	96	02	2	058	80	4	6	3	7	0	80	77	— 3	— 2	—	—	—	81
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					68
	Satkhira	159	0	6	18	01	97	00	1	059	85	2	3	9	0	1	79	79	— 4	+ 2	—	—	—	65
	Jessore	060	6	5	15	06	97	02	6	051	80	5	6	3	0	0	79	77		—	—	—	—	65
Rajshahi	Pabna	080	5	0	13	05	98	03	1	049	86	4	8	6	0	0	79	77		—	—	—	—	59
	Sirajganj	C00	0	6	13	02	98	03	2	051	82	6	2	6	0	0	77	77	— 3	— 1	35.1	— 4.2	42.7	64
	Rajshahi	069	9	5	13	03	95	03	6	053	82	5	5	5	/	/	79	76	— 2	— 2	—	—	—	—
	Bogra	002	9	7	13	03	96	20	5	054	85	7	4	4	3	0	79	79	— 4	+ 1	34 2	— 9.0	45.2	69
	Dinajpur	000	3	5	07	02	96	01	1	056	85	5	0	9	2	/	79	79	+ 1	+ 1	—	—	—	72
	Rangpur	000	0	6	13	02	96	03	1	054	85	4	5	6	2	0	79	78	+ 6	+ 1	—	—	—	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	7	05	03	96	03	0	036	76	4	5	6	7	0	69	73	— 6	— 1	12 5	— 1.2	17.1	19
	Sialkot																							32
Rawalpindi	Jhelum	000	4	3	00	00	97	02	0	034	81	1	5	7	3	0	74	79	—	—	20.2	—	28.5	—
	Islamabad																							—
	Rawalpindi	000	0	0	29	02	99	00	1	039	79	2	0	9	3	0	73	75	+ 1	+ 5	—	—	—	36
	Campbellpur																							—
Sargodha	Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	— 9					15
	Sargodha	000	0	1	09	03	98	01	0	035	82	1	1	6	3	0	72	75	—	—	16.0	—	19.1	—
	Lyallpur	000	0	0	00	00	94	00	0	025	79	0	0	9	0	0	73	77	— 2	+ 1	4.6	— 4.0	7.6	12
Multan	Sahiwal																							10
	Multan	000	0	1	05	03	97	03	0	031	81	1	1	6	8	1	73	75	— 1	— 4	8.0	+ 3.4	11.0	7
	Leiah	...	—	...	...	...	...	...	...	...	...	...	...				...	...	—			—		8
Bahawalpur	Khanpur																		— 3					6
	Bahawalpur	000	2	0	00	00	94	01	0	033	76	0	0	5	0	0	72	73	— 6	— 1	0.7	— 3.5	2.0	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdra	000	0	0	05	02	98	02	0	018	74	0	0	9	0	0	64	69	—	—	3.2	—	12 6	—
	Peshawar	000	0	0	36	03	97	02	0	029	80	0	0	9	0	0	72	75	— 1	+ 3	4 6	+ 0.7	13.5	11
	Haripur	000	4	4	05	02	97	01	1	027	79	4	2	6	0	0	70	75	—	—	6.6	—	16.7	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	048	80	0	0	9	0	0	70	79	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	038	80	0	0	9	0	0	72	77	— 5	0	1.6	— 3.5	4.1	9
Quetta	Sibi	000	0	0	00	00	97	02	0	025	87	0	0	9	0	0	69	86	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	36	03	97	02	0	023	85	0	0	9	0	0	39	70	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	23	02	96	00	0	914	78	0	0	9	0	0	72	21	—	—	0.2	—	0.2	—
	Jiwani	003	0	2	13	09	96	02	0	036	78	2	6	5	0	0	74	74	—	—	0.0	—	2.0	5
	Pasni	003	0	4	23	06	97	02	0	039	76	4	0	9	0	0	73	63	+ 1	— 10	0.0	— 0.8	0.0	6
Karachi division	Ormara	003	0	3	27	07	96	06	6	042	77	3	6	6	0	0	74	14	—	—	0.0	— 0.8	0.6	6
	Lasbela	///	0	2	00	00	98	80	0	025	79	0	0	8	0	0	74	68	—	—	0.7	—	0.7	8
	Karachi (Manora)	030	0	3	27	09	96	01	0	031	78	2	0	9	2	1	74	76	— 2	— 1	1.0	— 4.7	1.1	8
	Karachi (Ariport)	000	0	4	27	05	96	03	0	030	80	4	0	9	3	0	74	73	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	000	0	6	05	02	97	02	0	050	87	8	6	6	0	0	66	86	—	—	0 1	—	0.1	—
	Chhor	000	0	4	00	00	96	02	0	013	91	0	0	9	0	4	67	82	—	—	0 2	—	0.3	7
	Hyderabad	000	0	6	31	02	97	02	2	024	87	0	0	9	0	1	73	86	+ 8	+ 9	0.2	— 5.5	0.3	9
	Badin	000	0	0	23	02	96	02	0	024	83	0	0	9	0	0	76	79	+ 9	+ 3	0.3	— 6.7	0.3	—
Khairpur	Padidan	000	0	3	00	00	97	03	0	020	83	0	0	9	0	0	73	79	—	—	0.8	—	0.8	—
	Nawabshah	000	0	5	05	02	96	03	1	025	86	0	0	9	0	8	81	81	—	—	1.1	—	1.1	4
	Sukkur	000	0	0	13	03	95	05	4	020	88	0	0	9	0	0	73	84	—	—	0.1	—	0.1	—
	Kashmore	000	0	0	05	02	98	02	0	020	85	0	0	9	0	0	71	83	—	—	0.0	—	0.0	4
	Jacobabad	080	0	0	09	03	96	02	0	023	88	0	0	9	0	0	74	84	— 1	+ 6	1 0	— 1.2	0.8	10
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	003	0	7	27	03	95	02	1	459	60	7	5	0	2	0	56	56	+ 6	+ 1	15.7	—17.0	33.3	18
Peshawar	Drosh *	000	0	0	00	00	98	00	0	461	74	0	0	9	0	0	66	//	+ 4	/	30.1	— 8.1	13.4	29
	Cherat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2	—				—
	Kakul *	000	0	2	31	02	98	01	2	458	73	2	1	5	0	0	66	68	—	—	14.2	—	25 0	—
	Landikotal *	000	0	0	36	02	98	01	0	428	76	0	0	9	0	0	75	68	—	—	2.2	—	12.6	29
	Prachinar *	000	0	0	00	00	98	02	0	464	70	0	0	9	0	0	56	62	— 1	+ 1	59.2	—	16 8	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	454	80	0	0	9	0	0	60	73	—	—	0.5	— 3.6	2.0	11
	Wana *	003	0	0	00	00	99	00	0	464	66	0	0	9	0	0	58	60	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman *	000	0	0	05	02	//	02	0	451	74	0	0	9	0	0	57	69	— 4	+ 2	2.2	— 2.7	6.5	—
	Hindubagh *	000	0	0	27	02	97	02	0	461	66	0	8	9	0	0	40	52	—	—	2.7	—	6.0	9
	Loralai *	000	0	0	27	02	98	80	0	///	//	0	0	9	0	0	65	49	—	—	8.6	—	0.6	—
	Barkhan *																							14
	Harnai *	000	0	0	00	00	96	02	0	422	81	0	0	9	0	8	28	//	—	/	4 0	— 3.2	5.6	9
	Samungli (Quetta) *	000	0	0	00	00	96	05	0	469	62	0	0	9	0	0	46	51	+ 4	—	0.5	— 0.5	3.1	8
	Chaman *	000	0	0	13	03	97	00	0	438	73	0	0	9	0	0	45	68	+ 1	+ 4	2.1	+ 2.0	4.8	—
	Nushki *	000	0	0	07	05	97	02	0	502	82	0	0	9	0	0	49	77	—	—	0.5	—	2 6	4
	Dalbandin *	000	0	0	36	02	97	02	0	442	75	0	0	9	0	0	10	63	+ 1	— 1	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	16	02	97	02	0	458	64	0	0	9	0	0	47	52	— 2	+ 3	0.8	— 0 3	2.2	—
	Khuzdar *	003	0	0	00	00	96	02	0	452	79	0	0	9	0	0	55	73	—	—	1.8	—	3.2	5
	Panjgur *	000	0	0	00	00	96	02	0	453	71	0	0	9	0	0	52	65	+ 4	— 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 0000 hrs. G.M.T. of the same day.
When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 11th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi_w	N dd FF	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_Rt_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Sirdhana	99 2 46	10 6 59	09 1 83	02 5 05	98 0 11	02 3 27	00 0 00	23 2 01		8 / / / /	05 2 25	...	30 5 00	...
City of Guldford	99 2 33	10 6 58	10 0 03	32 5 15	98 0 20	12 4 26	33 3 00	13 1 03		...	05 1 23	12 6 91	30 2 02	25 6 05
Abbekerk	99 0 97	10 6 37	10 0 03	52 5 17	98 0 31	10 0 26	56 4 00	13 4 00		...	0 / / 23	12 7 28	30 4 03	28 7 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
		PoPoPo,ToToTo DoDo	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	003 258 18	...	460 190 50	129 110 50	587 037 64	760 135 //	973 281 62	150 511 //	...	...	...	...	...
Dacca ...	00 00	005 290 20	...	400 166 56	100 094 57	582 051 58	755 145 58	968 295 59	244 511 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	999 264 30	...	410 230 57	041 050 34	507 071 //	...	953 291 //	235 431 //	...	...	...	...	...
Multan ...	00 00	989 250 28	...	450 170 56	059 100 30	574 091 //	745 135 //	961 221 //	250 365 //	...	...	...	...	...
Peshawar ...	00 00	963 250 45	...	400 218 56	093 150 61	587 016 //	763 105 //	981 173 //	277 327 //	..	...	...	...	...
Quetta ...	00 00	817 188 76	-	...	110 074 //	578 235 20	745 213 //	952 243 //	...	...	...	...	...	...
Sargodha ...	00 00	991 258 57	...	508 174 45	145 064 7/	...	740 181 //	90/ 91/ //	/31 405 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 224 45	800 166 50	600 050 63	350 209 //	...	.	...	...	...	...	...	...
Dacca ...	00 00	900 194 46	800 142 57	600 029 57	350 213 58	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	—	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	..	...	...	...	...	...	—	...	...	...

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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T.† of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	140 09	150 11	...	...	...	...	..	.	...	150 09	155 8/	145 08	..	150 07	...	140 08	150 81	155 08	155 11	180 09	185 10	...	...	...	...	...
Chakla's ...		320 07	305 09	3/0 06	280 08	//7 50	070 14	010 28	/25 70	...	160 08	155 02	280 04	320 11	...	...	...	...		..		...	...	...	...	...
Chhor ...	020 21	105 15	/// //	005 17	360 15		..	...	..	050 12	050 10	010 07	340 19	360 24	...	030 04	015 07	020 10	360 15	012 1/	360 29	020 27	..	...	...	...
Chittagong ...	160 10	170 13	170 14	190 10	180 15	180 13	...	...	...	...			...		...	...		...	...	...	..	...	...		...	..
Cox's Bazar ...	180 10	170 12	170 12	18) 17	210 12	220 12	...	...	...	185 10	185 11	195 11	250 5/	205 12	220 28	180 12	180 15	180 16	180 12	190 15	180 12	185 09	180 08	160 07	175 10	155 17
Dacca ...	158 08	155 09	165 12	116 51	180 11	195 15	..	...	.	...	...					140 03	145 10	165 09	155 10	180 06					...	..
Dalbandin ...	...	...	215 04	310 02	025 02	050 06	015 14	101 6/	355 19	...	...	325 01	505 07	360 03	060 03			130 01	135 03	110 02	195 02	070 10	025 17	050 11		
D. I. Khan ...	185 07	170 05	140 04	120 10	105 08	085 11	005 16	350 23	345 19	...	...	.	...	...	...	130 07	135 06	140 05	140 02	285 03	345 07	010 20	025 16	040 19	030 29	360 17
Drosh ...	..	...	...	220 12	210 13	205 10	355 09	350 20	350 25		...	...	150 01	120 01	100 01	...	...	...	105 03	005 08	310 07	020 13	360 05	005 8/	..	...
Fort Sandeman ...	...	...		030 03	030 27	350 11	331 23	340 02	/30 17	...	...	..	045 04	025 04	005 14	...	...	...	175 01	280 03	320 07	350 25	355 34	025 19	...	...
Jacobabad ...	175 10	095 10	090 09	080 14	035 25	025 20	006 23	005 31	005 34	115 11	11/ 77	140 06	270 04	330 15	310 19	125 08	125 06	140 05	140 07	261 01	330 12	025 29	030 25	030 29	...	...
Jessore ...	135 14	140 14	160 15	180 16	200 16	...				170 11	165 08	180 11	115 03	175 10	...	200 08	185 05	170 03	...	...	...	...		...	...	...
Jhelum ...	120 01	230 02	280 54	340 03	350 09	355 15	005 11	020 11	020 12	230 02	205 02	225 02	150 04	010 13	010 19	165 04	155 07	145 04	015 05	360 13	060 10	100 11	120 13	135 13	...	...
Jiwani ...	185 03	105 03	055 04	330 05	350 06	040 10	325 15	335 12	360 09	120 09	135 03	385 01	350 06	020 05	065 09	180 05	195 04	225 03	295 06	315 04	035 03	005 09	355 10	240 03	...	—
Karachi ...	320 08	240 08	230 02	050 05	055 08	...	...	..	...	...		...	...	...		295 05	015 01	220 02	265 05	330 07	050 07		...		..	—
Khanpur ...	...	...				...	...	...	...	366 01	360 13	350 13	321 13	32/ 11	321 53	015 17	020 25	020 25	028 26	020 28	005 35	010 40	010 40	025 32	...	...
Lahore ...	150 05	130 04	125 04	075 06	060 07	050 77	010 06	275 06	...	090 09	101 17	090 24	085 24	105 20	175 23	075 11	085 14	080 13	070 15	...	...		...	...	...	...
Multan ...	045 15	060 19	060 21	045 21	035 21	015 27	010 48	...	...	070 05	06/ 05	055 12	030 21	350 25	355 26	064 08	055 08	040 11	035 21	025 25	015 33	015 29	025 34	025 38	...	...
Nawab Shah ...	350 09	350 09	350 11	015 12	055 38	150 13			...	060 07	070 08	1/5 04	330 10	330 11	325 13	105 02	075 03	055 05	345 07	325 13	335 15	...	...	...	...	...
Panjgur ...	...	...		360 02	360 06	350 02	320 14	310 15	330 09	...		...	025 06	005 08	340 11	..		...		...			...	...	...	...
Peshawar ...	...	075 05	160 01	280 04	285 11	305 10	340 07	340 14	335 18	..	310 01	360 0/	050 02	360 03	335 07	...	030 10	005 08	330 09	315 19	355 12	030 17	355 18	355 21	...	...
Quetta ...	..		...		345 07	315 06	025 04	060 04	340 10	...	...	...	...	...					...	205 05	205 04	280 09	270 13	290 17	—	...
Sargodha ...	065 06	090 04	060 04	005 08	005 16	010 17	010 17	010 29	350 20	095 01	095 03	095 06	060 08	015 15	075 20	120 03	085 05	060 06	010 13	025 14	030 18	010 10	275 15	280 28	...	...
Sylhet ...	190 03	190 04	180 54	...	...	...	...	...	...	101 //	164 08	..	...	...	...	..	...	...	...	...	...		...	...	..	...
Veraval ...	...	...	...		...	.	..	...	...	...	...	...	...	...	..	...	..	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	130 12	150 12	150 18		170 06	...	180 03		175 09	...	...	...	...	...	...	..	...	...
Karachi .	290 14	295 15	305 14	320 09	335 08	360 07	010 23	02/ 23	060 12	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ..																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

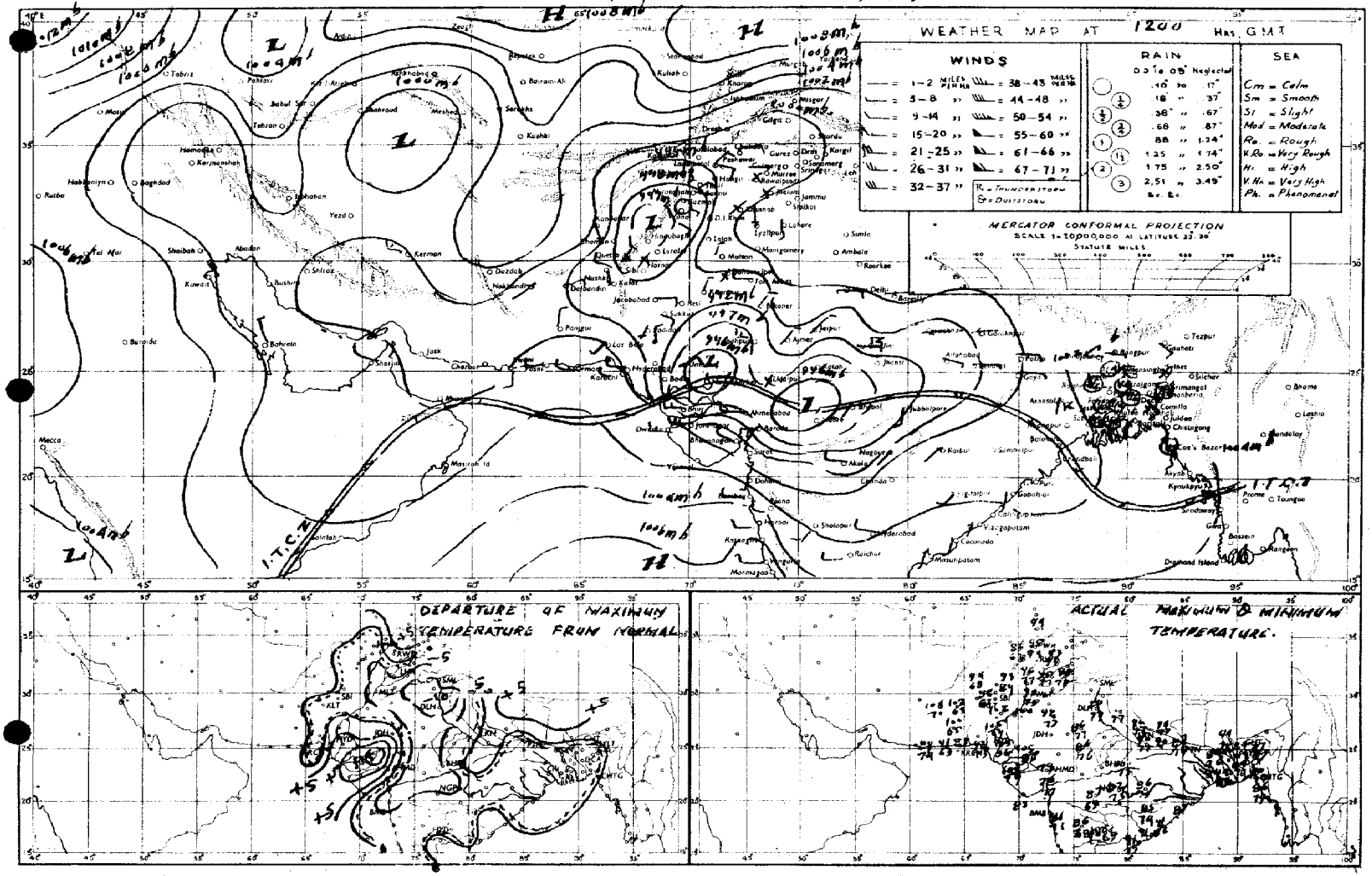
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

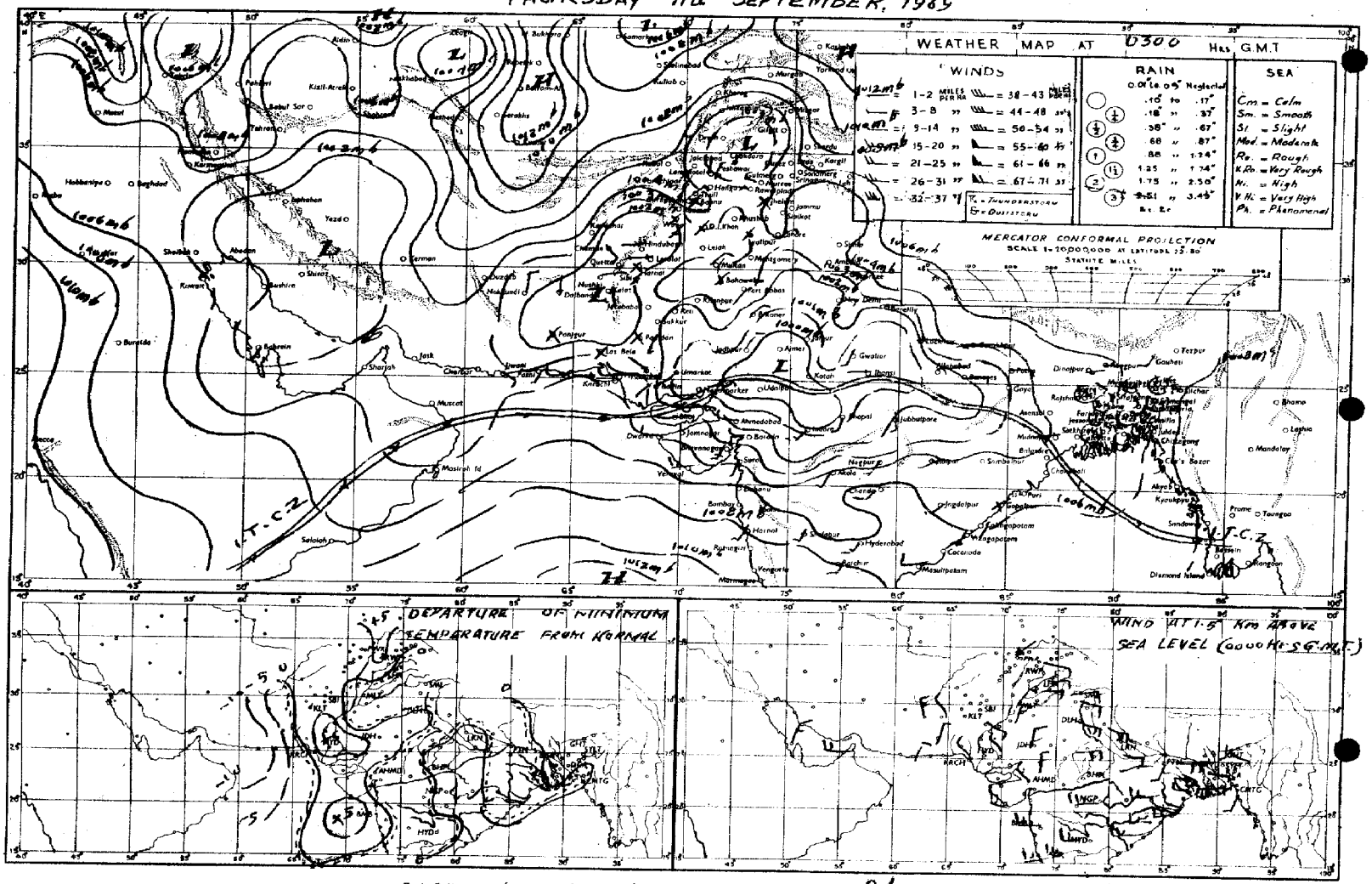
WEDNESDAY 10th SEPTEMBER, 1969



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 11th SEPTEMBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 12th SEPTEMBER 1969.

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

A trough of low pressure has formed over west Bengal and adjoining northwest Bay of Bengal. Rain/thundershowers have been widespread in Dacca division and scattered elsewhere in East Pakistan.

Yesterday's well marked low pressure area now lies over east Rajisthan and adjoining Madhya Bharat and is causing well marked incursion of monsoon easterlies into the northern and central divisions of west Pakistan.

Yesterday's westerly low pressure wave is moving away across Kashmir. The seasonal trough of low pressure extends from Kalat division to Peshawar division.

Local rain/thundershowers have occurred in Lahore division. A few falls of light rain/drizzle have also been reported from Rawalpindi, Sargodha and Karachi divisions.

Chief amounts of rainfall are: Srimangal (upto 1200Z) 1½"; Mymensingh 1"; Dacca 3/4" and Lahore ½".

Day temperatures were 9—10 °F (5—6 °C) above normal in Hyderabad division and 3—8 °F (2—4 °C) so in Chittagong, Khulna and Peshawar divisions and were 3—8 °F 2—4 °C) above normal in Sargodha, Multan and Bahawalpur divisions and 14—18 °F (8—10 °C) so in Lahore and D. I. Khan divisions.

Forecast valid until the evening of 13th September 1969 :— Fairly widespread rain/thundershowers are likely to occur in Chittagong, Dacca, Khulna and Lahore divisions, local in Rajshahi, Sargodha and Rawalpindi divisions and scattered in Multan and Bahawalpur divisions.

Karachi-11
The 12th September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	0	5	18	02	96	02	9	040	85	3	8	6	7	/	77	90
	Cox's Bazar ...	000	0	6	21	13	97	03	2	037	82	4	5	4	0	2	76	87
	Chittagong ...	000	0	7	23	05	96	01	2	036	85	2	1	5	3	1	77	90
	Maijdee Court ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Comilla ...	000	0	3	00	00	96	02	1	027	86	3	4	7	0	0	78	90
	Brahmanbaria ...	000	0	4	18	05	97	03	1	022	85	4	5	5	0	0	72	90
	Sylhet ...	000	0	/	00	00	96	17	2	021	85	5	9	5	0	1	78	86
	Srimangal ...	165	9	8	00	00	95	95	9	027	78	7	9	7	3	1	77	90
Dacca	Mymensingh ...	018	0	6	09	00	96	60	2	094	80	6	5	5	0	0	80	87
	Narayanganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dacca (Tezgaon) ...	071	9	6	13	05	97	03	6	011	82	4	9	4	2	1	78	87
	Faridpur ...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	Barisal ...	000	0	7	23	02	97	02	2	022	84	6	3	5	0	1	79	87
	Khulna ...	0.8	0	2	00	00	97	03	0	022	93	0	2	2	0	0	56	56
	Satkhira ...	094	0	6	18	02	97	00	1	027	80	2	3	9	0	1	79	87
	Jessore ...	002	5	7	13	04	97	02	9	013	84	5	5	4	3	0	79	90
Rajshahi	Pabna ...	008	0	5	00	00	95	01	9	006	82	3	2	6	7	0	60	91
	Sirajganj ...	000	0	6	18	02	97	02	2	017	82	6	0	7	6	0	79	87
	Rajshahi ...	002	9	4	13	02	96	03	0	012	84	3	5	5	0	0	77	90
	Bogra ...	005	9	7	13	02	96	02	5	011	85	5	8	4	7	1	78	90
	Dinajpur ...	014	0	3	09	02	96	01	6	010	85	3	0	9	2	/	79	87
	Rangpur ...	000	0	5	00	00	96	03	1	018	87	5	5	6	0	0	78	91
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	030	7	8	36	03	96	21	6	005	73	4	5	5	2	1	72	80
	Sialkot ...	000	0	0	20	18	//	00	0	035	78	0	0	9	0	0	59	82
Rawalpindi	Jhelum ...	000	0	5	09	05	98	02	2	028	87	5	9	6	0	0	70	//
	Islamabad ...																	
	Rawalpindi ...	000	0	1	13	02	99	00	0	011	95	1	2	7	0	0	87	96
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	4	09	11	96	03	0	996	90	5	3	8	1	0	80	93
	Sargodha ...	000	0	1	09	14	97	01	1	998	86	1	1	6	3	0	73	91
	Lyallpur ...	080	0	5	36	02	96	02	0	004	87	5	4	5	0	0	67	91
Multan	Sahiwal ...																	
	Multan ...	000	0	3	36	03	97	03	0	988	95	2	2	6	0	1	73	96
	Leiah ...	000	0	0	36	00	94	00	0	985	00	0	0	9	0	0	72	02
Bahawalpur	Khanpur ..	000	0	1	36	05	97	02	0	981	95	0	0	9	0	2	68	96
	Bahawalpur ...	000	0	0	00	00	96	00	0	976	93	0	0	9	0	0	73	93
	Fort Abbas ...	000	0	0	05	02	98	00	0	978	95	0	0	9	0	0	80	95
Peshawar	Chakdra ...	000	0	1	27	02	98	03	0	959	91	1	2	7	0	0	72	93
	Peshawar ...	000	0	1	36	03	97	03	0	978	93	1	1	6	3	0	72	96
	Haripur ...	000	0	0	13	02	98	00	0	990	91	0	0	9	0	0	67	95
D. I.-Khan	Bannu ...	000	0	0	13	01	99	00	0	977	93	0	0	9	0	0	67	96
	D. I. Khan ...	000	0	0	00	00	98	00	0	000	80	0	0	9	0	0	60	80
Quetta	Sibi ...	000	0	0	18	03	97	02	0	908	05	0	0	9	0	0	61	06
	Nokkundi ...	000	0	0	36	03	97	02	0	951	03	0	0	9	0	0	48	05
Kalat	Turbat ...	000	0	0	27	02	96	00	0	878	06	0	0	9	0	0	56	07
	Jiwani ...	000	0	3	13	09	96	02	0	013	83	1	6	5	0	/	74	85
	Pasni ...	000	0	0	15	04	97	02	0	025	86	0	0	0	0	0	74	88
Karachi division	Ormara ...	000	0	2	27	14	96	01	1	012	83	1	6	6	0	0	76	85
	Lasbela ...	///	0	3	36	02	98	00	0	995	04	0	0	8	0	0	82	07
	Karachi (Manora) ...	000	0	5	22	07	97	03	0	014	81	2	6	4	2	0	74	83
	Karachi (Ariport) ...	000	0	4	27	10	96	03	0	013	84	4	0	9	3	0	73	92
Hyderabad	Nagarparker ...	000	0	6	05	02	97	02	0	007	03	0	6	6	0	0	63	85
	Chhor ...	000	0	6	31	05	96	03	1	978	05	4	6	5	0	1	66	09
	Hyderabad ...	000	0	2	23	07	97	03	0	989	98	0	0	9	0	1	73	07
	Badin ...	000	0	0	23	06	96	03	0	///	01	0	0	9	0	0	72	02
Khairpur	Padidan ...	000	0	3	18	05	95	02	0	984	03	1	0	9	3	1	62	05
	Nawabshah ...	000	0	2	00	00	96	03	0	987	95	0	0	9	0	4	72	06
	Sukkur ...	000	8	0	05	03	95	05	4	993	02	0	0	9	0	0	75	03
	Kashmore ...	..		...	...	...	...	...			...		..		..	...	...	...
	Jacobabad ...	080	0	2	18	07	95	03	0	964	9	2	0	9	0	0	73	01
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ..	000	0	8	13	05	5	03	1	449	64	8	5	2	/	/	53	68
Peshawar	Drosh * ...	..	...	...	...	...	..	...	..	...	...	...	...	...	...	...	...	..
	Cherat * ...	000	0	5	36	08	98	00	0	433	82	0	0	9	0	0	64	87
	Kakul * ...	000	0	0	23	03	97	61	1	444	77	1	4	4	0	0	//	82
	Landikotal * ...	000	0	0	3	05	98	02	0	463	90	0	0	9	0	0	87	55
	Prachinar * ...	000	0	1	13	03	98	02	0	435	82	1	1	6	0	0	54	85
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	01	0	432	91	0	0	9	0	0	60	93
	Wana * ...	000	0	0	00	00	99	00	6	400	82	0	0	9	0	0	70	85
Quetta	Fort Sandeman * ...	000	0	1	31	03	97	03	0	415	93	1	1	7	0	0	43	94
	Hindubagh * ...	000	0	0	23	02	97	02	0	416	86	0	0	9	0	0	40	88
	Loralai * ...	000	0	0	27	02	92	00	0	390	90	0	0	9	0	0	66	92
	Barkhan * ...																	
	Harnai * ...	000	0	0	00	00	96	02	0	399	99	0	0	9	0	0	40	00
	Samungli (Quetta) * ...	000	0	0	36	03	97	02	0	430	90	0	0	9	0	0	45	94
	Chaman * ...	000	0	0	07	07	97	00	0	438	94	0	0	9	0	0	60	95
	Nushki * ...	000	0	0	29	03	97	02	0	504	97	0	0	9	0	0	64	98
	Dalbandin * ...	000	0	0	00	00	97	02	0	444	01	0	0	9	0	0	23	03
Kalat	Kalat * ...	000	0	0	31	03	96	02	0	421	82	0	0	9	0	0	55	86
	Khuzdar * ...	000	0	0	13	02	97	02	0	419	95	0	0	9	0	1	41	97
	Panjgur * ...	000	0	0	00	00	96	02	0	441	99	0	0	9	0	0	59	01

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 clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (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, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati ...	...	...																—					—
	Cox's Bazar ...	000	0	5	13	06	97	02	1	059	86	2	2	5	3	1	77	77	0	+ 1	66.1	—35.7	73.8	140
	Chittagong ...	001	7	4	13	03	96	02	6	057	84	2	8	4	0	2	77	77	+ 3	0	43.6	—27.4	96.8	108
	Maijdee Court ...	000	9	5	18	02	97	01	2	064	81	3	2	5	0	0	81	75		— 3	10.4	—65.3	116.6	115
	Comilla ...	000	0	3	10	05	56	02	0	060	85	3	4	7	0	0	77	77	+ 1	0	76.0	+17.3	95.2	94
	Brahmanbaria ...	000	0	5	18	03	97	03	1	051	84	5	4	5	0	0	77	81	—	—	35.6	— 7.1	45.3	78
	Sylhet ...	008	9	7	23	05	96	02	9	057	85	5	4	4	2	/	78	77	—		113.9	—	141.9	—
	Srimangal ...	167	9	2	18	04	56	02	9	053	82	0	0	9	7	1	78	77	— 1	+ 2	—	—	—	98
Dacca	Mymensingh ...	09:	9	6	00	00	97	02	7	046	82	6	5	4	0	0	79	77	— 1	— 1	55.3	+ 0.6	70.6	91
	Narayanganj ...	005	0	7	13	02	97	02	2	045	87	4	6	5	3	0	78	78	—	— 1	—		—	74
	Dacca (Tezgaon) ...	071	9	8	26	15	//	//	/	///	//	8	2	8	2	6	81	//	—	—	42.6	—	53.7	—
	Faridpur ...	022	0	5	16	05	97	07	2	041	87	3	4	5	1	0	80	80		+ 1	—	—	—	71
Khulna	Barisal ...	...	..	...	...	...	...	...	..	...	...	..	...	..	..	..	...	..	— 1					81
	Khulna ...	..		...	...	...	...	...	..	...	...	..	...	..	...	..	...	...	+ 8					68
	Satkhira ...	..	..	...	...	...	...	...	..	...	...	..	...	...	...	...	...	...	— 2					65
	Jessore ...	002	0	7	18	05	97	02	2	041	84	7	6	3	0	0	79	79	—	—	34.8	— 4.2	43.2	65
Rajshahi	Pabna ...	005	0	4	20	02	59	03	1	037	85	3	2	6	0	3	80	80	—	—	—	—	—	59
	Sirajganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					64
	Rajshahi ...	000	0	5	13	03	96	03	1	041	84	5	5	5	/	/	79	79	+ 2	+ 1	47.2	—	61.2	—
	Bogra ...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					69
	Dinajpur ...	014	3	3	09	02	96	01	1	057	87	3	0	9	2	/	78	79	— 2	0	—	—	—	72
	Rangpur ...	...	—	...	...	..	...	...	..	...	...	..	..	...	...	..	...	...	+ 2					84
Kashmir	Jammu ...																							—
Lahore	Lahore (Jail Rd.) ...	043	8	8	09	02	94	63	6	035	77	6	6	5	2	1	75	73	— 18	— 1	12.9	— 0.8	17.5	19
	Sialkot ...	...	...	...	...	—	...	..	...	...	...	..	...	...	...	...	...	...	— 14					32
Rawalpindi	Jhelum ...	008	2	7	31	02	97	02	6	003	99	2	5	7	5	0	73	75	—	—	20.3	—	28.3	—
	Islamabad ...																							—
	Rawalpindi ...	000	0	1	00	02	99	00	2	032	77	0	0	9	0	3	69	73	+ 2	+ 3	—	—	—	36
	Campbellpur ...																							—
Sargodha	Khushab ...	000	0	0	00	00	97	00	0	030	84	0	0	9	0	0	77	79	— 7	+ 1	3.8	— 5.7	7.2	15
	Sargodha ...	000	0	5	05	03	97	01	2	027	81	2	5	6	3	0	73	75	—	—	15.9	—	19.1	—
	Lyallpur ...	000	5	4	00	00	96	02	6	023	81	4	3	8	0	0	73	75	— 7	— 1	4.7	— 4.0	7.6	12
Multan	Sahiwal ...																							10
	Multan ...	000	0	7	05	03	97	01	1	028	81	5	8	5	2	0	73	77	— 3	— 2	8.0	+ 3.4	11.0	7
	Leiah ...	000	0	0	36	02	99	00	0	053	79	0	0	9	0	0	69	//	—	—	—		—	8
Bahawalpur	Khanpur ..	000	0	7	05	03	96	02	..	023	82	2	5	6	3	0	73	79	— 5	+ 4	0.2	— 5.5	1.1	6
	Bahawalpur ...	000	4	1	00	00	94	03	0	026	81	0	0	9	0	0	73	75	— 7	+ 1	0.7	— 3.5	2.0	6
	Fort Abbas ...	000	0	0	05	02	98	03	...	016	80	0	0	9	0	0	69	75	—	—	0.7		0.9	8
Peshawar	Chakdra ...	000	0	7	05	01	98	01	1	011	87	0	0	9	0	4	68	73	—	—	3.2	—	12.6	—
	Peshawar ...	000	0	1	36	02	98	02	0	035	81	0	0	9	0	0	69	81	0	+ 9	4.6	+ 0.6	13.5	11
	Haripur ...	000	0	0	05	03	98	03	3	030	81	0	0	9	5	3	73	73	—	—	7.7	—	17.9	—
D. I.-Khan	Bannu ...	...		...			...			...			...						—					11
	D. I. Khan ...	000	0	0	01	00	97	00	0	036	82	1	0	9	3	0	73	77	— 21	0	1.6	— 3.5	4.1	9
Quetta	Sibi ...	000	0	0	00	00	97	02	0	098	85	0	0	9	0	0	66	84	—	—	0.2	—	0.2	5
	Nokkundi ...	000	0	0	36	03	97	02	0	004	77	0	0	9	0	0	39	72	—	—	0.0	—	0.3	2
Kalat	Turbat ...	000	0	0	23	02	96	00	0	904	77	0	0	9	0	0	73	//	—	—	0.2	—	0.2	—
	Jiwani ...	000	0	5	18	03	96	02	2	037	79	5	6	5	0	0	71	76	—	—	0.0	—	2.0	5
	Pasni ...	000	0	8	31	04	97	02	0	049	79	4	4	9	0	0	76	63	— 2	— 10	0.0	— 0.9	0.0	6
Karachi division	Ormara ...	000	0	6	27	05	96	02	0	046	79	6	6	6	0	0	72	//	—	—	0.0	— 0.8	0.4	8
	Lasbela ...	000	0	6	00	00	98	00	0	030	77	0	0	8	0	0	73	65	—	—	0.7	—	0.7	8
	Karachi (Manora) ...	000	0	7	27	05	96	03	1	039	71	4	6	5	5	0	72	76	— 2	— 1	1.0	— 4.8	1.1	8
	Karachi (Ariport) ...	000	0	6	27	12	96	03	2	036	80	7	6	5	0	0	71	76	—	—	1.5	—	1.6	—
Hyderabad	Nagarparker ...	000	0	6	05	02	97	02	0	060	83	0	6	6	0	0	79	77	—	—	—	—	—	—
	Chhor ...	030	0	2	23	07	96	03	0	990	77	0	0	9	0	1	72	75	—	—	0.2	—	0.3	7
	Hyderabad ...	000	0	5	22	09	97	03	1	021	87	0	0	9	0	1	71	77	+ 10	0	0.2	— 5.5	0.3	9
	Badin ...	000	0	0	23	04	96	02	0	036	78	0	0	9	0	0	74	76	+ 7	0	0.3	— 6.8	0.3	—
Khairpur	Padidan ...	000	0	3	13	03	97	03	0	008	82	2	0	9	3	1	69	78	—	—	0.8	—	0.8	—
	Nawabshah ...	000	0	7	13	03	96	00	3	011	81	0	0	9	0	2	71	75	—	—	1.1	—	1.1	4
	Sukkur ...	000	0	0	13	02	96	02	0	007	88	0	0	9	0	0	73	84	—	—	0.1	—	0.1	—
	Kashmore ...	000	0	0	05	03	98	02	0	025	88	0	0	9	0	0	70	82		—	0.0	—	0.0	4
	Jacobabad ...	040	0	1	09	07	96	03	0	016	88	0	0	9	0	1	77	83	— 2	+ 5	1.0	— 1.2	0.8	20
Junagadh	Veraval ...																							26
	HILL STATIONS																							—
Kashmir	Srinagar * ...																							71
	Gulmarg ** ...																							26
	Sonamarg ** ...																							
	Dras ** ...																							3
	Leh ** ...																							6
	Skardu * ...																							—
	Misgar ** ...																							—
	Aliabad * ...																							5
	Gilgit * ...																							59
Rawalpindi	Murree * ..	000	0	0	09	03	98	01	1	466	65	0	0	9	8	0	54	58	— 2	+ 3	15.7	—17.1	33.4	18
Peshawar	Drosh * ...	000	0	1	00	00	98	03	0	462	73	1	1	6	0	0	56	73	/	+ 8	2.5	—	13.7	29
	Cherat * ...	000	0	0	00	00	98	00	0	445	73	0	0	4	0	0	62	//	+ 2	/	3.1	—	9.0	—
	Kakul * ...	000	0	2	31	02	98	03	0	436	73	1	1	6	3	1	64	65	—	—	14.9	—	25.6	—
	Landikotal * ...	000	0	0	36	02	98	02	0	339	75	0	0	9	0	0	73	79	—	—	2.2	—	12.7	29
	Prachinar * ...	000	0	2	00	00	98	01	1	467	73	2	1	6	0	0	60	64	+ 4	+ 5	6.2	—	16.9	13
D.I. Khan	Miranshah * ...	000	0	0	05	4	99	00	0	457	81	0	0	9	0	0	64	73	—	—	0.5	— 2.6	2.0	11
	Wana * ...	000	0	0	00	00	99	00	0	482	77	0	0	9	0	0	69	60	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman * ...	000	0	1	05	02	96	05	0	416	74	1	1	9	0	0	61	71	0	+ 4	2.2	— 2.7	6.5	—
	Hindubagh * ...	000	0	0	27	02	97	02	0	453	61	0	0		0	0	43	48	—	—	2.7	—	5.9	9
	Loralai * ...	000	0	0	18	02	98	00	0	395	65	0	0	9	0	0	35	49	—	—	0.6	—	0.7	—
	Barkhan * ...																							14
	Harnai * ...	000	0	0	00	00	96	02	0	427	81	0	6	9	0	0	64	//	—	—	3.9	— 3.2	5.7	9
	Samungli (Quetta) * ...	000	0	0	03	00	96	05	0	456	64	0	0	9	0	0	37	81	—	—	0.5	— 0.6	3.1	8
	Chaman * ...	000	0	0	09	03	97	00	0	450	74	0	0	9	0	/	58	//	+ 3	/	2.1	+ 1.9	4.8	—
	Nushki * ...	000	0	0	07	07	97	02	0	502	82	0	0	9	0	0	45	78	—	—	0.5	—	2.7	4
	Dalbandin * ...	000	0	0	00	00	96	02	0	421	71	0	0	9	0	0	18	49	+ 2	+ 5	0.0	— 0.2	0.5	7
Kalat	Kalat * ...	000	0	0	16	02	97	02	0	446	65	0	0	9	0	0	50	52	+ 2	+ 3	0.9	— 0.3	2.2	—
	Khuzdar * ...	000	0	1	00	00	96	02	0	439	75	0	0	9	0	1	51	71	—	—	1.9	—	3.2	5
	Panjgur * ...	000	0	0	00	00	96	02	0	442	72	0	0	9	0	0	57	67	+ 5	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 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 12th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_at_a	$8N_sCh_sh_s$	$OT_aT_aT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_wd_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
British Sailor	99 0 22	10 6 50	11 1 83	22 7 16	98 0 20	09 3 79	24 4 00		73 0 02	..	0 / / 24	12 / 84	30 7 02	26 8 06

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_0P_0P_0$ $T_0T_0T_0$ D_0D_0	hhh TTT_aDD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	002 260 06	...	500 178 04	100 100 15	583 045 56	756 239 30	963 293 45	240 519 / /	420 831 / /	657 717 / /	..	..	..
Dacca ...	00 00	003 272 12	...	370 194 32	115 134 56	588 007 56	763 115 56	979 271 58	259 499 / /	443 605 / /	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	003 274 49	...	403 170 33	051 074 / /	572 081 / /	743 151 / /	955 271 / /	238 421 / /	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	962 205 00	...	403 210 40	088 114 35	583 017 / /	758 111 / /	974 421 / /	...	...	...	...	...	...
Quetta ...	00 00	816 194 66	...	/ / / / / /	099 154 67	584 005 / /	754 197 / /	964 281 / /	...	...	...	...	...	...
Sargodha ...	00 00	989 240 30	...	500 211 57	172 140 24	593 084 / /	769 088 / /	987 211 / /	250 321 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD							Max. Wind Speed	TROPOPAUSE
									PmPmPm dmdm fmfmfm	$P_tT_tP_aT_aT_tT_{ac}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 204 00	800 150 08	600 036 48	556 000 20	533 213 56			...	...	133 753 / /	...	...
Dacca ...	00 00	900 216 24	800 170 43	600 062 56	512 185 10	350 179 56	220 707 / /		...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	830 227 70	600 056 66	548 009 / /	350 247 / /	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds 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 odo values indicate negative temperatures.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd fff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd fff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	140 09	155 09	100 09	...	...	...	..	..	...	...	...	...	...	...	...	210 08	180 06	190 05	215 08	...	...	...	...	...	...	...
Chaklala ...		140 14	135 17													...	170 03	050 01	125 03	150 10	120 08	...	...	...	...	...
Chhor ...	065 03	300 03	025 02	120 06	100 10	055 10	...	...	...	...	303 10	270 03	095 08	090 10	070 12	255 09	220 / /	210 07	3 0 03	275 12	330 15	025 09	...	...	...	...
Chittagong ...	215 11	220 16	215 16	300 13	170 13	180 15	195 16	160 10	..	230 15	265 15	255 05	235 08	230 09	180 10	195 11	175 07	160 05	165 08	105 10	135 12	145 11	...	...	...	...
Cox's Bazar ...	180 10	200 14	260 10	260 20	...	...	...	...	...	...	...	...	...	...	...	180 14	180 12	170 10	170 06	170 06	120 14	120 11	135 12	180 10	190 11	...
Dacca ...	...	180 10	200 10	...	...	...	...	...	...	...	...	...	...	...	...	183 12	185 09	200 09	195 07	215 06	...	...	...	...	...	...
Dalbandin ...	...	...	220 07	210 09	310 03	295 05	055 11	355 05	350 22	160 15	175 08	215 04	260 06	215 06	260 03	...	...	085 01	340 06	230 06	240 04	230 01	245 01	150 04	300 17	220 21
D. I. Khan ...	120 07	105 08	105 09	090 08	010 09	355 09	345 15	360 20	010 25	345 12	360 15	205 01	135 09	055 04	015 09	340 06	345 05	355 14	003 09	030 21	040 10	020 09	020 12	055 15	275 03	230 15
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	015 08	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	030 09	090 08	315 05	010 12	015 19	005 16	...	...	...	225 02	210 06	200 05	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	180 05	180 06	020 03	360 07	340 13	005 15	345 21	250 27	...	...	...	...	040 04	205 03	350 13	...	...	...	010 06	285 05	060 05	315 17	325 29	330 30	025 15	060 17
Jessore ...	175 07	190 08	200 08							095 15	085 16	050 08	355 03	320 03	305 10	105 19	100 23	105 21	105 12	065 06	360 16	010 27	015 20	025 19	015 13	010 06
Jhelum ...	105 14	120 13	125 19	150 26	090 24	065 21	065 13	055 09	015 13	220 07	230 07	245 07	255 09	240 07	240 06	185 05	195 07	205 05	265 05	...	...	...	...	...	...	...
Jiwani ...	185 08	195 09	205 06	280 08	265 08	300 05	025 09	045 16	035 13	018 06	055 08	075 12	100 09	150 09	130 13	110 03	095 02	140 03	115 09	150 13	125 14	...	...	...	...	...
Karachi ...	250 16	235 14	240 10	260 14	255 11	335 10	035 08	055 05	...	170 10	180 10	...	...	...	...	145 07	115 06	090 05	...	...	...	...	...	...	...	...
Khanpur ...	035 13	025 15	035 18	030 21	025 36	355 34	360 63	360 60	...	...	...	...	...	...	...	255 07	260 08	...	...	...	...	...	...	...	...	...
Lahore ...	015 10	040 19	045 22							005 12	360 13	350 16	335 14	305 15	300 11	355 10	350 13	355 15	355 17	350 26	345 27	325 27	350 45	350 51	015 51	055 09
Multan ...	045 10	050 12	055 12	360 15	005 22	360 31	355 38	015 39	020 36	165 06	110 08	110 10	...	...	...	075 10	105 12	115 14	...	...	...	...	...	...	...	...
Nawab Shah ...	240 03	285 05	280 07	275 10	290 18	215 17	335 27	350 35	...	020 10	065 14	348 21	340 20	...	...	360 17	005 15	010 14	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	210 08	200 03	145 03	070 05	105 10	060 15	280 04	270 03	260 05	280 08	/// //	315 12	005 03	300 03	280 04	310 08	315 08	350 11	050 12	005 07	035 09	...	...
Peshawar ...	...	095 12	065 11	095 12	135 10	180 04	355 16	350 24	350 21	...	345 07	310 07	150 02	120 04	060 03	...	...	...	065 09	365 17	245 10	240 13	240 13	275 18	...	...
Quetta ...	...				305 04	295 06	270 11	260 17	275 19																	
Sargodha ...	070 21	080 13	088 10	090 04	...	...	...	...	...	090 02	095 05	070 06	070 10	...	...	025 03	080 09	087 12	090 16	315 09	305 14	305 13	295 24	285 25	275 23	...
Sylhet ...	270 01	230 01	205 05	...	...	...	...	...	...	...	...	...	...	...	...	195 07	190 07	190 10	190 / /	155 13	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	265 25	265 25	270 24	280 15	320 19	320 12	055 13	080 19	080 16	020 10	140 04	025 03	150 11	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

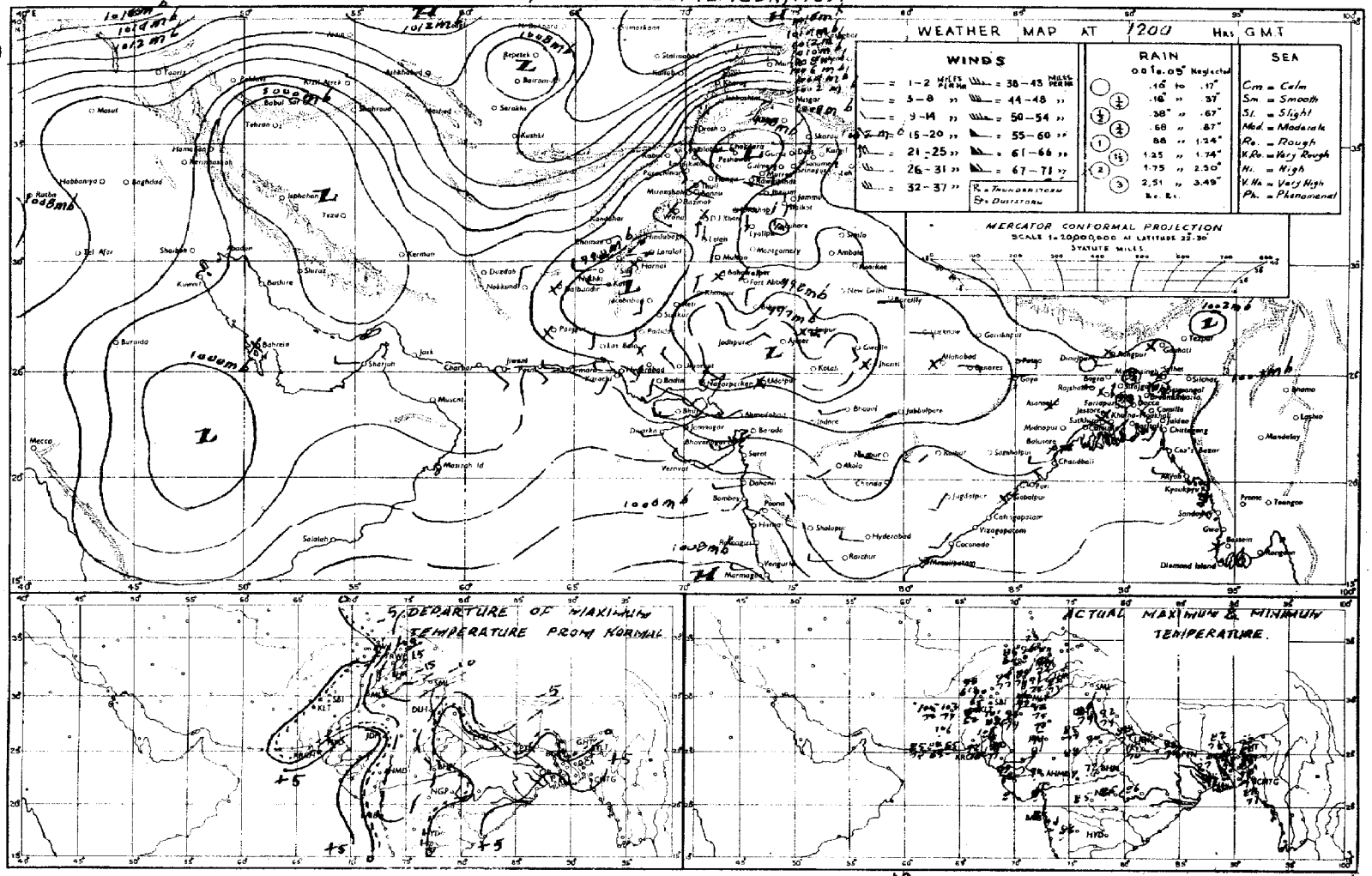
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

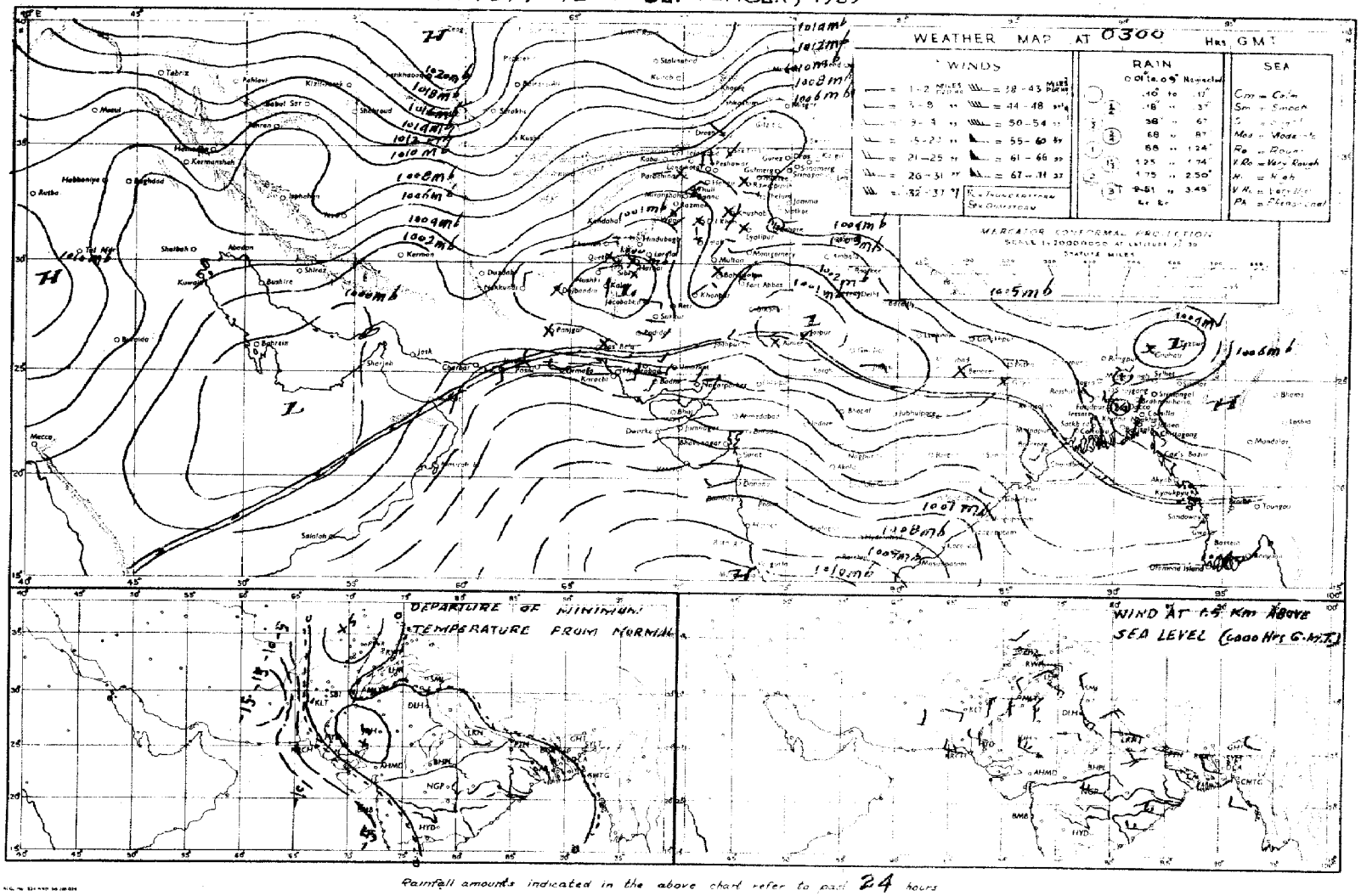
THURSDAY 11TH SEPTEMBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 12TH SEPTEMBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 13th SEPTEMBER 1969.

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

Axis of Monsoon trough runs from Lahore division to head Bay of Bengal. The well marked low over east Rajasthan and adjoining Madhya Bharat repidly weakened and became unimportant. The seasonal trough of low pressure extends from Khairpur division to D. I. Khan division.

Rain/thundershowers have been scattered in Khulna, Rajshahi and Lahore divisions.

Chief amounts of rainfall are:- Jessore 1" Rangpur, Lahore ¼" each.

Day temperatures were 3—6 °F (2—3 °C) above normal in Chittagong, Khulna, Rajshahi, Rawalpindi, Peshawar, Quetta, Kalat and Hyderabad divisions and 3—8 °F (2—4 °C) below normal in Lahore, Sargodha, Bahawalpur and Khairpur divisions.

Forecast valid until the evening of 15th September 1969 :— Rain/thundershowers will be local in Chittagong division and scattered elsewhere over east Pakistan and Lahore division. Weaeher will be nearly dry elsewhere over west Pakistan.

Earth Quake Report;- Seismograph of geophysical centre Quetta recorded an earth quake of severe Intensity on 12th September 1969 at 14th hours 09 minutes W. P. S. T. The epicentre lies about 5600 miles north-east of Quetta near Red Island in ALEUTIN.

Karachi-11
The 13th September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

At 12 Hrs. G.M.T. of Previous day (columns 3–19)

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 Clud † Nh (13)	Low Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	0	2	18	02	96	01	0	024	86	1	1	7	7	0	78	91
	Cox's Bazar ...	000	0	3	18	12	97	03	0	024	85	3	3	4	0	0	77	87
	Chittagong ...	000	0	6	18	05	96	03	2	021	86	6	3	4	0	1	77	90
	Maijdee Court ...	000	9	2	00	00	97	00	0	013	85	0	0	9	0	1	78	87
	Comilla ...	000	0	0	00	00	96	02	0	020	86	0	0	9	0	0	78	50
	Brahmanbaria ...	000	0	6	18	C2	97	03	1	013	87	3	4	5	0	5	80	90
	Sylhet ...	000	0	7	00	00	96	02	2	011	82	4	3	5	3	1	77	90
	Srimangal ...	067	9	6	00	CO	95	95	9	022	77	4	8	4	2	2	77	91
Dacca	Mymensingh ...	000	0	5	00	00	96	02	2	026	82	5	5	6	0	0	78	87
	Narayanganj ...	000	0	2	13	02	96	02	1	002	87	0	0	/	3	1	80	87
	Dacca (Tezgaon) ...	000	0	6	00	00	97	02	2	007	85	1	2	6	0	1	78	91
	Faridpur ...	008	0	4	16	02	97	01	1	011	87	1	5	6	1	0	78	90
Khulna	Barisal ...	000	0	6	18	03	96	02	2	011	84	4	4	5	0	2	79	91
	Khulna ...	000	0	2	00	00	97	03	0	024	87	2	0	4	0	0	85	93
	Satkhira ...	000	1	6	18	03	97	00	1	007	87	2	3	9	0	1	80	87
	Jessore ...	079	6	8	09	11	94	95	9	013	78	7	9	3	2	/	77	90
Rajshahi	Pabna ...	000	0	5	00	00	98	01	1	999	85	0	0	9	0	7	78	93
	Sirajganj ...	000	0	2	18	01	97	01	1	009	87	2	2	6	0	0	80	87
	Rajshahi ...	000	0	3	00	00	97	01	1	999	87	2	9	5	2	0	78	91
	Bogra ...	000	0	5	00	00	96	02	2	998	87	3	4	4	0	2	80	91
	Dinajpur ...	000	9	2	00	00	96	00	1	995	87	2	0	9	3	/	78	91
	Rangpur ...	000	0	6	00	00	96	03	2	020	86	3	5	6	2	0	78	91
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	037	0	6	09	02	96	03	2	991	87	4	4	6	7	0	75	90
	Sialkot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum ...	000	0	4	03	02	98	01	1	986	90	2	5	7	3	0	73	95
	Islamabad ...																	
	Rawalpindi ...	000	0	1	00	00	99	00	0	984	91	0	0	9	6	0	73	94
	Campbellpur ...																	
Sargodha	Khushab ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sargodha ...	000	0	1	09	05	98	01	1	989	91	1	4	6	0	1	73	93
	Lyallpur ...	000	8	0	00	00	96	00	0	986	90	0	0	9	0	0	75	90
Multan	Sahiwal ...																	
	Multan ...	000	0	3	05	03	97	02	2	982	95	3	3	6	0	0	75	99
	Leiah ...	000	0	0	36	02	94	00	0	011	99	0	0	9	0	0	75	//
Bahawalpur	Khanpur ..	000	0	1	36	05	97	01	0	982	93	1	2	6	8	0	72	98
	Bahawalpur ...	020	2	2	00	00	96	01	6	///	87	0	0	9	8	0	80	93
	Fort Abbas ...	///	/	2	23	04	98	00	2	978	95	0	0	9	0	0	80	95
Peshawar	Chakdra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Peshawar ...	000	0	1	08	00	98	01	8	966	95	1	1	6	0	8	70	96
	Haripur ...	000	8	0	13	03	98	00	0	972	96	0	0	9	0	0	64	98
D. I. Khan	Bannu ...	000	0	4	16	02	99	02	1	032	96	0	0	9	4	0	69	99
	D. I. Khan ...	000	0	0	00	00	98	08	0	981	85	0	0	9	0	0	75	//
Quetta	Sibi ...	000	0	0	18	03	97	02	0	970	04	0	0	9	0	0	69	05
	Nokkundi ...	000	0	0	36	03	96	02	0	935	04	0	0	9	0	0	44	07
Kalat	Turbat ...	000	0	0	23	02	96	00	0	878	01	0	0	9	0	0	53	01
	Jiwani ...	000	0	5	18	12	96	03	1	017	83	5	6	5	0	0	73	85
	Pasni ...	000	0	0	25	16	97	02	0	034	86	0	0	0	0	0	74	88
Karachi division	Ormara ...	000	0	1	27	12	96	02	2	031	83	1	6	6	0	0	76	85
	Lasbela ...	///	0	2	13	02	98	00	0	993	00	0	0	8	0	0	81	01
	Karachi (Manora) ...	000	0	5	27	07	97	02	0	025	81	5	6	4	0	0	74	83
	Karachi (Ariport) ...	000	0	2	27	14	96	02	1	020	85	1	5	5	3	0	70	87
Hyderabad	Nagarparker ...																	
	Chhor ...	000	0	0	23	13	96	01	0	592	94	0	8	9	0	0	70	96
	Hyderabad ...	000	0	0	23	09	97	01	0	992	97	0	0	9	0	0	68	01
	Badin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khairpur	Padidan ...	000	0	2	00	00	97	01	0	978	03	1	0	9	3	1	62	05
	Nawabshah ...	800	0	0	00	C0	96	02	0	993	03	2	8	9	0	9	68	05
	Sukkur ...	000	0	0	23	03	96	02	0	970	02	0	0	9	0	0	75	03
	Kashmore ...	000	0	0	05	02	98	02	0	065	96	0	0	9	0	0	75	98
	Jacobabad ...	080	0	0	13	05	97	02	0	976	99	0	0	9	0	0	75	00
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ..	000	0	3	27	03	98	01	/	438	68	3	1	4	0	0	63	73
Peshawar	Drosh * ..	000	0	3	23	09	98	17	0	403	90	3	9	7	0	0	47	93
	Cherat * ...	000	0	0	00	00	98	00	0	426	85	0	0	9	0	0	60	87
	Kakul * ..	000	0	3	13	02	96	05	1	419	80	1	2	5	1	3	60	85
	Landikotal * ...	000	0	8	31	05	98	02	0	563	90	0	0	9	0	0	87	95
	Prachinar * ...	000	0	3	16	05	98	02	0	437	80	3	3	6	0	0	58	82
D.I. Khan	Miranshah * ...	000	0	4	05	05	97	02	0	440	90	4	0	9	0	0	63	91
	Wana * ...	000	0	0	00	00	99	C0	0	453	87	0	0	9	0	0	//	90
Quetta	Fort Sandeman * ...	C00	0	1	05	02	96	01	0	415	90	1	1	7	0	0	44	91
	Hindubagh * ...	000	0	0	28	03	97	02	0	410	87	0	0	9	0	0	54	88
	Loralai * ...	000	0	0	18	02	98	00	0	398	90	0	0	9	0	0	66	92
	Barkhan * ...																	
	Harnai * ...	030	0	0	00	00	96	02	0	722	94	0	0	9	0	0	62	//
	Samungli (Quetta) * ...	000	0	0	31	03	96	01	0	433	91	0	0	9	0	0	49	95
	Chaman * ...	000	0	0	23	07	97	00	0	432	95	0	0	9	0	0	59	97
	Nushki * ...	000	0	0	31	05	97	02	0	499	01	0	0	9	0	0	70	02
	Dalbandin * ...	000	0	0	23	03	96	02	0	437	62	0	0	9	0	0	17	04
Kalat	Kalat * ...	000	0	1	34	03	96	02	0	417	82	0	0	9	0	0	57	88
	Khuzdar * ...	000	0	2	23	03	97	02	0	421	97	1	2	8	0	0	42	99
	Panigur * ...	000	0	0	23	03	96	03	0	439	01	0	0	9	0	0	64	56

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

STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Ws (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (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	000	0	5	18	10	97	02		061	86	4	1	5	3	2	77	77
Chittagong	000	0	5	18	07	96	07	2	062	87	3	8	4	3	/	79	77
Maijdee Court	000	6	4	18	02	97	02	2	058	86	4	3	5	2	1	77	77
Comilla	000	0	3	18	05	96	02	0	060	86	3	3	7	0	0	77	79
Brahmanbaria	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	000	0	7	00	CO	96	03	2	051	54	5	5	4	2	0	77	77
Srimangal	010	0	5	13	02	56	03	2	058	85	3	8	4	3	1	80	77
Mymensingh	000	0	6	00	CO	97	00	0	C58	86	6	5	5	0	0	81	75
Narayanganj	000	0	8	23	00	97	02	2	C54	87	8	6	5	/	/	81	82
Dacca (Tezgaon)	008	3	6	18	C2	97	02	6	055	82	4	3	4	0	3	81	81
Faridpur	000	0	5	09	00	97	C2	2	050	87	3	4	5	1	0	81	81
Barisal	000	0	6	13	02	97	03	1	054	87	5	5	4	0	4	81	81
Khulna	000	0	4	00	00	97	03	0	041	90	4	0	4	0	0	82	82
Satkhira	000	1	6	23	02	97	C0	/	049	90	2	3	9	0	1	82	82
Jessore	110	9	6	18	06	97	02	9	047	84	6	6	3	0	0	81	77
Pabna	000	0	4	18	02	99	C3	/	C47	86	4	8	6	0	0	81	81
Sirajganj	000	0	6	13	02	98	02	2	049	86	6	2	6	0	0	81	82
Rajshahi	000	0	7	18	02	96	03	/	050	84	7	5	5	/	/	81	81
Bogra	000	0	6	18	03	96	02	2	C49	84	2	4	4	7	2	79	82
Dinajpur	008	2	7	09	02	96	02	6	C51	81	7	5	6	/	/	77	79
Rangpur	078	/	7	11	02	96	61	6	C55	28	7	5	6	0	0	82	77
Jammu																	
Lahore (Jail Rd.)	037	2	7	00	00	//	//	/	029	84	4	5	5	7	0	79	75
Sialkot	000	0	2	00	00	97	C0	0	003	80	0	0	9	0	0	47	70
Jhelum	000	9	4	00	00	97	03	1	031	82	4	0	9	3	0	68	79
Islamabad																	
Rawalpindi	000	0	1	36	02	99	C0	0	029	81	1	2	7	0	0	73	75
Campbellpur																	
Khushab	000	0	0	00	00	97	00	0	030	84	0	0	9	0	0	77	81
Sargodha	000	0	3	00	00	96	04	1	030	84	1	0	9	3	1	79	79
Lyallpur	000	0	0	00	00	56	00	0	028	82	0	0	9	0	0	77	77
Sahiwal																	
Multan	000	0	3	00	00	96	02	0	026	84	0	0	0	0	0	75	81
Leiah	000	0	0	18	02	92	C0	0	058	82	0	0	9	0	0	73	79
Khanpur	000	0	3	00	00	97	02	0	016	82	1	0	9	3	/	79	79
Bahawalpur	000	0	0	00	00	96	C0	0	021	84	0	0	9	0	0	73	81
Fort Abbas	3 //	/	2	05	02	98	00	2	018	64	2	0	9	0	0	79	79
Chakdra	000	0	0	05	02	98	02	0	010	77	0	0	9	0	0	70	72
Peshawar	000	0	1	31	03	97	C2	0	024	81	1	1	6	0	0	73	77
Haripur	000	0	0	05	03	98	00	0	013	79	0	0	9	0	0	//	75
Bannu	000	0	3	09	02	98	02	0	024	82	0	0	9	4	0	73	79
D. I. Khan	000	0	0	00	00	98	00	0	030	75	0	0	9	0	0	73	79
Sibi	000	0	0	00	00	97	02	0	999	86	0	0	9	0	0	56	85
Nokkundi	000	0	0	31	14	95	C6	0	C68	76	0	0	9	0	0	36	71
Turbat	000	0	0	23	02	96	00	0	526	80	0	0	9	0	0	73	21
Jiwani	000	0	6	13	03	96	03	2	063	80	6	6	5	0	0	73	70
Pasni	000	0	0	25	60	97	02	0	978	79	0	0	0	0	0	74	63
Ormara	000	0	5	27	09	96	04	4	068	80	5	6	6	0	0	73	15
Lasbela	///	0	0	00	00	98	00	0	064	76	0	0	8	0	0	73	47
Karachi (Manora)	000	0	7	27	05	96	03	2	055	77	7	6	4	0	0	73	76
Karachi (Ariport)	000	0	6	27	07	96	02	2	047	80	6	6	5	0	0	71	78
Nagarparker																	
Chhor	000	0	0	23	09	56	02	0	996	97	0	0	9	0	0	70	76
Hyderabad	000	0	0	23	09	97	02	0	037	81	0	0	9	0	0	71	77
Badin	000	0	0	23	04	96	02	0	044	79	0	0	9	0	0	72	77
Padidan	000	0	0	05	02	97	02	0	028	81	0	0	9	0	0	71	78
Nawabshah	000	0	0	31	05	96	02	0	028	80	0	0	9	0	0	73	80
Sukkur	000	0	0	13	05	96	02	0	019	84	0	0	9	0	0	72	82
Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad	080	0	0	09	03	96	02	0	C21	87	0	0	9	0	0	75	83
Veraval																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	000	0	5	00	00	98	02	1	469	64	3	5	4	5	0	60	58
Drosh	000	0	1	13	02	98	03	0	468	73	1	1	7	0	0	54	//
Cherat	000	0	0	00	00	98	00	0	447	77	0	0	9	0	0	64	//
Kakul	000	0	3	36	02	98	01	0	465	75	3	1	6	0	0	65	68
Landikotal	000	0	0	36	20	98	02	0	478	75	0	0	9	0	0	75	64
Prachinar	000	0	2	13	02	//	01	0	460	65	2	5	6	0	0	56	//
Miranshah	000	0	0	05	05	99	00	0	452	81	0	0	9	0	0	62	75
Wana	000	0	0	00	00	99	00	0	453	73	0	0	9	0	0	60	64
Fort Sandeman	000	0	0	00	00	97	02	0	455	74	0	0	9	0	0	60	70
Hindubagh	000	0	0	27	02	97	02	0	463	59	0	0	9	0	0	40	45
Loralai	000	0	0	27	02	98	00	0	395	//	0	0	9	0	0	60	49
Barkhan																	
Harnai	000	0	0	00	00	96	02	0	429	81	0	0	9	0	0	64	//
Samungli (Quetta)	000	0	0	00	00	96	05	0	470	62	0	0	9	0	0	46	49
Chaman	000	0	0	13	03	97	00	0	482	69	0	0	9	0	0	49	52
Nushki	000	0	0	31	05	94	05	0	514	65	0	0	9	0	0	20	67
Dalbandin	000	0	0	05	17	93	07	0	477	77	0	0	9	0	0	37	00
Kalat	000	0	0	13	02	97	02	0	472	62	0	0	9	0	0	48	52
Khuzdar	000	0	0	27	03	96	02	0	461	78	0	0	9	0	0	57	73
Panigur	000	0	0	00	00	95	05	0	475	78	0	0	9	0	0	54	72

Departure from Normal of (37–38) and Rainfall (39–42)

STATIONS (2)	Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Rangamati	—	—				—
Cox's Bazar	0	+ 1	66.1	—36.1	73.8	140
Chittagong	+ 3	0	43.6	+28.7	96.8	108
Maijdee Court	+ 1	— 1	10.4	—65.8	116.5	115
Comilla	+ 1	+ 2	77.0	+19.8	96.2	94
Brahmanbaria	—					78
Sylhet	—	—	114.0	—	141.8	—
Srimangal	0	+ 2	—	—	—	98
Mymensingh	— 1	— 3	55.3	+ 0.1	70.6	91
Narayanganj	— 2	+ 3	39.8	— 3.5	63.3	74
Dacca (Tezgaon)	—	—	42.7	—	53.8	—
Faridpur	+ 2	+ 2	36.4	— 1.8	50.0	71
Barisal	+ 3	+ 2	47.7	— 3.0	57.7	81
Khulna	+ 5	+ 5	41.6	— 2.7	47.7	68
Satkhira	— 2	+ 5	38.5	— 2.7	43.8	65
Jessore	—	—	36.0	— 4.0	44.3	66
Pabna	—	—	36.8	—	50.6	59
Sirajganj	0	+ 4	35.1	— 3.8	42.7	64
Rajshahi	+ 3	+ 3	47.2	—	61.2	—
Bogra	+ 2	+ 4	34.1	— 8.9	45.1	69
Dinajpur	+ 2	+ 1	60.4	+11.8	83.4	72
Rangpur	+ 2	0	55.7	+ 1.3	74.4	84
Jammu						—
Lahore (Jail Rd.)	— 8	+ 1	13.3	— 0.5	17.8	19
Sialkot		— 5	6.9	—15.1	11.5	32
Jhelum	—	—	20.3	—	28.3	—
Islamabad						—
Rawalpindi	0	+ 5	17.3	— 4.6	27.4	36
Campbellpur						—
Khushab		+ 3	3.8	— 5.7	7.2	15
Sargodha	—	—	16.0	—	19.1	—
Lyallpur	— 8	+ 1	4.6	— 4.1	7.6	12
Sahiwal						10
Multan	0	+ 2	8.0	+ 3.4	11.0	7
Leiah	/	—	1.0	—	2.7	8
Khanpur	— 3	+ 3	0.2	+ 4.6	1.1	6
Bahawalpur	— 7	+ 5	0.7	— 3.5	2.0	6
Fort Abbas	—	—	0.7	—	0.9	8
Chakdra	—	—	3.2	—	12.6	—
Peshawar	0	+ 5	4.6	+ 1.2	13.5	11
Haripur	—	—	7.7	—	17.9	—
Bannu	—	—	0.6	—	4.5	11
D. I. Khan	/	+ 2	1.6	— 3.5	4.2	9
Sibi	—	—	0.2	—	0.2	5
Nokkundi	—	—	0.0	—	0.3	2
Turbat	—	—	0.2	—	0.2	—
Jiwani	—	—	0.0	—	2.0	5
Pasni	— 2	— 10	0.0	— 0.8	0.0	6
Ormara	—	—	0.0	— 0.8	0.6	6
Lasbela	—	—	0.7	—	0.7	8
Karachi (Manora)	— 2	— 1	1.0	— 4.8	1.1	8
Karachi (Ariport)	—	—	1.5	—	1.5	—
Nagarparker						—
Chhor	—	—	0.2	—	0.3	7
Hyderabad	+ 4	0	0.2	— 5.5	0.3	9
Badin		+ 1	0.3	— 6.8	0.3	—
Padidan	—	—	0.8	—	0.8	4
Nawabshah	—	—	1.1	—	1.1	—
Sukkur	—	—	0.1	—	0.1	4
Kashmore	—					20
Jacobabad	— 3	+ 5	1.0	— 1.2	0.8	26
Veraval						—
Srinagar						71
Gulmarg						26
Sonamarg						3
Dras						6
Leh						—
Skardu						—
Misgar						5
Aliabad						59
Gilgit						
Murree	+ 3	+ 3	15.7	—11.7	33.4	18
Drosh	+ 4	/	2.5	—	13.6	29
Cherat	+ 2	—	3.1	— 8.2	13.4	—
Kakul	—	—	14.8	—	25.6	—
Landikotal	—	—	2.5	—	12.6	29
Prachinar	+ 1		6.2	—	16.9	13
Miranshah	—	—	0.5	— 3.7	2.0	11
Wana	—	—	1.2	—	4.1	11
Fort Sandeman	— 3	+ 3	2.2	— 2.7	6.5	—
Hindubagh	—	—	2.7	—	6.8	9
Loralai	—	—	0.6	—	0.6	—
Barkhan						14
Harnai	/	—	4.0	— 3.3	5.6	9
Samungli (Quetta)	—	—	0.5	— 0.5	3.1	8
Chaman	+ 5	+ 3	2.1	+ 2.0	4.8	—
Nushki	—	—	0.5	—	2.4	4
Dalbandin	+ 3	+ 6	0.0	— 0.2	0.5	7
Kalat	+ 4	+ 3	0.8	— 0.3	2.2	—
Khuzdar	—	—	1.8	—	3.2	5
Panigur	+ 6	+ 5	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

SATURDAY THE 13th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	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														
Albbekerk	99 2 06	10 7 04	12 1 23	22 6 16	98 0 21	06 0 27	22 4 00	...	73 7 06		0 / / 22	12 7 32	30 5 04	26 7 05
Chakdina	99 2 40	10 5 90	12 1 83	01 4 09	98 0 20	02 4 30	00 9 00	33 1 08	..		0 / / 28	13 1 70	30 1 01	12 5 02

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
		$P_oP_oP_{oi}T_oT_oT_o D_oD_o$	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	002 266 16	...	445 172 35	100 676 56	582 049 56	754 151 58	966 281 58	243 511 / /	...	...	...	...	...
Dacca ...	00 00	003 272 05	...	400 190 37	097 094 56	583 041 56	756 157 56	959 291 58	246 527 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	010 270 56	...	400 210 46	...	5/8 055 / /	744 181 / /	956 251 / /	242 401 / /	...	...	...	...	...
Multan ...	00 00	987 272 28	...	400 194 20	047 080 57	571 1055 / /	741 195 / /	950 321 / /	515 020 09	...	...	...	...	...
Peshawar ...	00 00	961 260 50	...	410 238 58	098 154 58	587 010 / /	764 081 / /	583 175 / /	278 321 / /	.	...	...	...	...
Quetta ...	00 00	816 192 67	–	...	082 086 59	376 /// / /	742 241 / /	...	...	...	...	...	...	...
Sargodha ...	00 00	989 250 56	...	510 204 56	156 064 56	595 105 / /	754 191 / /	964 291 / /	253 391 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.									Max. Wind Speed	TROPOPAUSE	
		PPP TT T_a DD									$P_mP_mP_m$ d_md_m $f_mf_mf_m$	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 206 42	800 144 46	600 024 56	350 211 58	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 214 29	800 152 40	600 024 56	350 211 56	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	..	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd fff) 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
Bogra ...	175 18	185 07	195 07	200 06	225 08	210 10	...		...
Chaklala ...		035 02	105 01	245 02	010 05	120 03	235 11	260 03	205 13
Chhor ...	235 19	255 17	255 15	275 09	285 06	325 12	015 87	345 08	154 09
Chittagong ...	195 09	190 10	165 12	165 16	165 17		...	...	...
Cox's Bazar ...	195 17	195 15	195 15	191 50	195 07	185 09	175 13	160 2/	160 01
Dacca ...	175 09	185 08	190 08	210 09	235 11	195 11	190 07	225 03	240 02
Dalbandin ...	...	...	225 05	225 06	235 08	300 06	275 09	285 / /	261 12
D. I. Khan ...	035 04	070 07	070 08	065 11	040 15	360 11	005 06	350 19	345 15
Drosh ...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...		020 08	245 33	360 09	...	350 08	...
Jacobabad ...	165 12	165 08	155 02	020 02	340 15	315 20	340 11	345 16	345 17
Jessore ...	...	No	Ascent	...		...		...	
Jhelum ...	180 5/	180 06	190 05	340 02	325 05	035 03	115 13	...	125 13
Jiwani ...	160 16	200 08	255 10	265 11	...	...	...		...
Karachi ...	260 15	280 11	295 15	320 14	325 17	325 21	340 11	030 07	095 78
Khanpur ...	035 13	030 11	030 09	030 17	010 13	360 19	340 30	335 37	335 43
Lahore ...	080 03	085 03	125 08	/ /5 07	110 10	...	...	...	...
Multan ...	055 15	045 17	040 21	025 25	310 18	...			...
Nawab Shah ...	265 01	275 01	270 02	320 05	330 12	325 16	330 1/	335 15	315 12
Panjgur ...	...	...	...	235 08	285 07	290 09	320 09	335 09	005 11
Peshawar ...	...	105 04	105 05	110 06	025 02	095 07	/// //	085 08	233 19
Quetta ...	...		...		/21 /0	823 50	275 06	30/ /0	285 12
Sargodha ...	110 06	095 07	085 08	075 13	080 15	085 04	295 03	240 06	...
Sylhet ...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	..	...	...	...

