Pakistan. Meteorological Service.

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PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 1st JULY, 1959.

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

Yesterday's deep depression moved westnorthwestwards and is centred at 01,0300 G. M. T. about 80 miles southwest of Neemuch, India. It is likely to move in a westerly direction.

Yesterday's low in north Arabian Sea has become unimportant.

Low pressure wave over Peshawar division is moving away across Kashmir.

Fairly widespread rain/thundershowers have occurred in East Pakistan, local in Hyderabad division and Federal Capital Area and scattered in Lahore, Rawalpindi, Multan, Quetta, south Kalat and Khairpur divisions.

Chief amounts of rainfall are: Karachi Airport 1½", Barisal and Karachi (Manora) 1" each, Nawabshah 3/4", Sylhet, Narayanganj, Khulna, Satkhira and Jessore ½" each and Cox's Bazar, Chittagong, Faridpur, Bogra, Hindubagh and Umerkot ¼" each.

Day temperatures were 5—10 °F above normal in coastal Kalat divisions and 3—5 °F so in East Pakistan.

Forecast valid until the evening of 2nd July 1959. Rain/thundershowers will be fairly widespread in Hyderabad division and the Federal Capital Area, local in Quetta, Khairpur and Bahawalpur divisions and in East Pakistan and scattered elsewhere over West Pakistan outside north Kalat division.

Heavy Rainfall Warning: Locally moderate to heavy rain will fall in Hyderabad division and the Federal Capital Area during next 36 hours.

Karachi-11
The 1st July, 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	9	9	18	07	96	02	9	035	84	3	3	7	7	4	81	90
	Chittagong	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74	13
	Maijdee Court	000	9	8	11	08	96	02	2	027	86	x	5	5	x	x	79	89
	Comilla	000	0	8	00	08	96	02	2	097	87	8	4	4	x	x	80	91
	Brahmanbaria	001	0	5	90	08	97	03	1	028	85	2	1	5	0	5	81	92
	Sylhet	000	0	5	00	08	97	02	2	019	89	1	2	6	6	8	79	92
	Srimangal	000	4	7	00	00	96	17	9	024	88	6	3	4	4	0	76	94
Dacca	Mymensingh	000	9	2	13	02	99	01	2	022	90	2	2	5	0	0	80	94
	Narayanganj	049	4	9	16	02	96	24	6	023	84	8	7	4	2	x	81	91
	Dacca (Tezgaon)	013	5	7	13	07	97	21	9	020	84	6	9	5	0	1	81	90
	Faridpur	082	6	5	16	07	96	01	6	014	86	3	4	7	1	0	81	88
	Barisal	000	0	6	18	04	97	02	2	023	82	6	0	9	4	0	80	88
Rajshahi	Khulna	051	3	6	13	07	96	01	6	020	84	8	5	6	0	0	81	82
	Satkhira	064	0	8	00	00	95	03	6	015	84	x	x	x	x	x	81	89
	Jessore	000	0	6	09	05	96	02	5	019	88	4	4	x	6	0	79	89
	Sirajganj	000	0	2	18	02	99	03	0	008	87	3	4	4	0	0	87	90
	Bogra	000	0	3	13	03	96	01	1	015	89	3	4	6	0	0	81	90
	Dinajpur	000	8	4	00	00	96	01	1	019	88	4	9	9	2	0	80	93
	Rangpur	000	0	1	13	02	96	01	1	xxx	88	1	5	6	0	0	80	90
Kashmir	Jammu																	
Lahore	Lahore (Hall Rd.)	000	4	6	36	02	96	29	9	980	90	4	3	6	7	0	73	02
	Sialkot	000	5	7	00	00	97	01	9	974	89	6	9	6	2	x	73	98
Rawalpindi	Jhelum	000	3	3	13	05	97	02	1	970	96	1	0	9	3	8	71	05
	Rawalpindi	000	0	1	11	03	99	02	6	958	01	1	1	8	0	0	77	07
	Khushab	000	0	3	09	02	96	05	4	964	05	3	3	6	0	0	73	05
Multan	Lyallpur	000	3	6	05	03	95	97	9	986	85	6	7	8	0	0	76	02
	Montgomery	000	0	7	00	00	96	03	2	973	89	4	3	7	9	0	78	02
	Multan	000	0	1	34	07	96	07	0	953	04	1	1	6	0	0	72	06
Bahawalpur	Leiah	000	0	6	00	00	95	08	0	989	09	5	0	8	7	3	82	13
	Khanpur	000	0	0	02	09	95	08	0	929	07	0	0	9	0	0	73	10
	Bahawalnagar	000	0	7	16	12	95	07	3	953	99	0	0	9	0	8	77	05
	Fort Abbas	000	0	0	05	07	98	00	5	941	04	0	0	9	0	0	69	07
Peshawar	Chakdara	000	0	0	27	02	99	02	1	956	96	0	0	9	0	0	86	99
	Peshawar	000	0	1	05	10	96	05	0	958	01	1	2	7	0	0	70	02
	Haripur	000	3	2	23	02	96	01	2	981	98	2	5	6	0	0	50	04
	Campbellpur	000	0	4	09	03	98	02	1	968	05	4	0	9	3	0	80	07
D. I. Khan	Bannu																	
	D. I. Khan	000	0	0	00	00	98	00	0	956	04	0	0	9	0	0	79	05
Quetta	Sibi	000	2	5	13	06	98	03	1	927	14	5	0	9	3	0	67	15
Kalat	Nokkundi	000	0	0	34	02	98	02	0	974	11	0	0	9	0	0	48	14
	Turbat	000	0	6	27	06	98	17	0	943	14	0	0	9	0	6	69	14
	Jiwani	000	0	0	20	10	98	02	0	955	94	0	0	9	0	0	71	99
	Pasni	000	0	0	18	09	97	00	0	946	94	0	0	9	0	0	79	00
	Ormara	000	0	0	31	05	98	00	0	948	98	0	0	9	0	0	66	04
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	0	25	14	95	05	0	936	91	0	0	9	0	0	85	99
	Karachi (Air Port)	000	0	1	23	12	96	01	0	936	96	1	1	6	0	0	78	01
	Badin	000	5	8	18	01	96	23	8	960	00	8	0	9	8	x	78	06
	Nagarparkar	008	0	7	08	00	98	02	2	914	02	7	9	5	0	0	62	04
	Umarkot	026	3	8	20	02	98	50	6	929	85	8	6	5	x	x	81	03
	Hyderabad	000	0	8	13	00	91	68	6	960	85	3	5	6	2	x	79	01
Khairpur	Padidan	000	0	1	36	10	97	02	0	919	08	0	0	9	0	1	62	10
	Nawabshah	038	1	8	13	09	96	97	2	938	81	5	9	5	3	x	78	09
	Sukkur	000	6	0	02	03	96	00	0	935	06	0	0	9	0	0	75	07
	Kashmore	000	0	0	23	10	99	00	0	xxx	xx	0	0	9	0	0	86	xx
	Jacobabad	000	1	4	31	10	96	29	0	931	90	2	9	7	3	0	79	12
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	4	09	03	98	01	9	437	75	4	1	4	0	0	62	77
Peshawar	Drosh	000	8	2	23	12	97	05	4	391	94	2	1	7	0	0	65	01
	Cherat	000	0	1	13	03	97	05	4	430	93	1	1	6	0	0	84	95
	Kakul	000	4	1	20	03	99	01	2	431	89	1	1	6	0	0	64	89
	Landi Kotal	000	8	1	13	02	95	05	4	426	94	0	0	9	0	3	65	95
	Parachinar	000	0	1	18	02	99	01	0	797	85	1	1	7	0	0	59	xx
D. I. Khan	Miranshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Wana																	
Quetta	Fort Sandeman	000	0	5	09	07	97	01	0	426	89	5	5	6	0	0	69	97
	Hindubagh	000	6	7	05	03	96	04	0	360	95	6	0	9	2	3	83	99
	Loralai	000	0	6	13	02	98	02	1	457	93	6	0	9	2	0	81	94
	Harnai	000	0	4	09	08	99	02	0	xxx	xx	x	x	x	x	x	xx	xx
	Quetta	012	0	7	13	02	96	02	6	444	77	7	0	8	1	0	67	94
	Chaman	000	0	0	11	09	96	00	0	498	99	0	0	9	0	0	61	05
Kalat	Kalat	000	0	6	34	12	97	03	2	425	79	6	7	6	0	0	55	91
	Nushki	000	2	8	36	05	99	00	0	452	06	0	0	9	0	0	51	10
	Dalbandin	000	8	4	18	03	96	03	0	407	08	3	8	7	3	0	57	10
	Panjgur	000	0	4	36	02	98	03	1	422	96	6	0	9	6	0	59	04
Afghanistan	Kabul	000	0	0	32	02	99	00	0	459	91	0	0	9	0	0	55	94
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	019	3	5	16	03	97	02	9	056	83	2	6	6	6	4	80	79	+ 5	+ 2	20.9	− 11.3	36.8	140
Chittagong	026	9	7	16	05	97	61	6	055	81	7	4	4	0	0	78	79		+ 2	25.0	+ 3.3	57.0	108
Maijdee Court	010	9	8	13	05	96	02	6	044	82	8	5	6	2	x	83	79	+ 3	0	28.1	+ 6.8	24.7	115
Comilla	047	5	8	00	00	96	02	6	041	84	8	5	5	2	x	80	80	+ 4	+ 3	10.5	− 8.4	36.5	94
Brahmanbaria	000	0	6	18	03	97	98	4	047	85	6	5	5	0	0	79	91	− 4	− 1	14.4	− 0.5	37.3	76
Sylhet	057	8	8	09	02	96	61	9	052	82	5	4	5	6	x	80	79			65.3		120.2	
Srimangal	012	6	7	00	00	96	03	9	053	84	4	3	5	4	0	78	79	+ 4	+ 1	21.3	+ 1.9	55.1	98
Mymensingh	003	0	8	13	02	96	60	2	053	84	8	6	4	x	x	81	79	+ 7	+ 1	21.7	+ 3.6	49.8	91
Narayanganj	058	9	7	13	02	96	03	6	042	86	4	4	6	x	x	79	81	+ 3	+	14.9	+ 2.1	36.1	74
Dacca (Tezgaon)	013	9	7	00	09	97	02	9	039	83	4	3	x	9	9	78	82	−	− 2	14.4		30.8	
Faridpur	032	9	6	00	00	97	03	6	030	85	6	5	7	0	0	79	78	+ 1	0	7.4	− 5.8	35.6	71
Barisal	096	9	8	00	00	97	03	9	042	83	8	7	5	x	x	82	79	+	0	13.8	− 4.8	28.6	81
Khulna	051	0	6	13	02	96	01	2	042	87	8	4	7	0	0	81	80	− 1	+ 2	12.6	− 0.3	33.5	68
Satkhira	064	0	8	00	00	95	03	2	039	88	x	x	x	x	x	79	79	0	1	7.6	− 5.7	25.1	65
Jessore	064	9	7	09	03	96	03	6	037	86	6	4	5	6	0	81	80	0	+	8.7	− 4.0	24.6	69
Sirajganj	011	7	6	09	03	99	03	6	024	87	6	2	5	0	0	80	81	+ 3	+ 3	7.7	− 4.9	32.8	64
Bogra	021	9	7	13	02	96	01	9	041	87	7	9	8	0	0	79	81	+ 2	+ 3	11.9	− 4.7	30.9	69
Dinajpur	000	3	4	00	00	96	02	2	035	88	4	0	9	2	2	77	80	+ 3	+ 2	11.5	− 2.7	28.8	72
Rangpur	005	0	3	09	02	96	01	5	xxx	84	2	5	6	2	0	81	79	+ 2	+ 1	22.9	+ 4.6	46.7	84
Jammu																							
Lahore (Hall Rd.)	000	0	0	13	03	96	02	0	002	93	0	0	9	0	0	73	84	− 2	+ 4	0.2	− 1.5	4.1	19
Sialkot	000	0	1	00	00	98	01	0	995	94	0	0	9	0	3	74	83	− 4	+ 2	.9	− 2.6	9.9	32
Jhelum	000	0	3	00	00	97	03	0	000	91	2	1	7	4	0	72	83	−	−	1.0	−	11.3	−
Rawalpindi	000	6	6	00	00	98	02	0	991	91	3	0	9	7	3	76	79	0	+ 2	1.0	− 1.5	14.0	36
Khushab	000	0	0	09	02	99	00	0	011	94	0	0	9	0	0	71	85	0	+ 2	1.2	− 0.3	6.7	15
Lyallpur	010	9	0	29	02	96	02	9	999	92	0	0	9	0	0	75	85	−	+	0.1	− 1.2	2.9	12
Montgomery	000	0	6	13	02	96	01	0	996	88	3	3	6	9	0	77	81	− 4	+ 3	0	− 1.0	2.3	10
Multan	100	0	1	09	07	96	07	0	985	96	0	0	9	0	1	76	90	+ 2	+ 6	0	− 0.6	2.1	7
Leiah	000	0	0	00	00	96	05	0	997	88	0	0	9	0	0	82	82			0		1.9	8
Khanpur	000	0	0	05	05	96	02	0	996	98	0	0	9	0	0	77	89	+ 2	+ 5	0	− 0.3	0.8	6
Bahawalnagar	000	0	0	07	05	97	00	0	980	96	0	0	9	0	0	72	89	+ 1	+ 5	0	− 0.3	1.0	6
Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						4
Chakdara	000	0	4	00	08	99	01	1	973	86	4	0	8	4	0	75	79						14
Peshawar	000	0	2	36	07	96	05	1	993	89	1	1	7	3	1	xx	84	− 3	+ 4	0	− 0.3	15.6	14
Haripur	000	3	7	23	02	97	03	2	972	92	7	6	6	0	0	80	70			0		12.9	
Campbellpur	000	0	0	00	00	98	00	0	016	93	0	0	9	0	0	76	70					10.9	
Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
D. I. Khan	000	0	0	00	00	96	05	0	991	92	0	0	9	0	0	74	85	−	−	1.0	−	14.0	
Sibi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	− 2					11
Nokkundi	000	0	0	00	00	99	00	0	968	95	0	0	9	0	0	72	83	−	−	0	−	0.3	10
Turbat	000	0	0	16	02	98	02	0	980	97	0	0	9	0	0	52	84	−	−			1.8	5
Jiwani	013	0	0	13	02	95	02	9	974	88	0	0	9	0	0	82	xx	−	−	0.1		4.6	2
Pasni	000	0	7	25	07	96	01	2	969	88	3	0	9	3	1	69	85	−	−	0		5.6	4
Ormara	000	0	6	29	09	97	03	0	950	69	4	0	9	2	2	77	83	+ 9	+ 4	0	− 0.3	2.5	68
Las Bela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						6
Karachi (Manora)	121	3	8	00	00	94	10	9	953	85	8	0	9	2	x	81	84	+ 9	+ 2	1.2	+ 0.5	1.2	8
Karachi (Air Port)	128	9	5	00	00	96	01	9	946	85	5	5	6	0	0	81	79			1.3		1.5	
Badin	000	3	6	23	02	96	02	0	959	83	6	3	6	0	0	79	83	+ 8	+ 1	0.6	− 1.3	0	9
Nagarparkar	060	0	0	23	02	95	00	0	945	95	0	0	9	0	0	75	80	−	−	0.6	−	0.6	−
Umarkot	026	0	7	02	02	98	02	6	932	85	7	0	9	1	0	79	80	−	−	0.3	−	1.0	−
Hyderabad	007	9	6	00	00	97	03	6	945	83	3	0	9	2	8	83	81	− 1	− 1	0.1	− 0.4	0.8	7
Padidan	000	9	1	36	09	96	06	1	947	96	1	0	9	3	0	73	90	−	−	0	−	0.3	−
Nawabshah	077	9	8	00	00	96	02	9	946	88	0	0	9	0	4	83	83	−	−	0.8	−	1.5	4
Sukkur	000	9	1	02	03	96	01	1	952	95	0	0	9	0	9	77	82	−	−	0	−	1.0	−
Kashmore	000	0	0	23	14	99	00	0	xxx	95	0	0	9	0	0	77	85	−	−	0		0.1	4
Jacobabad	000	0	0	05	02	96	03	0	961	89	1	0	9	4	0	77	87			0	− 0.3	0.7	49
Veraval																							20
Jalalabad																							
Muscat																							4
Kuwait																							
Srinagar																							26
Gulmarg																							71
Sonamarg																							26
Dras																							3
Leh																							6
Skardu																							
Misgar																							
Aliabad																							
Gilgit																							
Murree	009	0	6	13	10	97	02	1	453	69	4	3	3	8	0	62	64	+ 1	+ 5	5.0	+ 0.8	30.3	51
Drosh	000	2	2	00	03	96	05	4	477	88	2	1	7	0	0	67	78	+ 7	+ 7	0.1	−	29.3	59
Cherat	008	0	0	13	01	96	05	0	455	81	0	0	9	0	0	75	76	+ 3	+ 2	1.0	− 0.1	11.0	18
Kakul	000	9	6	00	00	97	01	2	452	81	6	4	7	0	0	69	73	−	−	1.8	−	12.7	29
Landi Kotal	008	3	1	05	03	97	01	4	444	85	0	0	9	0	3	67	xx	−	−	−	−	−	−
Parachinar	000	0	2	18	03	99	01	0	798	75	2	0	9	1	0	61	xx	−	−	−	−	−	−
Miranshah	000	0	0	00	00	99	00	0	446	88	0	0	9	0	0	72	78						29
Wana																							
Fort Sandeman	000	0	0	07	03	97	02	0	447	83	0	0	9	0	0	62	77						13
Hindubagh	026	9	3	00	00	97	01	6	405	72	0	0	9	0	2	60	72	− 4	+ 1	0	− 0.7	8.7	11
Loralai	000	0	0	27	02	98	00	0	448	76	0	0	9	0	0	69	67	−	−	0.3	−	8.3	−
Harnai	000	0	0	27	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	−	−	0	−	5.8	−
Quetta	012	0	4	23	03	95	01	6	411	75	4	5	7	0	0	62	67	−	−	0	− 0.8	4.3	14
Chaman	000	0	0	13	03	98	02	0	419	92	0	0	9	0	0	57	81	−	−	0.1	− 0.1	5.7	8
Kalat	002	0	1	00	00	98	02	5	427	77	0	3	9	0	1	57	58	+ 4	+ 5	0	0	6.1	7
Nushki	000	2	0	09	05	97	02	0	451	92	0	0	9	0	0	55	87	0	− 4	0	− 0.2	5.2	9
Dalbandin	000	9	0	36	02	95	02	1	409	95	0	0	9	0	0	55	85	−	−	0	−	1.8	−
Panjgur	000	0	4	05	02	98	03	0	418	86	4	0	9	6	0	65	77	+ 3	+ 10	0	0	2.1	5
Kabul	...	...	...	...	...	...	...	...	−	−	...	...	...	...	...	...	...	0	+ 3	0.1	−	1.8	4
Kandahar																							12