Height in Kms. a.s.l. —>	At 0000 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION 1	11	12	13	14	15	16
Bogra ...	200 09	210 09	210 12		...	...
Chaklala ...		/95 10	100 05	065 04	285 05	325 (8
Chhor ...	241 9/	250 20	245 03	290 04	320 03	110 07
Chittagong ...	...		...	...		...
Cox's Bazar ...	175 05	190 06	205 05	211 05	205 07	180 05
Dacca ...	180 09	200 06	220 04	...	190 05	...
Dalbandin ...	...		065 10	065 12	040 05	330 04
D. I. Khan ...	160 09	190 05	095 03	035 03	038 86	005 05
Drosh ...		...	–	250 01	256 07	155 01
Fort Sandeman ...	...	...	...	055 01	305 09	290 20
Jacobabad ...	135 08	135 07	150 06	115 04	040 02	205 10
Jessore ...	190 11	195 16	205 18	250 15		...
Jhelum ...	330 82	300 03	225 05	295 06	350 07	065 04
Jiwani ...	155 05	...	..	...	...	...
Karachi ...	...		...	...	...	...
Khanpur ...	210 12	230 15	250 15	260 12	285 / /	275 11
Lahore ...	045 04	045 03	130 82	175 05		
Multan ...	125 06	035 08	028 09	010 14	090 09	340 16
Nawab Shah ...	230 15	230 02	270 02	180 05	290 05	...
Panjgur ...	...		...	230 12	245 13	245 19
Peshawar ...	...	320 13	070 08	110 04	110 04	080 09
Quetta ...	...	...	...	...	...	...
Sargodha ...	210 04	160 05	090 84	060 08	055 08	020 10
Sylhet ...	185 06	200 06	/// //	205 09	220 12	...
Veraval ...	...	.	...	...	.	..

Height in Kms. a.s.l. —>	At 0600 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	...			...			...	...	...	...	...
Chaklala ...	...	210 04	160 01	290 03	315 05	290 02	030 04	250 12	230 / /	...	...
Chhor ...	130 22	230 13	220 11	235 05	295 09	340 15	360 16	030 09	185 10	...	...
Chittagong ...	145 5'	155 07	145 07	140 09	...	...	...	...	...	...	...
Cox's Bazar ...	185 /0	170 08	160 08	155 06	170 24	/85 06	195 07	195 05	195 05	...	...
Dacca ...	120 09	160 08	190 05	240 02	...	-	...	...	...	...	..
Dalbandin ...		...	070 17	(50 21	050 24		...	...		...	...
D. I. Khan ...	150 05	120 05	095 03	090 05	075 06	115 01	320 09	330 16	340 10		...
Drosh ...	...	...	...	235 03	105 05	215 10	200 09	210 10	210 19	230 23	230 23
Fort Sandeman ...	...	...	...	335 02	040 03	300 17	290 27	300 32	320 36	...	...
Jacobabad ...	135 21	150 10	150 09	150 13	120 19	120 5/	110 17	100 19	090 90	...	...
Jessore ...	130 04	145 05	160 07	170 09	170 09	...	...	...	...	...	...
Jhelum ...	165 02	220 04	225 08	230 03	330 06	000 00	038 02	...	...	...	...
Jiwani ...	110 03		...	...	...	...	—	...	..	..	..
Karachi ...	275 11	285 10	...	..	...	.	.	...	...	...	...
Khanpur ...	235 15	230 15	230 14	230 12	420 07	320 04	360 24	330 26	360 21	...	...
Lahore ...	300 03	290 06	295 04	-	...	...	—	-	...	...	..
Multan ...	100 04	100 03	125 02	045 02	030 08	025 18	...	...	...	...	...
Nawab Shah ...	005 07	060 02	330 01	025 08	335 14	350 14	025 05	065 06	090 07	...	...
Panjgur ...	–	...	...	325 12	320 21			...	...	...	...
Peshawar ...	...	155 04	105 05	135 03	245 04	300 03	245 06	245 18	250 23	...	...
Quetta ...		...		...	240 04	250 05	2/ / 12	...	...	...	...
Sargodha ...	170 03	145 03	145 04	040 06	050 07	120 02	...	...	...	...	...
Sylhet ...	090 08	100 06	135 06	180 07	255 05	325 02	...	...	...	..	...
Veraval ...	...		...	...	...	...	...	...	...	—	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	180 09	200 06	220 04	...	190 05		225 12	..	225 07	.	...	...	...	...	...	..	...	...
Karachi ...	265 21	265 21	280 23	280 24	290 29	290 20	035 18	035 13	030 15	...	...	..	...	...	..	...	...	...
Peshawar ...																		
Quetta ...																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

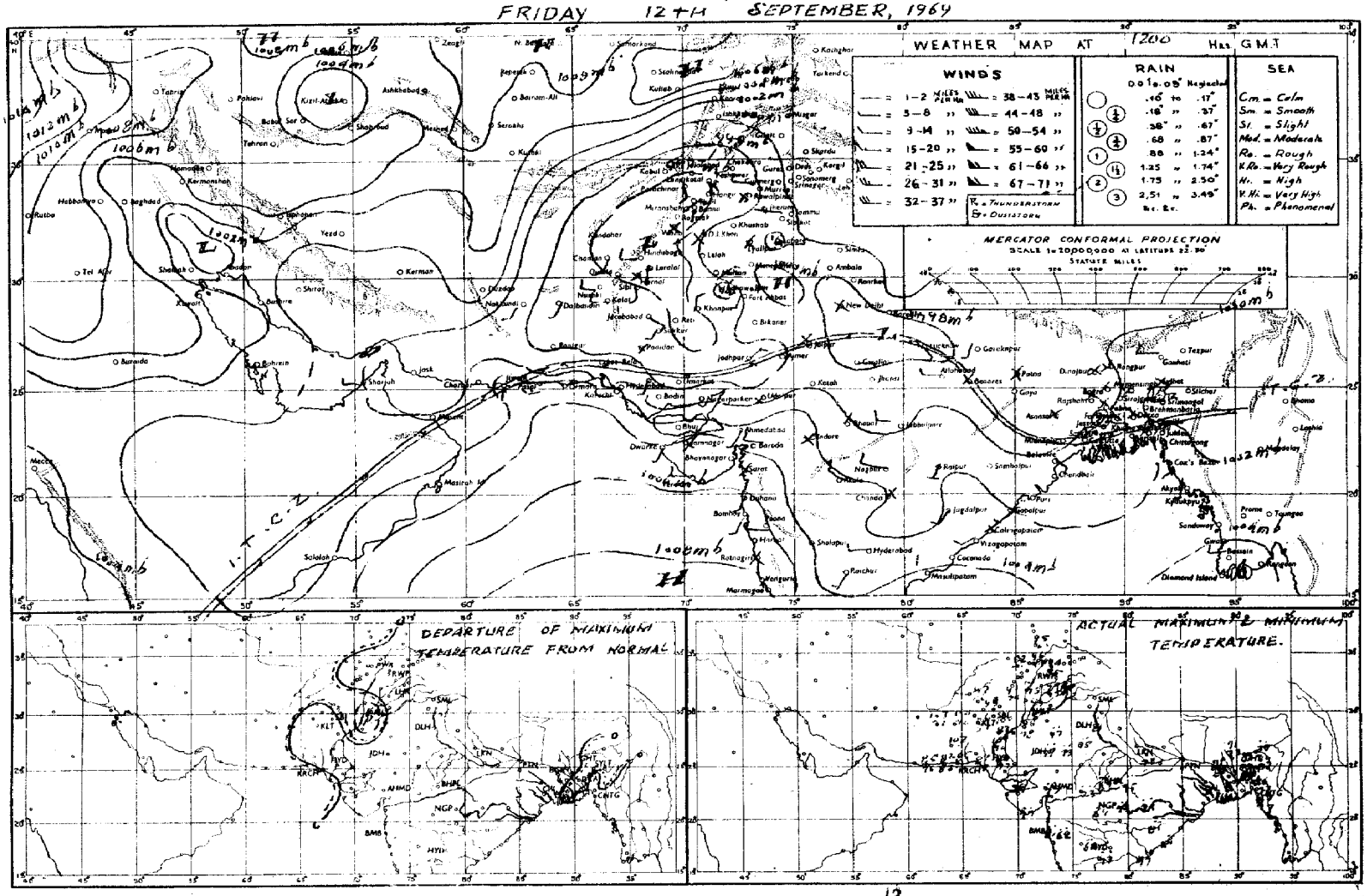
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

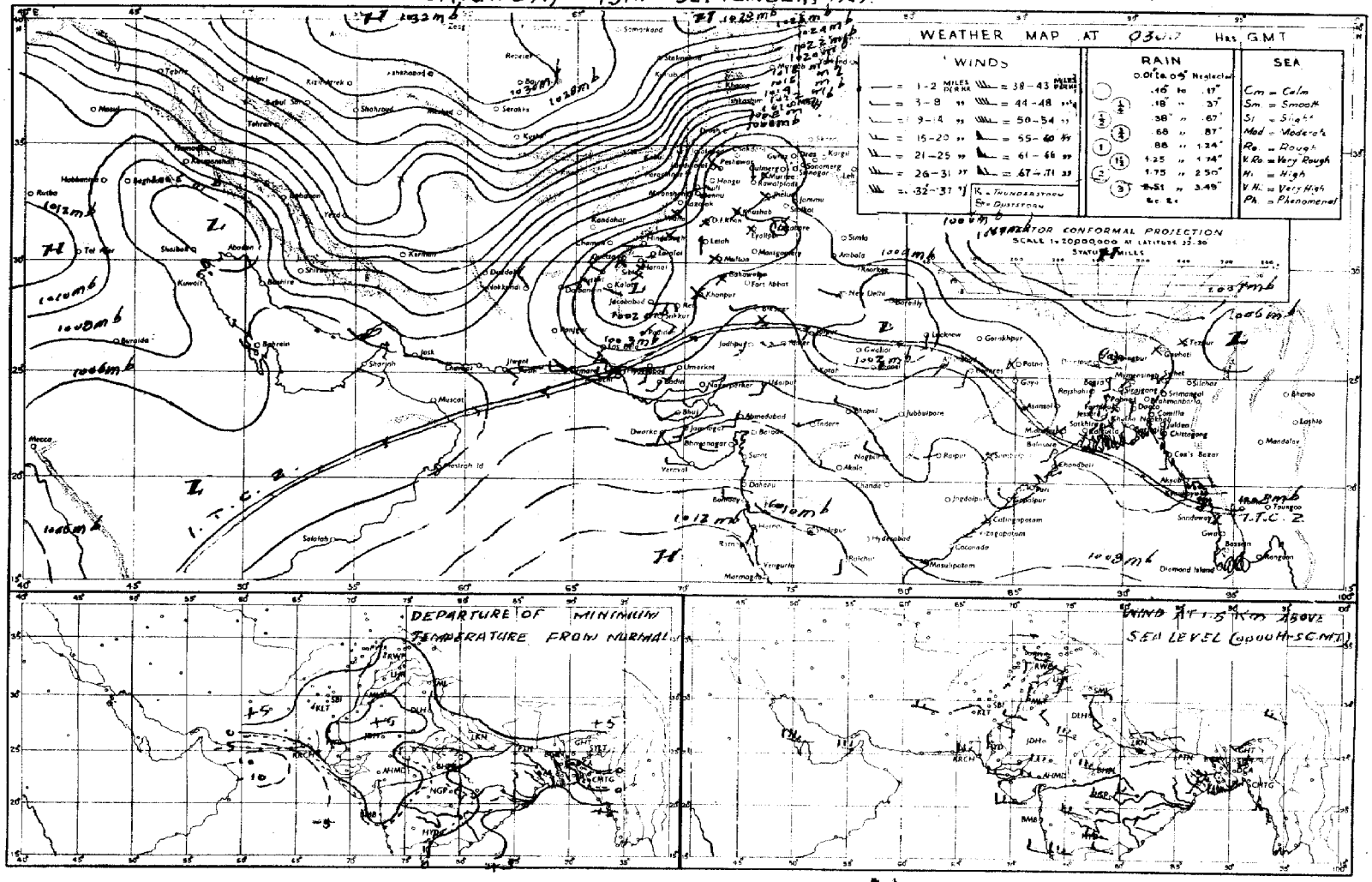
FRIDAY 12TH SEPTEMBER, 1964



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 13TH SEPTEMBER, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No, S-1467
Volume No. 23

SUNDAY THE 14th SEPTEMBER 1969.

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

Ship observations absent but believe conditions in south Bay of Bengal becoming unsettled. Rain/thundershowers have been fairly widespread in Chittagong division local in Dacca and Rajshahi divisions and scattered in Khulna divisions. A westerly low pressure wave is moving across northern division of west Pakistan and adjoining Kashmir. The seasonal trough of low pressure extends from Khairpur division to Multan division. Thunderstorm/showers have been local in Rawalpindi and Peshawar divisions.

Chief amounts of rainfall are: Chakdara 4", Brahmanbaria 2", Islamabad 1¼", Rangamati, Rajshahi and Kalat 1" each, Cox's Bazar, Sylhet, Jessore ½" each, Srimangal, Murree (both upto 12 G.M.T.) Chittagong, Dacca and Drosh ¼" each.

Day temperatures were 6—11 °F (3—6 °C) below normal in Lahore, Quetta and Kalat divisions 3—5 °F (2—3 °C) so in Sargodha, D. I. Khan and Hyderabad divisions and to the same extent above normal in Chittagong, Khulna, Rawalpindi and Peshawar divisions.

Forecast valid until the evening of 15th September 1969 :– Rain/thundershowers will be fairly widespread in Khulna and Rajshahi divisions and local elsewhere in East Pakistan. Thunderstorm/showers will be scattered in Lahore, Rawalpindi, Sargodha, Peshawar divisions and in Kashmir. Weather will be mainly dry elsewhere in West Pakistan.

Karachi-11
The 14th September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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 °F	Amount of Lowest Cloud †	Low Cloud from †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud from †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths) ○	Dry Bulb temperature	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departures from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
1	2	RRR 3	We 4	N 5	dd 6	ff 7	VV 8	ww 9	W 10	PPP 11	TT 12	N 13	CL 14	h 15	CM 16	CH 17	TdTd 18	TxTx 19	RRR 20	We 21	N 22	dd 23	ff 24	VV 25	ww 26	W 27	PPP 28	TT 29	h 30	CL 31	h 32	CM 33	CH 34	TdTd 35	TnTn 36	TxTx 37	TnTn 38	39	40	41	42
Chittagong	Rangamati	000	0	4	22	02	97	01	0	026	87	2	1	6	1	2	77	93	118	4	6	27	02	97	01	9	076	77	6	7	5	7	0	75	75	—	—	—	—	—	—
	Cox's Bazar	000	0	7	25	10	96	03	7	029	85	4	4	4	7	1	77	87	053	9	6	15	08	97	02	9	051	84	4	4	4	0	8	79	79	0	— 1	66.6	—96.0	74.3	140
	Chittagong	000	0	6	23	02	96	02	1	025	87	1	1	5	0	2	77	91	022	4	8	05	02	96	30	6	064	79	5	7	2	2	1	77	77	+ 4	— 0	43.8	—27.8	97.1	108
	Maijdee Court	000	9	3	18	02	96	00	0	016	86	3	1	5	0	0	78	87	000	x	8	18	02	96	03	2	051	81	5	5	5	3	1	79	81	+ 1	+ 3	10.4	— 6.6	114.5	115
	Comilla	000	9	4	00	80	96	02	1	027	87	4	4	5	0	0	80	93	000	0	4	18	03	96	02	1	058	86	4	4	5	0	0	79	79	+ 4	+ 2	77.0	+18.5	96.2	94
	Brahmanbaria	165	9	4	00	00	00	97	02	028	85	4	5	5	0	0	78	87	200	0	4	09	02	97	03	1	062	87	4	4	5	0	0	81	79	—	—	—	—	—	78
	Sylhet	000	0	6	00	00	97	01	2	020	85	4	3	5	3	1	78	87	045	x	4	00	00	97	02	3	060	84	2	4	4	3	0	77	75	—	—	114.5	—	142.3	
	Srimangal	035	9	2	00	00	96	01	9	026	85	0	0	9	2	1	81	87	000	0	6	00	00	96	02	1	058	86	4	4	4	0	0	77	79	— 4	+ 4	55.5	+ 2.1	77.0	98
Dacca	Mymensingh	017	5	4	00	00	96	02	1	017	85	4	5	5	0	0	80	//	017	9	4	09	00	97	01	1	058	84	4	5	4	0	0	81	79	/	/	55.4	+ 0.3	70.8	91
	Narayanganj	000	0	8	23	02	96	02	2	016	87	4	6	5	3	1	80	87	067	1	8	13	02	97	02	6	060	82	4	6	4	3	1	79	81	— 2	+ 2	40.0	— 3.7	63.4	74
	Dacca (Tezgaon)	000	5	7	00	00	97	02	9	014	85	2	2	5	6	3	80	87	025	3	6	00	00	97	21	6	059	81	2	4	4	3	0	81	79	—	—	43.0	—	54.1	—
	Faridpur	...																	...																						71
Khulna	Barisal	000	0	7	23	02	96	03	7	016	85	3	4	5	0	2	77	91	000	0	7	13	02	97	02	2	056	87	5	5	4	3	1	//	81	+ 3	+ 2	47.7	— 2.3	57.7	81
	Khulna	068	0	7	00	00	97	03	0	010	90	2	0	4	0	0	86	95	000	0	2	00	00	97	03	0	040	90	2	2	4	4	0	81	82	+ 7	+ 5	41.6	— 3.0	47.7	68
	Satkhira	000	0	6	23	02	97	01	0	998	82	2	3	9	0	1	80	90	000	0	4	18	01	97	01	0	998	84	2	3	9	0	1	81	90	+ 1	+ 3	38.5	— 3.0	43.8	65
	Jessore	053	3	7	00	00	97	17	9	011	82	5	3	3	2	0	80	92	053	9	6	15	08	97	02	9	051	84	6	4	4	0	0	79	79	—	—	36.5	—31.0	44.8	65
Rajshahi	Pabna	000	0	7	13	05	97	03	2	006	87	4	3	6	7	0	80	93	000	9	5	13	05	98	30	9	048	87	5	8	6	0	0	81	82	—	—	36.8	—	50.5	59
	Sirajgan	000	0	4	13	02	97	02	2	021	85	4	4	6	7	0	78	90	000	0	6	09	01	98	02	2	055	84	6	0	7	0	4	79	81	+ 3	+ 3	35.1	— 5.1	42.7	64
	Rajshahi	012	5	8	05	03	94	03	9	013	50	8	7	4	/	/	78	90	089	9	6	09	03	96	03	1	052	80	6	5	5	/	/	81	77	+ 2	— 1	48.0	—	62.1	—
	Bogra	000	0	6	09	02	96	02	2	012	85	2	2	4	0	1	78	87	013	3	7	00	00	96	02	6	056	81	6	8	4	2	0	79	81	— 2	+ 3	34.2	—10.1	45.2	69
	Dinajpur	000	9	4	09	02	96	01	1	006	85	2	4	6	2	1	78	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3					72
	Rangpur	015	8	5	00	00	96	01	6	021	85	5	0	9	0	0	78	87	015	0	2	09	02	96	01	1	056	84	1	2	6	1	0	77	77	— 7	0	55.0	+ 0.2	74.5	84
Kashmir	Jammu	...																	...																						—
Lahore	Lahore (Intl Rd.)	000	8	6	09	02	96	03	6	002	87	4	6	5	3	1	73	87	000	0	1	05	02	96	01	0	023	81	1	0	9	2	0	75	77	— 11	+ 3	13 3	— 0.5	17.8	19
	Sialkot	...																	...																	/					32
Rawalpindi	Jhelum	000	8	3	13	03	98	02	1	986	91	1	1	7	0	1	77	98	...																		—			—
	Islamabad	...																	123	2	5	13	10	97	03	9	449	62	3	5	5	8	0	56	54						—
	Rawalpindi	000	0	1	00	00	99	00	0	977	95	2	2	7	0	0	68	98	000	0	3	05	03	99	01	9	820	79	3	3	2	7	0	65	79	+ 4	+ 9	4.7	— 4.7	27.4	36
	Campbellpur	...																	...																						
Sargodha	Khushab	000	0	2	09	11	98	01	0	967	98	0	0	9	0	2	85	00	000	0	0	18	11	97	08	0	008	84	0	0	9	0	0	79	81	—	+ 3	3.8	— 5.3	7.2	15
	Sargodha	000	0	3	13	05	97	01	1	987	85	3	1	6	3	1	76	98	000	0	2	00	00	97	02	0	011	82	0	0	9	3	0	75	76	—	—	16.0	—	19.1	—
	Lyallpur	080	8	0	00	00	96	00	0	990	90	0	0	9	0	0	70	95	000	0	0	00	00	96	00	8	015	82	0	0	9	0	0	75	77	— 3	+ 1	4.6	— 4.1	7.6	13
Multan	Shiwal	...																	...																						18
	Multan	000	0	3	00	00	97	03	1	984	98	1	1	6	3	1	76	00	000	0	0	09	03	97	02	9	008	84	0	0	9	0	0	75	81	+ 1	+ 2	8.0	— 3.4	11.0	7
	Lodhi	000	0	0	18	00	95	00	0	039	95	0	0	7	2	0	72	95	000	0	0	00	00	97	00	0	058	81	0	0	9	0	0	73	79	—	—	1.0	—	2.7	8
Bahawalpur	Khanpur	000	0	1	00	00	97	02	0	984	98	0	0	9	3	0	72	02	000	0	3	00	00	97	02	0	001	82	1	0	9	3	1	79	79	+ 1	+ 4	0.2	— 4.6	1.1	6
	Bahawalpur	000	0	3	00	00	96	00	0	996	98	0	0	9	0	0	73	98	000	0	3	00	00	96	00	0	010	84	0	0	9	0	0	73	81	— 2	+ 7	0.7	— 3.5	2.0	6
	Fort Abbas	///	/	2	05	02	98	00	2	979	95	2	0	9	0	2	80	95	///	/	2	23	02	98	00	2	014	84	2	0	9	0	0	79	79	—	—	0.7	—	0.8	8
Peshawar	Chakdra	000	0	2	27	03	93	03	8	944	91	1	1	7	0	4	72	98	360	3	7	27	03	97	25	9	027	65	7	3	3	0	0	64	64	—	—	6.7	—	12.6	—
	Peshawar	000	0	5	05	03	97	03	1	960	95	1	3	6	0	1	72	98	000	5	7	05	07	97	03	1	035	75	5	3	6	2	0	65	75	— 2	+ 3	4.6	+ 0.6	13.5	11
	Haripur	000	0	0	13	03	98	00	0	972	96	0	0	9	0	0	64	98	000	5	0	36	02	98	00	0	033	81	3	5	5	9	2	1	68	75	—	—	7.7	—	17.9	—
D. I. Khan	Bannu	000	0	5	13	03	99	02	2	976	93	0	0	9	4	0	72	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				11
	D. I. Khan	000	0	0	00	00	98	00	0	981	70	0	0	0	0	0	73	98	000	0	0	00	00	98	00	0	024	84	0	0	9	0	0	65	81	— 3	+ 4	1.6	— 3.5	4.2	9
Quetta	Sibi	000	0	0	18	03	97	02	0	979	87	0	0	9	0	0	62	00	000	0	0	00	00	97	02	0	999	86	0	0	9	0	0	56	85	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	36	21	95	05	0	063	84	0	0	9	0	0	50	90	000	0	0	31	17	95	05	0	061	85	0	0	9	0	0	59	63	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	27	02	96	00	0	987	84	0	0	9	0	0	58	04	000	0	0	05	02	96	00	0	955	82	0	0	9	0	0	41	//	—	/	0.2	—	0.2	
	Jiwani	000	0	5	18	09	96	03	0	050	83	5	6	5	0	0	75	86	003	0	0	36	05	96	05	0	080	79	0	0	9	0	0	70	78	—	—	0.0	—	2.0	5
	pasni	000	0	0	25	32	97	02	0	037	84	0	0	0	0	0	75	90	000	0	0	05	14	97	05	0	078	85	0	0	0	0	0	87	91	8	— 12	0.0	— 0.9	0.0	6
Karachi division	Ormara	000	0	1	27	26	96	02	3	049	82	1	6	6	0	0	76	87	000	0	0	00	00	93	05	5	064	86	0	0	9	0	0	56	19	—	—	0.0	— 0.8	0.6	6
	Lasbela	///	0	3	13	01	98	00	0	006	99	0	0	9	0	0	73	01	000	0	0	00	00	98	00	0	037	78	0	0	9	0	0	72	67	—	—	0.7	—	0.7	8
	Karachi (Manora)	000	0	0	27	09	96	02	0	032	81	0	0	9	0	0	74	84	000	0	0	27	09	94	10	0	044	77	/	/	9	/	/	74	76	—	— 1	1.0	— 4.8	1.1	
	Karachi (Ariport)	000	0	5	27	14	96	02	2	035	83	5	6	5	0	0	71	87	000	0	0	27	14	96	02	2	039	79	7	6	4	0	0	73	79	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	000	0	6	18	02	97	02	0	069	93	0	6	6	0	0	92	96	000	0	6	05	02	97	02	0	071	82	0	6	6	0	0	81	79	—	—	0.1	—	0.1	
	Chhor	000	0	0	23	13	96	02	9	010	92	0	0	9	0	0	69	96	000	0	5	23	09	96	03	0	022	80	2	5	7	3	0	74	77	—	—	0.2	—	0.7	7
	Hyderabad	000	0	0	23	09	96	06	0	002	95	0	0	9	0	0	72	99	000	0	0	23	03	97	02	0	026	81	0	0	9	0	0	75	78	+ 2	+ 1	0.2	— 5.5	0.3	9
	Badin	000	9	0	23	12	96	02	0	029	90	0	0	9	0	0	71	92	000	0	6	23	03	96	03	0	037	80	0	0	9	0	6	74	78	+ 3	+ 2	0.3	— 6.8	0.3	—
Khairpur	Padidan	000	0	0	27	03	96	02	0	991	01	0	0	9	3	1	61	06	000	0	0	13	03	96	02	0	028	80	0	0	9	0	0	71	76	—	—	0.8	—	0.8	—
	Nawabshah	000	0	0	23	05	96	02	0	997	04	0	0	9	3	1	72	04	000	0	0	13	02	96	02	0	022	81	0	0	9	0	0	72	77	—	—	1.1	—	1.1	4
	Sukkur	000	0	0	13	02	96	02	0	978	02	0	0	9	0	0	75	07	000	0	0	23	05	96	02	0	021	84	0	0	9	0	0	74	80	—	—	0.1	—	0.1	—
	Kashmore	030	0	0	18	02	98	02	0	987	01	0	0	9	0	0	69	02	000	0	0	18	02	98	02	0	018	87	0	0	9	0	0	69	82	—	—	—	—	—	20
	Jacobabad	080	0	0	13	05	95	02	0	983	01	0	0	9	0	0	74	03	080	0	0	36	09	96	06	0	020	85	0	0	9	0	0	52	82	0	+ 4	1.0	— 1.2	0.8	
unagadh	Veraval	...																	...																						26
	HILL STATIONS																																							
Kashmir	Srinagar **	...																	...																						71
	Gulmarg **	...																	...																						26
	Sonamarg	...																	...																						
	Dras **	...																	...																						3
	Leh **	...																	...																						6
	Skardu **	...																	...																						—
	Mingar **	...																	...																						5
	Aliabad **	...																	...																						5
	Gilgit **	...																	...																						59
Rawalpindi	Murree **	020	4	7	27	03	96	02	9	449	67	8	5	2	0	0	63	70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0				18
Peshawar	Drosh	000	0	7	20	09	98	42	1	410	90	7	3	6	5	0	45	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6	/			29
	Chitral **	000	0	0	00	00	98	00	0	439	87	0	0	9	0	0	54	90	000	01	8	36	03	92	00	2	426	64	8	4	3	/	/	64	//	+ 5	—	3.1	— 8.3	13.4	—
	Kakul **	010	3	3	23	05	96	05	6	421	80	4	2	6	0	0	63	85	110	5	8	31	05	96	03	9	459	64	8	4	3	/	/	62	60	—	—	16.0	—	26.6	—
	Landikotal **	000	0	6	36	05	98	03	0	417	87	6	7	7	6	4	85	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				29
	Prachinar **	000	0	2	16	07	98	02	0	433	82	3	1	7	6	4	56	85	009	0	0	00	00	96	05	0	464	//	0	0	9	0	0	44	61	+ 4	+ 2	6.3	—	17.0	12
D.I. Khan	Miranshah **	000	0	4	05	05	97	02	0	441	93	4	0	9	0	0	63	93	000	0	0	00	00	99	00	0	435	79	0	0	9	0	0	69	73	—	—	0.5	— 2.7	2.0	11
	Wana **	...																	002	0	0	13	05	99	00	0	443	73	0	0	9	0	0	35	69	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman **	000	0	0	18	03	98	02	0	420	94	1	1	7	0	0	23	95	000	0	0	23	02	95	05	0	465	70	0	0	9	0	0	29	68	+ 1	+ 1	2.2	— 1.3	6.5	—
	Hindubagh **	000	0	0	23	03	94	05	0	410	87	0	0	9	0	0	54	88	000	0	0	23	03	94	05	0	463	59	0	0	9	0	0	29	68	—	—	2.7	—	6.0	9
	Loralai **	000	0	0	27	02	98	00	0	398	90	0	0	9	0	0	55	92	000	0	0	27	02	98	00	0	390	65	0	0	9	0	0	45	49	—	—	0.6	—	0.6	—
	Barkhan **	...																	...																						14
	Harnai **	000	0	0	00	00	96	02	0	444	97	0	0	9	0	0	58	97	000	0	0	00	00	96	02	0	433	76	0	0	9	0	0	28	//	—	—	4.0	— 3.3	5.0	9
	Samungli (Quetta) **	000	0	0	27	17	95	02	0	478	77	0	0	9	0	0	35	85	000	0	0	27	05	96	05	0	514	54	0	0	9	0	0	33	51	—	—	0.5	— 0.5	3.1	8
	Chaman **	000	0	0	23	07	95	00	0	491	79	0	0	9	0	0	52	81	000	0	0	23	07	96	00	0	513	54	0	0	9	0	0	39	52	+ 11	— 12	2.1	+ 2.0	4.8	—
	Nushki **	000	0	0	31	01	97	05	0	541	82	8	0	9	0	0	44	84	000	0	0	31	05	95	05	0	549	61	0	0	9	0	0	20	57	—	—	0.5	—	2.6	4
	Dalbandin **	000	0	0	45	07	93	07	0	498	89	0	0	9	0	0	35	90	000	0	0	05	07	94	05	0	515	64	0	0	9	0	0	29	00	+ 11	—	0.0	— 0.2	0.5	7
Kalat	Kalat **	000	0	0	34	04	96	00	2	451	72	0	0	9	0	0	54	78	000	0	0	05	02	96	00	0	518	58	0	0	9	0	0	23	40	—	— 9	0.8	— 0.3	2.2	—
	Khuzdar **	000	0	0	31	07	95	05	0	444	91	0	0	9	0	0	49	97	000	0	0	27	07	95	05	0	486	73	0	0	9	0	0	40	71	+ 11	— 6	1.8	—	3.2	—
	Panjgur **	000	0	0	36	12	93	07	0	487	84	0	0	9	0	0	59	85	000	0	0	36	09	94	06	0	503	63	0	0	9	0	0	45	61			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 over 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 14th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV w_w W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_at_R	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{w'}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Chakdina ...	99 2 21	10 6 15	13 0 63	52 4 18	98 0 51	07 9 26	11 5 71	33 2 25			0/ / 22	12 7 81	30 2 02	22 5 05

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPoiToToTo DoDo	hhh TTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	001 272 09	...	430 170 12	097 080 27	581 045 / /	...	...	...	...	...	...	...	...
Dacca ...	00 00	003 274 13	...	450 154 20	086 082 31	581 051 60	755 123 00	970 259 06	251 495 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	005 273 29	...	400 170 61	048 070 54	572 081 / /	743 171 / /	958 285 / /	235 435 / /	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	958 288 57	...	395 254 59	084 150 61	585 005 / /	760 091 / /	997 221 / /	264 397 / /	...	...	...	...	...
Quetta ...	00 00	817 138 59	...	...	071 044 / /	574 133 / /	...	...	...	...	...	...	...	...
Sargodha ...	00 00	989 250 50	...	500 214 58	169 120 59	590 041 56	762 145 / /	976 1/ / / /	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT Ta DD								Max. Wind Speed	TROPOPAUSE		
										PmPmPm dmdm fmfmfm	$P_tT_tP_aT_aT_{ax}$	dt dt ft	ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 210 03	800 144 13	600 016 19									
Dacca ...	00 00	900 194 08	800 080 01	600 012 92	350 195 00	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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 condi value in (0 °C) even values indicate positive and odd values indicate negative temperatures.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0600 hrs. G.M.T. † of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bagra ...	...	...	...	...	...	...	...	...	...	125 07	120 07	120 07	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	205 03	240 04	190 02	/ /5 06	295 05	325 07	...	...	...	130 12	135 13	171 51	225 21	...	...	060 05	025 04	135 03	...	...	...	...	...	...	...
Chhor ...	230 10	140 08	275 06	340 56	350 13	350 16	250 05	251 05	295 07	230 25	215 23	235 18	045 05	300 05	250 14	230 25	215 23	235 18	045 05	300 05	350 14	...	...	...	...	...
Chittagong ...	170 03	150 08	140 08	130 05	252 05	180 02	225 02	330 06	335 09							070 10	065 16	145 07	145 07	135 10	145 10	...	...	...	...	...
Cox's Bazar ...	180 15	175 19	170 13	155 12	...	...	...	...	...	080 07	070 03	075 02	150 05	150 09	150 09	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	148 08	160 10	160 06	160 05	155 07	130 04	175 02	...	...	...	...	...	...	...	...	095 07	100 06	100 09	105 05	165 04	170 05	010 04	080 05	080 11	...	...
Daibandin ...	...	...	// //	080 06	360 06	...	...	...	...	...	...	080 04	170 09	320 14	305 15	...	...	070 15	C50 12	035 13	...	...	...	...	...	...
D. I. Khan ...	185 /6	185 06	150 05	115 10	040 53	290 15	270 15	2/1 13	265 10	175 07	160 10	140 12	115 19	128 06	240 07	095 06	105 05	140 02	260 07	280 20	270 14	230 17	215 26	220 31	-	...
Drosh ...	...	...	...	240 19	238 11	198 12	...	...	...		No	Ascent				...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	355 04	300 07	285 05	270 19	120 18	280 21	...	...	...	260 01	300 12	295 14	...	...	...	285 07	265 16	305 11	270 19	...	...	...	...
Jacobabad ...	185 88	215 88	285 05	355 07	255 14	350 15	025 27	040 38	040 47	345 09	345 13	355 15	330 07	330 11	295 17	340 17	325 19	315 21	315 21	295 23	...	...	...	...	...	...
Jessore ...	150 11	150 12	150 13	245 2/	...	...	...	...	...	170 10	180 09	200 07	175 08	165 08	170 09	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	180 10	180 13	175 06	270 06	335 10	310 07	050 8/	285 12	215 17	120 02	200 04	205 06	125 02	115 04	280 04	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	125 05	060 10	058 10	030 06	...	...	...	...	...	015 12	030 17	035 17	035 17	015 20	...	035 23	030 32	...	...	...	...	...	...	...	...	...
Karachi ...	260 2/	262 8/	280 15	...	...	...	...	...	...	...	...	...	...	...	...	121 2/	325 10	230 19	...	...	...	...	...	...	...	...
Khanpur ...	250 08	260 07	3/0 08	280 06	270 06	325 07	005 16	102 02	200 25	230 17	225 14	225 13	240 11	270 08	240 15	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	125 01	110 02	115 05	155 06	210 03	250 03	...	...	...	240 04	230 04	170 02	145 C3	14/ /5	115 09	060 01	060 01	090 02	105 04	205 04	005 03	175 12	235 16	205 55	...	...
Multan ...	040 0/	602 02	115 02	035 05	355 15	33/ /5	310 15	270 16	280 17	190 13	165 14	195 07	255 01	350 15	305 04	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	220 54	250 50	330 07	360 10	360 10	340 14	295 11	340 30	355 42	210 08	230 05	315 04	010 09	195 12	...	340 05	355 07	005 08	020 05	345 08	295 05	125 02	010 02	...	...	...
Panjgar ...	...	...	...	360 11	005 14	...	...	...	...	...	...	...	345 12	344 01	...	...	...	...	270 13	005 11	...	...	...	...	...	...
Peshawar ...	...	065 15	105 14	130 14	175 12	255 02	245 14	255 15	260 20	...	085 38	205 25	250 25	220 23	210 19	...	070 08	055 07	125 12	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	265 15	320 12	285 18	395 12	255 18																	
Sargodha ...	145 08	160 06	165 05	290 02	350 09	355 12	315 13	...	275 17	125 03	175 08	015 04	135 05	215 03	300 15	120 02	160 04	165 05	215 14	265 01	235 03	255 15	235 23	235 30	...	...
Sylhet ...	065 05	135 03	190 06	150 8/	180 08	...	...	...	...	105 02	115 03	120 0/	080 04	225 01	175 04	060 04	050 03	070 02	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	270 13	270 13	345 15	333 17	021 6/	335 11	015 14	015 16	060 11	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

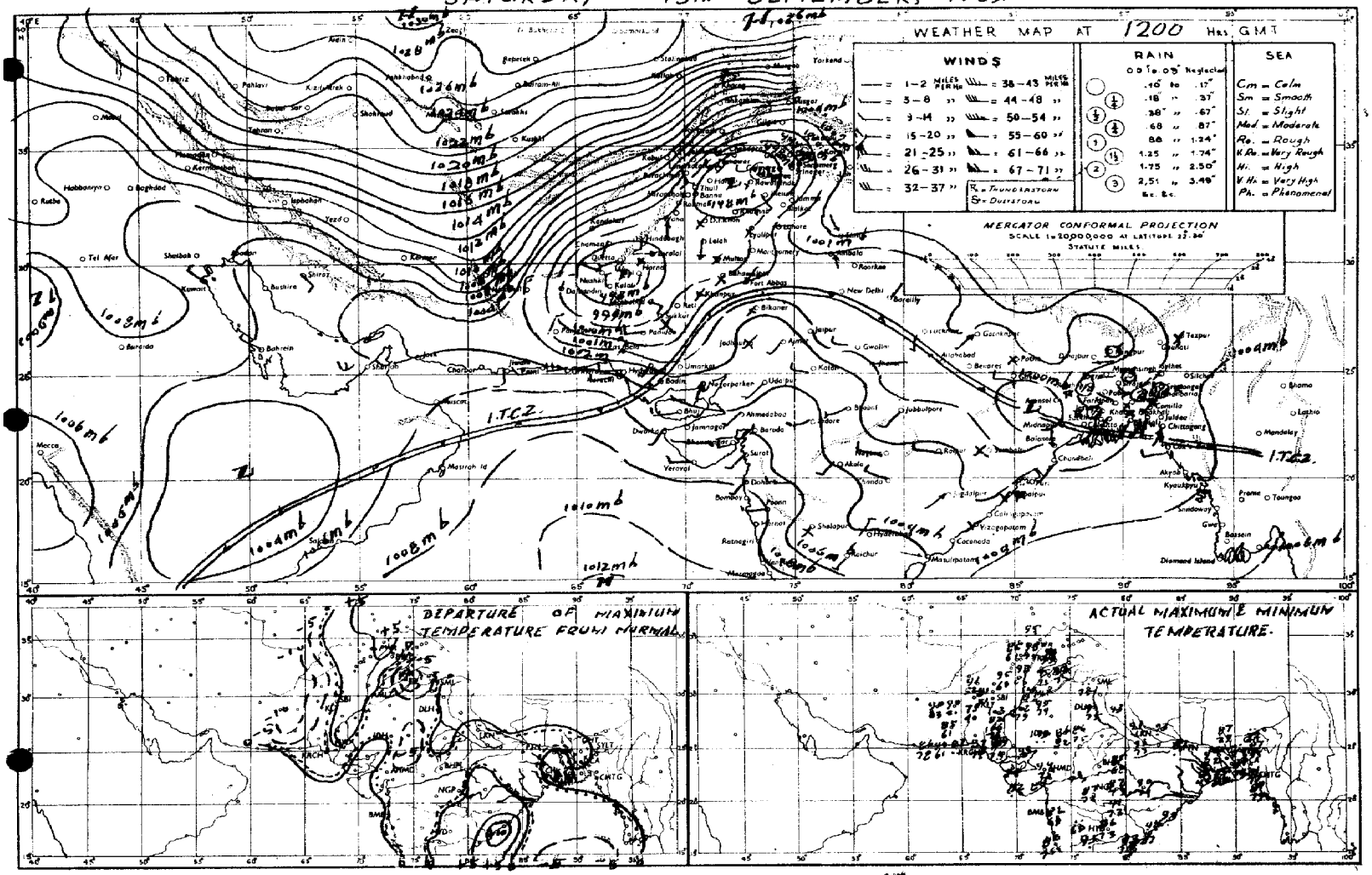
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
ff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

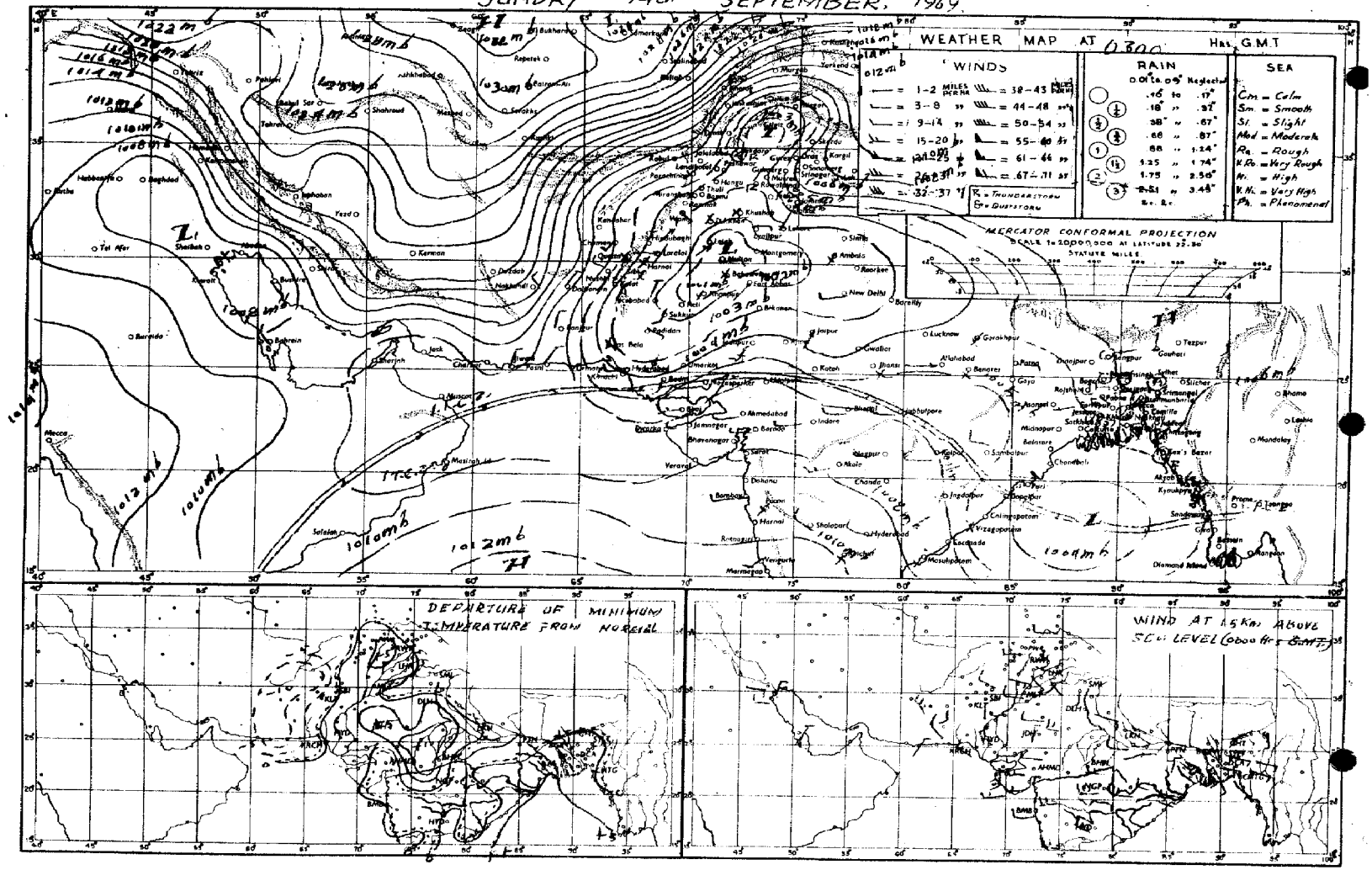
SATURDAY 13th SEPTEMBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 14th SEPTEMBER, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 15th SEPTEMBER 1969.

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

Ship observations absent but believe a low pressure area has developed over north and adjoining central Bay of Bengal. Rain/thundershowers have been scattered in east Pakistan outside Khulna division where a few falls of light rain rain have occurred. Yesterday's westerly low pressure wave over northern west Pakistan is now moving across Kashmir. The seasonal trough of low pressure extending from Khairpur division to Multan division persists. Thunderstorm/showers have been local in Rawalpindi division and scattered in Sargodha, Peshawar and D. I. Khan divisions.

Chief amounts of rainfall are: D. I. Khan 2″, Rawalpindi and Murree 2″ each, Islamabad 3/4″, Drosh (upto 0000 G.M.T.) Mymensingh and Dinajpur ½″ each.

Day temperatures were 8 – 18 °F (4 – 10 °C) below normal in Peshawar, Sargodha, Quetta and Kalat divisions and 3—7 °F (2—4 °C) so in Lahore, Rawalpindi and D. I. Khan division and were 3—8 °F (2—4 °C) above normal in Chittagong, Khulna, Bahawalpur, Karachi and Hyderabad divisions.

Forecast valid until the evening of 16th September 1969 :— Rain/thundershowers will be scattered in east Pakistan, Kashmir and in Peshawar, Rawalpindi and Lahore divisions. Weather will be dry elsewhere in the country.

Karachi-11
The 15th September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	0	1	27	02	58	01	0	026	87	1	1	7	0	0	77	90
	Cox's Bazar ...	000	0	4	24	07	96	02	0	070	87	2	2	4	0	0	77	90
	Chittagong ...	0C0	0	3	27	03	96	02	1	019	87	1	5	5	3	0	77	90
	Maijdee Court ...	000	9	0	C0	00	96	00	1	019	87	0	0	9	0	0	77	//
	Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria ...	000	0	4	00	00	97	03	1	019	87	4	5	3	0	0	79	91
	Sylhet ...	003	0	6	C0	00	96	02	2	017	87	4	5	3	2	0	80	90
	Srimangal ...	000	0	6	C0	C0	96	02	9	C30	80	4	9	4	3	2	77	91
Dacca	Mymensingh ...	010	6	4	00	00	96	C4	1	///	87	4	5	4	0	0	79	87
	Narayanganj ...	007	0	3	13	02	96	03	1	013	90	3	6	6	0	0	78	90
	Dacca (Tezgaon) ...	025	1	4	00	00	97	21	5	016	87	4	8	4	4	0	78	90
	Faridpur ...	008	0	1	C0	00	98	03	1	010	87	0	0	9	0	1	78	90
Khulna	Barisal ...	000	0	4	C0	00	97	02	2	019	86	9	4	5	0	9	81	91
	Khulna ...	...		...	...	...				...	...	...	...	...			...	...
	Satkhira ...	0C0	0	6	18	01	97	C0	1	017	82	2	5	9	0	1	81	90
	Jessore ...	000	6	2	15	05	97	02	6	017	87	1	4	4	4	0	78	87
Rajshahi	Pabna ...	000	0	6	00	00	98	01	2	007	87	6	8	6	0	0	81	94
	Sirajganj ...	000	6	0	00	00	97	00	2	019	87	6	0	7	6	0	78	90
	Rajshahi ...	000	6	5	09	02	96	03	6	033	85	3	5	5	2	0	80	90
	Bogra ...	013	0	6	23	02	96	C2	2	021	87	2	4	5	7	2	80	91
	Dinajpur ...	022	6	1	//	//	96	01	6	010	86	3	0	9	2	/	79	86
	Rangpur ...	000	0	4	00	00	96	C3	1	022	86	2	2	6	1	0	77	91
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	7	00	00	96	03	1	999	01	5	4	6	2	0	76	93
	Sialkot ...																	
Rawalpindi	Jhelum ...	000	3	2	31	03	97	C3	1	998	90	1	3	6	0	3	67	93
	Islamabad ...																	
	Rawalpindi ...	000	0	3	00	00	99	01	9	001	86	0	0	9	6	0	67	87
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	8	09	//	97	03	5	9?3	8?	6	2	3	8	0	76	82
	Sargodha ...	0C0	2	5	09	02	96	17	9	993	90	4	9	6	3	0	76	96
	Lyallpur ...	000	0	0	00	00	96	C0	0	989	87	0	0	9	0	0	67	96
Multan	Sahiwal ...																	
	Multan ...	000	0	0	31	05	97	C2	0	577	98	0	0	9	0	0	72	00
	Leiah ...	000	0	0	20	04	96	00	0	027	5	0	0	9	0	0	72	95
Bahawalpur	Khanpur ...	000	0	0	05	05	55	05	2	974	00	0	0	9	0	0	63	02
	Bahawalpur ...	000	0	0	C0	00	96	50	0	993	ЭC	0	0	9	0	0	72	04
	Fort Abbas ...	///	/	0	C5	02	98	00	0	956	/	0	0	9	0	0	94	//
Peshawar	Chakdra ...	C83	8	3	27	02	97	01	9	988	85	0	0	9	0	4	90	85
	Peshawar ...	C00	0	4	36	02	98	01	1	015	95	1	9	6	3	0	67	85
	Haripur ...	000	0	0	23	02	98	00	0	967	95	0	0	9	0	0	68	96
D. I. Khan	Bannu ...	000	0	7	05	09	97	07	3	979	93	2	2	7	0	7	67	56
	D. I. Khan ...	000	0	0	C0	00	58	00	0	986	86	0	0	9	0	0	76	96
Quetta	Sibi ...	000	0	0	27	15	96	07	0	900	03	0	0	9	0	0	66	04
	Nokkundi ...	000	0	0	31	23	94	07	0	584	79	0	0	9	0	0	31	81
Kalat	Turbat ...	003	0	0	36	02	96	00	0	915	97	0	0	9	0	0	56	97
	Jiwani ...	000	0	0	23	09	93	87	4	054	92	0	0	9	0	0	79	02
	Pasni ...	000	0	0	05	07	95	07	0	040	00	0	0	0	0	0	C0	01
Karachi division	Ormara ...	000	0	0	27	10	94	02	2	027	94	0	0	9	0	0	65	00
	Lasbela ...	///	0	3	31	04	97	C0	0	001	08	0	0	8	0	0	38	09
	Karachi (Manora) ...	000	0	0	27	09	95	06	0	012	81	7	/	9	/	/	72	83
	Karachi (Ariport) ...	000	0	0	27	09	95	C6	0	024	54	0	0	9	0	0	61	98
Hyderabad	Nagarparker ...	...	...	...	...	...	...	...	...					...	...	...	...	...
	Chhor ...	000	0	0	23	05	96	02	1	024	7	0	0	8	0	0	71	99
	Hyderabad ...	000	0	2	27	03	97	03	0	992	98	0	0	9	0	1	74	05
	Badin ...	000	0	0	23	04	96	00	1	992	95	0	0	9	0	0	73	95
Khairpur	Padidan ...	000	0	1	23	02	96	03	0	999	01	1	0	9	3	0	67	04
	Nawabshah ...	000	0	0	27	02	96	C6	0	998	04	0	0	9	0	0	//	06
	Sukkur ...	000	0	0	13	05	96	02	0	990	00	0	0	9	0	0	59	01
	Kashmore ...	030	0	0	23	03	98	02	0	990	04	0	0	9	0	0	63	05
	Jacobabad ...	000	0	0	36	09	96	C5	0	98'	C3	0	0	9	0	0	49	05
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ..	1C6	6	3	09	05	98	01	9	455	64	3	1	4	0	0	54	64
Peshawar	Drosh * ...	001	0	3	23	07	97	02	1	414	78	3	1	7	0	0	50	86
	Cherat * ...	000	0	0	00	00	98	00	2	452	76	0	0	9	0	0	64	77
	Kakul * ...	065	0	8	27	09	55	95	9	492	60	8	4	3	/	/	59	80
	Landikotal * ...	000	0	0	31	05	98	02	4	379	77	0	0	9	0	0	76	80
	Prachinar * ...	0C0	0	4	16	09	96	05	0	426	77	4	5	6	0	0	35	82
D.I. Khan	Miranshah * ...	000	0	4	05	05	97	02	0	423	93	4	0	9	0	0	67	95
	Wana * ...	000	0	0	00	C0	99	C0	0	463	90	0	0	9	0	0	67	90
Quetta	Fort Sandeman * ...	000	0	0	23	03	97	02	0	433	87	0	0	9	0	0	//	87
	Hindubagh * ...	000	0	0	20	05	92	05	0	410	97	0	0	9	0	0	54	83
	Loralai * ...	000	0	0	18	02	98	00	0	395	90	0	0	9	0	0	55	95
	Barkhan * ...																	
	Harnai * ...	000	0	0	00	00	96	02	0	399	99	0	0	9	0	0	49	03
	Samungli (Quetta) * ...	000	0	0	31	14	96	05	0	475	70	0	0	9	0	0	38	77
	Chaman * ...	000	0	0	23	07	96	00	0	434	71	0	0	9	0	0	47	72
	Nushki * ...	000	0	0	31	06	94	05	0	532	74	0	0	9	0	0	33	83
	Dalbandin * ...	000	0	0	05	03	93	07	0	503	82	0	0	9	0	0	02	83
Kalat	Kalat * ...	000	0	0	34	04	96	00	2	493	63	0	0	9	0	0	42	78
	Khuzdar * ...	000	0	0	31	07	96	05	0	448	82	0	0	8	0	0	54	85
	Panjgur * ...	000	0	0	36	02	94	07	0	488	97	0	0	9	0	0	56	80

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

STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (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, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Rangamati	011	4	3	36	02	98	01	6	059	82	1	2	7	3	1	75	77	—	—	—	—	—	—
Cox's Bazar	012	9	7	09	06	97	02	6	056	84	1	5	5	2	0	77	77	+ 3	+ 1	66.7	—36.3	74.5	140
Chittagong	035	4	6	00	00	96	02	6	056	86	6	0	9	3	0	77	77	+ 3	0	44.0	+28.8	97.1	108
Maijdee Court	000	9	2	C0	00	97	03	0	051	87	2	5	0	0	0	79	81	/	+ 3	10.4	—67.2	116.5	115
Comilla	000	0	0	18	05	96	02	0	C68	90	0	0	9	0	0	81	81		+ 4	77.0	+19.1	96.2	94
Brahmanbaria	000	0	5	00	C0	97	03	1	068	99	5	4	5	0	0	79	82	—	—	—	—	—	78
Sylhet	000	0	3	02	03	97	02	0	060	87	2	1	6	3	1	79	79	—	—	114.4	—	142.3	—
Srimangal	000	0	6	36	02	96	02	0	062	87	4	8	4	7	2	69	77	0	+ 2	55.5	— 1.7	37.0	98
Mymensingh	019	1	4	00	00	97	01	1	065	87	4	5	5	0	1	77	81	— 1	+ 3	55.6	— 0.7	71.0	91
Narayanganj	000	0	4	13	02	97	03	2	059	94	3	6	6	3	/	81	81	+ 1	+ 2	40.0	— 4.1	63.4	74
Dacca (Tezgaon)	000	0	5	00	C0	96	02	1	160	86	5	8	4	4	0	81	81	—	—	43.0	—	54.1	—
Faridpur	000	0	3	16	02	97	02	2	058	87	3	3	6	0	0	81	81	+ 2	+ 2	36.4	— 6.4	50.0	71
Barisal	C00	5	4	00	00	97	01	2	057	87	3	8	5	0	1	79	81	+ 3	+ 2	47.7	— 3.6	57.7	81
Khulna	000	0	2	00	00	97	03	0	053	90	0	2	4	0	0	81	82		+ 5	41.6	— 3.3	47.7	68
Satkhira	000	0	6	18	01	97	01	0	056	87	3	2	9	0	1	79	81	+ 1	+ 4	38.5	— 2.3	43.8	65
Jessore	005	9	6	00	00	97	03	0	058	87	6	4	4	0	0	81	81	—	—	36.5	— 3.3	45.0	65
Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—			—		59
Sirajganj	000	0	4	00	00	98	03	2	062	97	4	2	6	0	0	81	82	+ 3	+ 4	35.1	— 5.4	42.7	64
Rajshahi	000	0	3	18	03	97	01	1	062	87	2	5	5	2	0	81	81	+ 2	+ 3	48.0	—	61.2	—
Bogra	000	0	2	18	02	58	C3	1	054	90	2	2	6	0	0	81	82	+ 2	+ 4	34.2	—18.5	45.2	69
Dinajpur	022	2	3	02	02	96	//	/	064	87	5	0	9	2	/	81	81	+ 3	+ 3	60.6	+11.0	83.6	72
Rangpur	000	0	4	11	02	96	03	0	057	86	2	2	6	1	0	75	77	+ 2	0	55.0	— 0.3	74.5	84
Jammu																							—
Lahore (Jail Rd.)	000	9	5	23	03	96	02	6	046	81	5	6	4	2	0	75	79	— 5	+ 5	13.3	— 0.6	17.8	19
Sialkot																							32
Jhelum	083	3	7	05	05	97	29	9	061	89	6	9	6	3	0	68	69	—	—	—	—		—
Islamabad																							—
Rawalpindi	119	2	7	05	02	99	02	9	961	69	7	5	6	0	0	69	65	— 7	— 5	18.5	— 3.7	28.6	36
Campbellpur																							—
Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 18					15
Sargodha	012	5	3	09	02	97	01	9	041	79	2	5	6	3	0	73	73	— 2	—	16.0	—	19.1	—
Lyallpur	000	0	0	00	00	96	00	0	040	79	0	0	9	0	0	73	75	—	— 1	4.6	— 4.2	7.6	12
Sahiwal																							18
Multan	000	0	0	36	05	96	06	0	027	82	0	0	9	0	0	69	79	+ 1	0	0.0	+ 3.3	11.0	7
Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					6
Bahawalpur																		+ 4					6
Fort Abbas	///	/	0	00	00	98	00	0	015	65	0	0	9	0	0	78	77	/	—	0.7	—	6.8	8
Chakdra	0:7	3	7	05	05	97	01	9	974	65	6	2	9	4	1	//	64	—	—	6.2	—	16.4	—
Peshawar	007	5	3	36	03	57	01	9	077	78	1	5	6	3	0	65	65	— 11	— 7	4.7	— 0.6	13.6	11
Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
Bannu	000	0	4	00	00	97	03	2	043	78	2	2	7	0	7	64	76	—	—	0.6	—	4.5	11
D. I. Khan	187	6	2	05	03	97	01	9	048	73	2	0	9	3	0	73	69	— 5	— 8	3.5	— 1.7	6.0	9
Sibi	000	0	0	27	03	97	02	0	038	80	0	0	9	0	0	48	77	—	—	0.2	—	0.1	5
Nokkundi	000	0	0	31	19	96	02	0	134	62	0	0	9	0	0	23	58	—	—	0.0	—	0.3	2
Turbat	000	0	0	05	02	96	00	0	944	80	0	0	9	0	0	34	21	—	—	0.2	—	0.2	—
Jiwani	083	0	0	36	85	96	28	0	086	75	0	0	9	0	0	67	70	—	—	0.9	—	2.0	5
Pasni	030	0	0	05	08	95	07	0	074	78	0	0	0	0	0	43	60	+ 11	— 13	0.0	— 0.9	0.0	6
Ormara	000	0	0	00	03	92	05	5	057	81	0	0	9	0	0	48	16	—	—	0.0	— 0.8	0.6	6
Lasbela	///	0	2	00	00	98	00	0	042	76	0	0	8	0	0	43	43	—	—	0.7	—	0.7	8
Karachi (Manora)	000	0	0	29	05	96	01	0	029	80	0	0	9	0	0	49	76	— 2	— 1	1.0	— 4.8	1.1	8
Karachi (Ariport)	000	0	0	31	05	96	06	0	027	83	0	0	9	0	0	49	79	—	—	1.5	—	1.5	—
Nagarparker	080	0	6	18	02	97	02	0	091	80	0	6	6	0	0	77	78		—	0.1	—	0.1	—
Chhor	000	0	0	23	09	96	02	0	027	80	0	0	9	0	0	73	77	—	—	0.2	—	0.3	7
Hyderabad	000	0	0	00	00	95	05	0	031	79	0	0	9	0	0	73	76	+ 8	— 1	0.2	— 5.6	0.3	9
Badin	000	0	0	23	03	96	02	0	036	80	0	0	9	0	0	76	78	0	+ 2	0.3	— 6.8	0.3	—
Padidan	000	0	0	13	03	95	05	0	031	81	0	0	9	0	0	67	77	—	—	0.8	—	0.8	—
Nawabshah	000	0	0	13	02	//	06	0	035	78	0	0	9	0	0	71	74	—	—	1.1	—	1.1	4
Sukkur	000	0	0	05	05	95	05	4	023	80	0	0	9	0	0	47	75	—	—	0.1	—	0.1	—
Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					4
Jacobabad	080	0	0	31	07	96	02	0	028	81	0	0	9	0	0	36	75	+ 2	+ 5	1.0	— 1.2	0.8	20
Veraval																							26
HILL STATIONS																							—
Srinagar																							71
Gulmarg																							26
Sonamarg																							3
Dras																							6
Leh																							—
Skardu																							—
Misgar																							5
Aliabad																							59
Gilgit																							
Murree	121	2	8	11	16	96	03	9	481	54	8	5	3	/	/	49	57	— 6	— 4	—	—		18
Drosh	032	0	8	00	00	96	03	2	484	60	5	7	6	2	/	//	58	— 3	— 7	2.5	—	13.6	29
Cherat	000	0	0	00	00	98	00	2	459	67	0	0	9	0	0	55	//	— 8	/	3.1	— 0.4	13.4	—
Kakul																		—					—
Landikotal	008	0	0	31	05	98	02	8	467	69	0	0	9	0	0	69	47	—	—		—	—	29
Prachinar	008	0	0	00	00	96	05	0	479	63	0	0	9	0	0	45	58	+ 1	— 1	6.4	—	17.1	13
Miranshah	009	0	4	05	05	97	02	0	461	73	0	0	9	0	0	40	67	—	—	0.6	— 3.6	2.1	11
Wana	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...						11
Fort Sandeman	000	0	0	23	02	96	05	0	465	65	0	0	9	0	0	17	63	— 7	— 4	2.3	— 2.7	6.5	—
Hindubagh	000	0	0	23	03	95	05	0	541	48	0	0	9	0	0	15	40	—	—	2.7	—	6.0	9
Loralai	003	0	0	27	02	98	00	0	390	55	0	0	9	0	0	65	40	—	—	0.6	—	0.6	—
Barkhan																							14
Harnai	000	0	0	00	00	96	02	0	432	73	0	0	9	0	0	49	//	—	—	4.0	— 3.3	5.6	9
Samungli (Quetta)	000	0	0	00	00	94	05	0	501	4	0	0	9	0	0	25	40	—	—	0.5	— 0.5	3.1	8
Chaman	000	0	0	23	07	97	00	0	493	55	0	0	9	0	0	38	52	— 20	— 12	2.1	+ 2.0	4.8	—
Nushki	000	0	0	33	03	95	05	0	544	56	0	0	9	0	0	13	53	—	—	0.5	—	2.6	4
Dalbandin	000	0	0	05	03	95	05	0	501	58	0	0	9	0	0	15	51	— 18	— 13	0.0	— 0.2	0.5	7
Kalat	000	0	0	31	02	97	02	0	496	46	0	0	9	0	0	30	36	— 6	— 13	0.8	— 0.3	2.2	—
Khuzdar	003	0	0	31	02	96	02	0	464	67	0	0	9	0	0	44	61	—	—	1.8	—	3.2	5
Panjgur	000	0	0	00	00	95	05	0	492	61	0	0	9	0	0	37	57	— 16	/	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

MONDAY THE 15th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$iYYGG_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_N$	D_sV_sa PP	7RR t_at_a	$8N_sCh_sh_s$	$OT_xT_xT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Victoria	99 1 36	10 6 83	14 1 23	42 7 04	98 0 30	10 9 28	44 7 03	54 3 10			05 4 20			
Victoria	99 1 51	10 6 93	14 0 43	02 2 04	98 0 01	13 3 26	03 9 00	54 1 10			00 4 25	12 8 00		

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
		PoPoPo ToToTo DoDo	hhh TTs DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	002 238 15	...	420 186 50	105 082 35	582 059 12	754 161 50	965 291 59	242 503 //	...	...	...	...	...
Dacca ...	00 00	003 278 06	...	420 190 32	109 102 25	584 053 42	757 186 57	971 275 57	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	999 280 66	...	450 230 62	078 070 47	578 065 //	750 125 //	967 211 //	...	...	...	...	...	...
Multan ...	00 00	917 268 23	...	400 176 //	071 056 //	573 101 //	760 091 //	997 221 //	...	...	...	...	...	...
Peshawar ...														
Quetta ...	00 00	110 106 59	...	...	069 022 17	567 19 //	716 287 //	927 287 //	...	...	...	...	...	...
Sargodha ...		MISDA	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.								Max. Wind Speed	TROPOPAUSE	
		PPP TT T_s DD								PmPmPm dmdm fmfmfm	$P_tT_tP_tT_sT_sT_{as}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 214 //	800 160 45	600 036 43	350 221 59	...	...	...	...	...	...	...	...
Decca ...	00 00	900 224 09	800 160 22	...	350 195 57	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...													
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...		MISDA	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds tens and units of millibars.
DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
T_s—Approximate conch value in (0 °C) even values indicase positive and odd values indicare negative temperatures.

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	3.4	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	220 06	180 05	175 04	150 04	090 04	120 03	075 06	...	...	075 04	095 05	090 08	085 09	085 08	...	130 01	...	...	...	...	...	...	...	...	...	...
Chakla's ...		095 09	075 11	080 02	260 01	220 10	250 12	...	...	No		Ascent					010 09	075 09	105 11	140 03	235 10	250 51	...	255 18	...	...
Chhor ...	225 08	215 07	185 06	025 02	340 12	310 17	320 14	/// //	300 17	210 24	210 21	220 17	100 18	295 06	340 12	180 08	195 09	240 10	270 11	245 07	220 08	220 10	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	010 03	115 03	040 03	010 11	040 10	070 09	...	...	...	...	...
Cox's Bazar ...	230 10	215 05	195 04	170 97	145 16	...	110 11	090 08	055 08	130 05	130 03	075 05	040 07	035 09	015 11	220 06	275 04	275 03	050 07	175 02	...	...	...	...	...	...
Dacca ...	175 04	155 04	155 04	155 85	140 03	130 15	...	...	...	040 08	115 06	115 06	/// //	115 05	/// //	060 01	120 02	155 02	135 04	CBO //	/// //	...	030 19	...	...	...
Dalbandin ...	...	...	070 10	075 02	338 03	...	...	...	...	...	...	020 07	345 13	345 15	340 28	...	...	095 04	320 16	345 23	315 11	300 29	310 32	300 34	...	...
D. I. Khan ...	075 6/	100 04	150 06	140 06	190 06	260 12	265 19	265 17	240 10	250 02	260 02	275 06	350 14	...	...	010 04	030 08	145 11	015 10	355 09	225 11	220 25	220 24	225 27	...	...
Drosh ...	...	...	...	240 10	220 11	185 12	...	...	...	...	...	...	135 02	135 07	115 03	...	...	...	015 10	225 01	230 02	265 09	...	...	...	...
Fort Sandeman ...	...	...	...	290 04	240 05	250 16	250 16	255 30	245 37	...	...	...	220 06	265 06	210 01	...	...	...	325 77	340 06	290 09	210 29	215 31	210 29	...	...
Jacobabad ...	340 17	335 17	335 16	325 15	290 12	245 15	240 17	265 10	...	125 47	325 48	310 42	225 18	235 10	255 31	335 27	340 31	335 25	335 16	240 15	215 17	165 09	160 06	195 17	...	...
Jessore ...	130 13	135 13	135 12	160 09	220 05	095 07	100 09	...	085 04	090 05	085 08	095 09	120 11	120 18	100 06	125 08	105 06	110 07	100 77	/// //	095 10	...	...	...	...	...
Jhelum ...	355 04	355 06	330 06	035 02	200 01	220 05	260 17	255 33	240 27	100 10	125 17	145 13	180 10	...	...	030 01	020 06	015 05	235 01	270 03	225 10	215 37	215 31	225 13	...	...
Jiwani ...	340 08	345 13	345 15	...	...	...	...	...	...	070 11	035 13	020 15	035 18	335 10	315 27	105 17	005 22	005 24	...	...	...	...	...	...	...	...
Karachi ...	285 12	310 05	...	...	...	...	...	...	...	...	...	...	...	...	...	310 03	305 03	300 04	...	...	...	...	...	...	...	...
Khanpur ...	050 01	051 20	020 09	335 01	260 13	350 17	...	...	...	/15 16	300 16	210 15	245 12	255 08	205 20	025 22	030 23	025 25	020 25	310 31	028 03	235 15	190 21	165 43	...	...
Lahore ...	001 23	330 02	280 04	215 02	195 02	...	...	...	...	120 12	145 18	125 15	110 10	095 03	170 04	130 13	100 15	135 11	120 10	111 //	060 05	211 52	221 08	225 22	...	...
Multan ...	150 08	135 08	135 10	075 08	255 08	260 17	225 24	260 16	255 28	030 36	003 29	053 14	195 06	255 14	195 14	030 12	030 14	035 14	135 04	200 05	195 15	...	...	...	...	...
Nawab Shah ...	350 02	025 03	055 03	305 05	280 12	275 12	335 08	335 12	345 16	350 03	315 07	155 06	155 17	185 10	210 10	050 10	045 15	070 11	200 05	195 13	170 06	...	...	...	...	...
Panjgur ...	...	...	...	345 19	335 23	...	...	...	...	...	...	...	...	...	...	...	...	...	335 15	330 17	325 25	...	...	...	...	...
Peshawar ...	...	035 05	165 03	125 08	215 03	205 13	270 14	...	...	...	...	...	...	...	...	...	115 05	040 05	060 10	050 05	210 10	237 26	210 31	...	...	...
Quetta ...					265 14	250 13		250 23	255 34	...	...	...	...	255 07	275 10					255 08	/// //	275 20	/// //	310 30	...	...
Sargodha ...	095 09	105 12	100 13	360 02	265 07	005 05	350 11	...	...	...	No	Ascent	...			025 10	105 04	160 04	180 08	255 10	...	...	...	...	...	...
Sylhet ...	255 02	170 05	158 09	140 13	120 10	...	...	055 11	053 07	085 06	055 01	070 05	070 06	108 09	120 14	105 09	105 09	/// //	090 14	100 22	100 12	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	310 23	290 25	230 23	230 13	235 13	250 13	015 08	360 08	330 12	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

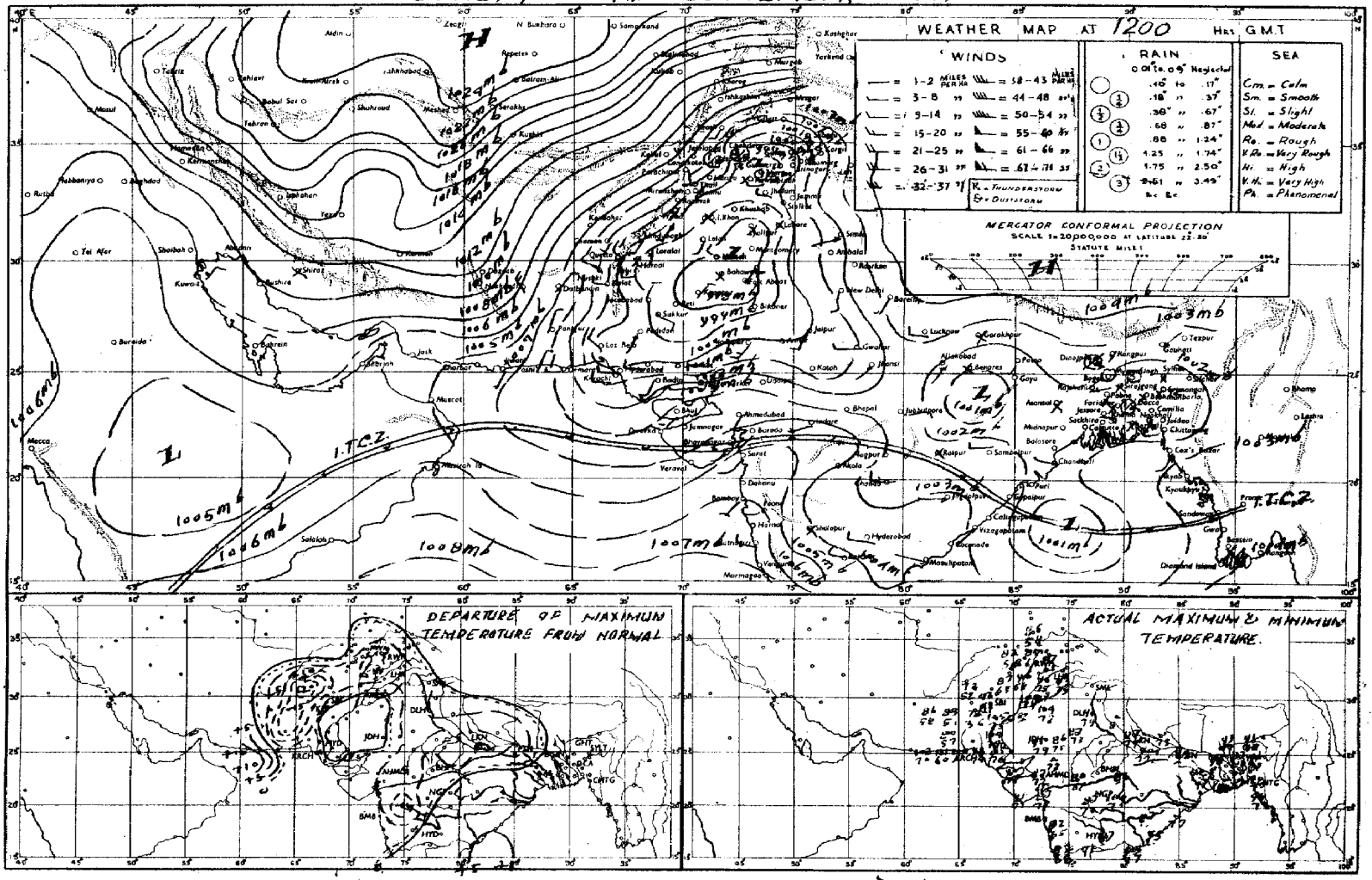
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
ff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

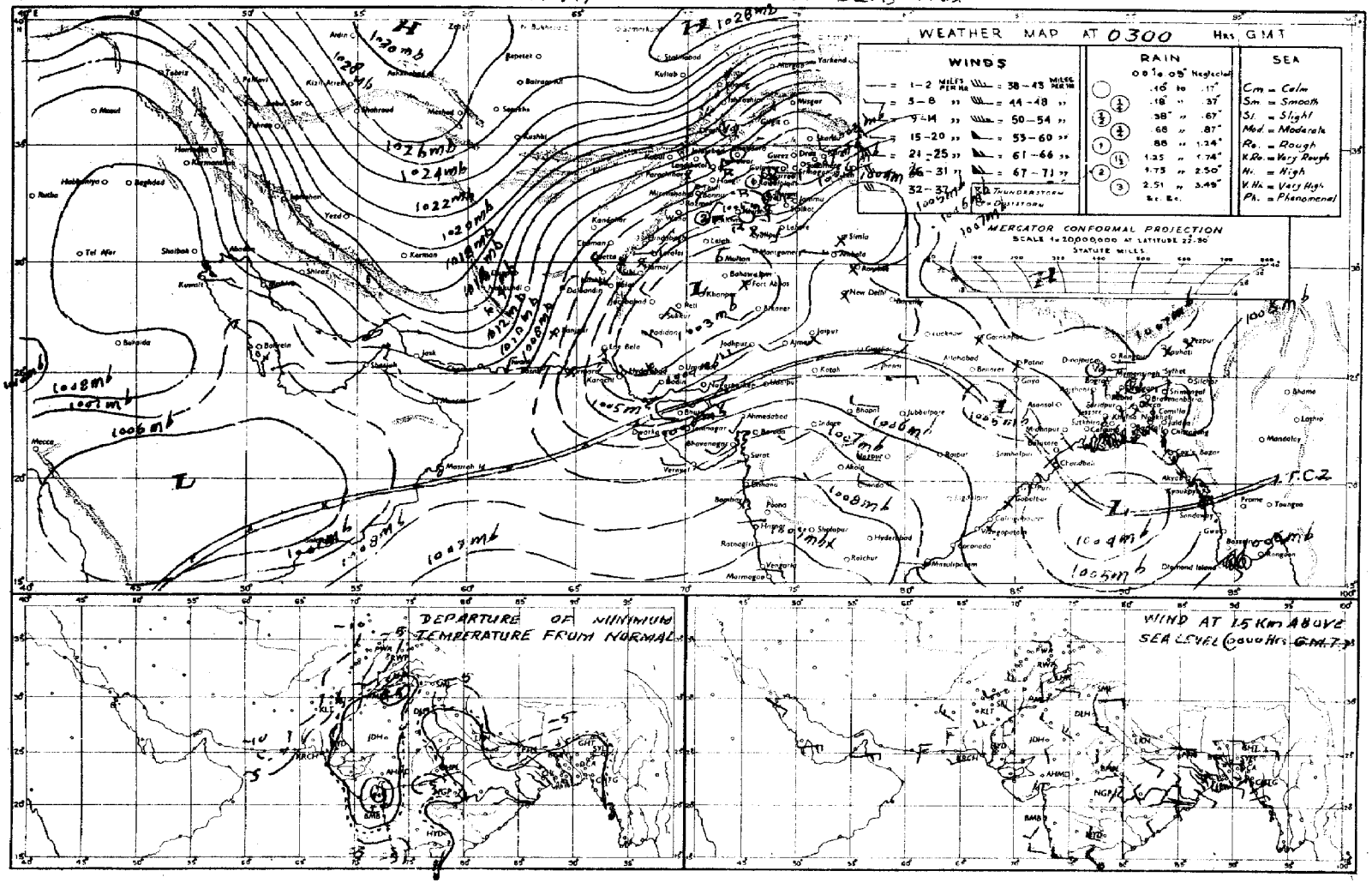
SUNDAY 14th SEPTEMBER 1969



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

PAKISTAN DAILY WEATHER MAP

MONDAY 15th SEPTEMBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

TUESDAY THE 16th SEPTEMBER 1969.

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

Yesterday,s low pressure area over north adjoining central Bay of Bengal persists. Rain/thundershowers have been local in Chittagong division and scattered in Rajshahi division. The westerly low pressure wave over Kashmir moved away. A low pressure area has developed over north east Arabian Sea off sind coast. Thunderstorm/showers have been scattered in Peshawar and Sargodha divisions. A few falls of light rain have occurred in Rawalpindi division.

Chief amounts of rainfall are: Sargodha 1", Chittagong 3/4", Bogra ½", Rangamati, Cox's Bazar and Chakdara ½" each.

Day temperatures were 8 – 18 °F (4—10 °C) below normal in Lahore, Rawalpindi, Sargodha, Peshawar, Quetta, Kalat divisions, 3—7 °F (2—4 °C) so in Bahawalpur division and were 7— 14 °F (4—8 °C) above normal in Karachi and Hyderabad and in East Pakistan.

Forecast valid until the evening of 17th September 1969 : —Rain/thundershowers will be scattered in east Pakistan and Rawalpindi, Lahore and Hyderabad divisions.

Karachi-11
The 16th September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	2	18	02	97	01	0	022	87	2	8	7	0	0	80	91
	Cox's Bazar	000	0	4	23	06	96	01	2	023	87	1	3	5	6	1	80	90
	Chittagong	0C0	0	4	25	02	96	02	2	014	87	2	4	4	3	1	77	90
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Comilla	000	0	0	C0	00	96	02	0	015	90	0	0	9	0	0	80	91
	Brahmanbaria	000	0	2	00	C0	97	01	1	014	90	2	4	5	0	0	78	90
	Sylhet	C00	0	2	00	00	97	03	0	012	87	1	5	6	3	1	78	93
	Srimangal	000	0	0	C0	C0	96	00	0	023	84	0	0	9	0	0	80	94
Dacca	Mymensingh	000	0	2	C0	00	96	01	1	033	90	2	5	6	0	0	80	91
	Narayanganj	0C0	0	1	00	00	96	01	1	012	91	0	0	8	3	1	82	93
	Dacca (Tezgaon)	000	0	2	C0	00	97	01	0	014	90	1	2	5	4	0	77	94
	Faridpur	008	0	0	16	02	98	00	0	012	90	0	0	9	0	0	77	93
Khulna	Barisal	000	0	3	C0	00	96	01	2	016	90	3	8	5	0	0	80	91
	Khulna	0C0	0	2	00	00	97	03	0	018	91	0	2	4	0	0	90	95
	Satkhira	0C0	0	6	18	01	97	C0	1	017	82	2	3	9	0	0	80	90
	Jessore	080	0	3	15	03	97	02	C	013	90	1	2	5	0	1	78	93
Rajshahi	Pabna	000	0	3	00	00	99	01	1	012	91	0	0	9	0	3	78	93
	Sirajganj	000	0	2	00	00	97	01	1	017	87	2	2	6	0	0	78	90
	Rajshahi	000	0	3	00	00	96	01	1	018	87	2	5	5	2	0	80	93
	Bogra	042	4	4	00	00	96	01	6	016	82	2	1	5	0	2	80	93
	Dinajpur	000	9	4	09	02	96	01	1	027	87	4	0	9	4	1	80	91
	Rangpur	000	0	3	00	00	96	01	1	023	85	1	2	6	1	0	78	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	3	05	05	96	02	1	039	82	1	1	/	3	0	72	87
	Sialkot	...	...	...	...	...	..	...	..	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	086	2	2	09	02	58	01		039	//	0	0	9	0	1	70	85
	Islamabad																	
	Rawalpindi	000	0	0	00	00	99	00	0	038	82	0	0	9	0	0	67	85
	Campbellpur																	
Sargodha	Khushab	000	0	2	09	//	98	01	2	040	85	0	0	9	0	2	78	86
	Sargodha	093	7	2	09	05	97	03	9	034	82	1	1	6	0	2	70	85
	Lyallpur	080	8	5	36	02	56	02	0	C37	80	5	3	8	0	0	64	85
Multan	Sahiwal	000	0	4	36	09	94	07	1	015	90	4	9	6	0	0	67	98
	Multan	000	0	0	23	02	95	00	0	032	95	0	0	9	0	0	73	95
	Leiah																	
Bahawalpur	Khanpur	000	0	0	36	09	96	05	0	001	96	0	0	9	8	0	68	98
	Bahawalpur	000	0	0	00	00	96	C0	0	976	98	0	0	9	8	0	72	02
	Fort Abbas	///	/	0	05	02	98	00	0	996	12	0	0	9	0	8	86	12
Peshawar	Chakdra	...	...	...	...	...	...	...		...		...	..	...	...	...	...	..
	Peshawar	006	0	1	C0	00	97	02	0	039	85	1	3	6	3	0	63	86
	Haripur	080	8	0	23	03	58	33	3	044	66	0	0	9	0	8	70	87
D. I.-Khan	Bannu	000	0	7	16	03	98	03	2	026	87	3	2	7	0	7	63	91
	D. I. Khan	000	0	0	C0	00	58	08	0	033	78	0	0	9	0	0	72	90
Quetta	Sibi	000	0	0	18	03	97	02	0	866	02	0	0	9	0	0	64	03
	Nokkundi	000	0	0	31	23	95	05	0	074	81	0	8	9	0	0	32	81
Kalat	Turbat	000	0	0	05	02	96	00	0	922	98	0	0	9	8	0	37	98
	Jiwani	000	0	0	27	16	95	07	4	053	88	0	0	9	0	0	79	99
	Pasni	000	0	0	05	12	97	02	0	948	99	0	0	9	0	0	35	80
Karachi division	Ormara	000	0	0	27	16	96	02	0	044	92	0	0	9	0	0	68	99
	Lasbela	///	/	/	//	00	98	C0	0	998	07	0	0	8	0	0	30	08
	Karachi (Manora)	080	0	0	27	09	96	02	0	019	82	0	0	9	0	0	69	84
	Karachi (Airport)	000	0	0	27	10	56	C6	8	019	53	0	0	9	0	9	80	00
Hyderabad	Nagarparkar	000	0	6	18	02	97	02	0	C59	55	0	6	6	0	0	94	96
	Chhor	000	0	0	23	02	96	02	0	011	98	0	0	9	0	0	58	01
	Hyderabad	000	0	0	27	03	55	05	0	013	10	0	8	9	0	0	54	04
	Badin	000	0	0	23	03	56	02	0	043	03	0	0	9	0	0	65	02
Khairpur	Padidan	000	0	0	36	03	95	C5	0	017	99	0	0	9	0	0	56	00
	Nawabshah	800	0	0	36	03	96	C6	0	016	0	0	0	9	0	0	45	02
	Sukkur	000	0	0	13	03	95	C5	4	994	01	0	0	9	0	0	68	C2
	Kashmore	..	...	...	...	..	...	...	..		...			..	...	..		...
	Jacobabad	C80	0	0	16	03	96	C5	0	018	98	0	0	9	0	0	57	07
Junagadh	Veraval																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	2	09	07	98	01	1	472	62	2	1	4	0	0	46	65
Peshawar	Drosh *	000	0	6	23	05	97	03	1	450	77	3	1	7	0	0	46	77
	Cherat *	000	0	0	36	03	98	00	0	467	77	0	0	9	0	0	59	78
	Kakul *	000	0	0	31	02	98	01	2	466	77	0	0	9	/	/	58	78
	Landikotal *	000	0	8	31	05	98	03	8	337	72	8	7	9	0	0	72	80
	Prachinar *	0C0	4	6	09	03	96	12	9	477	64	6	9	6	0	8	43	76
D.I. Khan	Miranshah *	000	0	4	05	05	97	00	0	463	85	4	0	7	0	0	63	86
	Wana *	000	0	0	00	00	99	C0	0	466	88	0	0	9	8	0	47	88
Quetta	Fort Sandeman *	000	0	0	23	03	96	05	0	447	83	0	0	9	0	0	01	84
	Hindubagh *	000	0	0	20	05	94	05	0	497	69	0	0	9	0	0	44	72
	Loralai *	000	0	0	18	02	98	00	0	421	95	0	0	9	0	0	65	97
	Barkhan *																	
	Harnai *	000	0	0	00	80	96	00	0	444	92	0	0	9	0	0	05	93
	Samungli (Quetta) *	000	0	0	31	05	96	05	0	480	75	0	0	9	0	0	35	77
	Chaman *	000	0	0	23	09	97	00	0	487	75	0	0	9	0	0	48	75
	Nushki *	000	0	0	31	04	95	05	0	553	75	0	0	9	0	0	42	76
	Dalbandin *	000	0	0	13	17	95	05	0	404	81	0	0	9	0	0	10	83
Kalat	Kalat *	000	0	0	31	02	97	02	0	463	66	0	0	9	0	0	49	71
	Khuzdar *	000	0	0	31	03	97	05	0	450	85	0	0	9	0	0	65	87
	Panjgur *	000	0	0	31	09	95	05	0	479	79	0	0	9	0	0	52	82

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 clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (30)	Low Cloud ferm † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	034	9	2	31	02	98	01	9	064	90	1	2	7	3	1	80	79	—	—		—	—	—
	Cox's Bazar	026	9	4	00	00	97	01	6	058	84	1	1	5	3	0	76	77	+ 3	+ 1	67.0	—36.3	74.7	140
	Chittagong	030	0	2	00	00	96	01	2	055	86	2	5	5	0	0	77	80	+ 3	+ 3	44.7	+27.7	98 0	108
	Maijdee Court	000	9	4	18	02	57	03	2	058	90	4	2	5	2	1	80	82		+ 3	10.4	—67 0	116 5	115
	Comilla	000	0	0	C0	00	96	02	0	C67	83	0	0	9	0	0	80	//	+ 2	/	77.0	+18.6	56.2	94
	Brahmanbaria	0.0	0	5	00	C0	97	03	1	060	92	5	4	5	0	0	//	84	—	—	—	—	—	78
	Sylhet	C00	0	4	09	05	97	02	0	059	96	4	4	5	0	0	80	79	—	—	114,4	—	142 3	—
	Srimangal	000	0	0	00	00	56	02	0	064	87	0	0	9	0	0	90	79	—	+ 4	55.5	— 1.3	77.0	98
Dacca	Mymensingh	000	0	4	00	C0	97	01	1	C67	90	4	5	5	0	0	77	82	+ 3	+ 4	55.6	— 1.3	71.0	91
	Narayanganj	000	0	4	05	02	97	03	2	061	94	3	6	6	3	1	80	84	+ 4	+ 5	40.0	— 4.4	63.3	74
	Dacca (Tezgaon)	0C0	0	4	09	02	97	03	0	076	90	3	8	5	4	0	80	82	—	—	43.0	—	54.0	—
	Faridpur	000	0	2	05	02	97	01	1	059	90	3	3	6	0	0	80	80	+ 5	+ 2	36.4	— 7.7	50 0	71
Khulna	Barisal	000	0	2	C0	00	97	01	0	051	87	2	8	5	0	0	84	82	+ 3	+ 4	47.7	— 4.0	57.7	81
	Khulna	000	0	2	C0	00	97	03	0	042	90	2	2	5	0	0	//	82	+ 7	+ 5	41.6	— 4.5	47.7	68
	Satkhira	000	0	6	23	01	97	00	1	C58	87	2	3	5	3	0	80	//	+ 1	/	38.5	— 4.6	43 8	65
	Jessore	0C0	0	3	32	03	97	C3	0	060	87	3	4	4	0	0	80	90	—		36.5	— 3.6	45.0	65
Rajshahi	Pabna	000	0	4	C0	00	99	03	0	057	90	4	2	6	0	0	80	84	—	—	—	—	—	59
	Sirajganj	000	0	2	00	00	98	02	2	858	90	2	2	6	0	0	80	80	+ 3	+ 2	35.1	— 5.7	42.7	64
	Rajshahi	C00	0	2	36	02	97	01	1	058	90	2	5	5	0	0	80	80	+ 5	—	48.0	—	62.1	—
	Bogra	042	0	0	00	00	96	C2	0	059	90	0	0	9	0	0	79	77	+ 4	— 1	34.2	—11.0	45.2	69
	Dinajpur	000	2	3	0?	02	96	01	1	C54	90	3	0	9	4	0	79	80	+ 2	+ 2	65.6	+10.4	83.6	72
	Rangpur	000	0	1	00	00	96	01	0	058	87	1	0	9	1	0	75	77	+ 2	0	55.0	— 0.7	74.5	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	CC0	0	1	00	00	95	05	8	077	82	0	0	9	0	1	73	75	— 11	+ 3	13 3	— 0.7	17.8	19
	Sialkot	000	0	0	00	00	97	08	0	020	84	0	0	9	0	0	48	78		+ 4	—	—	—	32
Rawalpindi	Jhelum	003	0	0	31	02	97	02	0	C84	75	0	0	9	0	0	67	70	—	—	21.1	—	29.3	—
	Islamabad																							—
	Rawalpindi	000	0	0	00	00	98	00	0	092	70	0	0	9	0	0	63	67	— 9	— 2	18 5	— 4.0	28.6	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	00	97	C0	0	083	75	0	0	9	0	0	72	72	— 14	— 4	—	—	—	15
	Sargodha	091	8	0	00	00	97	04	0	081	79	0	0	9	0	0	72	72	—	—	16.2	—	19.2	—
	Lyallpur	000	0	0	00	00	96	00	8	079	79	0	0	9	0	8	72	73	— 13	— 1	4.6	— 4.2	7.6	12
Multan	Sahiwal	000	0	1	36	02	97	02	8	075	80	1	0	9	3	0	73	75	— 1	— 2	8.0	+ 3.3	11.0	10
	Multan	000	0	8	27	02	92	02	0	064	80	8	8	5	0	0	67	73	—	—	—	—	—	7
	Leiah																							8
Bahawalpur	Khanpur	000	0	0	36	05	97	02	0	073	80	0	0	9	0	0	67	73	— 3	— 2	—	—	—	6
	Bahawalpur	0C0	0	0	00	00	96	00	0	073	82	0	0	9	0	0	72	75	+ 2	+ 1	—	—	—	6
	Fort Abbas	000	0	0	05	02	98	00	0	C09	80	0	0	9	0	0	73	79	—	—	—	—	—	8
Peshawar	Chakdra	030	0	0	05	03	58	02	8	C87	67	0	0	9	0	0	59	60	—	—	7.2	—	16.7	—
	Peshawar	000	0	0	09	03	58	03	0	097	70	0	0	9	0	8	63	67	— 10	— 4	4 6	— 9.6	13.6	11
	Haripur	000	0	0	05	03	98	00	0	091	75	0	0	9	0	0	60	67	—	—	—	—	—	—
D. I.-Khan	Bannu	000	0	6	31	02	58	02	2	081	75	0	0	9	0	7	63	72	—	—	0 6	—	4.5	11
	D. I. Khan	000	0	1	00	00	55	05	0	091	79	1	0	9	3	0	72	73	— 11	— 2	3.5	— 1.7	6.0	9
Quetta	Sibi	000	0	0	27	03	97	02	0	072	77	0	0	9	0	0	59	74	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	31	05	56	06	0	036	63	0	0	9	0	0	30	61	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	05	02	96	00	0	044	82	0	0	9	0	0	34	21	—	—	0.2	—	0.2	—
	Jiwani	000	0	0	36	05	95	05	0	084	74	0	0	9	0	0	53	72	—	—	0.0	—	2.0	5
	Pasni	000	0	0	31	08	97	02	0	072	80	0	0	0	0	0	54	60	4 10	— 13	0.0	— 0.8	0.0	4
Karachi division	Ormara	000	0	0	00	00	94	05	5	061	85	0	0	9	0	0	70	19	—	—	0.0	— 0.8	0.6	8
	Lasbela	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
	Karachi (Manora)	000	8	0	09	07	96	02	0	059	78	0	0	9	0	0	73	76	— 1	— 1	1.0	— 4.9	1.1	8
	Karachi (Airport)	000	0	0	C9	08	95	06	0	061	78	0	0	9	0	0	72	74	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar	...	..	...	...	...	...	...	...	...	...	...	...	..	...		...	...	—					7
	Chhor	000	0	0	23	05	//	//	/	596	02	2	0	0	5	4	77	//	—	/	0 2	—	0.3	9
	Hyderabad	000	0	0	23	02	97	02	0	074	77	0	0	9	0	0	69	73	+ 7	— 3	0.2	— 5.6	0.3	—
	Badin	000	0	0	00	00	96	02	0	028	74	0	0	9	0	0	69	73	+ 7	— 3	0 3	— 6.8	0.3	—
Khairpur	Padidan	000	0	0	05	03	95	02	0	067	82	0	0	9	0	0	67	72	—	—	0.8	—	0.8	4
	Nawabshah	000	0	0	00	00	96	06	0	073	75	0	0	9	0	0	65	69	—	—	1.1	—	1.1	—
	Sukkur	000	0	0	02	05	96	02	0	067	84	0	0	9	0	0	72	79	—	—	0.1	—	0.1	4
	Kashmore	080	0	0	05	02	97	05	4	998	97	0	0	9	0	8	67	00		—	—	—	—	20
	Jacobabad	080	0	3	18	20	//	02	0	076	83	0	0	9	0	0	61	78	+ 4	+ 2	1 0	— 1.2	0.8	26
Junagadh	Veraval																							—
HILL STATIONS																								
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	000	0	0	09	03	98	00	1	494	60	0	0	9	0	0	43	54	— 5	— 2	—	—	—	18
Peshawar	Drosh *	009	0	0	00	00	98	02	0	426	58	8	0	9	0	0	43	56	—	— 8	—	—	—	29
	Cherat *	000	0	0	36	05	98	00	0	477	67	0	0	9	0	0	47	//	— 7	/	3.1	— 8.4	13.4	—
	Kakul *	000	0	0	09	02	98	02	0	498	70	0	0	9	0	0	56	60	—	—	—	—	—	—
	Landikotal *	008	0	0	36	02	98	02	0	417	67	0	0	9	0	0	64	58	—	—	—	—		29
	Prachinar *	003	0	0	00	00	98	02	0	507	63	0	0	9	0	0	41	59	— 5	— 4	6 4	—	17 1	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	392	72	0	0	9	0	8	58	65	—	—	0.6	— 3.6	2 1	11
	Wana *	000	0	0	00	00	99	00	0	384	72	0	0	9	0	0	50	59	—	—	—	—	—	11
Quetta	Fort Sandeman *	000	0	0	00	00	96	05	0	493	66	0	0	9	0	0	52	63	— 10	— 1	2.2	— 2.7	6.5	—
	Hindubagh *	000	0	0	27	03	96	02	0	534	52	0	8	9	0	0	55	35	—	—	2.7	—	6.0	9
	Loralai *	000	0	0	27	02	98	80	0	390	55	0	0	9	0	0	50	40	—	—	0.6	—	0.6	—
	Barkhan *																							14
	Harnai *	000	0	0	12	09	96	02	0	479	72	0	0	9	0	8	15	93	—	—	4.0	— 3.4	5.6	9
	Samungli (Quetta) *	000	0	0	00	00	96	05	0	519	50	0	0	9	0	0	30	35	—	—	—	—	—	8
	Chaman *	000	0	0	08	00	97	00	0	519	63	0	0	9	0	0	35	54	— 17	— 9	2.1	— 2.0	4.8	—
	Nushki *	000	0	0	07	05	95	05	0	554	65	0	0	9	0	0	20	54	—	—	0.5	—	2.6	4
	Dalbandin *	000	0	0	00	00	95	05	0	500	61	0	0	9	0	0	07	49	— 18	+ 14	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	8	09	02	97	02	8	508	47	0	0	9	0	0	09	//	— 13	/	0.8	— 0 3	2,2	—
	Khuzdar *	000	0	0	00	00	96	02	0	480	63	0	0	9	0	0	55	56	—	—	—	—	—	5
	Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 14					—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When ever 999 is given RRR, see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 16th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$iYYGG_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_gR	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dmra	99 2 20	10 6 30	15 6 63	82 6 08	98 0 22	07 2 27	86 4 03	...	73 2 05		00 2 25	...	30 2 01	26 6 03
Dumra	99 2 29	10 6 81	15 1 23	02 7 07	96 0 50	04 2 27	00 9 00	...	73 6 04		00 3 22	...	30 2 01	26 6 02
Litoria ...	90 8 67	10 6 22	15 1 23	02 7 03	98 0 00	11 2 29	02 9 08	54 3 00	...		00 0 00	...		
Chevronthah Angue	99 2 44	10 5 81	15 4 23	00 4 04	99 0 20	08 3 30	00 9 00	...	...		0 / / 16	12 9 79	30 2 01	26 0 02
Cheuron	99 1 69	19 6 74	15 1 23	32 9 15	98 0 20	08 8 28	22 5 40	54 3 04	...		0 / / 23	12 8 42	30 4 03	26 5 04
ChevarFna in Dhouen	99 1 79	10 6 62	15 0 63	22 6 16	98 0 21	10 9 28	12 5 10	33 2 07	...		0 / / 22	12 7 21	30 4 03	25 5 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
		$P_oP_oP_o$ $T_oT_oT_o$ D_oD_o	hhh TT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	002 266 11	...	153 108 28	312 090 26	585 049 24	755 119 60	973 279 59	250 501 / /	...	...	...	...	...
Dacca ...	00 00	003 280 13	...	390 188 56	105 104 57	573 061 45	755 031 58	970 271 59	248 507 / /	...	...	...	...	...
Gilgit ...										...				
Jiwani ...										...				
Karachi ...	00 00	968 260 40	...	400 200 30	032 709 04	574 065 / /	743 181 / /	953 305 / /	233 751 / /	...	...	...	...	...
Multan ...	00 00	993 256 17	...	403 100 56	181 086 60	580 055 / /	751 191 / /	964 251 / /	247 435 / /	...	...	...	...	...
Peshawar ...	00 00	968 200 50	...	450 150 57	101 084 50	579 091 / /	749 145 / /	963 215 / /		...	...	...	...	...
Quetta ...										...				
Sargodha ...	00 00	994 254 56	...	500 220 57	087 080 50	577 095 / /	746 177 / /	958 281 / /	242 391 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD								Max. Wind Speed	TROPOPAUSE
										PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_{at}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 214 30	800 164 20	600 030 57	350 185 58	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 220 42	800 154 50	600 018 57	350 195 58	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...		...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00			...									
Sargodha ...		...	...	...	...	...	...	...	...	...	...	...	...

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.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	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
Bogra ...	225 02	145 06	145 04	135 07	130 10	170 07	100 05	...	...	330 04	310 04	320 03	360 08	030 07	075 09	085 10	090 15	150 06	060 07	070 12	095 13	...	...	...	...	...
Chaklala ...		115 07	105 01	075 11	080 07	270 10	240 26	225 36	220 35	...	300 06	305 05	295 06	330 08	340 12	...	265 02	310 05	310 04	285 01	290 10	275 07	178 17	190 18	...	...
Chhor ...	230 09	230 10	215 08	220 08	230 08	215 06	145 04	185 11	260 05	...	...	...	...	...	...	215 05	215 02	230 05	240 07	230 13	...	...	...	...	...	...
Chittagong ...	260 09	315 10	315 12	340 08	065 05	085 09	055 17	020 14	055 08	...	...	...	...	...	...	340 07	360 03	030 05	055 11	075 15	135 12	085 22	075 23	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	020 12	015 16	025 13	035 11	030 14	...	240 25	190 12	190 09	503 11	130 15	115 17	120 34	085 32	085 22	...	...
Dacca ...	288 04	295 03	340 03	360 03	040 03	105 08	095 13	110 15	095 15	...	...	080 01	010 07	030 15	050 29	020 04	040 05	065 06	080 08	080 10	120 12	...	...	...	...	...
Dalbandin ...	...	115 07	080 13	836 11	350 13	300 20	305 26	310 38	...	020 14	355 08	360 08	360 03	340 04	080 04	015 01	035 03	045 03	035 06	330 07	235 04	200 10	205 04	215 03	...	...
D. I. Khan ...	095 04	080 05	075 05	080 08	/// //	075 05	...	...	...	...	...	...	045 10	035 07	15 15	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	..	...	...	...	...	...	...	...	...	...	...	...	320 01	345 06	330 02	...	...	...	055 04	030 01	195 06	240 04	240 02	245 02	...	...
Fort Sandeman ...	...	...	...	270 03	240 07	215 12	230 34	250 44	250 46	...	...	...	295 06	295 08	275 12	325 08	045 04	020 09	020 21	870 29	208 90	100 09	150 17	170 29	...	...
Jacobabad ...	125 04	355 04	345 04	305 04	225 07	220 18	200 22	200 31	...	330 07	320 06	300 4/	340 04	065 07	095 09	040 85	015 04	065 04	065 9	080 10	105 11	115 16	125 13	145 12	...	...
Jessore ...	115 06	135 06	150 05	185 06	140 18	085 01	110 11	085 16	080 13	305 11	320 05	330 04	040 05	065 07	095 09	040 85	015 04	065 04	065 9	080 10	105 11	115 16	125 13	145 12	...	...
Jherium ...	010 03	085 08	085 05	175 04	170 06	310 15	260 21	240 29	230 35	320 09	065 08	360 04	360 09	290 08	270 07	325 06	320 09	320 10	320 06	295 07	265 11	215 11	235 17	240 26	...	...
Jiwani ...	265 23	275 28	...	...	...	...	...	...	...	030 17	038 23	025 19	035 21	335 16	350 15	020 15	030 17	...	...	...	...	...	...	...	...	...
Karachi ...	250 09	255 04	055 08	040 06	210 03	330 05	...	...	...	...	...	...	...	...	...	145 06	130 08	120 10	140 14	140 21	150 17	055 12	015 16	025 15	...	...
Khanpur ...	015 13	025 15	025 20	010 15	333 09	290 09	280 20	285 25	...	030 55	048 71	045 31	035 19	015 05	340 10	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	020 12	050 10	055 13	060 16	050 08	335 06	275 27	265 22	288 25	155 10	050 11	055 08	360 06	290 03	285 07	020 03	360 03	005 04	040 05	...	...	...	...	...	...	...
Multan ...	075 11	080 14	095 10	105 05	...	...	...	...	...	075 08	035 08	355 08	025 08	085 07	070 06	015 04	040 15	040 17	035 17	030 17	320 04	330 08	265 27	260 34	...	...
Nawab Shah ...	535 05	345 05	345 04	250 04	060 04	...	...	...	...	325 01	060 03	465 05	105 06	159 08	185 12	295 03	060 03	855 04	155 07	155 10	170 14	015 04	360 13	355 14	...	...
Panjgur ...	...	...	...	360 12	005 18	345 24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	070 04	065 04	140 03	165 06	090 16	280 16	245 31	230 43	...	010 08	350 07	250 07	335 11	320 13	...	080 06	355 04	295 13	325 11	315 09	275 11	275 12	285 15	...	...
Quecta ...			...	...	265 09	300 12	270 25	265 26	265 09	...	No Ascent	...	...	...	...	...	No Ascent	...	...	...	...	...	...	...	...	...
Sargodha ...	095 06	090 15	090 15	060 05	120 06	255 06	255 30	245 37	255 06	070 10	050 06	005 08	300 08	255 06	265 07	360 03	010 07	005 10	350 12	305 01	280 09	260 11	275 20	275 29	...	...
Sylhet ...	310 07	005 05	028 04	125 08	115 15	090 11	100 17	070 18	090 11	075 09	050 04	060 06	075 10	...	...	110 06	090 13	085 13	080 12	085 08	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	48.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	308 07	360 04	005 05		060 07		095 23		100 12	...	...	...	...	...	...	...	...	...
Karachi ...	155 08	140 10	065 10	065 08	050 10	105 11	095 10	085 15	085 19	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quecta ...																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

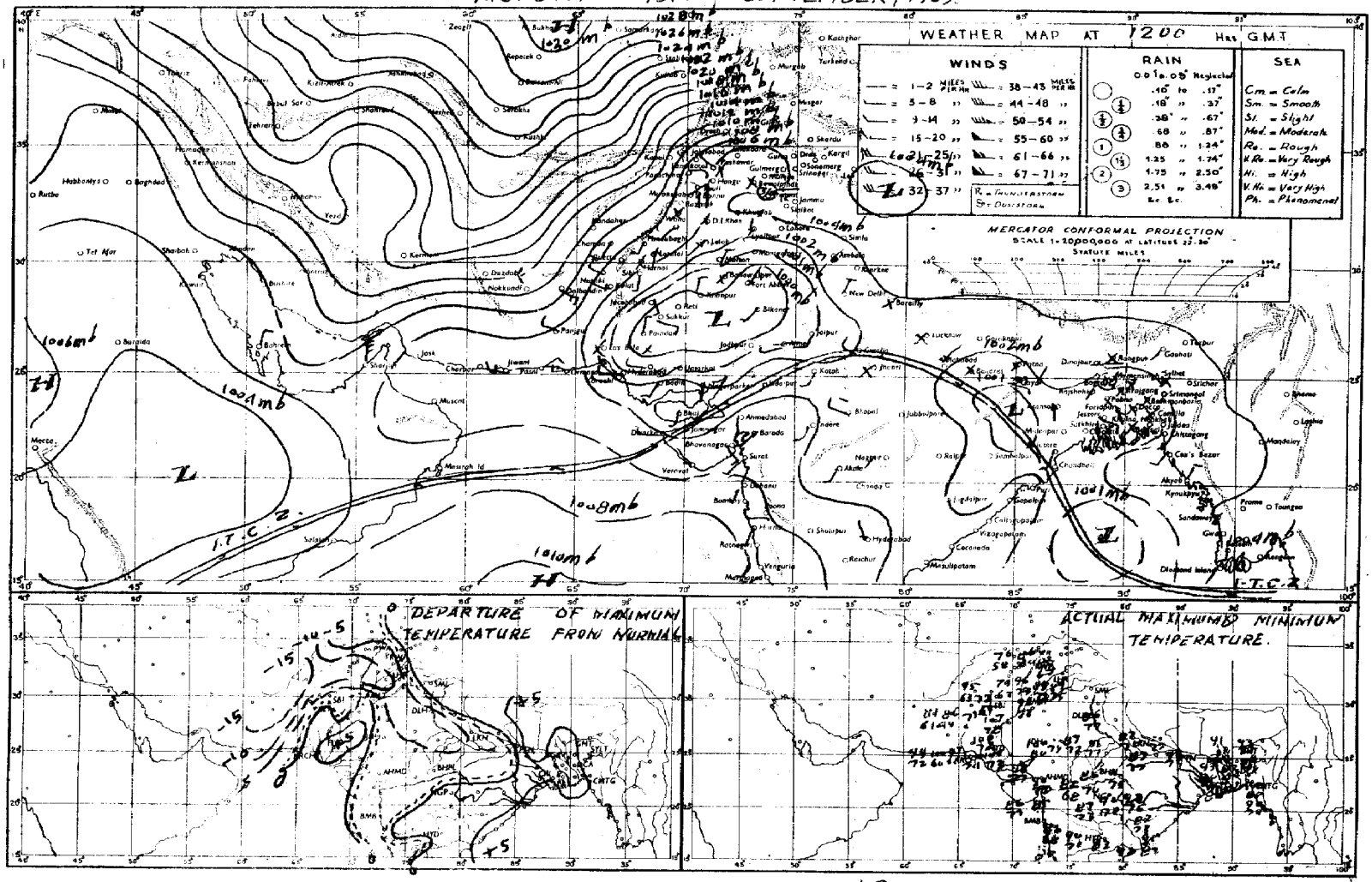
ff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

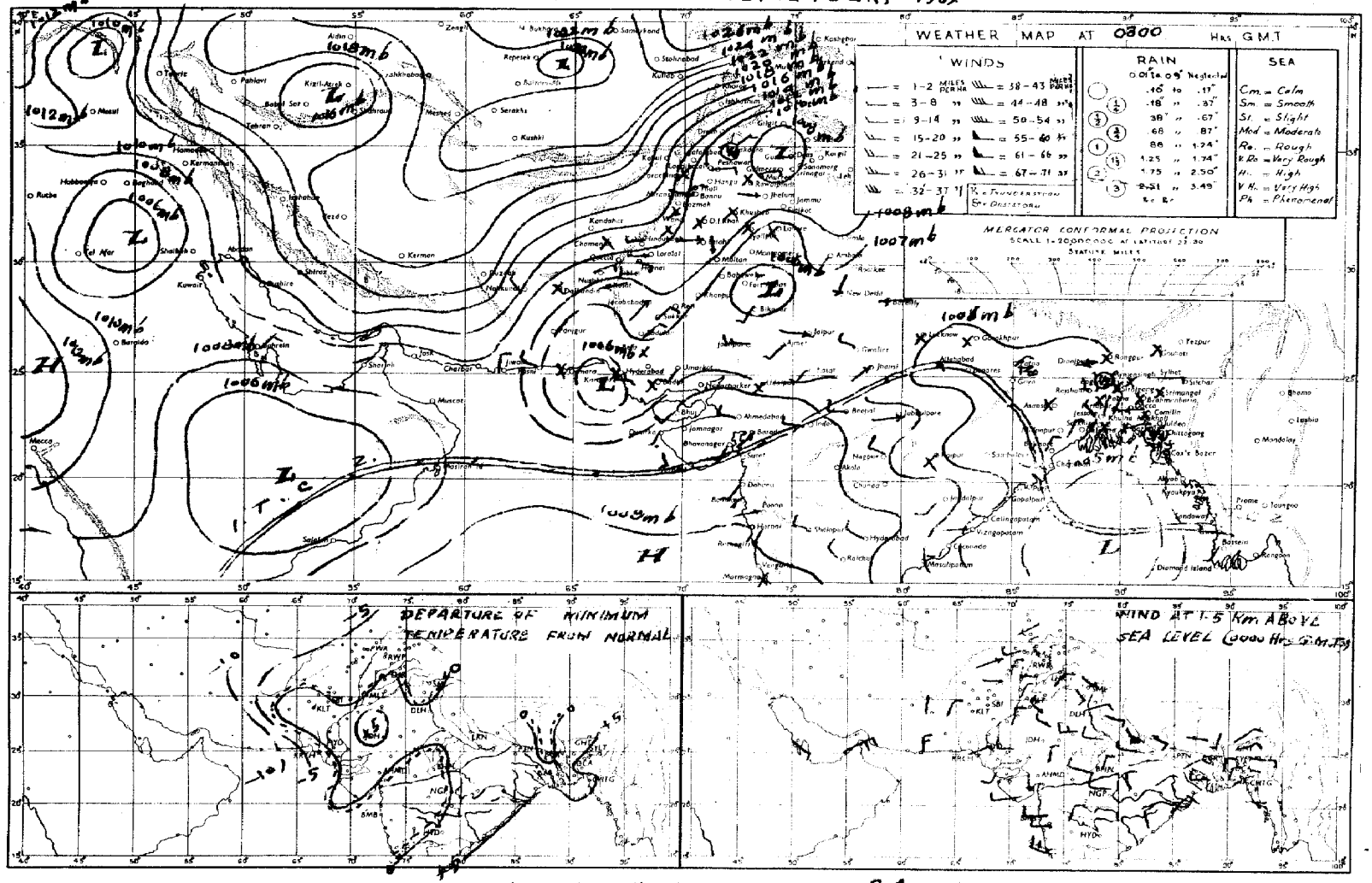
MONDAY 15th SEPTEMBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 16th SEPTEMBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY THE 17th SEPTEMBER 1969.

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

Observations lacking but believe yesterdays low pressure area over north Bay and adjoining central Bay of Bengal concetrated into a depression and in centred at 170300 G.M.T. with in a degree of latitude 18 °N and longitude 88½ °E. It is likely to move in a northwesterly direction.

Scattered rain/thundershowers have occurred in east Pakistan outside Rajshahi division. Yesterdays low pressure area over north east Arabian Sea has become unimportant. A westerly low pressure wave is moving across northwest of Afghanistan. Weather remained dry over west Pakistan.

Chief amounts of rainfall are: Cox's Bazar ½" and Dacca and Barisal ¼" each.

Day temperatures were 3–8 °F (2–4 °C) above normal in east Pakistan and Karachi and Hyderabad divisions and to the same extent below normal elsewhere in west Pakistan.

Forecast valid until the evening of 18th September 1969 :— Locl rain/thundersrshowers are likely to occur in east Pakistan. Weather will be dry over west Pakistan.

Karachi-11
The 17th September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISIONS (1)	STATIONS (2)	At 12 Hrs. G.M.T. of Previous day: 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 Clud † Nh (13)	Low Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)	At [illegible] Hrs. G. M. T. of date: Rainfall in Cents RRR (20)	Past weather commenced at † Ws (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure from Normal of: Maximum temperature TxTx (37)	Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	3	18	02	97	01	0	032	87	2	8	6	7	0	77	94	C65	9	5	00	00	97	03	2	059	84	2	2	5	3	2	77	75	+ 3	— 1	67.6	—36.1	75.6	140
	Cox's Bazar	000	0	5	19	11	97	02	2	033	86	3	7	5	3	2	75	90	000	0	5	05	03	96	03	2	057	86	2	4	4	3	1	79	79	+ 6	+ 2	44.7	+28.1	98.0	108
	Chittagong	000	0	6	23	05	96	01	2	025	87	2	7	9	1	!	//	93	000	0	5	36	02	98	03	1	066	90	3	4	6	3	1	81	81	+ 7	+ 3	10.4	— 67.5	116.5	115
	Maijdee Court	000	9	6	00	00	95	03	0	014	87	6	4	5	0	0	77	94	000	0	3	00	00	96	02	0	058	87	0	0	9	1	0	81	82	+ 7	+ 5	77.0	+38.3	96.2	94
	Comilla	000	0	0	00	00	96	02	0	016	94	0	0	9	0	0	82	95	000	0	5	00	00	97	03	1	058	87	0	0	9	0	5	79	79	—	—	—	—	—	78
	Brahmanbaria	000	0	2	05	02	97	03	1	016	92	2	4	5	0	0	82	55	000	0	5	05	02	97	01	2	058	87	2	1	5	3	/	75	77	—	—	114.4	—	142.3	—
	Sylhet	000	0	2	00	00	96	01	0	020	90	2	1	6	0	0	79	90	.	..	...	.	...	..	...	...	...	...	...	...	...	...	..	...	...	+ 4					98
	Srimangal	000	0	0	36	02	96	00	0	022	87	0	0	9	0	0	85	55																							
Dacca	Mymensingh	000	0	2	00	00	96	01	1	026	90	2	5	6	0	0	79	90	000	0	2	00	00	97	02	/	061	90	2	5	6	0	0	81	82	+ 2	+ 4	55.6	—19.0	71.0	91
	Narayanganj	000	0	2	00	00	96	02	1	022	92	2	6	6	0	0	80	92	000	0	4	23	02	97	02	2	058	90	3	6	6	3	/	79	82	+ 4	+ 3	40.0	— 4.7	63.3	74
	Dacca (Tezgaon)	000	0	4	00	00	97	03	0	015	90	2	8	5	5	1	79	94	025	9	6	00	02	97	01	6	060	86	5	4	4	3	0	79	78	—	—	43.0	—	54.3	—
	Faridpur	000	0	2	02	02	97	01	1	016	91	2	4	6	0	0	79	94	000	0	3	20	02	97	01	1	053	87	3	3	6	0	0	81	82	+ 7	+ 4	36.4	— 7.9	50.0	71
Khulna	Barisal	...	..	..	..	..	...	..	..	...	..	..	..	...	..	..	..	...	019	0	8	13	02	56	02	2	060	86	/	/	/	/	1	81	80		+ 2	48.0	— 4.0	58.0	81
	Khulna	000	0	4	00	00	97	03	0	014	95	0	4	4	0	0	80	96	000	0	2	00	00	57	03	0	046	87	2	2	4	0	0	81	82	+ 8	+ 5	41.6	— 3.7	47.7	68
	Satkhira	0:0	0	6	18	01	97	00	1	091	82	2	3	9	0	0	80	90	000	0	4	23	03	99	00	1	063	90	2	3	9	0	1	//	79	+ 1	+ 2	38.5	— 3.8	43.8	65
	Jessore	000	0	4	27	05	97	03	1	019	87	3	3	4	3	0	80	94	000	4	7	00	00	96	05	2	058	84	1	2	6	7	7	79	90	—	—	36.5	— 3.8	45.0	65
Rajshahi	Pabna	000	0	1	00	00	98	01	1	016	92	1	2	6	0	0	79	94	000	0	1	00	00	99	03	0	042	90	0	0	9	0	0	79	81	—	—	—	—	—	59
	Sirajganj	000	0	2	00	00	97	02	2	017	90	2	2	6	0	0	82	91	000	0	4	18	01	98	02	2	056	90	4	2	6	0	0	82	82	+ 4	+ 4	35.1	— 6.1	42.7	44
	Rajshahi	000	0	4	00	00	96	03	1	020	90	4	9	5	0	0	82	94	000	0	2	00	00	97	01	1	060	87	2	5	5	0	0	81	82	—	—	48.0	—	62.1	—
	Bogra	000	0	4	00	00	96	02	1	019	90	3	4	4	0	2	80	94	000	0	5	00	00	96	02	2	056	90	5	4	5	0	0	82	82	+ 6	+ 4	34.2	—11.3	45.2	69
	Dinajpur	000	9	3	00	00	96	01	1	014	91	3	0	9	2	/	80	//	000	0	0	00	00	96	00	0	053	91	0	0	9	0	0	81	81	—	+ 3	60.6	+ 9.8	83.6	72
	Rangpur	000	0	4	00	00	96	03	0	025	86	1	1	6	1	0	77	94	000	0	1	11	02	96	01	0	059	87	1	0	9	1	0	79	77	+ 4	0	55.0	— 1.2	74.5	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	31	02	96	01	1	049	90	0	0	9	0	0	66	91	000	0	0	09	02	95	05	0	067	79	0	0	9	0	0	64	73	— 7	+ 1	13.3	— 0.8	17.8	19
	Sialkot	000	0	0	00	00	99	00		000	79	0	0	9	0	0	//	90	...	...	..	...	...	..	—	...	...	...	..	...	..	—	...	...	...	— 5					32
Rawalpindi	Jhelum	000	0	0	27	02	98	02	0	045	90	0	0	5	0	0	66	91	000	0	0	00	00	97	02	0	068	79	0	0	9	0	0	64	65	—	—	21.1	—	29.3	—
	Islamabad																																								
	Rawalpindi	000	0	0	27	02	98	00	0	054	86	0	0	9	0	0	62	90	000	0	0	36	02	58	00	0	913	69	0	0	9	0	0	62	65	— 4	— 4	18.5	— 4.1	28.6	36
	Campbellpur																																								—
Sargodha	Khushab	000	0	0	09	//	98	00	0	009	91	0	0	9	0	0	75	//	000	0	0	00	00	97	00	0	064	77	0	0	9	0	0	73	73	— /	— 3	—	—	—	13
	Sargodha	000	0	0	00	00	98	02	0	054	87	0	0	9	0	0	78	94	000	0	0	00	00	97	02	0	065	77	0	0	9	0	0	69	69	—	—	16.2	—	19.2	—
	Lyallpur	000	0	0	00	00	96	00	0	046	90	0	0	9	0	0	68	94	000	0	0	00	00	96	00	0	066	73	0	0	9	0	0	65	69	— 4	— 5	4.6	— 4.3	7.6	12
Multan	Sahiwal	000	0	1	05	02	97	02	0	039	94	1	1	6	0	0	68	97	000	0	0	13	02	97	02	0	068	82	0	0	9	0	0	69	75	— 3	— 2	8.0	+ 3.3	11.0	10
	Multan	000	0	8	27	02	94	02	2	031	91	0	8	7	0	0	68	91	...	..	..	...	...	...	...	...	...	...	...	...	..	...	...	...	...						7
	Leiah																																								8
Bahawalpur	Khanpur	000	0	0	15	05	96	05	0	049	95	0	0	9	0	0	66	96	000	0	0	00	00	96	02	0	067	84	0	0	9	0	0	73	73	— 5	— 2	—	—	—	6
	Bahawalpur	000	0	0	00	00	96	00	0	996	58	0	0	9	0	0	72	04	...	..	..	...	...	...	..	..	...	...	..	...	...	..	...	...	...	+ 4					6
	Fort Abbas																																								8
Peshawar	Chakdra	000	0	1	00	00	98	01	0	030	86	1	1	7	0	0	66	87	000	0	0	05	02	98	02	0	067	68	0	0	9	0	0	60	62	—	—	7.2	—	16.7	—
	Peshawar	000	0	1	00	00	97	02	0	048	91	1	1	6	0	0	52	94	000	0	0	36	02	57	02	0	071	73	0	0	9	0	0	60	65	— 1	— 6	4.7	— 0.5	13.6	11
	Haripur	000	0	0	12	02	98	00	0	068	87	0	0	9	0	0	69	90	...	...	..	...	..	...	...	...	...	...	...	...	...	...	..	...	...	—					—
D. I. Khan	Bannu	000	0	4	10	31	99	01	2	039	50	0	0	9	0	5	73	94	...	...	...	...	...	...	...	..	...	...	..	..	..	...	...	...	...	—					11
	D. I. Khan	000	0	0	00	00	98	00	0	055	91	0	0	9	0	0	63	94	000	0	0	00	00	97	00	0	063	79	0	0	9	0	0	73	73	— 6	— 2	3.5	— 1.7	6.0	9
Quetta	Sibi	000	0	0	23	03	97	02	0	044	03	0	0	9	0	0	61	04	000	0	0	27	03	97	02	0	084	74	0	0	9	0	0	52	73	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	18	03	96	02	0	059	90	0	0	9	0	0	29	92	000	0	0	00	00	96	02	0	119	67	0	0	9	0	0	07	59	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	05	02	96	00	0	969	01	0	0	9	0	0	57	01	000	0	0	09	02	96	00	0	955	79	0	0	9	0	0	35	21	—	—	0.2	—	0.2	—
	Jiwani	000	0	0	18	09	95	05	0	063	90	0	0	9	0	0	67	96	000	0	0	34	07	96	05	0	083	73	0	0	9	0	0	61	71	—	—	0.0	—	2.0	5
	Pasni	000	0	0	25	12	97	02	0	961	85	0	0	9	0	0	79	00	000	0	0	13	06	97	02	0	956	75	0	0	9	0	0	69	60	+ 11	— 13	0.0	— 0.9	0.0	6
Karachi division	Ormara	000	0	0	27	05	96	02	0	054	93	0	0	9	0	0	43	97	000	0	0	00	00	96	02	0	094	76	0	0	9	0	0	75	13	—	—	0.0	— 0.8	0.6	8
	Lasbela	///	0	3	18	02	//	00	0	033	06	0	0	8	0	0	52	09	///	0	4	00	00	98	00	0	087	75	0	0	8	0	0	65	65	—	/	0.7	—	0.7	8
	Karachi (Manora)	000	0	0	18	09	96	02	0	055	85	0	0	9	0	0	73	90	000	0	0	25	05	96	02	0	085	77	0	0	9	0	0	73	75	+ 5	— 2	1.0	— 5.0	1.1	8
	Karachi (Ariport)	000	0	0	18	07	56	02	0	052	88	0	0	9	0	0	67	92	000	0	0	27	03	96	05	0	083	77	0	0	9	0	0	73	73	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar	000	0	0	18	02	97	02	0	069	93	0	6	6	0	0	92	96	000	0	0	05	02	97	02	0	121	80	0	6	6	0	0	79	79	—	/	0.1	—	0.1	—
	Chhor	000	0	0	23	02	9/	05	0	044	97	0	0	9	0	0	54	//	000	0	0	23	07	96	02	0	090	78	0	0	9	0	0	71	75	/	—	0.2	—	0.3	7
	Hyderabad	000	0	0	23	05	56	05	0	050	97	0	0	9	0	0	52	00	000	0	0	23	02	56	05	0	081	80	0	0	9	0	0	70	76	+ 3	0	0.2	— 5.6	0.3	9
	Badin	000	0	0	00	00	96	02	0	079	90	0	0	9	0	0	68	99	000	0	0	23	01	//	02	0	067	76	0	0	9	0	0	71	75	+ 1	— 1	0.3	— 6.8	0.3	—
Khairpur	Padidan	000	0	3	36	05	95	05	0	044	99	3	0	9	4	5	64	02	000	0	0	23	03	95	05	0	074	81	0	0	9	0	0	72	77	—	—	0.8	—	0.8	4
	Nawabshah	800	0	0	00	00	56	06	0	145	99	0	0	9	0	0	62	01	000	0	0	00	00	96	05	0	077	87	0	0	9	0	0	68	74	—	—	1.1	—	1.1	—
	Sukkur	100	0	0	05	03	96	02	0	032	96	0	0	9	0	0	77	98	000	0	0	13	02	96	02	0	701	86	0	0	9	0	0	74	80	—	—	0.1	—	0.1	4
	Kashmore	000	0	0	05	03	58	02	0	011	96	0	0	9	0	0	67	97	080	0	0	00	00	98	02	0	049	85	0	0	9	0	0	62	79	—	—	0.0	—	0.0	20
	Jacobabad	000	0	0	05	02	57	02	0	147	97	0	0	9	0	0	70	99	000	0	0	09	02	96	02	0	073	85	0	0	9	0	0	73	80	— 4	+ 4	1.0	— 1.2	0.8	26
Junagadh	Veraval																																								—
	HILL STATIONS																																								
Kashmir	Srinagar •																																								71
	Gulmarg ••																																								26
	Sonamarg ••																																								3
	Dras ••																																								6
	Leh ••																																								—
	Skardu •																																								—
	Misgar ••																																								5
	Aliabad •																																								59
	Gilgit •																																								
Rawalpindi	Murree •	...	..	...	...	...	...	...	...	...	...	..	...	...	...	..	...	..	000	0	0	27	03	98	00	0	490	62	0	0	9	0	0	43	54		— 2	—	—	—	18
Peshawar	Drosh •	000	0	2	00	00	58	02	0	479	85	2	2	7	0	0	41	87	000	0	0	00	00	58	02	0	510	60	0	0	9	0	0	43	59	— 1	— 5	—	—	—	39
	Cherat •	000	0	0	36	04	58	00	0	495	80	0	0	9	0	0	47	82	000	0	0	36	02	98	00	0	483	73	0	0	9	0	0	45	//	— 2	/	3.1	— 8.5	13.4	—
	Kakul •	000	0	5	31	03	58	03	0	485	76	3	2	6	0	0	60	80	000	0	0	31	03	58	02	0	485	68	0	0	9	0	0	51	62	—	—	—	—	—	—
	Landikotal •	000	0	0	31	05	58	02	0	471	85	0	0	9	0	0	82	85	000	0	0	36	02	58	02	0	366	93	0	0	9	0	0	73	56	—	—	—	—	—	29
	Prachinar •	001	1	6	05	98	02	02	0	492	76	1	1	7	0	0	40	77	000	0	0	00	00	98	02	0	497	62	0	0	9	0	0	51	54	— 3	— 4	6.4	—	17.1	13
D.I. Khan	Miranshah •	000	0	0	05	05	99	00	0	495	86	0	0	9	0	0	62	87	000	0	0	05	05	99	00	0	480	75	0	0	9	0	0	64	69	—	—	0.6	— 3.6	2.1	11
	Wana •	000	0	0	00	00	99	00	0	474	86	0	0	9	0	0	43	87	000	0	0	00	00	99	00	0	474	69	0	0	9	0	0	64	//	—	—	—	—	—	11
Quetta	Fort Sandeman •	000	0	1	05	03	96	05	0	469	83	1	1	7	0	0	17	85	000	0	0	00	00	97	02	0	501	66	0	0	9	0	0	31	58	— 6	— 6	2.2	— 2.7	6.5	—
	Hindubagh •	000	0	0	23	05	98	02	0	462	75	0	0	9	0	0	35	76	000	0	0	00	00	97	02	0	537	51	0	0	9	0	0	21	35	—	—	2.7	—	6.0	9
	Loralai •	000	0	0	28	02	98	00	0	431	92	0	0	9	0	0	65	95	000	0	0	18	02	98	00	0	390	55	0	0	9	0	0	65	40	—	—	0.6	—	0.6	—
	Barkhan •																																								14
	Harnai •	000	0	0	00	00	96	02	0	456	65	0	0	9	0	0	45	//	000	0	0	00	00	96	02	0	463	77	0	0	9	0	8	30	//	/	/	4.0	— 3.4	5.6	9
	Samungli (Quetta) •	000	0	0	31	03	96	05	0	486	79	0	0	9	0	0	34	83	000	0	0	00	00	96	05	0	520	51	2	1	9	0	2	//	36	—	/	—	— 0.5	3.1	8
	Cheman •	000	0	0	27	05	97	00	0	498	81	0	0	9	0	0	39	83	000	0	0	13	03	97	00	0	517	66	0	0	9	0	0	13	59	— 9	— 3	2.1	+ 2.0	4.8	—
	Nushki •	000	0	0	00	00	97	02	0	544	86	0	0	9	0	0	53	88	000	0	0	07	03	97	02	0	550	71	0	0	9	0	0	30	60	—	—	0.5	—	2.6	4
	Dalbandin •	000	0	0	13	07	95	05	0	406	87	0	0	9	0	0	18	89	000	0	0	00	00	96	02	0	503	63	0	0	9	0	0	03	49	— 10	— 14	0.0	— 0.2	0.5	7
Kalat	Kalat •	000	0	0	31	03	96	02	0	469	73	0	0	9	0	0	49	74	000	0	0	13	02	97	02	0	507	55	0	0	9	0	0	38	41	— 19	— 6	0.8	— 0.3	2.2	—
	Khuzdar •	000	0	1	30	12	96	03	0	468	87	1	5	6	0	0	52	88	000	0	0	00	00	96	02	0	496	71	0	0	9	0	0	18	63	—	—	1.9	—	3.2	5
	Panjgur •	000	0	0	36	10	95	05		484	85	0	0	9	0	0	58	87	000	0	0	00	00	95	05	0	492	64	0	0	0	0	0	47	58	— 7	— 5	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

WEDNESDAY THE 17th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$iYYGG_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_gR_{24}	$8N_sCh,\ h_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{w1}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

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
		PoPoPoiToToTo DoDo	hhh TTTd DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	003 322 20	...	470 224 61	164 136 69	593 000 //	768 095 13	983 215 //	2/3 495 //	...	...	...	...	...
Dacca ...	00 00	004 284 12	...	380 102 56	102 084 56	583 037 58	757 /// 17	971 289 58	248 503 //	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	845 270 38	...	400 168 58	015 000 //	568 121 //	736 221 //	940 361 //	248 421 //	...	...	...	...	...
Multan ...	00 00	992 260 50	...			...	755 105 //	971 003 //	...	...	...	...	...	...
Peshawar ...	00 00	965 118 50	...	400 210 59	978 032 56	563 129 59	731 195 //	...	...	...	...	...	...	...
Quetta ...	00 00	817 128 66	...		044 080 //	581 019 //	735 115 //	/// /// //	254 461 //	...	...	...	...	...
Sargodha ...	00 00	992 240 40	...	503 194 56/	155 064 34	5// 101 //	751 201 //	960 311 //	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_d DD									Max. Wind Speed	TROPOPAUSE	
											PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_{ax}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 264 60	880 404 65	600 064 //	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 220 50	900 150 50	600 208 5/	...	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0600 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	3.4	4.5	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	140 08	135 06	135 05	110 12	110 14	...	...	...	...	070 06	060 05	040 03	030 01	145 02	135 07	201 01	200 05	120 02	...	...	...	...	...	...	...	...
Chaklala ...	...	290 08	300 08	310 08	315 10	280 07	275 07	310 13	275 20	...	015 04	310 02	285 02	290 03	295 07	...	145 02	260 03	305 05	330 07	081 01	335 11	335 13	305 17	...	...
Chhor ...	240 05	250 06	265 03	130 04	/// //	090 07	...	...	...	269 18	250 04	/// //	180 04	125 04	120 08	255 08	260 09	275 04	340 03	180 04	345 01	070 08	340 02	360 14	...	...
Chittagong ...	195 17	190 15	180 10	160 07	140 07	135 10	...	...	...	...	...	...	...	...	...	290 05	300 03	060 06	...	065 03	...	...	...	...	...	...
Cox's Bazar ...	195 15	205 13	195 10	190 08	/// //	160 13	070 03	025 01	345 16	070 06	070 08	070 08	055 13	070 13	100 17	180 12	190 11	135 11	115 17	105 10	070 17	115 51	115 12	101 21	...	...
Dacca ...	110 04	155 03	160 03	165 06	120 09	110 23	060 18	105 13	115 15	...	...	...	...	...	...	270 03	060 52	045 02	065 06	100 06	090 09	135 12	150 08	...	...	...
Dalbandin ...	...	...	070 10	065 24	050 11	345 19	305 10	305 21	255 89	...	...	275 06	070 05	035 07	340 12	...	...	075 09	040 06	010 51	350 10	005 10	275 19	265 23	...	...
D. I. Khan ...	115 04	100 06	095 08	115 03	265 03	275 07	295 05	/// //	285 23	150 12	195 07	200 03	240 03	255 05	310 08	180 06	175 19	165 09	120 05	280 13	325 01	335 06	005 08	360 12	...	...
Drosh ...	...	...	...	250 02	250 22	140 01	035 09	150 19	350 23	...	...	...	...	...	...	...	...	...	040 07	015 08	005 06	355 07	325 10	310 18	270 35	260 72
Fort Sandeman ...	...	...	...	275 06	240 05	184 09	270 09	288 29	290 34	...	...	...	225 03	295 06	315 06	...	...	...	230 07	240 07	310 11	355 10	025 07	011 05	...	...
Jacobabad ...	060 04	065 05	055 06	050 04	160 07	245 18	270 15	245 18	285 54	090 05	195 05	150 04	180 07	205 08	230 12	210 01	210 01	268 04	310 07	315 12	265 16	220 12	240 12	180 21	...	...
Jessore ...	125 08	125 07	120 06	090 06	105 18	105 13	105 17	110 27	105 25	160 04	165 06	140 06	140 07	/////	095 11	130 07	115 18	115 14	055 09	100 12	709 15	125 17	125 05	180 06	...	...
Jhelum ...	305 03	110 08	310 10	310 10	310 17	340 12	241 02	265 12	270 19	020 06	295 06	290 09	320 10	320 12	325 15	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	180 08	185 05	...	...	...	...	...	...	...	320 15	340 15	015 16	035 16	045 11	090 //	055 08	080 09	080 //	050 09	080 10	140 08	045 07	015 04	020 02	...	...
Karachi ...	165 08	130 10	095 12	125 15	140 15	135 10	...	320 15	...	...	...	...	...	...	...	255 03	325 03	130 03	130 05	105 07	145 07	135 07	108 05	090 09	...	...
Khanpur ...	030 17	030 16	030 18	025 19	025 14	350 10	281 01	235 24	235 25	270 08	270 09	210 10	250 09	235 06	330 04	255 27	255 24	265 22	265 25	285 21	265 31	280 41	315 21	310 19	...	...
Lahore ...	325 06	345 03	350 05	340 10	325 11	325 10	260 14	280 10	265 10	300 08	100 08	305 07	335 10	315 05	310 11	335 05	320 09	310 10	010 13	305 12	305 12	// //	305 04	320 07	...	...
Multan ...	060 10	065 11	065 11	050 10	085 11	300 15	735 24	280 27	270 24	170 07	225 08	305 07	240 08	255 10	285 16	175 13	175 12	230 13	255 13	275 10	270 16	345 15	350 11	340 15	...	...
Nawab Shah ...	090 01	095 01	150 01	150 07	160 05	210 04	350 08	010 06	310 04	215 05	230 04	020 07	055 05	110 05	080 10	315 02	320 02	210 03	190 05	245 02	185 01	...	...	...	...	...
Panjgur ...	...	...	...	355 11	085 11	110 03	///5//	020 12	015 17	...	...	...	040 10	035 13	350 15	...	...	...	055 10	035 09	190 10	320 03	300 09	205 11	...	...
Peshawar ...	...	110 03	330 05	320 10	310 13	320 14	340 21	320 23	300 15	...	200 19	230 10	305 08	085 19	020 15	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	245 05	265 08	280 13	290 78	290 25	...	...
Sargodha ...	070 03	005 02	340 06	345 13	300 21	285 13	290 22	285 32	280 40	235 10	275 12	290 09	325 05	345 10	350 17	270 06	250 08	265 07	265 05	225 04	355 17	335 13	315 12	275 19	...	...
Sylhet ...	135 09	125 08	120 10	095 09	100 13	095 15	075 14	090 17	090 17	080 04	...	...	...	...	...	125 06	120 09	115 13	095 14	085 10	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	205 06	300 02	300 04		085 06													
Karachi ...	015 11	030 08	170 07	155 06	110 06	115 08	103 24	100 21	320 20	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

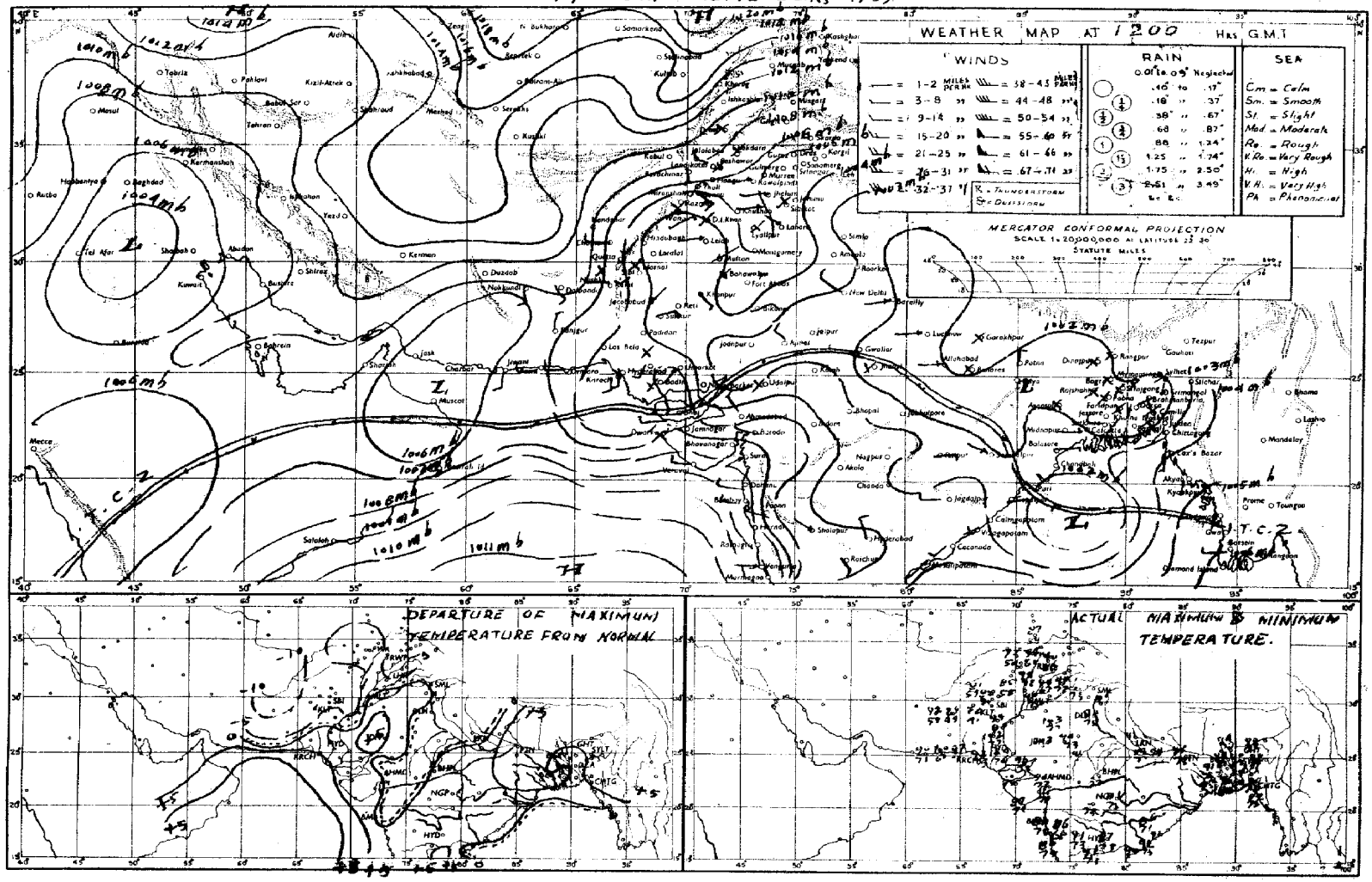
ff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

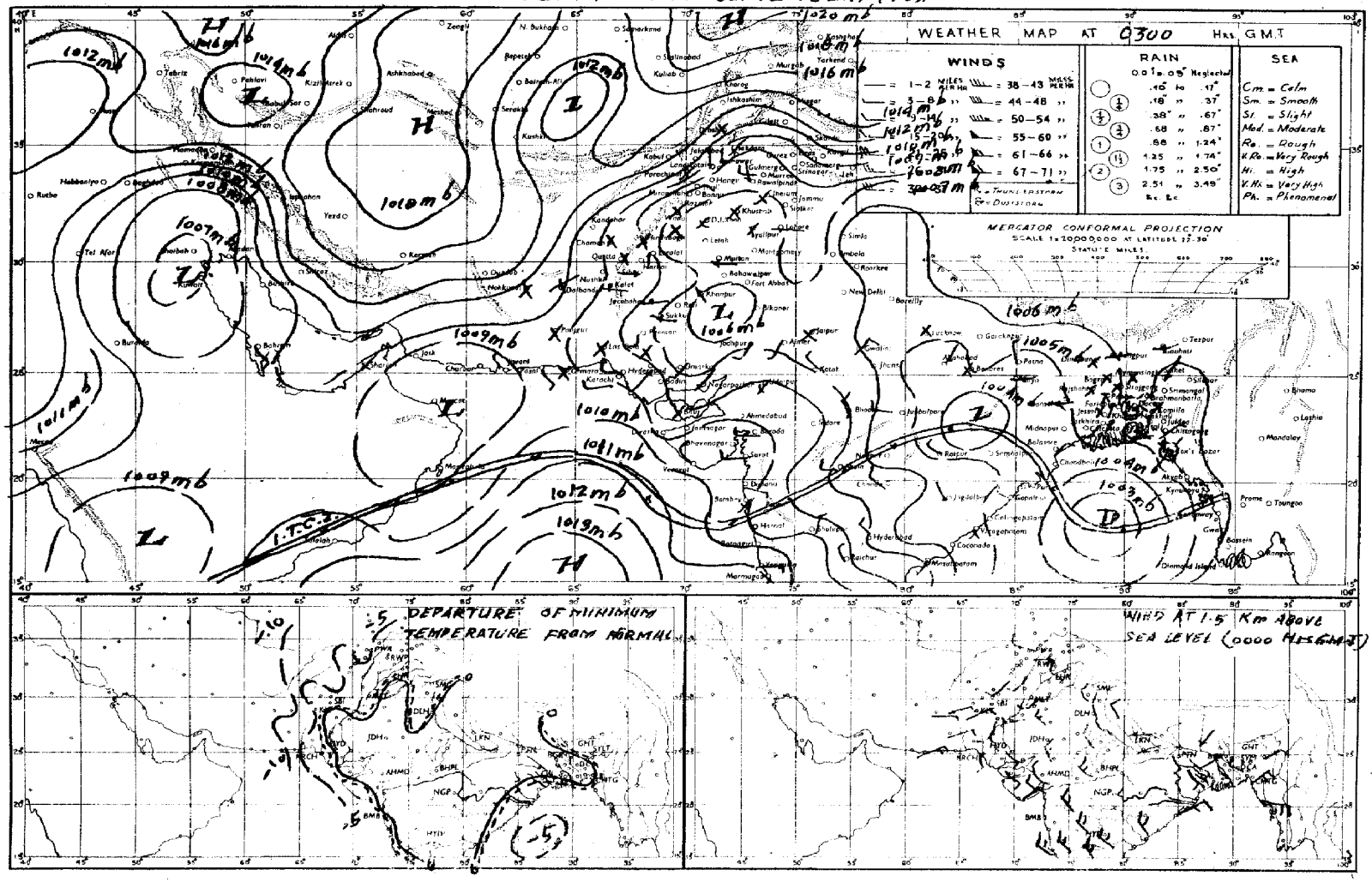
TUESDAY 16TH SEPTEMBER, 1969



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 17TH SEPTEMBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

THURSDAY THE 18th SEPTEMBER 1969.

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

Yesterday,s morning depression remained pracitically stationary till 17,1200 Z G.M.T. Observations lacking but believe it moved northwestwards and is centred at 18,0300 G.M.T. with in one degree of Latitude 19 °N and Longitude 87½ °E. It is likely to move in the same direction.

Rain/thundershowers have been local in East Pakistan outside Khulna division.

The westerly low pressure wave northwest of Afghanistan is moving across East Russian Turkistan.

Weather remained dry in westPakistan.

Chief amounts of rainfall are: Comilla 3/4", Sylhet, Mymensingh, Bogra and Dinajpur ½" each, Brahmanbaria (upto 0000 G.M.T.), Narayanganj and Sirajgang ½" each.

Day temperatures were 3—7 °F (2—4 °C) above normal in East Pakistan and in Rawalpindi, Multan and Hyderabad divisions and were to the same extent below normal in Quetta and Kalat divisions.

Forecast valid until the evening of 19th September 1969 :— Rain/thundersrshowers will be local in East Pakistan. Weather will remain dry in west Pakistan.

Karachi-11
The 18th September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	2	18	02	97	01	0	037	86	2	8	6	0	0	78	91
	Cox's Bazar	000	0	3	23	18	97	01	1	028	85	2	3	4	8	1	77	87
	Chittagong	000	0	6	23	04	96	02	2	029	87	4	3	4	2	1	77	93
	Maijdee Court	000	9	6	18	02	95	02	2	017	85	4	2	5	3	0	77	91
	Comilla	000	0	4	00	00	96	02	1	020	82	4	4	7	0	0	76	90
	Brahmanbaria	000	0	2	00	00	97	03	6	022	65	4	0	5	7	0	77	91
	Sylhet	000	0	6	00	00	96	02	2	017	87	3	4	5	3	7	77	91
	Srimangal	000	0	5	36	02	96	02	0	027	90	3	9	5	7	2	82	93
Dacca	Mymensingh	000	0	2	00	00	96	01	1	023	90	2	5	6	0	0	80	93
	Narayanganj	000	0	8	23	02	96	02	2	019	90	4	6	5	3	1	78	91
	Dacca (Tezgaon)	000	0	4	23	02	97	07	0	020	90	3	8	4	3	1	73	91
	Faridpur	000	0	4	16	02	97	01	1	016	90	2	4	6	1	0	78	93
Khulna	Barisal	000	0	5	00	00	96	02	9	022	90	5	8	5	0	0	80	40
	Khulna	000	0	2	00	00	97	03	0	010	90	3	2	4	0	0	85	95
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	000	0	6	16	05	96	02	2	020	87	2	4	5	3	8	80	93
Rajshahi	Pabna	000	0	2	00	00	99	01	1	016	90	0	0	9	0	3	80	95
	Sirajgan	000	0	4	00	00	97	02	2	019	87	4	4	6	0	0	77	90
	Rajshahi	000	0	4	00	00	96	03	1	021	87	2	5	5	2	0	78	93
	Bogra	000	9	5	00	00	96	03	0	018	87	1	2	5	0	1	78	91
	Dinajpur	000	3	3	00	00	96	01	1	030	91	3	0	9	4	0	82	95
	Rangpur	000	0	5	00	00	94	02	0	023	90	5	5	6	0	0	80	95
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	2	36	02	96	02	0	019	91	1	1	5	3	0	60	91
	Sialkot	000	0	0	00	00	99	00	0	010	90	0	0	9	0	0	85	102
Rawalpindi	Jhelum	000	0	0	27	02	98	02	0	014	91	0	0	9	0	0	68	95
	Islamabad																	
	Rawalpindi	000	0	0	27	02	99	00	0	017	90	0	0	9	0	0	63	91
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	98	00	0	013	98	0	0	9	0	0	77	100
	Sargodha	000	0	0	27	03	97	02	0	017	93	0	0	9	0	0	70	96
	Lyallpur	000	8	0	00	00	96	02	0	020	95	0	0	9	0	0	64	96
Multan	Sahiwal																	
	Multan	000	0	0	13	03	97	01	0	014	98	0	0	9	0	0	58	102
	Leiah	000	0	0	09	02	94	00	0	954	91	0	0	9	0	0	67	91
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	016	98	0	0	9	0	0	59	102
	Bahawalpur	000	0	0	00	00	96	02	0	029	98	0	0	9	0	0	73	102
	Fort Abbas	000	0	0	05	02	98	00	0	994	11	0	0	9	0	0	91	111
Peshawar	Chakdra	000	0	0	00	00	98	02	0	992	87	0	0	9	0	0	67	90
	Peshawar	000	0	0	13	02	98	02	0	014	91	0	0	9	0	0	60	93
	Haripur	000	0	0	18	02	98	00	0	025	87	0	0	9	0	0	73	93
D. I.-Khan	Bannu	000	0	0	05	02	99	00	0	009	95	0	0	9	0	0	64	98
	D. I. Khan	000	0	0	00	00	98	00	0	011	//	0	0	9	0	0	67	98
Quetta	Sibi	000	0	0	18	03	97	02	0	024	06	0	0	9	0	0	62	108
	Nokkundi	000	0	0	00	00	97	02	0	034	90	0	0	9	0	0	28	97
Kalat	Turbat	000	0	0	36	02	96	00	0	914	02	0	0	9	0	0	87	102
	Jiwani	000	0	0	13	09	96	02	0	065	82	0	0	9	0	0	41	93
	Pasni	000	0	0	25	10	97	02	0	065	88	0	0	9	0	0	73	100
Karachi division	Ormara	000	0	0	27	14	96	02	0	058	83	0	0	9	0	0	77	85
	Lasbela	///	0	0	23	02	98	00	0	029	03	0	0	9	0	0	61	107
	Karachi (Manora)	000	0	0	27	07	97	02	0	053	82	0	0	9	0	0	73	80
	Karachi (Ariport)	000	0	0	23	10	96	02	0	051	86	0	0	9	0	0	60	90
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	069	00	0	0	9	0	0	//	101
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hyderabad	000	0	0	23	09	96	05	0	036	94	0	0	9	0	0	59	103
	Badin	000	0	0	23	03	96	02	0	049	97	0	0	9	0	0	63	98
Khairpur	Padidan	000	0	1	18	03	96	03	0	026	02	1	1	7	0	0	67	103
	Nawabshah	000	0	0	18	07	96	05	0	135	01	0	0	9	0	0	65	104
	Sukkur	000	0	0	23	03	96	02	0	025	01	0	0	9	0	0	69	104
	Kashmore	000	0	4	18	02	98	02	0	024	00	0	0	9	0	0	61	102
	Jacobabad	000	0	0	13	05	97	02	0	021	99	0	0	9	0	0	59	102
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	31	05	98	00	0	454	68	0	0	9	0	0	59	73
Peshawar	Drosh *	000	0	0	00	00	98	02	0	448	91	0	0	9	0	0	49	96
	Cherat *	000	0	0	36	04	98	00	0	462	82	0	0	9	0	0	34	86
	Kakul *	000	0	1	18	05	98	03	0	413	98	0	0	9	0	0	77	100
	Landikotal *	000	0	0	31	05	98	02	0	497	90	0	0	9	0	0	90	90
	Prachinar *	000	0	0	16	02	99	02	0	461	80	0	0	9	0	0	53	82
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	467	91	0	0	9	0	0	63	91
	Wana *	000	0	0	00	00	99	00	0	490	90	0	0	9	0	0	70	90
Quetta	Fort Sandeman *	000	0	0	00	00	97	02	0	454	87	0	0	9	0	0	05	88
	Hindubagh *	000	0	0	20	03	97	02	0	436	84	0	0	9	0	0	67	88
	Loralai *	000	0	0	18	02	98	00	0	421	90	0	0	9	0	0	55	95
	Barkhan *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Harnai *	000	0	0	00	00	96	02	0	447	92	0	0	9	0	0	38	//
	Samungli (Quetta) *	000	0	0	31	05	97	02	0	479	81	0	0	9	0	0	43	85
	Chaman *	000	0	0	27	07	97	00	0	490	82	0	0	9	0	0	60	85
	Nushki *	000	0	0	31	03	97	02	0	556	87	0	0	9	0	0	49	89
	Dalbandin *	000	0	0	00	00	94	02	0	493	91	0	0	9	0	0	08	92
Kalat	Kalat *	000	0	0	31	02	96	02	0	472	72	0	0	9	0	0	43	77
	Khuzdar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Panjgur *	000	0	0	36	02	96	02	0	487	93	0	0	9	0	0	63	94

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 clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	5	18	02	98	03	1	082	84	4	8	6	7	/	77	81	—	—	58.7	—	91.2	—
	Cox's Bazar	000	0	6	18	10	97	02	2	063	84	2	5	5	3	8	76	77	0	+ 1	67.6	—36.5	75.4	140
	Chittagong	030	0	6	13	05	96	02	2	072	86	1	1	5	3	1	74	77	+ 6	0	44.7	—28.4	97.9	108
	Maijdee Court	00.	0	7	18	02	97	03	0	070	88	4	1	5	2	1	76	81	+ 4	+ 3	104.9	+26.3	117.0	115
	Comilla	099	6	4	00	00	96	02	6	067	84	4	5	5	0	0	77	76	+ 2	+ 1	78.7	+29.5	97.9	94
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					78
	Sylhet	033	0	8	18	05	96	63	2	059	76	5	3	5	2	/	76	74	—	—	114.8	—	142.7	—
	Srimangal	..	..	...	..	...	...	...	...	...	..	...	..	...	..	..	...	...	+ 2					98
Dacca	Mymensingh	043	1	7	13	02	97	03	6	083	79	7	5	4	0	0	74	79	+ 5	+ 1	56.4	— 1.7	71.5	91
	Narayanganj	024	0	8	05	03	97	02	2	071	84	8	6	4	/	/	79	81	+ 3	+ 2	40.6	— 4.5	64.0	74
	Dacca (Tezgaon)	000	7	8	09	05	97	02	5	069	82	5	6	2	2	/	79	81	—	—	43.7	—	54.9	—
	Faridpur	000	0	8	16	05	97	02	2	///	84	6	4	5	1	0	79	81	+ 6	+ 3	36.8	— 6.9	50.4	71
Khulna	Barisal	000	0	8	09	05	96	17	2	063	84	5	3	4	2	0	79	81	+ 2	+ 3	48.1	— 4.3	58.1	81
	Khulna	000	0	6	18	05	97	03	0	051	84	2	4	4	1	0	82	81	+ 7	+ 4	41.6	— 4.0	47.7	68
	Satkhira	000	0	6	23	06	97	00	1	058	84	2	3	5	0	1	79	79		+ 2	40.1	— 2.5	45.4	65
	Jessore	000	0	7	12	09	97	02	0	055	82	1	2	5	7	0	79	84	—	—	37.1	— 3.5	45.5	65
Rajshahi	Pabna	000	8	8	00	00	98	03	9	004	86	8	8	7	/	/	79	82	—	—	37.7	—	54.1	59
	Sirajgan	032	9	8	09	02	98	03	2	071	90	8	0	7	1	0	76	79	+ 3	+ 1	35.5	— 6.0	43.1	64
	Rajshahi	000	0	7	09	02	96	03	1	070	82	7	5	5	/	/	79	81	—	—	49.4	—	63.5	—
	Bogra	044	7	7	00	00	96	51	9	095	79	5	5	4	1	0	76	76	+ 3	— 2	34.8	—10.9	45.8	69
	Dinajpur	058	2	5	09	02	96	02	6	078	81	5	0	9	2	0	76	76	— 7	— 2	61.5	+10.2	84.5	72
	Rangpur	016	3	7	09	05	96	01	9	057	84	7	6	6	0	0	79	79	+ 7	+ 2	56.0	— 0.7	74.6	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	038	81	0	0	9	0	0	64	72	— 7	0	13.3	— 0.9	17.9	19
	Sialkot	...	...	..	...	...	...	...	..	...	...	...	...	...	...	...	...	...	+ 7					32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	039	77	0	0	9	0	0	72	72	—	—	22.0	—	30.3	—
	Islamabad																							—
	Rawalpindi	000	0	0	36	02	98	00	0	944	72	0	0	9	0	0	64	67	— 3	— 2	18.5	— 4.2	28.6	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	00	97	00	0	029	79	0	0	9	0	0	47	//	—	/	3.8	— 6.0	7.2	15
	Sargodha	000	0	0	00	00	96	04	0	032	81	0	0	9	0	0	72	72	—	—	16.5	—	20.1	—
	Lyallpur	000	0	0	00	00	96	00	0	036	79	0	0	9	0	0	67	72	— 2	— 2	4.7	— 4.3	7.6	12
Multan	Sahiwal																							10
	Multan	000	0	0	13	05	97	02	0	026	81	0	0	9	0	0	63	76	+ 3	— 1	8.0	+ 3.3	11.0	7
	Leiah	000	0	0	05	02	97	00	0	081	81	0	0	0	0	0	67	72	—	—	0.9	—	2.8	8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	024	80	0	0	9	0	0	64	70	+ 1	— 5	—	—	—	6
	Bahawalpur	060	0	0	00	00	96	00	0	031	86	0	0	9	0	0	64	72	+ 2	— 2	0.7	— 4.1	2.0	6
	Fort Abbas	000	/	0	23	02	98	00	0	066	81	0	0	9	0	0	73	77	—	—	0.7	—	0.9	8
Peshawar	Chakdra	000	0	0	00	00	96	05	0	040	72	0	0	9	0	0	63	68	—	—	7.2	—	16.6	—
	Peshawar	000	0	0	00	09	98	02	0	036	79	0	0	9	0	0	54	68	— 2	— 3	4.7	+ 0.5	13.4	11
	Haripur	000	0	0	05	02	98	00	0	036	79	0	0	9	0	0	56	67	—	—	7.7	—	17.9	—
D. I.-Khan	Bannu	000	0	0	00	00	99	00	0	032	72	0	0	9	0	0	58	67	—	—	0.7	—	4.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	042	76	0	0	9	0	0	67	72	— 2	— 3	3.5	— 1.7	6.0	9
Quetta	Sibi	000	0	0	36	03	97	02	0	040	76	0	0	9	0	0	54	73	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	36	03	97	02	0	070	73	0	0	9	0	0	21	60	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	09	02	96	02	0	055	76	0	0	9	0	0	35	70	—	/	0.2	—	0.2	—
	Jiwani	000	0	3	27	83	96	23	4	001	79	3	6	5	0	0	75	71	—	—	0.9	—	2.0	5
	Pasni	000	0	0	31	04	97	02	0	073	67	0	0	9	0	0	67	60	+ 11	— 13	0.0	— 0.9	0.0	6
Karachi division	Ormara	000	0	2	27	07	96	01	1	094	74	2	6	6	0	0	67	64	—	—	0.0	— 0.8	0.6	6
	Lasbela	///	0	0	00	00	98	00	0	087	75	0	0	9	0	0	64	64	—	—	0.7	—	0.7	8
	Karachi (Manora)	000	0	4	27	09	96	03	0	085	77	4	6	4	0	0	44	77	— 1	0	1.0	— 4.9	1.1	8
	Karachi (Ariport)	000	0	2	27	05	96	03	0	083	77	2	6	5	0	0	73	74	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar	000	0	0	23	09	96	02	0	046	78	0	0	9	0	0	74	73	—	—	0.2	—	0.3	—
	Chhor	...	...	...	..	..	...	..	...	...	..	...	..	...	...	...	...	...						
	Hyderabad	000	0	2	23	05	97	03	0	048	80	0	0	9	0	1	64	76	+ 6	0	0.2	— 5.7	0.3	7
	Badin	000	0	0	23	04	96	02	0	057	77	0	0	9	0	0	73	74	+ 3	— 2	0.3	—	0.3	9
Khairpur	Padidan	000	0	0	13	03	97	02	0	035	80	0	0	9	0	0	63	72	—	—	0.8	—	0.8	—
	Nawabshah	000	0	0	13	03	96	02	9	035	79	0	0	9	0	0	57	72	—	—	1.1	—	1.1	—
	Sukkur	000	0	0	20	03	96	02	0	023	86	0	0	9	0	0	64	81	—	—	0.1	—	0.1	4
	Kashmore																		—					—
	Jacobabad																		—					4
Junagadh	Veraval	080	0	0	09	02	96	02	0	030	83	0	0	9	0	0	73	79	— 1	+ 3	0.5	— 1.7	0.8	20
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	000	0	0	00	00	98	00	0	457	64	0	0	9	0	0	45	58	+ 4	+ 2	15.7	—18.2	23.4	59
Peshawar	Drosh *																		+ 8					18
	Cherat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						29
	Kakul *	000	0	0	00	00	98	00	0	456	74	0	0	9	0	0	47	//	+ 2	/	3.1	— 8.6	13.4	—
	Landikotal *	000	0	0	31	03	98	02	0	462	72	0	0	9	0	0	56	64	—	—	16.0	—	26.7	—
	Prachinar *	...	...	...	...	...	...	...	..	...	...	...	...	..	...	...	...	...	—					29
D.I. Khan	Miranshah *	...	...	...	..	..	...	...	..	..	...	..	...	...	...	...	...	...	+ 2					13
	Wana *	000	0	0	05	05	99	00	0	453	74	0	0	9	0	0	68	68	—	—	0.5	— 4.9	2.0	11
Quetta	Fort Sandeman *	000	0	0	23	02	98	02	0	472	72	0	0	9	0	0	11	61	— 3	— 3	2.2	— 2.7	6.5	11
	Hindubagh *	000	0	0	00	00	97	02	0	454	59	0	0	9	0	0	50	48	—	—	2.7	—	5.9	—
	Loralai *	000	0	0	18	02	98	00	0	390	//	0	0	9	0	0	45	//	—	/	0.6	—	0.6	9
	Barkhan *	000	0	0	05	02	97	02	0	472	76	0	0	9	0	0	59	68		—	0.9	—	0.9	—
	Harnai *	000	0	0	00	00	96	00	0	438	(6	0	0	9	0	8	51	//	—	/	3.9	— 3.4	5.7	14
	Samungli (Quetta) *	000	0	0	08	00	96	05	0	484	52	0	0	9	0	0	30	37	—	—	0.5	— 0.5	3.1	9
	Chaman *	000	0	0	09	03	97	00	0	481	67	0	0	9	0	0	36	59	— 5	— 3	2.1	— 1.9	4.8	8
	Nushki *	000	0	0	07	05	97	02	0	550	72	0	0	9	0	0	35	64	—	—	0.5	—	2.7	—
	Dalbandin *	000	0	0	00	00	96	02	0	465	57	0	0	9	0	0	03	//	— 7	/	0.0	— 0.2	0.5	4
Kalat	Kalat *	000	0	0	18	02	97	02	0	485	53	0	0	9	0	0	34	39	— 6	— 8	0.9	— 0.3	2.2	7
	Khuzdar *	000	0	0	00	00	//	02	0	448	63	0	0	9	0	0	23	62	—	—	1.9	—	3.2	—
	Panjgur *	000	0	0	00	00	96	02	0	466	64	0	0	9	0	0	44	55	0	— 8	0.0	—	0.2	5

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 18th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$iYYGG_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_N$	D_sV_sa PP	7RR t_at_a	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dwarka	99 2 43	10 6 37	17 0 63	02 5 97	98 0 20	10 5 27	00 9 00	63 2 10			00 1 22		30 2 01	24 5 01
Arabdhkerk	99 2 17	10 6 00	17 1 23	01 8 13	98 0 20	06 9 24	00 9 00	44 7 23			01 1 23	12 3 59	30 3 02	...
Dumra	90 2 42	10 6 24	17 1 23	02 3 08	98 0 50	06 7 27	00 9 00	63 7 17			05 1 23	30 1 01	...	24 7 02

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
		PoPoPo ToToTo DoDo	hhh TTs DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	003 254 16	060 232 00	443 156 20	085 074 40	578 081 00	748 169 12	956 331 48	229 578 //	409 681 //	648 773 //	...	...	...
Dacca	00 00	004 284 21	042 284 25	450 145 17	093 074 45	581 069 31	754 143 05	968 277 26	247 508 //	430 645 //	677 773 //	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	005 283 33	044 200 46	400 114 67	010 025 //	578 181 //	733 281 //	935 361 //	203 425 //	...	...	...	...	...
Multan	00 00	988 244 37	...	450 250 61	119 166 60	590 000 //	764 111 //	970 191 //	264 365 //		...	...	...	...
Peshawar	00 00	962 202 54	...	430 214 60	079 102 62	579 079 //	749 177 //	962 281 //	242 437 //	431 557//	...	...	...	...
Quetta	00 00	819 166 70	...	...	108 082 //	574 235 //	733 403 //	931 523 //	184 677 //	...	...	...	...	...
Sargodha									...					