Given in Code.

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

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

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

Whenever 999 is given for RRR see the summary above for the amount of rainfall.

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March 28, 2002

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 1st JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C h_sh_s	0 $T_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	4	7	8	9	10	11
ARABIAN SEA										
Udomaru	33 143	722 00	8 35 33	97 02 2	030 81	48 4 2x	85 60 0	...	0 51 75	1 26 55
Anwarbaksh	33 227	679 06	6 10 05	97 02 2	952 85	51 5 10	33 40 0	...	0 00 83	1 10 35
Astrece	33 192	582 06	8 21 18	97 02 2	013 79	86 5 xx	54 11 4	...	0 52 77	1 21 44
President Jackson	33 213	619 06	8 31 18	97 02 2	903 81	84 2 xx	57 20 5	...	0 04 81	1 22 35
Valhalla	33 228	640 06	7 01 16	96 10 1	962 81	21 4 08	74 40 0	...	0 01 76	1 01 34
Astarte	33 185	577 12	8 21 18	97 02 2	006 79	86 5 xx	54 60 6	...	0 52 75	1 21 44
Woensdrecht	33 214	595 12	0 00 00	96 05 4	030 91	xx x xx	44 22 0	...	0 54 84	1 12 43
Astarte	33 178	571 18	8 21 16	97 02 2	030 79	86 5 xx	54 21 4	...	0 54 75	1 21 44

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			At surface and Standard Isobaric Levels HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	003 298 265	035 245 999	...	490 148 115	...	063 088 028	328 025 535	779 565 628	496 665 698	960 795	237 010	419 142	...
Jiwani ...														
Karachi ...	00 00	991 288 262	...	...	300 258 112		071 148 072	348 065 035	827 508 558	589 608 732	969 748	...	...	...
Lahore ...	00 00	976 300 210	...	...	436 222 158	...	072 055 999	305 559 999	...	...	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...	00 00	825 205 142	..	...	...	...	892 122 075	357 015 999	805 508 999	531 630 999	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	800 132 098	570 802 555	350 728 762	250 892 958	...	...		...	...	250 892 958	...	...
Jiwani ...													
Karachi ...	00 00	900 292 072	800 232 105	350 668 775	250 838 908	...	...	..	...	...	250 838 908	...	...
Lahore ...	00 00	560 600 999	...	...	...	...	...	...	...	...	560 600 999	...	...
Multan ...													
Peshawar ...													
Quetta ...	00 00	800 185 102	580 000 999	...	...	...	...	...	...	...	580 000 999	...	...

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l → / STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)
Bogra ...	14 08	14 10	14 20	15 14	14 15	14 12	18 15	18 24	18 21
Chaklala ...	...	...	...	...	...	...	...	...	...
Chhor ...	No	Ascent	...	...	...	...	...	...	...
Chittagong ...	18 18	18 23	17 25	...	...	...	...	...	...
Cox's Bazar ...	18 19	18 22	18 21	18 19	19 17	...	...	...	...
Dacca ...	14 17	15 18	15 18	15 17	...	...	...	...	...
Dalbandin ...	...	...	14 02	20 01	30 07	34 10	05 17	08 12	08 14
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...		...	...	22 23	21 14	26 07	25 15	23 41
Fort Sandeman ...	...		...	11 17	07 08	03 14	...	...	...
Jacobabad ...	07 09	08 10	08 12	...	...	...	...	...	...
Jessore ...	15 18	15 21	16 20	16 16	...	...	...	...	...
Jhelum ...	15 12	14 16	14 15	21 04	25 03	07 06	04 10	02 14	03 15
Jiwani ...	17 09	14 09	10 08	08 20	10 23	09 23	...	...	...
Karachi ...	17 12	11 11	07 13	07 20	06 29	06 35	...	...	...
Khanpur ...	04 27	05 30	06 33	...	...	...	...	...	...
Lahore ...	03 12	04 13	09 07	12 06	02 07	10 03	13 09	14 09	...
Multan ...	04 15	05 19	05 19	06 21	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	04 11	09 08	16 07	21 06	32 03	33 13	34 17	36 23
Quetta ...	No	Ascent	...	...	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	13 02	18 02	18 03	18 08	18 06	23 05	21 12	29 08	30 11
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l → / STATION	0.3 (11)	0.6 (12)	0.9 (13)	1.5 (14)	2.1 (15)	3.0 (16)
Bogra ...	18 03	17 03	14 05	...	...	...
Chaklala ...	...	...	...	...	...	...
Chhor ...	28 11	32 11	36 13	03 17	05 22	...
Chittagong ...	17 13	18 10	19 12	21 12	20 13	...
Cox's Bazar ...	17 12	18 09	20 11	20 11	20 10	...
Dacca ...	19 07	20 07	18 07	18 07	17 07	18 10
Dalbandin ...	...	...	32 02	35 07	20 02	30 05
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	18 01	22 01	23 03
Fort Sandeman ...	...	...	...	15 02	35 05	36 08
Jacobabad ...	04 16	06 21	06 23	08 19	12 09	30 04
Jessore ...	16 07	19 07	20 09	...	...	...
Jhelum ...	35 02	09 07	11 09	23 06	20 07	01 04
Jiwani ...	18 05	23 05	21 04	...	...	...
Karachi ...	34 15	34 24	...	...	...	...
Khanpur ...	05 31	07 29	08 25	10 26	11 23	10 23
Lahore ...	11 08	16 07	17 06	19 04	24 08	26 03
Multan ...	02 18	14 19	12 14	...	...	...
Muscat ...	-	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	34 03	29 04	21 04	21 07	15 06
Quetta ...	No	Ascent	...	...	...	...
Sharjah ...	...	...	...	...	...	...
Sylhet ...	15 07	...	...	...	...	...
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l → / STATION	0.3 (17)	0.6 (18)	0.9 (19)	1.5 (20)	2.1 (21)	3.0 (22)	4.5 (23)	5.4 (24)	6.0 (25)	7.2 (26)	9.0 (27)
Bogra ...	11 14	12 09	12 09	13 12	15 07	16 09	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	No	Ascent	...	...	...	...	...	...	...	...	...
Cox's Bazar ...			...	...	...	...	...	...	...	...	...
Dacca ...	17 03	17 04	16 06	16 05	16 06	16 07	...	...	...	...	...
Dalbandin ...	...	...	12 05	08 07	04 06	05 10	08 18	09 19	06 11	11 07	17 10
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 04	09 02	31 03	24 05	23 07	22 09	...
Fort Sandeman ...	...	...	...	07 11	06 07	09 11	...	...	...	...	...
Jacobabad ...	08 10	07 13	07 15	05 13	03 19	06 21	...	...	...	...	...
Jessore ...	10 05	11 05	12 05	15 05	15 07	...	...	...	...	...	...
Jhelum ...	21 01	19 07	18 08	18 10	21 03	...	...	...	...	...	...
Jiwani ...	28 14	28 14	29 14	32 17	03 15	06 19	...	...	...	...	...
Karachi ...	08 11	04 17	06 14	06 17	...	...	...	...	...	...	...
Khanpur ...	06 17	07 19	07 19	...	...	...	...	...	...	...	...
Lahore ...	16 15	15 16	14 15	13 09	06 05	02 08	07 06	07 16	09 14	12 15	20 10
Multan ...	09 07	09 13	09 10	06 12	05 11	13 15	12 07	12 11	16 07	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	—	—	...	...	...
Quetta ...	...	...	...	...	12 07	10 08	06 19	05 19	02 15	02 06	12 11
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	15 02	19 06	19 07	21 06	21 07	22 11	...	...	...	...	...
Veraval ...	—	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. / STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)	7.2 (11)	9.0 (12)	10.5 (13)	12.0 (14)	14.1 (15)	16.2 (16)	18.0 (17)	21.0 (18)	24.0 (19)
Chittagong ...																		
Dacca ...	19 12	20 09	17 12	17 12	17 09	16 10	19 14	28 08	27 27	23 04*	10 13	08 15	08 06	11 13	13 13	...	...	...
Karachi ...	33 10	03 22	03 22	04 24	05 37	05 37	07 28	08 24	09 25	09 23	07 19	08 15		..	...	...	..	...
Peshawar ...																		
Quetta ...																		