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD	Max. Wind Speed	TROPOPAUSE
			PmPmPm dmdm fmfmfm	$P_tP_tP_tT_tT_tT_{at}$ dt dt ft ft ft
16	17	18 19 20 21 22 23 24 25 26	27	28 29
Chittagong	00 00	003 254 16	...	... ...
Dacca	00 00	004 284 21	...	... ...
Gilgit				
Jiwani				
Karachi	00 00	005 283 33	...	... ...
Multan	00 00	988 244 37	...	... ...
Peshawar	00 00	962 202 54	...	... ...
Quetta	00 00	819 166 70	...	... ...
Sargodha	00 00			

PPP—Pressure in hunderds tens and units of millibars.
DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
T_a—Approximate cench value in (O °C) even values indicate positive and odd values indicate negative temperatures.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0800 hrs. G.M.T. † of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	190 11	200 09	180 07	155 04	150 06	160 08	...	...	...	...	Driz	xle	...	...	...	065 10	110 06	095 10	...	...	...	...	...	...	...
Chakla's	..	280 08	270 04	325 02	320 06	285 07	345 12	320 13	290 16	...	...	...	...	...	...	..	105 06	105 04	320 05	300 07	290 08	295 07	250 08	255 10	245 19	...
Chhor	...	...	...	...	...	...	...	...	...	225 25	250 22	235 10	160 04	010 12	020 12	240 15	255 23	250 24	240 19	200 08	230 08	315 07	020 11	340 11	305 06	180 06
Chittagong	200 10	205 07	175 08	110 08	095 12	125 11	120 16	050 13	035 11	...	...	...	...	...	...	105 12	115 10	120 09	130 08	145 18	120 28	115 13	...	...	...	...
Cox's Bazar	180 15	155 12	130 11	120 13	120 14	078 10	075 06	070 09	085 11	140 20	135 24	145 31	130 39	110 41	210 41	135 06	120 17	125 21	130 30	...	...	...	...	...	...	...
Dacca	265 12	280 06	280 04	245 03	155 02	110 04	...	...	...	120 07	140 13	145 15	145 15	140 15	...	100 08	130 17	145 14	140 17	140 18	110 12	...	...	...	...	...
Dalbandin	...	...	155 05	140 07	115 06	950 08	285 10	295 13	...	...	...	050 04	075 11	205 03	210 04	...	...	075 07	060 07	355 09	360 19	340 11	335 08	280 13	295 25	...
D. I. Khan	065 05	030 03	030 01	240 03	310 13	240 08	350 18	335 15	315 15	100 07	105 09	110 10	115 10	105 06	...	030 04	075 04	295 04	100 06	145 10	205 05	345 08	275 06	225 06	260 35	...
Drosh	..	...	...	...	...	...	...	...	...	...	...	...	...	040 03	120 01	...	...	...	335 01	025 06	010 06	175 09	190 12	210 17	245 31	250 49
Fort Sandeman	...	...	...	245 03	250 03	325 05	310 11	305 16	280 35	...	...	...	...	240 07	285 05	340 11	...	...	095 01	265 05	265 10	260 05	180 08	175 11	260 11	245 14
Jacobabad	130 04	240 02	275 05	295 12	305 19	290 11	300 14	300 15	310 17	210 03	215 03	225 06	260 10	310 03	...	055 09	350 11	015 18	015 13	020 05	195 06	215 09	119 13	040 10	295 11	305 21
Jessore	160 10	120 09	120 08	125 13	180 14	125 18	130 23	120 21	...	115 16	115 20	135 27	120 25	115 25	...	120 17	130 05	130 14	...	...	...	...	...	...	...	...
Jhelum	240 06	195 10	200 11	305 16	305 13	305 08	070 17	070 27	340 23	120 04	240 01	250 07	305 09	335 17	340 27	125 05	130 06	185 04	345 05	260 08	315 12	090 06	120 19	105 20	...	...
Jiwani	135 09	080 08	060 07	035 11	045 12	075 07	220 05	280 05	280 05	245 06	300 06	320 10	...	...	...	280 06	320 08	325 07	340 5	335 04	330 13	335 07	355 05	295 07	330 09	260 14
Karachi	270 09	210 04	185 05	125 07	125 06	320 01	055 04	035 09	030 11	...	...	...	...	...	...	265 08	280 10	280 08	270 07	280 04	255 04	345 04	355 04	350 02	...	...
Khanpur	230 14	245 12	245 17	250 12	260 10	295 08	305 15	305 24	305 20	290 12	290 12	300 15	305 16	260 12	290 13	235 08	240 12	270 14	255 16	245 14	235 19	200 08	270 08	150 11	320 25	290 17
Lahore	360 08	325 07	345 07	310 11	305 11	350 03	340 11	300 12	300 20	280 07	255 06	310 05	335 08	335 10	020 12	160 04	165 04	170 04	255 04	300 09	360 06	120 21	010 12	055 07	310 13	250 35
Multan	165 07	205 06	235 06	295 09	320 21	320 12	345 17	320 20	310 29	170 13	180 07	230 15	210 07	295 01	355 09	155 10	165 09	140 09	140 09	135 06	140 09	360 13	295 03	270 17	250 19	...
Nawab Shah	185 11	185 09	210 09	295 09	275 09	315 11	...	...	...	265 13	275 19	270 15	245 14	290 11	215 07	270 06	275 10	245 12	230 15	245 07	340 07	295 10	300 14	295 18	...	...
Panjgar	...	...	...	005 10	350 12	345 13	340 21	325 25	320 30	...	...	...	005 08	355 10	345 13	...	...	...	330 06	340 09	330 06	060 02	340 15	010 08	330 03	325 12
Peshawar	...	355 05	010 05	070 05	130 04	050 10	340 14	335 25	340 27	...	305 04	010 04	220 05	330 03	...	...	085 05	040 05	030 03	340 03	015 08	345 13	340 19	325 21	300 27	295 62
Quetta	...	...	...	...	290 08	335 07	300 17	290 21	290 22	...	...	...	...	...	...	...	...	...	...	305 04	300 06	280 09	265 12	270 17	250 85	...
Sargodha	235 03	265 03	260 04	320 11	340 16	355 15	325 12	300 20	285 29	275 05	235 06	240 05	290 07	300 06	040 12	210 03	255 03	275 04	250 03	335 03	090 13	300 08	265 07	250 11	285 25	230 48
Sylhet	075 05	030 05	100 08	135 13	...	...	...	...	...	...	...	...	...	...	...	055 10	070 13	110 18	...	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	42.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Karachi																	...	
Peshawar																		
Quetta																		

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

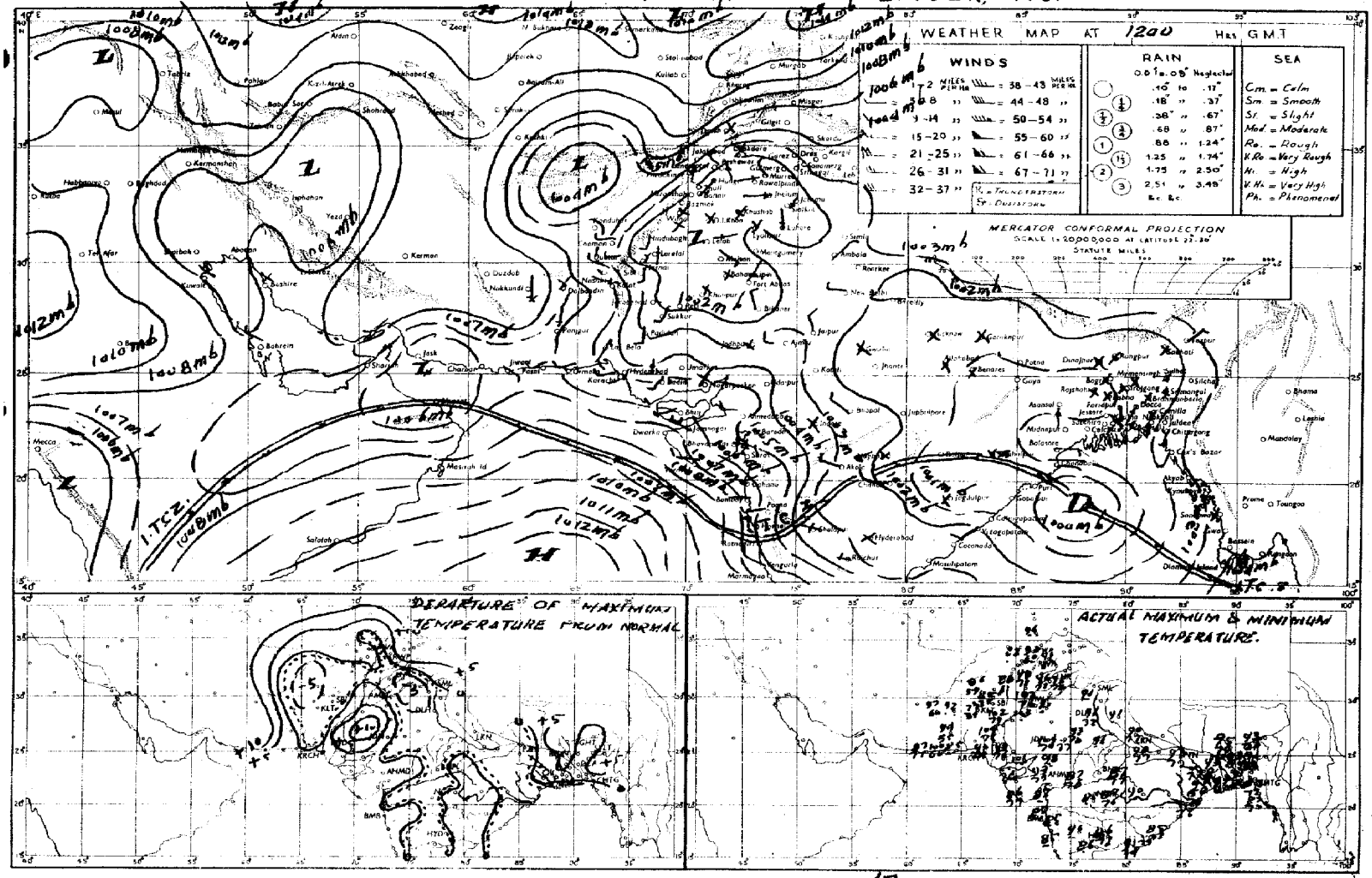
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5"
ff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

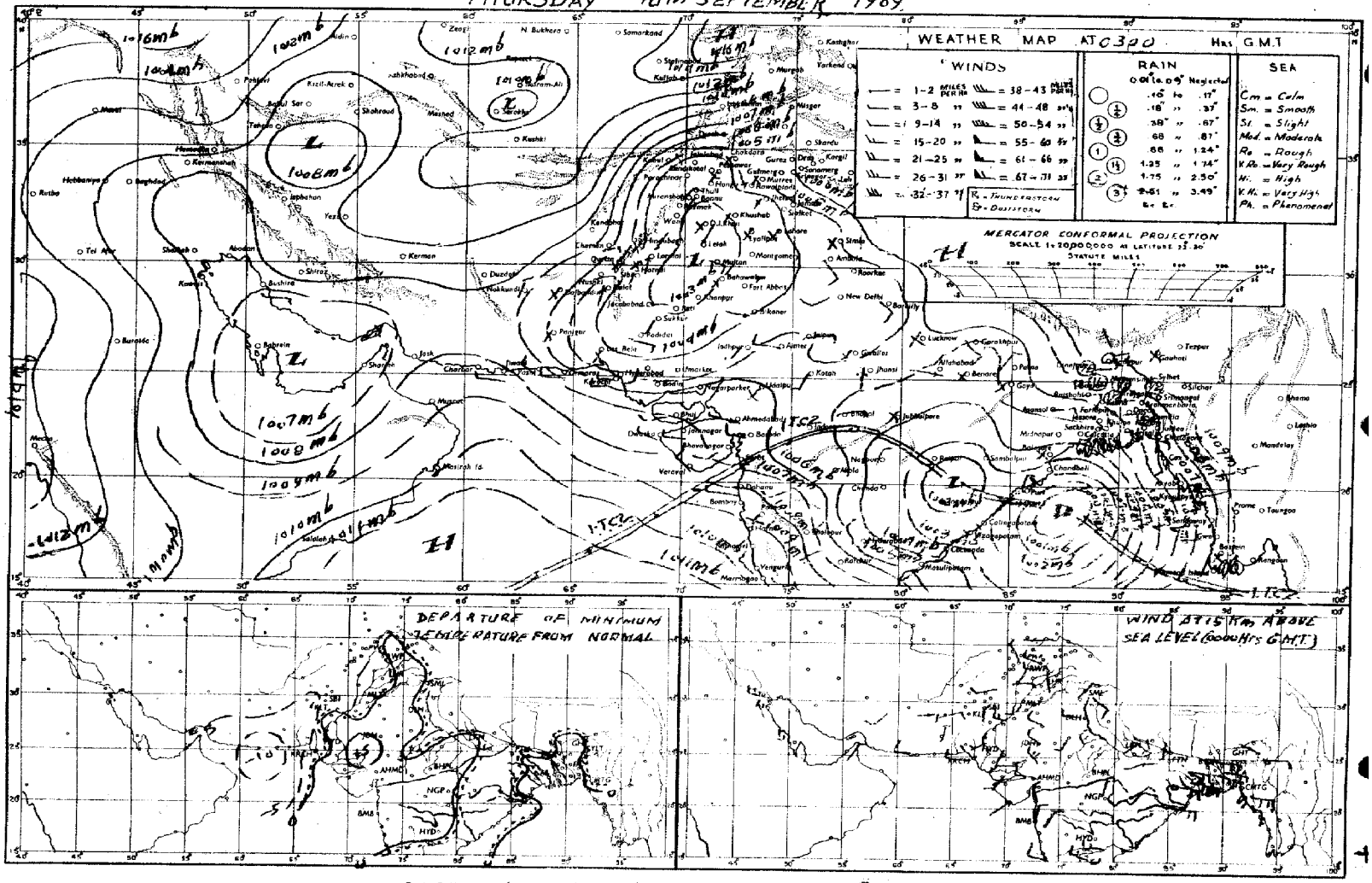
WEDNESDAY 17th SEPTEMBER, 1969



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 18th SEPTEMBER 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 19th SEPTEMBER 1969.

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

Yesterday,s mornings depression moved north west wards and was centred at 18,1200 G.M.T. with in half degree of latitude 19.5 °N north and longitude 86.5 °E. Observations are lacking but believe last evening depression moved west northwest wards, crossed Orissa coast and is centred at 19,0300 G.M.T. about 70 miles north east of Jagdalpur, likely move in the same direction. Rain/thundershowers have been widespread in Khulna division, local in Chittagong division and scattered in Dacca and Rajshahi divisions. The westerly low pressure wave over East Russian Turkistan moved away. A fresh westerly low pressure wave is moving across north of Afghanistan. The seasonal low pressure area lies over Kalat division and neighbourhood. Weather remained dry over west Pakistan.

Chief amounts of rainfall are: Khulna 4″, Maijdee Court 3″, Rajshahi 2″ (upto 1200 Z) Satkhira and Jessore 1½″ each, Barisal 1″, Rangamati and Chittagong ½″ each, Dacca ¼″.

Day temperatures were 3—7 °F (2—4 °C) above normal in Rawalpindi, Peshawar and Hyderabad division and were 3—4 °F (2 °C) below normal in Chittagong, Khulna, Rajshahi and Quetta division.

Forecast valid until the evening of 20th September 1969 :— Rain/thundersrshowers will be fairly widespread in East Pakistan. Weather will remain dry over West Pakistan.

Karachi-11
The 19th September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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	Wind speed in Knots	Horizontal visibility†	Present weather †	Past weather †	Sea level pressure (mbs. and tenths) °	Dry Bulb temperature °	Amount of Lowest Cloud †	Low Clod from †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud from †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at †	Total clud 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	Amounts of Lowest Cloud †	Low Cloud term †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departures from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ww	N	dd	ff	VV	ww	W	PPP	TT	h	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	000	0	7	05	02	98	02	9	048	87	4	8	5	7	/	78	91	052	9	4	18	05	98	01	9	099	81	3	4	6	7	0	75	73	—	—	56.3	—	91.7	—
	Cox's Bazar	000	0	6	13	10	96	02	2	047	82	4	4	4	4	/	73	87																		0				
	Chittagong	036	2	7	36	02	96	05	9	045	77	4	3	4	2	0	77	91	044	9	7	13	09	96	02	2	085	81	3	4	5	7	0	73	73	+ 4	— 1	45.2	—28.3	98.4	140
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	310	6	6	18	02	96	03	2	///	//	5	5	4	2	0	73	76	+ 4	— 1	108.0	+11.8	182.0	108
	Comilla	000	0	6	00	00	96	02	2	044	80	4	4	4	7	/	77	86	900	0	4	16	05	96	02	2	080	82	4	5	5	2	0	73	73	—	— 5	108.0	+11.8	182.0	115
	Brahmanbaria	000	0	6	00	00	97	03	1	050	85	6	0	9	8	0	77	90	010	0	4	13	02	97	03	1	084	84	5	4	5	0	0	75	75	— 2	— 2	78.7	+19.1	97.8	94
	Sylhet	005	9	7	13	05	96	02	6	045	82	5	4	4	7	0	72	87	017	5	6	00	00	94	02	2	078	84	3	0	4	2	0	73	75	—	—	37.6	— 7.2	47.3	78
	Srimangal	000	0	5	00	00	96	02	0	041	80	3	9	5	7	2	76	87	000	0	5	00	00	96	02	0	080	84	0	0	9	7	2	75	75	—	—	114.8	—	142.8	—
Dacca	Mymensingh	000	0	6	00	00	96	02	2	043	85	7	5	4	0	0	76	86	003	0	4	00	00	97	01	/	089	84	4	5	0	0	0	79	81	— 2	+ 3	56.4	— 2.3	71.5	91
	Narayanganj	008	3	3	00	00	96	02	6	039	85	2	6	3	/	/	76	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	—	...	...	...	74
	Dacca (Tezgaon)	015	2	6	00	00	97	01	6	048	82	3	3	3	9	6	73	87	025	9	3	13	05	99	01	6	025	84	2	8	4	3	0	75	78	—	—	44.0	—	55.1	—
	Faridpur	000	0	6	16	02	97	02	2	016	85	5	4	5	1	0	80	87	005	0	6	16	05	96	02	2	024	79	5	4	5	1	0	75	//	0	/	36.8	— 7.3	50.6	71
Khulna	Barisal	010	0	8	13	02	96	02	2	040	82	5	4	5	2	0	78	87	091	8	8	00	00	96	50	6	075	79	6	4	4	2	0	79	75	— 1	— 3	49.1	— 3.7	59.0	81
	Khulna	150	4	8	18	06	97	03	0	037	78	2	3	4	0	0	78	85	400	9	7	00	00	97	03	0	081	79	0	7	4	0	0	79	75	— 3	— 2	45.6	— 0.2	51.7	68
	Satkhira	035	0	6	15	07	97	00	0	097	82	2	2	9	0	1	80	//	136	0	6	18	02	97	01	0	086	87	2	3	9	1	0	79	79	/	+ 2	41.5	— 1.5	46.7	65
	Jessore	145	6	7	04	09	97	00	9	036	77	6	6	3	2	0	76	87	169	9	7	13	07	97	02	9	069	81	4	6	3	7	0	79	79	—	—	41.5	— 1.5	46.7	65
Rajshahi	Pabna	031	6	6	00	00	97	01	6	048	85	2	2	6	7	2	78	87	000	0	8	13	02	98	03	/	072	84	4	8	6	0	3	79	75	—	—	38.8	— 2.1	47.2	65
	Sirajgan	080	0	6	18	01	97	02	2	050	85	6	0	7	6	0	78	87	000	0	8	09	02	98	03	2	077	84	4	6	6	0	3	79	75	—	—	37.7	—	51.4	59
	Rajshahi	196	4	8	09	02	96	40	9	049	76	8	7	4	/	/	76	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	+ 1	35.5	— 6.4	43.1	64
	Bogra	009	7	8	09	02	96	03	2	052	87	5	4	4	2	/	77	85	000	0	7	13	03	96	02	2	076	86	3	4	4	3	0	77	79	— 3	+ 1	34.8	—11.5	45.8	69
	Dinajpur	000	9	6	09	02	96	01	1	053	85	6	0	4	2	/	77	85	000	0	6	13	08	96	03	2	082	88	4	2	4	6	1	75	77	— 3	— 1	61.5	— 9.6	84.5	72
	Rangpur	000	8	7	09	02	96	03	9	019	85	7	5	1	0	0	78	90	000	0	7	09	05	96	03	2	057	82	7	5	6	0	0	//	79	+ 2	+ 2	56.0	— 1.1	74.6	84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	068	95	0	0	0	0	0	64	96	000	0	0	00	00	96	02	8	064	82	0	0	9	0	0	64	75	— 2	+ 3	13.3	— 1.0	17.8	19
	Sialkot	000	0	0	00	00	99	00	0	935	87	0	0	0	0	0	70	95	000	0	0	00	00	96	00	0	028	81	0	0	9	0	0	45	60	0	— 14	69.3	—16.0	11.5	32
Rawalpindi	Jhelum	000	0	0	18	02	98	02	0	004	93	0	0	0	9	0	67	96	000	0	0	00	00	97	02	0	052	81	0	0	9	0	0	69	73	—	—	22.0	—	30.3	—
	Islamabad																																								
	Rawalpindi	000	0	0	27	02	99	00	0	015	93	0	0	0	9	0	67	95	000	0	0	00	00	98	00	0	057	73	0	0	9	0	0	64	69	+ 1	0	18.5	— 4.3	28.6	36
	Campbellpur																																								
Sargodha	Khushab	000	0	0	00	00	98	00	0	002	97	0	0	0	9	0	80	00	000	0	0	00	09	//	98	00	0	040	21	0	0	9	0	0	73	73	+ 1	— 3	3.8	— 6.0	7.2	15
	Sargodha	000	0	0	23	02	97	02	0	005	93	0	0	0	9	0	70	98	000	0	0	00	00	96	04	0	051	79	0	0	9	0	0	69	68	—	—	16.5	—	20.1	—
	Lyallpur	080	8	0	00	00	96	00	0	007	98	0	0	0	9	0	60	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2	—	...	...	...	13
Multan	Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Multan	000	0	0	13	03	97	02	0	997	98	0	0	0	9	0	67	00	000	0	0	27	03	96	02	0	043	82	0	0	9	0	0	59	73	+ 1	— 4	8.0	+ 3.3	11.0	10
	Leiah	000	0	0	16	04	94	00	0	051	81	0	0	0	9	0	70	91	000	0	0	27	02	99	00	0	072	81	0	0	9	0	0	65	73	—	—	1.8	—	2.7	8
Bahawalpur	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur	000	0	0	00	00	96	02	0	014	00	0	0	0	9	0	70	02	000	0	0	00	00	96	00	0	043	82	0	0	9	0	0	69	73	+ 2	— 1	0.7	— 7.5	2.0	6
	Fort Abbas	///	/	0	05	02	98	00	0	005	//	0	0	5	/	/	93	//	-	-	-	-	-	...	...	...	...	...	...	...	...	...	...	...	...	/	...	...	...	...	...	8
Peshawar	Chakdra	000	0	0	00	00	96	02	0	982	87	0	0	0	9	0	67	91	000	0	0	00	05	02	98	02	0	051	69	0	0	9	0	0	62	63	—	—	7.2	—	16.6	—
	Peshawar	000	0	0	00	00	97	03	0	002	91	0	0	0	9	0	59	93	000	0	0	00	03	97	02	0	053	75	0	0	9	0	0	62	69	— 2	— 2	4.7	— 0.5	12.4	11
	Haripur	000	0	0	18	01	98	00	0	005	90	0	0	0	9	0	70	91	000	0	0	00	05	03	98	00	0	046	81	0	0	9	0	0	58	65	—	—	7.7	—	17.9	—
D. I. Khan	Bannu	000	0	0	09	03	99	00	0	997	95	0	0	0	9	0	73	98	000	0	0	00	00	00	00	0	050	73	0	0	9	0	0	60	68	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	999	82	0	0	0	9	0	70	98	000	0	0	00	00	98	00	0	069	79	0	0	9	0	0	62	69	— 2	— 6	3.5	— 1.7	6.0	9
Quetta	Sibi	000	0	0	18	03	97	02	0	995	05	0	0	0	9	0	52	68	000	0	0	27	03	97	02	0	039	73	0	0	9	0	0	46	72	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	36	02	97	02	0	960	//	0	0	0	9	0	35	01	000	0	0	00	00	97	02	0	045	79	0	0	9	0	0	31	69	—	—	0.0	—	0.8	2
Kalat	Turbat	000	0	0	27	02	96	00	0	898	06	0	0	9	0	0	71	06	000	0	0	27	02	96	00	0	994	76	0	0	9	0	0	67	21	—	—	0.2	—	0.2	—
	Jiwani	000	0	0	23	09	96	03	0	038	84	1	0	6	9	0	75	89	000	0	4	00	00	96	00	0	960	76	0	0	9	0	0	67	21	—	—	0.2	—	0.2	—
	pasni	000	0	0	25	18	97	02	0	048	85	0	0	0	9	0	73	88	000	0	4	25	04	95	00	4	970	72	0	0	9	0	0	71	58	— 1	— 15	0.0	— 0.8	0.0	6
Karachi division	Ormara	900	0	0	27	17	96	02	0	042	83	1	6	6	9	0	80	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
	Lasbela	///	0	0	18	03	98	00	0	024	00	0	0	0	9	0	59	04	///	0	0	00	00	98	00	0	069	72	0	0	9	0	0	67	21	—	—	0.2	—	0.2	6
	Karachi (Manora)	000	0	0	27	09	97	03	0	038	82	3	6	4	0	0	75	84	000	0	2	27	07	96	01	0	064	82	2	7	4	0	0	67	21	—	—	0.2	— 5.0	8.7	8
	Karachi (Airport)	000	0	0	25	09	96	02	0	027	85	2	0	5	0	0	72	88	000	0	2	27	03	96	01	1	063	76	2	6	5	0	0	71	58	—	—	1.5	—	1.5	—
Hydera-bad	Nagarparkar	000	0	0	05	02	97	03	0	069	00	0	0	9	0	0	//	01	000	0	0	05	02	97	02	0	107	90	6	4	0	0	0	78	81	—	—	0.1	—	0.1	—
	Chhor	000	0	0	23	09	96	02	0	015	97	0	0	9	0	0	63	02	000	0	0	23	09	//	02	0	043	77	0	0	9	0	0	69	//	—	/	0.2	—	0.3	7
	Hyderabad	000	0	0	23	09	97	01	0	015	97	0	0	9	0	0	67	04	000	0	0	23	05	97	02	0	051	77	0	0	9	0	0	67	72	+ 7	— 4	0.2	— 5.7	0.3	9
	Badin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	23	03	96	02	5	037	96	0	0	9	0	0	71	73	—	— 3	0.3	— 6.8	0.3	—
Khairpur	Padidan	000	0	0	31	03	97	02	0	080	20	0	0	9	0	0	48	05	000	0	0	13	03	97	02	0	036	75	0	0	9	0	0	74	70	—	—	0.8	—	0.8	—
	Nawabshah	000	0	0	00	00	96	02	0	002	06	0	0	9	0	0	48	07	100	0	0	13	06	96	02	0	037	74	0	0	9	0	0	64	67	—	—	1.1	—	1.1	4
	Sukkur	000	0	0	23	09	96	02	0	987	01	0	0	9	0	0	68	03	000	0	0	23	02	96	02	0	035	81	0	0	9	0	0	69	67	—	—	0.1	—	0.1	—
	Kashmore	000	0	0	23	09	98	03	0	009	03	0	0	9	0	0	61	05	000	0	0	00	00	98	02	0	047	84	0	0	9	0	0	69	72	—	—	0.0	—	0.0	4
	Jacobabad	080	0	0	16	02	97	02	0	997	00	0	0	9	0	0	59	06	080	0	5	09	02	96	02	0	039	81	0	0	9	0	0	66	74	+ 2	— 2	0.5	— 1.7	0.8	10
unagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26
	HILL STATIONS																																							
Kashmir	Srinagar *	...																																						
	Gulmarg **	...																																						
	Sonamarg **	...																																						
	Dras **	...																																						
	Leh **	...																																						
	Skardu **	...																																						
	Mirgar **	...																																						
	Aliabad *	...																																						
	Gilgit *	...																																						
Rawalpindi	Murree *	...	000	0	0	27	03	97	00	0	461	68	0	0	9	0	0	58	72	000	0	0	27	05	98	00	0	472	68	0	0	9	0	0	43	56	+ 3	0	15.7	—18.4	33.4	18
Peshawar	Drosh	...	000	0	1	23	10	98	03	0	420	86	1	1	7	9	0	59	94	000	0	0	00	00	98	02	0	488	91	0	0	9	0	0	51	63	+ 6	— 1	3.1	— 14.3	39
	Chitral *	...	000	0	0	36	09	98	02	0	443	85	0	0	0	9	0	47	87	000	0	0	36	05	98	00	0	464	82	0	0	9	0	0	43	//	+ 3	/	3.1	— 8.5	13.4	—
	Kakul	...	000	0	0	23	05	98	02	0	449	80	0	0	0	9	0	63	82	000	0	0	31	05	98	02	0	474	98	0	0	9	0	0	54	//		/	16.0	—	26.7	—
	Landikotal *	...	000	0	0	31	05	98	02	0	271	92	0	0	0	9	0	70	91	000	0	0	36	02	98	02	0	376	90	0	0	9	0	0	69	60	—	—	2.2	—	12.5	29
	Prachinar *	...	000	0	0	16	05	99	02	0	453	80	0	0	0	9	0	55	82	000	0	0	00	00	99	02	0	980	80	0	0	9	0	0	40	59	+ 2	+ 1	6.3	—	17.0	13
D.I. Khan	Miranshah	000	0	0	05	05	99	00	0	456	93	0	0	0	9	0	67	93	000	0	0	05	05	99	00	0	477	91	0	0	9	0	0	60	69	—	—	0.5	— 3.9	2.0	11
	Wana *	...	000	0	0	13	00	99	00	0	465	80	0	0	0	9	0	51	90	000	0	0	13	02	94	-	490	90	0	0	9	0	0	38	58	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman *	...	000	0	0	27	09	98	02	0	456	89	0	0	0	9	0	09	90	000	0	0	00	00	98	02	0	464	67	0	0	9	0	0	25	59	— 1	— 3	2.2	— 2.8	6.5	—
	Hindubagh *	...	000	0	0	20	05	97	02	0	435	67	0	0	0	9	0	67	85	000	0	0	27	03	97	02	0	459	74	0	0	9	0	0	29	49	—	—	2.7	—	6.0	—
	Loralai *	...	000	0	0	13	02	98	00	0	395	90	0	0	0	9	0	65	91	000	0	0	18	02	98	00	0	310	00	0	0	9	0	0	25	40	—	/	0.6	—	0.6	—
	Barkhan *	...	000	0	0	13	02	98	02	0	432	90	0	0	0	9	0	27	91	000	0	0	05	02	98	02	0	//	79	0	0	9	0	0	29	49	—	—	0.8	—	0.9	14
	Harnai *	...	000	0	0	00	00	96	02	0	431	95	0	0	0	9	0	75	95	000	0	0	00	00	96	00	0	441	75	0	0	9	0	0	19	//	—	—	4.0	— 3.4	5.6	9
	Samungli (Quetta) *	...	000	0	0	36	05	97	02	0	461	83	0	0	0	9	0	38	85	000	0	0	00	00	96	02	0	486	54	0	0	9	0	0	34	38	—	—	0.5	— 0.5	3.1	8
	Chaman *	...	000	0	0	23	07	97	00	0	960	86	0	0	0	9	0	53	87	000	0	0	13	03	97	00	0	491	70	0	0	9	0	0	53	62	— 3	—	2.1	+ 2.0	4.8	—
	Nushki *	...	000	0	0	27	03	97	02	0	508	89	0	0	0	9	0	53	91	000	0	0	07	04	97	02	0	522	74	0	0	9	0	0	32	69	—	—	0.5	—	2.6	4
	Dalbandin *	...	000	0	0	05	02	97	02	0	463	96	0	0	0	9	0	06	96	000	0	0	00	00	97	02	0	452	64	0	0	9	0	0	05	56	— 3	—	0.0	— 0.2	0.3	7
Kalat	Kalat *	...	000	0	0	31	02	96	02	0	460	75	0	0	0	9	0	45	79	000	0	0	16	03	97	02	0	478	56	0	0	9	0	0	21	42	— 4	— 3	0.8	— 0.3	2.2	—
	Khuzdar *	...	000	0	0	00	00	97	02	0	436	91	0	0	0	9	0	43	93	000	0	0	00	00	96	02	0	451	68	0	0	9	0	0	27	61	—	—	1.8	—	3.2	5
	Panjgur *	...	000	0	0	36	03	97	02	0	463	94	0	0	0	9	0	60	96	000	0	0	03	00	96	02	0	461	65	0	0	9	0	0	49	57	+ 2	— 6	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 over 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 19th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_at_a	8$N_sC_hh_s$	OT$_s$T$_t$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														
Trebarrisha ...	99 2 28	10 5 97	18 1 23	91 4 05	99 0 22	04 9 31	20 9 07		73 6 15		00 3 21	12 1 84	30 1 00	16 5 01
Mcamsk ...	99 0 31	10 6 42	18 0 01	03 0 02	97 0 20	00 8 22	...		...		00 9 00	13 3 20	...	12 9 08

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
		PoPoPo ToToTo DoDo	hhh TTTd DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	003 256 08		...	098 107 40	580 067 07	751 171 37	962 301 48	237 543 / /	...	...	...	...	...
Dacca ...	00 00	005 277 26		400 162 57	095 082 58	580 067 57	752 163 58	963 301 61	239 537 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...														
Multan ...	00 00	988 250 61		400 190 / /	013 026 / /	566 195 / /	728 291 / /	930 385 / /	203 401 / /	...	...	...	...	...
Peshawar ...	00 00	/86 210 60		415 220 56	010 /10 57	581 073 / /	752 155 / /	963 275 / /	246 425 / /	...	...	...	...	...
Quetta ...	00 00	818 144 65		...	100 104 11	567 119 / /	732 311 / /	930 455 / /	...	...	...	...	...	...
Sargodha ...	00 00	990 250 30		500 184 34	137 070 50	590 115 / /	747 235 / /	953 351 / /	228 461 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_d DD								Max. Wind Speed	TROPOPAUSE	
										PmPmPm dmdm fmfmfm	P$_t$P$_t$P$_t$T$_t$T$_t$T$_{td}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Chittagong ...	00 00	900 194 08	800 128 00	600 008 00	...	...	...	...	...	...	...	...	...	
Dacca ...	00 00	900 206 75	800 132 57	603 009 56	...	...	...	...	...	...	...	...	...	
Gilgit ...														
Jiwani ...														
Karachi ...	00 00													
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	

PPP—Pressure in hunderds tens and units of millibars.

DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.

TT—Dry Bulb temperatures inj°C

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

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T† of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	125 05	130 20	190 15	130 17	135 13	...	...	...	...	110 10	130 10	131 07	...	...	...	110 15	110 23	110 25	...	110 19	...	...	...	...	...	...
Chakla's ...	...	235 04	250 31	240 02	318 06	326 06	165 10	310 10	205 09	...	080 07	120 08	255 08	330 10	315 09	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	230 27	240 20	240 19	225 13	244 16	/13 09	230 06	340 12	330 11	225 27	...	...	100 12	...	315 09	245 13	260 15	235 14	220 18	200 17	170 05	031 10	070 05	340 04	...	...
Chittagong ...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	160 17	155 17	/// //	145 24	140 27	...	...	...	...	...	...
Cox's Bazar ...	140 14	150 22	130 20	135 21	130 25	...	...	...	...	160 18	165 19	175 19	170 12	195 08	235 08	155 07	160 17	160 19	165 15	...	...	...	...	...	...	...
Dacca ...	165 12	115 10	115 09	130 13	130 16	128 12	155 10	...	...	...	...	...	...	...	...	150 01	160 13	160 19	155 20	...	...	...	...	...	...	...
Dalbandin ...	...	...	700 84	055 07	335 18	350 08	185 08	300 19	805 24	...	...	770 04	350 06	011 9/	005 18	...	...	260 06	350 04	005 14	045 28	010 30	025 23	005 19	...	...
D. I. Khan ...	100 05	140 11	145 10	160 58	160 06	755 08	310 10	330 11	315 13	310 08	315 08	330 11	335 13	235 06	205 05	120 05	170 10	210 19	209 17	160 12	140 10	315 04	285 08	255 06	225 10	260 27
Drosh ...	...	...	...	230 04	220 04	185 04	350 06	325 10	310 13	...	...	...	225 01	030 02	040 03	...	...	...	170 01	215 04	205 08	180 08	170 10	180 10	230 27	250 39
Fort Sandeman ...	...	...	...	345 05	270 07	198 09	275 07	...	275 21	...	...	...	230 51	325 06	890 06	...	...	...	245 30	285 03	325 02	270 / /	361 04	285 14	...	...
Jacobabad ...	170 05	280 04	245 07	130 02	160 27	350 04	320 12	335 12	345 12	105 03	175 04	185 05	355 04	060 07	330 05	110 06	020 05	295 05	295 06	180 05	125 09	060 13	050 11	075 13	...	...
Jessore ...	100 19	130 22	185 35	130 38	...	...	...	...	...	130 19	135 21	135 21	130 21	140 18	130 20	140 15	140 14	155 16	...	150 26	...	...	...	...	...	...
Jhelum ...	250 01	250 02	280 03	305 10	320 07	180 02	130 //	318 13	/60 09	115 05	195 07	200 06	800 07	315 10	325 07	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	230 09	270 08	270 09	295 10	320 09	035 12	020 06	355 05	305 06	240 12	285 18	...	...	...	...	240 09	280 14	310 14	325 17	875 08	040 18	360 02	330 08	315 12	...	...
Karachi ...	251 10	260 12	270 11	280 10	255 18	260 08	350 03	330 05	345 09	...	...	...	...	...	...	265 11	295 14	265 14	325 15	220 05	030 09	060 06	...	...	...	...
Khanpur ...	200 06	245 18	250 10	335 06	220 49	178 06	420 04	321 16	320 23	220 14	225 14	210 19	215 13	245 11	260 07	270 08	270 10	270 10	270 12	260 20	260 13	250 04	035 11	015 25	270 25	265 19
Lahore ...	330 02	305 03	298 02	328 04	100 04	115 07	360 07	350 09	295 10	130 06	150 05	160 03	260 01	301 03	270 06	...	...	...	...	...	...	...	...	...	...	...
Multan ...	...	...	...	...	...	...	...	...	...	040 08	14 08	145 06	150 04	155 07	155 07	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	205 03	245 01	224 02	295 01	245 12	240 19	230 58	...	...	340 02	355 03	285 05	310 07	330 07	355 10	090 03	005 02	150 04	175 06	295 05	020 10	035 03	340 08	310 08	...	...
Panjgur ...	...	...	...	340 04	350 04	325 08	315 09	300 13	295 11	...	...	...	005 09	355 10	340 15	...	...	...	330 05	020 11	005 16	015 22	345 27	350 30	...	...
Peshawar ...	...	060 87	095 10	170 07	175 12	180 08	330 //	305 14	280 18	...	305 10	290 07	230 08	235 10	200 10	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	300 08	335 05	310 73	305 13	290 25	...	...	...	...	...	...	...	...	...	...	240 3	250 05	275 07	280 09	285 11	...	...
Sargodha ...	155 03	225 03	240 05	340 07	260 07	065 02	210 11	255 17	270 20	145 03	250 03	155 03	350 03	010 04	090 12	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	085 24	002 45	090 21	...	...	...	...	...	...	115 05	115 08	110 10	120 06	...	...	105 08	120 10	105 19	120 19	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	120 17	120 21	115 20	...	115 26	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	265 21	275 27	265 20	260 18	280 10	035 18	050 15	035 12	350 14	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

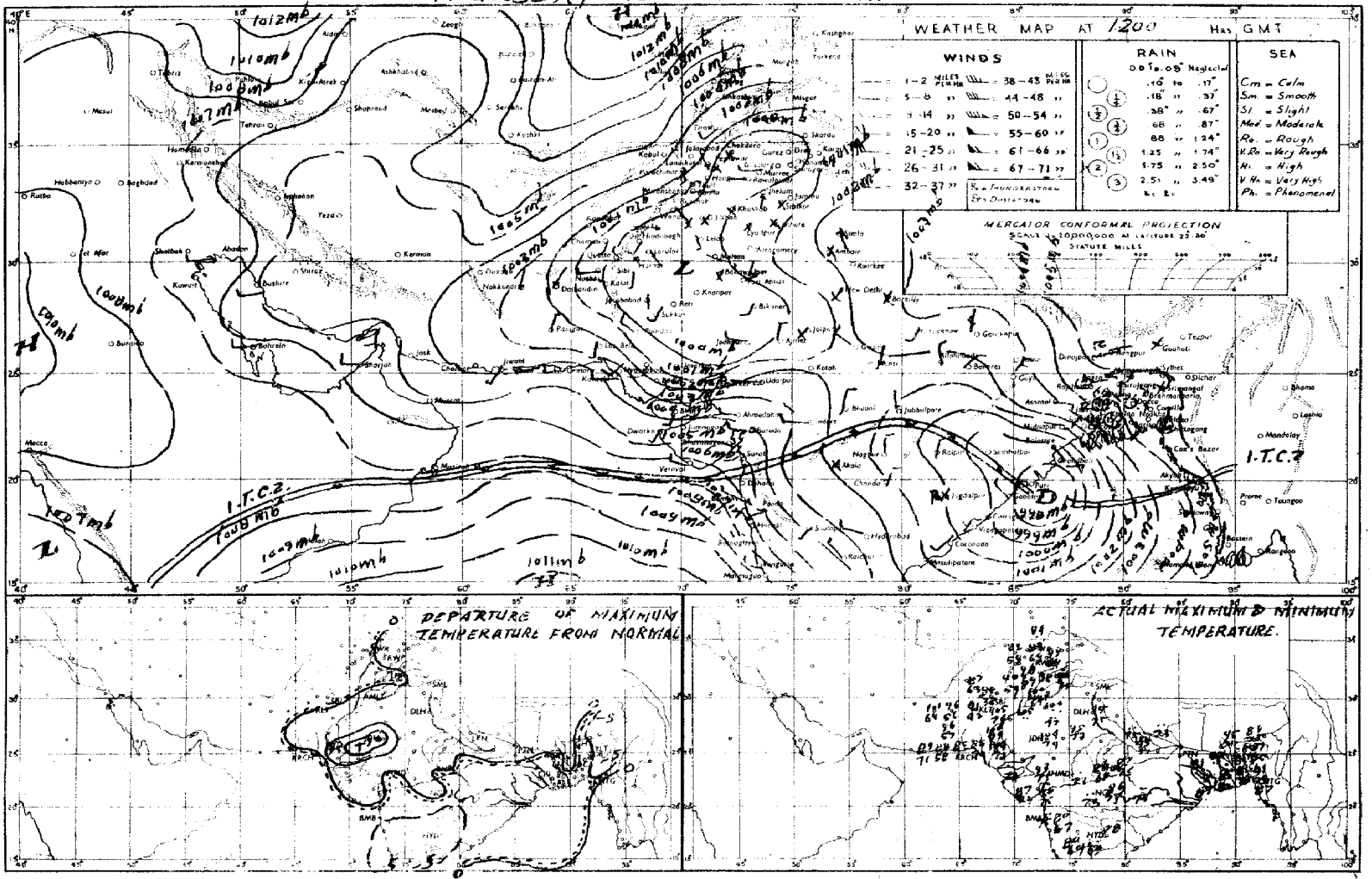
ff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

THURSDAY 18th SEPTEMBER 1969



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 19th SEPTEMBER, 1969

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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 20th SEPTEMBER 1969.

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

Yesterday's morning depression moved northwestwards and was centred at 19,1200 G.M.T. 90 miles north northeast of Jagdalpur. Observations are lacking but believe last evening depression moved northwestwards and is centred at 20,0300 G.M.T. cloes to Rangpur. It is likely to continue move in the same direction. Monsoon is active over East Pakistan. Rain/thundershowers have been widespread in Dacca and Khulna divisions, fairly widespread in Chittagong division and local n Rajshahi division. The westerly low pressure wave is moving across east Russian Turkistan. The seasonal low pressure area lies over Quetta and Kalat divisions. Weather remained dry over west Pakisitan.

Chief amounts of rainfall are: Khulna 3", Brahmanbaria, Narayanganj, Sirajganj 2" each, Maijdee Court, Dacca, Barisal, Jessore, Pabna "1, each Bogra 3/4" Comilla, Satkhira ½" each, Rangamati, Srimangal, Mymensingh, Faridpur and Rangpur ¼" each.

Day temperatures were 3 – 6 °F (2 – 3 °C) above normal in Chittagong, Rajshahi, Rawalpindi, Multan, Peshawar, D. I. Khan Hyderabad and Quetta divisions.

Forecast valid until the evening of 21st September 1969 :— Rain/thundershowers will be fairly widespread over east Pakistan, scattered in Lahore and Rawalpindi divisions. Weather will remain dry elsewhere over west Pakistan.

Karachi-11
The 20th September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Winds speed in Knots ff	Horizontal visibility† VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths) * PPP	Dry Bulb temperature * TT	Amount of Lowest Cloud † Nh	Low Clod from † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud from † 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 ...	028	1	9	18	02	96	60	8	977	77	9	/	4	/	/	76	89
	Cox's Bazar ...	000	0	7	18	10	96	03	2	060	82	5	5	4	3	0	76	87
	Chittagong ...	013	7	7	18	10	96	02	6	064	82	6	9	5	2	0	73	87
	Maijdee Court ...	100	9	8	18	02	95	03	6	058	80	5	5	5	2	0	78	93
	Comilla ...	000	0	7	00	00	96	03	2	065	78	7	4	4	0	0	76	87
	Brahmanbaria ...	192	8	8	13	03	96	62	9	069	77	8	3	5	/	/	77	89
	Sylhet ...	000	0	7	23	05	96	03	2	065	82	5	3	5	2	1	76	90
	Srimangal ...	025	4	7	00	00	96	02	6	083	77	4	9	4	3	1	73	87
Dacca	Mymensingh ...	000	2	4	00	01	96	60	6	074	78	4	5	4	0	0	78	86
	Narayanganj ...	155	6	8	23	02	96	6·	2	062	77	8	7	2	/	/	73	87
	Dacca (Tezgaon) ...	075	6	7	13	05	97	03	6	058	80	5	9	3	2	0	77	85
	Faridpur ...	025	6	7	16	02	97	02	6	033	78	5	5	4	1	0	77	87
Khulna	Barisal ...	061	1	8	18	02	96	05	0	056	77	6	7	4	2	0	77	80
	Khulna ...	100	4	4	00	00	97	03	0	046	78	2	2	4	0	0	78	83
	Satkhira ...	000	0	6	18	01	97	00	1	086	82	2	3	9	0	0	80	90
	Jessore ...	023	3	7	09	03	97	51	9	044	78	3	6	3	7	0	76	86
Rajshahi	Pabna ...	103	8	8	00	00	97	01	6	060	77	8	0	9	9	/	76	85
	Sirajganj ...	155	3	9	09	02	96	02	6	053	78	8	0	7	8	0	78	87
	Rajshahi ...																	
	Bogra ...	064	4	8	00	00	96	19	1	060	77	7	7	4	2	0	77	87
	Dinajpur ...	096	2	8	09	02	96	66	6	062	78	6	0	8	7	1	77	89
	Rangpur ...	000	2	7	00	00	96	29	9	017	86	5	3	6	2	0	77	91
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	1	00	00	96	01	0	026	93	1	0	9	3	0	63	95
	Sialkot ...	000	0	0	00	00	99	00	0	990	88	0	0	9	0	0	//	95
Rawalpindi	Jhelum ...	000	0	0	00	00	97	02	0	019	93	0	0	9	0	0	67	96
	Islamabad ...																	
	Rawalpindi ...	000	0	0	00	00	99	00	0	030	91	0	0	9	0	0	63	95
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	0	00	00	97	00	0	020	95	0	0	9	0	0	80	98
	Sargodha ...	000	0	0	13	03	97	02	0	021	93	0	0	9	0	0	63	96
	Lyallpur ...	000	0	0	00	00	96	00	0	013	95	0	0	9	0	0	70	98
Multan	Sahiwal ...																	
	Multan ...	000	0	0	13	02	97	02	0	915	98	0	0	9	0	0	47	02
	Leiah ...	000	0	0	27	01	94	00	0	039	91	0	0	9	0	0	67	91
Bahawalpur	Khanpur ...	000	0	0	00	00	97	01	0	017	02	0	0	9	0	0	58	02
	Bahawalpur ...	///	/	...	...	...	...	...	...	...	//	...	...		...			//
	Fort Abbas ...			0	00	00	98	00	0	005		0	0	9	0	0	93	
Peshawar	Chakdra ...	000	0	0	27	05	98	02	0	994	90	0	0	9	0	0	64	91
	Peshawar ...	000	0	1	31	03	97	02	0	013	91	1	1	6	0	0	60	95
	Haripur ...	000	0	0	23	03	98	00	0	019	91	0	0	9	0	0	76	93
D. I. Khan	Bannu ...	000	0	0	09	01	99	00	0	012	93	0	0	9	0	0	51	96
	D. I. Khan ...	000	0	0	00	00	98	00	0	016	93	0	0	9	0	0	78	96
Quetta	Sibi ...	000	0	0	18	03	97	02	0	016	05	0	0	9	0	0	52	60
	Nokkundi ...	000	0	0	31	02	97	02	0	975	//	0	0	9	0	0	35	01
Kalat	Turbat ...	000	0	0	27	02	96	00	0	995	03	0	0	9	0	0	80	03
	Jiwani ...	000	0	0	18	10	96	02	0	037	89	0	0	9	0	0	75	88
	Pasni ...	000	0	0	25	20	97	02	0	043	85	0	0	9	0	0	75	88
Karachi division	Ormara ...																	
	Lasbela ...	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...
	Karachi (Manora) ...	000	0	4	27	07	97	03	0	043	81	4	6	4	0	0	75	83
	Karachi (Ariport) ...	000	0	2	27	09	96	02	0	044	83	2	6	5	0	0	72	87
Hyderabad	Nagarparker ...																	
	Chhor ...	000	0	4	23	05	96	03	0	029	//	2	9	9	1	1	59	//
	Hyderabad ...	000	0	2	23	09	97	02	0	025	93	0	0	9	0	1	65	01
	Badin ...	000	0	0	23	04	90	20	0	051	94	0	0	9	0	0	67	84
Khairpur	Padidan ...	000	0	0	23	05	97	02	0	014	02	0	0	9	0	0	47	04
	Nawabshah ...	000	0	0	18	03	96	02	0	025	01	0	0	9	0	0	53	02
	Sukkur ...	000	0	0	23	03	96	02	0	992	01	0	0	9	0	0	68	05
	Kashmore ...	000	0	0	23	02	98	02	0	005	97	0	0	9	0	0	48	99
	Jacobabad ...	000	0	0	13	03	97	02	0	012	99	0	0	9	0	0	64	00
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	0	29	03	98	00	0	466	67	0	0	9	0	0	47	72
Peshawar	Drosh * ...	000	0	7	23	12	97	03	1	447	82	5	4	7	7	0	34	90
	Cherat * ...	000	0	0	36	04	98	00	0	468	85	0	0	9	0	0	45	87
	Kakul * ...	000	0	1	23	03	98	03	0	465	83	1	1	6	0	0	44	84
	Landikotal * ...	000	0	0	31	05	98	02	0	263	85	0	0	9	0	0	85	90
	Prachinar * ...	000	0	2	18	05	99	02	0	463	78	2	1	7	0	0	34	80
D.I. Khan	Miranshah * ...	...	...	...	...	...	...	...		...	...	...	...		...	...	...	...
	Wana * ...	000	0	0	00	00	99	00	0	465	87	0	0	9	0	0	51	90
Quetta	Fort Sandeman * ...	000	0	0	00	00	98	02	0	447	89	0	0	9	0	0	09	90
	Hindubagh * ...	000	0	0	23	03	97	02	0	415	86	0	0	9	0	0	40	87
	Loralai * ...	000	0	0	27	02	98	00	0	390	85	0	0	9	0	0	65	97
	Barkhan * ...	000	0	0	23	02	98	02	0	434	93	0	0	9	0	0	44	94
	Harnai * ...	000	0	0	00	00	96	02	0	460	95	0	0	9	0	0	45	96
	Samungli (Quetta) * ...	000	0	0	36	05	97	02	0	454	84	0	0	9	0	0	39	88
	Chaman * ...	000	0	0	23	07	97	00	0	960	86	0	0	9	0	0	53	87
	Nushki * ...	000	0	0	31	06	97	02	0	514	97	0	0	9	0	0	64	99
	Dalbandin * ...	000	0	0	05	03	97	02	0	462	00	0	0	9	0	0	04	01
Kalat	Kalat * ...	000	0	0	31	02	97	02	0	438	77	0	0	9	0	0	49	82
	Khuzdar * ...	000	0	0	13	03	97	02	0	441	90	0	0	9	0	0	47	93
	Panjgur * ...											0	0	9	0	0		

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

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total clud amount N	Wind direction in tens of degrees dd	Wind speed in konts ff	Horizontal visibility † VV	Present weather † ww	Past Weather W	Sea level pressure (mbs. and tenths) * PPP	Dry Bulb temperature TT	Amounts of Lowest Cloud † h	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, 1969 to-date	Rainfall: Departure from normal	Rainfall: Since 1st January, 1969 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	034	9	2	36	02	98	01	6	110	84	1	4	6	3	/	75	77	—	—	86.6	—	92.1	—
	Cox's Bazar	000	0	2	21	06	97	01	1	099	84	1	5	5	3	0	73	75	0	— 1	67.6	−37.4	95.4	140
	Chittagong	000	0	2	18	02	96	02	1	097	84	1	4	5	3	0	73	75	0	— 2	45.2	−28.6	98.4	108
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6					115
	Comilla	045	7	4	18	05	96	02	6	///	82	4	4	7	0	0	77	75	— 1	— 2	79.1	+19.2	98.3	94
	Brahmanbaria	192	0	4	36	02	97	03	/	094	84	4	0	9	7	0	76	65	—	—	39.5	— 5.6	49.2	78
	Sylhet	013	9	6	09	05	96	02	0	095	82	2	4	4	2	1	75	75	—	—	115.0	—	143.0	—
	Srimangal	025	9	2	00	00	96	02	9	098	82	0	0	9	2	1	75	75	— 2	0	58.1	+ 2.4	79.6	98
Dacca	Mymensingh	030	6	4	00	00	97	02	1	103	84	4	5	6	0	0	72	75	— 2	— 3	56.7	— 2.5	71.8	91
	Narayanganj	155	0	6	13	02	97	02	2	098	84	5	6	6	3	1	77	75	—	— 4	40.3	−15.4	65.7	74
	Dacca (Tezgaon)	101	9	6	13	02	97	02	6	095	82	3	3	4	5	0	75	75	— 1	—	45.0	—	56.1	—
	Faridpur	028	0	6	16	05	97	02	2	090	84	4	4	5	1	0	77	79	0	+ 1	37.1	— 7.2	50.7	71
Khulna	Barisal	091	9	5	18	05	97	02	6	094	81	4	8	4	5	0	79	75	— 8	— 3	50.0	−32.0	59.8	81
	Khulna	300	9	4	13	05	97	03	0	107	81	0	4	4	0	0	79	75	— 5	— 2	48.6	−25.0	54.7	68
	Satkhira	051	0	8	13	06	97	00	1	078	81	2	3	9	0	1	77	75	+ 1	— 2	42.0	— 1.2	17.3	65
	Jessore	090	0	8	12	09	97	20	5	087	79	2	5	4	3	0	77	77	—	—	39.7	— 1.5	48.1	65
Rajshahi	Pabna	213	9	6	13	02	98	03	2	095	81	6	0	7	4	3	77	75	/	— 3	37.6	— 4.6	45.2	59
	Sirajganj	...	...	...	...	..	...	...	...	...	...	...	...	...	..	...	...	..	0					64
	Rajshahi																							
	Bogra	079	9	6	09	02	96	02	6	097	82	3	5	4	3	0	75	75	— 1	— 3	35.6	−11.0	46.6	69
	Dinajpur	...		...								...	...	...		...			+ 1					72
	Rangpur	028	8	6	09	02	96	01	6	057	82	3	5	6	2	0	77	79	+ 3	+ 2	56.3	— 1.3	74.8	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	09	02	95	05	0	081	81	0	0	9	0	0	69	75	— 3	+ 3	13.3	— 1.0	17.8	19
	Sialkot	...	—	...	...	..	...	...	—	—	...	...	...	...	...	...	...	...	0					32
Rawalpindi	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Islamabad																							—
	Rawalpindi	000	0	0	36	02	98	00	0	087	73	0	0	9	0	0	62	69	+ 5	0	18.5	— 4.4	28.6	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	09	//	97	00	0	080	79	0	0	9	0	0	73	73	— 1	— 3	3.8	— 6.1	7.2	15
	Sargodha	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Lyallpur	000	0	0	00	00	96	00	0	078	81	0	0	9	0	0	73	75	0	+ 1	4.6	— 4.4	7.6	12
Multan	Sahiwal																							10
	Multan	000	0	0	00	80	97	02	0	075	81	0	0	9	0	0	65	79	+ 3	+ 2	8.0	+ 3.3	11.0	7
	Leiah	000	0	0	23	01	99	00	0	081	81	0	0	9	0	0	73	75	—	—	1.0	—	2.7	8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	054	81	0	0	9	0	0	58	68	+ 1	— 7	0.2	— 4.6	1.1	6
	Bahawalpur	0:0	0	0	00	00	96	00	0	597	84	0	0	9	0	0	69	73		— 1	0.7	— 3.5	2.0	6
	Fort Abbas		...		...	...	...	...	...	...	—	...	...	...	...	...	...	...	/					8
Peshawar	Chakdra	000	0	0	00	00	98	02	0	075	68	0	0	9	0	8	58	62	—	—	7.2	—	16.6	—
	Peshawar	003	0	0	31	02	96	05	0	080	73	0	0	9	0	0	60	69	0	— 2	4.7	+ 0.5	13.4	11
	Haripur	003	0	0	05	03	98	00	0	088	81	0	0	9	0	0	58	65	—	—	7.7	—	17.9	—
D. I. Khan	Bannu	000	0	0	27	01	99	00	0	081	73	0	0	9	0	0	60	69	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	076	77	0	0	9	0	0	65	73	— 4	— 2	3.5	−18.0	6.0	9
Quetta	Sibi	000	0	0	18	03	97	02	0	064	77	0	0	9	0	0	58	75	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	36	03	57	02	0	043	79	0	0	9	0	0	31	68	/	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	27	02	96	00	0	969	78	0	0	9	0	0	71	21	—	—	0.2	—	0.2	—
	Jiwani	003	0	2	09	02	96	02	0	072	76	2	6	5	0	0	73	73	—	—	0.8	—	2.0	5
	Pasni	000	0	4	25	06	97	02	0	///	76	0	0	9	0	0	73	53	— 1	— 20	0.0	— 0.8	0.0	6
Karachi division	Ormara																							4
	Lasbela	///	0	0	00	00	98	00	0	073	76	0	0	8	0	0	76	63	—	—	0.7	—	0.7	8
	Karachi (Manora)	000	0	2	27	09	96	03	0	067	77	2	0	9	2	0	73	76	— 2	— 1	1.0	— 5.0	1.1	8
	Karachi (Ariport)	000	0	6	27	07	96	03	1	067	78	6	6	5	0	0	72	74	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker																							—
	Chhor	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	/					7
	Hyderabad	000	0	0	20	03	97	02	0	047	77	0	8	9	0	0	70	73	+ 4	— 3	0.2	— 5.7	0.3	9
	Badin	000	0	0	00	00	96	02	0	062	74	0	0	9	0	0	69	72	— 1	— 4	0.3	— 6.8	0.3	—
Khairpur	Padidan	000	0	0	18	03	97	02	0	058	75	0	0	9	0	0	67	69	—	—	0.8	—	0.8	4
	Nawabshah	000	0	0	00	00	96	02	0	058	74	0	0	9	0	0	69	69	—	—	1.1	—	1.1	—
	Sukkur	000	0	0	13	03	95	05	0	059	82	0	0	9	0	0	70	78	—	—	0.1	—	0.1	4
	Kashmore	...	...		...	...	...	...		...	...	...	...	...		...	...	...	—					20
	Jacobabad	080	0	0	09	03	96	02	0	056	80	0	0	9	0	0	66	74	— 3	— 2	0.5	— 1.7	0.8	26
Junagadh	Veraval																							—
	HILL STATIONS																							
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							3
	Dras **																							6
	Leh **																							—
	Skardu *																							—
	Misgar **																							5
	Aliabad *																							59
	Gilgit *																							
Rawalpindi	Murree *	000	0	0	27	03	98	00	0	496	62	0	0	9	0	0	51	56	+ 3	0	15.7	−18.5	23.4	18
Peshawar	Drosh *	000	0	0	13	02	98	02	0	508	62	0	0	9	0	0	40	62	+ 2	— 2	3.1	—	14.3	29
	Cherat *	000	0	0	36	03	98	00	0	457	73	0	0	9	0	0	49	//	+ 3	—	8.1	— 8.6	13.4	—
	Kakul *	000	0	0	18	02	98	02	0	504	73	0	0	9	0	0	54	64	—	—	16.0	—	26.7	—
	Landikotal *	000	0	0	36	02	94	02	0	358	73	0	0	9	0	0	73	62	—	—	2.2	—	12.6	29
	Prachinar *	000	0	0	00	00	98	02	0	504	65	0	0	9	0	0	40	60	0	+ 2	6.3	—	17.0	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	495	79	0	0	9	0	0	69	73	—	—	0.5	— 3.9	2.0	11
	Wana *	000	0	0	00	00	99	00	0	470	64	0	0	9	0	0	40	59	—	—	1.2	—	4.1	14
Quetta	Fort Sandeman *	000	0	0	00	01	97	02	0	489	67	0	0	9	0	0	39	62	— 1	— 2	2.2	— 2.7	6.5	—
	Hindubagh *	000	0	0	00	00	97	02	0	456	74	0	0	9	0	0	53	45	—	—	2.7	—	6.0	9
	Loralai *	000	0	0	18	02	98	00	0	350	60	0	0	9	0	0	55	40	—	—	0.6	—	0.6	—
	Barkhan *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					14
	Harnai *	000	0	0	00	00	//	//	/	468	77	0	0	9	0	0	58	//	—	/	4.0	— 3.4	5.6	9
	Samungli (Quetta) *																		—					8
	Chaman *	000	0	0	13	03	97	00	0	473	74	0	0	9	0	0	49	67	— 3	+ 5	7.1	+ 2.0	4.0	—
	Nushki *	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...		—					4
	Dalbandin *	000	0	0	00	00	97	02	0	441	65	0	0	9	0	0	20	59	+ 2	— 4	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	16	02	97	02	0	484	60	0	0	9	0	0	46	47	— 1	0	0.8	— 0.3	2.2	—
	Khuzdar *	000	0	0	00	00	96	02	0	479	71	0	0	9	0	0	48	67	—	—	1.0	—	3.2	5
	Panjgur *																							—

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 20th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	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$_s$	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														
Trebartha	99 2 60	10 5 70	19 0 63	03 5 07	90 0 20	06 5 31	00 9 00	...	73 2 10		00 8 35	13 2 03	30 2 01	10 5 01
Mcensk	99 1 40	10 6 85	20 0 01	00 5 23	98 0 20	07 4 24	00 0 00	13 4 00	...		...	12 9 00	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PoPoPo ToToTo DoDo	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
			hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	004 244 08	...	450 176 25	124 082 19	583 065 26	754 155 38	965 291 58	241 525 //	...	...	...	...	...
Dacca	00 00	007 272 27	...	400 182 50	125 102 50	586 031 57	760 125 57	974 271 64	253 505 //	...	...	...	...	...
Gilgit														
Jiwani														
Karachi		955 264 27	...	400 154 42	982 050 //	565 095 //	734 181 //	944 301 //	224 451 //	...	...	...	...	...
Multan	00 00	991 244 56	...	450 230 64	125 100 35	582 115 //	751 191 //	961 261 //	249 355 //	...	...	...	...	...
Peshawar	00 00	965 210 55	...	400 220 59	109 104 58	581 081 //	750 181 //	959 301 //	242 431 //	...	...	...	...	...
Quetta	00 00	819 160 72	...	...	113 104 //	529 097 //	746 267 //	016 309 49	...	...	...	...	...	...
Sargodha	00 00	993 254 57	...	450 204 56	228 080 58	590 105 //	759 185 //	969 295 //	240 421 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	900 196 24	800 144 23	600 010 16	350 225 41	...	...	...	...	...	...	...	...
Dacca	00 00	900 206 38	800 140 56	600 030 50	350 183 59	...	...	...	...	...	...	...	...
Gilgit													
Jiwani													
Karachi	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0800 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd fff) 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	...	...	...		...		...	...	...	100 15	115 17	130 15	113 10	135 11	...	...	...	...	...	280 05	...	...	...	...	...	...
Chaklala	...	125 10	115 08	255 03	280 11	320 07	...	...	...	...	100 10	120 12	205 01	260 05	325 06	...	130 03	125 04	255 05	165 18	320 06	340 08	285 12	275 29	...	...
Chhor	230 18	240 14	235 15	245 09	185 09	124 11	005 06	013 19	255 15	250 17	210 12	/// //	150 12	180 08	140 09	230 08	235 07	225 10	180 14	180 22	110 23	070 36	100 12		...	...
Chittagong	175 19	170 22	170 23	170 20	170 22	150 10	...	...	...	...			...	...	...	207 10	195 18	195 20	185 19	160 15	170 24	145 11	160 27	140 13	160 30	150 06
Cox's Bazar	120 17	175 14	180 18	185 17	...	...	...	...	...	155 12	155 10	/// //	140 12	135 17	115 19	185 20	180 17	160 13	160 15		170 15	150 15	155 18	175 15	180 10	095 15
Dacca	150 13	170 18	185 20	165 16	175 16	...	...	...	...	...	...	...	...	...	...	140 07	140 09	165 11	175 12	005 07	...	...	...	...	...	...
Dalbandin	...	...	205 13	130 06	085 08	080 07	355 09	320 10	290 23	...		090 04	060 04	360 08	345 21		...	070 06	055 05	160 10	010 15	340 22	350 21	355 15	325 17	260 39
D. I. Khan	150 03	170 09	165 11	141 57	160 13	155 07	...	...	...	110 10	120 10	125 12	148 13	155 11	185 06	130 07	170 07	195 08	180 11	335 05	180 10	330 03	285 03	315 03	335 08	...
Drosh	..	...	...	240 13	225 13	210 17	...	...	...		...	...	035 01	335 05	320 09	...	...	...	035 01	025 09	320 09	330 07	320 05	320 06	...	...
Fort Sandeman	...	...		025 01	140 03	165 02	290 14	265 11	295 18	...	...		030 02	250 01	270 07	...	...	...	020 09	230 11	085 06	260 18	245 14	230 13	265 15	230 15
Jacobabad	101 02	060 07	290 05	260 10	180 05	130 10	...	...	...	205 /1	215 08	210 08	210 07	165 10	075 05	325 07	240 12	240 12	240 11	170 30	245 08	015 21	040 10	035 09	...	...
Jessore	No	Ascent			...	...	...	...	...	140 19	140 27	145 33	...	160 31	...	140 03	160 13	170 25	170 30	265 04	160 15	...	...	...	...	...
Jhelum	215 04	260 05	330 05	340 10	320 17	335 17	320 02	360 08	310 12	145 10	185 10	160 10	180 04	200 02	265 09	085 11	165 03	185 05	195 04	045 08	330 06	005 12	350 13	350 18	265 24	...
Jiwani	230 16	260 17	280 13	330 04	020 08	050 15	360 05	330 09	320 13	195 09	240 07	265 16	310 12	325 06	055 13	215 04	265 07	290 08	005 06	040 15	075 19	060 14	020 08	345 11	295 21	255 24
Karachi	250 12	275 10	265 07	280 05	355 07	015 10	015 05	355 08	315 10	...		...	...	...	...	265 09	340 07	015 10	025 15	090 04	025 26	040 13	005 13	020 18	...	...
Khanpur	235 08	245 07	250 07	275 08	280 05	240 03	305 10	295 19	285 25	050 10	055 12	085 13	105 11	080 04	104 16	135 06	135 09	135 11	135 12	060 13	355 19	320 11	020 17	028 13	265 21	280 16
Lahore	095 03	075 01	070 01	230 01	360 05	360 11	090 06	350 03	300 06	160 08	155 09	135 06	085 01	095 09	020 14	110 10	135 07	130 07	075 08	110 07	030 08	300 11	...	280 10	...	...
Multan	...	...	...	...	...	...	...		...	135 18	120 12	140 06	300 07	280 14	315 09	180 05	115 10	115 11	115 13	230 09	052 03	340 13	345 18	360 19	...	...
Nawab Shah	160 06	165 06	125 05	095 03	270 03	005 12	240 10	320 08	300 10	145 10	140 09	140 11	110 14	095 20	...	...	180 10	230 08	230 08	065 05	290 10	020 20	070 15	...	...	...
Panjgur	...	...	...		...	...	...	...	...	...		...	200 05	070 06	04 12	...	...	...	165 06	205 09	050 09	020 28	020 23	010 16	260 41	015 10
Peshawar	...	060 07	...	160 12	195 10	270 07	290 13	270 11	275 15	...	335 15	225 12	200 10	150 09	125 06	...	010 04	245 08	235 07	29/ 10	230 06	275 09	265 14	270 20	...	...
Quetta	...	...	...	...	330 12	325 07	305 10	285 22	285 25	...	...	...	...			...				010 03	305 09	330 12	320 14	305 21	...	...
Sargodha	...		...	...	...	...	...	...	...	165 05	185 04	170 03	075 03	060 03	015 06	075 03	115 06	115 06	005 02	045 03	330 11	010 07	290 12	280 14	...	...
Sylhet	205 06	180 09	160 07	180 06	...	...	...	...	...	100 07	095 06	083 05	115 04	075 03	155 06	125 06	090 04	080 04	060 08	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	..	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43 0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	105 19	120 23	170 23	...	135 15	...	150 12	...	180 08	...	...	...	...	...	...	...	...	...
Karachi	270 12	295 17	320 15	335 11	005 13	005 14	050 24	015 16	340 09	...	...	...	...	...	...	...	...	...
Peshawar																		
Quetta																		

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

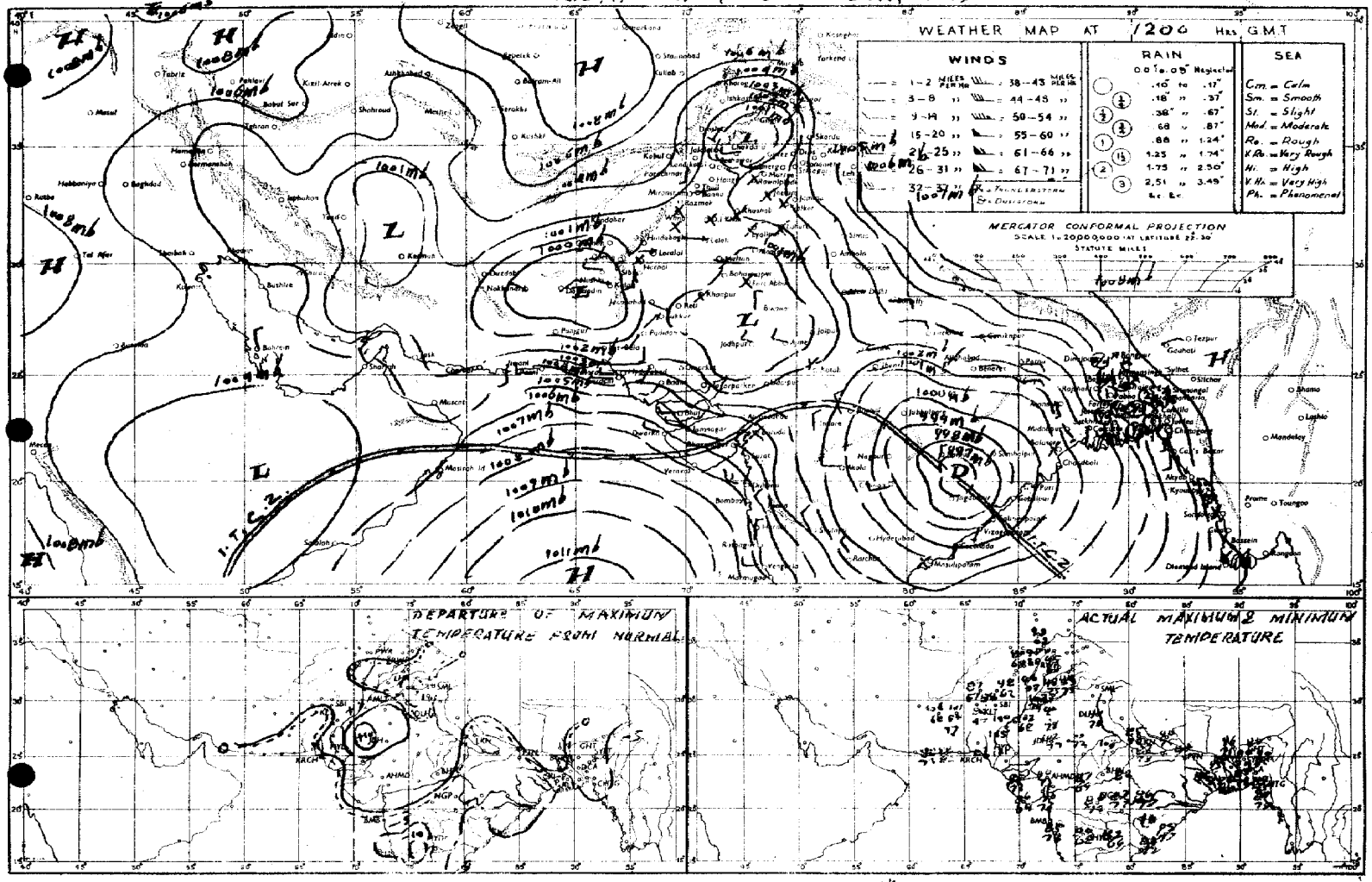
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

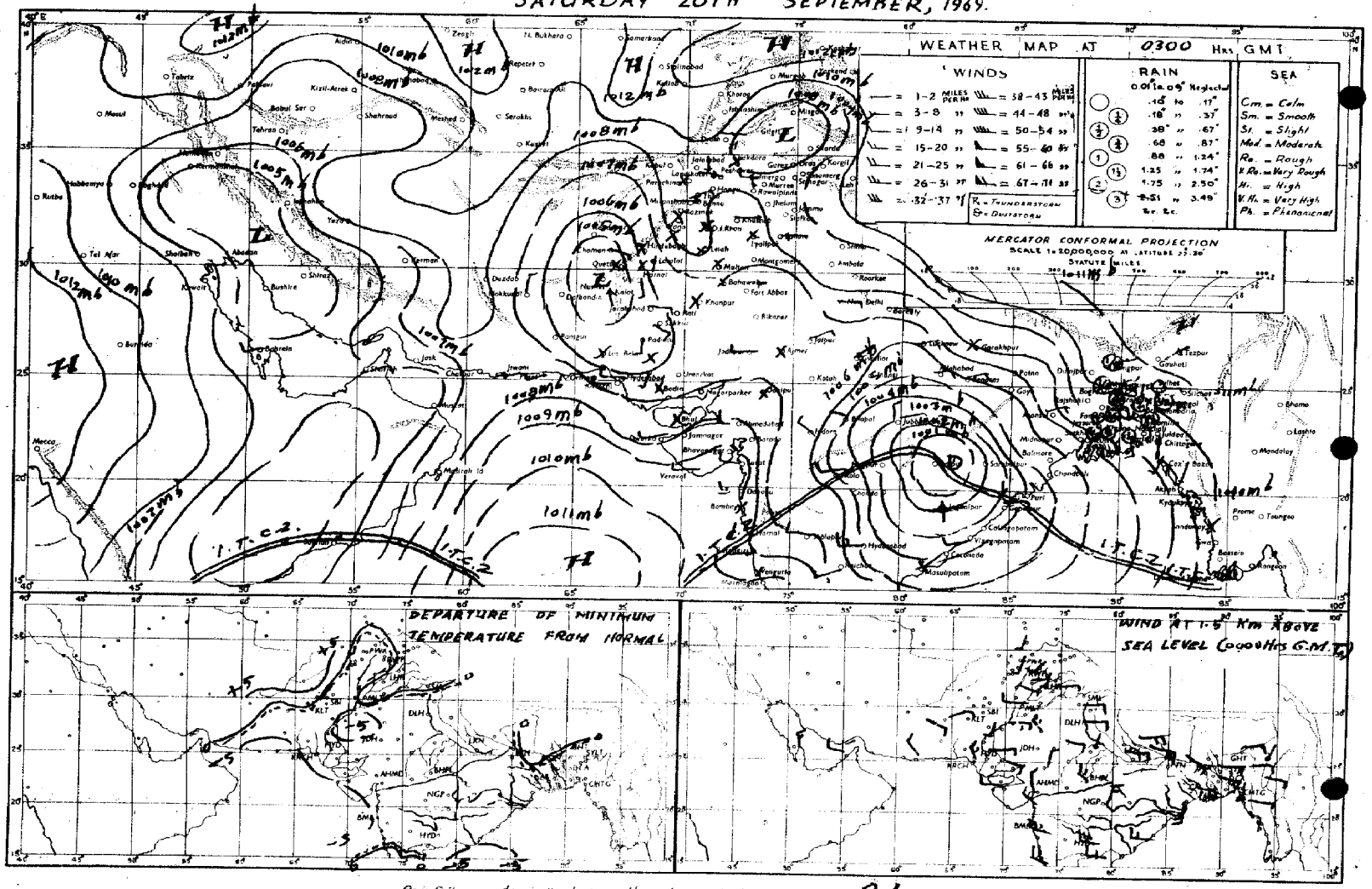
FRIDAY 19TH SEPTEMBER, 1969



Rainfall amounts indicated in the above chart refer to past 12½ hours.

PAKISTAN DAILY WEATHER MAP

SATURDAY 20TH SEPTEMBER, 1969.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 21st SEPTEMBER 1969.

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

Yesterday's morning depression moved northwestwards and was centred at 20,1200 G.M.T. about 50 miles northeast of Nagpur. Obseravations are lacking but belive last evening's depression remained practically stationary and is centred at 21,300 G.M.T. about 50 miles northeast of Nagpur. It is likely to move in the same direction and weaken. Monsoon actively has been weak over east Pakistan. Rain/thundershowers have been scattered in Dacca, Chittagong and Khulna divisions. Seasonal trough of low pressure lies over Quetta division and neighbourhood. Weather has been dry over west Pakistan.

Chief amounts of rainfall are: Chittagong ½" and Barisal 1/4".

Day temperatures were nearly normal over the country.

Forecast valid until the evening of 22nd September 1969 :— Rain/thundershower is likely to be scattered over east Pakistan and Lahore division.

Karachi-11
The 21st September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	050	3	6	05	02	97	01	2	075	79	4	8	5	7	/	76	90
	Cox's Bazar ...	000	0	6	25	06	96	02	1	065	84	4	2	5	6	/	77	88
	Chittagong ...	000	0	6	23	03	96	02	2	070	84	3	4	4	3	/	75	90
	Maijdee Court ...	800	9	4	18	02	95	02	2	062	84	4	2	5	0	0	79	94
	Comilla ...	000	0	0	00	00	96	02	0	065	88	0	0	9	0	0	77	//
	Brahmanbaria ...	...	...	...	...	...	...	...	..	...	...	...	..	...	..	..	...	..
	Sylhet ...	000	0	6	00	00	96	02		059	82	/	/	/	/	/	75	87
	Srimangal ...	015	3	6	00	00	96	.2	6	073	83	3	5	6	2	/	79	90
Dacca	Mymensingh ...	000	0	6	00	00	97	02	1	064	86	6	4	4	0	0	79	88
	Narayanganj ...	000	0	4	23	02	96	03	2	060	82	3	3	6	3	1	75	90
	Dacca (Tejgaon) ...	000	0	4	00	00	97	02	0	061	84	2	8	5	3	1	75	88
	Faridpur ...	011	6	5	16	02	96	02	6	057	82	3	4	5	1	0	75	88
Khulna	Barisal ...	000	0	7	00	00	97	02	2	062	80	5	4	4	2	0	77	87
	Khulna ...	000	0	2	18	05	97	03	0	061	79	2	2	4	0	0	69	80
	Satkhira ...	000	0	6	10	01	97	01	0	998	80	2	3	5	0	1	80	82
	Jessore ...	000	0	6	13	06	97	02	2	055	82	1	4	4	4	8	75	86
Rajshahi	Pabna ...	000	0	4	00	00	97	01	1	061	84	2	2	6	0	3	75	88
	Sirajganj ...	000	0	6	18	01	97	02	2	065	84	6	6	6	0	0	79	88
	Rajshahi ...	000	0	6	09	03	95	03	6	064	80	6	5	5	/	/	77	86
	Bogra ...	000	0	6	00	00	96	02	2	066	80	4	4	4	0	2	75	88
	Dinajpur ...	094	7	8	00	00	95	66	6	075	75	8	0	7	7	/	75	84
	Rangpur ...	000	0	7	00	00	96	03	2	019	86	7	5	6	0	0	77	50
Kashmir	Jammu ...	000	0	1	00	00	96	01	0	046	90	1	2	6	8	0	70	94
Lahore	Lahore (Jail Rd.) ...																	
	Sialkot ...	000	0	1	23	02	97	02	0	041	94	1	1	7	0	0	70	95
Rawalpindi	Jhelum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...		..
	Islamabad ...	000	0	1	21	02	98	00	0	049	90	1	1	8	0	0	63	94
	Rawalpindi ...																	
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	0	00	00	97	00	0	046	96	0	0	9	0	0	80	99
	Sargodha ...	000	0	1	00	00	97	02	0	049	94	1	0	6	0	0	70	94
	Lyallpur ...	000	0	4	00	00	96	02	0	052	94	4	0	9	4	0	73	96
Multan	Sahiwal ...	000	0	0	00	00	97	01	0	040	96	0	0	9	0	0	67	99
	Multan ...	...	..	—	...	...	...	..	..	...	...	..	..	..	..	..	..	...
	Leiah ...	000	0	0	00	00	96	00	0	046	96	0	0	9	0	0	56	96
Bahawalpur	Khanpur ..	...	...	..	...	...	...	...	...	...	...	...	..	..	...	...	...	...
	Bahawalpur ...	...	...	..	...	...	...	...	...	...	...	...	..	..	...	...	...	...
	Fort Abbas ...	...	...	..	..	...	...	...	...	...	..	...	..	..	...	...	...	...
Peshawar	Chakdra ...	000	0	6	09	02	97	03	0	034	82	6	3	7	0	0	67	50
	Peshawar ...	000	0	2	36	03	97	03	0	045	90	1	9	6	3	1	63	92
	Haripur ...	000	0	0	23	03	98	00	0	039	90	0	0	9	0	0	70	94
D. I.-Khan	Bannu ...	000	0	0	18	02	99	00	0	039	90	0	0	9	0	0	59	94
	D. I. Khan ...	000	0	0	00	00	98	00	0	044	82	0	0	9	0	0	72	96
Quetta	Sibi ...	000	0	0	//	03	97	02	0	021	06	0	0	9	0	0	69	87
	Nokkundi ...	000	0	0	31	03	97	02	0	565	05	0	0	9	0	0	31	06
Kalat	Turbat ...	000	0	0	27	02	96	00	0	969	01	0	0	9	0	0	87	01
	Jiwani ...	000	0	0	18	09	96	01	0	055	83	0	0	9	0	0	73	86
	Pasni ...	000	0	0	25	10	97	02	0	068	84	0	0	0	0	0	72	86
Karachi division	Ormara ...	///	0	2	18	02	98	00	0	026	85	0	0	8	0	0	64	06
	Lasbela ...	000	0	0	25	05	96	02	0	057	81	0	0	9	0	0	74	83
	Karachi (Manora) ...	000	0	0	27	07	96	02	0	057	84	0	0	9	0	0	72	89
	Karachi (Ariport) ...																	
Hyderabad	Nagarparkar ...	000	0	0	23	20	97	02	0	595	//	0	6	0	0	0	94	96
	Chhor ...	000	0	0	23	05	96	02	0	019	07	0	0	9	0	0	61	99
	Hyderabad ...	000	0	0	23	05	97	02	0	045	97	0	0	9	0	0	63	99
	Badin ...	000	0	0	23	03	96	02	0	049	95	0	0	9	0	0	68	96
Khairpur	Padidan ...	000	0	0	23	05	97	02	0	041	00	0	0	9	0	0	49	03
	Nawabshah ...	800	0	0	18	07	96	02	0	045	59	0	0	9	0	0	59	01
	Sukkur ...	000	6	0	23	03	96	02	0	011	05	0	0	9	0	0	66	08
	Kashmore ...	003	0	0	23	02	//	02	0	010	99	0	0	9	0	0	48	01
	Jacobabad ...	C00	0	0	18	05	97	02	0	///	00	0	0	9	0	0	57	00
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	...	...	...	..	...	...	...	...	..	...	—	...	..	..	...	...	...
Peshawar	Drosh * ...	000	5	4	23	14	97	01	9	472	80	3	2	7	6	0	34	//
	Cherat * ...	000	0	0	36	05	98	00	0	479	82	0	0	9	0	0	56	86
	Kakul * ...	000	0	2	23	05	98	03	0	487	80	2	2	6	0	0	52	01
	Landikotal * ...	000	0	2	29	09	98	01	1	488	65	3	1	4	0	0	49	70
	Prachinar * ...	004	1	1	16	05	98	29	9	488	75	1	5	6	0	0	43	79
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	982	90	0	0	9	0	0	70	90
	Wana * ...	000	0	0	13	02	99	00	0	483	82	0	0	9	0	0	48	86
Quetta	Fort Sandeman * ...	000	0	0	23	02	58	02	0	454	89	0	0	9	0	0	14	91
	Hindubagh * ...	000	0	0	23	03	97	02	0	418	88	0	0	9	0	0	65	09
	Loralai * ...	000	0	0	18	02	98	00	0	308	90	0	0	9	0	0	65	92
	Barkhan * ...	000	0	0	23	02	98	02	0	438	92	0	0	9	0	0	23	94
	Harnai * ...	030	0	0	00	00	96	02	0	461	95	4	1	9	1	2	30	/
	Samungli (Quetta) * ...	000	0	0	27	03	96	02	0	470	81	0	0	9	0	0	26	91
	Chaman * ...	000	0	0	27	09	97	00	0	492	91	0	0	9	0	0	22	92
	Nushki * ...	000	0	0	27	04	97	02	0	516	99	0	0	9	0	0	66	01
	Dalbandin * ...	000	0	0	13	03	97	02	0	477	99	0	0	9	0	0	03	//
Kalat	Kalat * ...	000	0	0	31	02	96	02	0	///	//	0	0	9	0	0	51	84
	Khuzdar * ...	000	0	0	00	00	96	02	0	472	00	0	0	9	0	0	53	01
	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 clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (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, 1969 to-date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	050	0	5	13	02	58	03	/	111	86	3	4	6	3	2	77	79	—	—	87.1	—	92.6	—
	Cox's Bazar	000	0	4	00	00	97	02	/	099	86	2	4	4	3	0	77	77	+ 1	+ 1	67.6	−37.8	75.4	140
	Chittagong	000	0	7	05	02	96	02	4	102	84	3	5	5	3	0	79	79	+ 3	+ 3	45.2	−29.0	98.4	118
	Maijdee Court	000	9	4	00	00	96	02	2	101	84	2	5	5	4	0	77	77	+ 2	—	—	—	--	115
	Comilla	000	0	3	18	05	96	02	0	097	86	3	4	7	0	0	75	77	/	0	79.1	+18.8	98.3	94
	Brahmanbaria	000	0	0	00	00	97	03	1	102	84	4	4	5	0	0	77	80	—	—	39.5	− 6.0	49.2	78
	Sylhet	000	0	5	00	00	96	03	0	102	84	4	5	4	3	0	77	75	/	—	115.0	—	143.0	—
	Srimangal	015	9	4	36	04	96	02	9	101	82	0	0	9	7	2	73	75	— 1	0	58.3	+ 2.2	79.7	98
Dacca	Mymensingh	000	0	2	00	00	97	01	1	108	84	2	0	6	2	0	79	79	0	+ 2	56.7	− 3.0	71.8	91
	Narayanganj	000	0	7	23	02	97	02	2	101	50	6	6	5	3	1	77	83	+ 2	+ 1	40.3	− 6.7	65.7	74
	Dacca (Tejgaon)	000	0	3	18	02	97	01	0	096	86	2	2	5	4	1	77	79	—	—	45.0	—	56.1	—
	Faridpur	011	0	1	00	00	97	01	1	101	88	1	4	5	1	0	75	77	+ 1	— 1	37.2	− 7.4	50.8	71
Khulna	Barisal	020	9	6	00	00	97	02	2	099	86	3	8	5	2	0	77	80	— 1	+ 2	50.2	− 3.4	60.1	81
	Khulna	000	0	2	00	00	97	01	1	108	84	2	0	6	2	0	79	79	— 8	+ 2	40.6	+ 2.2	54.7	68
	Satkhira	0C0	6	4	00	00	97	02	0	096	84	5	3	6	1	0	79	79	— 7	+ 2	42.0	− 1.5	47.3	65
	Jessore	000	0	5	13	09	97	03	0	097	84	5	4	4	0	0	77	79	—	—	39.7	− 1.8	48.1	65
Rajshahi	Pabna	000	0	3	13	05	59	03	/	093	86	1	1	6	4	0	77	80	—	—	—	—	—	59
	Sirajganj	000	0	2	09	01	98	03	2	102	86	2	2	6	0	0	79	80	+ 1	+ 2	37.6	− 5.0	45.2	64
	Rajshahi	000	0	3	09	03	96	01	1	255	20	6	3	9	1	0	63	79	—	+ 1	—			—
	Bogra	000	0	6	05	02	96	02	2	103	84	4	4	4	2	/	79	79	0	+ 2	35.6	−11.4	46.6	69
	Dinajpur	112	3	6	00	00	96	02	2	063	80	9	0	9	4	/	76	76	— 4	— 1	61.0	+ 8.2	84.0	72
	Rangpur	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					84
Kashmir	Jammu	000	0	0	00	00	95	05	•	085	82	0	0	9	0	0	72	75	— 4	+ 5	13.4	− 1.0	17.8	19 32
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	97	02	0	085	83	0	0	9	0	0	72	73	—	—	—	—	—	—
	Sialkot	000	0	0	00	00	96	02	0	064	58	3	5	6	0	0	34	//	0	/				36
Rawalpindi	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Islamabad																							
	Rawalpindi																		0	— 2	3.8	− 6.1	7.2	15
	Campbellpur																		—	—	—		—	—
Sargodha	Khushab	000	0	0	00	00	97	00	0	078	80	0	0	9	0	0	77	72	— 2	+ 3	4.6	− 4.4	7.6	12
	Sargodha	000	0	0	00	00	96	04	0	084	79	0	0	9	0	0	73	73						10
	Lyallpur	000	0	0	00	00	96	00	0	078	82	0	0	9	0	0	73	75						
Multan	Sahiwal	000	0	0	00	00	97	02	0	083	82	0	0	9	0	0	70	75	0	0	8.0	+ 3.2	11.0	7
	Multan	C00	0	0	18	01	96	00	0	050	86	0	0	9	0	0	67	67		—	1.0		2.7	8
	Leiah	000	0	0	00	00	97	02	0	069	82	0	0	9	0	0	68	73	— 5	— 1	0.2	− 4.4	1.1	6
Bahawalpur	Khanpur	0L0	0	0	00	00	96	00	0	080	84	0	0	9	0	0	67	73		+ 1	0.7	− 3.5	2.0	6
	Bahawalpur																							8
	Fort Abbas																		—	—	7.2		16.6	—
Peshawar	Chakdra	C00	0	0	05	03	98	02	0	075	68	0	0	9	0	0	60	63	— 3	+ 1	4.6	− 0.5	13.4	11
	Peshawar	000	0	0	00	00	97	02	0	080	73	0	0	9	0	0	63	70	—	—	7.7		18.0	—
	Haripur	000	0	0	05	03	98	00	0	089	81	0	0	9	0	0	58	70			0.6	—	4.5	11
D. I.-Khan	Bannu	000	0	0	02	01	99	00	0	087	75	0	0	9	0	0	67	72	— 4	+ 2	3.5	− 1.8	6.0	9
	D. I. Khan	000	0	0	00	00	98	00	0	082	80	0	0	9	0	0	70	75	—	—	0.2	—	0.2	5
Quetta	Sibi	000	0	0	00	00	97	02	0	078	77	0	0	9	0	0	62	75	—	—	0.0		0.3	2
	Nokkundi	000	0	0	05	01	97	02	0	C66	79	0	0	9	0	0	31	68	—	—	0.2	—	0.2	—
Kalat	Turbat	000	0	0	22	02	96	00	0	559	77	0	0	9	0	0	68	70	—		0.8	—	2.0	5
	Jiwani	000	0	5	C0	00	96	03	1	094	77	0	0	5	0	0	71	75	— 3					6
	Pasni	—	...	—	...	...	...	...	...	...	...	...	—	...	...	...	...	...			0.7	—	0.7	6
Karachi division	Ormara	///	0	0	00	00	98	C0	0	091	74	0	0	8	0	0	68	64	— 2	— 1	1.0	− 5.0	1.1	8
	Lasbela	000	0	0	27	05	96	02	0	083	76	0	0	9	2	0	71	75	—	—	1.5	—	1.5	8
	Karachi (Manora)	000	0	0	27	07	96	02	0	084	77	0	6	5	0	0	73	75	—	—	—	—	—	—
	Karachi (Ariport)																							—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	803	76	0	6	6	0	0	77	74	—	/				7
	Chhor	000	0	0	23	05	96	02	0	064	76	0	0	9	0	0	71	71	+ 2	/	0.2	− 5.7	0.3	9
	Hyderabad	800	0	0	00	00	97	02	0	073	79	0	8	9	0	0	69	//	— 1	+ 2	0.3	− 6.8	0.3	—
	Badin	000	0	0	23	01	96	02	0	077	75	0	0	9	0	0	70	74	—	—	0.8	—	0.8	4
Khairpur	Padidan	000	0	0	05	03	97	02	0	074	79	0	0	9	0	0	63	69	—	—	1.1	—	1.1	—
	Nawabshah	C00	0	0	13	02	96	02	0	073	78	0	0	9	0	0	69	69	—	/	0.1	—	0.1	4
	Sukkur	000	3	0	13	03	95	05	4	066	86	0	/	9	0	0	64	//	—					20
	Kashmore	...	...		...	...	...	...		...		...	...	...		...	...	...						
	Jacobabad	080	0	0	09	03	96	02	0	C67	84	0	0	9	0	0	66	76	— 3	+ 1	0.5	− 1.7	0.8	26
Junagadh	Veraval																							—
	HILL STATIONS																							
Kashmir	Srinagar																							71
	Gulmarg																							26
	Sonamarg																							3
	Dras																							6
	Leh																							—
	Skardu																							—
	Misgar																							5
	Aliabad																							59
	Gilgit	000	0	0	27	05	98	00	1	507	63	0	0	9	0	0	42	56		— 2	15.7	−18.7	33.4	18
Rawalpindi	Murree	000	0	0	00	00	98	02	0	513	60	0	0	9	0	0	37	42		—	3.1	—	14.3	29
Peshawar	Drosh	...	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...	...	+ 2					—
	Cherat	000	0	0	27	02	98	02	0	009	73	0	0	9	0	0	54	65	/	—	16.0	—	26.7	—
	Kakul	000	0	0	36	02	98	02	0	367	75	0	0	9	0	0	73	63	—	—	2.2	—	12.6	29
	Landikotal	000	0	0	00	00	98	02	0	512	67	0	0	9	0	0	48	59	— 1	+ 3	6.3	—	17.0	13
	Prachinar																		—	—	0.5	− 4.0	2.0	11
D.I. Khan	Miranshah	000	0	0	05	05	99	00	0	496	79	0	0	9	0	0	60	72	—	—	—	—	—	11
	Wana	000	0	0	00	00	99	00	0	504	70	0	0	9	0	0	48	70	0	+ 2	2.2	− 2.8	6.5	—
Quetta	Fort Sandeman	000	0	0	05	02	97	02	0	428	67	0	0	9	0	0	49	65	—	—	2.7	—	6.0	9
	Hindubagh	000	0	0	72	03	97	02	0	465	60	0	0	9	0	0	14	45	—	—	0.6	—	0.6	—
	Loralai	000	0	0	18	02	98	00	0	526	65	0	0	9	0	0	65	57	—	—	—	—	—	14
	Barkhan	000	0	0	31	05	98	00	0	444	72	0	0	9	0	0	37	67	/	/	4.0	− 3.4	5.6	9
	Harnai	000	0	0	00	00	96	02	0	456	77	/	/	/	/	/	47	//	—	— 14	—	—	—	8
	Samungli (Quetta)	000	0	0	00	00	96	02	0	514	63	0	0	9	0	0	35	47	—	+ 6	2.1	+ 2.0	4.8	—
	Chaman	0C0	0	0	13	03	97	00	0	473	76	0	0	9	0	0	49	67	—	—	—	—	—	4
	Nushki	000	0	0	00	00	97	02	0	516	76	0	0	9	0	0	38	71	/	+ 4	0.0	− 0.2	8.5	7
	Dalbandin	000	0	0	00	00	97	02	0	484	75	0	0	9	0	0	31	62	—	+ 3	0.8	− 0.3	2.2	—
Kalat	Kalat	000	0	0	13	02	97	02	0	502	59	0	0	9	0	0	45	49						5
	Khuzdar	...	...	..	...	...	...	..	...	...	...	...	...	...	...	—	...	...	+ 7					—
	Panjgur																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T, is rainfall since 0300 hrs, G.M.T. of the previous day and RRR, at 1200 hrs, is rainfall since 0000 hrs. G.M.T. of the same day.
When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 21st SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_Lh_hC_MC_N$	D_sV_sa PP	7RR t_gt_g	8$N_sCh_sh_s$	OT$_x$T$_x$T$_d$T$_d$	1T$_w$T$_w$T$_{ww}$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														
Mcenak	99 1 40	10 6 05	/////	03 5 23	90 0 20	07 4 29	//// //	13 4 00				12 9 09		

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
		PoPoPo ToToTo DoDo	hhh TTT, DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	005 260 92	...	460 186 22	142 100 56	587 041 50	759 153 57	971 303 60	246 521 //	...	...	...	...	...
Dacca	00 00	007 274 20	...	440 174 60	123 100 63	585 055 57	757 156 60	969 303 68	245 533 //	...	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	045 250 15	...	500 145 55	120 074 //	581 151 //	745 281 //	945 425 //	212 521 //	...	...	...	...	...
Multan	00 00	992 260 56	...	490 254 69	152 120 79	587 010 //	754 257 //	956 365 //		...	...	...	...	...
Peshawar	00 00	967 220 48	...	480 230 50	// 3 098 48	581 095 //	750 185 //	958 319 //	237 421 //	...	...	...	...	...
Quetta	00 00	280 166 41	...	...	130 138 59	585 071 //	754 221 //	955 449 //		...	...	...	...	...
Sargodha	00 00	993 260 56	...	450 244 85	094 100 60	579 091 //	759 175 //	959 725 //	233 405 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T, DD									Max. Wind Speed	TROPOPAUSE
											PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_{ss}$ dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28 29
Chittagong	00 00	900 110 22	800 148 50	600 030 40	350 223 61	...	...	...	...	...	...	... ...
Dacca	00 00	900 204 59	800 144 30	600 022 58	350 217 61	...	...	...	...	...	...	... ...
Gilgit												
Jiwani												
Karachi	00 00	...	...	...	...	...	...	...	...	...	...	... ...
Multan	00 00	...	...	...	...	...	...	...	...	...	...	... ...
Peshawar	00 00	...	...	...	...	...	...	...	...	...	...	... ...
Quetta	00 00	...	...	...	...	...	...	...	...	...	...	... ...
Sargodha	00 00	...	...	...	...	...	...	...	...	...	...	... ...

PPP—Pressure in hundreds tens and units of millibars.
DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.
TT—Dry B ulb temperatures in °C
T_s—Approximate tenth value in (O °C) even values indicate positive and odd values indicate negative temperatures.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T.† of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	175 04	175 05	170 05		165 05					145 06	145 07	140 07	...	140 05		125 04	115 04	115 01	...	115 03	...	...	...	...	...	...
Chaklala		320 07	310 11	285 09	280 10	345 05	305 12	310 18	...	...	090 06	170 08	280 03	285 07	310 09	...	150 05	215 02	310 04	310 08	315 07	320 09	340 11	...	...	...
Chhor	235 06	210 06	145 06	065 08	060 14	065 20	010 //	315 10	...	290 20	300 12	355 14	055 14	045 27	040 49	005 08	360 14	360 11	025 08	030 15	045 17	050 23	...	...	...	...
Chittagong	235 02	195 07	185 07	180 08	160 09	155 13	165 14	155 12	145 12	...	...	...	...	...	...	3.0 08	033 60	340 06	360 06	010 06	...	...	...	...	...	...
Cox's Bazar	210 06	215 07	215 09	205 06	200 06	185 08	165 08	165 10	160 13	150 04	150 03	185 07	180 06	215 02	280 04	280 14	330 07	020 05	035 09	035 11	075 86	090 10	085 10	090 09	...	...
Dacca	190 08	190 07	180 09	145 11	150 13	155 03				...	...	...	...	...	...	110 01	125 02	150 02	170 04	165 04	160 06	...	...	...	...	...
Dalbandin	...	...	195 01	115 04	085 04	345 00	/// //	/// //	310 20	...	...	065 08	035 11	070 08	125 03				210 04	345 05	245 04	165 08	155 23	150 24	145 19	...
D. I. Khan	065 07	125 06	160 08	150 13	145 08	305 09	295 10	300 09	325 15	151 13	185 09	/// //	270 07	070 01	140 03	185 10	185 10	185 09	190 08	130 09	165 05	315 06	365 04	320 06	...	...
Drosh	..	...	...	350 02	035 02	300 03	225 05	170 05	130 05	...	...	...	090 04	280 04	300 03	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	190 02	240 01	310 16	295 10		313 01	...	...	...	055 07	035 05	325 11				340 03	030 05	325 08	320 12	310 04	280 05	...	...
Jacobabad	185 13	180 02	180 12	190 18	225 07	315 07	305 04	340 11	355 08	095 15	125 06	180 06	220 07	220 04	340 77	100 16	115 22	120 16	120 08	210 09	255 13	355 20	005 21	020 16	...	...
Jeacore	145 09	160 13	165 17	165 20	180 16	195 16	...	...	...	160 14	160 13	/// //	160 17	170 10	170 87											
Jhalum	240 05	240 05	280 04	300 97	320 16	330 16	340 12	350 13	360 17	145 05	200 01	260 06	315 10	300 07	310 10	180 01	225 04	265 07	305 13	315 20	315 20	335 15	335 13	340 14	...	...
Jiwani	190 09	250 10	275 10	020 07	060 03	075 18	080 18	035 13	020 15	215 06	241 06	...	...	...	...	230 04	280 02	200 02	185 02	015 07	040 10	055 21	045 09	005 11	...	...
Karachi	230 09	265 11	085 18	105 23	100 23	085 42	...	...	...	...	...	...	...	...	...	905 11	330 09	320 11	/// //	/// //	/// //	055 22	035 12	020 17	...	...
Khanpur	165 08	170 06	065 07	296 16	255 08	295 16	305 23	285 11	320 15	030 06	030 03	025 03	015 06	035 10	340 13	090 08	095 08	070 09	070 15	035 21	020 20	350 25	345 23	355 06	...	...
Lahore	060 04	035 02	030 03	355 04	350 04	010 05	010 12			200 02	180 02	350 01	360 07	060 10	050 07	145 10	310 04	360 03	180 51	015 05	010 07	030 10	320 04	315 09	...	...
Multan	075 15	080 12	080 09	075 07	079 07	010 12	335 14	350 10	335 15	140 15	110 09	090 06	360 07	355 04	340 10	315 03	170 08	125 08	125 17	105 26	085 27	355 13	340 18	330 23	...	...
Nawab Shah	190 10	195 08	090 07	090 10	068 //	055 11	015 14	010 15	025 //	265 06	265 06	215 03	075 07	070 08	005 20	...	030 03	040 03	220 01	345 07	050 16	050 07	015 14	005 30	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	045 07	105 12	080 06	120 04	340 03	015 17	350 27	335 23	...	005 09	360 06	300 05	257 06	260 08	...	070 04	330 05	315 03	310 05	290 10	275 08	320 12	280 19	...	...
Quetta	...				340 05	305 10	245 04	275 11	280 13																	
Sargodha	035 01	165 03	105 01	340 04	025 03	005 13	345 15	335 19	315 24	220 01	220 04	280 07	340 02	055 05	355 06	270 03	275 04	290 01	345 04	360 03	360 07	350 12	320 12	310 11	...	...
Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	165 11	130 07	120 05		135 07		115 04		205 06									
Karachi	265 17	265 16	255 15	245 15	120 10	110 07	110 12	160 13	145 19	...	...	...	...	...	...	...	...	...
Peshawar																		
Quetta																		

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

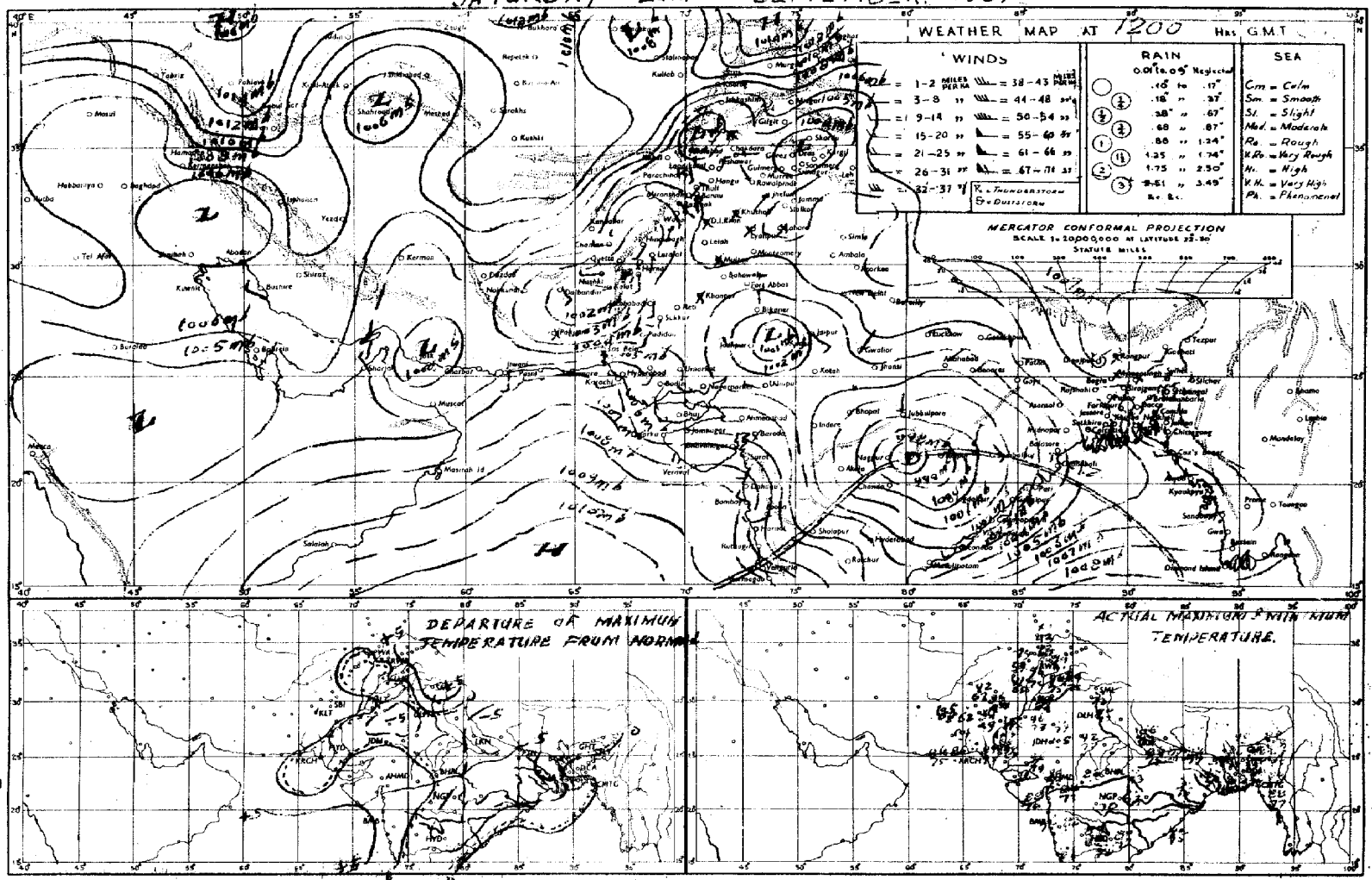
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
ff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

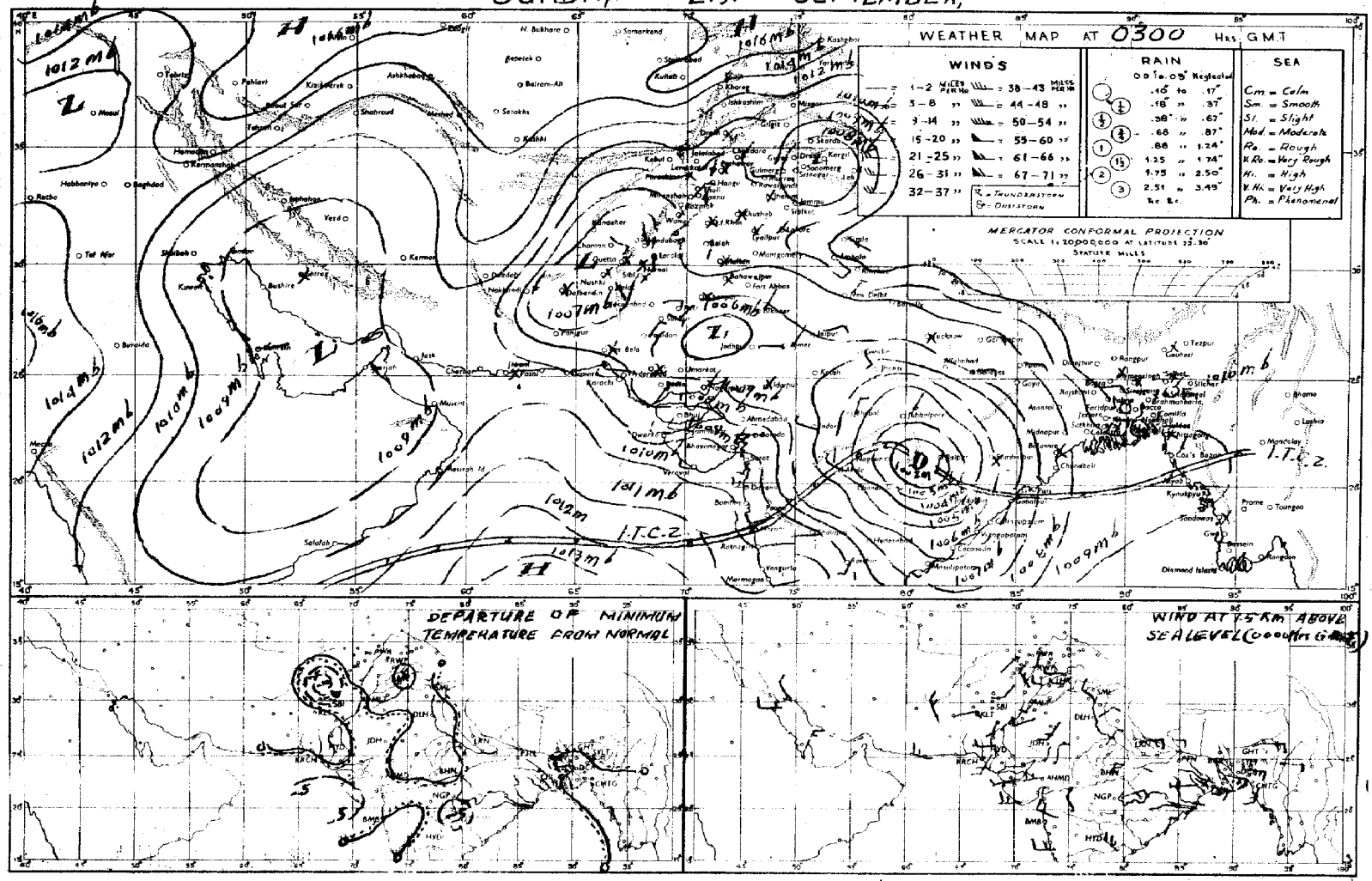
SATURDAY 20th SEPTEMBER 1969



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 21st SEPTEMBER,



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

Reg. No. S-1467
Volume No. 23

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 22nd SEPTEMBER 1969.

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

Yesterday's morning depression moved northwestwards and was centred at 21,1200 G.M.T. about 50 miles north of Nagpur. There after it moved northwards and was centred at 22,0300 G.M.T. about 80 miles southeast of Jhansi. It is likely to move in the same direction and weaken. Monsoon continues to be weak over east Pakistan. Rain/thundershowers have been scattered over Chittagong and Rajshahi divisions. A few falls of light rain/drizzle have been reported from Khulna division. Rangamati and Bogra recorded 1" and ¼" of rainfall respectively. The seasonal low pressure area lies over central divisions of west Pakistan. A few thunderstorms occurred in Peshawar division. Weather remained dry elsewhere over west Pakistan.

Day temperatures were 3—8 °F (2—4 °C) above normal in east Pakistan, Bahawalpur, Quetta, Kalat and Hyderabad divisions and 3—4 °F (2 °C) below normal in Lahore, D. I. Khan and Karachi divisions.

Forecast valid until the evening of 23rd September 1969 :—Thunderstorm/showers will be scattered over east Pakistan. Weather is likely to remain dry over West Pakistan.

Karachi-11
The 22nd September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	0	3	23	02	97	01	0	058	87	2	8	6	1	0	77	91
	Cox's Bazar ...	000	0	2	29	12	97	02	1	055	65	1	5	5	3	1	76	90
	Chittagong ...	000	0	5	27	05	56	03	2	055	85	1	1	5	3	1	73	90
	Maijdee Court ...	000	9	2	29	02	96	01	1	051	87	2	1	5	0	0	77	91
	Comilla ...	000	0	0	00	00	96	02	0	051	90	0	0	9	0	0	86	91
	Brahmanbaria ...	000	0	2	00	00	96	01	1	056	87	2	0	9	2	0	78	91
	Sylhet ...	000	0	4	00	00	96	02	2	049	86	4	4	5	0	1	76	90
	Srimangal ...	000	0	5	00	00	96	02	0	056	86	3	8	5	7	2	78	91
Dacca	Mymensingh ...	000	0	0	00	01	//	00	0	071	95	0	0	9	0	0	78	87
	Narayanganj ...	000	0	1	27	02	95	01	1	057	87	1	6	6	0	0	73	87
	Dacca (Tezgaon) ...	000	0	2	00	00	97	01	2	055	86	2	0	9	6	0	73	90
	Faridpur ...	000	0	2	00	00	96	01	1	053	86	2	4	6	0	0	77	91
Khulna	Barisal ...	000	0	4	00	00	97	03	2	054	87	3	8	5	0	1	78	91
	Khulna ...	000	0	4	00	00	97	03	0	053	88	2	2	5	0	0	85	//
	Satkhira ...	000	1	4	00	00	91	03	5	063	82	3	5	9	1	0	78	91
	Jessore ...	000	0	4	00	00	97	02	1	057	82	1	4	4	0	8	76	90
Rajshahi	Pabna ...	000	0	2	00	00	97	01	1	053	87	0	0	9	0	3	76	93
	Sirajganj ...	000	0	2	00	00	97	02	2	062	87	2	2	6	0	0	76	91
	Rajshahi ...	000	0	7	00	00	95	03	1	060	82	6	5	5	2	1	76	91
	Bogra ...	057	1	7	00	00	96	02	6	058	82	4	8	4	2	0	80	91
	Dinajpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rangpur ...	000	0	3	00	00	96	01	1	021	87	2	2	6	1	0	77	91
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	36	02	96	02	0	035	94	0	0	9	8	0	67	94
	Sialkot ...																	
Rawalpindi	Jhelum ...	000	0	0	31	02	97	02	0	027	96	0	0	9	0	0	67	00
	Islamabad ...																	
	Rawalpindi ...	000	0	2	31	02	97	00	0	031	90	0	0	9	4	0	64	93
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	0	00	00	96	02	0	046	96	0	0	9	0	0	80	98
	Sargodha ...	000	0	0	25	03	97	02	0	035	96	0	0	9	0	0	67	99
	Lyallpur ...	000	0	4	00	00	96	02	0	042	93	4	0	9	4	0	70	96
Multan	Sahiwal ...																	
	Multan ...	000	0	0	00	00	97	02	0	039	96	0	0	9	0	0	61	96
	Leiah ...	000	0	0	23	03	94	00	0	048	91	0	0	9	0	0	70	91
Bahawalpur	Khanpur ...																	
	Bahawalpur ...	000	0	0	00	00	96	00	0	035	98	0	0	9	0	0	68	02
	Fort Abbas ...	///	/	0	00	00	99	00	0	037	72	0	0	9	0	0	64	//
Peshawar	Chakdra ...	000	0	0	27	03	98	04	0	007	90	0	0	9	0	0	63	92
	Peshawar ...	000	0	3	09	92	97	03	0	033	80	1	3	6	0	1	67	94
	Haripur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Bannu ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. I. Khan ...	000	0	0	00	00	98	00	0	034	78	0	0	9	0	0	70	96
Quetta	Sibi ...	000	0	0	23	03	97	02	0	025	04	0	0	9	0	0	61	85
	Nokkundi ...	000	0	0	31	03	97	02	0	996	03	0	0	9	0	0	38	04
Kalat	Turbat ...	000	0	0	23	02	96	00	0	929	02	0	0	9	0	0	83	02
	Jiwani ...	000	0	0	18	07	96	02	0	073	83	0	0	9	0	0	71	86
	Pasni ...	000	0	0	25	14	97	02	0	068	96	0	0	9	0	0	72	90
Karachi division	Ormara ...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lasbela ...	///	0	2	18	02	98	00	0	029	84	0	0	8	0	0	61	07
	Karachi (Manora) ...	000	0	0	27	09	97	02	0	055	80	0	0	9	0	0	73	82
	Karachi (Ariport) ...	000	0	0	27	10	96	02	0	052	82	0	0	9	0	0	75	92
Hyderabad	Nagarparkar ...	000	0	0	05	02	97	01	0	080	30	0	6	6	0	0	03	04
	Chhor ...	000	0	0	00	00	96	03	0	023	05	1	1	7	0	0	64	77
	Hyderabad ...	000	0	0	23	03	97	02	0	036	05	0	0	9	0	0	63	07
	Badin ...	000	0	0	23	02	96	02	0	047	00	0	0	9	0	0	65	01
Khairpur	Padidan ...	000	0	0	27	02	97	02	0	032	03	0	0	9	0	0	50	07
	Nawabshah ...	000	0	0	13	02	96	02	0	037	04	0	0	9	0	0	55	05
	Sukkur ...	000	0	0	23	02	96	02	0	024	03	0	0	9	0	0	63	05
	Kashmore ...	000	0	0	05	02	98	02	0	032	98	0	0	9	0	0	66	00
	Jacobabad ...	000	0	0	09	07	97	02	0	029	90	0	0	9	0	0	07	01
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	0	31	05	98	00	0	487	64	0	0	9	0	0	51	72
Peshawar	Drosh * ...	000	0	4	23	09	97	01	1	460	86	2	1	7	3	0	51	93
	Cherat * ...	000	0	0	00	00	98	00	0	480	82	0	0	9	0	0	63	85
	Kakul * ...	000	0	0	36	02	98	02	0	499	82	0	0	9	0	0	64	86
	Landikotal * ...	000	0	0	31	05	98	02	0	271	73	0	0	9	0	0	70	73
	Prachinar * ...	000	3	6	05	05	98	17	9	478	76	5	0	6	3	0	49	//
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	482	87	0	0	9	0	0	67	93
	Wana * ...	000	0	6	31	05	98	02	0	482	85	4	3	8	0	0	56	87
Quetta	Fort Sandeman * ...	000	0	1	36	02	98	01	0	463	88	1	1	9	0	0	23	90
	Hindubagh * ...	000	0	0	20	03	97	02	0	420	84	0	0	9	0	0	69	85
	Loralai * ...	000	0	0	27	02	98	00	0	398	85	0	0	9	0	0	55	87
	Barkhan * ...	000	0	0	23	02	98	02	0	747	91	0	0	9	0	0	36	95
	Harnai * ...	000	0	0	00	00	96	02	0	452	92	0	0	0	0	0	51	94
	Samungli (Quetta) * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chaman * ...	000	0	0	27	09	97	00	0	472	91	0	0	9	0	0	22	92
	Nushki * ...	000	0	0	31	03	97	02	0	504	97	0	0	9	0	0	64	98
	Dalbandin * ...	000	0	0	31	07	97	02	0	493	99	0	0	9	0	0	12	01
Kalat	Kalat * ...	000	0	0	31	02	97	02	0	446	80	0	0	9	0	0	55	85
	Khuzdar * ...	000	0	1	27	02	97	01	0	467	93	1	1	8	0	0	45	93
	Panjgur * ...	000	0	0	27	03	96	02	0	480	95	0	0	9	0	0	62	96

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 clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Chittagong	Rangamati	095	9	5	18	05	97	01	9	095	84	3	4	6	7	/	77	77	—	—	88.1	—	93.5	—
	Cox's Bazar	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...	—	+ 3					140
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					108
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					115
	Comilla	000	0	0	18	05	96	02	0	086	86	0	0	9	0	0	79	79	+ 3	+ 2	79.1	+18.8	98.3	94
	Brahmanbaria	000	0	4	36	02	97	03	1	089	87	4	4	5	0	0	79	81	—	—	39.5	— 6.4	49.2	78
	Sylhet	000	0	4	00	00	96	03	1	086	86	/	/	/	7	0	79	77	—	—	115.0	—	143.0	—
	Srimangal	000	0	7	00	00	96	02	0	089	86	4	8	5	7	2	80	76	0	+ 1	58.3	+ 1.9	79.7	98
Dacca	Mymensingh	000	0	0	00	00	97	00	0	095	86	0	0	9	0	0	79	79	0	+ 2	56.7	— 3.5	71.8	91
	Narayanganj	000	0	7	13	02	97	01	1	059	84	3	6	6	/	/	79	81	— 2	+ 2	40.3	— 6.1	65.7	74
	Dacca (Tezgaon)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Faridpur	000	0	3	00	00	97	01	1	087	86	3	4	5	0	0	77	79	+ 4	+ 1	37.2	— 6.6	50.8	71
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					81
	Khulna	000	0	2	00	00	97	03	1	093	86	0	2	4	0	0	82	79	— /	+ 2	48.6	+ 2.0	54.7	68
	Satkhira	090	0	5	00	00	97	02	4	093	86	5	5	9	1	1	73	77	+ 2	0	42.0	— 1.8	47.3	65
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					65
Rajshahi	Pabna	000	0	0	00	00	99	02	0	086	86	0	0	9	0	0	77	81	—	—	37.7	—	51.4	59
	Sirajganj	000	0	0	00	00	98	00	0	088	86	0	0	9	0	0	77	79	+ 4	+ 1	33.6	— 4.2	45.2	64
	Rajshahi	000	0	1	18	02	97	01	1	090	84	1	5	5	0	0	79	79	+ 3	+ 1	—	—	—	—
	Bogra	057	0	1	00	00	96	03	0	087	84	1	5	6	0	0	79	77	— 3	0	36.2	—11.2	47.2	69
	Dinajpur	000	0	0	18	02	96	00	0	085	87	0	0	9	0	0	79	73		+ 2	61.0	— 9.0	84.0	72
	Rangpur	000	0	1	09	02	96	01	0	053	87	1	0	9	1	0	79	79	—	—	55.8	— 2.5	74.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	18	03	96	02	0	072	82	0	0	9	0	0	73	77	— 4	+ 7	13.4	— 1.0	17.8	19
	Sialkot																							32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	069	81	0	0	9	0	0	73	73	—	—	22.0	—	30.3	—
	Islamabad																							—
	Rawalpindi	000	0	0	00	00	98	00	0	075	73	0	0	9	0	0	62	69	0	+ 2	18.5	— 4.5	28.6	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	00	97	00	0	068	84	0	0	9	0	0	75	73	— 1	— 1	3.8	— 6.0	7.2	15
	Sargodha	000	0	0	00	00	97	02	0	064	81	0	0	9	0	0	73	75	—	—	16.5	—	20.1	—
	Lyallpur	000	0	0	29	02	97	00	0	056	82	0	0	9	0	0	73	77	— 2	+ 5	4.6	— 4.4	7.6	12
Multan	Sahiwal																							10
	Multan	000	0	0	13	02	97	02	0	062	84	0	0	9	0	0	68	75	— 2	0	8.0	+ 3.2	11.0	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Bahawalpur	Khanpur																							6
	Bahawalpur	000	0	0	00	00	96	00	0	026	87	0	0	9	0	0	40	75	+ 3	+ 3	0.7	— 3.5	2.0	6
	Fort Abbas	///	/	0	23	02	98	03	0	066	81	0	0	9	0	0	73	77	/	—	0.7	—	0.8	8
Peshawar	Chakdra	000	0	0	05	03	98	02	0	066	69	0	0	9	0	0	59	//	—	/	7.3	—	16.6	—
	Peshawar	000	0	0	00	00	97	02	0	066	77	0	0	9	0	0	62	73	0	+ 4	4.7	+ 0.4	13.4	11
	Haripur	000	0	0	36	02	97	00	0	066	79	0	0	9	0	0	58	69	—	—	7.7	—	17.9	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	058	75	0	0	9	0	0	65	73		—	0.6	—	4.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	072	81	0	0	9	0	0	73	75	— 3	+ 2	3.5	+ 0.2	6.0	9
Quetta	Sibi	000	0	0	00	00	97	02	0	072	77	0	0	9	0	0	66	76	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	18	03	97	02	0	066	74	0	0	9	0	0	37	64	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	23	02	96	00	0	959	77	0	0	9	0	0	71	70	—	—	0.2	—	0.2	—
	Jiwani	003	0	3	23	02	96	02	0	091	77	3	6	5	0	0	73	74	—	—	0.0	—	2.0	5
	Pasni	000	0	0	25	06	97	02	0	068	73	0	0	8	0	0	68	54	0	— 14	0.2	—	0.2	6
Karachi division	Ormara	003	0	0	23	05	96	02	0	044	78	0	0	9	0	0	71	82	—	—	0.2	—	0.3	6
	Lasbela	///	0	0	00	00	98	00	0	087	73	0	0	8	0	0	68	64	—	—	0.7	—	0.7	8
	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3					8
	Karachi (Ariport)	000	0	0	29	14	98	02	0	078	78	4	6	5	0	0	73	78	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	917	90	0	6	0	0	0	79	74	—	—	0.1	—	0.1	—
	Chhor	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						7
	Hyderabad	000	0	0	25	03	97	02	0	059	81	0	8	9	0	0	67	77	+ 9	+ 2	0.2	— 5.7	0.3	9
	Badin	000	0	0	23	04	96	02	0	057	78	0	0	9	0	0	74	73	+ 6	— 2	0.3	— 6.8	0.3	—
Khairpur	Padidan	000	0	0	18	02	97	02	0	053	84	0	0	9	0	0	61	72	—	—	0.8	—	0.8	—
	Nawabshah	003	0	0	00	00	96	02	0	056	79	0	0	9	0	0	66	72	—	—	1.1	—	1.1	4
	Sukkur	000	0	0	13	03	95	05	4	053	86	0	0	9	0	0	69	77	—	—	0.1	—	0.1	—
	Kashmore	000	0	0	05	02	98	02	0	060	87	0	0	9	0	0	65	75	—	—	0.0	—	0.0	4
	Jacobabad	080	0	0	36	02	96	02	0	058	81	0	0	9	0	0	72	77	— 1	+ 2	0.5	— 1.8	0.8	20
Junagadh	Veraval																							26
	HILL STATIONS																							—
Kashmir	Srinagar																							71
	Gulmarg																							26
	Sonamarg																							
	Dras																							3
	Leh																							6
	Skardu																							—
	Misgar																							—
	Aliabad																							5
	Gilgit																							59
Rawalpindi	Murree	000	0	0	27	03	98	00	0	991	62	0	0	9	0	0	50	56	+ 2	— 2	15.7	—18.8	33.4	18
Peshawar	Drosh	000	0	0	00	03	98	02	0	503	62	0	0	9	0	0	40	60	/	—	3.1	—	14.2	29
	Cherat	000	0	0	36	03	98	00	0	466	73	0	0	9	0	0	56	//	+ 1	/	3.1	— 8.1	13.4	—
	Kakul	000	0	0	18	02	98	02	0	473	73	0	0	9	0	0	56	64	—	—	16.0	—	26.7	—
	Landikotal	000	0	0	36	02	98	02	0	367	75	0	0	9	0	0	73	67	—	—	2.2	—	12.6	29
	Prachinar	000	0	0	00	00	99	02	0	494	64	0	0	9	0	0	47	58	/	+ 2	6.3	—	17.0	13
D.I. Khan	Miranshah	003	0	0	05	05	99	00	0	400	75	0	0	9	0	0	75	73	—	—	0.5	— 4.0	2.0	11
	Wana	000	0	0	00	00	99	00	0	489	73	0	0	9	0	0	47	60	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman	000	0	0	00	00	97	02	0	478	70	0	0	9	0	0	48	63	— 2	0	2.2	—18.0	6.5	—
	Hindubagh	000	0	0	00	00	97	02	0	465	60	0	0	9	0	0	14	48	—	—	2.7	—	6.0	9
	Loralai	000	0	0	18	02	98	00	0	395	60	0	0	9	0	0	45	40	—	—	0.6	—	0.6	—
	Barkhan	000	0	0	31	05	98	02	0	467	73	0	0	9	0	0	53	68	—	—	1.0	—	1.0	14
	Harnai	000	0	0	00	00	96	02	0	459	79	0	0	9	0	0	49	//	—	—	4.0	— 3.4	5.6	9
	Samungli (Quetta)	000	0	0	00	00	96	02	0	501	59	0	0	9	0	0	26	45		—	0.5	— 0.5	3.1	8
	Chaman	000	0	0	13	03	97	00	0	495	72	0	0	9	0	0	35	66	— 3	+ 5	2.1	+ 2.0	4.8	—
	Nushki	000	0	0	00	00	97	02	0	537	78	0	0	9	0	0	41	70	—	—	0.5	—	2.6	4
	Dalbandin	000	0	0	00	00	97	02	0	470	67	0	0	9	0	0	23	63	+ 3	+ 5	0.0	— 0.2	8.5	7
Kalat	Kalat	000	0	0	16	02	97	02	0	492	60	0	0	9	0	0	45	//	+ 4	/	0.8	— 0.3	2.2	—
	Khuzdar	000	0	0	00	00	96	02	0	480	73	0	0	9	0	0	57	68	—	—	1.8	—	3.2	5
	Panjgur	000	0	0	00	00	96	02	0	493	71	0	0	9	0	0	56	67	+ 2	+ 9	0.0	—	8.2	—

† 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

MONDAY THE 22nd SEPTEMBER, 1969

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_aL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_at_a	8$N_sCh_sh_s$	OT$_1$T$_1$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														
Dwarka	99 2 48	10 6 24	21 1 23	11 8 12	98 0 30	06 5 27	11 4 00	23 4 00			00 2 03		30 3 01	18 5 03
Dwarka	99 2 49	10 6 09	21 1 23	01 7 11	99 0 20	06 5 27	00 9 00	23 8 03			00 2 23		30 3 01	17 6 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
		PoPoPo ToToTo DdDo	hhh TTTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	084 272 07	...	470 178 10	125 090 56	584 055 49	756 155 15	968 289 63	244 527 //	...	...	...	...	...
Dacca	00 00	087 270 25	...	450 184 59	138 110 59	587 041 56	761 141 61	974 285 61	253 501 //	...	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	087 265 27	...	400 120 48	940 030 //	560 111 //	727 201 //	824 261 //	212 481 //	...	...	...	...	...
Multan	00 00	991 250 56	...	450 150 59	072 026 //	563 291 //	716 571 //	898 635 //	...	...	...	...	...	...
Peshawar	00 00	965 214 43	...	400 214 57	108 124 57	582 061 //	753 185 //	...	...	...	...	...	...	...
Quetta	00 00	820 158 65	...	...	129 136 68	586 067 //	756 187 //	...	...	...	...	...	...	...
Sargodha	00 00	993 250 55	...	496 220 56	174 090 58	585 085 //	804 180 //	965 281 //	247 491 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT Ta DD								Max. Wind Speed	TROPOPAUSE	
										PmPmPm dmdm fmfmfm	PcTcPcTcTcTat	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	900 210 08	800 144 17	680 024 47	350 215 59	...	...	...	...	...	...	...	...
Dacca	00 00	900 220 58	800 170 58	600 034 59	350 199 62	...	...	...	...	...	...	...	...
Gilgit													
Jiwani													
Karachi	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds 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.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T.† of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date(dd fff)						At 0600 hrs. G.M.T. † of date (dd fff)										
	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	3.4	4.5	5.4	6.0	7.2	0.9
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	210 03	200 03	190 04	190 06	190 08	...	...	...	...	240 05	320 03	016 04	110 02	160 03	145 03	330 02	110 02	105 03	145 07	210 03	...	...	...	...	...	...
Chaklala	..	290 12	300 13	300 10	330 09	320 12	295 11	305 17	305 19	...	105 11	125 10	285 08	295 09	290 08	...	130 06	150 02	265 08	290 09	290 11	340 11	340 09	310 07	...	...
Chhor										305 13	310 15	320 17	340 20	344 23	...	195 04	115 04	335 03	290 07	010 08	045 13	340 14	335 12	295 09	...	...
Chittagong	270 12	295 12	310 12	346 06	020 04	080 06	050 08	065 09	055 10							310 11	330 19	025 19	010 18	010 21	...	...	...	...	...	...
Cox's Bazar	285 17	320 18	320 17	330 12	004 07	060 06	085 12	075 11	...	295 10	295 11	295 10	340 10	355 12	095 08	340 15	340 14	360 18	360 18	010 17	...	...	...	...	...	...
Dacca	240 04	270 04	275 04	275 04	280 02	150 03	170 07	190 09	190 11	...	...	...	...	...	...	295 02	320 04	330 04	...	...	...	...	...	...	...	...
Daibandin	...	...	285 06	275 07	295 08	360 14	335 18	305 27	325 27	...	...	245 01	350 09	360 13	330 17	...	...	325 04	050 05	040 39	025 13	355 39	345 29	335 20	...	...
D. I. Khan	185 04	180 03	175 09	145 11	145 03	310 03	295 13	300 17	330 19	130 07	140 11	145 12	150 13	170 11	235 06	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	215 15	205 5/	230 19	165 04	...	...	...	...	...	120 01	040 02	035 05	...	...	...	005 02	040 05	015 06	355 12	310 02	290 13	285 18	275 39
Fort Sandeman	...	...	...	290 07	350 07	265 04	285 05	345 08	340 09	...	...	...	009 01	315 09	330 15	...	...	...	305 01	080 04	335 06	310 23	315 23	310 17	...	...
Jacobabad	140 11	101 13	170 13	208 17	340 11	335 21	295 12	325 14	340 29	100 10	135 04	230 05	240 08	235 06	260 07	045 05	045 06	090 13	080 07	285 09	280 98	330 20	345 23	345 23	...	...
Jessore	200 00	175 07	180 09	190 06	180 08	165 21	140 12	120 07	135 09	240 07	260 03	190 01	130 04	145 58	165 07	100 03	085 02	075 02	140 05	150 07	155 09	200 15	200 16	205 17	...	...
Jheium	280 06	270 08	285 06	305 08	320 13	340 17	305 14	295 21	275 23	120 10	110 08	335 02	315 12	320 11	335 10	105 08	095 10	075 08	335 15	320 17	295 13	310 16	300 17	120 19	...	...
Jiwani	215 08	200 04	200 03	125 03	050 07	085 11	035 10	360 19	350 19	235 10	250 08	280 01	255 10	...	...	225 06	235 07	245 07	285 06	345 06	040 08	065 07	360 10	355 17	...	...
Karachi	275 15	260 07	255 04	210 03	190 04	045 06	/// //	065 29	055 17							285 75	285 17	290 17	290 22	290 18	265 05	005 08	020 11	...	...	...
Khanpur	170 03	170 03	135 02	045 05	330 09	265 12	250 23	265 21	280 15	080 12	045 13	025 13	355 13	315 09	320 13	170 17	175 19	185 17	190 18	210 06	291 09	013 11	035 15	025 15	...	...
Lahore	340 03	305 04	295 05	320 11	340 13	340 13	350 21	015 19	360 16	210 07	230 08	245 07	295 07	340 10	010 15	165 04	245 05	270 06	285 09	310 11	340 13	355 17	005 17	010 11	...	...
Multan	100 06	065 06	070 07	088 10	090 06	360 11	340 15	355 19	350 20	155 16	175 17	195 13	270 10	315 12	025 14	200 23	190 24	190 27	185 33	180 40	190 36	170 11	045 18	025 22	...	...
Nawab Shah	085 02	285 05	320 04	330 02	020 08	360 12	020 13	325 12	320 20	345 06	310 05	205 03	235 04	310 09	010 15	330 06	340 06	285 03	265 05	355 12	035 14	028 10	355 13	005 23	...	...
Panjgar	...	...	...	...	...	...	...	...	...	...	...	...	245 19	280 13	345 16	...	...	...	280 03	295 02	245 01	070 01	310 03	350 16	...	...
Peshawar	...	064 05	070 03	180 07	205 11	270 11	270 08	305 20	310 23	...	325 01	0 0 06	345 05	340 05	330 10	...	360 04	335 02	355 03	320 07	295 13	315 11	315 01	315 08	...	...
Quetta	...	...	...	...	270 02	275 05	325 06	235 08	...	...	...	...	...	...	...	...	...	...	...	330 52	255 04	275 07	280 11	295 13	...	...
Sargodha	190 05	220 05	235 05	350 09	360 15	335 10	320 14	310 14	295 13	250 01	250 03	250 04	270 08	050 06	340 09	245 06	260 07	260 07	240 03	260 52	245 12	008 15	270 06	280 10	...	...
Sylhet	380510	290 09	305 05	015 04	270 01	295 04	230 02	...	...	025 21	305 03	350 03	015 05	050 01	225 03	135 04	115 10	...	...	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	...																	
Dacca	265 01	335 03	335802	...	330 01	...	005 01	...	030 05	...	...	...	...	...	...	...	...	...
Karachi	275 23	275 28	275 26	275 19	315 14	345 14	015 19	015 20	115 22	...	...	...	...	...	...	...	...	...
Peshawar																		
Quetta																		

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

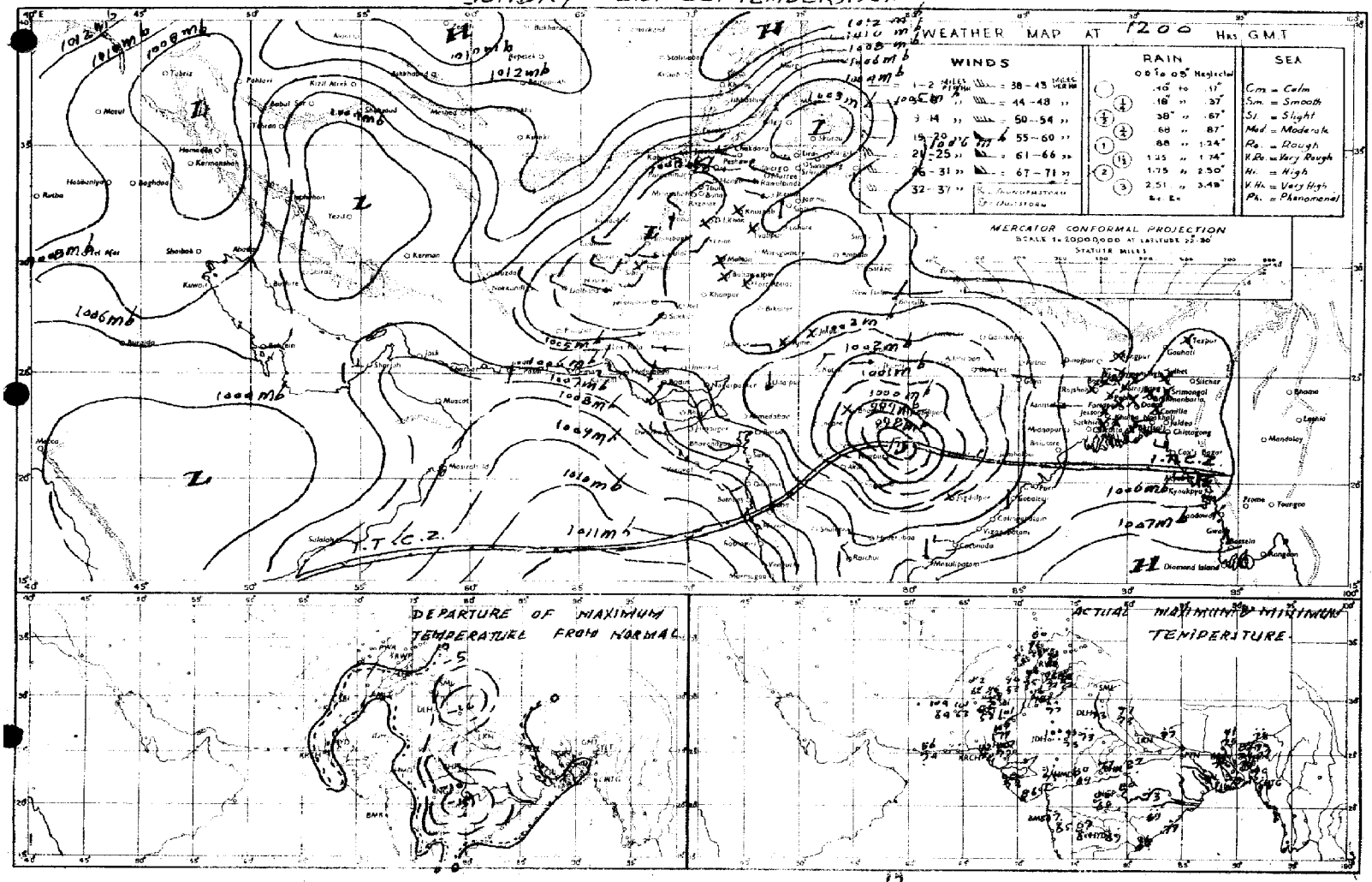
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

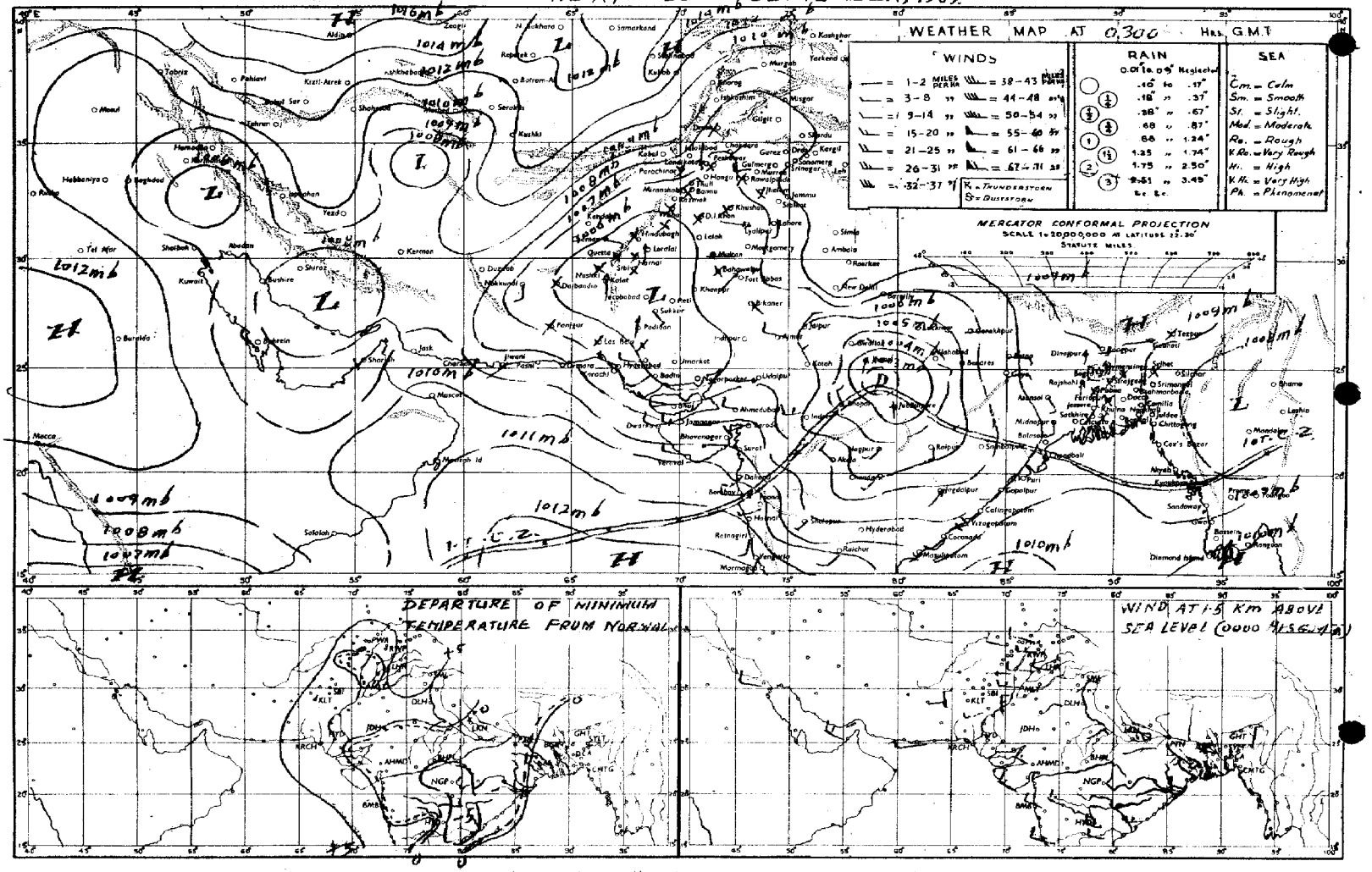
SUNDAY 21ST SEPTEMBER, 1969



Rainfall amounts indicated in the above chart are for 12 hours.

PAKISTAN DAILY WEATHER MAP

MONDAY 22ND, SEPTEMBER, 1969.



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

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

Reg. No. S-1467
Volume No. 23

TUESDAY THE 23rd SEPTEMBER 1969.

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

Observavations from coastal areas of Burma and East Pakistan meagre but believe a low pressure area over northeast Bay of Bengal rapidly intensified into a depression centred at 23,0300 G.M.T. within one degree of Lat. 20½° North and Long. 91° East. It is likely to intensify further and move in a northerly direction.

Local rain/thundershowers with isolated heavy to very heavy falls have occured in Chittagong division. Thunderstorms/light showers have been also reported from a few places in Khulna division.

Yesterday's depression southeast of Jhansi moved northwards and weakened into a well marked low pressure area extending at 22,1200 G.M.T. over Madhya Bharat and adjoining Uttar Pradesh. It moved further northwards and now lies over central Uttar Pradesh.

The seasonal trough of low pressure lies over the central divisions of west Pakistan. A few thunderstorms have occured in Peshawar division, otherwise dry weather prevented over west Pakistan.

Chief amounts of rainfall are ; Rangamati 4″ and Cox's Bazar and Chittagong 2″ each.

Day temperatures were 7—10 °F (4—6 °C) above normal in Hyderabad division and 3—6 °F (2—3 °C) so in East Pakistan and in Bahawalpur, Peshawar, Quetta and Kalat divisions and were 3—4 °F (2 °C) below normal in Lahore, D. I. Khan and Karachi divisions.

Forecast valid until the evening of 24th September 1969 :—Fairly widespread rain/thundershowers with squally winds are likely to occur in Chittagong, Khulna and Dacca divisions and local in Rajshahi division. Weather is likely to remain dry in West Pakistan.

Karachi-11
The 23rd September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	5	23	03	96	02	0	043	90	3	8	6	7	/	80	93
	Cox's Bazar	000	0	7	27	16	96	03	2	046	85	4	3	4	3	1	78	87
	Chittagong	000	0	7	29	09	96	02	2	040	86	4	3	4	3	2	83	90
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Comilla	000	0	0	00	00	96	02	0	042	90	0	0	9	0	0	77	91
	Brahmanbaria	000	0	5	00	00	96	03	1	042	87	0	0	9	0	3	77	91
	Sylhet	000	0	3	00	00	96	01	2	032	86	2	1	6	0	1	79	93
	Srimangal	000	0	3	00	00	96	/2	0	030	82	0	0	9	2	2	77	91
Dacca	Mymensingh	000	0	0	00	00	96	02	0	048	85	0	0	9	0	0	78	90
	Narayanganj	900	0	7	31	02	96	02	2	040	90	3	6	6	3	/	80	90
	Dacca (Tezgaon)	300	0	6	31	02	97	02	2	043	37	2	6	6	6	3	77	91
	Faridpur	000	0	5	29	02	97	01	1	054	90	2	4	6	0	1	//	93
Khulna	Barisal	000	0	6	00	00	97	02	0	046	87	4	4	4	0	1	79	91
	Khulna	000	0	2	00	00	97	03	0	058	90	2	2	4	0	0	70	91
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	000	0	4	00	00	97	02	2	048	90	1	1	6	0	8	77	93
Rajshahi	Pabna	000	0	0	00	00	98	02	1	040	90	0	0	9	0	0	76	93
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rajshahi	000	0	2	00	00	97	01	1	043	87	1	5	5	0	0	77	91
	Bogra	000	0	5	27	03	96	03	1	031	87	5	4	4	0	0	83	91
	Dinajpur	000	1	0	00	00	96	00	0	041	90	0	0	9	0	0	75	93
	Rangpur	000	0	2	00	00	96	01	1	025	87	1	2	6	1	0	78	93
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	01	0	019	95	1	1	3	0	0	67	95
	Sialkot																	
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	013	95	0	0	9	0	0	70	96
	Islamabad																	
	Rawalpindi	000	0	1	27	02	99	00	0	012	91	1	1	8	0	0	64	95
	Campbellpur																	
Sargodha	Khushab	000	0	0	27	11	97	00	0	017	98	0	0	9	0	0	80	100
	Sargodha	000	0	0	23	03	97	01	0	016	96	0	0	9	0	0	67	58
	Lyallpur	000	0	0	00	00	96	00	0	020	93	0	0	9	0	0	64	96
Multan	Sahiwal																	
	Multan	000	0	0	13	03	97	02	0	017	96	0	0	9	0	0	63	100
	Leiah	000	0	0	36	02	94	00	0	041	87	0	0	9	0	0	76	96
Bahawalpur	Khanpur	000	0	0	00	00	97	02	2	018	02	0	0	9	0	0	63	102
	Bahawalpur	000	0	0	00	00	96	00	0	025	00	0	0	9	0	0	77	102
	Fort Abbas	000	0	0	05	02	98	00	0	008	10	0	0	9	0	0	93	110
Peshawar	Chakdra	000	0	0	18	02	97	02	0	969	90	0	0	9	0	0	64	93
	Peshawar	000	0	1	09	02	97	02	0	007	91	0	0	9	0	0	63	93
	Haripur	000	0	1	23	02	97	00	0	019	95	1	1	6	0	0	67	96
D. I. Khan	Bannu	000	0	1	03	02	99	00	0	007	95	0	0	9	0	1	64	98
	D. I. Khan	000	0	0	00	00	98	00	0	///	87	0	0	9	0	0	72	96
Quetta	Sibi	000	0	0	18	03	97	02	0	011	06	0	0	9	0	0	61	107
	Nokkundi	000	0	0	31	07	96	02	0	988	04	0	0	9	0	0	28	05
Kalat	Turbat	000	0	0	23	02	96	02	0	966	99	0	0	9	0	0	84	100
	Jiwani	000	0	0	18	09	96	02	0	069	73	0	0	9	0	0	75	86
	Pasni	000	0	0	25	10	97	02	0	019	84	0	0	9	0	0	75	90
Karachi division	Ormara																	
	Lasbela	000	0	0	13	02	98	00	0	031	84	0	0	9	0	0	67	105
	Karachi (Manora)	000	0	0	27	05	97	03	0	055	79	0	0	9	0	0	73	81
	Karachi (Ariport)	000	0	0	27	10	96	02	0	052	85	0	0	9	0	0	73	90
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	068	03	0	6	6	0	0	03	04
	Chhor																	
	Hyderabad	000	0	0	23	10	97	03	0	023	01	1	0	9	2	0	62	108
	Badin	000	0	0	23	06	96	02	0	049	96	0	0	9	0	0	75	100
Khairpur	Padidan	000	0	0	31	02	97	02	0	018	03	0	0	9	0	0	41	107
	Nawabshah	000	0	0	00	00	96	02	0	024	05	0	0	9	0	0	57	107
	Sukkur	000	0	0	23	02	96	02	0	008	01	0	0	9	0	0	68	105
	Kashmore	000	0	0	23	02	98	02	0	026	02	0	0	9	0	0	66	104
	Jacobabad	000	0	0	09	05	97	02	0	015	03	0	0	9	0	0	77	101
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Alibad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	29	03	98	00	0	463	68	0	0	9	0	0	56	72
Peshawar	Drosh *	000	0	2	23	09	58	03	0	434	87	0	0	9	0	/	73	//
	Cherat *																	
	Kakul *																	
	Landikotal *	000	0	0	31	05	98	02	0	312	87	0	0	9	0	0	82	91
	Parachinar *	000	1	4	16	05	99	17	0	464	78	4	9	9	0	0	43	82
D.I. Khan	Miranshah *	000																
	Wana *	000	0	0	00	00	99	00	0	502	87	0	0	9	0	0	51	90
Quetta	Fort Sandeman *	000	0	1	00	00	98	03	0	438	90	1	1	7	0	0	15	92
	Hindubagh *	000	0	0	23	02	97	02	0	411	87	0	0	9	0	0	54	88
	Loralai *	000	0	0	27	02	98	00	0	395	85	0	0	9	0	0	60	87
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	457	75	0	0	9	0	0	55	95
	Samungli (Quetta) *	000	0	0	31	05	96	02	0	472	86	0	0	9	0	0	33	90
	Chaman *	000	0	0	27	05	92	00	0	477	91	0	0	9	0	0	53	93
	Nushki *	000	0	0	31	03	97	02	0	535	96	0	0	9	0	0	63	97
	Dalbandin *	000	0	0	13	02	97	02	0	492	99	0	0	9	0	0	32	101
Kalat	Kalat *	000	0	0	27	02	97	02	0	453	80	0	0	9	0	0	46	83
	Khuzdar *	000	0	0	18	02	97	02	0	454	92	0	0	9		0	16	94
	Panjgur *	000	0	0	31	05	96	02	0	477	90	0	0	9	0		62	101

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

STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (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, 1969 to-date (39)	Departure from normal (40)	Since 1st January, 1969 to-date (41)	Annual Normal (42)
Rangamati	385	9	6	18	02	98	01	9	079	80	5	7	5	7	0	76	73	—	—	91.9	—	92.4	—
Cox's Bazar	173	9	8	02	18	96	02	2	047	80	6	5	4	2	0	75	77	0	+ 3	—	—	—	140
Chittagong	246	9	7	05	03	96	01	9	062	77	4	5	4	2	0	75	74	+ 3	— 2	—	—	—	100
Maijdee Court	000	9	8	18	02	96	03	2	051	81	2	5	5	1	1	79	75		— 3	—	—	—	115
Comilla	000	0	7	00	00	96	03	2	067	77	7	4	4	/	/	75	77	+ 3	0	79.1	+18.2	98.3	94
Brahmanbaria	000	0	7	23	02	97	03	1	061	87	4	5	5	2	0	81	82	—	—	39.5	— 6.7	49.2	78
Sylhet	000	0	0	09	03	97	01	0	058	88	0	0	9	0	0	79	77	—	—	115.0	—	143.0	—
Srimangal	000	0	7	00	00	97	02	6	069	86	7	5	4	/	/	77	81	0	+ 4	56.7	— 3.9	71.9	98
Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					91
Narayanganj	003	0	8	23	02	97	03	2	065	84	8	6	3	/	/	82	81	+ 1	+ 2	40.3	— 6.3	65.7	74
Dacca (Tezgaon)	003	0	7	31	02	97	02	2	067	84	7	0	9	7	0	79	82	—	—				—
Faridpur	000	0	7	34	05	97	02	2	057	85	6	4	5	1	0	78	67	+ 6	— 11	37.2	— 7.8	50.8	71
Barisal	000	0	8	00	00	97	17	9	070	87	6	3	4	2	0	81	79	+ 4	+ 1	—	—	—	81
Khulna	000	0	2	00	00	97	03	0	088	84	2	2	4	0	0	79	81	+ 3	+ 4	48.6	+ 1.7	54.7	68
Satkhira	000	0	6	31	03	97	02	2	069	82	6	5	6	1	0	65	77		0	42.0	— 3.1	47.3	65
Jessore	000	0	7	27	03	96	02	4	067	82	2	5	4	7	0	79	79	—	—	—	—	—	45
Pabna	000	0	4	23	02	98	01	1	066	87	4	0	9	4	0	79	81	—	—	37.7	—	51.4	59
Sirajganj	000	0	8	18	02	98	03	2	062	84	8	0	7	1	6	69	81		+ 3	37.6	— 5.5	45.2	64
Rajshahi	000	0	6	18	02	96	03	1	069	84	6	5	5	/	0	79	81	+ 3	+ 3	—			—
Bogra	000	0	5	36	02	96	02	2	058	67	1	4	5	0	2	80	81	+ 3	+ 4	36.2	—11.5	47.2	69
Dinajpur	000	0	0	36	02	96	00	0	060	90	0	0	9	0	0	78	80	+ 5	+ 3	61.0	+ 7.5	84.0	72
Rangpur	000	0	1	09	02	96	01	6	059	87	1	0	9	1	0	72	79	—	—	55.8	— 3.0	74.4	84
Jammu																							—
Lahore (Jail Rd.)	000	0	0	18	05	96	02	8	041	79	0	0	9	0	0	79	75	— 3	+ 5	13.4	— 1.0	17.9	19
Sialkot																							32
Jhelum	000	0	0	09	02	97	02	0	038	82	0	0	9	0	0	73	75	—	—	22.0	—	30.3	—
Islamabad																							—
Rawalpindi	000	0	0	00	00	98	00	0	041	79	0	0	9	0	0	65	73	+ 2	+ 6	18.5	— 4.5	28.6	36
Campbellpur																							—
Khushab	000	0	0	09	11	97	00	0	032	82	0	0	9	0	0	78	75	+ 1	+ 1	3.8	— 6.2	7.2	15
Sargodha	000	0	0	00	00	96	04	0	040	82	0	0	9	0	0	73	75	—	—	16.5	—	20.1	—
Lyallpur	000	0	0	00	00	96	00	0	047	87	0	0	9	0	0	73	77	— 2	+ 5	4.7	— 4.4	7.6	12
Sahiwal																							10
Multan	000	0	0	13	05	97	02	8	028	82	0	8	9	0	0	68	69	+ 2	— 6	8.0	+ 3.2	11.0	7
Leiah	000	0	0	18	02	96	00	0	065	84	0	0	9	0	0	81	73	—		0.9		2.8	8
Khanpur	000	0	0	00	00	97	02	0	012	82	0	0	9	0	0	55	68	+ 1	— 6	0.2	+ 4.6	1.1	6
Bahawalpur	000	0	0	00	00	96	00	0	034	84	0	0	9	0	0	68	74	+ 3	— 11	0.7	+ 3.5	2.0	6
Fort Abbas	///	/	0	05	02	98	00	0	///	//	0	0	9	0	0	73	79	—	—	0.7	—	0.8	8
Chakdra	000	0	2	00	00	97	01	0	032	73	2	1	9	0	0	62	65	—	—	7.2	—	16.6	—
Peshawar	000	0	0	03	03	97	02	0	037	73	0	0	9	0	0	64	73	— 1	+ 4	4.7	+ 0.4	13.4	11
Haripur	000	0	0	05	03	97	00	0	037	81	0	0	9	0	0	60	73	—	—	7.7	—	17.9	—
Bannu	000	0	0	00	00	99	00	8	032	75	0	0	9	0	0	68	76	—	—	0.7	—	4.5	11
D. I. Khan	000	0	0	00	00	98	00	0	055	81	0	0	9	0	0	70	76	— 3	+ 3	3.5	— 1.9	6.0	9
Sibi	000	0	0	00	00	97	02	0	049	77	0	0	9	0	0	58	76	—	—	0.2	—	0.2	5
Nokkundi	000	0	0	31	09	96	02	0	035	85	0	8	9	0	0	39	70	—	—	0.0		0.3	2
Turbat	000	0	0	27	02	96	00	0	934	78	0	0	9	0	0	74	68	—	—	0.2	—	0.2	—
Jiwani	000	0	4	27	03	96	02	0	072	77	4	6	5	0	0	77	76	—	—	0.0	—	2.0	5
Pasni	000	0	0	25	08	97	02	0	078	76	0	0	8	0	0	76	57	0	— 15	0.0	— 0.9	0.0	6
Ormara																							4
Lasbela	000	0	4	00	00	98	00	0	063	75	0	0	9	0	0	69	65	—	—	0.7	—	0.7	8
Karachi (Manora)	000	0	3	27	03	96	03	0	069	75	3	6	4	0	0	72	73	— 4	— 3	1.0	— 5.0	1.1	8
Karachi (Ariport)	000	0	6	27	10	96	02	1	053	78	6	6	5	0	0	72	72	—	—	1.5	—	1.5	—
Nagarparker	000	0	0	23	02	97	02	0	581	79	0	6	0	0	0	79	76	—	—	0.1	—	0.1	—
Chhor																							7
Hyderabad	000	0	0	23	03	97	02	0	040	79	0	8	9	0	0	68	76	+ 10	+ 1	0.2	— 5.8	0.3	9
Badin	000	0	4	23	05	96	00	0	057	76	0	0	9	0	0	73	74	+ 1	— 1	0.3	— 6.9	0.3	—
Padidan	000	0	0	13	03	97	02	0	026	78	0	0	9	0	0	59	73	—	—	0.8	—	0.8	—
Nawabshah	100	0	0	18	02	96	02	0	027	78	0	0	9	0	0	69	70	—	—	1.1	—	1.1	4
Sukkur	000	0	0	23	03	95	05	4	017	86	0	0	9	0	0	64	77	—	—	0.1	—	0.1	—
Kashmore	000	0	0	18	02	98	02	0	053	87	0	0	9	0	0	65	74	—	—	0.0	—	0.0	4
Jacobabad	080	0	0	13	02	96	02	0	016	85	0	0	9	0	0	67	77	— 1	+ 1	0.5	— 1.0	6.8	20
Veraval																							26
HILL STATIONS																							—
Srinagar *																							71
Gulmarg **																							26
Sonamarg **																							3
Dras **																							6
Leh **																							—
Skardu *																							—
Misgar **																							5
Alibad *																							59
Gilgit *																							
Murree *	000	0	0	27	03	98	00	0	491	63	0	0	9	0	0	51	54	+ 2	0	15.7	—18.9	33.4	18
Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					29
Cherat *																							—
Kakul *																							—
Landikotal *	000	0	0	36	02	98	02	0	347	73	0	0	9	0	0	73	//	—	—	2.1	—	12.7	29
Parachinar *	000	0	0	00	00	98	02	0	474	70	0	0	9	0	0	43	60	+ 3	+ 4	6.3	—	17.0	13
Miranshah *	000	0	0	05	05	99	00	0	485	77	0	0	9	0	0	76	72		—	0.5	— 4.0	2.0	11
Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
Fort Sandeman *	000	0	0	00	00	97	02	0	448	71	0	0	9	0	0	28	63	0	0	2.2	— 2.8	6.5	—
Hindubagh *	000	0	0	00	00	97	02	0	468	48	0	0	9	0	0	40	45	—	—	2.7	—	5.9	9
Loralai *	000	0	0	18	02	98	00	0	390	65	0	0	9	0	0	45	/,/	—	/	0.6	—	0.6	—
Barkhan *											0	0	9	0	0								14
Harnai *	000	0	0	00	00	96	02	0	488	74	0	0	9	0	0	49	//	—	/	3.9	— 3.4	5.7	9
Samungli (Quetta) *	000	0	0	00	00	96	02	0	483	55	0	0	9	8	0	32	49	—	—	0.5	— 0.5	3.1	8
Chaman *	000	0	0	09	04	97	00	0	495	72	0	0	9	0	0	35	65	+ 4	+ 4	2.1	+ 1.9	4.8	—
Nushki *	000	0	0	09	03	97	02	0	529	80	0	0	9	0	0	43	73	—	—	0.5	—	2.7	4
Dalbandin *	000	0	0	13	02	97	02	0	468	74	0	0	9	0	0	32	66	+ 3	+ 8	0.0	— 0.2	0.5	7
Kalat *	000	0	8	16	03	97	02	8	475	61	0	0	9	8	0	47	51	+ 2	+ 5	0.9	— 0.3	2.2	—
Khuzdar *	000	0	0	00	00	96	02	0	470	72	0	0	9	0	0	53	67	—	—	0.9	—	3.2	5
Panjgur *	000	0	0	00	00	96	02	0	462	68	0	0	9	0	0	48	66	+ 7	+ 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

TUESDAY THE 23rd SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_at_a	8$N_sCh_sh_s$	OT$_x$T$_x$T$_x$T$_d$	1T$_w$T$_w$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														
M/S Jeci	99 2 87	10 5 90	23 0 00	03 0 11	98 0 00	03 2 09	00 9 00	76 7 10			05 3 25	13 1 00	3/ / 81	// / 01
Dwarka	99 2 48	10 6 40	22 0 03	12 3 12	99 0 20	08 0 26	11 6 00	23 5 00			00 2 11	...	30 3 01	...
Banora	99 2 13	30 6 07	22 0 63	62 9 11	98 0 11	11 0 29	00 9 88	23 2 10			00 2 75	...	30 3 21	...