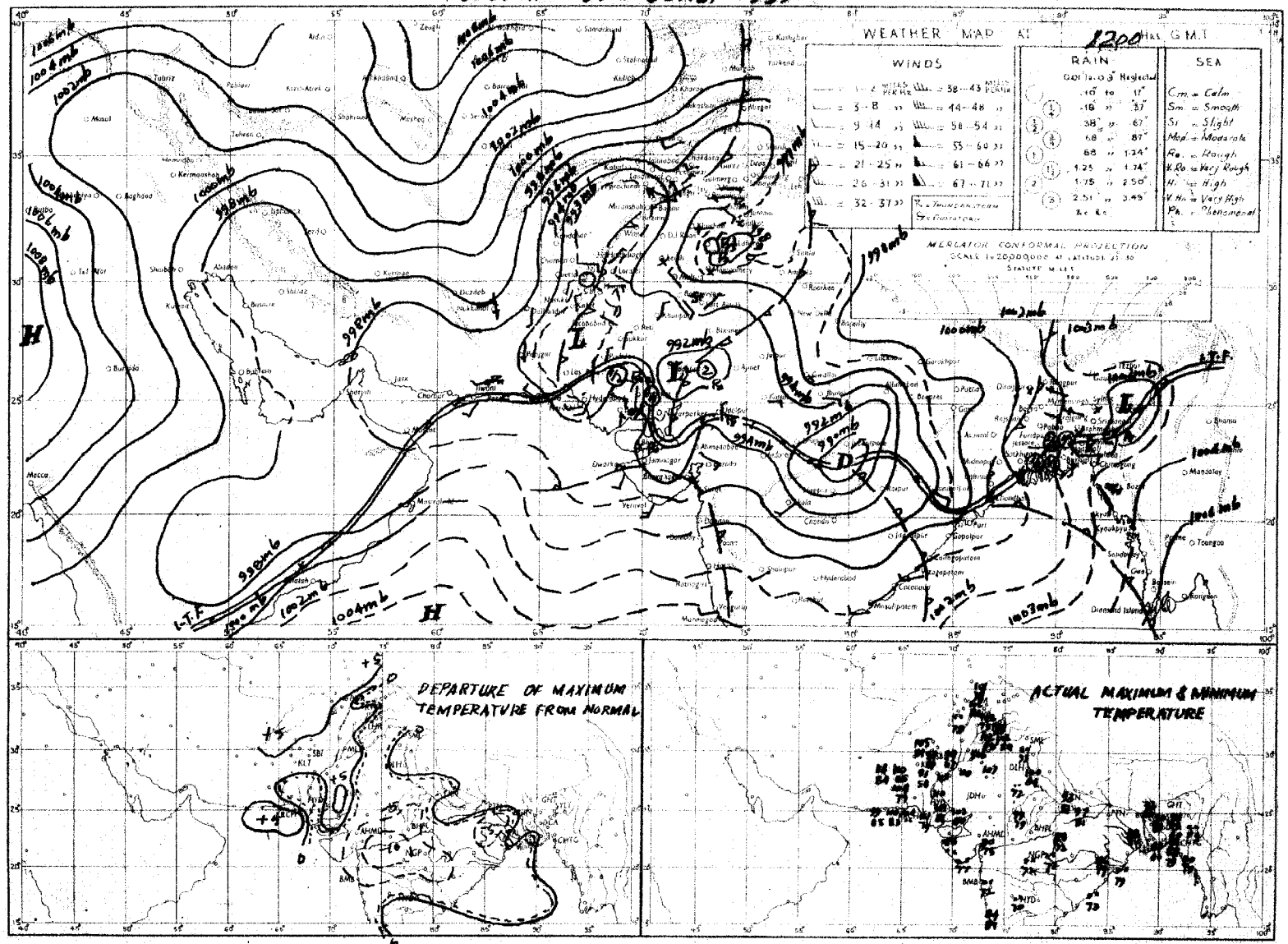
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv,v, etc.)

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

PAKISTAN DAILY WEATHER MAP

TUESDAY 30th JUNE, 1959



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

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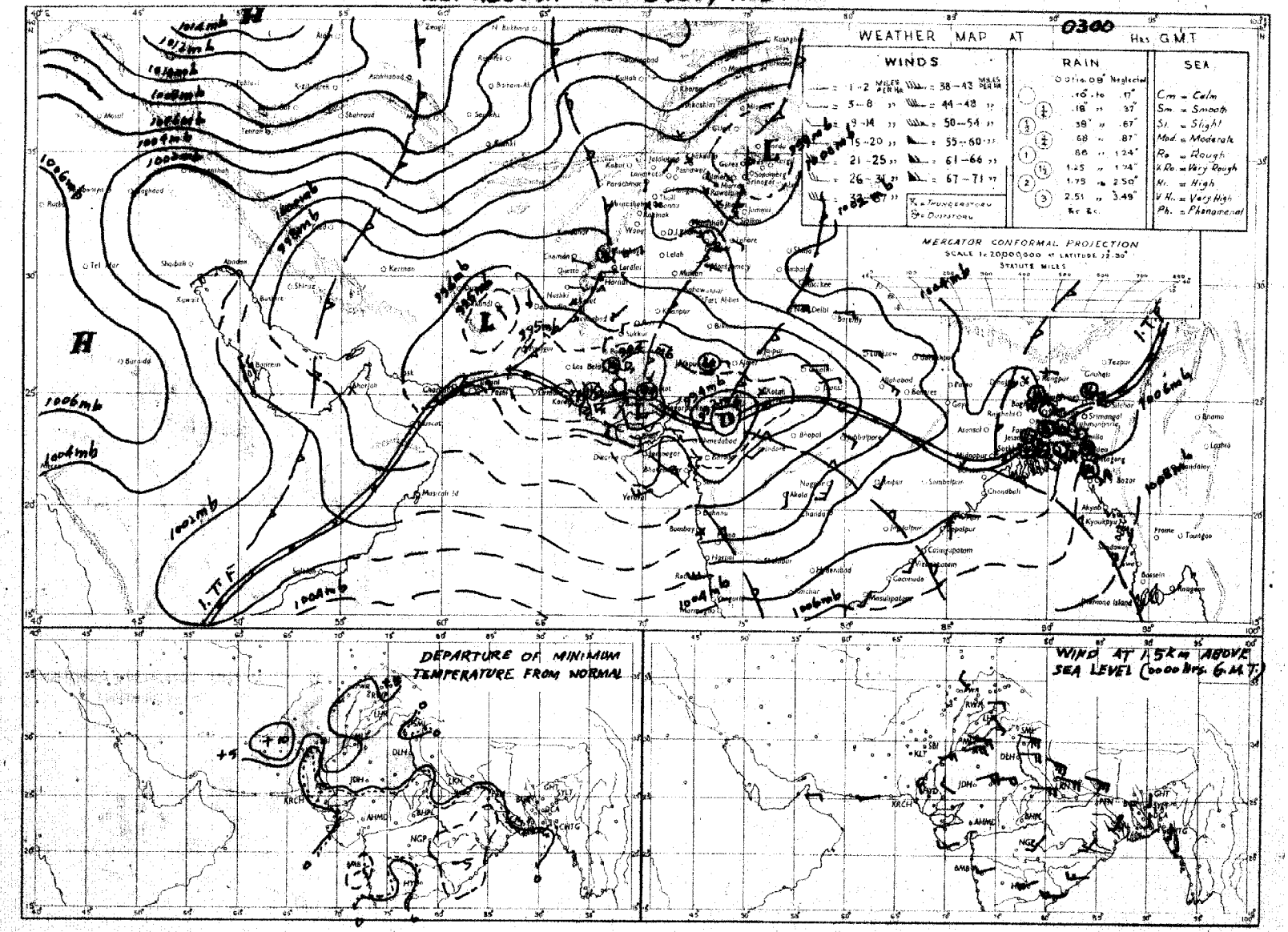
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 1st JULY, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457

Volume No. 13

THURSDAY THE 2nd JULY, 1959.

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

Observations from ships and coast are lacking but believe yesterday's deep depression emerged into North Arabian Sea and is centred at 02,0300 G. M. T. within half a degree of latitude 23 °N and longitude 67½ °E. It is likely to intensify and move in a westerly direction.

A fresh low pressure wave lies over Afghanistan.

Rain/thundershowers have been fairly widespread in Rawalpindi and Hyderabad divisions and the Federal Capital Area, local in Chittagong, Rajshahi, Peshawar and Khairpur divisions and scattered in Dacca, Lahore, Bahawalpur, D. I. Khan, Quetta and Kalat divisions.

Chief amounts of rainfall are: Kakul 4", Rawalpindi 3", Satkhira, Murree and Haripur 2" each, Sylhet 1", Sialkot 3/4", Rangpur, Fort Sandeman, Turbat and Badin ½" each and Brahmanbaria, Jhelum and Karachi Airport ¼" each.

Day temperatures were 3—5 °F above normal in Hyderabad, Bahawalpur, Multan and Peshawar divisions and East Pakistan.

Forecast valid until the evening of 3rd July, 1959. Rain/thundershowers will be fairly widespread in Hyderabad division and Federal Capital Area, local in south Kalat, Khairpur, Peshawar, Rawalpindi, Lahore and Chittagong divisions and scattered elsewhere over the country.

Heavy Rainfall Warning: Locally moderate to heavy rain will fall in Federal Capital Area and Hyderabad and Rawalpindi divisions and Kashmir during next 24 hours.

Karachi-11
The 2nd July, 1959.

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

OBSERVATIONS

At 1200 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	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)* PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	0	6	18	05	96	03	1	019	85	5	5	6	1	6	81	89
	Chittagong	005	8	5	18	09	97	02	6	010	85	5	4	5	0	0	79	89
	Maijdee Court	...	...	...	...	...	..		..			..	...	...	..	..		
	Comilla	000	0	6	00	00	96	03	1	006	86	0	4	5	0	0	80	89
	Brahmanbaria	025	3	5	00	00	97	03	6	004	84	2	4	5	0	7	78	98
	Sylhet	000	8	6	00	00	96	02	6	997	87	6	8	6	0	0	77	89
	Srimangal	010	3	5	00	00	96	03	9	010	89	5	3	5	0	0	86	92
Dacca	Mymensingh	029	7	8	00	00	98	02	6	002	88	8	4	5	x	x	81	89
	Narayanganj	000	9	7	09	02	96	03	2	999	88	8	0	6	7	3	xx	90
	Dacca (Tezgaon)	000	9	7	18	02	98	02	2	995	87	5	9	5	0	2	80	88
	Faridpur	000	9	8	16	02	96	03	0	986	85	3	7	6	0	0	81	89
	Barisal	000	0	8	18	02	97	01	2	001	89	6	7	6	4	0	80	91
Rajshahi	Khulna	000	0	5	13	05	97	01	2	998	88	5	5	7	0	0	80	91
	Satkhira	000	0	8	00	00	95	03	2	996	89	x	x	9	x	x	79	93
	Jessore	000	0	6	18	03	96	02	2	990	89	5	4	5	6	0	82	92
	Sirajganj	000	0	8	00	00	98	02	2	988	85	8	1	9	0	4	81	90
	Bogra	000	0	7	13	03	96	71	2	991	86	4	5	6	0	1	80	90
	Dinajpur	000	8	2	00	00	96	01	1	983	89	2	0	9	1	0	78	91
	Rangpur	000	0	4	18	02	96	01	1	xxx	88	4	5	6	0	0	80	93
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	5	4	13	02	96	02	1	946	05	4	2	7	0	0	68	05
	Sialkot	012	4	6	31	03	97	03	6	959	92	6	7	6	x	x	75	96
Rawalpindi	Jhelum	000	2	7	13	05	97	03	9	925	94	4	2	6	1	0	73	05
	Rawalpindi	000	0	7	25	03	98	17	2	951	98	6	0	9	6	8	77	02
	Khushab	000	0	0	00	00	99	00	0	943	05	0	0	9	0	0	75	07
Multan	Lyallpur	000	0	0	16	02	96	00	0	949	02	0	0	9	0	0	72	04
	Montgomery	000	0	0	13	02	96	00	0	946	04	0	0	9	0	0	69	05
	Multan	000	0	3	05	05	95	07	1	933	07	3	1	6	0	0	73	08
Bahawalpur	Leiah	000	0	6	36	10	98	03	1	865	10	4	5	7	6	0	83	12
	Khanpur	000	0	0	02	09	95	06	0	916	12	0	0	9	0	0	73	13
	Bahawalpur	000	0	7	02	07	96	09	3	925	05	0	0	9	0	0	68	05
	Fort Abbas	000	0	0	05	07	98	00	0	57	03	0	0	9	0	0	67	05
Peshawar	Chakdara	000	0	2	27	05	99	01	1	938	00	0	0	9	0	0	91	01
	Peshawar	000	4	7	18	07	96	05	9	933	01	1	3	7	3	7	69	05
	Haripur	000	3	3	23	06	96	02	1	917	99	4	0	9	4	0	75	03
	Campbellpur	000	0	4	23	09	98	01	1	962	01	0	0	9	0	2	81	05
D. I. Khan	Bannu	000	0	2	13	01	99	01	0	935	03	0	0	9	0	8	76	04
	D. I. Khan	000	0	4	13	02	98	03	0	935	04	0	0	9	4	0	86	05
Quetta	Sibi	007	0	0	23	02	xx	00	0	957	88	0	0	9	0	0	75	13
Kalat	Nokkundi	000	0	0	36	02	98	02	0	860	12	0	0	7	0	0	50	16
	Turbat	000	0	3	13	02	96	03	0	903	12	0	0	9	3	0	76	12
	Jiwani	000	0	0	23	17	96	01	1	924	93	0	0	9	0	0	80	96
	Pasni	000	0	7	23	24	95	07	0	910	95	7	0	9	2	0	81	01
	Ormara																	
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	015	2	8	00	00	94	52	9	909	82	0	0	9	2	0	82	92
	Karachi (Air Port)	034	2	8	23	03	96	20	9	912	82	8	0	9	2	x	79	96
	Badin	000	3	8	18	02	97	03	8	910	89	8	3	9	0	0	81	01
	Nagarparkar																	
	Umarkot	036	3	8	23	03	98	00	6	887	94	8	0	9	1	0	38	02
	Hyderabad	000	0	8	00	00	97	03	0	893	94	2	5	6	2	0	75	06
Khairpur	Pad-i-dan	000	0	3	02	14	96	06	0	891	09	3	2	6	0	0	60	11
	Nawabshah	000	6	8	00	00	95	96	9	898	97	3	9	6	2	x	85	01
	Sukkur	000	4	0	02	05	94	05	4	902	04	0	0	9	0	0	76	08
	Kashmore	000	0	18	12	99	00	00	0	xxx	xx	0	0	9	0	0	86	xx
	Jacobabad	000	0	3	09	14	96	07	0	910	11	3	5	9	0	0	78	12
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Alibad																	
	Gilgit																	
Rawalpindi	Murree	024	3	6	23	03	97	17	6	435	73	6	9	3	0	0	63	77
Peshawar	Drosh	000	6	4	23	09	97	05	4	378	98	4	1	7	0	0	65	02
	Cherat	000	0	3	13	03	97	03	4	417	87	0	0	9	1	8	79	93
	Kakul	000	1	7	18	07	97	17	9	422	88	5	4	6	6	3	64	98
	Landi Kotal	000	0	6	13	02	97	03	0	408	92	0	0	9	7	3	62	97
D. I. Khan	Parachinar	012	6	0	00	00	99	02	9	790	67	8	6	9	0	6	06	xx
	Miranshah	000	0	4	05	02	99	03	2	506	97	4	2	8	0	0	66	99
	Wana	000	5	5	36	03	98	10	1	434	80	5	2	8	0	0	60	94
	Fort Sandeman	000	0	7	07	09	97	03	0	415	80	7	5	6	0	0	66	94
Quetta	Hindubagh	000	6	5	05	03	96	04	0	357	92	0	0	9	0	4	75	99
	Loralai	000	0	5	13	02	98	02	1	471	91	0	0	9	2	0	84	94
	Harnai	000	0	6	09	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	6	31	03	95	03	0	392	89	0	0	8	2	0	68	94
	Chaman	003	8	8	05	12	96	02	2	416	81	8	4	6	0	0	61	03
Kalat	Kalat	000	0	3	09	10	98	02	1	397	84	3	0	9	3	0	56	88
	Nushki	000	3	3	09	05	92	03	0	443	07	3	0	7	2	0	47	11
	Dalbandin	000	8	6	13	12	98	07	1	577	07	5	8	7	3	0	56	11
	Panjgur	000																
Afghanistan	Kabul	000	0	0	36	02	99	00	0	358	91	0	0	9	0	0	59	94
	Kandahar																	

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 cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level Pressure (mbs. and tenths)* PPP	Dry Bulb temperature TT	Amount of Lowest Cloud † Nh	Low Cloud Form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F. TdTd	Minimum Temperature °F TnTn	Departure from Normal of Maximum Temperature TxTx	Departure from Normal of Minimum Temperature TnTn	Rainfall Since 1st June 1959 to date	Rainfall Departure from normal	Rainfall Since 1st January 1959 to date	Annual normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	004	9	4	16	05	97	01	6	024	88	1	1	7	0	6	80	79	+ 4	+ 2	21.0	— 2.3	36.7	140
	Chittagong	005	0	7	11	02	97	02	2	020	86	5	4	5	2	0	81	80	+ 3	+ 3	25.1	+ 2.7	57.1	108
	Maijdee Court	010	9	8	00	00	96	03	2	023	87	3	1	6	2	1	79	82		+ 3	22.9	+ 0.8	54.8	115
	Comilla	000	0	8	00	00	96	03	2	021	85	8	4	5	1	1	81	82	+ 2	+ 5	10.5	— 8.9	36.5	94
	Brahmanbaria	025	0	6	00	00	97	03	1	019	84	6	5	5	0	0	80	81	—	—	14.7	— 0.9	37.5	76
	Sylhet	115	4	8	09	02	96	95	9	020	79	9	3	3	1	1	78	79	—	—	66.4	—	114.4	—
	Srimangal	010	3	7	00	00	96	03	9	022	86	5	3	5	4	1	79	78	+ 2	0	21.4	+ 1.6	55.2	98
Dacca	Mymensingh	027	0	8	00	00	98	02	2	020	86	8	7	6	1	1	81	79	+ 2	0	21.9	+ 8.9	50.1	91
	Narayanganj	000	9	8	09	02	95	03	2	012	87	8	4	5	1	1	81	83	+ 2	+ 4	14.9	+ 1.7	36.1	74
	Dacca (Tezgaon)	000	7	7	13	02	97	01	1	009	86	6	8	5	3	1	82	81	—	—	14.4	—	30.8	—
	Faridpur	000	9	8	00	00	97	03	0	017	86	8	5	6	0	0	81	80	+ 2	+ 2	7.4	— 6.2	35.6	71
	Barisal	012	3	7	18	02	97	63	6	011	85	7	6	5	0	0	82	83	+ 4	+ 4	13.9	— 2.1	28.7	81
Rajshahi	Khulna	000	0	8	00	00	96	03	2	016	88	8	5	6	1	1	81	82	+ 3	+ 4	12.6	— 0.8	33.5	68
	Satkhira	240	0	8	00	00	95	03	2	014	85	1	1	8	1	1	81	88	+ 4	+ 10	9.4	— 3.7	27.5	65
	Jessore	000	0	8	18	03	96	03	2	009	85	8	4	5	x	x	79	79	+ 3	—	8.7	— 4.4	24.6	45
	Sirajganj	000	0	8	31	02	98	02	2	000	85	8	2	9	0	0	76	82	+ 3	+ 4	7.7	— 5.3	32.6	64
	Bogra	000	6	7	09	02	96	02	9	012	81	2	5	6	2	0	78	81	+ 2	+ 3	11.9	— 2.2	30.9	69
	Dinajpur	012	3	8	00	00	96	02	6	025	83	8	4	7	x	x	79	80	+ 2	+ 2	11.6	— 3.1	28.9	72
	Rangpur	040	2	8	13	01	95	61	6	xxx	80	8	5	6	1	1	79	79	+ 5	+ 1	23.3	+ 4.5	47.1	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	9	5	13	03	96	01	1	980	91	2	2	7	7	6	73	87	+ 1	+ 7	0.2	— 1.6	4.1	19
	Sialkot	087	1	8	05	02	97	21	6	006	74	8	7	5	x	x	74	74	— 6	— 7	3.5	+ 0.6	6.7	32
Rawalpindi	Jhelum	025	2	8	31	07	94	63	5	008	75	6	7	5	2	x	73	74	—	—	1.2	—	11.5	—
	Rawalpindi	282	4	6	27	02	98	50	9	010	71	4	5	7	6	0	69	70	0	— 7	3.8	+ 1.2	14.8	36
	Khushab	000	0	6	09	09	96	03	3	993	89	6	3	6	0	0	77	88	+ 2	+ 5	1.2	— 0.4	6.7	15
Multan	Lyallpur	000	0	7	13	02	96	03	2	978	90	7	6	8	0	0	76	81	+ 1	— 2	0.1	— 1.3	2.9	12
	Montgomery	000	0	4	13	02	96	00	0	973	90	2	2	9	0	0	74	87	— 1	+ 1	0	— 1.1	2.3	10
	Multan	000	0	0	13	03	97	02	0	953	93	0	0	9	0	0	76	91	+ 4	+ 5	0	— 0.7	2.1	7
Bahawalpur	Leiah	000	0	6	00	00	98	02	2	972	80	2	2	8	3	0	78	88	—	—	0	—	1.9	8
	Khanpur	000	0	0	05	03	96	02	0	934	95	0	C	9	0	0	77	90	+ 5	+ 5	0	— 0.4	0.8	6
	Bahawalpur	000	0	0	07	05	97	00	0	947	93	0	0	9	0	0	72	89	+ 1	+ 5	0	— 0.4	1.0	6
	Fort Abbas	000	0	0	05	10	98	00	0	947	93	0	0	9	0	0	70	87	—	—	0	—	0.3	4
Peshawar	Chakdara	000	0	6	00	00	99	01	2	952	84	0	0	8	4	0	74	85	—	—	0	—	15.6	—
	Peshawar	000	0	1	31	09	96	05	1	959	02	1	3	6	3	0	73	64	0	+ 4	0	— 0.3	12.9	14
	Haripur	255	5	7	13	02	96	03	2	991	72	7	7	6	0	0	71	56	—	—	2.5	—	13.4	—
	Campbellpur	000	4	7	13	16	98	03	2	014	88	0	0	9	0	0	72	60	—	—	0.1	—	14.0	—
D. I. Khan	Bannu	000	0	0	13	01	97	05	0	939	96	0	0	9	0	0	67	88	—	—	1.3	—	8.3	11
	D. I. Khan	000	0	3	00	00	98	01	1	955	95	0	0	9	0	3	82	87	— 2	+ 4	0.1	0	3.8	10
Quetta	Sibi	007	0	6	00	00	98	02	3	938	90	0	0	9	0	3	74	80	—	—	0.1	—	0.4	5
Kalat	Nokkundi	000	0	0	31	02	98	02	0	914	96	0	0	9	0	0	64	93	—	—	0	—	1.1	2
	Turbat	000	0	3	23	02	95	03	0	918	87	0	0	9	6	0	81	xx	—	—	0.6	—	5.1	—
	Jiwani	000	9	5	20	03	96	01	2	927	86	5	0	9	7	0	81	84	—	—	0	—	5.6	4
	Pasni	000	0	6	29	07	96	00	0	919	87	6	0	9	0	0	84	83	+ 10	+ 4	0	— 0.3	2.5	6
	Ormara																							6
	Las Bela																							8
Karachi Federal Area & Hyderabad	Karachi (Manora)	015	9	8	05	05	95	05	9	904	87	0	0	9	7	0	77	85	+ 2	+ 3	1.4	+ 0.6	1.4	8
	Karachi (Air Port)	034	9	7	00	00	96	02	2	905	88	7	5	6	8	0	81	82	—	—	1.6	—	1.9	—
	Badin	050	6	9	07	02	95	03	3	901	83	9	0	9	8	8	82	83	+ 3	+ 1	0.5	— 1.0	[illegible]	9
	Nagarparkar																							—
	Umarkot	036	0	8	05	16	98	60	0	902	79	8	0	5	0	8	79	79	—	—	0.6	—	1.4	—
	Hyderabad	008	9	7	00	00	97	01	6	905	87	3	5	6	2	0	79	85	— 4	+ 3	0.1	— 0.4	0.9	7
Khairpur	Pad-i-dan	015	9	0	05	05	96	06	6	921	91	0	0	9	0	0	75	86	—	—	0.1	—	0.4	—
	Nawabshah	000	9	4	36	07	95	06	9	922	95	0	0	9	0	1	78	85	—	—	0.8	—	2.0	—
	Sukkur	000	9	0	00	00	94	05	4	925	95	0	0	9	0	0	77	88	—	—	0	—	1.0	4
	Kashmore	000	0	0	18	07	99	00	0	xxx	95	0	0	9	0	0	77	86	—	—	0	—	0.1	—
	Jacobabad	000	0	0	05	05	96	02	0	927	97	0	0	9	0	0	74	90	0	+ 5	0	— 0.3	0.7	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Alibad																							
	Gilgit																							5
Rawalpindi	Murree	213	9	8	13	05	96	61	9	436	59	8	9	3	x	x	57	59	+ 1	0	7.2	+ 1.6	32.4	59
Peshawar	Drosh	000	9	4	00	00	97	01	4	404	86	4	2	6	0	0	68	81	+ 8	+ 10	0.1	—	29.3	18
	Cherat	000	0	8	13	07	95	44	2	427	71	8	6	6	x	x	71	70	+ 1	— 2	0	— 1.2	11.0	29
	Kakul	381	7	8	18	05	98	21	9	425	68	7	3	6	0	0	65	64	—	—	5.7	—	46.5	—
	Landi Kotal	000	0	3	05	03	97	03	0	401	80	0	0	9	7	0	69	xx	—	—	0	—	15.4	—
D. I. Khan	Parachinar	012	0	7	00	00	99	02	0	795	70	3	2	9	8	0	65	xx	—	—	2.2	—	12.2	29
	Miranshah	003	0	4	00	00	99	03	0	428	98	4	2	8	0	0	81	84	—	—	0	—	3.0	13
	Wana	000	0	0	20	02	96	00	6	423	80	0	0	9	0	0	62	73	—	—	0	—	9.0	—
	Fort Sandeman	051	5	4	00	00	98	01	6	426	76	4	0	9	0	3	65	69	— 7	— 7	0.5	— 0.2	9.2	11
Quetta	Hindubagh	000	2	3	00	00	97	00	0	391	76	0	0	9	0	1	67	76	—	—	0.3	—	8.3	—
	Loralai	000	2	4	00	00	98	02	5	459	69	0	0	9	2	0	67	64	—	—	0	—	5.8	—
	Harnai	000	0	0	27	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0	— 0.9	4.3	14
	Quetta	000	0	0	13	02	95	00	0	389	79	0	0	9	0	0	69	71	—	x	0.1	— 0.1	5.7	8
	Chaman	013	0	0	09	03	98	02	0	396	82	0	0	9	0	0	60	74	+ 2	— 2	0.1	— 0.1	6.2	7
Kalat	Kalat	000	0	1	05	05	98	01	1	465	76	0	3	9	0	1	57	67	— 3	+ 5	0	— 0.2	5.2	9
	Nushki	000	0	4	09	05	90	03	0	441	92	4	0	9	3	0	53	86	—	—	0	—	1.8	—
	Dalbandin	000	9	3	18	02	94	06	1	389	94	2	0	9	3	1	62	89	+ 4	+ 14	0	0	2.1	5
	Panjgur																							4
Afghanistan	Kabul	000	0	0	27	00	99	00	0	459	72	0	0	9	0	0	55	72	—	—	—	—	—	12
	Kandahar																							—

Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 2nd JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ... W	PPP TT	$N_hC_hhC_mC_H$	D_aV_sa PP	8 N, C_h, h_s	O $T_wT_wT_dT_d$	$fd_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sagra ...														
Chittagong ...														
Dacca ...	00 00	000 302 268	...	...	420 185 165	...	080 112 088	350 042 502	813 545 585	541 642 688	967 782	...	...	...
Karachi ...	00 00	989 202 278	577 xxxxxx	...	350 248 178	...	039 132 305	309 068 032	786 512 592	537 602 735	970 732	253 968	437 128	680 245
Lahore ...	00 00	973 305 252	526 999 999	...	408 212 185	...	044 078 999	296 010 999	741 555 999	448 698 999	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT TdTdTd								Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE: St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Sagra ...													
Chittagong ...													
Dacca ...	00 00	900 212 198	800 165 138	551 002 525		...	...	...	...	...	551 002 525	...	...
Karachi ...	00 00	900 295 512	800 215 162	350 662 825		...	...	...	...	...	350 662 825	...	...
Lahore ...	00 00	...	...	...	...	...	...	...	...	...	490 688 999	...	...
Multan ...													
Peshawar ...													
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT: TdTdTd:Dry Bulb:Dew Point temperatures (in tenths of(oC)
Str- Character of tropopause.