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
		$P_cP_oP_o$ ToToTo DoDo	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	003 290 25	...	400 210 58	116 122 60	585 041 59	758 145 59	971 291 61	247 509 //	431 647 //	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 09	020 260 21	...	400 110 26	115 005 //	561 211 //	722 315 //	920 425 //	190 505 //	...	...	...	...	...
Multan ...	00 03	987 266 58	–	420 264 63	204 104 50	578 157 //	741 275 //	949 421 //	216 545 //		...	...	...	...
Peshawar ...	00 00	962 230 50	...	420 230 57	084 120 56	581 075 50	750 203 //	958 305 //	241 413 //	433 517 //	...	...	...	...
Quetta ...														
Sargodha ...	00 00	990 270 55	–	600 190 59	166 090 56	596 085 //	080 175 //	977 281 //	261 401 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.							Max. Wind Speed	TROPOPAUSE	
		PPP TT T$_a$ DD							PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 228 56	800 214 60	600 044 59	350 213 59	250 375 60	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...													
Multan ...	00 00	900 294 61	800 214 61	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	900 250 57	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													
Sargodha ...													

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.

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 fff)									
	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	.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	285 06	290 04	290 03	360 08	015 01	280 03	295 04	...	...	345 06	355 07	010 07	050 06	075 08	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...		290 02	290 04	270 06	305 08	330 07	330 10	330 10	345 13	...	090 09	120 08	250 07	240 06	345 05	...	170 01	090 02	285 09	295 09	330 10	305 13	300 20	...	...	...
Chhor ...	245 06	280 06	290 08	255 10	290 06	250 05	045 28	020 22	010 28	260 18	255 15	235 11	190 04	335 06	360 10	290 19	235 16	235 16	240 15	260 07	350 04	...	..	...	...	...
Chittagong ...	276 19	290 18	315 18	345 12	010 07	020 10	...	...	...	345 09	335 02	020 16	040 14	070 13	...	355 13	005 15	025 13	060 11	065 19	...	...	...	...	...	...
Cox's Bazar ...	305 17	310 15	320 13	340 12	...	...	...	...	...	305 19	315 11	340 22	338 23	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	285 09	280 10	285 10	340 12	355 08	040 06	040 05	055 06	055 10	300 13	...	325 13	355 08	015 09	...	320 13	335 15	350 19	015 11	080 11	060 12	060 18	060 17	085 23	...	...
Dalbandin ...	...	...	336 07	110 08	345 08	350 17	290 16	295 27	...	...	...	...	...	...	...	...	...	045 01	340 05	350 13	348 20	285 02	250 11	235 11	205 11	240 47
D. I. Khan ...	180 08	170 13	165 13	145 01	115 04	275 06	300 17	310 15	330 15	190 07	185 10	205 10	270 08	315 04	335 08	110 11	185 11	180 11	160 15	135 13	170 06	285 09	285 12	290 13	285 12	300 23
Drosh ...	...	...	...	230 11	225 02	190 10	095 04	290 06	...	...	...	...	285 03	233 02	265 01	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	275 03	285 02	295 09	280 10	295 13	305 22	...	...	...	270 03	265 06	340 16	...	...	...	030 04	010 07	345 17	355 14	325 10	315 12	300 14	315 36
Jacobabad ...	165 03	225 02	270 05	335 11	310 08	220 05	030 21	335 14	335 28	020 07	170 07	/// //	225 17	240 15	320 20	305 07	275 11	255 15	255 20	280 20	320 25	345 35	355 27	355 27	360 19	305 51
Jessore ...	260 04	245 04	270 05	305 04	175 03	150 05	125 06	100 03	075 05	295 15	305 07	280 06	030 05	025 04	060 09	290 06	325 09	005 07	060 06	095 10	085 13	100 28	115 28	125 35	...	...
Jhelum ...	245 02	245 04	265 06	290 13	315 15	340 10	350 10	305 15	290 17	115 10	140 04	255 06	300 07	333 19	325 12	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...	220 12	240 13	240 12	320 08	360 14	015 08	350 10	325 12	340 13	240 19	270 10	305 14	..	...	...	230 05	235 06	...	...	...	...	...	...	...	...	...
Karachi ...	275 12	280 17	295 18	315 13	340 06	035 06	020 15	015 27	360 32	...	...	...	...	...	...	290 09	295 13	300 15	...	...	...	...	...	...	...	...
Khanpur ...	285 08	285 06	285 05	285 03	350 08	290 02	285 17	300 26	290 25	190 17	220 19	215 09	220 13	...	...	300 21	220 23	240 25	285 32	260 39	315 21	320 22	...	325 22	305 09	300 27
Lahore ...	...	...	...	...	...	...	...	...	...	175 08	200 12	240 06	290 04	285 04	...	260 03	315 04	310 06	310 08	345 07	330 14	335 18	330 13	280 20	...	...
Multan ...	160 17	160 17	160 13	170 10	175 12	240 13	320 13	345 29	345 25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nawab Shah ...	245 02	300 01	325 01	345 02	330 04	355 03	360 26	...	...	235 08	210 08	280 07	190 05	230 03	345 02	275 06	230 05	265 04	020 06	355 13	345 11	305 12	351 32	...	...	...
Panjgar ...	...	...	...	005 05	000 07	010 09	335 17	330 19	330 27	...	...	...	245 10	260 13	290 15	...	...	...	330 12	330 11	360 08	015 14	015 15	030 15	...	...
Peshawar ...	...	050 05	155 03	165 12	225 10	270 09	310 15	295 15	305 12	...	325 19	3 0 12	290 08	290 07	305 10	...	030 09	345 08	315 10	315 18	295 16	250 16	290 18	305 19	328 20	260 54
Quetta ...	...	...	...	...	275 03	290 06	310 09	315 09	315 13	...	...	...	...	270 12	...	...	...	...	...	248 04	275 06	305 16	320 19	320 25	305 56	...
Sargodha ...	075 05	...	...	...	...	...	...	...	...	075 06	195 09	215 06	235 04	130 03	335 14	270 04	270 04	235 07	225 07	230 06	325 14	295 14	310 17	325 16	325 31	250 56
Sylhet ...	290 15	290 12	005 02	080 08	090 15	085 03	050 04	090 03	105 04	305 09	340 12	030 06	...	...	305 15	085 12	090 15	090 20	085 20	095 23	100 31	...	...	...	...	...
Vertwal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	270 18	275 22	280 30	275 15	325 10	350 18	330 14	345 20	345 26	340 37	300 24	230 26	...	...	...	...	...	...
Karachi ...	...	345 19	310 12	290 08	290 07	305 19	305 19	305 22	255 26	255 26	255 62	275 41	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

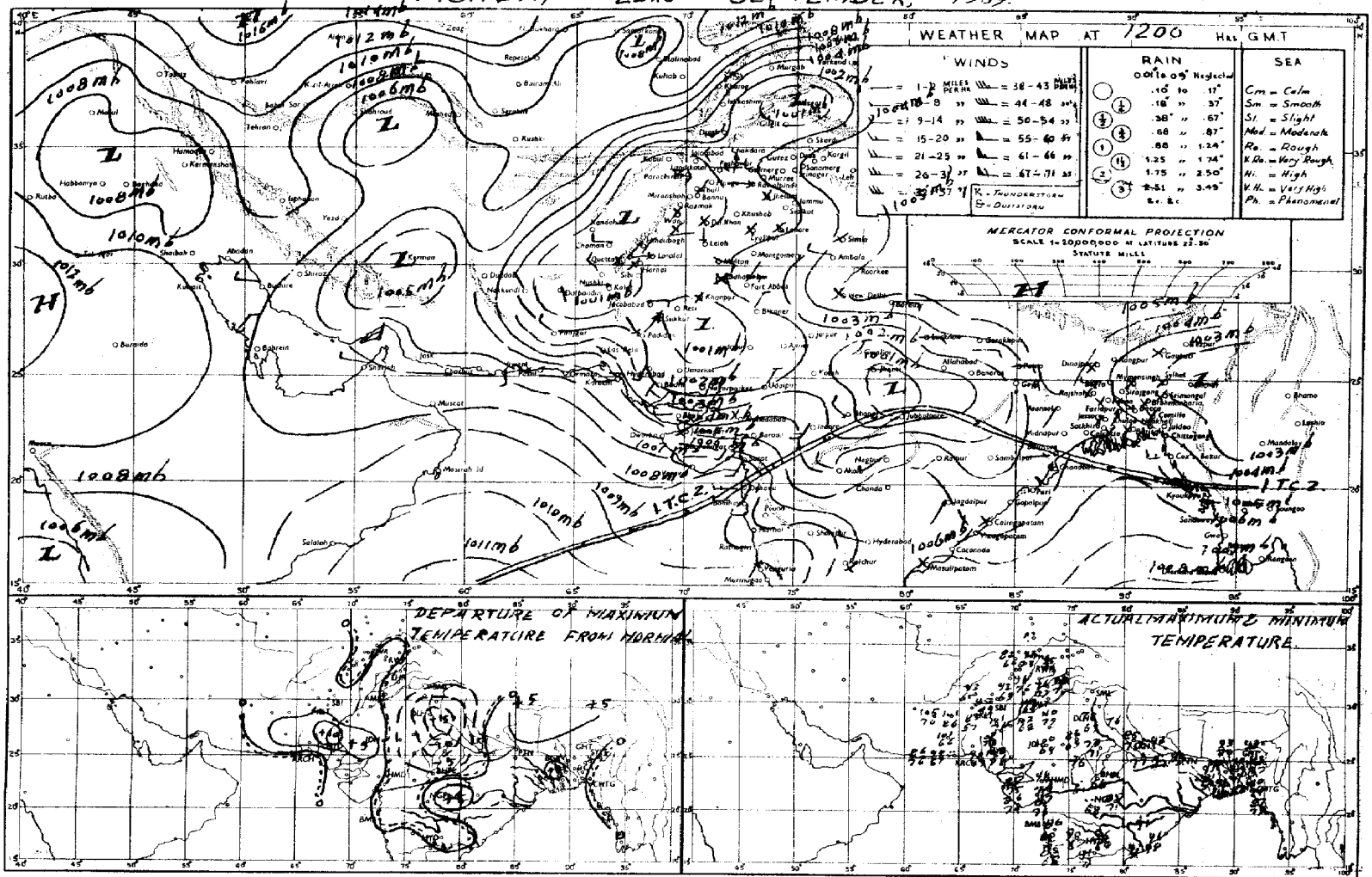
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

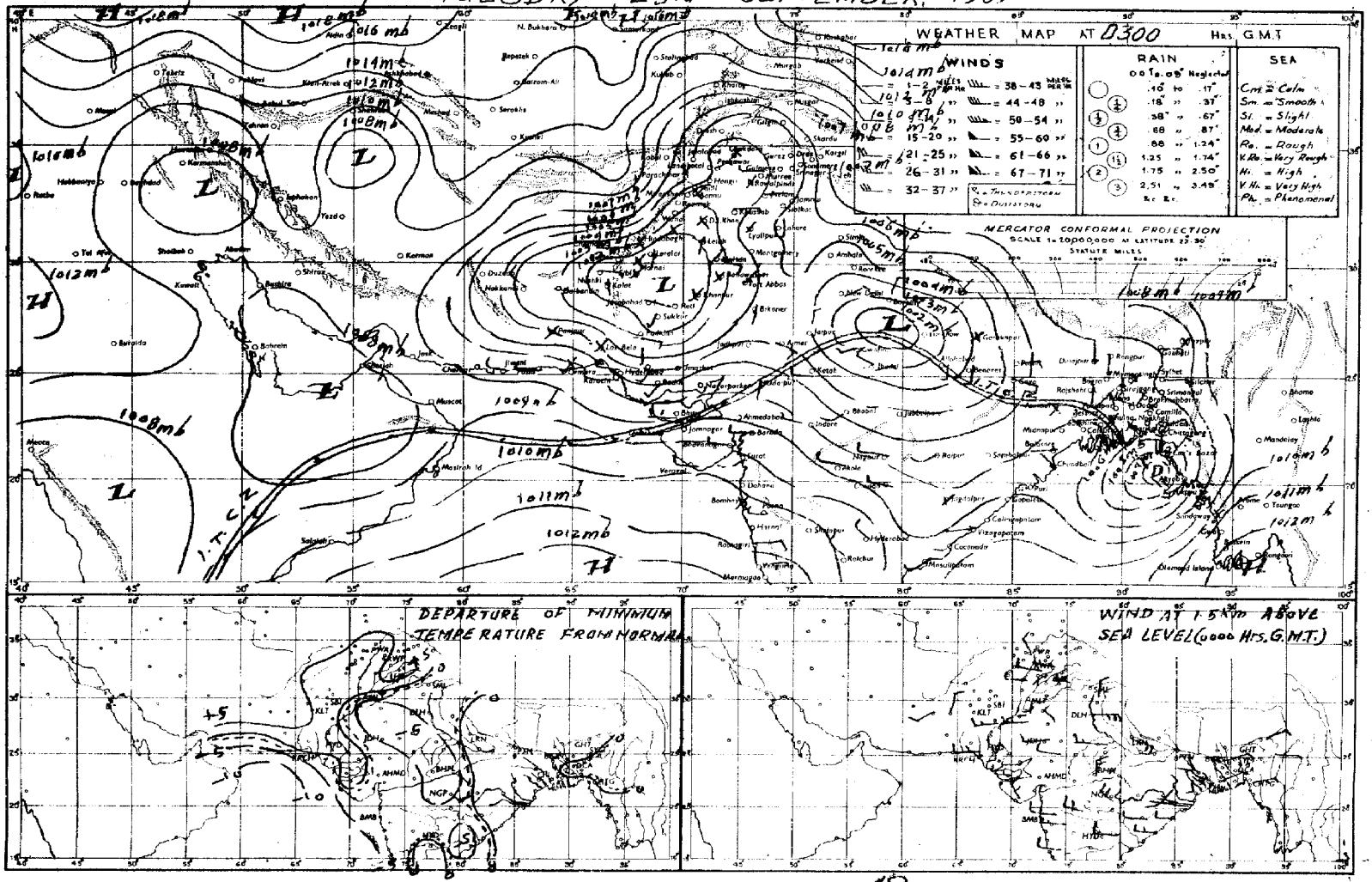
MONDAY 22nd SEPTEMBER, 1959.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 23rd SEPTEMBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

WEDNESDAY THE 24th SEPTEMBER 1969.

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

Yesterday morning's depression moved slightly north west wards and was centred at 14,1200 G.M.T. with in half a degree of Lat. 21 degree north and 91 degree east. Obseravations from the depression field are lacking but believe, the last evenings depression probbably deep moved north west wards crossed east Pakistan coast near longitude 90 degrees east and is centred at 23,0300 G.M.T. close to Khulna. It is likely to move in the same direction and weaken. Monsoon in active over East Pakistan. Rain/thundershowers have been fairly widespread in Chittagong, Dacca and Khulna divisions and scattered in Rajshahi division. The well marked low pressure area over Uttar Pradesh moved north wards. The seasonal low pressure area lies over Quetta and Kalat divisions. A few thunderstorms have been reported from Rawalpindi and Peshawar divisions. Weather remained dry elsewhere over West Pakistan.

Chief amounts of rainfall are ; Khulna 8", Chittagong, Satkhira 4" each, Maijdee Court, Narayanganj, Dacca, Jessore 1½" each, Comilla 1", Brahmanbaria, Bogra 3/4" each, Sirajgang ½", Rangamati, Srimangal, Rajshahi and Dinajpur ¼" each.

Day temperatures were 3—5 °F (2—3 °C) above normal in Dacca, Rajshahi, Multan, Bahawalpur, Peshawar, Quetta and Kalat divisions and were 3—5 °F (2—3 °C) below normal in Lahore and Karachi divisions.

Forecast valid until the evening of 25th September 1969 :— Rain/thundershowers with be fairly widespread over East Pakistan. Weather is likely to remain dry over West Pakistan.

Karachi-11
The 24th September, 1969.

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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 Clud † Nh (13)	Low Clod from † CL (14)	Heights of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	020	4	7	18	05	96	21	6	043	78	6	3	5	7	/	73	87
	Cox's Bazar																	
	Chittagong	029	5	8	07	18	96	60	9	028	76	7	7	2	2	/	76	85
	Maijdee Court	000	9	8	00	00	94	62	6	022	82	8	7	4	0	0	80	90
	Comilla	000	0	8	13	13	96	03	9	028	87	8	4	4	0	0	82	93
	Brahmanbaria	000	2	8	18	10	95	17	9	021	82	8	9	5	/	/	79	93
	Sylhet	000	0	7	00	00	//	02	2	024	87	4	5	5	3	2	77	93
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	000	0	6	00	00	96	02	2	028	90	4	4	6	2	0	79	91
	Narayanganj	000	0	8	23	02	96	03	2	015	90	8	6	3	/	/	80	90
	Dacca (Tezgaon)	000	0	7	31	05	97	03	2	011	87	5	9	4	7	1	78	90
	Faridpur	000	0	7	20	02	97	02	2	051	86	5	5	6	1	0	78	87
Khulna	Barisal	024	1	8	00	00	96	96	2	019	82	6	9	4	2	0	80	85
	Khulna	000	0	4	08	00	97	03	0	052	87	2	2	4	0	0	85	90
	Satkhira	000	0	5	00	00	97	02	1	023	86	5	3	9	1	0	82	87
	Jessore	000	0	6	27	02	97	02	2	022	86	1	3	6	7	8	78	87
Rajshahi	Pabna	000	0	3	00	00	97	01	1	020	87	0	0	9	0	8	78	91
	Sirajgan	000	0	4	05	01	97	02	2	019	90	4	4	6	0	0	78	90
	Rajshahi	000	0	4	31	02	96	01	1	029	86	2	6	5	2	0	78	91
	Bogra	000	0	2	00	00	96	01	1	023	87	0	0	9	0	/	82	91
	Dinajpur	000	0	5	00	00	96	01	0	018	90	2	0	9	1	0	78	93
	Rangpur	000	0	1	00	00	96	01	0	022	87	1	0	9	1	0	78	93
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	23	02	96	02	0	997	93	1	1	6	0	0	70	93
	Sialkot																	
Rawalpindi	Jhelum	000	0	3	23	02	//	//	/	988	//	3	3	6	0	0	70	98
	Islamabad																	
	Rawalpindi	000	0	1	27	02	99	00	0	989	91	1	2	7	0	0	64	95
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	97	00	0	995	96	0	0	9	0	0	85	98
	Sargodha	000	0	0	18	03	97	01	0	993	96	0	0	9	0	0	70	96
	Lyallpur	000	0	0	00	00	96	00	0	991	93	0	0	9	0	0	67	98
Multan	Sahiwal																	
	Multan	000	0	0	13	13	97	05	0	991	98	0	0	9	0	0	60	02
	Leiah	000	0	0	18	02	94	03	0	035	98	0	0	9	0	0	//	98
Bahawalpur	Khanpur	000	0	0	00	00	97	07	9	991	02	0	0	9	0	0	64	04
	Bahawalpur	000	0	0	00	00	96	30	0	993	00	0	0	9	0	0	38	04
	Fort Abbas	///	/	0	31	02	98	00	0	001	12	0	0	9	0	0	91	12
Peshawar	Chakdra	000	2	5	00	00	97	29	0	965	90	5	3	7	0	0	67	91
	Peshawar	000	0	1	36	03	97	02	0	979	91	1	9	6	3	0	64	96
	Haripur	000	0	1	08	03	97	00	0	987	95	0	0	9	0	0	67	96
D. I.-Khan	Bannu	000	0	3	16	02	99	01	0	983	95	3	2	7	0	0	64	96
	D. I. Khan	000	0	0	02	00	98	00	0	992	//	0	0	9	0	0	73	98
Quetta	Sibi	000	0	0	18	03	97	02	0	973	09	0	0	9	0	0	69	18
	Nokkundi	000	0	0	31	07	97	02	0	991	02	0	0	9	0	0	31	05
Kalat	Turbat	000	0	0	27	02	96	00	0	919	09	0	0	9	0	0	71	00
	Jiwani	000	0	1	23	05	96	02	0	046	05	1	6	5	0	0	77	87
	Pasni	000	0	0	25	02	97	02	0	055	85	0	0	9	0	0	75	08
Karachi division	Ormara																	
	Lasbela	///	0	2	13	02	98	00	0	010	80	0	0	8	0	0	67	02
	Karachi (Manora)	000	0	0	27	05	96	02	0	045	78	0	0	9	0	0	71	82
	Karachi (Airport)	000	0	4	27	14	96	03	0	039	83	4	6	5	0	0	72	87
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	068	03	0	0	0	0	0	03	04
	Chhor	000	0	0	23	14	96	05		006	91	0	0	9	0	0	49	97
	Hyderabad	000	0	0	23	10	96	06	0	017	94	0	0	9	0	0	67	00
	Badin	000	0	0	23	16	96	02	0	031	90	0	0	9	0	0	67	93
Khairpur	Padidan	000	0	0	00	00	97	02	0	989	09	0	0	9	0	0	46	11
	Nawabshah	000	0	0	00	00	96	06	0	998	08	0	0	9	0	0	64	08
	Sukkur	000	0	0	13	03	96	02	0	990	05	0	0	9	0	0	70	07
	Kashmore	003	0	0	23	02	98	02	0	990	07	0	0	9	0	0	64	04
	Jacobabad	089	0	0	18	03	97	02	0	983	03	0	0	9	0	0	65	04
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	8	36	21	97	17	1	449	64	8	9	3	/	/	56	68
Peshawar	Drosh *	000	0	6	20	09	97	03	2	424	80	5	4	7	6	0	72	87
	Cherat *	000	0	0	36	05	98	00	0	450	87	0	0	9	0	0	54	87
	Kakul *	000	2	6	31	10	98	10	9	451	73	6	9	5	0	0	43	82
	Landikotal *	000	0	0	05	05	98	02	0	305	90	0	0	9	0	0	85	90
	Prachinar *	000	0	4	31	05	98	03	0	441	80	4	9	6	0	0	47	82
D.I. Khan	Miranshah *	000	0	0	05	00	99	00	0	431	90	0	0	9	0	0	60	91
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	000	0	0	32	02	97	01	0	427	90	0	0	9	0	0	//	92
	Hindubagh *	000	0	0	20	03	97	02	0	428	86	0	0	9	0	0	50	87
	Loralai *	000	0	0	18	02	98	00	0	390	85	0	0	9	0	0	65	87
	Barkhan *																	
	Harnai *	000	0	0	00	00	96	02	0	360	00	0	0	9	0	0	//	//
	Samungli (Quetta) *	000	0	0	31	18	96	05	0	455	85	0	0	9	0	0	44	89
	Chaman *	000	0	0	27	05	97	00	0	461	90	0	0	9	0	0	29	91
	Nushki *	000	0	0	31	05	97	02	0	513	95	0	0	9	0	0	61	96
	Dalbandin *	000	0	0	31	02	97	02	0	473	00	0	0	9	0	0	45	03
Kalat	Kalat *	000	0	0	31	03	96	02	0	452	73	0	0	9	0		49	80
	Khuzdar *	000	0	0	31	03	97	02	0	443	93	0	0	9		0	31	96
	Panjgur *	000	0	0	31	02	96	02	0	469	99	0	0	9	0	0	52	01

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 † Wz (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (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, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	031	9	7	18	09	97	02	6	082	81	5	7	5	7	1	75	75	—	—	92.2	—	97.7	—
	Cox's Bazar																							140
	Chittagong	373	9	7	13	10	96	01	6	070	75	2	6	3	2	0	75	73	+ 2	— 3	—	—	—	108
	Maijdee Court	150	9	8	16	05	96	03	6	046	77	8	1	4	2	1	77	75	!	+ 3	—	—	—	115
	Comilla	120	6	7	23	05	96	02	6	043	75	7	4	4	/	/	73	73	+ 2	— 4	80.3	+19.0	99.5	94
	Brahmanbaria	084	9	7	09	07	97	03	9	062	81	7	5	5	/	0	75	75	—	—	40.6	— 4.0	50.0	78
	Sylhet	006	1	7	09	06	97	02	2	062	82	4	5	4	2	1	75	75	—	—	115.0	—	143.0	—
	Srimangal	020	9	7	09	02	96	02	9	066	82	3	9	5	0	2	75	75		0	—	—	—	98
Dacca	Mymensingh	013	9	6	13	04	97	02	/	077	84	6	5	5	2	0	73	75	+ 4	— 2	56.8	— 4.1	72.0	91
	Narayanganj	155	2	8	09	12	96	60	6	045	77	8	7	3	7	/	75	75	+ 1	— 4	41.8	— 5.0	67.2	74
	Dacca (Tezgaon)	171	9	8	11	09	96	21	9	045	77	7	7	3	0	/	75	75	—	—	—	—	—	—
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					71
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					81
	Khulna	781	9	8	23	05	97	03	0	///	81	2	4	4	0	4	77	79	+ 2	+	56.4	— 9.2	62.1	68
	Satkhira	415	2	8	31	03	97	00	6	044	75	8	7	5	0	0	75	73	— 2	—	46.1	+ 2.7	51.4	65
	Jessore	156	8	8	32	07	96	61	6	041	//	7	5	9	7	6	//	73	—		—	—	—	65
Rajshahi	Pabna																		—					59
	Sirajgan	045	9	8	09	02	97	02	2	058	81	8	6	6	0	0	75	75	+ 3	— 3	38.0	— 5.4	45.6	64
	Rajshahi	031	9	8	05	02	95	61	6	070	79	8	7	5	/	/	77	64	+ 3	— 14	—		—	—
	Bogra	075	9	7	09	03	96	21	6	066	79	5	4	4	2	/	77	75	+ 3	— 2	37.0	—11.1	48.0	69
	Dinajpur	018	3	6	05	02	96	02	0	078	82	3	0	9	3	/	75	75	+ 5	— 2	61.2	+ 7.3	84.2	72
	Rangpur	008	7	7	09	02	96	03	6	068	86	4	5	6	2	0	77	79	—	—	36.0	— 3.3	74.5	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	13	02	96	05	0	046	81	0	0	9	0	0	69	73	—	+ 3	13.4	— 1.0	17.8	19
	Sialkot																							32
Rawalpindi	Jhelum	000	9	1	13	02	97	03	9	046	81	1	1	7	0	0	64	//	—	/	22.0	—	30.3	—
	Islamabad																							—
	Rawalpindi	000	0	0	05	02	98	00	0	048	73	0	0	9	0	0	65	69	+ 2	+ 2	18.5	— 4.6	28.6	36
	Campbellpur																							—
Sargodha	Khushab	000	0	0	09	//	98	00	0	046	81	0	0	9	0	0	73	73	— 1	— 1	3.8	— 6.2	7.2	15
	Sargodha	000	0	0	09	05	97	02	0	039	79	0	0	9	0	0	69	73	—	—	16.5	—	20.1	—
	Lyallpur	000	0	0	00	00	96	00	0	047	82	0	0	9	0	0	73	75	0	+ 3	4.6	— 4.4	7.6	12
Multan	Sahiwal																		—					10
	Multan	000	0	0	00	00	96	05	0	029	91	0	8	9	0	0	69	75	+ 4	+ 3	8.0	+ 3.2	11.0	7
	Leiah	000	0	0	18	02	92	00	0	059	84	0	0	9	0	0	65	75	—	—	1.0	—	2.7	8
Bahawalpur	Khanpur	000	0	0	23	//	96	02	0	020	79	0	0	9	0	0	68	73	+ 3	— 1	0.2	+ 4.6	1.1	6
	Bahawalpur	000	0	0	00	00	96	00	0	038	//	0	0	9	0	0	60	73	+ 5	+ 1	0.7	+ 3.5	2.0	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdra	000	0	1	05	02	98	03	0	041	//	0	0	9	0	0	//	65	—	—	7.3	—	16.6	—
	Peshawar	000	0	0	00	00	97	02	0	047	77	0	0	9	0	4	64	68	+ 2	— 1	4.7	+ 0.4	13.4	11
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
D. I.-Khan	Bannu	000	0	0	00	00	98	00	0	038	77	0	0	9	0	0	68	73	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	042	81	0	0	9	0	0	73	62	— 1	— 11	3.5	— 1.8	6.0	9
Quetta	Sibi	000	0	0	00	00	//	02	0	026	76	0	0	9	0	0	45	75	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	26	03	96	02	0	048	82	0	0	9	0	0	53	76	—	—	0.0	—	0.3	3
Kalat	Turbat	000	0	0	27	02	96	00	0	930	79	0	0	9	0	0	73	29	—	—	0.2	—	0.2	—
	Jiwani	000	0	5	00	00	96	03	1	057	79	5	6	5	0	0	77	76	—	—	0.0	—	2.0	5
	Pasni	000	0	4	23	02	97	02	0	061	76	4	0	0	0	0	75	57	— 2	— 15	0.0	— 0.8	0.0	6
Karachi division	Ormara																							6
	Lasbela	///	0	4	00	00	98	00	0	070	77	0	0	8	0	0	70	62	—	—	0.7	—	0.7	8
	Karachi (Manora)	000	0	2	27	09	96	02	0	065	66	2	6	4	0	0	73	74	— 3	— 2	1.0	— 5.0	1.1	8
	Karachi (Airport)	000	0	5	27	05	96	03	/	070	79	5	6	5	0	0	73	73	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar	000	0	0	23	02	98	02	0	102	77	0	0	0	0	0	77	74	—	—	0.1	—	0.1	—
	Chhor	000	0	0	23	19	96	03	0	055	68	1	6	5	0	0	71	74	—	—	0.2	—	0.3	7
	Hyderabad	000	0	0	23	12	96	07	0	050	79	0	8	9	0	0	71	76	+ 2	+ !	0.2	— 5.8	0.3	9
	Badin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					—
Khairpur	Padidan	000	0	0	13	05	97	02	0	027	79	0	0	9	0	0	65	73	—	—	0.8	—	0.8	4
	Nawabshah	000	0	0	18	03	96	02	0	031	79	0	0	9	0	0	70	73	—	—	1.1	—	1.1	—
	Sukkur	000	0	0	20	05	96	02	0	009	79	0	0	9	0	0	70	75	—	—	0.1	—	0.1	4
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				20
	Jacobabad	000	0	0	09	07	96	02	0	022	79	0	0	9	0	0	72	75	+ 2	+ 2	0.5	— 1.8	6.8	26
Junagadh	Veraval																							—
	HILL STATIONS																							
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							3
	Dras **																							6
	Leh **																							—
	Skardu *																							—
	Misgar **																							5
	Aliabad *																							59
	Gilgit *																							
Rawalpindi	Murree *	000	0	0	09	03	98	00	0	///	62	0	0	9	0	0	54	66	+ 2	+ 2	15.7	—19.1	33.4	18
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	//	—					29
	Cherat *	000	0	0	36	06	98	00	0	455	73	0	0	9	0	0	49	62	+ 3	/	—	—	—	—
	Kakul *	000	0	0	30	12	98	02	0	470	//	0	0	9	0	0	51			—	16.0	—	26.7	—
	Landikotal *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					29
	Prachinar *	000	0	0	00	00	98	02	0	486	65	0	0	9	0	8	29	60	+ 3	+ 4	6.3	—	17.0	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	462	75	0	0	9	0	0	49	//	—	/	0.5	— 4.1	2.0	11
	Wana *	000	0	0	31	05	98	02	0	470	77	0	0	9	0	0	73	65	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman *	000	0	0	00	00	97	02	0	461	68	0	0	9	0	0	35	63	0	— 1	2.2	— 2.8	6.5	—
	Hindubagh *	000	0	0	00	00	97	02	0	468	40	0	0	9	0	0	30	45	—	—	2.7	—	6.0	9
	Loralai *	000	0	0	08	02	98	00	0	345	63	0	0	9	0	0	65	//	—	—	0.6	—	0.6	—
	Barkhan *																							14
	Harnai *	000	0	0	00	00	96	02	0	432	75	0	0	9	0	0	43	//	/	/	4.0	— 3.4	5.6	9
	Samungli (Quetta) *	000	0	0	00	00	96	05	0	487	59	0	0	9	0	0	32	47	—	—	0.5	— 0.5	3.1	8
	Chaman *	000	0	0	00	00	97	00	0	482	70	0	0	9	0	0	46	66	+ 2	— 5	2.1	+ 2.0	4.8	—
	Nushki *	000	0	0	00	00	97	02	0	519	79	0	0	9	0	0	43	72	—	—	0.5	—	2.6	4
	Dalbandin *	000	0	0	00	00	97	02	0	477	74	0	0	9	0	0	34	64	+ 5	+ 6	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	18	02	97	02	0	472	62	0		9	0	0	48	40	+ 1	+ 2	0.8	— 0.4	2.2	—
	Khuzdar *	000	0	0	23	03	96	02	0	464	62	0	...	9	0	0	53	67	—	—	0.8	—	3.2	5
	Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	+ 7					—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When ever 999 is given RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 24th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_gt_g	$8N_sC_sh_sh_s$	$OT_gT_gT_dT_d$	$1T_wT_wT_wT_w$	$3P_wP_wH_wH_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Dwarka	99 2 35	10 6 75	23 1 83	07 1 13	98 0 30	70 2 76	00 9 00	33 1 06	76 8 17		00 2 23	...	30 3 03	20 5 04
Jeci Casad	99 2 26	10 5 58	22 1 84	02 0 10	98 0 00	03 2 52	00 9 00	...			05 6 24	12 8 01	/// / 01	20 / 02

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
		$P_cP_oP_o$ $T_oT_oT_oT_o$ D_oD_o	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	003 336 04	...	430 160 18	098 088 / /	581 045 21	755 165 56	968 277 57	246 515 / /	...	...	...	...	...
Dacca ...	00 00	001 270 83	...	380 174 48	080 116 57	582 031 50	756 133 57	961 267 59	252 495 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	026 270 67	...	450 194 / /	/67 030 / /	569 151 / /	735 231 / /	941 335 / /	219 431 / /	...	...	...	...	...
Multan ...	00 00	987 266 58	...	400 244 67	098 094 / /	572 215 / /	733 301 / /	923 395 / /	193 511 / /	...	...	...	...	...
Peshawar ...	00 00	992 213 59	...	200 224 62	102 124 61	582 057 / /	752 197 / /	959 337 / /	238 439 / /	...	...	...	...	...
Quetta ...		818 192 70	MISDA	...	120 112 57	577 6 / / /	730 345 / /	924 595 / /	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT T_a DD	Max. Wind Speed	TROPOPAUSE
			$P_mP_mP_m$ dmdm fmfmfmfm	$P_tT_tP_cT_cT_aT_{aa}$ dt dt ft ft ft
16	17	18 19 20 21 22 23 24 25 26	27	28 29
Chittagong ...	00 00	900 190 27 / 800 130 17 / 600 020 28 / 350 189 57	...	...
Dacca ...	00 00	900 /// // / 800 166 57 / 600 044 56 / ...	...	...
Gilgit ...				
Jiwani ...				
Karachi ...	00 00	...	...	...
Multan ...	00 00	...	...	...
Peshawar ...	00 00	...	...	...
Quetta ...	00 00	...	...	...
Sargodha ...	00 00	MISDA	...	...

PPP—Pressure in hunderds tens and units of millibars.
DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
T_a—Approximate tench value in (O °C) even values indicate positive and odd values indicate negative temperatures.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T† of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): .3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	335 08	355 07	355 05	070 06	085 08	080 11	060 12	060 11	045 13	..	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chakiala ...	...	310 07	300 10	300 11	295 10	290 11	275 19	295 18	290 23	080 05	270 01	300 05	300 11	200 09	...	...	185 01	215 02	205 02	255 10	265 13	280 15	275 15	275 21	...	...
Chhor ...	230 19	280 19	230 15	230 10	230 07	015 09	330 17	330 28	230 28	250 20	250 16	230 10	335 09	345 10	215 19	235 18	215 14	200 06	250 03	340 04	320 12	315 18	305 18	...	...
Chittagong ...	110 32	120 38	130 25	...	...	...	...	...	...	...	...	...	...	...	135 24	150 28	165 28	...	170 27	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Dacca ...	320 06	335 10	345 11	010 12	...	...	...	...	...	...	...	...	...	...	115 17	125 26	125 28	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	335 11	330 18	340 12	015 02	315 17	300 34	300 42	...	...	510 05	325 07	325 13	340 15	...	...	050 04	355 12	350 17	340 19	320 34	315 40	315 36	...	...
D. I. Khan ...	185 08	160 08	150 07	130 05	130 05	235 03	295 26	300 22	325 25	210 09	225 10	225 13	235 09	285 05	310 07	055 03	105 07	155 07	150 04	180 05	155 03	275 05	275 15	225 18	...	...
Drosh ...	...	...	...	200 11	210 12	230 09	360 07			...	...	...	170 02	205 01	215 04	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...				280 05	280 10	250 05	310 17	315 26	305 08				355 03	315 09	320 14				265 03	320 03	005 06	355 19	360 20	355 13	...	...
Jacobabad ...	225 04	355 08	340 08	300 08	300 06	325 12	344 17	005 23	005 27	150 10	250 07	280 01	005 23	350 15	265 04	125 07	005 06	355 16	350 27	350 27	340 19	175 12	190 09	295 10	...	...
Jessore ...	285 11	310 10	335 12	350 17	330 13	325 15	015 12	/// //	015 10	No	Ascent														...	...
Jhelum ...	205 09	205 10	235 08	320 11	270 13	275 25	285 24		280 25							120 08	130 11	185 09	235 06	285 13	300 13	295 20	290 19	290 20	...	...
Jiwani ...	220 11	270 09	290 07	010 07	301 0	020 10	005 11	335 19	335 16	230 07	320 07	320 02	320 38	330 16	325 14	120 05	070 03	...	...	...	...	...	...	...	...	...
Karachi ...	255 15	265 17	280 13	315 13	325 13	...	...	...	...	...	...	...	...	...	...	270 12	270 16	...	...	...	...	...	...	...	...	...
Khanpur ...	225 12	255 10	255 12	280 06	295 17	330 13	300 16	300 15	305 29	210 12	215 12	215 13	285 12	255 13	310 13	220 07	225 10	225 11	225 08	340 12	300 14	250 24	250 25	265 26	...	...
Lahore ...	245 06	260 10	180 10	295 3/	300 13	315 12	300 18	295 26	295 26	130 08	200 08	235 06	305 06	350 11	305 11	120 04	140 07	150 05	135 05	040 08	320 08	295 14	310 17	305 19	...	...
Multan ...	150 16	150 13	150 12	160 12	280 05	300 18	310 25	305 19	312 22	160 12	140 10	205 02	270 11	310 06	310 07	055 05	010 06	355 06	/40 56	095 11	/15 18	220 07	260 11	259 19	...	...
Nawab Shah ...	240 04	235 06	280 08	280 09	320 10	355 14	335 15	335 22	335 23	175 08	305 13	300 10	340 10	335 07	265 05	280 08	325 07	340 07	315 17	150 13	265 06	305 13	295 19	320 27	...	...
Panjgar ...	...	...	...	345 03	350 0/	335 09	330 17	320 17	315 18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	105 09	185 08	180 09	220 10	350 09	305 24	230 22	315 18	...	360 15	325 14	300 22	310 22	310 19	...	040 03	005 04	300 15	290 15	275 09	270 10	275 16	275 17	...	...
Quetta ...	...	...	...	...	295 08	300 13	305 15	335 23	335 26											205 05	270 08	285 13	295 16	300 18	...	...
Sargodha ...	190 06	205 07	215 09	240 10	090 15	295 09	300 21	310 17	320 04	280 11	350 03	280 03	295 03	235 04	005 12	060 01	225 05	150 02	050 04	065 04	170 04	285 25	290 20	290 25	...	...
Sylhet ...	180 16	190 16	190 18	...	...	...	...	...	...	105 06	125 07	135 0	135 17	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	090 35	090 38	095 37	...	085 35	350 18	295 40	...	110 30	...	...	...	...	...	...	...	...	...
Karachi ...	255 05	255 15	270 17	275 23	290 22	305 19	015 14	350 14	350 13	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

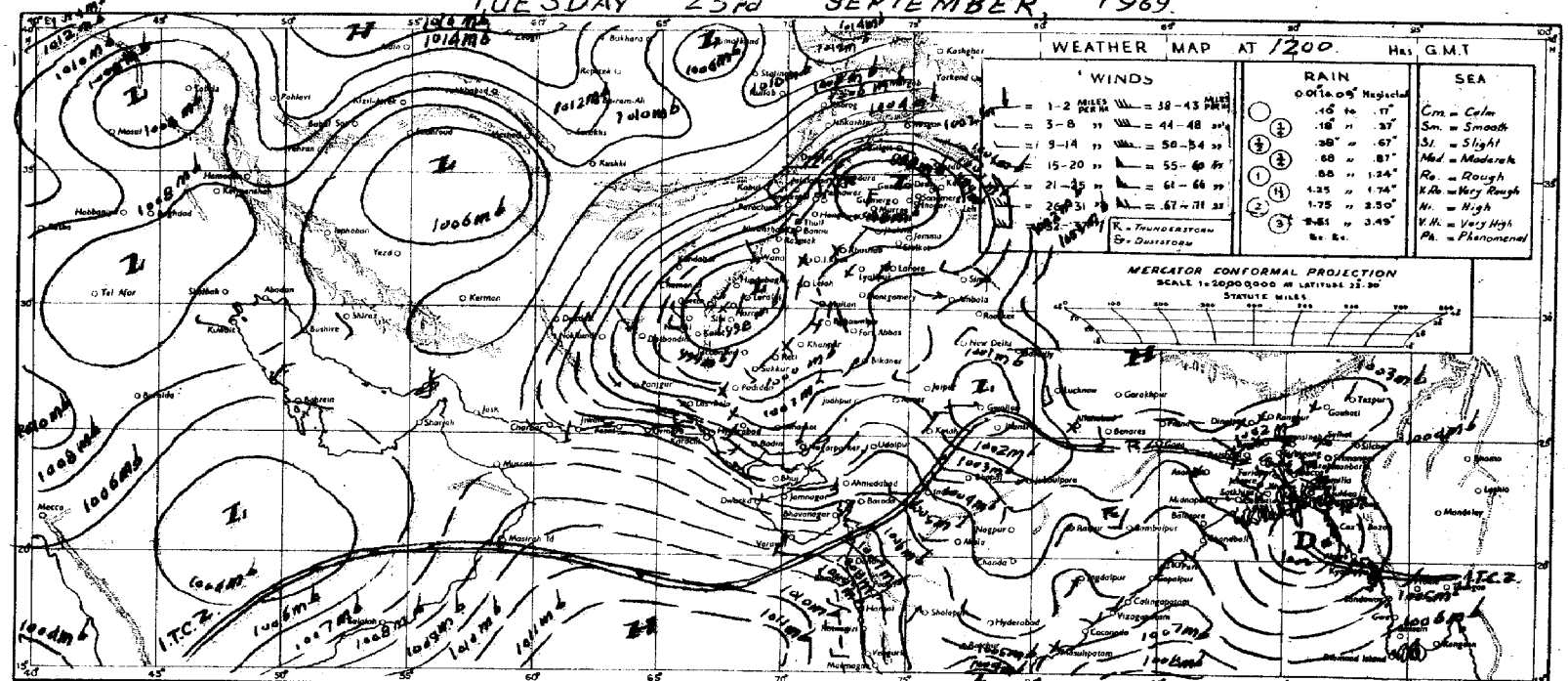
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
ff—Wind speed in knots.

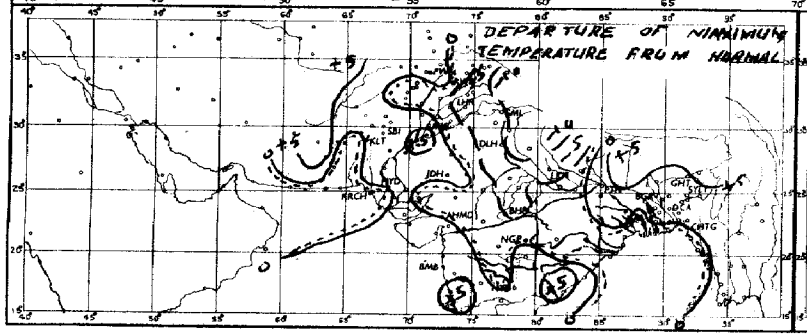
Cloud observation Data (Iffii Cdd V, V, etc.)

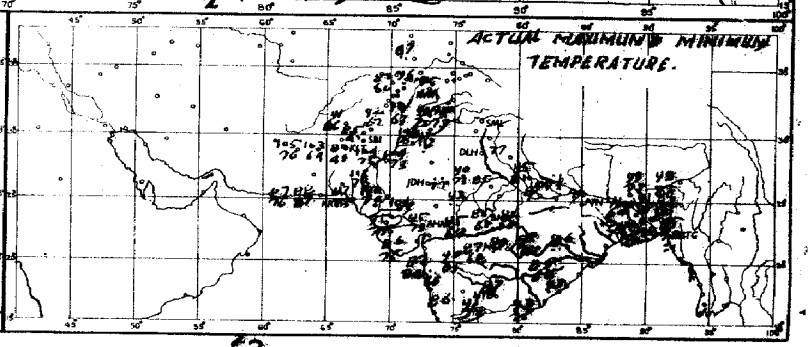
The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

TUESDAY 23rd SEPTEMBER 1969.



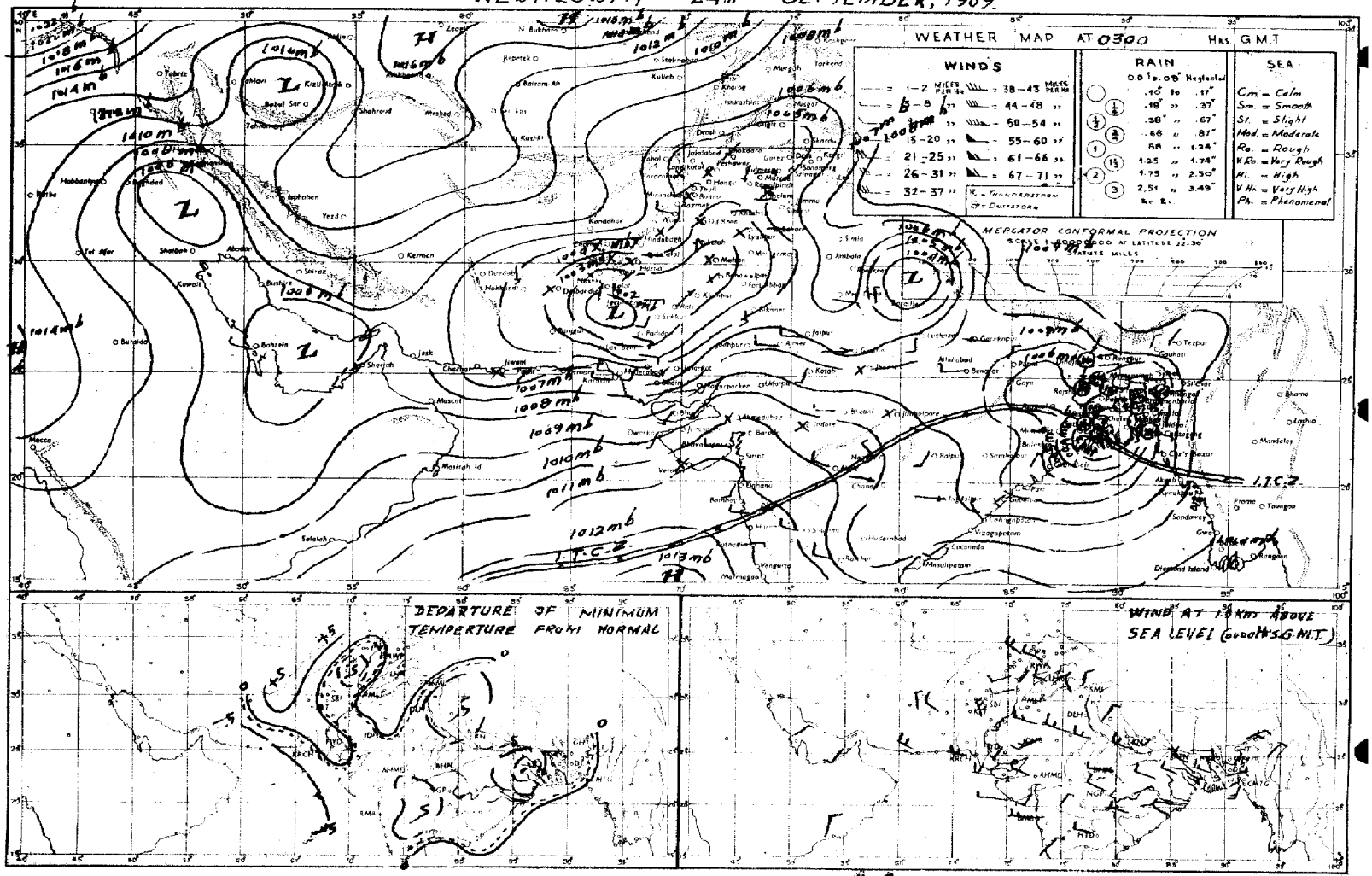




Rainfall amounts indicated in the above chart refer to past 12 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 24th SEPTEMBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No, 23

THURSDAY THE 25th SEPTEMBER 1969.

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

Yesterday morning's depression moved north west wards and was centred at 24,1200 G.M.T. 40 miles north west of Faridpur. Obseravations are lacking but believe last evening's depression remained practically stationary and is centred at 25,0300 G.M.T. close to Faridpur. It is likely to move in a north north westerly direction. Monsoon has been Nigarous over East Pakistan. Rain/thundershowers have been fairly widespread, with locally heavy to very heavy falls over Khulna, Chittagong and Dacca divisions and local in Rajshahi division. The well marked low over Uttar Pradesh has become unimportant. The westerly low pressure wave over northern parts of West Pakistan is moving across Kashmir. The seasonal low over Quetta and Kalat divisions persists. Scattered thunderstorms/showers have occurred in Rawalpindi and Peshawar divisions. Weather remained dry elsewhere over West Pakistan.

Chief amounts of rainfall are : Satkhira 8", Cox's Bazar, Maijdee Court, Narayanganj, Dacca, 2" each, Barisal (upto 0000Z) 1¼", Rajshahi 3/4", Rangamati, Chittagong, Brahmanbaria, Sylhet, Haripur ½" each, Sirajgang, Dinajpur ¼" each.

Day temperatures were 3 – 6 °F (2—3 °C) below normal in Hyderabad and Khairpur divisions and were 7—12 °F (4—7 °C) so over East Pakistan and were 3—6 °F (2—3 °C) above normal in Peshawar and Quetta divisions.

Forecast valid until the evening of 26th September 1969 :— Rain/thundershowers will be widespread with locally heavy to very heavy falls over East Pakistan. Thunderstorm/showers will be scattered in Rawalpindi division. Weather will remain dry elsewhere over West Pakistan.

Karachi-11
The 25th September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 12 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Ww	Total cloud amount N	Wind direction in tens of degrees dd	Winds speed in Knots ff	Horizontal visibility† VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature ° TT	Amount of Lowest Cloud † Nh	Low Clod from † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud from † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx	At 0300 Hrs. G. M. T. of date: Rainfall in Cents RRR	Past weather commenced at † Ww	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in konts ff	Horizontal visibility † VV	Present weather † ww	Past Weather W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature TT	Amounts of Lowest Cloud † h	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum temperature TnTe	Departure from Normal of: Maximum temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 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	042	5	7	18	13	98	02	6	054	80	6	7	5	7	/	73	82	052	2	4	18	07	97	03	6	031	75	4	5	5	0"	75	//	—	/	92.7	—	98.2	
	Cox's Bazar	014	1	8	15	08	95	50	6	051	77	5	7	3	2	0	76	80	209	9	8	15	12	94	95	9	071	75	8	7	3	2	0	73	75	— 7	— 3	77.2	—29.6	84.9	140
	Chittagong	028	6	9	13	12	96	02	6	051	77	5	5	4	2	0	76	78	034	4	8	13	07	96	60	6	070	75	4	6	3	2	/	73	75	— 9	— 1	53.8	—21.8	103.1	108
	Maijdee Court	436	9	8	18	13	94	08	6	074	85	6	4	5	2	0	73	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1	...	...	...	...	115
	Comilla	080	6	7	13	09	96	02	6	037	77	7	4	4	/	/	76	80	201	2	7	13	09	96	02	6	051	75	7	4	4	/	/	75	78	— 8	— 4	82.4	+20.6	997.7	94
	Brahmanbaria	000	0	6	09	07	96	03	1	038	86	6	5	5	0	0	73	85	052	0	7	13	12	96	03	1	047	79	4	5	5	2	0	75	73	—	—	41.1	— 5.6	50.0	78
	Sylhet	053	3	8	23	12	96	62	6	048	77	5	7	3	2	/	76	91	068	9	6	09	03	96	01	6	068	81	5	5	4	3	0	75	77	—	—	115.0	—	143.0	
	Srimangal	028	9	6	09	04	96	03	9	051	80	4	9	4	3	2	73	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4	...	...	...	...	98
Dacca	Mymensingh																																								91
	Narayanganj	015	9	8	09	14	95	50	6	019	78	9	7	3	/	/	76	78	178	3	8	13	06	97	50	6	023	77	8	7	3	/	/	77	75	— 11	— 4	45.9	— 1.3	68.3	74
	Dacca (Tejgaon)	032	9	8	13	13	96	61	6	017	77	6	7	3	2	/	76	90	186	9	8	13	09	93	63	6	020	75	7	7	2	2	/	75	75	—	—	48.6	—	59.7	—
	Faridpur	017	7	8	13	07	96	02	6	987	78	7	5	4	1	0	73	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 0	...	...	...	...	71
Khulna	Barisal																																								81
	Khulna																																								68
	Satkhira	085	2	8	31	07	97	80	6	095	77	8	7	5	0	0	76	77	777	1	8	23	08	97	80	6	031	75	8	7	4	0	0	75	75	— 12	— 2	54.0	+ 7.2	59.2	65
	Jessore																																								65
Rajshahi	Pabna	022	0	5	05	05	96	01	6	012	76	8	7	6	/	/	76	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	59
	Sirajgan	015	4	8	09	03	97	02	2	026	78	8	7	8	0	0	76	80	029	9	8	09	05	97	02	2	033	77	8	0	7	/	0	73	75	— 1	— 3	38.3	— 5.4	45.9	64
	Rajshahi	024	9	8	36	02	95	03	6	029	77	8	8	7	5	/	76	80	081	9	8	36	05	94	60	6	029	75	3	7	4	/	/	75	75	— 8	— 3	31.3	—	65.4	—
	Bogra	044	1	8	05	03	96	65	6	032	77	6	4	3	2	0	76	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3	...	...	...	...	69
	Dinajpur	000	9	5	09	02	96	01	1	037	85	5	0	0	9	2	/	87	023	3	7	09	02	96	02	2	058	81	7	5	6	/	/	73	75	— 1	— 2	6.2	+ 7.5	65.0	73
	Rangpur	000	0	7	00	00	96	03	2	029	87	2	4	6	0	0	78	91	006	8	7	09	02	96	21	6	074	87	7	5	6	0	0	81	79	—	—	57.0	— 2.7	75.5	84
Kashmir	Jammu																																								—
Lahore	Lahore (Intl Rd.)	000	0	4	00	00	96	02	0	024	93	3	4	6	3	0	72	95	000	0	0	00	00	95	05	8	054	82	0	0	9	0	0	73	77	— 3	+ 7	13.4	— 1.0	17.8	19
	Sialkot																																		73						32
Rawalpindi	Jhelum	000	0	6	10	32	97	03	1	018	90	3	3	6	0	1	70	93	000	0	4	36	03	96	03	1	057	81	4	9	6	0	0	73	54	—	—	22.0	—	30.3	—
	Islamabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	2	8	11	16	96	03	9	091	56	4	9	6	0	0	48	54	—	—	12.6	—	20.7	—
	Rawalpindi	000	0	5	09	02	98	02	2	020	87	2	0	9	4	8	64	95	017	4	8	36	02	98	75	9	070	69	8	6	5	0	0	64	69	+ 2	+ 2	18.7	— 4.6	28.6	36
	Campbellpur																																								—
Sargodha	Khushab	000	0	0	27	11	97	00	0	995	96	0	0	0	0	0	85	59	000	0	0	00	11	98	00	0	049	82	0	0	9	0	0	75	75	— 1	+ 1	3.8	— 6.3	7.2	13
	Sargodha	000	0	1	09	02	97	02	8	033	95	0	7	6	0	1	77	56	000	0	1	00	00	96	04	0	054	81	0	0	9	0	0	73	75	—	—	16.5	—	20.1	—
	Lyallpur	000	8	0	00	00	96	00	0	018	91	0	0	9	0	8	64	00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2	...	...	...	...	12
Multan	Sahiwal																																								10
	Multan	000	0	0	00	00	97	02	0	012	98	0	0	9	0	0	60	98	000	0	0	18	02	97	02	8	049	81	0	0	9	0	0	65	74	— 0	— 1	8.0	+ 3.1	11.0	7
	Lodhi	000	0	0	18	02	94	00	0	037	96	0	0	9	0	0	70	96	000	0	0	23	02	99	00	0	068	84	0	0	9	0	0	65	73	—	—	1.0	—	2.7	8
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	007	98	0	0	9	0	0	68	98	000	0	0	23	05	96	02	0	044	79	0	0	9	0	0	68	73	— 3	+ 1	0.2	— 4.0	1.1	6
	Bahawalpur	000	0	0	00	00	96	00	0	017	98	0	0	9	0	0	68	00	000	0	0	00	00	96	00	0	047	82	0	0	9	0	0	73	75	+ 1	+ 1	0.7	— 3.5	2.0	6
	Fort Abbas	///	/	0	23	02	80	00	0	004	11	0	0	9	0	0	93	11	///	/	0	23	02	98	00	0	066	81	0	0	9	0	0	73	77	—	—	0.7	—	0.8	8
Peshawar	Chakdra	000	0	2	36	02	98	03	0	994	87	2	1	1	7	0	64	91	000	0	1	05	03	98	01	0	055	73	1	0	9	3	0	69	64	—	—	7.2	—	16.6	—
	Peshawar	000	0	1	13	02	97	02	0	009	93	1	1	6	0	1	59	95	020	0	0	00	00	96	02	0	060	77	0	0	9	0	0	64	73	+ 1	+ 1	4.7	+ 0.4	13.4	11
	Haripur	000	0	0	13	03	97	00	0	987	95	0	/	/	/	/	//	//	061	2	7	05	05	96	03	6	095	62	7	7	6	0	0	60	62	—	—	78.8	—	18.5	—
D. I. Khan	Bannu	000	0	3	18	02	99	02	8	008	95	3	2	7	0	0	59	96	000	0	0	00	00	99	00	8	052	77	0	0	9	0	0	69	73	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	007	77	0	0	0	0	0	70	98	000	0	5	03	02	97	00	0	048	81	0	0	9	0	0	75	77	— 1	+ 4	3.5	— 1.8	6.0	9
Quetta	Sibi	000	0	0	18	03	97	02	0	988	09	0	0	9	0	0	69	18	000	0	0	00	00	97	02	0	045	78	0	0	9	0	0	52	77	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	31	14	96	00	2	012	97	0	0	0	0	0	31	99	000	0	0	36	09	96	02	0	073	78	0	0	9	0	0	45	71	—	—	0.0	—	0.3	3
Kalat	Turbat	000	0	0	27	02	96	00	0	914	00	0	0	0	0	0	61	00	000	0	0	23	02	96	00	0	934	78	0	0	9	0	0	72	79	—	—	0.2	—	0.2	—
	Jiwani	000	0	0	13	09	96	01	0	043	85	0	0	9	0	0	77	88	000	0	5	13	07	96	01	2	077	79	5	6	4	0	0	77	78	—	—	0.0	—	2.0	5
	Pasni																																								6
Karachi division	Ormara																																								6
	Lasbela	///	0	3	13	02	98	00	0	031	95	0	0	0	0	0	73	98	///	0	3	00	00	98	00	0	068	79	0	0	8	0	0	73	69	—	—	0.7	—	0.7	8
	Karachi (Manora)	000	0	2	25	09	96	02	0	056	79	2	6	4	0	0	73	82	000	0	7	27	07	96	03	2	078	78	7	6	4	/	/	74	74	— 3	— 2	1.0	— 5.0	1.1	8
	Karachi (Airport)	000	0	5	27	12	96	02	2	056	83	5	6	5	0	0	73	87	000	0	7	25	05	96	03	1	078	79	7	6	5	0	0	73	75	— /	—	1.5	—	1.5	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	068	03	0	0	0	0	0	03	04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	—
	Chhor	000	0	0	23	21	95	07	0	026	91	0	0	0	0	0	69	94	000	0	4	23	17	95	03	0	063	38	4	6	5	0	0	31	///	—	/	0.2	—	0.3	7
	Hyderabad	000	0	0	23	12	96	07	0	034	92	0	0	0	0	0	71	98	000	0	1	23	07	97	03	0	061	79	1	6	5	0	0	73	76	— 0	+ :	0.2	— 5.7	0.3	9
	Badin	000	0	0	23	17	96	02	0	043	89	0	0	9	0	0	68	92	000	0	0	23	08	96	02	0	067	77	0	0	9	0	0	71	75	— 3	—	0.3	— 6.8	0.3	—
Khairpur	Padidan	000	0	0	05	02	97	02	0	027	04	0	0	0	0	0	40	08	000	0	0	13	05	97	02	0	038	78	0	0	9	0	0	69	73	—	—	0.8	—	0.8	—
	Nawabshah	000	0	0	18	10	96	C6	0	016	01	0	0	0	0	0	65	05	000	0	0	13	05	96	02	0	046	79	0	0	9	0	0	70	73	—	—	1.1	—	1.1	4
	Sukkur	000	0	0	13	02	96	02	0	993	05	0	0	0	0	0	70	04	000	0	0	13	05	96	02	0	043	78	0	0	9	0	0	72	75	—	—	0.1	—	0.1	—
	Kashmore	000	0	0	18	02	98	02	0	00	97	0	0	9	0	0	71	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
	Jacobabad	000	0	0	13	07	97	02	0	003	97	0	0	9	0	0	72	98	000	0	0	07	09	96	02	0	044	78	0	0	9	0	0	72	75	— 4	0	0.5	— 1.8	6.8	10
unagadh	Veraval																																								26
	HILL STATIONS																																								—
Kashmir	Srinagar **																																								71
	Gulmarg **																																								26
	Sonamarg **																																								—
	Dras **																																								3
	Leh **																																								6
	Skardu **																																								—
	Misgar **																																								—
	Aliabad **																																								5
	Gilgit **																																								39
Rawalpindi	Murree **	000	0	5	27	03	98	02	1	464	66	2	1	4	1	9	54	72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2	...	...	...	...	18
Peshawar	Drosh	000	0	1	23	09	99	02	0	436	86	1	1	7	0	0	67	93	000	0	0	00	00	98	02	0	992	64	0	0	9	0	0	41	62	—	—	3.1	—	14.3	29
	Chitral **	000	0	0	36	06	98	00	0	469	82	0	0	9	0	0	43	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2	...	...	...	...	—
	Kakul **	000	0	3	23	05	98	03	0	464	80	3	2	6	0	0	51	82	000	0	7	13	05	97	03	9	991	64	7	3	5	0	0	35	62	—	—	16.0	—	26.7	—
	Landikotal **	000	0	0	31	05	98	02	0	273	86	0	0	9	0	0	81	91	000	0	0	36	02	98	02	0	219	75	0	0	9	0	0	73	47	—	—	6.3	—	2.6	29
	Parachinar **	000	0	1	13	05	98	02	0	461	78	1	1	6	0	0	34	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6	...	...	...	...	13
D.I. Khan	Miranshah **	000	0	0	05	05	99	00	0	453	90	0	0	9	0	0	59	91	000	0	0	05	04	99	00	0	493	75	0	0	9	0	0	56	//	—	/	0.5	— 4.2	2.0	11
	Wana **	000	0	0	00	00	99	00	0	454	86	0	0	0	0	0	51	87	000	0	0	00	00	99	00	0	491	73	0	0	9	0	0	65	//	—	/	1.2	—	4.1	11
Quetta	Fort Sandeman **	000	0	1	00	00	//	//	/	480	30	1	1	7	0	0	98	91	000	0	0	00	00	97	02	0	468	68	0	0	9	0	0	50	65	— 1	+ 2	2.2	— 2.8	6.5	—
	Hindubagh **	000	0	0	23	03	97	02	0	428	79	0	0	9	0	0	54	82	000	0	0	00	00	97	02	0	519	58	0	0	9	0	0	41	52	—	—	2.7	—	6.0	9
	Loralai **	000	0	0	18	02	98	00	0	398	85	0	0	9	0	0	55	87	000	0	0	18	02	//	18	0	305	60	0	0	9	0	0	65	//	—	/	0.6	—	0.6	—
	Barkhan **																																								14
	Harnai **	000	0	8	00	00	96	02	0	435	96	0	0	0	0	0	46	96	000	0	0	00	00	96	02	0	452	75	0	0	9	0	0	06	17	—	/	4.0	— 3.4	5.6	9
	Samungli (Quetta) **	000	0	0	27	05	97	02	0	461	85	0	0	9	0	0	46	90	000	0	0	00	00	96	02	0	489	56	0	0	9	0	0	33	48	—	—	0.5	— 0.5	3.1	8
	Chaman **	000	0	0	27	05	97	00	0	461	89	0	0	9	0	0	39	91	000	0	0	13	03	97	00	0	487	72	0	0	9	0	0	41	//	+ 2	—	2.1	+ 2.0	4.8	—
	Nushki **	000	0	0	31	05	97	02	0	523	96	0	0	9	0	0	63	97	000	0	0	00	04	97	02	0	519	78	0	0	9	0	0	41	74	—	—	0.5	—	2.6	4
	Dalbandin **	000	0	0	23	05	97	02	0	473	97	0	0	9	0	0	10	01	000	0	0	13	02	97	02	0	471	70	0	0	9	0	0	23	62	+ 3	+ 4	0.0	— 0.2	0.5	7
Kalat	Kalat **	000	0	0	31	03	96	02	0	463	76	0	0	9	0	0	51	79	000	0	0	18	02	97	02	0	483	59	0	0	9	0	0	42	48	— 2	+ 2	0.8	— 0.4	2.2	—
	Khuzdar **	000	0	0	31	07	97	02	0	452	92	0	0	9			12	94	000	0	0	27	02	96	02	0	471	72	0	0	9	0	0	55	67	—	—	1.8	—	3.2	5
	Panjgur **														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 factual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 25th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_N$	D_sV_sa PP	7RR t_at_a	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{w1}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

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
		PoPo'o ToTo'To DoDo	hhh TTT, DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	002 244 16	...	450 188 22	112 104 29	584 035 36	757 145 56	970 295 64	245 521 //	...	...	...	...	...
Dacca	00 00	000 254 20	...	350 150 45	015 109 59	578 041 60	741 133 60	965 283 62	243 507 //	...	...	...	...	...
Gilgit														
Jiwani														
Karachi	00 00	038 250 39	...	430 205 //	122 174 31	591 020 //	968 085 //	975 195 //	261 401 //	...	...	...	...	...
Multan	00 00	989 240 40	...	550 290 //	158 100 //	568 091 //	755 211 //	961 335 //	237 495 //	...	...	...	...	...
Peshawar	00 00	964 224 57	...	400 210 58	891 080 59	579 081 60	748 211 //	954 341 //	231 453 //	...	...	...	...	...
Quetta	00 00	819 162 46	...	...	106 084 //	579 085 //	749 187 //	959 293 //	244 369 //	...	...	...	...	...
Sargodha	00 00	991 250 58	...	450 260 63	219 114 58	592 085 //	762 185 //	972 291 //	254 391 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T, DD									Max. Wind Speed	TROPOPAUSE	
											PmPmPm dmdm fmfmfmfm	$P_tT_tP_tT_tT_{tt}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	900 210 20	800 160 25	600 030 23	350 205 57	...	...	...	...	...	...	...	...
Dacca	00 00	900 184 40	800 140 50	600 032 59	350 197 60	...	...	...	...	...	...	...	...
Gilgit													
Jiwani													
Karachi	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Sargodha	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds tens and units of millibars.
DD—Dew point depression.

hhh—(heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C
Ta—Approximate tenth value in (0 °C) even values indicate positive and odd values indicate negative temperatures.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T† of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T.† of date(dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T.† of date (dd ff) .3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	090 16	090 06	/// //	090 12	...	...	...	...	...	...	No	Ascent				090 32	095 15	...	...	...	...	...	...	...	...	...
Chaklala		115 08	175 06	230 05	310 09	295 04	280 17	...	...	...	130 01	160 07	145 01	160 07	...	...	315 05	325 08	/15 09	255 08	...	...	...	...	...
Chhor	235 24	230 30	225 27	...	...	...	...	...	...	245 19	245 22	225 25	210 23	...	...	225 17	230 14	235 14	245 12	280 12	...	...	...	...	...
Chittagong	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	No	Ascent	...	...	...	...	...	...	...	160 10	170 27	180 35	195 37	...	...	...	No	Ascent	...	...	...	...	...	...	...	...
Dacca	130 21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	110 12	160 29	170 35	...	...	...	...	...	...	...	...
Dalbandin	...	...	290 16	315 19	320 20	315 14	310 16	310 27	305 37	...	...	255 15	300 21	305 96	325 22	...	...	260 08	295 13	305 09	133 02	310 14	340 21	330 26	...
D. I. Khan	155 06	135 06	135 08	140 12	145 13	150 11	260 19	280 24	290 23	120 10	135 11	135 10	135 07	135 05	008 02	055 09	060 07	070 04	090 04	125 06	125 04	265 06	260 09	250 09	...
Drosh	...	...	...	235 11	200 11	205 10	110 04	315 06	130 11	...	...	...	125 01	055 02	355 04	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	210 08	230 05	310 06	275 11	300 19	300 26	...	...	...	080 01	305 05	305 19	...	...	...	325 02	325 09	300 07	230 22	210 26	205 27	...
Jacobabad	120 13	015 04	010 05	010 07	345 06	245 10	260 11	320 15	310 20	120 13	185 05	210 05	235 06	295 04	275 07	...	...	...	...	...	...	...	...	...	...
Jessore	No	Ascent	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum	115 05	130 06	135 07	240 09	265 09	295 15	280 20	290 23	280 21	...	...	...	...	...	...	215 12	120 11	265 04	295 06	350 15	355 27	...	...	...	...
Jiwani	170 03	085 04	095 03	125 07	105 10	055 09	030 12	350 13	345 21	113 07	105 05	025 04	...	...	...	120 09	110 08	105 10	100 14	355 07	030 93	025 15	330 12	315 15	...
Karachi	245 13	250 15	...	...	...	...	...	...	...	...	...	...	...	...	...	250 27	260 20	275 16	...	...	...	...	...	...	...
Khanpur	230 07	220 08	225 08	255 05	280 06	345 07	340 12	285 15	265 15	185 10	170 10	190 13	225 10	240 13	250 15	200 15	200 14	200 17	185 17	215 13	230 09	220 12	215 25	210 21	...
Lahore	070 02	080 01	085 01	185 01	205 02	290 08	305 20	305 17	...	155 06	165 09	140 07	040 03	295 10	305 04	008 02	020 03	020 03	020 07	005 14	085 15	315 14	...	...	...
Multan	090 06	110 03	/// //	130 08	210 07	230 12	275 15	295 19	295 25	160 04	205 01	170 03	280 12	280 17	295 19	240 05	225 06	190 05	065 07	013 01	320 09	245 32	255 23	240 21	...
Nawab Shah	190 09	225 03	285 03	300 09	275 11	220 04	315 25	320 24	330 49	005 03	305 02	250 05	325 02	005 07	300 10	180 08	040 06	300 10	310 10	/// //	295 08	290 07	300 15	250 20	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	110 04	150 05	170 11	215 06	255 07	285 23	295 23	295 31	...	335 15	310 09	310 09	211 //	300 //	...	010 08	345 10	335 08	305 10	290 14	260 13	280 22	280 37	...
Quetta					295 08	270 07	315 08	285 17	295 04																
Sargodha	115 05	150 03	150 05	160 07	190 09	260 17	305 20	300 20	295 19	125 09	140 06	105 09	360 09	355 06	310 09	040 02	110 03	100 05	080 05	050 10	350 06	285 12	270 19	285 21	...
Sylhet	No	Nscent	...	...	...	...	...	...	...	110 17	110 15	130 19	...	140 19	...	080 17	170 13	121 6/	142 4/	170 30	...	...	...	...	...
Vartaval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	120 39	145 39	180 39		104 51		135 41		150 27									
Karachi	260 17	265 51	260 16	260 16	295 16	010 15	350 28	325 17	355 19	...	...	...	...	...	...	...	...	...
Peshawar																		
Quetta																		

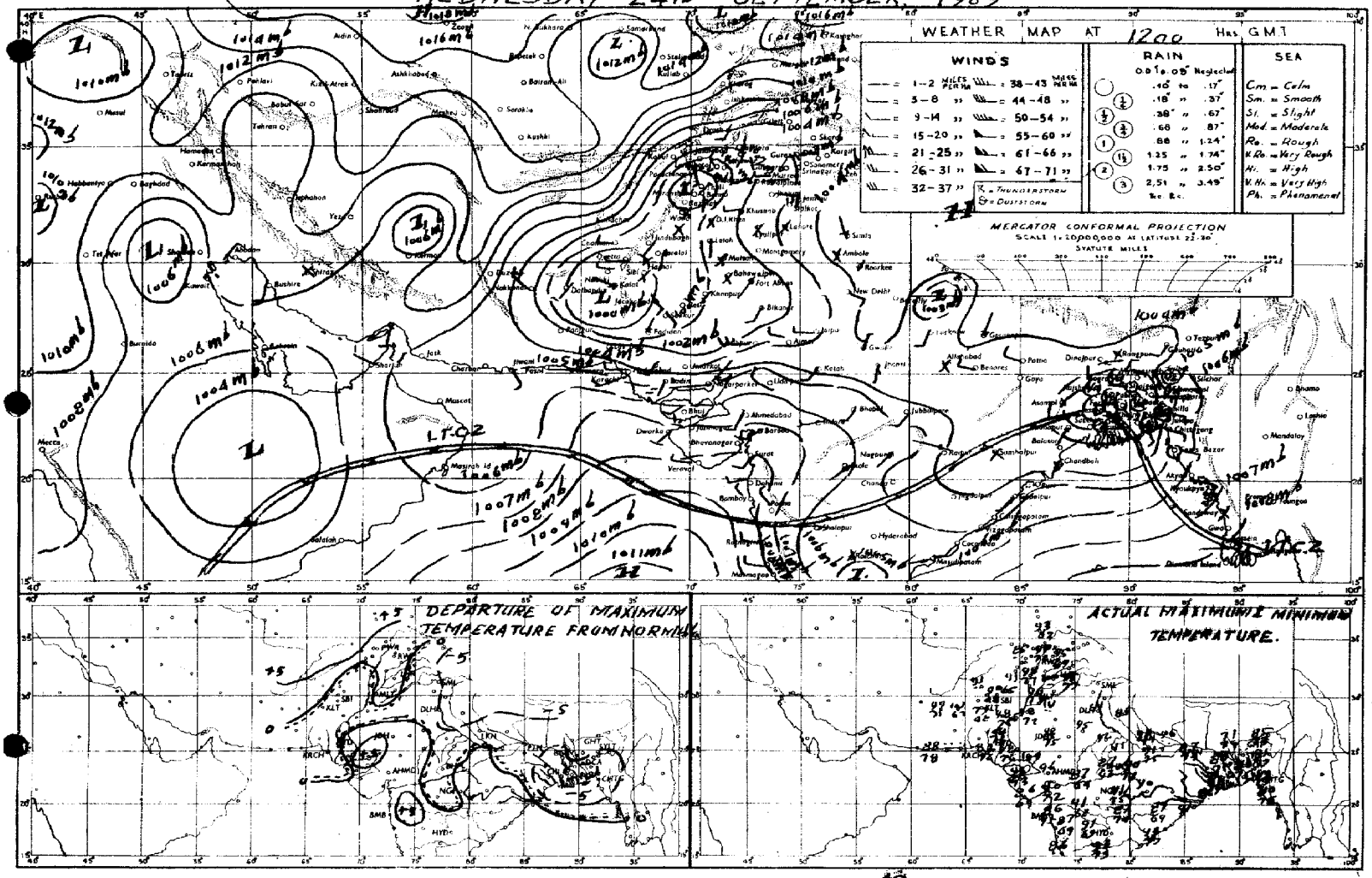
*The first two figures in each column give the wind direction "dd" in tens of degree zoneing from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundr figures for wind speed "ff" is omitted.
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

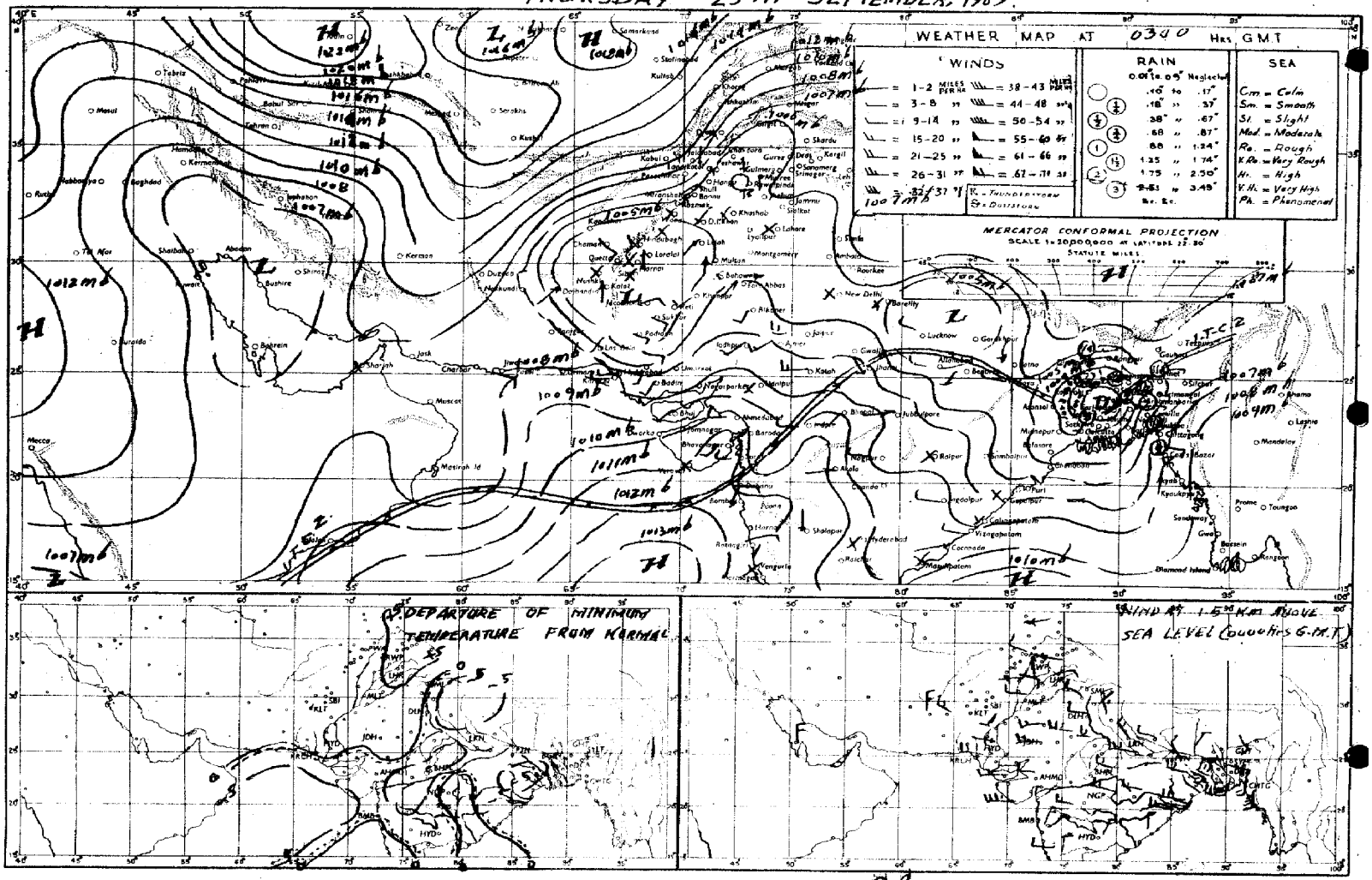
WEDNESDAY 24th SEPTEMBER 1969



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 25TH SEPTEMBER, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

FRIDAY THE 26th SEPTEMBER 1969.

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

Yesterday morning's depression moved north north west wards depened and was centred at 25,1200 G.M.T. close to Rajshahi. Obseravations lacking but believe it moved in the same direction, weakned and lies at 26,0300 G.M.T. with its centre about 50 miles south west of Dinajpur. It is likely to continue moving in the same direction and weaken further. Monsoon remained active over East Pakistan and caused fairly widespread to widespread rain/thundershowers in the province with isolated heavy to very heavy falls in Khulna and Rajshahi divisions. A westerly low pressure wave lying north Afghanistan last evening is now moving across East Russian-Turkistan and has accentuated the seasonal trough of low pressure lying over Quetta and Kalat divisions. Thunderstorms/light showers have occurred at a few places in Rawalpindi, Sargodha and Peshawar divisions.

Chief amounts of rainfall are : Khulna 5", Pabna 3", Maijdee Court, Jessore, Sirajgang 2" each, Cox's Bazar, Mymensingh, Narayanganj and Satkhira 1¼" each, Comilla, Faridpur and Rangpur 1" each, Dacca 3/4" and Chittagong, Sylhet, and Barisal ½" each.

Day temperatures were 2—3 °F (1—2 °C) above normal in Multan and Quetta divisions and were 3—8 °F (2—4 °C) below normal in Quetta, Rawalpindi, Sargodha, Hyderabad and Khairpur divisions and 9—11 °F (5—6 °C) so in Chittagong, Khulna, Rajshahi and D. I. Khan divisions.

Forecast valid until the evening of 27th September 1969 :— Fairly widespread rain/thundershowers are likely to occur in East Pakistan. Weather is likely to be dry in West Pakistan.