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

UPPER WIND DATA*

Height in Kms. a.s.l ⟶	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Sagra ...	13 09	13 06	21 03	26 05	25 05	20 10	19 10	...	...	25 02	25 07	28 07	31 06	...	...	30 01	31 05	33 06	36 07	03 04	35 05	34 04	34 09	29 08	25 09	...
Chaklala ...	33 09	21 07	15 08	10 05	06 03	36 05	09 04	17 04		04 17	08 33	04 19	05 25	05 28	...	...	10 02	21 05	30 07	04 02	31 03	34 11	34 07	32 05	25 10	...
Calcutta ...	26 07	12 06	...	...	...	...	...	...	...	16 04	20 04	23 02	20 04	19 03	23 08	No	Ascent	...	...	...	...	...	...	...	...	...
Chittagong ...	No	Ascent	...	...	...	...	...	...	...	19 06	20 03	22 02	21 03	19 06	06 08	No	Ascent	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	09 05	09 10	19 10	xx xx	08 05	14 08	...	...	...	24 09	25 08	25 07	25 02	29 02	19 09	13 03	13 06	13 06	11 08	...	...	...	...	...	...	...
Dacca ...	18 05	20 03	23 04	21 04	19 06	19 12	21 05	36 07	36 07				35 02	29 02	19 09				13 06	32 04	30 08	35 07	03 12	05 22	05 28	07 24	07 17	35 05
Dalbandin ...	...	...	80 01	08 03	04 03	27 07	04 10	02 10	02 15	...	...	15 09	13 12	09 04	35 13	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	22 13	27 07	27 06	...	...	...	...	...	23 02	22 09	27 05	...	...	...	...	22 14	17 08	...	...	...	...	...
Fort Sandeman ...	...	...	...	22 07	05 03	12 06	...	...	...	...	...	...	20 03	27 04	02 11	...	...	...	01 02	30 06	36 12	33 13	32 09	02 05	10 04	08 11
Hyderabad ...	07 11	07 14	08 16	07 23	...	...	...	...	...	01 08	08 15	07 19	10 23	...	...	06 12	05 11	05 09	03 07	...	...	...	...	...	...	...
Jacobabad ...	16 05	16 06	17 03	19 05	21 06	...	...	...	...	26 13	29 16	31 13	25 10	...	...	34 04	34 06	35 07	34 07	...	...	...	...	...	...	...
Jhelum ...	12 12	12 05	19 04	xx xx	xx xx	32 09	...	...	...	09 04	15 18	18 16	21 18	20 17	...	No	Ascent	...	...	...	...	...	...	...	...	...
Jiwani ...	24 21	25 22	26 18	34 13	04 07	03 09	04 21	04 24	06 24	24 05	29 07	31 08	33 04	33 06	02 12	28 03	30 03	30 05	25 08	31 07	02 09	03 17	31 25	04 29	05 27	02 15
Karachi ...	16 05	22 21	...	...	...	...	...	...	...	03 13	04 19	...	...	...	...	04 12	04 12	04 16	...	...	...	...	...	...	...	...
Khanpur ...	05 27	05 35	...	...	...	...	...	...	...	09 23	08 24	08 30	08 23	...	...	06 18	06 21	06 20	07 15	07 33	06 33	06 35	...	...	...	...
Lahore ...	13 04	11 07	10 07	10 10	09 07	11 06	...	...	...	15 12	16 18	16 16	15 13	34 08	02 06	11 10	10 09	12 13	13 18	13 07	13 09	12 09	13 07	15 06	...	...
Multan ...	07 06	06 09	06 10	06 11	07 12	08 11	09 15	08 15	...	11 17	13 17	12 15	11 14	10 20	11 21	08 08	10 08	10 11	07 15	07 21	...	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	04 05	10 02	22 05	20 07	24 02	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	09 12	08 09	05 20	04 16	01 20	No	Ascent	...	...	...	...	...	...	...	...	18 05	07 14	05 19	04 06	06 06	07 04	14 03
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	11 02	16 02	24 03	25 07	25 08	28 11	...	...	...	...	...	...	...	...	...	10 04	13 05	11 06	05 03	06 04	21 02	36 02	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	21 07	24 08	27 02	29 03	32 04	16 02	16 06	19 11	19 05	05 03	02 02	08 06	04 03					
Karachi ...	30 09	04 12	04 12	04 19	04 32	03 41	02 49	08 45	06 31	06 31	07 23	07 31	05 24	09 11	12 05	11 08	08 07	11 25
Peshawar ...																		
Quetta ...																		

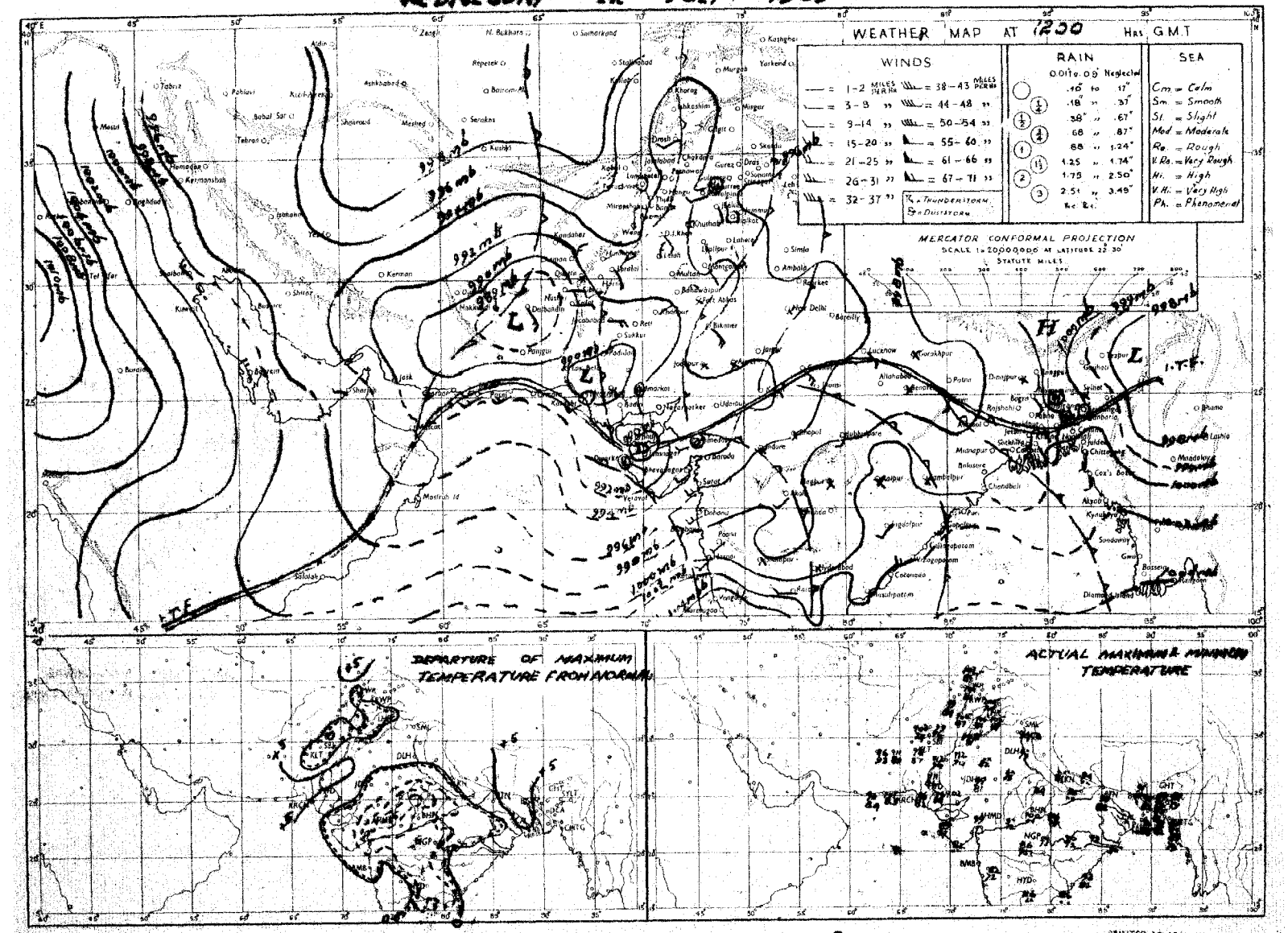
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGIII Cddv,v,etc.)

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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 1st JULY 1959



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

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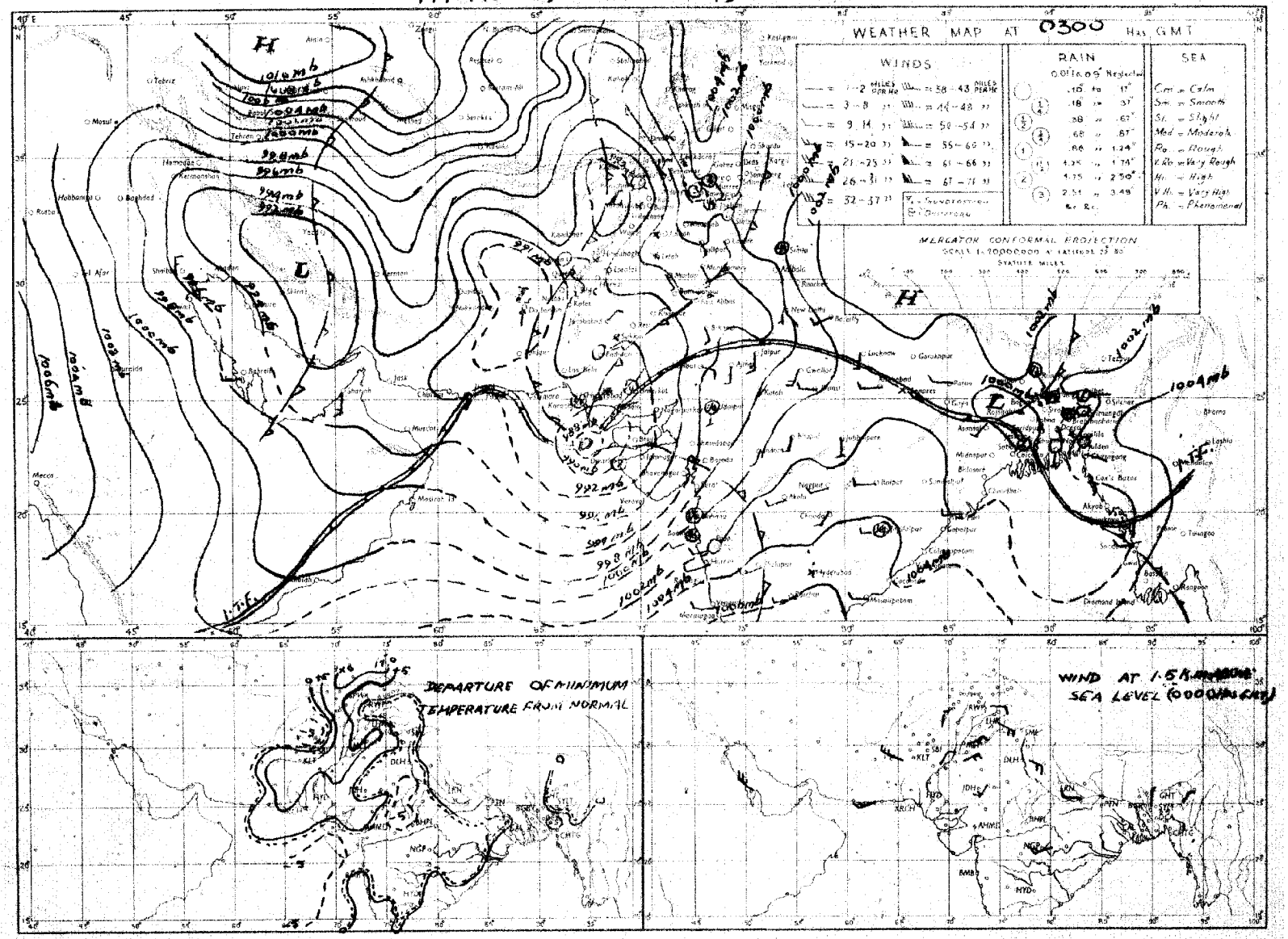
PAKISTAN DAILY WEATHER MAP

THURSDAY, 2nd JULY, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

FRIDAY THE 3rd JULY, 1959.
Summary of observations recorded at 0300 hrs. G.M.T.

yesterday's deep depression is centred at 03,0300 G. M. T. between Karachi and Hyderabad. It is likely to move slowly in same northely direction.

The low pressure wave over Afghanistan lies over Peshawar division and neighbourhood.

Fairly widespread rain/thundershowers have occurred in Quetta, Khairpur, and Hyderabad divisions and Federal Capital Area, local in Lahore, Rawalpindi, Peshawar, D. I. Khan and north Kalat divisions and scattered in Multan, Bahawalpur, and south Kalat divisions.

Conditions are markedly unscattered in northeast Bay of Bengal where a depression may form.

Local rain has fallen in East Pakistan.

Chief amounts of rainfall are: D. I. Khan 4", Barisal, Satkhira, and Karachi (Manora) 3" each, Jhelum, Bannu, Loralai, Karachi (Airport) and Jacobabad 2" each, Rangpur, Sialkot and Hyderabad 1½" each, Khulna, Multan, Chakdara and Nawabshah 1" each, Faridpur 3/4", Sibi and Nagarparkar ½" each and Cox's Bazar, Comilla, Jessore, Khanpur, Hindubagh, Harnai, Nushki and Badin ¼" each.

Day temperatures were generally 4—10 °F below normal in west Pakistan and were 2—4 °F above normal in East Pakistan.

Forecast valid until the evening of 4th July, 1959. Rain/thundershowers will be fairly widespread in Chittagong, D. I. Khan, Peshawar, Rawalpindi, Lahore, Hyderabad and Khairpur divisions, the Federal Capital Area and Kashmir, local elsewhere over the country.

Heavy Rainfall Warning: Locally moderate to heavy rain will fall in Hyderabad, D. I. Khan, Peshawar, Rawalpindi and Lahore divisions, Kashmir and East Pakistan during next 24 hours.

Karachi-11
The 3rd July, 1959.

OBSERVATIONS

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

At 1200 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	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)* PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	008	2		11		96	61	9	988	84	7	4	6	2	x	83	89
	Chittagong	000	1	8	18	02	97	02	6	981	84	5	4	4	2	x	81	88
	Maijdee Court	000	9	8	23	05	96	02	2	978	87	2	5	5	4	1	80	90
	Comilla	025	6	8	00	00	96	02	6	979	84	8	4	5	x	x	80	90
	Brahmanbaria	070	9	7	00	00	96	02	2	972	85	2	8	6	3	6	81	89
	Sylhet	000	9	7	00	00	96	02	2	972	85	2	8	6	3	6	81	89
	Srimangal	000	7	7	00	00	96	03	9	981	83	4	3	4	0	2	77	90
Dacca	Mymensingh	000	6	8	27	02	98	02	5	978	87	8	7	6	x	x	80	89
	Narayanganj	000	9	8	16	03	96	03	2	971	87	2	4	6	3	8	79	90
	Dacca (Tezgaon)	000	4	7	00	00	98	02	6	964	87	6	8	4	0	3	80	89
	Faridpur	078	6	8	16	02	96	01	6	994	89	8	4	7	x	x	80	88
	Barisal	115	4	8	00	00	97	03	9	971	85	8	7	6	x	x	79	86
Rajshahi	Khulna	000	0	8	00	03	96	02	2	975	84	8	5	6	x	x	79	90
	Satkhira	297	0	8	00	00	95	03	9	983	81	0	0	9	0	0	79	90
	Jessore	028	3	6	09	02	96	02	6	971	82	4	4	5	6	0	79	91
	Sirajganj	000	0	8	00	00	98	02	2	959	83	0	0	9	0	4	79	90
	Bogra	000	0	7	13	02	96	02	2	970	87	5	5	6	2	0	81	89
	Dinajpur	000	0	4	00	00	96	02	1	960	87	4	0	9	2	0	80	90
	Rangpur	130	0	4	13	02	96	01	6	xxx	88	4	5	6	0	0	82	93
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	004	5	2	05	03	96	02	6	939	95	1	2	7	0	1	74	98
	Sialkot	152	6	4	31	02	99	01	6	953	85	2	0	9	3	6	79	85
Rawalpindi	Jhelum	232	5	5	05	02	98	01	9	957	87	5	0	9	1	0	74	87
	Rawalpindi	000	0	3	11	02	99	01	1	950	87	1	2	7	0	8	76	87
	Khushab	000	0	2	09	05	96	05	4	946	95	2	3	6	0	0	73	97
Multan	Lyallpur	000	0	0	05	03	97	00	0	930	97	0	0	9	0	0	73	97
	Montgomery	000	0	6	09	03	96	00	0	930	95	3	3	9	0	0	73	00
	Multan	000	0	4	28	31	96	03	1	907	02	0	0	9	0	3	75	05
Bahawalpur	Leiah	000	0	6	31	17	97	01	2	981	96	0	0	8	6	0	72	05
	Khanpur	000	0	0	05	09	95	06	0	887	03	0	[illegible]	9	4	2	71	05
	Bahawalpur	000	0	8	16	12	95	07	3	922	93	0	0	8	0	0	76	01
	Fort Abbas	000	0	0	05	07	98	00	0	934	96	0	0	9	0	0	75	99
Peshawar	Chakdara	105	6	8	09	02	97	03	6	955	74	0	0	8	6	0	71	87
	Peshawar	000	4	8	31	10	97	02	5	973	79	8	9	6	x	x	70	98
	Haripur	000	3	2	23	02	97	01	2	927	91	2	5	6	0	0	61	03
	Campbellpur	000	0	2	13	07	98	01	0	979	93	0	0	9	0	1	77	93
D. I. Khan	Bannu	183	3	8	31	01	96	95	9	978	74	8	5	6	x	x	73	98
	D. I. Khan	100	6	8	31	02	96	21	2	949	80	8	8	0	0	0	79	03
Quetta	Sibi	021	9	8	31	02	97	02	2	893	93	0	7	9	0	0	76	13
Kalat	Nokkundi	000	0	0	34	02	98	02	0	830	10	0	0	9	0	0	41	13
	Turbat	015	1	6	09	03	96	03	9	899	89	0	0	9	6	0	82	11
	Jiwani	000	0	7	23	17	96	02	2	899	89	5	6	4	0	1	82	93
	Pasni	000	0	8	25	16	95	50	0	905	89	8	0	9	7	0	83	94
	Ormara																	
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	3	7	00	00	96	03	5	894	84	7	0	9	2	0	83	86
	Karachi (Air Port)	019	5	8	31	05	96	20	6	894	85	5	5	6	3	x	79	96
	Badin	000	0	0	00	00	97	00	0	927	80	0	0	9	0	0	81	90
	Nagarparker	015	6	8	00	00	97	02	3	886	02	8	7	9	0	0	75	95
	Umarkot	000	0	7	18	05	98	00	0	877	86	7	2	6	0	0	79	87
	Hyderabad	006	6	6	00	00	97	01	6	882	91	3	5	6	3	0	76	93
Khairpur	Pad-i-dan	000	8	8	11	16	97	03	6	899	93	3	5	7	2	x	73	02
	Nawabshah	031	2	7	00	00	98	02	6	892	81	7	8	6	0	0	80	97
	Sukkur	000	8	0	16	05	94	05	4	886	97	0	0	9	0	0	76	05
	Kashmore	000	0	0	05	17	99	80	0	xxx	05	0	0	9	0	0	85	xx
	Jacobabad	000	0	3	09	18	96	07	0	876	08	3	8	6	0	0	81	10
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	002	9	7	31	03	97	02	6	407	70	5	4	4	8	0	63	72
Peshawar	Drosh	000	6	8	23	07	96	03	9	384	84	6	5	6	2	x	64	95
	Cherat	000	0	7	36	01	97	17	2	432	75	7	6	6	0	0	72	80
	Kakul	010	3	4	27	03	97	01	9	405	81	2	2	5	4	2	64	83
	Landi Kotal	028	2	7	05	03	98	29	9	397	73	7	3	7	0	0	67	88
	Parachinar																	
D. I. Khan	Miranshah	064	3	8	05	02	99	03	2	382	70	8	3	6	0	0	59	97
	Wana	076	3	7	05	03	98	60	1	382	75	7	5	8	0	0	61	90
	Fort Sandeman	000	0	8	36	05	97	03	0	405	76	8	5	6	0	0	65	91
Quetta	Hindubagh	000	8	7	13	04	94	06	0	338	84	0	0	9	2	4	76	85
	Loralai	097	3	7	00	00	98	02	6	479	75	0	0	9	2	0	71	91
	Harnai	000	0	6	09	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	078	0	8	00	00	96	02	0	347	75	0	0	8	1	0	68	91
	Chaman	000	8	8	18	02	96	02	2	365	88	8	4	6	0	0	60	00
Kalat	Kalat	000	0	[illegible]	07	12	98	02	1	351	84	0	0	9	0	1	59	86
	Nushki	000	0	9	09	33	90	25	2	473	94	9	0	9	2	0	53	04
	Dalbandin	000	3	4	31	03	94	17	9	347	08	4	9	7	0	0	49	11
Afghanistan	Panjgur																	
	Kabul																	
	Kandahar																	