Karachi-11
The 26th September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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 °	Amounts of Lowest Cloud †	Low Cloud from †	Height of Lowest Cloud †	Medium Cloud from †	High Cloud from †	Dewpoint temperature °F	Maximum temperature °F	At 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths) °	Dry Bulb temperature	Amounts of Lowest Cloud †	Low Cloud form †	Height of lowest Cloud †	Medium Cloud from †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Ws	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Ws	N	dd	ff	VV	ww	W	PPP	TT	h	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	035	81	7	18	05	58	21	6	069	75	6	7	5	7	/	73	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				
	Cox's Bazar	173	9	8	13	09	96	60	6	056	75	6	3	3	2	0	73	78	174	9	6	13	10	96	03	6	083	73	1	8	5	1	2	72	73	— 9	— 2	79.0	—29.0	86.6	140
	Chittagong	024	9	7	13	10	96	01	6	053	73	5	3	4	2	0	73	76	024	9	7	13	08	96	02	5	082	80	5	9	4	3	0	73	73	— 11	— 3	54.1	—22.0	109.3	108
	Maijdee Court	064	9	8	18	09	94	03	6	029	77	5	5	4	5	2	76	90	234	9	8	16	02	95	63	6	068	77	5	5	4	2	1	75	75	+ 1	— 2	—	—	—	115
	Comilla	020	2	8	13	05	96	02	2	035	73	4	4	5	2	0	72	80	120	7	7	10	35	96	02	6	069	81	7	4	4	/	/	74	75	— 8	— 3	83.5	+21.5	101.0	94
	Brahmanbaria	000	8	6	18	10	97	03	1	032	80	4	5	5	2	0	73	84	016	9	6	18	03	97	03	6	071	80	3	5	5	0	0	75	75	— —	— —	41.3	— 5.7	50.8	78
	Sylhet	060	0	6	09	05	96	02	2	037	81	5	5	4	2	0	75	88	023	6	6	05	05	96	02	6	078	82	4	5	4	3	0	77	73	— —	— —	116.0	—	143.8	—
	Srimangal	000	0	6	00	00	96	02	0	039	80	3	5	5	7	2	73	86	000	0	6	00	00	96	02	0	081	81	3	5	5	7	2	73	75	— 5	+ 1	—	—	—	98
Dacca	Mymensingh	005	2	7	13	04	96	02	2	029	80	7	4	4	0	0	73	94	160	2	7	13	02	96	60	5	070	77	7	5	4	0	0	74	75	+ 7	— 2	—	—	—	91
	Narayanganj	133	9	8	13	02	93	50	6	015	78	8	7	3	/	/	77	80	154	0	8	13	06	97	03	2	063	80	8	6	4	/	/	77	75	— 9	— 3	47.4	— 0.0	69.8	74
	Dacca (Tejgaon)	094	9	8	18	15	96	61	6	015	79	6	7	3	2	/	77	90	086	9	7	13	09	97	01	6	056	81	5	8	4	2	0	75	75	— —	— —	49.4	—	60.5	—
	Faridpur	058	8	8	16	07	96	61	6	991	75	4	5	4	1	0	74	79	114	3	8	16	05	97	02	2	053	82	4	4	5	1	0	75	75	— 8	— 3	—	—	—	71
Khulna	Barisal	064	9	8	18	09	94	03	6	029	77	5	4	5	2	0	77	90	032	9	7	13	03	//	//	/	061	81	5	4	4	2	0	75	75	+ 3	— 3	—	—	—	81
	Khulna	275	9	8	18	05	97	03	6	024	76	8	5	5	/	/	75	84	475	9	2	00	00	97	03	0	034	80	2	2	4	0	0	79	75	— 4	— 2	—	—	—	68
	Satkhira	145	2	8	18	03	97	50	6	016	77	8	6	5	/	/	75	79	155	6	3	18	03	97	02	1	088	80	3	3	7	1	1	75	75	— 10	— 1	55.5	+10.4	60.7	65
	Jessore	138	9	8	18	13	96	61	9	998	75	6	7	2	/	/	75	77	186	9	5	19	10	97	02	6	045	79	4	0	9	7	8	75	75	— —	— —	—	—	—	65
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	332	9	8	13	09	97	01	6	038	79	8	0	7	9	7	76	24	— —	— —	—	—	—	59
	Sirajgan	140	7	8	09	05	97	02	6	012	77	/	/	/	/	/	75	88	232	9	8	18	02	97	02	2	042	81	2	0	7	1	0	77	77	+ 1	— 0	40.6	— 3.4	48.2	64
	Rajshahi	040	9	9	36	07	94	60	6	065	76	8	7	4	/	/	75	77	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 11	— —				
	Bogra	113	6	8	09	13	96	61	6	998	77	6	7	3	2	/	75	78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 10	— —				59
	Dinajpur	012	2	8	09	02	96	67	6	021	75	8	5	6	/	/	74	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	—				72
	Rangpur	008	1	7	00	00	96	21	2	031	86	7	5	6	0	0	79	90	116	9	7	05	05	96	61	6	044	82	7	6	6	0	0	80	77	— 4	+ 1	58.1	— 2.1	76.6	84
Kashmir	Jammu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
Lahore	Lahore (Jail Rd.)	000	0	7	00	00	96	05	/	030	92	4	4	6	2	0	72	96	000	0	0	00	00	95	05	8	055	79	0	0	9	0	0	59	72	2	+ 4	13.4	— 1.0	17.8	19
	Sialkot	000	0	0	00	00	99	00	0	030	84	0	0	9	0	0	82	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	—				32
Rawal-pindi	Jhelum	000	6	8	31	02	97	02	9	029	82	5	9	6	/	/	63	96	000	9	0	23	02	97	02	1	050	75	0	0	9	0	0	60	67	—	—	22.0	—	30.3	—
	Islamabad																																									—
	Rawalpindi	002	9	7	18	03	98	03	9	032	80	7	5	9	0	0	60	90	002	0	0	00	00	98	00	2	054	70	0	0	9	0	0	63	65	— 3	0	18.7	— 4.5	28.8	36
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
Sargo-dha	Khushab	000	0	8	05	02	96	02	2	063	88	6	2	7	4	0	77	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 7	—				19
	Sargodha	000	3	7	09	09	96	17	6	051	84	5	9	6	2	0	74	95	000	0	0	20	03	96	05	9	055	75	0	0	9	0	0	63	67	— —	— —	16.5	—	20.1	—
	Lyallpur	000	8	4	36	02	96	02	0	038	54	4	3	5	0	0	75	99	000	9	0	00	00	96	00	9	055	73	0	0	9	0	0	47	70	+ —	0	—	—	—	12
Mul-tan	Sahiwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				10
	Multan	000	0	3	18	05	97	03	0	010	96	1	0	9	3	1	63	01	000	0	0	00	00	96	06	4	053	79	0	0	8	9	0	0	72	+ 3	— 1	8.0	+ 3.1	11.0	7
	Laiah	000	0	0	23	02	94	00	0	056	96	0	0	9	0	0	67	96	000	0	0	31	02	96	00	0	049	84	0	0	9	0	0	65	72	— 3	— 1	1.0	—	2.7	8
Baha-walpur	Khanpur	000	0	0	00	00	97	02	0	016	96	0	0	9	0	0	67	99	000	0	0	23	03	96	02	0	048	79	0	0	9	0	0	67	67	— 2	— 5	0.2	— 4.6	1.1	6
	Bahawalpur	000	0	0	00	00	96	00	0	026	96	0	0	9	0	0	77	92	000	0	0	00	00	96	02	0	051	82	0	0	9	0	0	72	75	— 0	+ 5	0.7	— 3.5	2.0	6
	Fort Abbas	///	/	0	23	02	98	00	0	997	12	0	0	9	0	0	93	12	000	0	0	23	02	98	00	0	068	80	0	0	9	0	0	72	77	— —	— —	0.7	—	0.9	8
Pesha-war	Chakdra	000	0	2	36	02	98	03	0	998	78	2	1	7	0	0	54	//	000	0	0	05	02	98	02	0	061	70	0	0	9	0	0	60	63	— —	— —	7.2	—	16.6	—
	Peshawar	000	0	6	00	00	97	03	1	017	81	1	0	6	3	0	67	95	020	0	0	00	00	96	05	0	023	77	0	0	8	9	0	58	70	+ 1	+ 3	4.7	+ 0.4	13.4	11
	Haripur	060	0	6	18	01	97	00	0	040	86	1	0	9	0	0	58	88	000	0	0	00	03	91	09	0	054	75	0	0	9	/	/	67	70	— —	— —	28.8	—	18.5	—
D. I. Khan	Bannu	000	0	5	13	03	97	02	3	019	84	5	2	7	0	0	60	95	000	0	6	00	00	98	03	2	052	78	0	0	9	4	5	65	72	— —	— —	0.6	—	4.5	11
	D. I. Khan	000	0	0	05	10	96	06	0	992	90	0	0	9	0	0	68	88	000	3	6	23	03	91	06	4	065	77	/	/	9	/	/	63	73	— 11	— 2	3.5	— 1.8	6.0	9
Quetta	Sibi	000	0	0	18	03	91	02	0	011	84	0	0	9	0	0	58	85	030	0	0	00	00	97	02	0	059	75	0	0	9	0	0	56	73	— —	— —	—	—	—	5
	Nokkundi	000	0	0	31	14	95	05	0	024	95	0	0	9	0	0	34	97	000	0	0	05	16	95	05	0	075	77	0	0	8	9	0	67	67	— —	— —	0.0	—	0.3	3
Kalat	Turbat	000	0	0	27	02	96	00	0	914	03	0	0	9	0	0	76	03	000	0	0	27	02	96	00	0	051	78	0	0	9	0	0	74	20	— —	— —	0.2	—	0.2	—
	Jiwani	000	0	0	18	09	96	01	0	055	83	0	0	9	0	0	63	97	000	0	5	18	05	96	01	0	077	78	5	6	4	0	0	74	75	— —	— —	0.0	—	2.0	5
	pasni	000	0	0	25	14	97	02	0	063	88	0	0	9	0	0	73	88	000	0	4	25	06	97	02	0	090	77	4	0	9	0	0	73	57	— 2	— —	—	—	—	6
Karachi division	Ormara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
	Lasbela	000	0	3	27	02	98	00	0	037	95	0	0	8	0	0	77	99	000	0	4	00	00	98	00	0	067	78	0	0	8	0	0	71	68	— —	— —	0.7	—	8.7	8
	Karachi (Manora)	000	0	5	25	09	96	03	1	056	81	5	6	4	0	0	74	84	000	0	4	27	07	96	03	2	074	78	6	6	4	0	0	74	75	— 1	— 1	1.0	— 5.0	1.1	8
	Karachi (Airport)	000	0	6	25	15	96	02	2	052	82	6	6	5	0	0	74	86	000	0	7	27	07	96	01	2	074	80	7	6	5	0	0	72	74	— —	— —	1.5	—	1.5	8
Hydera-bad	Nagarparker	000	0	0	05	02	97	02	0	068	03	0	0	0	0	0	03	04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—				7
	Chhor	000	0	0	23	19	95	07	0	048	00	0	0	0	0	0	67	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— —	— —				9
	Hyderabad	000	0	0	23	10	96	06	0	047	88	0	0	9	0	0	72	94	000	0	0	23	07	97	02	0	064	80	0	0	9	0	0	71	77	— 4	+ 2	0.2	— 5.0	0.3	9
	Badin	000	0	2	23	14	96	02	0	063	88	0	0	9	0	0	70	91	000	0	0	23	03	96	02	0	077	78	0	0	9	0	0	72	75	— 4	+ 1	—	—	—	8
Khairpur	Padidan	000	0	0	18	03	97	02	0	019	99	6	1	9	1	2	41	01	000	0	0	23	03	97	02	0	051	78	0	0	9	0	0	77	75	— —	— —	0.8	—	0.8	4
	Nawabshah	000	0	0	18	10	96	02	0	027	97	0	0	9	0	0	67	02	000	0	0	18	03	96	02	0	055	80	0	0	9	0	0	71	74	— —	— —	1.1	—	1.1	4
	Sukkur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	23	05	96	02	8	058	78	0	0	9	0	0	72	75	— —	— —	0.1	—	0.1	4
	Kashmore	000	0	0	18	02	98	02	0	041	96	0	0	9	0	0	71	98	000	0	4	18	02	98	03	0	053	82	0	0	9	0	0	70	74	— —	— —	—	—	—	4
	Jacobabad	000	0	0	18	05	97	02	0	019	95	0	0	9	0	0	71	97	000	0	0	13	05	96	02	0	050	79	0	0	9	0	0	73	76	— 5	+ 3	0.5	— 1.8	6.8	10
unegadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				26
	HILL STATIONS																																								
Kashmir	Srinagar **	...																																							71
	Gulmarg **	...																																							26
	Sonamarg **	...																																							3
	Drae **	...																																							6
	Leh **	...																																							—
	Skardu **	...																																							—
	Misgar **	...																																							—
	Altabad **	...																																							5
	Gilgit **	...																																							59
Rawalpindi	Murree **	000	0	8	27	03	98	03	1	476	63	8	5	4	/	/	58	72	000	0	0	27	03	98	00	1	456	63	0	0	9	0	0	45	56	+ 2	+ 3	—	—	—	18
Peshawar	Drosh **	000	0	5	23	10	97	01	1	440	84	2	2	7	6	0	51	90	000	0	1	00	00	98	01	0	478	64	1	0	9	0	0	45	64	— —	+ 4	3.1	—	14.3	29
	Chenar **	000	0	5	36	09	97	03	0	461	77	5	3	7	6	0	59	84	000	0	0	36	01	98	00	0	468	70	0	0	9	0	0	52	//	— 0	/	—	—	—	—
	Kakul **	000	0	3	31	03	97	01	1	474	80	3	2	7	6	0	54	81	000	0	0	23	03	99	02	0	472	72	0	0	9	0	0	52	64	— —	— —	16.0	—	26.7	—
	Landikotal **	000	0	6	31	05	98	03	0	281	82	6	7	6	/	/	54	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				29
	Prachinar **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	00	0	489	70	1	1	7	0	0	48	60	— —	+ 5	—	—	—	13
D.I. Khan	Mirunshah **	000	0	4	05	05	97	02	0	461	88	4	0	9	3	0	47	88	000	0	0	05	05	99	00	0	463	77	0	0	9	0	0	52	72	— —	— —	0.5	— 4.2	2.0	11
	Wana **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	98	00	0	453	68	0	0	9	0	0	52	64	— —	— —	1.2	—	4.1	11
Quetta	Fort Sandeman **	000	0	1	23	03	98	03	0	450	88	0	0	9	3	0	13	95	000	0	0	00	00	98	05	0	466	67	0	0	9	0	0	51	65	+ 3	+ 4	2.2	— 2.8	6.5	9
	Hindubagh **	000	0	0	23	03	97	02	0	428	87	0	0	9	0	0	54	88	000	0	0	00	00	97	02	0	483	59	0	0	9	0	0	50	45	— —	— —	—	—	—	—
	Loralai **	060	0	0	19	02	98	00	0	395	96	0	0	9	0	0	55	88	000	0	0	27	02	98	00	0	398	05	0	0	9	0	0	48	48	— —	— —	0.6	—	0.6	—
	Barkhan **	000	0	0	23	05	98	02	0	456	92	0	0	9	0	0	40	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— —	— —				14
	Harnai **	000	0	0	00	00	96	02	0	444	95	0	0	9	0	0	41	97	000	0	0	00	00	96	02	0	452	75	0	0	9	0	0	57	//	— /	/	4.6	— 3.5	5.6	9
	Samungli (Quetta) **	000	0	0	31	05	97	02	0	442	83	0	0	9	0	0	48	84	000	0	0	00	00	98	05	0	480	53	0	0	9	0	0	37	47	— —	— —	—	—	—	8
	Cheman **	000	0	0	27	05	97	00	0	471	86	0	0	9	0	0	36	88	000	0	0	13	03	97	00	0	487	72	0	0	9	0	0	49	62	— 1	+ 3	—	—	—	—
	Nushki **	000	0	0	00	00	97	02	0	523	96	0	0	9	0	0	63	97	000	0	0	00	00	97	02	0	532	73	0	0	9	0	0	67	67	— —	— —	0.5	—	3.6	4
	Dalbandin **	000	0	0	13	02	97	02	0	480	95	0	0	9	0	0	14	97	000	0	2	03	02	97	02	0	480	69	0	0	9	0	0	25	63	— 1	+ 5	0.0	— 0.2	0.5	7
Kalat	Kalat **	000	0	0	31	02	96	02	0	463	76	0	0	9	0	0	51	79	000	0	0	16	02	97	02	0	477	87	0	0	9	0	0	46	46	— 2	+ 2	0.8	— 0.4	2.2	—
	Khuzdar **	000	0	0	23	02	94	02	0	451	91	0	0	9	0	0	51	92	000	0	0	00	00	97	02	0	471	73	0	0	9	0	0	23	65	— —	— —	1.8	—	3.2	5
	Panjgur **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	95	05	0	487	01	0	0	9	0	0	52	65	— —	+ 4	—	—	—	—

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.
When over 999 is given RRR see the summary above for thefactual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 26th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

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

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels											
		Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		$P_oP_of_o$ $T_oT_oT_oT_o$ D_oD_o	hhh TTT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	002 338 08	...	450 326 21	142 088 33	586 043 15	758 140 38	970 311 57	245 531 //	...	...	...	...	...
Dacca	00 00	002 270 29	...	380 174 56	077 104 62	882 015 57	757 125 75	971 277 59	249 489 //	...	...	...	...	...
Gilgit	...													
Jiwani	...													
Karachi	00 01	037 280 27	...	490 174 30	084 104 //	581 035 //	755 121 //	967 315 //	248 415 //	...	...	...	...	...
Multan	00 00	991 240 63	...	400 186 //	074 106 //	581 081 //	750 221 //	957 361 //	235 545 //	...	...	...	...	...
Peshawar	00 00	969 214 56	...	430 204 57	...	574 113 56	743 211 //	949 339 //	...	...	...	...	...	...
Quetta	00 00	819 156 64	...	...	010 040 //	576 131 //	743 243 //	948 341 //	222 495 //	...	...	...	...	...
Sargodha	00 00	993 240 45	...	500 210 58	168 080 56	584 091 //	754 175 //	964 281 //	249 385 //	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.							Max. Wind Speed	TROPOPAUSE		
		PPP TT T_a DD							PmPmPm dmdm fmfmfm	$P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft	
16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Chittagong	00 00	900 250 19	800 180 24	600 024 25										
Dacca	00 00	900 210 50	800 156 56	600 044 62	350 195 77	...	...	...	...	...	...	...	...	...
Gilgit	...													
Jiwani	...													
Karachi	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	00 00	...	800 202 67	600 059 //	...	...	...	...	...	...	...	...	...	...
Sargodha	00 00	...	...	...	...	...	...	...	...	...	...	...	...	...

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 epoch value in (0 °C) even values indicate positive and odd values indicate negative temperatures.

UPPER WIND DATA

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date(dd fff)						At 0600 hrs. G.M.T. † of date (dd fff)										
	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	.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	No	Ascent	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Chaklala	...	230 10	225 07	230 9/	280 07	300 07	330 19	330 21	341 25	...	050 08	354 05	290 06	300 12	295 07	...	200 06	200 03	195 06	210 03	255 16	280 15	295 21	308 19	...	...
Chhor	235 16	230 16	225 24	215 23	235 11	205 03	325 09	330 19	320 24	230 26	240 31	245 23	251 8/	270 15	...	210 10	210 08	205 07	...	...	...	...	...	...	...	...
Chittagong	145 24	170 20	175 27	175 25	...	...	...	...	...	...	...	...	...	...	...	155 19	155 25	155 25	165 23	...	...	...	...	...	...	...
Cox's Bazar	No	Ascent	...	...	...	...	...	...	...	155 19	160 19	170 19	195 23	...	...	140 21	145 27	175 25	195 14	185 30	195 27	205 27	...	...	...	...
Dacca	No	Ascent	...	...	...	...	...	...	...	No	...	...	...	...	...	170 16	170 17	150 25	180 21	180 21	...	...	...	...	...	...
Dalbandin	...	...	...	...	...	...	...	...	...	No	...	...	...	...	...	...	...	270 05	300 10	310 19	310 22	340 29	335 23	305 21	...	...
D. I. Khan	No	Ascent	...	...	...	...	...	...	...	125 07	140 07	155 07	...	...	...	105 80	220 07	2/5 06	225 06	/// //	...	...	...	...	...	...
Drosh	...	...	...	220 15	215 17	210 15	195 11	195 04	...	...	...	...	040 02	265 02	275 10	...	...	...	...	...	...	...	...	...	...	...
Port Sandeman	...	...	...	220 10	...	235 18	...	300 12	...	...	...	...	210 03	240 08	230 19	...	...	...	245 03	265 07	280 07	235 11	280 14	275 16	...	...
Jacobabad	175 06	115 03	070 01	330 01	195 04	250 03	335 15	300 19	305 22	115 15	105 08	100 09	180 02	210 01	235 09	170 04	160 03	190 06	190 87	315 09	355 04	095 05	195 09	215 12	...	...
Jessore	No	Ascent	...	...	...	...	...	...	...	/// //	/// //	225 23	235 29	235 27	230 24	205 12	195 21	195 23	215 23	225 27	215 15	...	...	...	...	...
Jhelum	285 10	265 09	255 10	255 21	255 10	...	260 17	...	295 12	No	Ascent	...	...	...	...	235 31	245 05	245 05	330 03	360 15	290 18	290 21	290 28	285 26	...	...
Jiwani	160 07	115 07	090 07	115 04	040 11	010 15	315 10	300 15	280 17	165 09	...	...	...	...	...	150 05	080 03	080 06	085 11	125 07	300 10	005 24	015 19	320 16	...	...
Karachi	240 10	255 07	...	...	...	...	...	...	...	...	...	...	...	...	...	270 15	270 12	...	...	...	...	...	...	...	...	...
Khanpur	210 07	215 08	210 10	190 10	175 04	195 01	280 10	290 13	285 16	220 06	230 08	255 09	250 12	255 11	175 07	230 27	210 21	190 11	230 27	215 18	210 22	210 16	190 11	020 04	...	...
Lahore	340 06	330 08	320 08	285 08	310 12	...	...	...	...	315 05	340 07	305 07	305 08	320 13	285 07	325 01	330 05	265 08	270 09	330 11	305 05	310 18	315 19	330 15	...	...
Multan	180 10	200 08	200 04	220 05	245 13	255 13	280 13	305 21	300 25	115 04	165 09	185 09	235 11	235 12	235 16	215 07	205 06	200 10	215 10	245 10	235 11	215 10	255 13	280 21	...	...
Nawab Shah	190 18	215 15	235 12	255 07	220 03	305 06	345 18	315 25	315 23	215 09	325 02	330 03	320 06	330 08	...	175 05	140 02	010 02	025 03	260 04	275 03	325 11	300 15	290 15	...	...
Panjgar	...	...	...	...	...	...	...	...	...	No	...	...	...	...	...	...	...	...	320 06	345 14	360 17	345 27	325 16	270 10	...	...
Peshawar	...	125 02	200 05	177 09	165 07	303 07	...	...	...	...	225 15	270 13	350 08	340 10	320 16	...	085 05	340 03	320 08	290 09	245 13	360 13	265 16	260 15	...	...
Quetta	...	...	...	...	265 08	270 13	230 05	245 08	280 15	...	...	...	...	...	...	...	...	...	...	325 06	235 05	265 08	265 10	275 12	...	...
Sargodha	050 07	030 06	060 03	300 02	315 07	...	...	...	...	095 03	310 05	300 03	230 06	220 08	195 12	225 03	190 06	210 09	215 10	195 10	255 10	290 08	290 11	270 13	...	...
Sylhet	115 10	170 08	190 04	...	...	...	...	...	...	125 09	150 19	165 2	190 15	195 13	...	155 07	155 08	170 10	...	185 16	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	...																	
Dacca	...																	
Karachi	260 23	260 23	280 07	280 13	355 16	355 10	345 11	315 15	315 16	...	—	...	...	...	...	...	...	...
Peshawar	...																	
Quetta	...																	

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

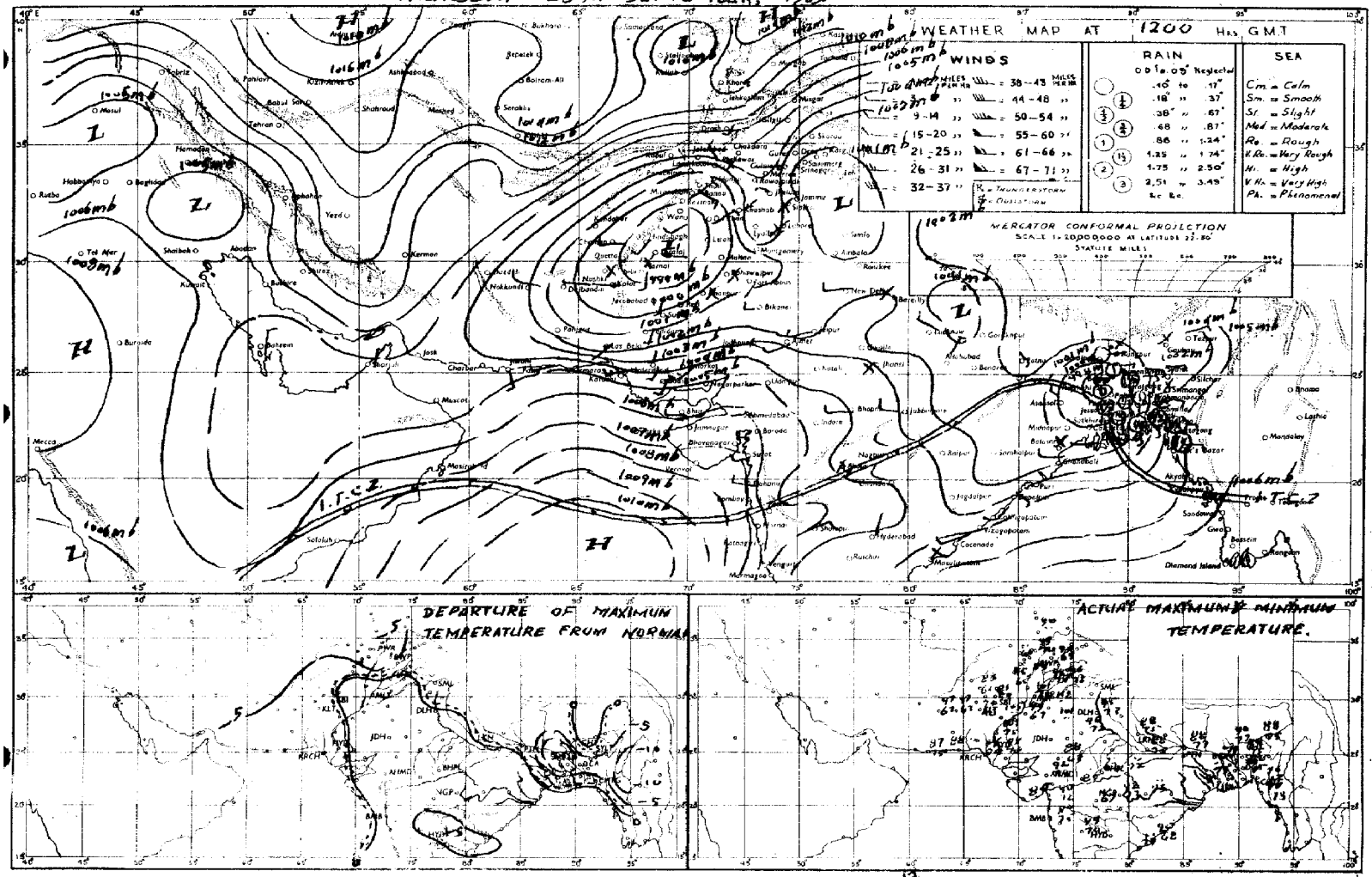
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

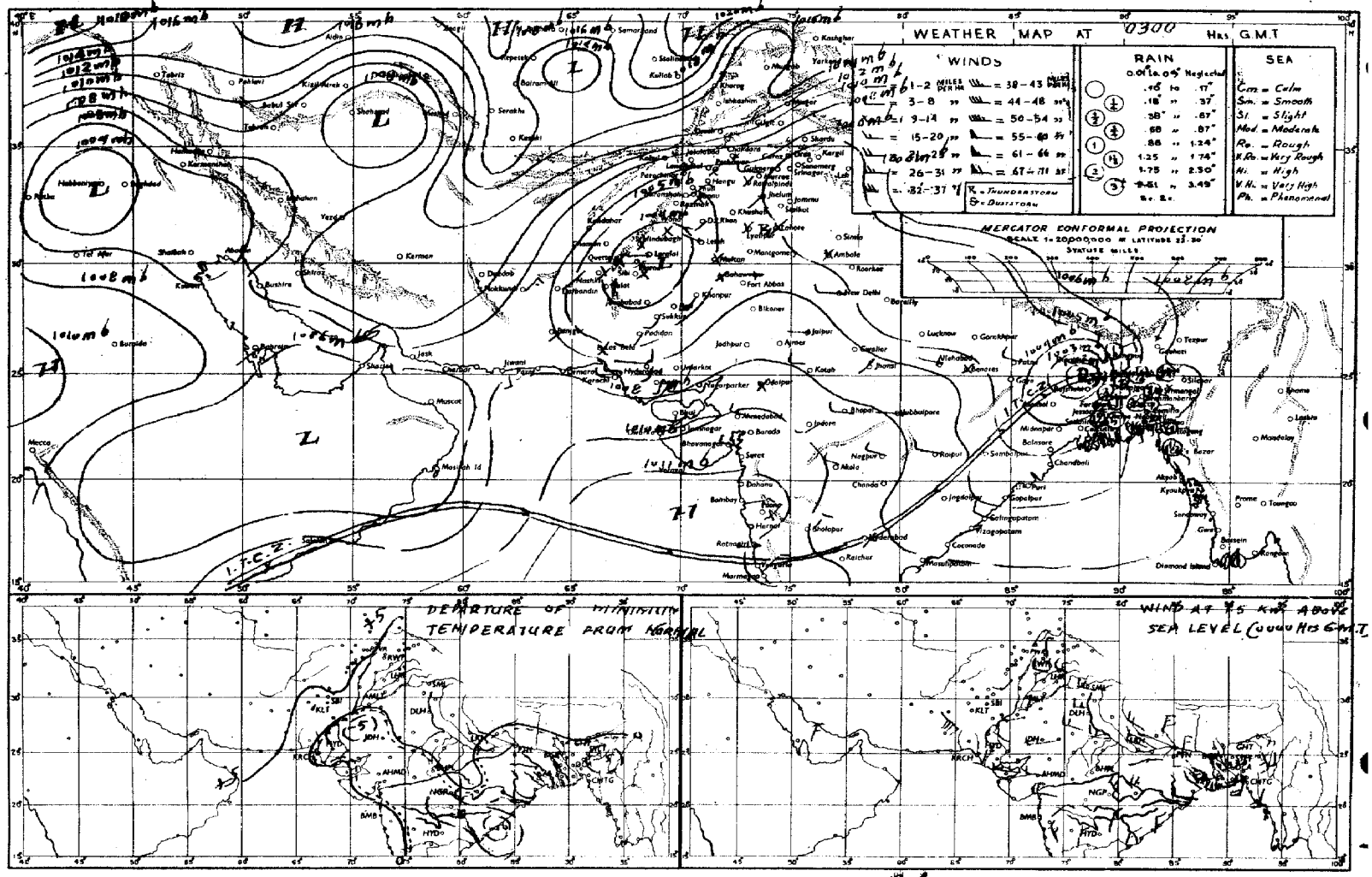
THURSDAY 25TH SEPTEMBER, 1969



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 26 TH SEPTEMBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SATURDAY THE 27th SEPTEMBER 1969.

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

Yesterday morning's depression weakened and lay 26,1200 G.M.T. as a well marked low over Rajshahi division and neighbourhood. There after it moved northwards weakened rapidly and has become unimportant this morning.

A fresh low pressure area has formed over west Bangal and adjoining areas. Rain/thundershowers have been local in Khulna and Rajshahi divisions and scattered in Chittagong division. The seasonal low over Quetta and Kalat divisions persists. A few thunderstorms occurred in Peshawar divisions.

Chief amounts of rainfall are ; Pabna 3", Khulna and Bogra 1¼" each, Rajshahi 1", Rangamati and Cox's Bazar ½" each, Sirajganj ¼".

Day temperatures were 3 - 8 °F (2—4 °C) below normal in East Pakistan, Bahawalpur, D. I. Khan, Kalat, Hyderabad and Khairpur divisions and to the same extent above normal in Peshawar and Quetta divisions.

Forecast valid until the evening of 28th September 1969 :—Rain/thundershowers will be local over East Pakistan. Weather will remain dry over West Pakistan.

Karachi-11
The 27th September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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 Cled from †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud from †	Dewpoint temperature °F	Maximum temperature °F	As 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	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	We	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	We	N	dd	ff	VV	ww	W	PPP	TT	h	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	038	6	8	00	00	98	02	6	069	80	3	8	6	7	/	73	82	038	0	3	18	01	98	03	1	107	82	1	2	7	4	1	75	75	—	—	—	—	—	—
	Cox's Bazar	080	9	7	09	03	97	02	6	064	78	5	4	4	2	0	73	80	036	1	7	//	//	96	02	6	093	80	4	2	5	6	4	74	74	— 1	— 1	79.8	—27.0	87.2	140
	Chittagong	080	0	7	13	12	96	02	2	063	80	4	4	4	0	0	76	85	005	9	4	13	09	97	02	6	090	84	2	4	3	0	0	77	74	— 3	— 2	54.2	—12.7	103.4	180
	Maijdee Court	093	9	6	18	05	95	92	6	046	80	3	7	5	7	0	77	90	030	9	7	18	08	96	03	2	087	69	5	2	5	6	8	75	75	+ 3	— 2	—	—	—	—
	Comilla	080	0	4	13	05	96	02	2	052	80	4	4	4	7	0	77	85	000	0	3	13	05	96	02	0	080	84	3	4	7	0	0	75	73	— 3	— 3	83.5	+21.2	101.8	94
	Brahmanberia	000	0	8	13	07	96	03	1	052	82	5	0	9	7	0	76	86	000	0	4	18	05	97	03	1	086	79	4	3	5	0	0	75	75	—	—	41.3	— 6.2	50.8	78
	Sylhet	005	2	7	00	00	//	60	6	053	80	5	3	4	4	0	76	85	007	9	4	00	00	97	02	0	092	84	4	4	3	0	0	75	73	—	—	116.0	—	144.0	—
	Srimangal	110	8	8	13	02	95	60	6	059	77	8	7	4	0	0	77	//	000	0	0	13	04	96	00	0	085	82	8	0	9	0	0	75	73	/	— 1	—	—	—	98
Dacca	Mymensingh	000	0	1	00	00	//	02	2	046	80	6	5	4	0	0	78	80	000	0	6	13	04	97	02	2	087	87	6	5	4	3	0	77	75	— 2	— 2	—	—	—	91
	Narayanganj	000	0	3	13	03	96	02	2	046	85	3	6	4	0	0	77	85	002	0	7	13	03	97	03	2	081	87	5	6	4	3	1	77	79	— 3	+ 1	47.4	— 0.3	69.8	74
	Dacca (Tejgaon)	000	0	6	13	05	97	02	2	043	80	3	8	5	7	0	76	95	080	8	7	13	05	96	02	2	076	83	7	5	4	3	0	77	79	—	—	49.4	—	60.5	—
	Faridpur	000	0	7	16	02	97	02	2	003	82	5	5	5	7	0	78	05	000	0	5	16	02	96	61	6	060	80	6	4	4	1	0	77	76	— 2	— 2	—	—	—	71
Khulna	Barisal	000	0	5	13	05	96	02	2	042	80	2	6	5	2	0	77	85	000	0	5	18	03	97	03	2	078	85	5	8	4	0	0	78	78	— 3	— 0	—	—	—	81
	Khulna	000	0	2	00	00	97	03	0	047	82	0	2	2	4	0	80	87	125	2	2	31	03	97	03	0	076	84	0	2	4	0	0	81	77	— 1	— 0	—	—	—	68
	Satkhira	000	0	3	18	02	97	02	1	034	70	3	1	5	7	1	76	88	....	0	7	..	..	..	..	..	....	..	..	..	..	..	..	..	..	— 7	—	—	—	—	65
	Jessore	000	0	5	14	09	97	01	2	038	85	1	1	5	0	0	76	86	016	0	7	16	05	97	01	0	066	78	5	4	4	2	0	75	77	—	—	—	—	—	—
Rajshahi	Pabna	026	6	7	13	13	98	01	9	019	80	7	0	9	7	0	76	86	281	4	6	13	05	98	01	9	070	79	4	7	6	2	0	77	75	—	—	—	—	—	59
	Sirajganj	900	0	5	13	04	97	02	2	027	82	8	9	7	7	8	78	87	030	4	8	13	03	97	02	0	068	90	8	6	6	0	0	77	73	— 1	— 4	41.0	— 5.5	48.5	64
	Rajshahi	217	9	8	18	03	94	03	6	019	77	8	7	4	/	/	77	78	117	9	4	09	02	96	03	/	064	87	4	5	5	0	0	75	75	— 10	— 3	37.2	—	71.4	—
	Bogra	....	..	..	..	..	..	..	..	....	..	..	..	..	..	..	..	..	///	/	8	00	00	96	94	9	070	77	5	4	4	2	/	76	74	—	— 3	—	—	—	69
	Dinajpur	676	9	8	05	09	94	67	8	014	76	8	7	5	/	/	73	76	903	3	8	09	20	96	62	4	075	72	2	9	5	/	/	71	72	— 12	— 5	—	—	—	72
	Rangpur	...	..	..	..	..	..	..	..	....	..	..	..	..	..	..	..	..	592	9	7	05	02	96	61	6	078	80	7	7	6	0	0	80	74		0	64.0	+ 3.4	82.6	84
Kashmir	Jammu																																							
Lahore	Lahore (Intl Rd.)	000	0	0	00	00	96	05	0	025	93	0	0	0	0	0	59	95	000	0	0	25	02	95	05	8	063	81	0	0	9	0	0	62	74	— 3	+ 6	13.4	— 1.0	17.8	19
	Sialkot	000	0	0	00	00	99	00	0	004	91	0	0	0	0	0	79	99	000	0	0	00	00	99	00	0	074	76	0	0	9	0	0	49	68	+ 4	— 10	6.9	—10.4	11.5	22
Rawalpindi	Jhelum	000	0	2	23	03	97	03	0	023	98	0	0	0	9	0	67	96	000	0	0	00	00	96	02	0	065	77	0	0	9	0	0	68	72	—	—	22.0	—	30.3	—
	Islamabad																																							
	Rawalpindi	...	..	..	..	..	..	..	..	....	..	..	..	..	..	..	..	..	000	0	0	05	01	98	00	0	066	73	0	0	9	0	0	62	68		+ 3	18.7	— 4.6	28.8	30
	Campbellpur																																							
Sargodha	Khushab	000	0	0	00	//	96	06	0	022	96	0	0	0	9	0	77	98	....	..	..	..	..	..	..	..	....	..	..	..	..	..	..	..	..		0				18
	Sargodha	000	0	0	13	03	96	06	0	024	91	0	0	0	9	0	67	96	000	0	0	00	00	96	06	0	063	77	0	0	9	0	0	69	73	—	—	16.5	—	20.1	—
	Lyallpur	000	9	0	00	00	96	00	0	019	93	0	0	0	9	0	73	98	000	0	0	29	02	96	00	0	060	78	0	0	9	0	0	71	72	0	+ 2	4.6	— 4.4	7.6	12
Multan	Sahiwal																																							10
	Multan	000	0	0	18	03	96	05	0	028	93	0	0	0	9	0	64	98	000	0	0	23	07	97	02	0	064	81	0	0	9	0	0	69	75	0	+ 2	8.0	— 3.1	11.0	7
	Laiah	000	0	0	31	00	94	00	0	035	98	0	0	0	9	0	70	98	000	0	0	36	01	92	00	0	054	82	0	0	9	0	0	69	73	/	—	—	—	2.7	6
Bahawalpur	Khanpur	000	0	0	00	00	97	03	0	023	98	0	0	9	0	0	64	96	000	0	0	18	03	97	02	0	064	79	0	0	9	0	0	65	73	— 4	+ 1	0.2	— 4.6	1.1	6
	Bahawalpur	....	..	..	..	..	..	..	..	....	..	..	..	..	..	..	..	..	000	0	0	00	00	96	00	0	///	82	0	0	9	0	0	65	73	/	+ 3	0.7	— 3.7	2.0	8
	Fort Abbas	///	//	0	23	02	98	00	0	997	00	0	..	9	..	0	80	00	0.0	0	0	05	02	98	00	0	066	82	0	0	9	0	0	67	77	—	—	0.9	—	0.8	8
Peshawar	Chakdra	080	0	0	36	02	98	02	0	993	90	0	0	0	9	0	90	90	000	0	0	09	09	98	02	0	064	69	0	0	9	0	0	36	62	—	—	7.2	—	16.6	—
	Peshawar	000	0	2	36	02	97	03	0	017	91	1	1	6	0	1	54	93	000	0	0	36	03	96	05	0	065	75	0	0	9	0	0	89	63	—	+ 2	4.6	+ 0.3	13.4	11
	Haripur	000	0	0	18	02	97	00	0	033	86	0	0	9	0	0	51	90	000	0	0	05	03	98	00	0	070	75	0	0	9	0	0	59	62	—	—	78.5	—	18.5	—
D. I. Khan	Bannu	000	0	7	11	02	98	03	2	021	90	0	0	9	0	7	64	91	000	0	0	00	00	98	00	0	060	77	0	0	9	0	0	69	73	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	4	00	00	96	08	0	022	82	0	0	9	0	0	72	90	000	0	0	00	00	99	00	0	060	81	0	0	9	0	0	69	77	8	+ 6	3.5	— 1.9	6.0	9
Quetta	Sibi	000	0	0	18	03	97	02	0	011	03	0	0	0	0	0	52	94	000	0	0	18	03	97	02	0	063	79	0	0	9	0	0	68	78	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	31	12	95	05	0	017	95	0	0	0	0	0	45	96	000	0	0	00	00	96	02	0	077	76	0	0	9	0	0	39	68	—	—	0.0	—	0.3	3
Kalat	Turbat	000	0	0	27	02	96	00	0	020	03	0	0	0	9	0	56	03	000	0	0	23	02	96	00	0	937	76	0	0	9	0	0	70	19	—	—	0.2	—	0.2	—
	Jiwani	000	0	0	18	09	96	02	0	058	83	0	0	5	0	0	74	85	000	0	0	00	00	96	01	1	080	77	4	6	4	0	0	74	74	—	—	0.9	—	2.0	—
	Pasni	000	0	0	25	20	97	02	0	065	85	0	0	0	0	0	75	87	000	0	0	4	25	04	97	02	0	089	77	4	0	9	0	0	74	//	—	/	0.0	—	0.0	—
Karachi division	Ormara																																							6
	Lasbela	800	0	2	18	04	97	00	0	035	94	0	0	0	0	0	77	//	....	..	..	..	..	..	..	..	....	..	..	..	..	..	..	..	..		/				8
	Karachi (Manora)	000	0	4	27	07	96	03	0	060	81	4	6	4	0	0	75	84	....	..	..	..	..	..	..	..	....	..	..	..	..	..	..	..	..						9
	Karachi (Ariport)	000	8	5	23	14	96	02	2	057	83	5	6	5	0	0	72	87	000	0	7	27	07	96	02	2	082	79	7	6	5	0	0	70	74	— 2	+ 1	1.0	— 5.0	1.1	8
Hyderabad	Nagarparkar																																				1.5	—	1.5	—
	Chhor	000	0	4	23	09	95	05	0	046	90	4	5	6	0	0	67	92	000	0	2	24	09	96	03	0	079	79	2	6	5	0	0	71	73	—	—	0.2	—	0.3	7
	Hyderabad	000	0	0	23	09	97	02	0	045	98	0	0	0	0	0	70	96	000	0	0	23	07	97	02	0	072	79	0	0	9	0	0	72	76	— 3	+ 1	0.2	— 5.8	0.3	9
	Badin	000	0	0	23	06	96	03	0	063	87	0	0	9	0	0	71	91	050	0	0	23	02	96	02	0	077	76	0	0	9	0	0	73	74	— 5	—	0.3	— 6.8	0.3	—
Khairpur	Padidan	000	0	0	23	05	97	02	0	020	99	0	0	0	0	0	64	00	000	0	0	13	05	97	02	0	064	79	0	0	9	0	0	67	75	—	—	0.8	—	0.8	4
	Nawabshah	000	0	0	13	05	97	02	0	029	97	0	0	0	0	0	69	01	000	0	0	13	09	96	02	0	062	78	0	0	9	0	0	73	73	—	—	1.1	—	1.1	—
	Sakkar	000	0	0	23	03	97	02	0	105	98	0	0	0	0	0	66	01	000	0	0	13	05	96	02	0	064	79	0	0	9	0	0	75	75	—	—	0.1	—	0.1	—
	Kashmore	003	0	0	18	02	98	02	0	022	94	0	0	0	0	0	70	96	000	0	0	23	02	98	03	0	052	80	0	0	9	0	0	69	74	—	—	0.0	—	0.0	4
	Jacobabad	680	0	0	13	07	97	02	0	022	96	0	0	9	0	0	71	96	000	0	0	00	09	96	02	0	066	80	0	0	9	0	0	73	76	— 5	+ 3	0.5	— 1.0	0.8	10
unagadh	Veraval																																							26
	HILL STATIONS																																							
Kashmir	Srinagar **																																							71
	Gulmarg **																																							26
	Sonamarg **																																							—
	Dras **																																							2
	Leh **																																							6
	Skardu **																																							—
	Misgar **																																							—
	Alikbad **																																							3
	Gilgit **																																							39
Rawalpindi	Murree **	000	0	0	00	00	98	00	0	467	64	0	0	0	9	0	50	72	000	0	0	27	03	98	00	0	484	60	0	0	9	0	0	39	56	+ 2	+ 3	15.7	—19.1	33.4	18
Peshawar	Drosh **	000	0	6	23	07	97	02	1	440	82	4	4	7	6	1	34	90	000	0	2	12	03	98	00	0	504	63	1	1	7	0	1	41	63	+ 6	+ 3	3.1	—	14.3	39
	Chitral **	000	0	0	36	05	98	00	0	456	85	1	0	1	9	0	54	86	000	0	0	36	02	98	00	0	470	72	0	0	9	0	0	54	//	+ 3	/	3.1	— 8.8	13.4	—
	Kakul **	000	0	2	18	03	98	03	0	461	81	1	1	6	0	0	53	90	000	0	0	36	02	98	02	0	491	73	0	0	9	0	0	54	62	—	—	16.0	—	26.7	—
	Landikotal **	000	0	0	31	05	98	03	0	387	85	0	0	9	0	0	47	90	000	0	0	36	02	98	02	0	388	75	0	0	9	0	0	74	61	—	—	2.2	—	12.6	39
	Parachinar **	000	4	7	16	07	97	17	9	468	73	5	9	6	2	0	49	77	000	0	0	00	00	97	02	0	492	65	0	0	9	0	0	43	56	—	+	—	—	—	13
D.I. Khan	Miranshah **	000	0	4	05	05	97	02	0	458	86	4	0	9	0	0	54	87	000	0	0	05	05	99	00	0	485	73	0	0	9	0	0	54	68	—	—	0.5	— 4.2	2.0	11
	Wana **	000	0	0	13	05	99	00	0	451	85	0	0	9	0	0	63	87	000	0	0	13	02	99	00	0	472	64	0	0	9	0	0	47	64	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman **	000	0	0	23	02	97	02	0	439	86	0	0	0	0	0	23	89	000	0	0	00	00	97	02	0	481	69	0	0	9	0	0	49	62	—	+	2.2	— 3.8	6.5	—
	Hindubagh **	000	0	0	20	03	97	02	0	435	84	0	0	0	9	0	67	85	000	0	0	00	00	97	02	0	///	//	0	0	9	0	0	38	48	—	—	2.7	—	6.0	9
	Loralai **	000	0	0	27	02	98	00	0	390	85	0	0	0	0	0	65	87	000	0	0	18	02	98	00	0	395	55	0	0	9	0	0	45	48	—	—	0.0	—	0.6	—
	Barkhan **																																							14
	Harnai **	000	0	1	11	11	96	02	0	449	//	0	0	0	0	0	47	//	000	8	8	00	00	00	02	0	450	92	0	0	0	0	0	55	//	—	/	4.6	— 3.5	5.6	9
	Samungli (Quetta) **	000	0	0	31	05	96	02	0	472	81	0	0	0	0	0	42	85																						8
	Chaman **	000	0	0	23	03	97	00	0	470	84	0	0	9	0	0	45	85	000	0	0	09	03	97	00	0	477	70	0	0	9	0	0	41	62	— 2	+ 3	2.1	+ 2.0	4.7	—
	Nushki **	000	0	0	27	03	97	02	0	523	95	0	0	0	0	0	62	96	000	0	0	07	05	97	02	0	532	73	0	0	9	0	0	49	62	—	—	0.5	—	0.6	4
	Dalbandin **	000	0	0	05	03	97	02	0	480	95	0	0	0	0	0	06	08	000	0	0	13	02	97	02	0	480	67	0	0	9	0	0	16	59	+ 5	+ 1	9.0	— 0.2	9.5	7
Kalat	Kalat **	000	0	0	34	02	97	02	0	479	73	0	0	9	0	0	54	77	000	0	0	18	02	97	02	0	494	55	0	0	9	0	0	39	41	— 3	— 3	0.8	— 0.4	2.2	—
	Khuzdar **	...	..	..	..	..	..	..	..	....	..	..	..	..	..	..	..	..	000	0	0	00	00	96	02	0	477	68	0	0	9	0	0	27	62	—	—	1.8	—	3.2	8
	Panjgur **	...	..	..	..	..	..	..	..	....	..	..	..	..	..	..	..	..	000	0	0	00	00	96	02	0	484	76	0	0	9	0	0	51	71	—	+ 10	—	—	—	—

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 27th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

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

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	850 mb	700 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb	70 mb	50 mb	30 mb
		PoPoPo ToToTo DoDo	hhh TTT_a DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	004 144 08	...	440 215 08	125 092 29	586 047 57	757 145 56	969 285 58	246 499 //	...	...	...	...	...
Dacca ...	00 00	004 130 05	...	400 170 61	093 108 72	582 035 //	755 140 //	508 309 68	...	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	039 250 29	...	500 244 56	145 140 16	591 031 //	766 085 //	983 251 //	268 395 //	...	...	...	...	...
Multan ...	00 00	991 254 56	...	410 225 58	098 060 56	576 105 62	746 165 40	956 315 //	239 377 //	...	...	...	...	...
Peshawar ...	00 00	965 210 57	...	365 210 59	094 090 57	584 095 //	754 159 //	962 333 //	...	...	...	...	...	...
Quetta ...	00 00	819 150 62	...	...	087 016 //	571 157 //	732 353 //	925 537 //	...	...	...	...	...	...
Sargodha ...	00 00	992 270 56	...	40/ 234 58	217 104 56	591 091 //	761 175 //	971 285 //	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_a DD									Max. Wind Speed PmPmPm dmdm fmfmfm	TROPOPAUSE $P_tT_tP_tT_tT_tT_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 186 00	800 144 24	...	...	...	...	...	...	...	...	...	...
Dacca ...	00 00	900 208 57	800 142 62	600 040 //	350 201 //	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	800 110 //	600 069 //	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hunderds 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.

UPPER WIND DATA

At 1200 hrs. G.M.T. † of Previous day (dd ff) / At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0
	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)					
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ...	No	Ascent	...		...	...	...	...		No	Ascent	...	..	...	...
Chaklala ...	..	250 03	200 04	220 05	200 05	270 06	265 14	225 15	200 //	..	..	...	..		
Chhor ...	...	...	...	...	...	...	...	..	...	230 24	225 24	230 19	285 07	355 09	115 15
Chittagong ...	140 19	165 19	175 15	180 12	175 12	...	...	..			...	...	...	...	...
Cox's Bazar ...	145 13	160 11	200 17	205 19	210 19	...	...	...	...	125 14	185 12	205 12	220 08	215 06	200 09
Dacca ...	145 12	150 17	160 20	165 20	...	...	...	...	...	...	...	...	...		
Dalbandin ...	...	...	335 02	360 10	345 05	340 04	315 17	300 21	275 65	..	..	170 01	235 11	345 10	355 17
D. I. Khan ...	190 04	145 06	140 08		...	...	...	...	...	170 04	225 02	230 03	210 03		
Drosh ...	...	...	...	235 15	225 16	215 17	205 24	..	...	...	...	..	200 01	215 03	200 03
Fort Sandeman ...	..	...		270 52	260 03	310 02	310 18	300 21	290 28	..	...	..	220 01	295 09	325 07
Jacobabad ...	165 08	170 05	060 02	020 05	260 03	220 14	325 10	314 16	315 15	175 21	195 10	130 07	350 03	0 0 //	010 08
Jessore ...	125 16	175 22	170 23	205 25	215 23	210 24	...		...	200 14	205 15	210 14	235 10	250 10	255 10
Jhelum ...	210 08	225 13	225 10	265 09	280 10	280 77	275 13	255 18	315 13	275 03	310 07	310 11	295 05	345 05	360 06
Jiwani ...	160 08	185 07	200 06	240 07	335 13	355 18	315 13	300 20	285 23	170 04	...	...	...	...	...
Karachi ...	245 13	245 13			..	...		..	...	...		...			
Khanpur ...	220 8·	205 7/	205 8'	215 05	230 44	150 04	165 12	235 10	320 12	215 11	230 15	235 19	250 17	205 08	185 03
Lahore ...	250 01	260 01	260 02	240 08	275 11	290 09	305 09	310 13	290 19	270 03	285 05	300 05	305 07	285 03	310 10
Multan ...	190 09	190 08	190 07	215 08	285 07	255 12	245 18	280 19	295 22	170 13	205 11	225 11	292 08	285 07	290 16
Nawab Shah ...	165 09	170 11	180 09	260 07	290 03	335 08	305 15	300 16	300 26	155 11	120 03	185 01	315 06	335 05	065 //
Panjgur ...	...	...		...	...	...	...			...	...	...	..	...	
Peshawar ...	...	110 10	160 11	165 11	225 08	250 08	295 09	350 13	320 20	..	330 11	345 07	185 05	175 03	165 06
Quetta ...	...				295 08	265 06	300 12	300 14	305 17	...		...	...	...	
Sargodha ...	230 02	180 05	230 08	180 05	270 12	250 12	270 14	290 44	270 16	290 02	290 06	240 08	285 06	275 08	295 10
Sylhet ...	120 03	195 03	180 07	200 11	—	—	—	...	...	115 06	145 08	160 12	...	...	...
Veraval ...	...	...	...	...	...	...	—	...	...	...	...	...	...	...	—

At 0600 hrs. G.M.T. † of date (dd fff)

Height in Kms. a.s.l. —>	.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	0.9
STATION 1	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	165 15		...	...	...	...	...	...	..	...	...
Chaklala ...	...	215 03	315 07	325 09	300 06	305 07	300 04	330 13	310 17	...	...
Chhor ...	310 18	110 10	230 09	...	...	...	...	...		...	...
Chittagong ...	165 08	165 10	165 13	160 09	165 12	178 14	200 11	200 15	220 13	...	...
Cox's Bazar ...	180 17	190 09	190 08	190 09	200 10	195 10	...	...	...	...	...
Dacca ...	160 08	165 16	170 0/	165 15	170 15	...	...	...	...	...	...
Dalbandin ...			175 01	260 03	325 07	340 25	330 20	350 11	360 07	...	...
D. I. Khan ...	200 04	175 02	140 02	020 01	...	...	...	...	...	...	...
Drosh ...	...	...	...	240 01	050 02	355 03	020 05	360 03	...	...	...
Fort Sandeman ...	...	...	...	260 02	245 05	250 07	225 14	205 12	205 14	...	...
Jacobabad ...	150 50	140 05	145 04	145 05	265 07	030 08	035 12	035 07	345 04	...	...
Jessore ...	175 16	200 13	195 22	200 21	—	...	...	...		...	...
Jhelum ...			...	...		...	...	...	...	...	...
Jiwani ...	145 04	050 05	040 06	350 08	010 11	085 10	035 19	295 16	295 20	...	...
Karachi ...	285 14	275 13	260 12	330 11	015 04		...		...	...	—
Khanpur ...	220 21	210 18	210 13	210 10	180 04	235 05	095 12	130 73	110 24	...	—
Lahore ...	280 03	285 05	285 06	295 06	285 05	305 13	325 10	335 08	..	...	...
Multan ...	225 15	220 16	215 17	215 17	220 14	210 04	270 10	235 10	235 09	...	...
Nawab Shah ...	145 01	070 01	080 01	035 03	050 01	070 06	360 06	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	—	...	...	...
Peshawar ...	...	065 04	005 0/	345 04	250 3/	280 10	270 08	280 13	280 15	...	...
Quetta ...			...		305 08	075 05	295 11	300 10	...	...	...
Sargodha ...	230 05	255 04	250 05	265 06	255 08	..	...	...	...	...	...
Sylhet ...	155 04	160 04	170 03	...	080 01	...	...	...	...	—	...
Veraval ...	...	..	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43 0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	170 17	170 23	173 23		167 17	...	225 10	...	225 07	...	...	...						
Karachi ...	255 15	260 17	283 18	285 19	285 14	350 1?	350 11	305 15	305 21	...	...	...	..	...	...	..	..	...
Peshawar ...													...	...	...	...	...	...
Quetta ...																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

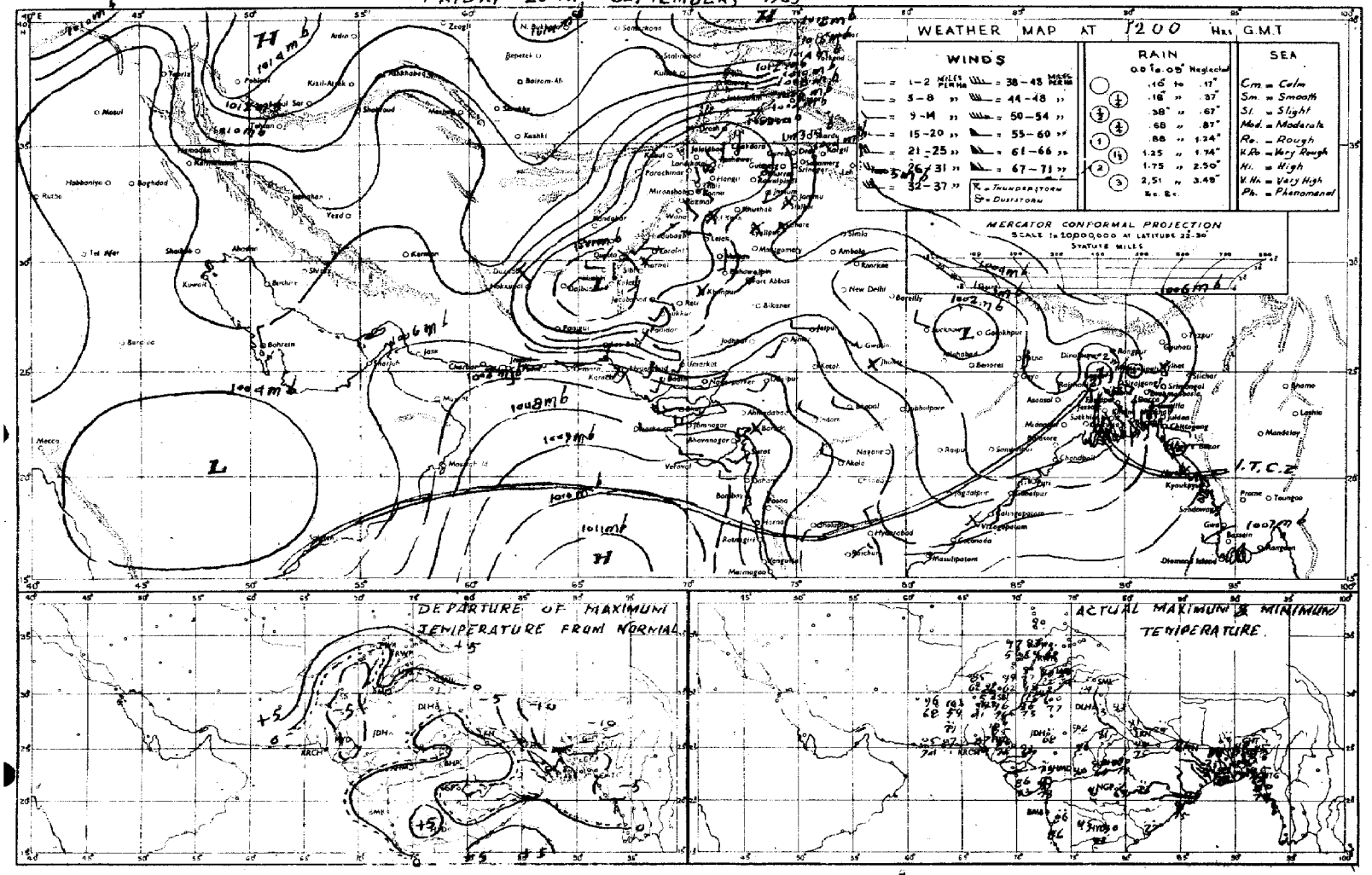
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

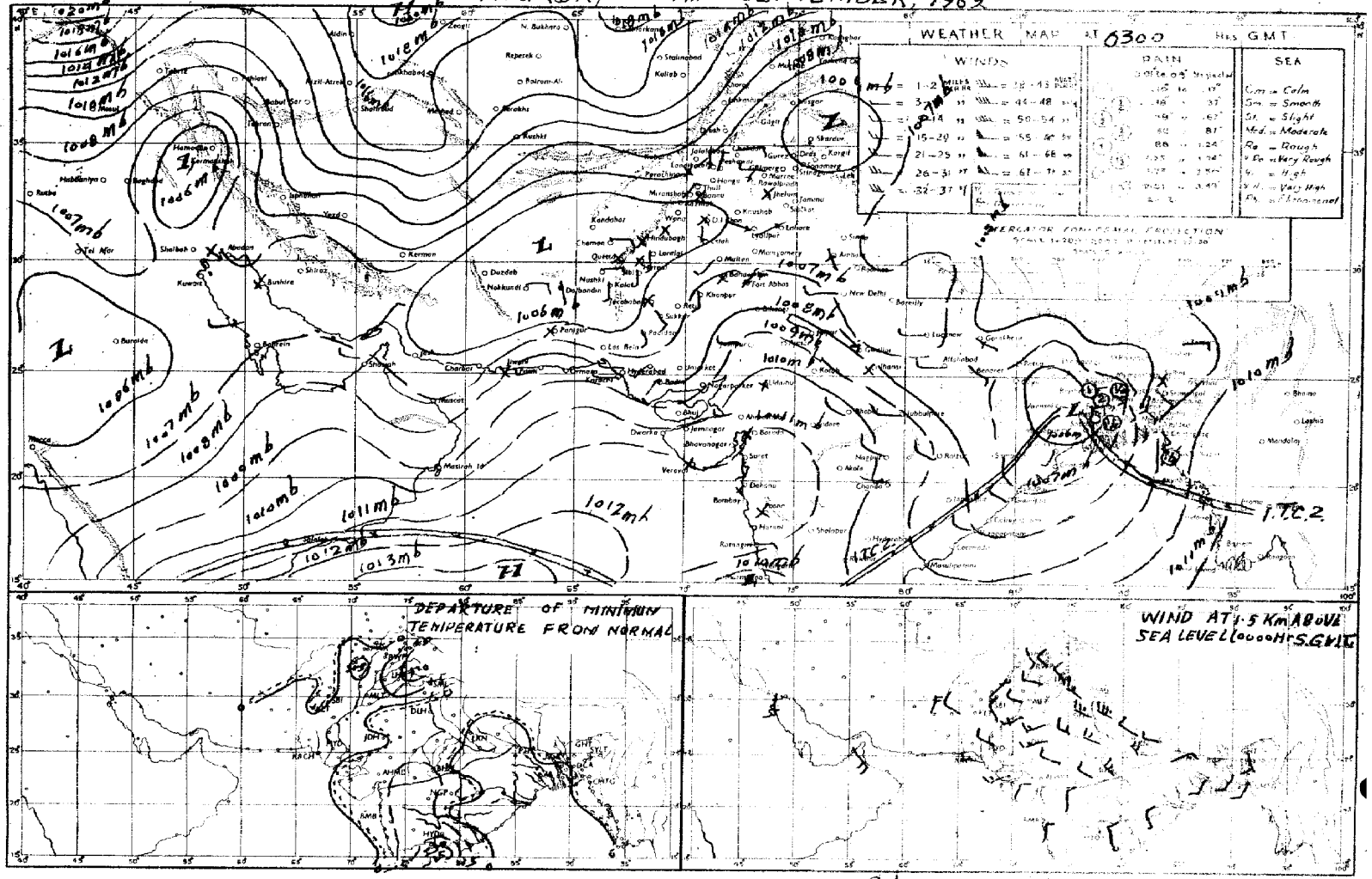
FRIDAY 26 TH SEPTEMBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 27th SEPTEMBER, 1969



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

SUNDAY THE 28th SEPTEMBER 1969.

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

Yesterday's well marked low pressure area of Bengal persist. Monsoon was moderate over East Pakistan.

Rain/thundershowers have been fairly widespread with locally moderate to heavy falls in Rajshahi division, local in Dacca and Khulna divisions and scattered in Chittagong division.

A westerly low pressure wave is moving across the extreme northern regions of West Pakistan and has accentuated the seasonal trough of low pressure extending from Quetta division to Sargodha division.

Weather remained dry over West Pakistan.

Chief amounts of rainfall are ; Pabna 3", Bogra 2", Rangpur (upto 0000Z) and Mymensingh 1½" each, Sirajganj 3/4", Dinajpur (upto 1200Z) ½" and Satkhira (upto-1200Z), Rangamati, Faridpur and Jessore ½" each.

Day temperatures were 2—3 °F (1—2 °C) above normal in Chittagong, Rawalpindi and Peshawar divisions and were 3—5 °F (2—3 °C) below normal in Dacca, Lahore, South Kalat, Karachi Hyderabad and Khairpur divisions and 6—11 °F (3—6 °C) so in Rajshahi division.

Forecast valid until the evening of 29th September 1969 :— Fairly widespread rain/thundershowers are likely to occure in Khulna and Rajshahi divisions, local elsewhere in East Pakistan and scattered in Rawalpindi division and Kashmir, a few dust/storms may also occur in Multan. Lahore and Sargodha divisions. Weather will be dry elsewhere in West Pakistan.

Karachi-11
The 28th September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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 Clod from † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud from † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati ...	000	0	3	18	02	96	02	6	078	82	3	8	4	0	0	77	87
	Cox's Bazar ...	000	0	2	01	80	97	02	0	050	80	1	1	6	6	1	76	85
	Chittagong ...	000	0	5	18	05	96	02	2	059	82	4	8	4	2	0	77	87
	Maijdee Court ...	000	9	3	18	02	95	02	1	049	83	3	1	5	0	0	77	90
	Comilla ...	000	0	0	00	00	96	02	0	055	85	0	0	9	0	0	80	90
	Brahmanbaria ...	000	0	3	18	02	96	01	1	052	85	3	4	5	0	0	77	87
	Sylhet ...	000	0	2	00	00	97	01	2	051	85	2	1	6	0	0	77	90
	Srimangal ...																	
Dacca	Mymensingh ...	175	1	7	00	00	96	61	6	056	73	7	4	4	0	0	73	85
	Narayanganj ...	000	0	3	13	02	94	01	1	046	85	1	6	6	3	1	76	85
	Dacca (Tezgaon) ...	005	3	6	00	00	97	01	6	047	82	5	9	4	2	0	78	87
	Faridpur ...	035	5	5	16	02	97	02	6	017	80	3	5	5	1	0	77	86
Khulna	Barisal ...	000	0	3	18	03	96	02	2	052	82	3	4	5	0	0	77	87
	Khulna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Satkhira ...	020	4	4	18	01	97	02	5	038	85	4	3	6	1	0	82	87
	Jessore ...	030	0	4	16	05	97	02	1	039	82	3	3	4	0	8	76	87
Rajshahi	Pabna ...	083	2	7	00	00	97	01	9	038	78	6	9	6	2	0	77	82
	Sirajgan ...	020	6	0	29	03	97	02	2	060	80	8	0	7	8	0	76	82
	Rajshahi ...	000	0	6	13	02	96	03	1	041	82	6	5	5	7	/	78	86
	Bogra ...	062	7	7	09	02	96	21	6	050	76	5	5	4	7	0	73	80
	Dinajpur ...	064	3	7	09	02	96	02	6	058	76	7	5	6	/	/	73	77
	Rangpur ...	076	8	7	00	00	96	01	6	035	82	7	5	6	0	0	80	85
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	23	03	95	06	0	046	91	0	0	9	0	0	64	95
	Sialkot ...																	
Rawalpindi	Jhelum ...	000	0	0	23	02	95	05	1	037	91	0	0	9	0	0	64	98
	Islamabad ...																	
	Rawalpindi ...	000	0	0	00	00	99	00	0	035	90	0	0	9	0	0	72	93
	Campbellpur ...																	
Sargodha	Khushab ...	000	0	0	09	02	96	06	0	038	95	0	0	9	0	0	80	96
	Sargodha ...	000	0	1	18	02	96	06	0	039	93	1	1	6	0	0	70	96
	Lyallpur ...	000	0	0	00	00	96	00	0	041	95	0	0	9	0	0	59	98
Multan	Sahiwal ...																	
	Multan ...	000	0	0	18	05	97	02	0	045	95	0	0	9	0	0	60	98
	Leiah ...	000	0	0	36	02	94	00	0	033	98	0	0	9	0	0	70	98
Bahawalpur	Khanpur ...	000	0	0	00	00	97	02	0	037	96	0	0	9	0	0	64	100
	Bahawalpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Abbas ...	000	0	0	23	02	98	00	0	997	09	0	0	9	0	0	93	09
Peshawar	Chakdra ...	000	0	0	36	02	98	02	0	004	87	0	0	9	0	0	64	91
	Peshawar ...	000	0	0	05	03	96	05	0	030	91	0	0	9	0	0	63	95
	Haripur ...																	
D. I. Khan	Bannu ...	000	0	7	00	00	98	02	2	033	90	0	0	9	0	0	64	91
	D. I. Khan ...	000	0	0	00	00	98	08	0	036	93	0	0	9	0	0	70	96
Quetta	Sibi ...	000	0	0	18	03	97	02	0	042	03	0	0	9	0	0	64	104
	Nokkundi ...	000	0	0	31	07	96	02	0	033	98	0	0	9	0	0	33	99
Kalat	Turbat ...	000	0	0	27	02	96	00	0	920	02	0	0	9	0	0	59	103
	Jiwani ...	000	0	0	18	09	96	02	0	063	82	0	0	5	0	0	76	86
	Pasni ...	000	0	0	25	10	97	02	0	073	85	0	0	0	0	0	70	88
Karachi division	Ormara ...																	
	Lasbela ...																	
	Karachi (Manora) ...	000	0	1	25	05	97	03	0	073	81	1	6	4	0	0	73	83
	Karachi (Airport) ...	000	0	3	27	09	96	03	1	071	83	3	6	5	0	0	69	87
Hyderabad	Nagarparkar ...	000	0	0	23	02	97	02	0	089	95	0	0	0	0	0	95	96
	Chhor ...	000	0	0	23	09	96	02	0	059	90	0	0	9	0	0	68	100
	Hyderabad ...	000	0	0	23	07	97	02	0	056	89	0	0	9	0	0	70	98
	Badin ...	000	0	0	23	05	56	02	0	069	88	0	0	9	0	0	72	91
Khairpur	Padidan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nawabshah ...	000	0	0	13	05	96	02	0	045	97	0	0	9	0	0	72	97
	Sukkur ...	000	0	0	23	03	96	02	0	035	98	0	0	9	0	0	76	100
	Kashmore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jacobabad ...	000	0	0	18	03	97	02	0	044	96	0	0	9	0	0	69	97
Junagadh	Veraval ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...																	
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...																	
Rawalpindi	Murree * ...	000	0	0	31	03	98	00	0	488	67	0	0	9	0	0	49	73
Peshawar	Drosh * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cherat * ...	000	0	0	36	04	98	00	0	476	82	0	0	9	0	0	56	86
	Kakul * ...	000	0	1	23	03	98	00	0	493	82	1	1	6	0	0	49	85
	Landikotal * ...	000	0	0	31	05	98	02	0	490	87	0	0	9	0	0	56	90
	Parachinar * ...	000	0	1	13	05	97	02	0	478	77	1	1	7	0	0	41	78
D.I. Khan	Miranshah * ...	000	0	0	05	05	99	00	0	481	86	0	0	9	0	0	51	87
	Wana * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman * ...	000	0	0	27	03	98	02	0	458	88	0	0	9	0	0	03	88
	Hindubagh * ...	000	0	0	23	03	97	02	0	431	80	0	0	9	0	0	37	81
	Loralai * ...	000	0	0	27	02	98	00	0	390	85	0	0	9	0	0	55	87
	Barkhan * ...																	
	Harnai * ...	000	0	0	00	00	96	02	0	465	92	0	0	9	0	0	47	94
	Samungli (Quetta) * ...	000	0	0	31	03	97	02	0	476	83	0	0	9	0	0	28	85
	Chaman * ...	000	0	0	00	00	97	00	0	482	87	0	0	9	0	0	61	89
	Nushki * ...	000	0	0	27	03	97	02	0	547	90	0	0	9	0	0	54	92
	Dalbandin * ...	000	0	0	05	03	97	02	0	485	95	0	0	9	0	0	10	99
Kalat	Kalat * ...	000	0	0	31	02	96	02	0	462	78	0	0	9	0	0	48	80
	Khuzdar * ...	000	0	0	00	00	97	02	0	448	83	0	0	9	0	0	24	92
	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 † Wc (21)	Total clud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in konts 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)	Amounts of Lowest Cloud † h (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum temperature TnTn (36)	Departure: Maximum temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June, 1969 to-date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1969 to-date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	030	0	3	18	02	98	03	1	106	82	2	3	6	0	1	77	//	—	—	—	—		—
	Cox's Bazar	000	0	3	18	03	97	02	0	094	82	2	6	5	3	0	77	75	— 2	0	79.5	—29.3	87.2	140
	Chittagong	000	0	5	13	03	97	02	2	096	90	2	4	4	6	0	73	75	0	— 1	54 2	—22.7	103.4	108
	Maijdee Court	000	0	2	00	00	97	02	8	073	77	3	2	5	0	0	75	72	+ 3	— 5	—	—	—	15
	Comilla	000	0	4	18	05	96	02	0	089	87	4	4	7	0	0	77	75	+ 2	— 1	83.5	+20.9	100.9	94
	Brahmanbaria	000	8	4	18	03	97	03	1	079	82	4	5	5	0	0	75	77	—	—	41.3	— 6.2	50.8	78
	Sylhet	000	0	7	13	03	97	03	2	096	87	5	4	4	4	0	77	75	—	—	116.0	—	143.9	—
	Srimangal																							98
Dacca	Mymensingh	815	0	3	13	02	97	01	1	098	82	3	5	6	1	0	75	73	— 2	— 4	—	—	—	91
	Narayanganj	000	0	5	13	02	97	03	2	091	84	4	6	5	3	/	79	79	— 3	+ 1	47.4	— 0.5	69.4	74
	Dacca (Tezgaon)	000	0	6	13	05	97	02	2	091	84	6	8	4	0	0	77	79	—	—	49.4	—	60.5	—
	Faridpur	035	0	3	20	05	97	02	2	082	84	3	4	5	0	0	75	79	— 1	+ 4	—	—	—	71
Khulna	Barisal	000	0	4	00	00	97	02	1	089	83	4	4	4	0	0	77	79	— 1	+ 1	—	—	—	81
	Khulna	000	0	4	00	00	97	03	0	070	82	4	5	4	0	0	81	77		0	—	—	—	68
	Satkhira	000	1	6	00	00	97	01	3	088	82	6	0	9	3	0	77	75	0	— 1	—	—	—	65
	Jessore	018	5	6	27	02	97	02	9	085	79	6	6	5	7	0	75	76	—	—	—	—	—	65
Rajshahi	Pabna	299	9	6	13	02	98	01	9	082	79	6	7	8	0	0	77	77	—	—	—	—	—	59
	Sirajgan	070	9	6	18	02	98	02	2	080	81	6	2	6	0	0	79	75	— 6	— 2	41.6	— 3.0	49 2	64
	Rajshahi	000	0	6	18	03	96	03	1	082	81	6	5	5	0	0	75	75	— 2	+ 2	37.2	—	71.4	—
	Bogra	249	9	8	00	00	96	21	6	086	79	5	5	4	2	/	75	75	— 8	— 2	—	—	—	69
	Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 11					72
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3					84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	23	02	95	05	0	079	81	0	0	9	0	0	68	75	— 3	+ 7	13 4	— 1.0	17.9	19
	Sialkot																							32
Rawalpindi	Jhelum	000	0	0	00	00	95	05	0	078	31	0	0	9	0	0	68	73	—	—	22.0	—	30.3	—
	Islamabad																							—
	Rawalpindi	000	0	0	00	00	97	00	0	082	73	0	0	9	0	0	62	69	0	+ 4	19.7	— 4.6	28.8	36
	Campbellpur																							
Sargodha	Khushab	000	0	0	00	00	97	00	0	072	81	0	0	9	0	0	79	69	— 2	— 2	3.8	— 6.3	7 2	15
	Sargodha	000	0	0	18	02	96	04	0	074	79	0	0	9	0	0	69	73	—	—	16.5	—	20.1	—
	Lyallpur	000	0	0	00	00	96	00	0	069	73	0	0	9	0	0	68	69	0	— 1	4.7	— 4.5	7.6	12
Multan	Sahiwal																							10
	Multan	000	0	0	23	02	97	02	0	076	77	0	0	9	0	0	62	73	0	0	8.0	+ 3.1	11.0	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Bahawalpur	Khanpur	000	0	0	23	05	97	02	0	076	81	0	0	9	0	0	64	73	0	+ 1	0.2	— 4.7	1.1	6
	Bahawalpur	000	0	0	00	00	96	00	0	///	82	0	0	9	0	0	69	73		+ 3	0.7	— 3.5	2.0	6
	Fort Abbas	000	0	0	23	02	98	00	0	066	80	0	0	9	0	0	72	77	—	—	—	—		8
Peshawar	Chakdra	000	0	0	05	02	97	02	0	979	69	0	0	9	0	0	59	64	—	—	7.2	—	16.6	—
	Peshawar	000	0	0	00	00	96	05	0	082	77	0	0	9	0	0	60	73	+ 2	+ 6	4 7	+ 0.3	13.4	11
	Haripur																							—
D. I. Khan	Bannu	000	0	5	31	02	98	02	1	078	77	0	0	9	0	0	68	75	—	—	—	—	—	11
	D. I. Khan	000	0	0	00	00	95	05	4	078	79	0	0	9	0	0	69	75	— 2	+ 4	3.5	— 1.9	6.0	9
Quetta	Sibi	000	0	0	00	00	97	02	0	080	79	0	0	9	0	0	58	73	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	09	03	96	02	0	083	75	0	0	9	0	0	46	69	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	23	02	96	00	0	951	76	0	0	9	0	0	70	67	—	—	0.2	—	0.2	—
	Jiwani	080	0	6	11	05	96	03	2	093	73	6	6	4	0	0	72	76	—	—	0.0	—	2.0	5
	Pasni	000	0	4	13	14	97	02	0	091	78	4	0	9	2	0	74	58	— 3	— 13	0.0	— 0.9	0.0	6
Karachi division	Ormara																							8
	Lasbela																							8
	Karachi (Manora)	003	0	3	27	03	96	03	0	102	78	1	6	4	2	0	74	76	— 3	0	1.0	— 5.0	1.1	8
	Karachi (Airport)	000	0	6	27	03	96	03	1	100	77	6	6	5	0	0	72	75	—	—	1.5	—	1.5	—
Hyderabad	Nagarparkar	000	0	0	05	02	97	02	0	141	79	0	0	0	0	0	77	78	—	—	0.1	—	0.1	—
	Chhor	000	0	3	23	05	96	01	1	095	77	3	6	5	0	0	71	73	—	—	0.2	—	0 3	7
	Hyderabad	000	0	0	23	03	97	02	0	087	78	0	0	9	0	0	72	75	— 1	0	0.2	— 5 8	0.3	9
	Badin	000	0	0	23	03	96	02	0	087	76	0	0	9	0	0	73	75	— 5	+ 1	0.3	— 6.9	0 3	—
Khairpur	Padidan	000	0	0	16	05	97	02	0	084	77	0	0	9	0	0	69	73	—	—	0 8	—	0.8	—
	Nawabshah	000	0	0	13	03	96	02	0	086	77	0	0	9	0	0	72	72	—	—	1.1	—	1.1	4
	Sukkur	000	0	0	23	05	96	02	0	083	81	0	0	9	0	0	72	76	—	—	0.1	—	0.1	—
	Kashmore	000	0	0	23	02	98	02	0	061	78	0	0	9	0	0	69	73		—	0.0	—	0.0	4
	Jacobabad	000	0	0	18	03	96	02	0	080	79	0	0	9	0	0	73	75	— 4	+ 2	0 5	— 1.8	6.8	20
Junagadh	Veraval																							26
	HILL STATIONS																							
Kashmir	Srinagar *																							—
	Gulmarg **																							71
	Sonamarg **																							26
	Dras **																							3
	Leh **																							6
	Skardu *																							—
	Misgar **																							—
	Aliabad *																							5
	Gilgit *																							59
Rawalpindi	Murree *	000	0	0	29	09	98	00	0	464	52	0	0	9	0	0	47	54	+ 3	+ 1	15.7	—19.6	33.4	18
Peshawar	Drosh *	000	0	0	00	00	98	02	0	520	64	0	0	9	0	0	40	63	—	+ 3	3.1	—	14.3	29
	Cherat *	000	0	0	36	03	98	03	0	485	73	0	0	9	0	0	54	//	+ 3	/	3.1	— 0.8	13.4	—
	Kakul *	000	0	0	31	03	97	02	0	499	68	0	0	9	0	0	51	64	—	—	16.0	—	26.7	—
	Landikotal *	000	0	0	36	05	96	02	0	336	73	0	0	9	0	0	73	62	—	—	2.1	—	2 7	29
	Parachinar *	038	0	0	05	02	97	05	0	510	64	0	0	9	0	0	40	58	0	+ 3	—	—	—	13
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	470	72	0	0	9	0	0	45	67		—	—	—	—	11
	Wana *	003	0	0	00	00	99	00	0	497	69	0	0	9	0	0	47	60	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman *	000	0	0	00	00	96	05	0	481	69	0	0	9	0	0	42	63	— 2	+ 2	2.2	— 2.8	6.5	—
	Hindubagh *	000	0	0	00	00	97	02	0	515	59	0	0	9	0	0	32	45	—	—	2.7	—	5.9	9
	Loralai *	000	0	0	18	02	98	00	0	390	55	0	0	9	0	0	44	48	—	—	0.6	—	0.6	—
	Barkhan *																							14
	Harnai *	000	0	0	00	00	96	02	0	472	73	0	0	9	0	0	48	//	—	/	3.9	— 3.5	5.6	9
	Samungli (Quetta) *	000	0	0	13	05	96	05	0	518	56	0	0	9	0	0	36	42	—	—	0.5	— 0.5	3.1	8
	Chaman *	000	0	0	09	07	97	00	0	459	67	0	0	9	0	0	39	63	+ 2	+ 4	2.2	+ 1.9	4.8	—
	Nushki *	000	0	0	07	05	97	02	0	524	76	0	0	9	0	0	42	72	—	—	0.5	—	2.7	4
	Dalbandin *	000	0	0	05	02	97	02	0	498	67	0	0	9	0	0	15	54	+ 2	— 4	0.0	— 0.2	0.5	7
Kalat	Kalat *	000	0	0	16	02	97	02	0	501	60	0	0	9	0	0	42	45	0	+ 1	0.9	— 0.3	2.2	—
	Khuzdar *	000	0	0	05	02	96	02	0	492	70	0	0	9	0	0	35	63	—	—	1.9	—	3.2	5
	Panjgur *																							—

† Given in Code.

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

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

RRR at 0300 G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR, at 1200 hrs. is rainfall since 0000 hrs. G.M.T. of the same day.