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

DIVISIONS	STATIONS	Rainfall in Cents RRR	Past weather commenced at † We	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level Pressure (mbs. and tenths)* PPP	Dry Bulb temperature TT	Amount of Lowest Cloud † Nh	Low Cloud Form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form† CH	Dewpoint temperature °F. TdTd	Minimum Temperature °F TnTn	Departure: Maximum Temperature TxTx	Departure: Minimum Temperature TnTn	Rainfall: Since 1st June 1959 to date	Rainfall: Departure from normal	Rainfall: Since 1st January 1959 to date	Annual normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	030	9	7	09	02	96	02	6	015	83	6	4	6	5	0	79	77	+ 3	0	21.4	+ 2.9	37.2	140
	Chittagong	000	0	6	16	02	97	02	2	016	87	2	2	7	2	2	78	83	+ 2	+ 3	25.1	+ 2.0	57.1	108
	Maijdee Court	015	9	8	00	00	97	03	2	015	81	0	5	5	2	1	78	79	+ 4	0	23.1	+ 0.4	54.9	115
	Comilla	025	9	3	08	00	97	03	1	015	86	3	4	6	0	0	79	80	+ 3	+ 3	10.8	— 9.1	36.8	94
	Brahmanbaria	000	0	4	00	00	94	03	1	013	86	2	6	5	0	0	79	81	—	—	14.7	— 0.8	37.8	76
	Sylhet	000	0	0	13	05	97	03	0	005	88	6	8	6	0	0	80	79	—	—	66.4	—	114.4	—
	Srimangal	000	0	7	00	00	96	03	9	002	88	3	3	5	4	3	77	78	+ 3	0	21.4	+ 1.1	55.2	98
Dacca	Mymensingh	000	0	2	13	02	98	01	1	011	88	2	2	6	0	0	81	79	+ 2	+ 1	21.9	+ 2.8	44.1	91
	Narayanganj	000	9	8	13	02	96	03	2	005	88	4	4	5	1	8	80	82	+ 3	+ 3	14.9	+ 1.3	36.1	74
	Dacca (Tezgaon)	000	9	7	13	07	97	00	6	002	87	5	8	4	0	1	81	81	—	—	14.4	—	30.9	—
	Faridpur	078	9	7	16	02	97	03	0	010	85	5	5	7	1	0	80	78	0	0	8.2	— 5.8	36.4	71
	Barisal	316	4	7	00	03	97	61	9	003	79	3	7	5	4	0	76	78	— 2	— 1	17.1	+ 0.5	31.9	81
Rajshahi	Khulna	095	1	8	00	00	95	63	2	004	78	8	5	5	1	1	78	78	+ 2	0	13.5	— 0.3	34.4	68
	Satkhira	301	0	8	00	00	95	03	6	006	81	1	1	9	1	1	xx	77	+ 1	— 1	12.5	— 1.0	30.6	65
	Jessore	028	0	4	18	05	96	02	2	995	86	2	4	5	6	0	81	80	—	—	8.9	— 4.5	24.9	65
	Sirajganj	0 0	0	8	[illegible]	[illegible]	98	02	2	993	xx	8	2	9	0	0	80	81	+ 3	+ 3	7.7	+ 4.3	32.6	64
	Bogra	000	0	7	09	03	96	02	2	002	85	4	5	6	2	0	80	81	0	+ 3	11.9	— 2.7	30.9	69
	Dinajpur	010	3	2	09	02	96	01	1	996	85	2	0	9	0	4	79	77	+ 1	— 1	11.7	— 3.6	29.0	72
	Rangpur	147	3	3	13	02	96	01	5	111	87	3	5	6	0	0	79	79	+ 2	+ 1	23.5	+ 4.1	45.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	004	9	8	18	14	97	61	1	966	84	5	5	6	2	x	75	83	— 4	+ 3	0.2	— 1.7	4.1	19
	Sialkot	152	3	7	05	03	98	[illegible]	1	946	81	7	5	6	x	x	75	73	— 15	— 8	2.4	— 0.7	8.3	32
Rawalpindi	Jhelum	232	2	8	05	05	96	62	9	973	xx	6	7	6	2	x	76	73	—	—	3.6	—	13.8	—
	Rawalpindi	009	1	7	00	00	98	63	2	983	80	7	6	6	0	0	79	72	— 13	— 5	3.9	+ 1.1	16.9	36
	Khushab	...	...	...	...		...		...		...	...	...	...	...	...	...	...	7					15
Multan	Lyallpur	001	2	6	[illegible]	00	96	[illegible]	0	949	82	6	7	8	0	0	79	82	— 7	— 1	0.1	— 1.3	2.9	12
	Montgomery	000	0	4	00	00	96	01	1	957	87	2	2	9	0	0	75	86	— 5	+ 2	0	— 1.2	2.3	10
	Multan	030	9	9	36	12	95	03	6	960	80	3	4	6	3	x	78	67	+ 2	— 19	0.3	— 0.4	2.4	7
Bahawalpur	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					8
	Khanpur	019	9	8	07	03	96	61	9	941	81	6	9	5	2	2	77	76	— 2	— 7	0.2	— 0.3	1.0	6
	Bahawalpur	000	6	8	07	03	96	03	5	965	82	0	0	8	4	0	78	77	— 4	— 7	0	— 0.4	1.0	6
	Fort Abbas	000	0	8	23	05	96	00	0	971	87	8	0	6	0	0	74	85	—	—	0	—	9.0	4
Peshawar	Chakdara	105	0	8	00	00	99	02	2	961	74	0	0	8	6	x	71	71	—	—	1.1	—	16.7	—
	Peshawar	000	9	8	00	00	98	02	5	972	82	4	3	6	7	x	71	79	— 6	— 1	0	— 0.4	13.0	14
	Haripur	000	5	8	23	12	96	03	2	958	80	8	5	6	0	0	85	86	—	—	2.5	—	13.4	—
	Campbellpur	000	0	8	25	03	98	02	0	996	84	0	0	9	0	0	75	62	—	—	0.1	—	14.0	—
D. I. Khan	Bannu	205	7	8	27	01	97	58		980	76	8	6	6	x	x	77	73	—	—	3.4	—	10.3	11
	D. I. Khan	386	3	8	00	[illegible]	97	21	6	976	76	8	8	8	0	0	76	74	— 2	0	3.9	+ 3.2	7.7	10
Quetta	Sibi	065	3	8	00	00	97	02	2	940	80	0	7	9	0	0	74	71	—	—	0.7	—	0.1	5
Kalat	Nokkundi	000	0	0	34	05	98	02	0	890	89	0	0	0	0	0	37	85	—	—	0	—	1.1	2
	Turbat	000	0	3	13	01	95	03	2	928	87	0	0	9	3	0	80	xx	—	—	0.6	—	5.1	—
	Jiwani	000	0	7	13	07	96	02	2	902	85	7	0	9	7	0	81	83	—	—	0	—	5.6	4
	Pasni	000	0	8	16	09	95	05	0	915	85	8	0	9	2	0	79	83	+ 2	+ 4	0	— 0.3	2.5	6
	Ormara																							6
	Las Bela																							8
Karachi Federal Area & Hyderabad	Karachi (Manora)	289	4	8	36	16	92	63	6	894	81	3	7	5	2	0	81	76	+ 4	— 6	4.3	+ 3.5	3.3	8
	Karachi (Air Port)	253	9	8	36	21	96	50	6	884	80	8	5	6	7	0	78	78	—	—	4.2	—	4.4	—
	Badin	023	1	8	05	02	96	60	0	918	80	0	0	7	2	0	77	80	— 7	— 2	0.7	— 0.9	0.7	9
	Nagarparker	060	0	6	23	02	86	02	2	872	89	6	7	7	0	0	53	79	—	—	0	—	—	—
	Umarkot	000	0	8	18	05	98	50	2	920	80	6	6	5	0	0	77	78	—	—	0.6	—	1.4	—
	Hyderabad	168	9	8	23	05	96	54	6	907	78	3	5	6	2	0	78	77	— 8	— 5	1.8	+ 1.3	2.6	7
Khairpur	Pad-i-dan	...	...	...		...			...	...	...	...		...	...		...	...	—					—
	Nawabshah	099	6	8	05	03	96	03	6	962	80	3	5	6	1	0	79	79	—	—	1.7	—	2.4	—
	Sukkur	016	6	7	13	03	96	03	6	921	80	7	0	9	7	0	77	77	—	—	0.2	—	1.2	4
	Kashmore																							—
	Jacobabad	215	3	8	05	03	96	65	6	937	78	4	5	5	2	x	78	77	—	— 8	2.1	+ 1.8	2.9	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							
	Gilgit																							5
Rawalpindi	Murree	...	...			...	...	...	...	...	...	...	...	...	...	...	...	...	— 4					59
Peshawar	Drosh	000	9	7	00	00	96	33	2	410	76	7	5	6	0	0	65	73	0	+ 2	0.1	—	29.3	18
	Cherat	005	2	8	36	01	97	50	5	408	71	8	6	6	0	0	69	70	— 11	— 2	1.1	— 0.1	11.1	29
	Kakul	010	9	8	31	03	98	20	2	417	75	8	7	6	x	x	67	67	—	—	6.1	—	25.8	—
	Landi Kotal	041	2	8	05	02	97	92	9	403	68	8	3	7	0		65	xx	—	—	0.5	—	15.5	—
	Parachinar																							29
D. I. Khan	Miranshah	077	1	6	05	02	99	03	1	402	71	6	2	7	0	0	69	68	—	—	0.8	—	3.8	13
	Wana	034	1	9	00	00	97	60	2	412	69	9	6	7	0	0	63	68	—	—	—	—	—	—
	Fort Sandeman	000	0	5	02	05	97	01	0	415	71	5	0	9	7	0	62	69	— 12	— 7	0.5	— 0.3	9.2	11
Quetta	Hindubagh	033	9	8	07	02	94	03	2	355	68	2	1	9	4	4	59	68	—	—	0.6	—	8.6	—
	Loralai	197	0	8	05	02	98	02	1	480	70	0	0	9	2	0	64	64	—	—	2.0	—	6.8	—
	Harnai	020	0	8	27	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.2	+ 0.7	4.5	14
	Quetta	085	0	7	18	03	96	02	2	363	71	0	0	7	5	0	65	66	—	—	1.0	+ 0.8	6.6	8
	Chaman	000	3	6	23	03	97	03	2	405	81	6	2	7	4	0	61	76	— 2	0	0.1	+ 0.1	6.2	7
Kalat	Kalat	002	0	8	02	10	98	02	2	369	89	8	7	7	0	0	58	64	— 5	+ 2	0	— 0.2	5.3	9
	Nushki	030	0	3	09	05	90	03	2	440	89	3	0	9	2	0	55	78	—	—	0.3	—	2.1	—
	Dalbandin	000	9	1	13	02	94	05	9	357	87	0	0	9	3	0	63	80	+ 2	+ 5	0	0	2.1	5
Afghanistan	Panjgur																							4
	Kabul																							12
	Kandahar																							—

Given † = Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 3rd JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_hL_mL_l$	$L_hL_mL_l$ GG	N dd ff	VV ww W	PPP TT	$N_hC_hhC_mC_l$	D_sV_s a PP	8 N, Ch, h_s	O T, T_s T_d T_d	Id_sd_wP H_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Anwarbaksh	53 199	701 09	8 33 30	97 21 6	950 83	×× × ××	51 10 3	...	0 52 80	1 23 3×
Santhia	53 296	690 12	8 26 28	97 25 6	902 83	43 3 10	74 71 0	...	0 53 80	1 25 48
Mahadevi	53 242	663 12	8 25 18	98 03 3	895 82	87 8 00	51 61 0	...	0 51 79	1 25 79
Dara	53 248	651 16	8 27 16	97 02 2	906 84	85 × 00	25 40 0	...	0 51 82	1 26 ×4
Dara	53 248	660 21	8 27 16	96 02 2	908 84	85 × 00	25 40 0	...	0 51 82	1 26 24

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	998 295 265	900 258 510	...	400 192 152	...	036 102 062	323 025 008	779 542 582	511 635 675	964 770	243 988	...	...
Jiwani ...			Miada	...		...								
Karachi ...	00 00	385 258 255		...	396 212 195	...	044 110 999	312 045 999	779 002 999	536 582 999	727 680	...	...	...
Lahore ...	00 00	971 292 245	...	...										
Multan ...														
Peshawar ...														
Quetta ...	00 00	820 195 02	...	...	...	...	035 162 118	351 123 052	851 032 999	622 570 999	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd								Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...											561 002 522	...	...
Dacca ...	00 00	900 205 195	800 162 122	561 002 522	...	...	...		...	...			
Jiwani ...													
Karachi ...	00 00	Miada	...	...	...	...	...	..	...	...	727 680 999	...	...
Lahore ...	00 00	...	...	...	...	...	...	...	...	...			
Multan ...													
Peshawar ...											680 172 095	...	...
Quetta ...	00 00	880 185 162	760 168 155	680 172 095	..	...	...	...	...	...			

PPP—Pressure in hundreds tens and units of millibars.
TTT: TdTdTdDry BulbDew Point temperatures (in tenths of(oC)
ww. Character of tropopause.

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

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. of Previous day (dd ff)										At 0000 hrs. G.M.T. of date(dd ff)						At 0600 hrs. G.M.T. of date (dd ff)									
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0		0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	17 03	19 02	31 05	31 05	31 03	11 03	07 05	30 04	04 04		14 07	14 07	09 05	03 09	04 06	04 04	13 08	13 08	12 11	09 13	10 28	10 06	09 09	...	...	...	...
Chaklala ...	15 06	13 11	14 11	17 14	06 11	02 07	06 15	06 19			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	13 22	14 19	...	...	...	...	...	...	...		21 38	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	No	Ascent	...	...	...	...	...	...	...		15 07	15 05	15 08	15 12	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	04 03	36 06	01 07	01 07	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	18 07	17 07	...	...	...	...	...	...	...		12 04	12 07	12 08	...	...	...	13 14	13 13	12 12	11 15	11 13	10 13	09 12	09 10	09 10	08 12	07 12
Debbandin ...	...	...	04 09	03 17	06 18	35 14	35 07	02 19	03 23		...	...	08 05	06 14	03 07	32 21	...	...	18 01	11 03	05 08	05 18	02 24	01 30	02 28	02 21	24 09
D. I. Khan ...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	20 18	24 13	...	...	...		...	...	...	23 07	23 13	19 19	...	...	...	...	23 06	26 05	...	...	...	...	...
Fort Sandeman ...	...	...	...	01 13	16 13	10 14	...	...	...		...	...	...	04 07	02 14	10 17	...	...	...	03 05	05 07	12 08	12 08	12 08	13 07	18 05	19 06
Jacobabad ...	08 16	07 21	07 21	07 21	...	...	...	...	...		No	Ascent	...	...	...	...	07 15	07 16	...	...	...	...	...	...	...	...	...
Jessore ...	04 03	36 05	01 07	...	...	...	...	...	...		10 07	...	...	...	...	...	13 10	13 13	12 13	10 19	10 19	09 15	03 15	...	...	...	...
Jhelum ...	05 08	10 09	10 10	16 01	27 03	19 09	19 19	...	...		07 01	12 09	12 31	12 10	10 12	...	08 09	11 24	13 25	14 24	15 32	17 44	...	...	...	...	...
Jiwani ...	22 16	22 14	22 10	26 07	32 04	01 14	05 20	01 22	03 19		21 08	27 10	27 08	26 07	...	...	14 12	...	...	...	...	...	...	...	...	...	...
Karachi ...	06 14	04 18	04 20	03 22	03 20	..	..	..	..		03 27	04 28	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Khanpur ...	09 12	08 17	08 15	08 16	09 18	09 21	...	...	...		05 25	06 27	06 29	06 39	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	06 12	07 31	12 16	13 19	13 19	12 13	11 14	12 13	14 12		13 12	14 15	14 15	14 09	13 12	13 14	11 07	17 12	18 12	19 11	17 19	18 17	...	...	...	...	...
Multan ...	09 15	10 16	10 23	10 24	10 33	...	...	...	...		36 02	04 15	03 15	...	...	...	03 08	11 08	12 07	14 14	14 15	...	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...		..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...		...	20 08	20 01	32 01	...	...	...	...	...	...	09 03	07 10	06 17	03 24	04 29	05 18	32 0×
Quetta ...	..	...	...	...	17 03	...	...	...	...		No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	27 04	24 05	21 07	14 07	14 03	12 02	04 02	33 07	07 09		07 04	08 03	09 02	16 01	30 01	11 02	18 01	25 02	33 01	12 05	11 04	10 09	09 09	07 15	08 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	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	15 08	13 07	11 07	09 02	12 12	12 13	12 10	07 10	09 14	08 21	11 33	09 17	07 27	05 14	...	...	...	...
Karachi ...	Miada	...	...	...	...	...	...	...	...	..	..	...	...	..	...	...	...	...
Peshawar ...																		
Quetta ...																		