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 28th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_Lh_hC_MC_H$	D_sV_sa PP	7RR t_gt_R	8$N_sCh_sh_s$	$OT_aT_iT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Arabian Sea	99 2 40	10 5 67	27 1 23	05 8 10	98 8 70	08 2 31	00 9 00	74 7 10			05 1 24	13 1 28	30 1 01	
Bamora	99 2 60	10 6 08	27 1 23	01 7 02	98 0 10	06 1 30	00 9 00	63 7 15			00 3 78		30 2 01	
Ataryleridesu	99 2 53	10 6 73	27 1 84	06 0 05	98 0 20	10 0 30	00 9 00	74 2 18			05 5 27	13 2 30	30 1 01	
Nikolaiograv	99 1 42	10 5 33	27 1 81	11 0 05	98 0 20	15 0 26	10 7 50	14 3 04			...	12 3 00	...	
Bamara	99 2 53	10 5 90	27 1 83	01 8 02	98 0 20	06 4 29	00 9 00	17 9 07			05 1 81	...	30 3 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
		PoPo o ToToTo DoDo	hhh TT$_a$ DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	00 00	004 268 01	...	435 186 06	126 094 G1	585 049 50	757 151 50	969 291 57	247 493 / /	430 625 / /				
Dacca	00 00	006 270 14	...	400 162 61	092 084 60	581 047 58	754 153 65	965 306 64	241 140 16	423 631 / /	664 781 / /	...	...	...
Gilgit	...													
Jiwani	...													
Karachi	00 00	008 270 25	...	400 193 35	123 110 / /	580 721 / /	762 085 / /	977 251 / /	261 415 / /	...	...	...	...	...
Multan	00 00	991 244 59	...	500 190 61	102 052 02	575 151 / /	737 301 / /	937 034 06	204 551 / /	385 621 / /	...	...	...	...
Peshawar	00 00	967 230 57	...	448 210 60	105 106 61	588 051 / /	754 185 / /	962 291 / /	...	...	...	...	...	...
Quetta	00 00	821 225 07	...	...	124 086 / /	581 105 / /	747 279 / /	950 353 / /	...	...	...	...	...	...
Sargodha	00 00	993 254 57	...	500 234 59	205 094 57	589 095 / /	759 191 / /	969 275 / /	254 395 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels.									Max. Wind Speed	TROPOPAUSE	
		PPP TT T$_a$ DD									PmPmPm dmdm fmfmfm	P$_t$T$_a$P$_t$T$_t$T$_a$T$_{at}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	00 00	900 208 08	800 154 06	600 032 49	350 221 56	...	...	...	...	...	...	...	...
Dacca	00 00	900 196 58	830 130 62	600 028 60	350 221 62	258 403 / /	...	...	...	...	...	...	...
Gilgit	...												
Jiwani	...												
Karachi	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	00 00	...	800 182 / /	600 900 / /	350 319 / /	250 407 / /	...	...	...	...	...	...	...
Sargodha	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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.

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	.3	0.6	0.9	1.5	2.1	3.4	4.5	5.4	6.0	7.2	9.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	103 12	145 21	180 21	...	...	...	...	...	...	145 12	145 17	155 17	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chaklala	...	250 05	265 05	250 05	240 04	205 10	275 25	295 15	270 16	...	075 04	345 05	...	...	...	205 11	215 06	215 04	215 04	190 04	170 04	215 06	...	...	...	...
Chhor	235 10	226 17	220 16	140 03	340 10	340 08	015 17	340 06	225 12	240 23	240 22	255 13	300 05	300 07	305 13	...	245 07	310 07	310 07	290 09	...	...	...	...	...	...
Chittagong	180 09	180 09	185 12	160 10	170 09	160 10	...	...	...	...	...	...	290 09	...	...	225 09	230 07	270 04	280 06	355 06	050 06	030 08	345 10	330 12	...	...
Cox's Bazar	200 11	215 11	215 09	180 06	180 06	...	...	...	...	...	...	...	...	...	...	220 09	210 10	205 15	165 10	125 07	145 08	155 17	...	...	...	...
Dacca	165 03	170 05	180 05	205 05	225 05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin	...	...	085 06	195 01	280 08	355 11	285 11	320 10	320 16	155 13	165 15	175 13	170 10	170 12	...	155 10	165 10	170 10	170 15	160 13	200 13	...	...	...	...	...
D. I. Khan	170 03	160 05	155 08	135 08	195 05	...	...	...	...	...	...	...	035 04	045 11	025 17	010 31	...	080 05	060 08	035 12	025 17	010 04	020 08	015 09	340 07	280 26
Drosh	...	...	...	...	...	...	...	...	...	085 05	085 07	090 08	090 08	110 10	...	060 01	035 04	015 06	020 06	355 05	330 06	310 04	310 06	315 07	300 16	310 33
Fort Sandeman	...	...	...	225 02	175 03	255 08	310 12	300 10	295 22	...	...	...	...	100 01	050 03	015 02	...	...	...	035 03	025 10	010 09	105 11	060 04	060 06	180 17
Jacobabad	170 07	180 06	130 13	210 03	305 06	275 05	320 19	345 06	355 44	145 11	135 14	315 03	015 04	250 07	360 06	320 11	140 07	125 07	220 06	235 02	195 05	295 06	270 11	270 08	295 04	075 03
Jessore	195 12	195 15	200 17	205 19	205 19	...	...	...	...	245 07	240 08	240 08	205 13	290 06	030 08	...	200 03	165 06	160 08	150 09	...	...	...	...	...	...
Jhelum	200 07	185 07	190 07	280 07	350 12	320 14	275 14	295 08	330 12	145 05	265 03	340 08	325 07	320 11	290 13	130 01	160 02	295 04	290 11	320 12	320 14	345 10	310 12	295 18	301 4	293 0
Jiwani	160 08	185 02	110 02	070 04	015 09	010 15	040 17	345 18	300 20	125 09	075 02	330 08	...	...	...	115 08	110 05	...	...	...	...	...	...	...	...	...
Karachi	245 12	260 12	290 10	325 06	325 04	120 05	035 13	350 10	330 16	...	...	...	...	...	...	260 11	265 09	270 06	...	...	...	...	...	...	...	...
Khanpur	220 06	200 04	200 06	130 07	125 08	190 06	143 08	075 12	030 06	205 12	210 14	210 17	205 18	250 10	295 16	210 27	215 30	215 31	215 26	230 23	255 09	225 05	355 89	...	...	...
Lahore	300 03	285 03	300 03	305 04	335 09	305 12	...	...	...	280 05	290 06	300 05	315 05	295 09	285 13	235 03	230 08	255 06	265 06	305 08	300 13	305 21	325 29	295 29	290 27	...
Multan	195 13	195 13	280 12	215 14	235 09	288 12	005 04	350 07	330 16	205 25	260 13	260 17	295 08	390 08	265 04	230 10	230 10	280 11	275 14	265 13	255 12	260 15	285 19	290 19	350 07	...
Nawab Shah	105 03	175 05	140 03	185 01	325 09	355 10	325 10	320 19	315 31	180 07	170 05	205 01	350 07	025 08	020 19	160 06	145 04	350 04	025 05	055 06	055 12	030 08	020 07	330 12	310 17	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pashawar	...	060 07	075 06	165 08	185 09	245 08	290 21	310 17	330 51	...	330 12	360 09	010 03	010 03	335 12	...	310 09	290 06	340 07	310 09	295 13	315 13	320 17	320 12	...	...
Quetta	...	...	...	...	320 04	270 03	330 12	390 15	300 22	...	...	...	...	...	...	...	...	...	...	245 05	265 06	275 17	280 15	300 19	320 12	...
Sargodha	195 05	195 09	200 06	265 04	240 03	285 10	...	...	...	230 04	230 06	230 02	285 03	320 10	280 20	230 02	235 01	240 01	315 04	310 06	315 09	330 10	330 11	325 12	...	...
Sylhet	255 03	240 03	220 03	205 05	205 09	250 10	230 12	235 12	285 13	190 06	195 08	195 09	...	...	...	190 03	200 05	180 04	160 05	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION ↓	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	...																	
Dacca	...																	
Karachi	...	265 10	265 08	265 10	265 10	015 06	015 15	015 16	020 10	360 07	300 20	-	...	...	...	...	...	...
Peshawar	...																	
Quetta	...																	

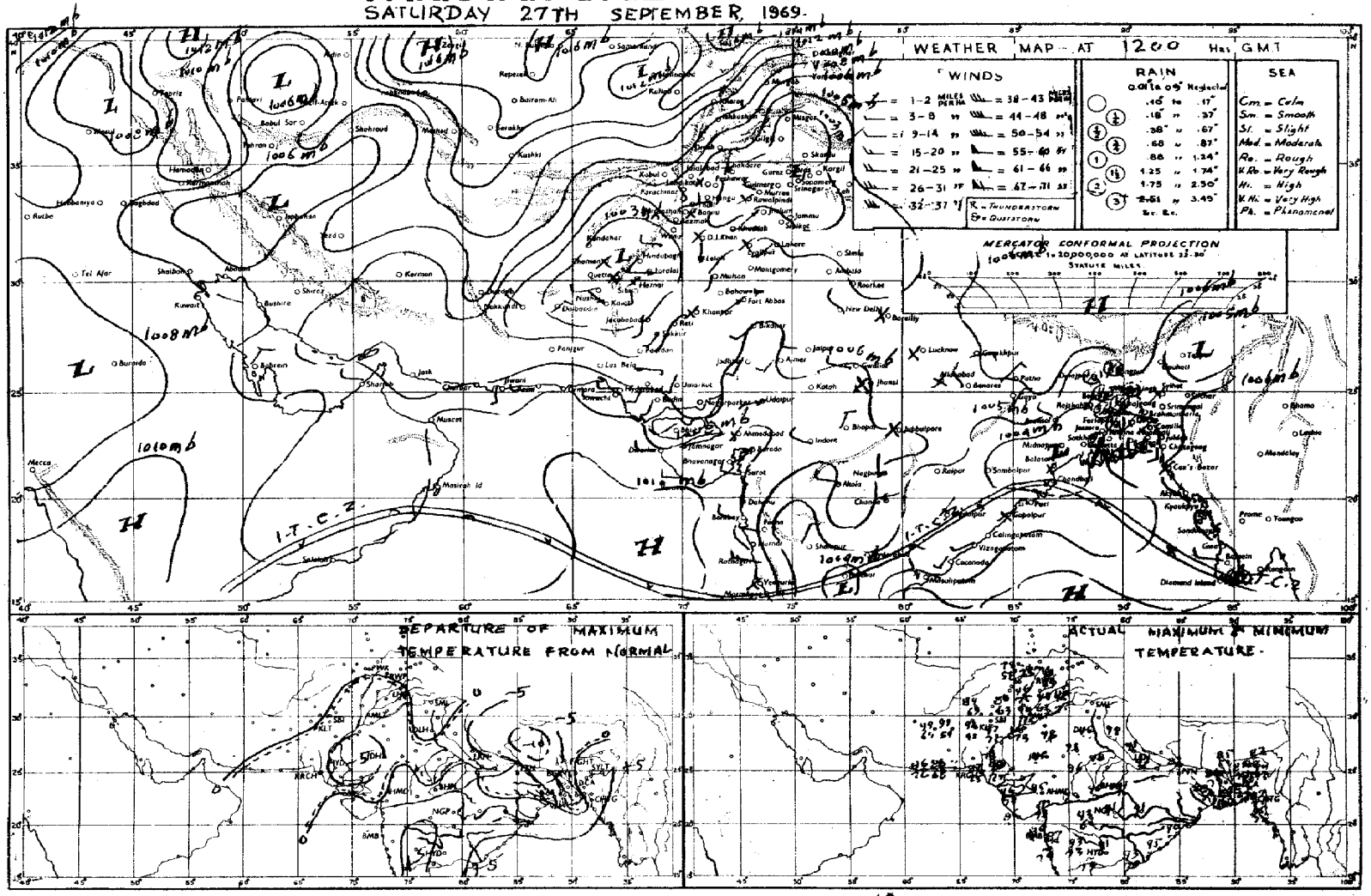
*The first two figures in each column give the wind direction "dd" in tens of degree counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the kundre
figures for wind speed "ff" is omitted.
dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°
ff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist. Weather Centre/ Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

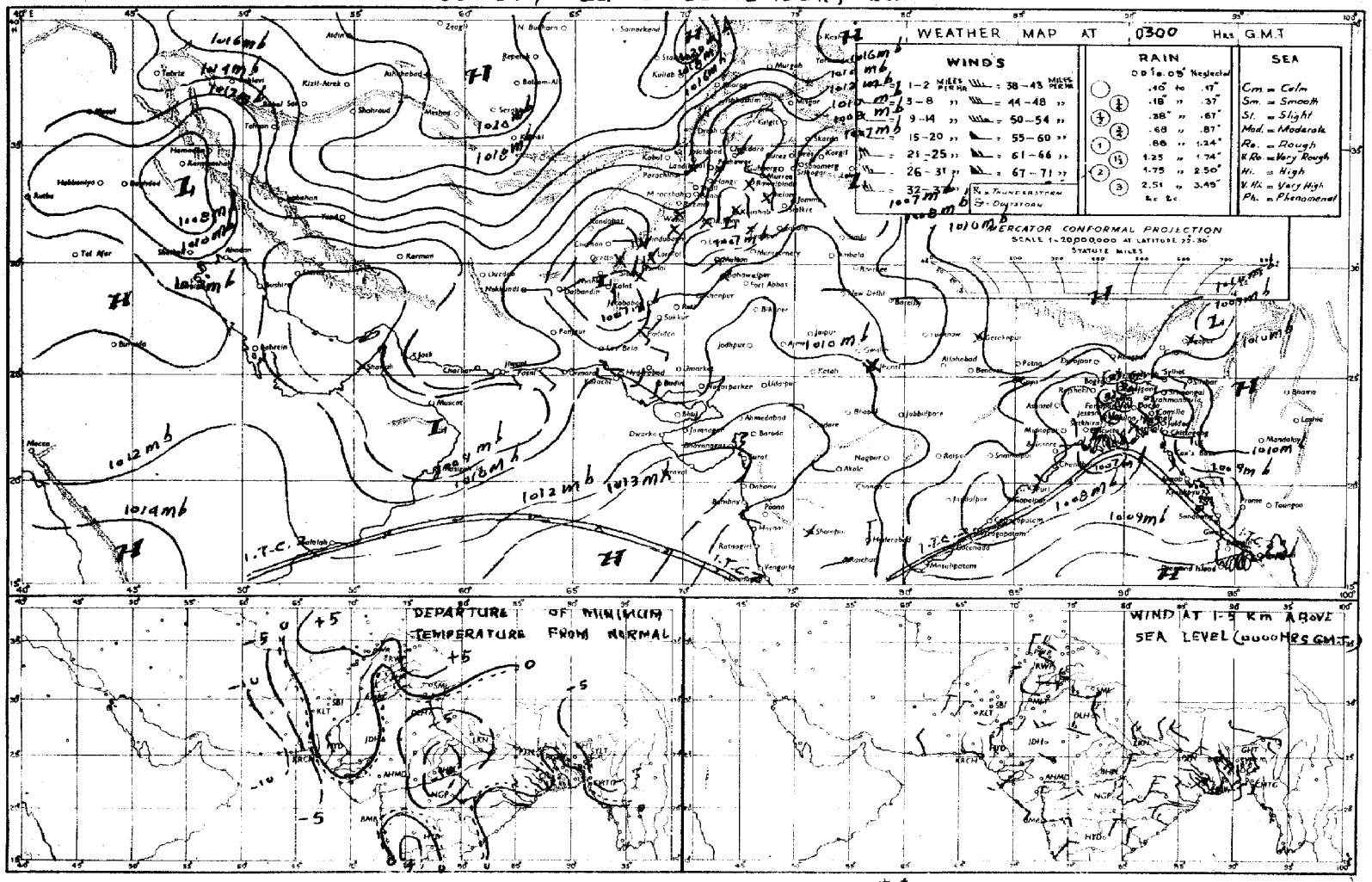
SATURDAY 27TH SEPTEMBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 28TH SEPTEMBER, 1969.



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs; 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

MONDAY THE 29th SEPTEMBER 1969.

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

Yesterday's low pressure area over west Bengal and adjoining northwest Bay of Bengal persists.

Rain/thundershowers have been local in Khulna division and scattered in Dacca and Rajshahi divisions. Khulna recorded 1¼" of rainfall.

Yesterday's low pressure wave over extreme northern regions of west Pakistan moved away. The seasonal trough of low pressure extends from Kalat division to D. I. Khan division. A western disturbance is moving across Russain Turkistan.

Weather remained dry over West Pakistan.

Day temperatures were 3—7 °F (2—4 °C) above normal in Khulna, Peshawar, Quetta north Kalat divisions and 3—6 °F (2—3 °C) below normal in Rajshahi and south Kalat division.

Forecast valid until the evening of 30th September 1969 :— Fairly widespread rain or thundershowers are likely to occur in East Pakistan. A few thunderstorms may also occur in Rawalpindi and Peshawar divisions. Weather is likely to remain dry elsewhere over West Pakistan.

Karachi-11
The 29th September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

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

DIVISIONS	STATIONS	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Winds speed in Knots	Horizontal visibility†	Present weather †	Past weather †	Sea level pressure (mbs. and tenths) °	Dry Bulb temperature °	Amount of Lowest Cloud †	Low Clod from †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud from †	Dewpoint temperature °F	Maximum temperature °F
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Rangamati	000	0	2	18	02	96	01	0	072	85	1	1	7	0	0	76	90
	Cox's Bazar	000	0	4	00	00	96	02	0	067	82	3	5	4	1	0	76	85
	Chittagong	000	0	4	23	05	96	02	2	070	82	3	4	4	3	0	77	87
	Maijdee Court	000	9	2	00	00	96	02	1	063	85	2	1	5	0	0	73	87
	Comilla	000	0	2	00	90	96	02	1	066	85	2	4	7	0	0	77	90
	Brahmanbaria	000	0	2	90	00	96	03	1	063	86	2	4	5	0	0	77	90
	Sylhet	000	0	1	27	03	96	02	0	057	81	1	4	5	0	0	76	90
	Srimangal																	
Dacca	Mymensingh	000	0	2	00	00	96	07	1	067	73	2	5	5	0	0	77	86
	Narayanganj	000	0	1	13	02	96	01	1	062	85	1	6	6	0	0	76	90
	Dacca (Tezgaon)	000	0	3	18	05	96	01	0	063	85	2	9	5	4	1	76	90
	Faridpur	011	4	4	16	02	95	02	6	025	82	3	5	5	1	0	76	86
Khulna	Barisal	003	0	5	18	02	96	02	1	066	82	3	4	4	0	4	77	90
	Khulna	000	0	5	10	00	97	03	0	054	85	2	3	4	0	0	80	89
	Satkhira	000	0	5	18	01	97	03	1	056	82	5	4	5	1	0	80	90
	Jessore	000	0	6	00	00	97	02	2	056	86	5	3	4	2	0	77	87
Rajshahi	Pabna	081	0	1	13	02	97	01	1	057	82	1	2	6	0	0	77	86
	Sirajganj	000	0	4	18	01	97	02	2	068	85	4	4	6	0	0	76	86
	Rajshahi	000	0	6	23	07	96	03	1	060	82	6	7	5	0	0	76	86
	Bogra	024	6	5	00	00	96	02	0	054	80	2	4	4	3	0	77	82
	Dinajpur	010	8	6	00	00	96	01	6	037	85	3	5	5	2	0	78	85
	Rangpur																	
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	06	0	059	93	0	0	9	0	0	59	96
	Sialkot																	
Rawalpindi	Jhelum	000	0	0	27	02	96	02	0	051	96	0	0	9	0	0	63	100
	Islamabad																	
	Rawalpindi	000	0	0	00	00	98	00	0	050	90	0	0	9	0	0	68	93
	Campbellpur																	
Sargodha	Khushab	000	0	0	00	00	96	06	0	050	95	0	0	9	0	0	82	98
	Sargodha	000	0	0	27	02	97	02	0	053	93	0	0	9	0	0	70	100
	Lyallpur	000	0	0	00	00	96	00	0	052	93	0	0	9	0	0	68	98
Multan	Sahiwal	000	0	0	18	07	97	02	0	055	96	0	0	9	0	0	67	98
	Multan	000	0	0	18	01	94	00	0	043	98	0	0	9	0	0	67	92
	Leiah																	
Bahawalpur	Khanpur	000	0	0	00	00	97	02	0	059	98	0	0	9	0	0	64	100
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Abbas																	
Peshawar	Chakdra	000	0	0	18	03	97	02	0	015	98	0	0	9	0	0	60	93
	Peshawar	000	0	0	00	00	96	05	0	034	91	0	0	9	0	0	59	96
	Haripur	000			23	03	97	00	0	047	87	0	0	9	0	0	56	90
D. I. Khan	Bannu	000	0	6	09	02	98	02	1	033	93	0	0	9	0	7	67	96
	D. I. Khan	000	0	0	00	00	98	00	0	035	96	0	0	9	0	0	70	96
Quetta	Sibi	000	0	0	18	03	97	02	0	052	03	0	0	9	0	0	61	104
	Nokkundi	000	0	0	31	05	97	02	0	022	99	0	0	9	0	0	36	102
Kalat	Turbat	000	0	0	22	02	96	00	0	094	97	0	0	9	0	0	67	97
	Jiwani	000	0	0	13	12	96	01	0	092	81	0	0	9	0	0	72	85
	Pasni	000	0	4	25	08	97	02	0	093	84	4	0	9	1	0	74	87
Karachi division	Ormara																	
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Manora)	000	0	0	25	05	97	02	0	093	82	0	0	9	0	0	73	86
	Karachi (Ariport)	000	0	0	25	09	96	01	0	089	85	0	0	9	0	0	69	87
Hyderabad	Nagarparker	000	0	0	23	02	97	02	0	089	95	0	0	0	0	0	//	96
	Chhor	000	0	0	23	09	96	02	0	072	93	0	0	9	0	0	63	96
	Hyderabad	000	0	0	23	07	97	02	0	071	93	0	0	9	0	0	63	98
	Badin	000	0	0	23	06	96	02	0	081	92	0	0	9	0	0	70	95
Khairpur	Padidan	000	0	0	13	03	96	02	0	040	81	0	0	9	0	0	72	105
	Nawabshah	000	0	0	00	00	96	02	0	079	97	0	0	9	0	0	68	100
	Sukkur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kashmore	000	0	0	23	01	58	02	0	033	95	0	0	9	0	0	70	97
	Jacobabad	080	0	0	18	03	97	02	0	060	97	0	0	9	0	0	68	99
Junagadh	Veraval																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	0	0	27	03	98	00	0	489	68	0	0	9	0	0	49	72
Peshawar	Drosh *	000	0	6	27	09	97	02	1	458	85	0	0	9	0	0	38	91
	Cherat *	000	0	0	36	06	98	00	0	492	85	0	0	9	0	0	56	87
	Kakul *	000	0	0	23	03	97	02	0	489	80	0	0	9	0	0	49	86
	Landikotal *	000	0	0	31	05	98	02	0	305	90	0	0	9	0	0	47	90
	Prachinar *	000	0	1	16	05	96	05	0	490	77	1	1	7	0	0	43	82
D.I. Khan	Miranshah *	070	0	0	05	05	99	00	0	460	87	0	0	9	0	0	51	87
	Wana *	000	0	0	13	03	99	00	0	466	98	0	0	9	0	0	41	90
Quetta	Fort Sandeman *	000	0	0	18	02	98	02	0	462	83	0	0	9	0	0	14	91
	Hindubagh *	000	0	0	23	03	97	02	0	420	84	0	0	9	0	0	69	85
	Loralai *	000	0	0	27	02	98	00	0	395	85	0	0	9	0	0	55	07
	Barkhan *	000	0	0	13	05	98	00	0	436	80	0	0	9	0	0	57	94
	Harnai *	000	0	0	00	00	96	02	0	465	92	0	0	9	0	0	47	94
	Samungli (Quetta) *	000	0	0	00	00	97	02	0	489	85	0	0	9	0	0	31	86
	Chaman *	000	0	0	27	05	97	00	0	491	88	0	0	9	0	0	28	91
	Nushki *	000	0	0	27	05	97	02	0	529	91	0	0	9	0	0	56	93
	Dalbandin *	000	0	0	00	00	97	02	0	503	95	0	0	9	0	0	28	98
Kalat	Kalat *	000	0	0	31	02	96	02	0	474	80	0	0	9	0	0	51	82
	Khuzdar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Panjgur *	000	0	0	36	03	96	02	0	497	95	0	0	9	0	0	33	98

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

DIVISIONS	STATIONS	Rainfall in Cents	Past weather commenced at †	Total clud amount	Wind direction in tens of degrees	Wind speed in konts	Horizontal visibility †	Present weather †	Past Weather	Sea level pressure (mbs. and tenths) *	Dry Bulb temperature	Amounts 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, 1969 to-date	Departure from normal	Since 1st January, 1969 to-date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	h	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—				—
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	−2					140
	Chittagong	002	9	4	13	02	96	01	6	095	84	4	8	4	0	0	75	76	+2	0	54.2	−23.0	103.4	108
	Maijdee Court	000	9	0	00	00	97	00	0	083	81	0	0	9	0	0	77	77	0	0	—	—	—	115
	Comilla	000	0	3	18	05	96	02	0	093	84	0	0	9	1	0	72	75	+2	−1	83.5	+20.5	100.9	94
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					78
	Sylhet	000	0	5	09	08	96	02	2	086	82	4	5	4	2	0	77	73	—	—	116.0	—	143.9	—
	Srimangal																							98
Dacca	Mymensingh	000	0	4	00	00	97	01	1	095	84	5	5	4	0	0	77	74	−1	−3	—	—	—	91
	Narayanganj	003	0	4	23	02	97	02	2	082	84	3	6	6	3	1	77	80	+2	+2	47.4	−0.7	69.4	74
	Dacca (Tezgaon)	C07	2	7	18	02	97	29	9	091	81	4	9	4	3	0	77	79	—	—	49.4	—	60.6	—
	Faridpur	011	0	5	16	02	97	02	2	095	82	4	4	5	1	0	77	78	−1	0	—	—	—	71
Khulna	Barisal	000	0	5	27	02	97	02	2	091	82	4	8	4	1	0	64	79	+3	+1	—	—	—	81
	Khulna	125	9	2	00	00	97	03	0	///	84	2	2	4	0	0	78	77	+1	+1	—	—	—	60
	Satkhira	000	0	4	23	01	97	03	1	058	84	4	4	6	1	0	78	78	+3	+2	—	—	—	65
	Jessore	000	0	6	21	04	97	02	2	090	82	6	4	4	0	0	77	79	—	—	—	—	—	66
Rajshahi	Pabna	000	0	2	23	02	99	03	1	088	82	2	2	7	0	0	77	77	—	−1	—	—	—	59
	Sirajganj	000	0	2	18	02	98	02	2	085	82	2	2	6	0	0	78	78	−2	+	41.6	−3.3	49.2	64
	Rajshahi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	−2					—
	Bogra	017	0	3	18	02	96	03	0	089	80	3	4	5	0	0	75	77	−6	−0	—	—	—	69
	Dinajpur	010	0	5	09	02	96	03	1	089	82	2	2	6	2	0	78	75	−2	−1	—	—	—	72
	Rangpur																							84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	06	0	082	81	0	0	9	0	0	64	73	−2	+	13.4	−1.2	17.9	19
	Sialkot																							32
Rawalpindi	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Islamabad																							—
	Rawalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					38
	Campbellpur																							—
Sargodha	Khushab	000	0	0	00	00	97	00	0	074	82	0	0	9	0	0	69	73	0	+2	3.8	−6.4	7.2	15
	Sargodha	000	0	0	09	02	96	04	0	074	79	0	0	9	0	0	68	73	—	—	16.5	—	20.1	—
	Lyallpur	000	0	0	00	00	96	00	0	068	79	0	0	9	0	0	73	73	0	+3	4.7	−4.5	7.6	12
Multan	Sahiwal	000	0	0	23	05	97	02	0	076	82	0	0	9	0	0	62	73	0	0	8.0	+3.1	11.0	10
	Multan	030	0	0	23	01	97	00	0	060	82	0	0	9	0	0	69	79	—	—	0.9	—	2.8	7
	Leiah																							8
Bahawalpur	Khanpur	000	0	0	23	05	97	02	0	084	77	0	0	9	0	0	59	65	0	+7	0.2	−3.6	1.1	4
	Bahawalpur	000	0	0	00	00	96	00	0	085	81	0	0	9	0	0	64	71		+1	0.7	−3.5	2.0	6
	Fort Abbas																					—		8
Peshawar	Chakdra	000	0	0	00	00	97	02	0	082	68	0	0	9	0	0	60	64	—	—	7.2	—	16.6	—
	Peshawar	000	0	0	31	02	96	05	0	081	75	0	0	9	0	0	62	73	+3	+6	4.7	+0.3	13.4	11
	Haripur	000	0	0	05	02	97	00	0	090	79	0	0	9	0	0	62	65		—	7.7	—	17.9	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	083	75	0	0	9	0	0	69	//	—	—	0.7	—	4.5	11
	D. I. Khan	000	0	0	80	00	96	04	0	092	79	0	0	9	0	0	69	73	−2	+2	3.5	−1.9	6.0	9
Quetta	Sibi	000	0	0	18	03	97	02	0	088	78	0	0	9	0	0	66	78	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	36	13	96	02	0	084	81	0	0	9	0	0	42	63	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	1	23	02	96	00	0	067	77	0	0	9	0	0	69	67	—	—	0.2	—	0.2	—
	Jiwani	000	0	6	13	03	96	02	2	///	73	6	0	5	0	0	69	77	—	—	0.0	—	2.0	5
	Pasni	000	0	4	13	02	97	02	0	127	77	4	0	9	0	1	74	56	−4	−15	0.0	−0.9	0.0	4
Karachi division	Ormara																							8
	Lasbela	000	0	0	00	00	98	00	0	//9	74	0	0	9	0	0	69	64		—	—	—	—	8
	Karachi (Manora)	000	0	0	27	03	96	02	0	117	78	0	0	9	0	0	71	76	0	0	1.0	−3.0	1.1	8
	Karachi (Ariport)	000	0	2	27	07	96	02	0	119	76	2	6	5	0	0	71	73	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	142	77	0	0	9	0	0	77	76	—	—	0.1	—	0.1	—
	Chhor	000	0	0	00	00	96	02	0	105	75	0	0	9	0	0	78	67	—	—	0.2	—	0.3	7
	Hyderabad	000	0	0	23	02	97	02	0	///	78	0	0	9	0	0	69	73	−1	−2	0.2	−5.9	0.3	9
	Badin	000	0	0	23	02	96	02	0	///	//	0	0	9	0	0	71	74	−1	0	0.3	−6.9	0.3	—
Khairpur	Padidan	003	0	0	13	02	97	01	0	091	76	0	0	9	0	0	64	71	—	—	0.8	—	0.8	4
	Nawabshah	000	0	0	18	05	96	02	0	098	75	0	0	9	0	0	64	69	—	—	1.1	—	1.1	—
	Sukkur	000	0	0	23	05	96	02	0	089	84	0	0	9	0	0	69	76	—	—	0.1	—	0.1	4
	Kashmore	000	0	0	23	02	98	02	0	070	80	0	0	9	0	0	70	74	—	—	0.0	—	0.0	20
	Jacobabad	080	0	0	18	03	96	02	0	085	79	0	0	9	0	0	72	75	−2	+2	0.5	−1.8	6.8	26
Junagadh	Veraval																							—
	HILL STATIONS																							
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							3
	Dras **																							6
	Leh **																							—
	Skardu *																							—
	Misgar **																							5
	Aliabad *																							59
	Gilgit *																							
Rawalpindi	Murree *	000	0	0	29	05	98	00	0	496	62	0	0	9	0	0	47	54	+2	+1	15.7	−19.8	33.4	18
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	40	+7	+1	3.1	−0.9	13.4	29
	Cherat *	000	0	0	36	03	98	00	0	492	73	0	0	9	0	0	56	64	+4	—	16.0	—	26.7	—
	Kakul *	000	0	0	36	05	94	05	0	503	75	0	0	9	0	0	54	62	—	—	2.1	—	2.6	—
	Landikotal *	000	0	0	36	02	98	02	0	287	73	0	0	9	0	0	51	58	—	—	—	—	—	29
	Prachinar *	008	0	0	00	00	96	05	0	513	64	0	0	9	0	0	43		+4	+3				13
D.I. Khan	Miranshah *	007	0	0	25	05	99	00	0	471	73	0	0	9	0	0	62	65	—	—	0.5	−4.2	2.0	11
	Wana *	000	0	0	80	00	99	00	0	496	69	0	0	9	0	0	47	60	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman *	000	0	0	00	00	97	02	0	496	71	0	0	9	0	0	40	66	−1	+5	2.2	−2.8	4.5	—
	Hindubagh *	000	0	0	27	02	97	02	0	506	60	0	0	9	0	0	14	48	—	—	2.7	—	5.9	9
	Loralai *	000	0	0	18	02	98	00	0	398	55	0	0	9	0	0	54	44	—	—	0.6	—	0.6	—
	Barkhan *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						14
	Harnai *	000	0	0	00	00	96	02	0	476	73	0	0	9	0	0	53	//		/	3.9	−3.6	5.6	9
	Samungli (Quetta) *	000	0	0	00	00	96	02	0	328	58	0	0	9	0	0	33	43	—	—	0.5	−0.5	3.1	8
	Chaman *	000	0	0	09	03	97	00	0	578	77	0	0	9	0	0	47	65	+4	+6	2.2	+1.9	4.8	—
	Nushki *	000	0	0	07	05	97	02	0	558	81	0	0	9	0	0	42	67	—	—	0.5	—	2.7	4
	Dalbandin *	000	0	0	34	02	97	02	0	500	69	0	0	9	0	0	26	58	+1	0	0.0	−0.2	0.5	7
Kalat	Kalat *	000	0	0	16	02	97	02	0	522	56	0	0	9	0	0	41	45	+3	+1	0.9	−0.3	2.2	—
	Khuzdar *	000	0	0	00	00	96	02	0	510	71	0	0	9	0	0	61	68	—	—	1.9	—	3.2	5
	Panjgur *	000	0	0	00	00	96	02	0	511	69	0	0	4	0	0	59	64	+4	+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

MONDAY THE 29th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_lhC_MC_H$	D_sV_sa PP	7RR t_gt_g	8$N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_{wt}T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARABIAN SEA														
Arabian Sea	99 2 53	10 5 75	28 0 64	10 5 10	97 0 07	05 0 31	14 5 11	33 1 85			05 4 26	13 3 00	3/ / //	
Bamora	99 2 90	10 5 82	28 0 63	02 3 20	98 0 10	14 0 26	00 9 00	14 2 13			05 2 24	12 6 52	30 5 03	
Alaryierideau	99 1 87	10 5 74	28 1 21	02 1 04	98 0 20	13 1 30	03 9 00	14 8 11			...	12 8 21	30 6 02	
Nikolaiogrev	99 1 85	10 6 45	27 4 83	13 1 02	98 0 20	11 2 26	12 4 00	...			0 / / / /	12 7 54	30 1 01	
Bamara														

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
		PoPo/ c ToToTo DoDo	hhh TTs DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00	074 254 / /	...	450 178 84	129 10/ 50	588 037 59	760 147 58	907 281 57	250 499 / /	033 627 / /	...	...	...	...
Dacca ...	00 00	059 244 19	...	390 156 33	103 100 57	583 067 57	755 153 57	967 281 59	245 503 / /	416 154 28	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 00	089 270 41	...	500 172 32	130 130 61	586 051 / /	755 201 / /	958 385 / /	228 511 / /	...	...	...	...	...
Multan ...	00 00	059 /// / /	...	545 250 67	157 070 56	581 /51 / /	747 255 / /	950 391 / /	222 501 / /	...	...	...	...	...
Peshawar ...	00 00	059 /// ///	...	398 265 57	151 144 71	589 043 / /	761 105 / /	971 305 / /	252 451 / /	...	...	...	...	...
Quetta ...	00 00	845 000 00	...	...	149 134 66	588 091 / /	761 403 / /	950 353 / /	...	...	...	...	...	...
Sargodha ...	00 00	050 /// / /	...	480 220 58	205 084 50	590 085 / /	971 275 / /	969 275 / /	255 381 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels. PPP TT T_s DD									Max. Wind Speed	TROPOPAUSE	
											PmPmPm dmdm fmfmfm	$P_tP_tP_tT_tT_tT_{ts}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00	900 164 31	850 154 35	600 064 70	...	...	...	...	...	...	...	...	...
Dacca ...	00 00										...	...	...
Gilgit ...												...	...
Jiwani ...													
Karachi ...													
Multan ...													
Peshawar ...													
Quetta ...													
Sargodha ...	00 00	...	800 200 59	600 362 41	350 291 / /	...	...	...	...	...	...	...	...

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 (0 °C) even values indicate positive and odd values indicate negative temperatures.

UPPER WIND DATA

Height in Kms. a.s.l. —>	At 1200 hrs. G.M.T† of Previous day (dd fff)									At 0000 hrs. G.M.T. † of date(dd fff)						At 0600 hrs. G.M.T. † of date (dd fff)									
	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	3.4	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
Bogra ...	165 10	170 11	175 12	185 13	180 13	...	...	...	...	180 07	180 05	180 05	190 07	200 10	210 10	160 06	160 06	...	190 13	205 09	...	...	...	...	...	...
Chaklala ...	/// //	/// //	/// //	270 06	225 04	330 05	245 05	...	...	...	195 05	275 08	200 02	...	...	...	230 03	270 03	310 10	305 10	320 13	030 06	335 15	310 17	310 15	280 76
Chhor ...	230 11	230 12	240 12	245 11	320 06	080 06	035 08	005 11	350 10	250 27	250 28	255 10	270 17	315 15	345 11	250 14	230 22	235 18	235 14	140 09	090 10	050 09	360 10	020 09	340 15	300 18
Chittagong ...	220 09	230 11	210 09	185 07	165 05	215 09	200 04	265 08	250 09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	225 09	235 08	235 08	245 08	240 08	180 03	140 05	245 05	155 04	230 02	250 02	270 05	230 07	230 10	200 10	235 01	275 02	275 03	260 05	210 05	195 06	250 07	225 06	260 11	270 08	...
Dacca ...	165 06	185 05	205 10	210 13	220 10	205 09	200 08	230 13	245 13	205 10	190 10	190 10	190 05	185 07	...	205 07	195 28	195 10	195 12	215 10	225 08	210 16	205 13	210 17	230 15	...
Daibandin ...	...	...	140 03	015 03	350 08	320 15	325 08	320 13	...	...	...	075 07	100 08	080 09	215 02	...	...	080 10	095 13	115 10	190 09	255 03	360 12	360 18	315 03	320 28
D. I. Khan ...	130 05	130 09	130 09	130 12	225 03	270 10	285 18	310 21	315 23	045 06	020 03	040 03	040 03	040 05	310 04	060 06	050 07	035 07	025 06	335 07	305 13	280 10	310 11	305 12	324 05	315 23
Drosh ...	...	...	...	235 07	210 05	210 09	280 03	275 05	265 10	...	...	...	250 01	140 04	220 05	...	...	...	195 02	040 06	040 03	360 10	345 12	320 18	295 12	275 18
Fort Sandeman ...	...	...	...	245 02	215 04	260 06	320 13	320 21	325 21	...	...	...	190 04	305 07	320 21	...	...	...	220 06	220 08	290 14	255 14	265 10	215 08	300 05	320 21
Jacobabad ...	190 05	185 05	195 03	280 04	125 02	090 06	355 10	270 27	235 32	300 08	165 06	230 11	220 09	255 06	025 03	190 06	200 15	200 16	245 12	240 11	360 03	120 12	005 13	360 16	340 12	325 25
Jessore ...	...	...	...	...	...	...	...	...	...	225 06	-- 08	235 10	230 11	210 14	200 08	230 03	220 04	220 06	210 10	205 11	340 06	205 10	230 11	345 12	340 13	190 07
Jhelum ...	185 05	190 08	200 09	235 06	300 10	315 10	300 08	300 20	305 22	110 04	235 04	235 08	280 07	310 09	345 15	115 04	165 04	265 06	310 13	285 15	310 19	325 17	325 13	340 18	325 18	320 26
Jiwani ...	155 10	090 09	090 09	035 15	020 16	005 17	015 09	010 09	335 07	130 08	130 05	...	...	...	...	170 10	160 04	...	...	...	...	...	...	...	...	...
Karachi ...	255 09	250 07	240 07	265 08	270 08	030 07	025 13	020 14	010 14	...	...	...	...	...	...	285 14	260 16	240 18	280 10	005 06	040 21	040 09	060 09	025 09	...	...
Khanpur ...	220 11	220 12	220 15	200 20	190 13	170 06	100 12	070 13	045 14	245 09	245 12	23 13	210 13	230 09	295 09	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	250 01	240 03	270 08	250 03	250 04	300 10	305 15	305 13	315 15	130 10	200 02	350 07	270 07	320 10	...	255 07	245 12	240 14	250 10	255 08	275 12	300 15	335 18	340 18	350 17	325 30
Multan ...	205 13	205 16	205 17	250 12	250 16	275 12	020 09	355 19	345 17	235 17	250 11	295 10	290 10	290 08	340 08	255 06	300 10	255 10	245 09	255 14	270 12	340 12	335 10	335 21	...	...
Nawab Shah ...	130 03	175 01	015 01	045 03	060 12	045 08	355 11	325 22	...	220 12	205 07	225 05	055 03	040 14	...	180 07	195 05	060 03	075 11	070 11	040 07	355 09	350 11	340 17	315 14	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	315 03	335 03	350 06	070 07	060 07	030 06	338 07	315 15
Peshawar ...	...	125 11	170 08	220 07	315 22	325 10	345 12	330 13	330 22	...	345 08	110 07	205 06	300 16	320 20	...	015 07	330 07	335 04	285 04	230 04	260 07	245 13	260 32	265 19	...
Quetta ...	...	...	...	...	255 05	270 06	290 11	305 17	325 21	...	...	...	...	...	...	...	...	...	...	325 04	315 09	340 12	320 12	315 19	300 22	...
Sargodha ...	205 04	170 04	170 04	315 03	300 07	310 14	310 19	310 19	300 25	130 05	190 03	150 04	235 06	340 04	330 19	230 01	125 01	110 05	260 06	340 07	325 13	325 12	330 23	315 20	325 25	280 52
Sylhet ...	270 15	275 08	255 08	215 12	195 12	200 05	...	...	...	140 04	150 04	190 04	155 06	165 06	...	010 07	020 05	055 03	155 16	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	42.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	285 15	255 17	260 15	240 12	180 10	025 20	055 25	075 25	075 15	360 14	290 17	345 16	290 19	280 22	...	..	..	...
Peshawar ...																		
Quetta ...																		

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

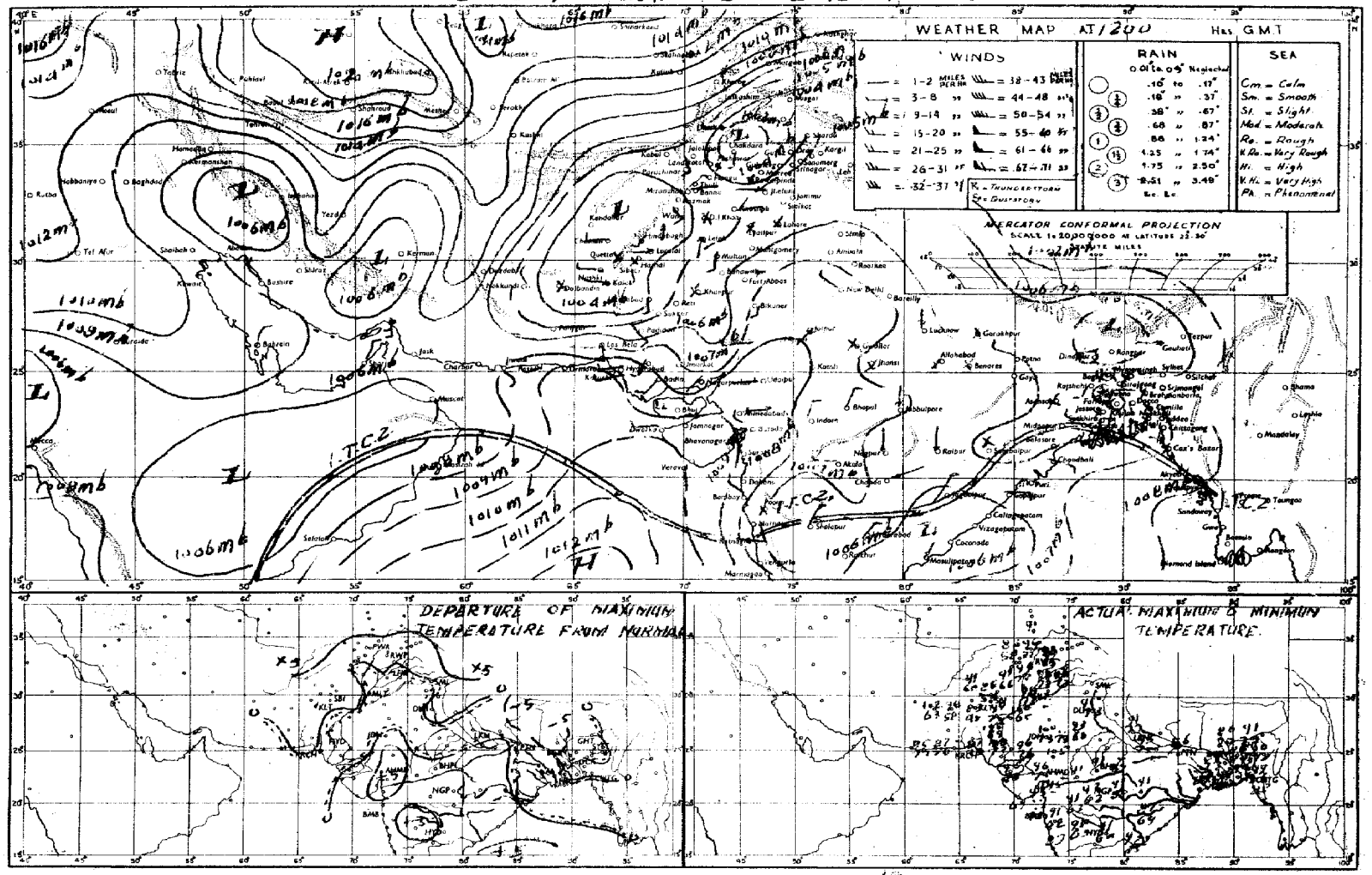
dd—Hundreds and tens of degrees of wind direction rounded off to the nearest 5°
fff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

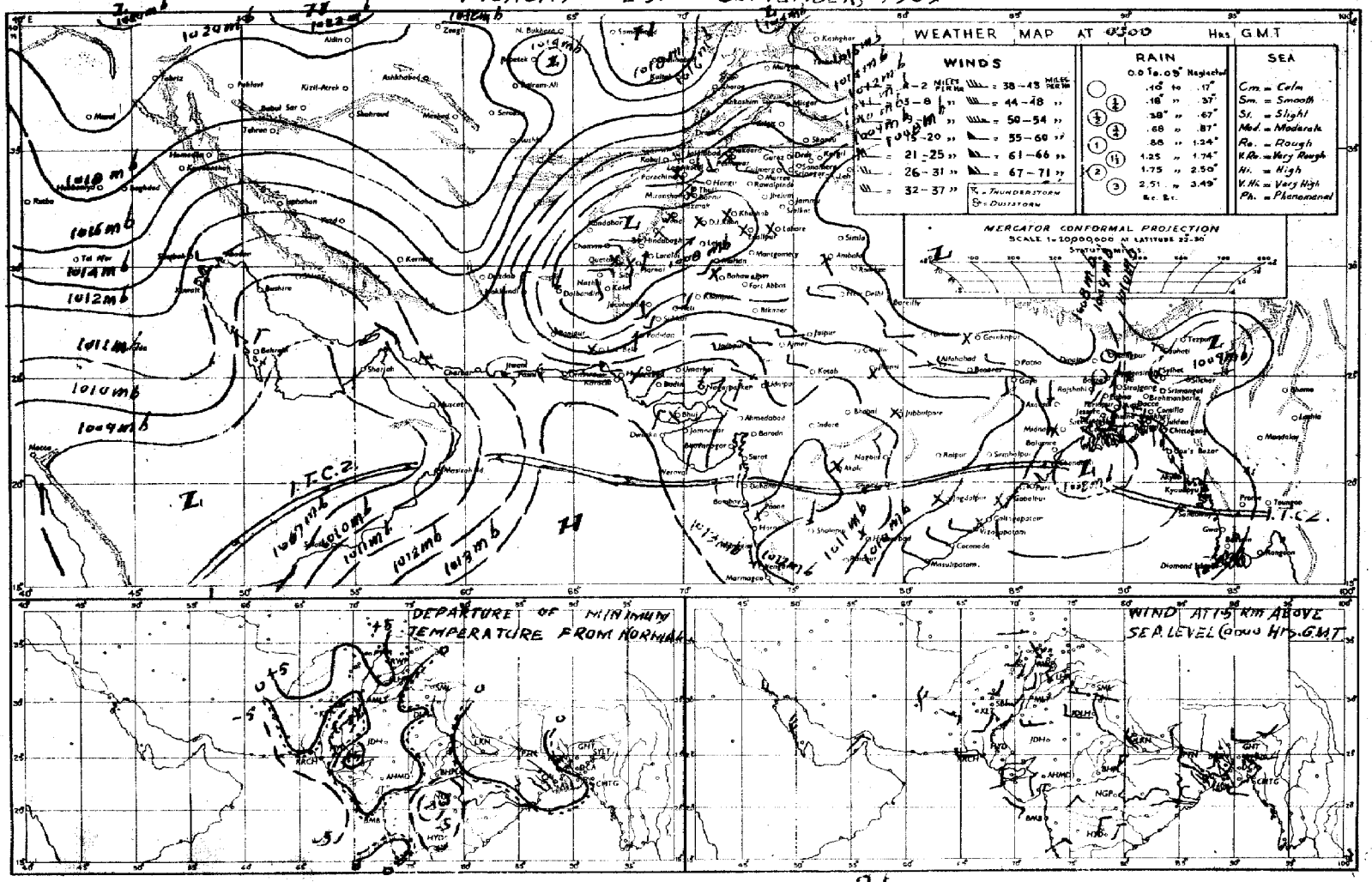
SUNDAY 28th SEPTEMBER 1969.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 29th SEPTEMBER, 1969



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

Pages 1—2 Rs. 3/-
Pages 1—2 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1467
Volume No. 23

TUESDAY THE 30th SEPTEMBER 1969.

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

Yesterday's low pressure area over West Bengal now lies as a trough of low pressure extending to north west Bay of Bengal. Local rain/thundershowers have occurred in Rajshahi divisions. A few thunderstorms have been reported from Chittagong and Khulna divisions also. Yesterday's western disturbance is now moving across East-Russain Turkistan. The seasonal trough of low pressure extends over the central division of West Pakistan. Weather remained dry over West Pakistan.

Chief amounts of rainfall are: Sirajganj and Bogra 1" each and Pabna ¼".

Day temperatures were 3—6 °F (2—3 °C) above normal in Chittagong Khulna, Rawalpindi and Kalat divisions and 8—11 °F (4—6 °C) so in Rajshahi, Peshawar and Quetta divisions.

Forecast valid until the evening of 1st October 1969 :— Thunderstorm/showers will be scattered over East Pakistan and Peshawar division. Weather will continue to remain dry elsewhere over West Pakistan.

Karachi-11
The 30th September, 1969.

OBSERVATIONS

(QAZI SUBHAN AHMED)
for Director, Meteorological Service.

DIVISIONS	STATIONS	As 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in Knots	Horizontal visibility†	Present weather †	Past weather †	Sea level pressure (mbs. and tenths) °	Dry Bulb temperature °	Amount of Lowest Cloud †	Low Cloud from †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud from †	Dewpoint temperature °F	Maximum temperature °F	As 0300 Hrs. G. M. T. of date: Rainfall in Cents	Past weather commenced at †	Total clud 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	Amounts of Lowest Cloud †	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Minimum temperature	Departure from Normal of: Maximum temperature	Minimum Temperature	Rainfall: Since 1st June, 1969 co-date	Departure from normal	Since 1st January, 1969 co-date	Annual Normal
		RRR	We	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	We	N	dd	ff	VV	ww	W	PPP	TT	h	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	000	0	1	17	03	96	01	0	050	85	1	1	7	0	0	76	91																						
	Cox's Bazar	000	0	2	30	07	96	02	0	055	85	1	2	5	0	0	76	86	000	0	1	24	05	97	02	0	087	82	4	3	5	0	0	75	76	—	1	79.5	—90.2	87.2	140
	Chittagong	000	0	1	27	03	96	02	0	059	85	1	2	5	0	0	76	90	000	0	1	00	00	96	02	0	086	84	4	4	5	0	0	75	75	+ 3	— 1	54.2	—23.4	103.4	108
	Maijdee Court	000	9	0	00	00	97	00	0	053	87	0	0	9	0	0	77	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					
	Comilla	000	0	0	00	00	96	02	0	055	90	0	0	9	0	0	78	91	000	0	1	18	05	96	62	0	077	84	3	4	7	0	0	77	75	+ 3	— 1	83.5	+20.3	101.8	94
	Brahmanbaria	000	0	4	00	00	96	03	1	055	86	4	4	9	4	0	77	10	000	0	4	18	02	97	03	1	085	84	4	5	8	0	0	75	79	—	—	—	—	—	70
	Sylhet	000	0	7	00	00	96	02	2	055	87	4	4	9	0	0	76	87	000	0	1	//	//	96	17	9	086	82	6	3	3	0	0	77	79	116.0	—	—	144.0	—	
	Srimangal	000	0	0	00	00	95	00	0	058	80	0	0	0	9	0	78	91	000	0	0	00	00	96	00	0	088	84	0	0	9	0	0	75	73	0	— 1	—	—	—	98
Dacca	Mymensingh	000	0	0	00	00	//	01	1	060	85	4	4	5	0	0	77	87	000	0	6	00	00	97	02	1	042	82	6	5	5	0	0	79	77	0	0	—	—	—	91
	Narayanganj	000	0	2	13	02	//	01	1	052	87	1	3	6	3	1	76	87	000	0	4	23	02	97	02	2	082	84	3	6	6	3	1	79	79	— 1	— 1	47.4	— 1.0	69.4	74
	Dacca (Tejgaon)	000	0	3	00	00	97	01	2	056	85	2	2	9	3	0	76	90	000	0	5	18	05	96	03	2	079	82	4	8	4	1	0	77	79	/	—	49.5	—	60.6	—
	Faridpur	000	0	1	20	02	97	01	1	027	85	1	4	6	0	0	78	87	000	0	4	16	02	97	02	2	082	86	3	4	5	1	0	79	79	0	+ 1	—	—	—	71
Khulna	Barisal	000	0	1	00	00	96	01	0	056	85	1	8	5	0	0	78	91	000	0	4	33	03	97	02	1	079	84	4	8	5	0	0	79	79	+ 3	+ 1	—	—	—	81
	Khulna	000	0	3	00	00	97	03	0	044	90	0	2	4	0	0	87	91	000	0	0	00	00	97	02	0	041	84	0	2	4	0	0	81	79	+ 3	+ 2	—	—	—	68
	Satkhira	000	0	6	00	00	97	13	1	051	87	4	4	5	0	0	80	90	000	0	6	00	00	97	03	1	078	84	5	6	4	5	0	80	79	+ 3	+ 3	—	—	—	65
	Jessore	000	0	3	25	01	97	02	0	050	87	1	3	5	0	0	77	91	000	0	6	27	03	97	17	9	077	84	5	9	5	3	0	77	79	—	—	—	—	—	65
Rajshahi	Pabna	000	0	0	00	00	97	03	1	046	86	0	0	9	0	0	78	90	035	3	2	00	00	99	01	6	978	82	2	4	7	0	0	77	77	—	—	—	—	—	59
	Sirajganj	000	0	0	00	00	97	00	0	045	87	4	0	9	0	0	76	90	097	9	6	18	92	98	01	6	075	81	5	6	2	6	0	77	75	+ 1	— 2	43.0	— 2.5	50.2	66
	Rajshahi	000	0	4	00	00	96	03	1	047	86	4	9	5	0	0	78	90	000	0	0	00	00	96	03	1	077	84	5	5	5	0	0	79	73	+ 2	— 2	—	—	—	—
	Bogra	000	0	1	00	00	96	01	0	049	85	1	2	5	0	0	77	89	096	7	3	00	00	96	02	6	077	79	3	4	5	3	/	75	75	— 1	— 2	—	—	—	69
	Dinajpur	000	0	0	00	00	96	00	0	057	85	0	0	9	0	0	76	87	000	2	3	00	00	96	01	1	083	84	1	0	9	2	/	79	75	— 1	— 2	—	—	—	72
	Rangpur	000	0	2	00	00	96	01	0	039	85	2	0	9	1	0	78	86	000	0	3	00	00	98	03	0	089	82	1	2	6	1	0	77	75	— 2	— 1	—	—	—	84
Kashmir	Jammu																																								
Lahore	Lahore (Intl Rd.)	000	0	0	00	00	96	85	0	041	95	0	0	9	0	0	56	98	000	0	0	18	02	95	05	8	056	79	0	0	9	0	0	60	73	0	+ 5	13.4	— 1.1	17.8	19
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	96	00	0	034	81	0	0	9	0	0	49	62	—	— 8	—	—	—	32
Rawalpindi	Jhelum	000	0	0	23	02	96	02	0	034	95		0	9	0	0	67	98	000	0	0	00	00	96	02	0	054	81	0	0	9	0	0	69	73	—	—	22.0	—	30.3	—
	Islamabad																																								
	Rawalpindi	008	0	0	00	00	98	00	0	031	90	0	0	9	0	0	80	95	000	0	0	00	00	98	00	0	056	77	0	0	9	0	0	64	73	+ 2	+ 8	18.5	— 5.0	28.6	36
	Campbellpur																																								
Sargodha	Khushab	000	0	0	09	//	97	06	0	033	93	0	0	9	0	0	82	76	000	0	0	09	//	97	00	0	043	79	0	0	9	0	0	73	73	— 2	+ 2	3.8	— 6.4	7.2	15
	Sargodha	000	0	0	09	03	97	02	0	///	93	0	0	9	0	0	63	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lyallpur	000	0	0	00	00	96	00	0	032	93	0	0	9	0	0	70	96	000	0	0	00	00	96	00	0	040	79	0	0	9	0	0	68	73	— 2	+ 3	4.6	— 4.5	7.6	13
Multan	Sahiwal																																								20
	Multan	000	0	0	18	05	97	02	0	034	98	0	0	9	0	0	60	00	000	0	0	13	02	97	02	0	042	75	0	0	9	0	0	60	73	+ 2	— 0	8.0	+ 3.2	11.9	9
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	31	02	92	00	0	058	84	0	0	9	0	0	69	77	— 2		1.0	—	2.7	8
Bahawalpur	Khanpur	000	0	0	23	05	97	02	0	///	96	0	0	9	0	0	60	96	000	0	0	23	03	//	02	0	049	68	0	0	9	0	0	58	//	— 8	/	0.2	— 4.6	1.1	6
	Bahawalpur																																								6
	Fort Abbas																																								8
Peshawar	Chakdra	000	0	0	36	02	98	02	0	002	90	0	0	9	0	0	64	96	000	0	0	00	00	97	02	0	051	69	0	0	9	0	0	62	65	—	—	7.2	—	16.6	—
	Peshawar	000	0	0	00	00	96	05	0	019	91	0	0	9	0	0	64	95	000	0	0	36	02	96	05	0	051	77	0	0	9	0	0	62	73	+ 2	+ 6	4.7	+ 0.3	13.4	11
	Haripur																		000	0	0	05	03	98	00	0	055	79	0	0	9	0	0	62	68	—	—	7.7	—	17.9	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	025	93	0	0	9	0	0	63	96	000	0	0	02	11	59	00	0	049	75	0	0	9	0	0	65	73	—	—	0.6	—	4.5	11
	D. I. Khan	000	0	0	00	00	96	02	0	028	98	0	0	9	0	0	54	98	000	0	0	00	00	98	00	0	050	81	0	0	9	0	0	69	75	0	+ 4	3.5	— 2.0	6.0	9
Quetta	Sibi	000	0	0	13	03	97	02	0	041	04	0	0	9	0	0	71	05	000	0	0	00	03	97	02	0	079	77	0	0	9	0	0	62	75	—	—	0.2	—	0.2	5
	Nokkundi	000	0	0	00	00	97	02	0	019	02	0	0	9	0	0	37	03	000	0	0	21	03	97	02	0	057	88	0	0	9	0	0	53	72	—	—	0.0	—	0.3	2
Kalat	Turbat	000	0	0	27	02	96	00	0	964	95	0	0	9	0	0	31	95	000	0	0	27	02	96	00	0	951	76	0	0	9	0	0	76	19	—	—	0.0	—	0.0	5
	Jiwani	000	0	2	18	09	96	02	1	103	83	2	6	5	0	0	69	86	000	0	4	23	03	96	03	0	117	77	4	6	5	0	0	70	75	—	—	0.9	—	2.0	8
	panni	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	4	25	02	97	02	0	///	79	0	4	9	0	0	73	57	—	— 14	0.0	— 0.8	0.8	6
Karachi division	Ormara																																								6
	Lasbela	///	0	2	09	02	98	00	0	079	97	0	0	8	0	0	71	98																						8
	Karachi (Manora)	000	0	0	27	09	97	02	0	094	81	0	0	9	0	0	73	86	000	0	0	27	07	96	02	0	101	79	0	4	5	0	0	72	77	—	2	1.0	— 5.0	1.1	8
	Karachi (Airport)	080	0	0	29	10	96	02	0	094	86	0	0	9	0	0	69	92	000	0	4	29	10	96	02	1	103	79	4	6	5	0	0	71	75	—	—	1.5	—	1.5	—
Hyderabad	Nagarparker	000	0	0	05	02	97	02	0	119	97	0	0	0	0	0	97	99	000	0	0	05	02	97	02	0	141	78	0	0	0	0	0	77	77	—	—	0.1	—	0.1	—
	Chhor	000	0	0	23	07	96	02	0	075	94	0	0	9	0	0	56	98																						7
	Hyderabad	000	0	0	23	09	96	06	0	047	95	0	0	9	0	0	53	01	000	0	0	23	09	97	02	0	084	79	0	0	9	0	0	78	75	+ 2	0	0.2	— 5.8	0.3	9
	Badin	000	0	0	23	06	96	02	0	099	//	0	0	9	0	0	69	//	000	0	0	23	03	97	02	0	097	75	0	0	9	0	0	70	74	/	0	0.3	— 6.8	0.3	—
Khairpur	Padidan	000	0	0	18	02	96	02	0	058	00	0	0	9	0	0	51	01	000	0	0	13	01	97	02	0	060	76	0	0	9	0	0	63	70	—	—	0.8	—	0.8	—
	Nawabshah	000	0	0	00	00	96	02	0	063	00	0	0	9	0	0	59	09	000	0	0	18	05	97	02	0	066	78	0	0	9	0	0	65	70	—	—	1.1	—	1.1	4
	Sukkur	000	0	0	18	02	98	02	0	058	01	0	0	9	0	0	65	04	000	0	0	27	05	96	02	0	056	78	0	0	9	0	0	69	73	—	—	0.1	—	0.1	—
	Kashmore																																								4
	Jacobabad	080	0	0	18	05	97	02	0	049	99	0	0	9	0	0	68	01	000	0	0	09	02	96	02	0	059	77	0	0	9	0	0	62	71	0	— 2	0.5	— 1.8	6.8	20
unagadh	Veraval																																								26
	HILL STATIONS																																								
Kashmir	Srinagar *																																								71
	Gulmarg **																																								26
	Sonamarg **																																								
	Dras *																																								2
	Leh *																																								6
	Skardu *																																								—
	Mirpur **																																								—
	Abbotabad *																																								5
	Gilgit *																																								59
Rawalpindi	Murree *	000	0	0	29	03	98	00	0	488	67	0	0	9	0	0	49	73	000	0	0	31	03	98	00	0	490	52	0	0	9	0	0	49	56	+ 3	+ 3	15.7	—19.8	33.4	18
Peshawar	Drosh *	000	8	5	25	07	97	02	0	446	90	2	0	9	4	3	54	95	000	0	0	00	00	98	02	0	484	65	0	0	9	0	0	41	64	+ 11	+ 4	3.1	—	14.3	29
	Chitral *	000	0	0	36	07	97	58	00	0	480	85	0	0	9	0	0	56	98	000	0	0	36	02	98	02	0	470	73	0	0	9	0	0	56	64	+ 7	/	3.1	— 9.0	13.4	—
	Kakul	000	0	0	36	02	95	05	0	905	82	0	0	9	0	0	51	86	000	0	0	23	03	96	05	0	478	73	0	0	9	0	0	56	64	—	—	16.0	—	26.7	—
	Landikotal *	000	0	0	05	03	98	02	0	355	90	0	0	9	0	0	59	91	000	0	0	31	05	98	03	0	381	73	0	0	9	0	0	59	64	—	—	2.2	—	2.6	29
	Prachinar *	000	0	1	16	03	96	05	0	478	78	1	1	7	0	0	40	82	000	0	0	00	00	96	05	0	490	68	0	0	9	0	0	47	59	+ 4	+ 4	—	—	—	13
D.I. Khan	Miranshah *	000	0	0	05	05	95	00	0	461	86	0	0	9	0	0	51	87	000	0	0	05	05	99	00	0	463	73	0	0	9	0	0	54	65	—	—	0.5	— 4.2	2.0	11
	Wana *	000	0	0	13	02	99	00	0	500	91	0	0	9	0	0	72	93	000	0	0	00	00	99	00	0	471	65	0	0	9	0	0	40	58	—	—	1.2	—	4.1	11
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	462	93	0	0	0	0	0	07	49	000	0	0	00	00	97	02	0	473	69	0	0	9	0	0	27	63	—	0	2.2	— 2.8	6.5	—
	Hindubagh *	000	0	0	20	05	97	02	0	462	75	0	0	0	0	0	35	//	000	0	0	00	00	97	02	0	513	56	0	0	9	0	0	36	45	/	—	2.7	—	6.0	9
	Loralai *	000	0	0	27	02	98	00	0	398	85	0	0	0	0	0	85	97	000	0	0	18	02	98	00	0	390	63	0	0	9	0	0	35	40	—	—	0.6	—	0.6	—
	Barkhan *	000	0	0	18	02	97	02	0	493	91	0	0	0	0	0	58	94	000	0	0	00	00	98	02	0	432	72	0	0	9	0	0	48	72	—	—	1.0	—	1.0	14
	Harnai *	000	0	0	18	02	96	02	0	485	92	0	0	0	0	0	49	94	000	0	0	00	00	96	20	2	432	72	0	0	9	0	0	43	//	—	/	4.0	— 4.1	5.6	9
	Samungli (Quetta) *	000	0	0	00	00	97	02	0	491	86	0	0	0	0	0	45	89	000	0	0	00	00	97	02	0	516	55	0	0	9	0	0	44	64	—	—	6.5	— 0.5	3.1	8
	Chaman *	000	0	0	31	03	97	00	0	496	91	0	0	0	0	0	77	92	000	0	0	13	03	97	00	0	495	72	0	0	9	0	0	08	65	+ 5	+ 6	2.1	+ 2.0	4.8	—
	Nushki *	000	0	0	27	00	97	02	0	521	94	0	0	0	0	0	70	//	000	0	0	07	03	97	02	0	539	80	0	0	9	0	0	47	72	/	—	0.5	—	3.4	—
	Dalbandin *	000	0	0	00	00	97	02	0	505	97	0	0	0	0	0	35	99	000	0	0	27	02	97	02	0	483	67	0	0	9	0	0	27	57	+ 2	— 1	9.0	— 9.2	9.5	7
Kalat	Kalat *	000	0	0	29	02	97	02	0	481	79	0	0	9	0	0	51	84	000	0	0	13	02	97	02	0	502	58	0	0	9	0	0	41	45	+ 4	+ 1	0.8	— 0.4	2.2	—
	Khuzdar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	27	02	96	02	0	488	71	0	0	9	0	0	39	67	—	—	1.0	—	3.3	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

TUESDAY THE 30th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	99$L_aL_aL_a$	$Q_cL_aL_aL_a$	YYGG$_{iw}$	N dd FF	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	7RR t_gt_g	8$N_sCh_sh_s$	OT$_x$T$_x$T$_x$T$_d$	1T$_w$T$_w$T$_{wx}$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														
Nikolsiogarev	99 2 55	10 5 74	29 1 81	11 4 04	98 0 23	12 7 29	10 7 53		74 2 07			14 4 00		48 0 00

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
		PoPo$_o$ ToToTo DoDo	hhh TTa DD											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong ...	00 00													
Dacca ...	00 00	005 264 15	...	400 160 50	097 094 58	82/ 061 58	754 161 8/	966 289 59	244 503 / /	...	...	...	...	...
Gilgit ...														
Jiwani ...														
Karachi ...	00 09	061 254 27	...	400 104 35	029 020 / /	565 181 / /	732 231 / /	935 361 / /	205 520 / /	...	...	...	...	...
Multan ...	00 00	988 230 40	...	450 254 63	149 102 32	582 135 / /	746 235 / /	947 405 / /	224 527 / /	...	...	...	...	...
Peshawar ...	00 00	984 245 7/	...	450 210 56	093 100 58	583 101 / /	756 211 / /	957 301 11	237 425 / /	...	...	...	...	...
Quetta ...		MISDA	...							...	...	...	...	...
Sargodha ...	00 00	992 250 50	...	500 224 58	177 074 55	586 091 / /	756 181 / /	035 309 65	248 415 / /	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPP TT Ta DD							Max. Wind Speed	TROPOPAUSE	
									PmPmPm dmdm fmfmfm	$P_tT_cP_cT_cT_cT_{ss}$	dt dt ft ft ft
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong ...	00 00												
Dacca ...	00 00	900 194 48	800 124 57	600 024 58	350 221 58	...	...	...	...	...	...	...	...
Gilgit ...													
Jiwani ...													
Karachi ...	00 00												
Multan ...	00 03												
Peshawar ...	00 00												
Quetta ...		MISDA	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hundreds tens and units of millibars.

DD—Dew point depression.

hhh—(heights) – Tens of geopotential metres.

TT—Dry Bulb temperatures in °C

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

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	3.4	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
Bogra ...	180 04	230 08	240 08	230 14	250 15	270 12	230 14	...	...	130 08	180 03	100 03	215 03	195 07	...	215 02	190 03	190 05	210 04	235 04	210 06	...	...	...	...	...
Chaklala ...	...	310 03	290 02	250 05	270 04	295 05	315 17	310 15	310 21		070 10	115 10	245 03	270 05	305 12	...	150 04	145 04	205 05	250 06	300 73	309 10	280 20	285 18	...	...
Chhor ...	230 10	230 12	230 15	240 05	190 09	050 06	015 15	015 06	010 11	250 28	255 34	250 31	240 21	145 07	040 14	231 40	230 22	235 22	295 08	305 05	040 0/	360 08	320 09	335 18	...	...
Chittagong ...	280 06	270 07	270 06	180 01	130 01	225 02	260 10	260 10	270 13	...	...	...	...	...	...	260 04	290 04	235 03	040 03	170 02	180 08	190 11	230 07	230 09	...	...
Cox's Bazar ...	300 10	310 09	310 06	030 02	045 03	300 03	...	...	...	345 04	335 04	315 01	205 01	145 01	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	200 06	205 04	220 04	240 06	240 05	250 04	220 08	235 17	235 17	...	...	...	...	...	...	185 05	190 04	195 03	240 03	240 06	...	...	...	...	...	...
Dalbandin ...	...	...	040 01	100 04	320 05	335 10	305 06	300 12	300 18	...	...	255 01	200 06	015 20	020 27	...	...	275 03	355 06	360 16	005 31	010 35	020 22	350 23	...	...
D. I. Khan ...	185 03	140 03	140 07	120 12	135 15	185 17	270 07	275 37	278 33	030 08	035 10	040 13	055 13	060 08	120 04	045 07	080 09	085 10	110 02	065 03	325 08	290 05	310 09	280 13	...	...
Drosh ...	...	...	...	230 06	230 6/	235 06	230 15	200 23	205 21	...	...	...	315 01	305 02	300 01	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...				010 01	235 03	255 04	325 12	210 21	315 21	...	...	...	220 15	275 10	340 17	...	...	...	245 04	310 13	335 29	310 15	310 18	315 23	...	...
Jacobabad ...	180 13	195 12	210 10	265 08	345 03	210 06	355 18	030 15	090 11	205 22	205 17	220 15	245 13	280 06	340 18	170 06	240 13	275 14	275 13	270 12	330 19	015 18	020 11	020 09	...	...
Jessore ...	235 05	230 04	230 04	255 18	250 11	295 05	270 09	250 14	240 15	235 12	240 06	230 04	170 01	178 02	220 05	105 01	200 01	205 03	230 07	245 04	...	...	...	...	...	...
Jhelum ...	210 05	185 06	180 05	225 04	210 08	230 12	330 12	320 18	310 22	120 06	095 08	205 03	245 04	360 07	330 11	120 04	140 09	140 10	140 11	180 06	310 06	325 20	320 25	295 27	...	...
Jiwani ...	155 09	190 07	265 03	020 05	020 10	030 23	060 11	065 10	055 08	225 10	235 09	225 07	285 06	320 07	035 21	215 05	255 05	285 05	...	...	...	...	...	...	...	...
Karachi ...	265 13	260 14	245 10	210 07	020 08	030 08	030 11	030 11	045 14	...	...	...	...	...	...	275 25	285 14	290 14	...	...	...	...	...	...	...	...
Khanpur ...	225 17	235 14	238 19	230 17	240 12	270 10	305 05	280 08	280 13	205 13	215 15	210 1	215 10	220 06	240 23	170 06	240 13	275 14	275 13	270 12	300 19	015 18	020 11	020 09	...	...
Lahore ...	175 03	185 03	195 03	200 04	210 04	290 11	320 20	310 18	320 17	125 08	135 07	135 05	230 02	285 03	280 05	160 04	150 06	155 08	145 13	110 10	345 04	265 1/	200 19	322 11	...	...
Multan ...	205 10	201 0/	215 09	255 10	295 17	300 19	340 08	335 15	355 20	345 14	245 15	270 07	255 06	305 05	305 17	295 09	295 19	301 7/	310 22	203 0/	340 32	305 21	295 08	155 11	...	...
Nawab Shah ...	165 03	180 03	155 03	115 04	085 09	085 06	020 / /	360 13	325 10	240 10	270 09	295 09	300 04	340 07	040 17	175 07	290 05	265 04	355 09	025 06	015 10	350 05	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	070 06	140 06	210 10	230 11	290 14	225 12	315 24	310 25	...	335 06	345 07	330 06	330 08	305 22	...	025 05	330 05	310 5/	290 /6	295 20	260 16	250 23	255 21	...	...
Quetta ...	...	...	...	...	300 05	300 05	305 16	295 29	295 23	...	...	...	...	310 06	320 07	...	...	...	...	...	...	...	...	...	...	...
Sargodha ...	135 07	115 07	110 06	345 05	335 07	290 17	325 21	320 26	315 29	115 09	105 08	110 10	090 03	340 03	295 09	050 05	095 11	110 11	095 07	060 04	350 09	275 15	280 19	285 20	...	...
Sylhet ...	275 03	275 02	285 02	185 41	...	...	...	...	...	110 07	100 05	175 05	205 01	230 03	...	260 05	255 05	230 04	215 04	155 04	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g.p. Kms a.s.l —>	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.2	21.0	43.0
STATION 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	180 08	195 08	160 07		210 06		195 10		230 15									
Karachi ...	285 28	295 33	270 32	270 28	215 19	375 11	040 23	030 22	030 19	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

dd—Hundreds and tens of degree of wind direction rounded off to the nearest 5°

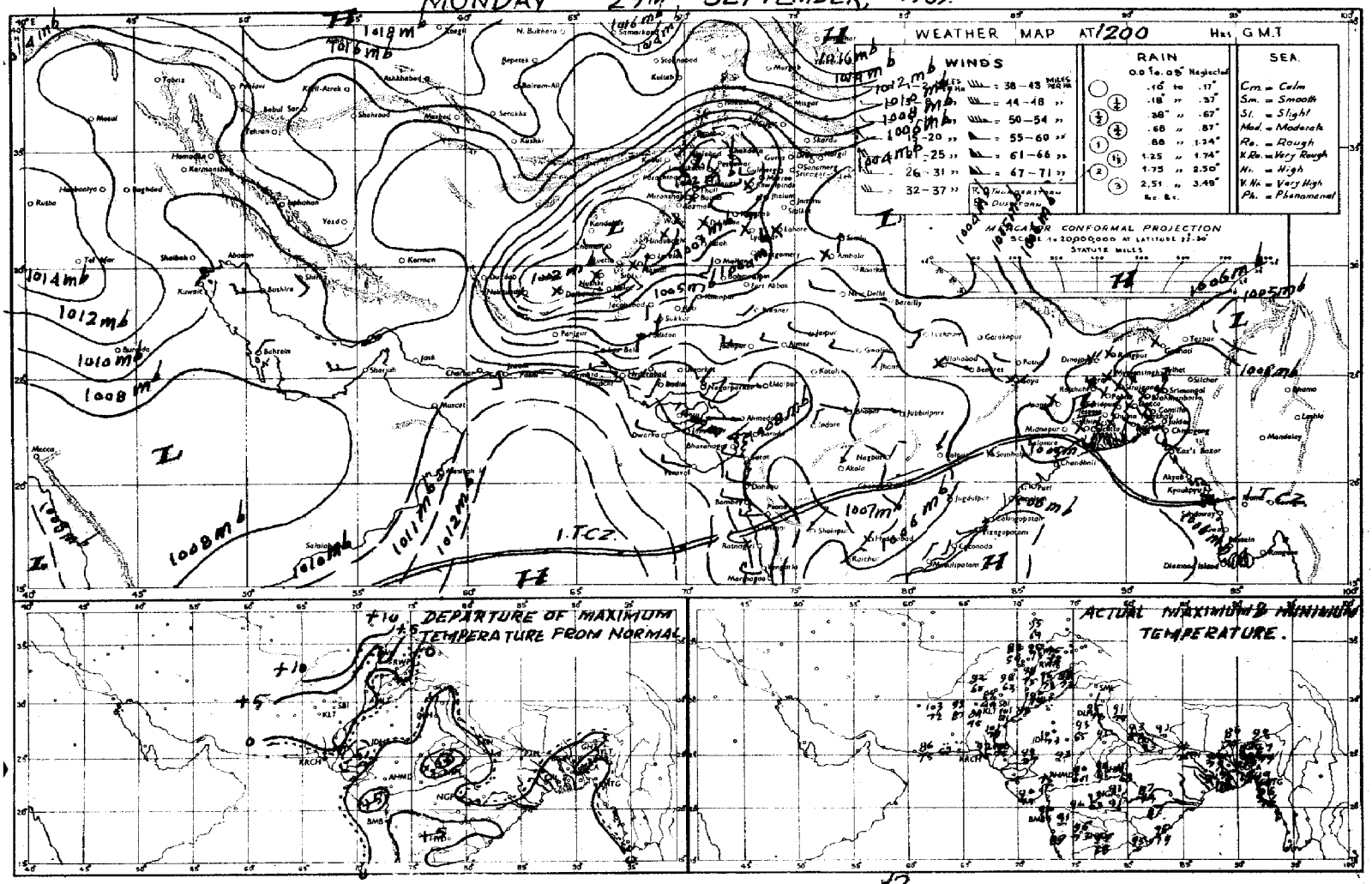
ff—Wind speed in knots.

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

The accuracy of individual entries in this report cannot can be be guaranteed. Corrections obtained, if necessary on application to the Meteorologist, Weather Central Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

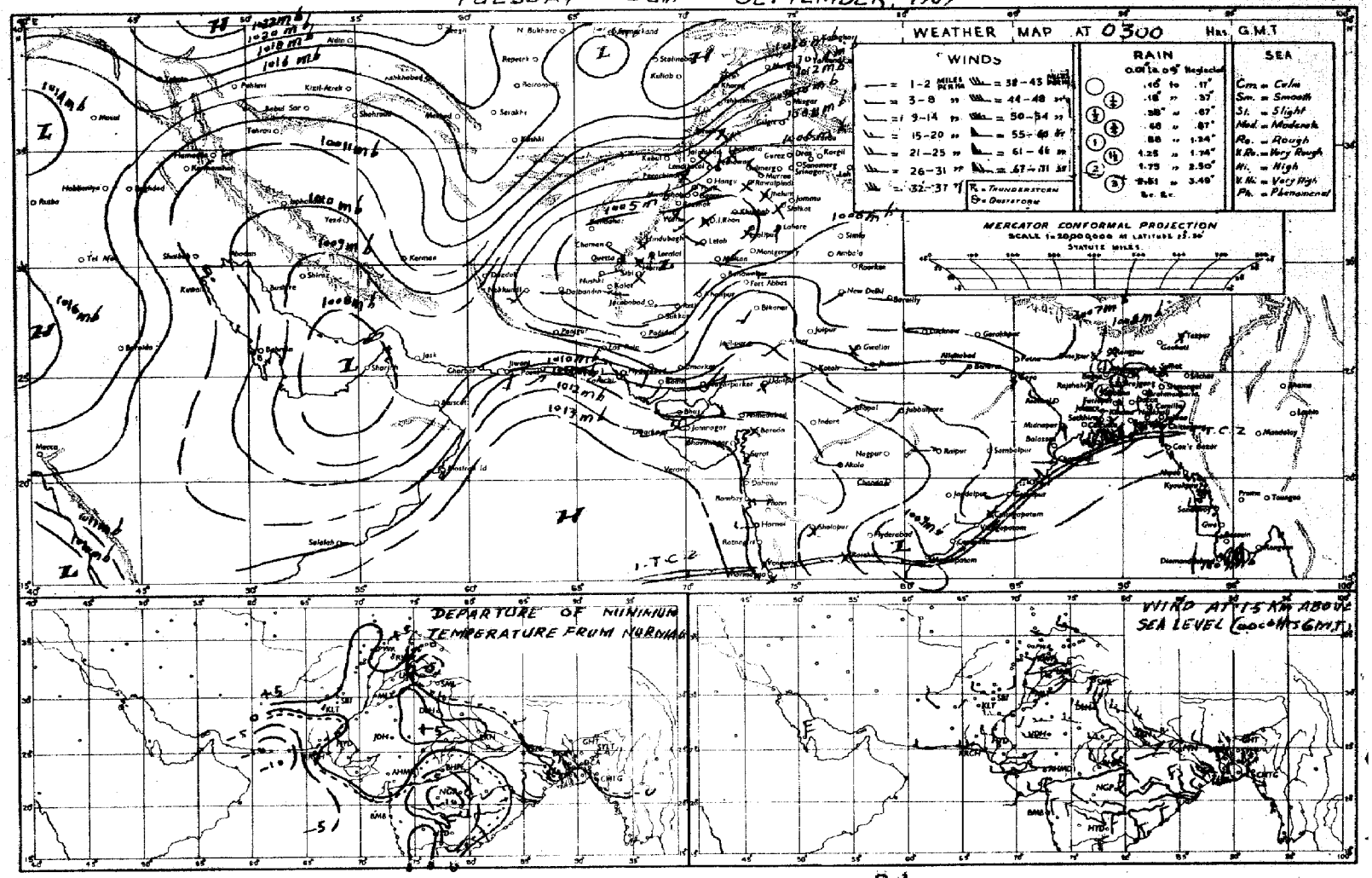
MONDAY 29th SEPTEMBER, 1969.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 30th SEPTEMBER, 1969



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