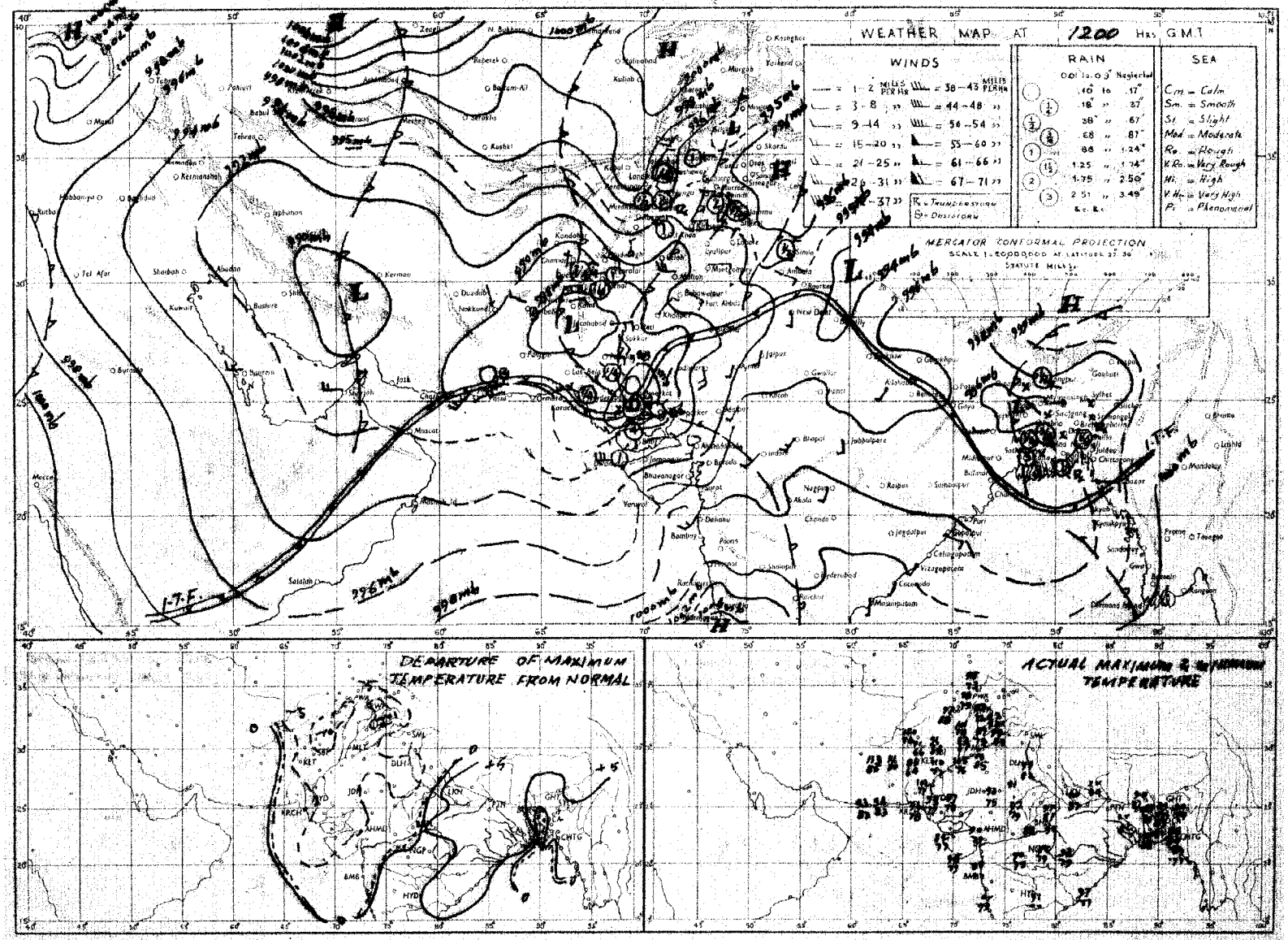
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv,v,etc.)

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

PAKISTAN DAILY WEATHER MAP

THURSDAY 2nd JULY, 1959



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

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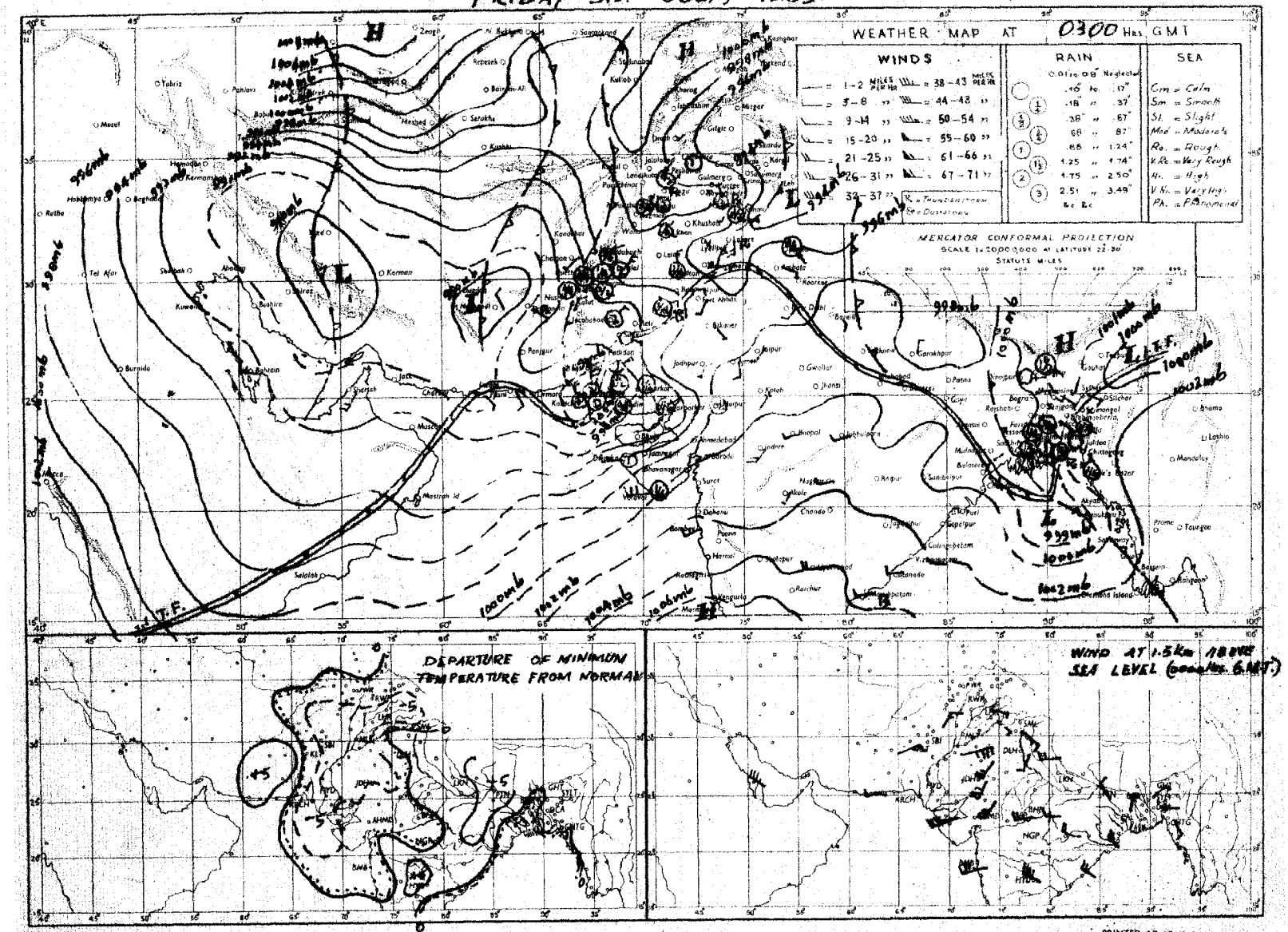
PAKISTAN DAILY WEATHER MAP

FRIDAY 3rd. JULY, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

SATURDAY THE 4th JULY, 1959.

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

yesterday's deep depression weakend into a depression and is centred at 04,0300 G. M. T. about 40 miles northnortheast of Hyderabad. It is likely to move slowly in a northeasterly direction and weaken further.

The low pressure wave over Peshawar division and neighbourhood moved away eastwards.

A fresh low pressure wave is moving across Peshawar division and neighbourhood.

Widespread rain/thundershowers, locally heavy, have occurred in Lahore, Rawalpindi, Peshawar divisions, fairly widespread in D. I. Khan, Hyderabad, Khairpur divisions and the Federal Capital Area and local in Multan and Quetta divisions.

Observations from ships and from Orissa coast are absent but believe the unsettle conditions in the north east Bay of Bengal concentrated into a depression centred at 04,0300 G. M. T. within one degree of latitude 18½ °N and longitude 87 °E likely to intensify further and move westnorthwestwards.

Widespread rain/thundershowers have occurred in Dacca division and local in Chittagong and Rajshahi divisions.

Chief amounts of rainfall are: Rawalpindi 7", Sialkot, Khushab, Kakul 6" each; Murree 5"; Campbellpur, Karachi Airport 4" each; Padidan 3"; Barisal, Haripur, (till 03,1200) 2" each, Multan, D. I. Khan, Loralai 1½" each; Maijdee Court, Jhelum, Cherat, Bannu 1" each, Faridpur, Sibi, Jacobabad 3/4" each; Srimangal (till 03,1200) Dacca, Chakdara, fort Sandeman, Harnai, Sukkur ½" each and Mymensingh, Narayanganj, Jessore, Sirajganj, Bogra, Dinajpur, Lahore, Lyallpur, Drosh, Peshawar (till 04,0000) Landikotal, Nagarparkar, Hyderabad and Nawabshah ½" each.

Day temperatures were 10—20 °F below normal in West Pakistan outside Quetta and Kalat divisions where they were 4—8 °F so

Forecast valid until the evening of 5th July, 1959. Fairly widespread rain/thundershowers will occur in East Pakistan, Hyderabad, Khairpur and Quetta divisions, local in Peshawar, Rawalpindi, D. I. Khan, Lahore, Multan and Bahawalpur divisions and Kashmir and scattered in north Kalat division.

Heavy Rainfall Warning: Locally moderate to heavy rain will fall in D. I. Khan, Peshawar, Rawalpindi, Lahore divisions and Kashmir during next 24 hours.

Karachi-11
The 4th July, 1959.

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

OBSERVATIONS

At 1200 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)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	7	11	05	96	02	2	987	89	6	4	7	1	0	78	92
	Chittagong	013	3	6	16	02	97	02	6	986	81	6	4	5	0	0	77	90
	Maijdee Court	095	4	2	18	02	98	01	6	983	83	1	0	9	1	1	77	90
	Comilla	000	0	0	00	00	96	00	0	977	89	0	0	9	0	0	79	92
	Brahmanbaria	000	0	6	00	00	97	17	1	987	88	4	3	5	0	7	80	91
	Sylhet	000	0	5	00	00	97	17	2	984	87	1	3	6	7	1	81	93
	Srimangal	050	2	8	00	00	97	29	9	007	78	8	3	3	x	x	77	94
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...
	Narayanganj	030	9	5	13	07	98	01	2	974	87	4	3	5	0	2	81	90
	Dacca (Tezgaon)	000	8	4	16	05	96	01	1	002	86	2	4	8	1	0	80	87
	Faridpur	000	v	6	13	02	97	03	1	976	90	4	0	5	4	3	79	89
	Barisal																	
Rajshahi	Khulna	000	0	3	13	07	96	01	2	979	87	3	5	7	0	0	79	90
	Satkhira	000	0	6	00	00	96	03	2	972	86	6	6	8	0	0	81	89
	Jessore	000	8	2	18	02	97	01	1	975	88	2	4	6	0	0	80	92
	Sirajganj	000	0	8	18	01	98	02	2	957	88	0	0	9	0	4	77	90
	Bogra	019	4	7	18	02	96	03	6	969	89	3	4	6	2	0	79	91
	Dinajpur	022	4	5	00	00	96	01	9	971	85	3	5	7	1	0	81	88
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	020	8	7	05	02	96	27	0	962	79	3	5	3	8	4	77	93
	Sialkot	174	5	8	31	02	97	21	6	959	75	8	4	5	x	x	75	85
Rawalpindi	Jhelum	057	3	8	00	00	97	02	9	966	78	4	7	6	2	x	76	82
	Rawalpindi	322	9	8	00	00	97	64	6	969	73	8	6	5	x	x	72	80
	Khushab	351	0	7	05	05	96	03	6	967	85	7	3	6	0	0	72	86
Multan	Lyallpur	020	3	7	05	02	96	03	9	949	81	7	7	8	0	0	80	88
	Montgomery	000	0	8	00	00	96	03	1	942	93	4	4	7	9	x	79	97
	Multan	080	0	8	31	10	95	03	6	946	80	5	4	6	4	6	79	85
Bahawalpur	Leiah	xxx	8	7	34	07	96	02	6	931	85	7	7	7	0	0	79	91
	Khanpur	000	0	4	31	03	96	03	5	933	85	0	0	9	0	8	81	85
	Bahawalpur	000	0	8	23	07	96	02	0	975	00	8	1	6	x	x	68	01
	Fort Abbas																	
Peshawar	Chakdara	051	6	8	05	02	97	51	6	953	73	8	6	7	x	.	71	79
	Peshawar	012	7	8	05	07	96	61	6	979	78	8	0	4	2	x	76	82
	Haripur	202	5	8	23	02	96	03	6	954	77	8	3	6	x	x	74	81
	Campbellpur	334	7	8	00	09	96	63	6	990	74	8	3	6	x	x	76	84
D. I. Khan	Bannu	000	8	8	09	02	98	01	5	951	84	x	x	x	x	x	79	86
	D. I. Khan	002	1	8	05	02	97	03	5	953	81	8	8	8	x	x	77	82
Quetta	Sibi	010	9	8	05	02	96	02	6	933	81	8	0	9	9	x	77	89
Kalat	Nokkundi	000	0	0	34	05	98	02	0	839	06	0	0	9	0	0	44	07
	Turbat	000	0	3	18	04	96	03	0	914	96	3	0	9	3	0	81	00
	Jiwani	000	0	8	13	12	96	02	2	961	87	4	6	4	4	x	79	91
	Pasni	000	0	8	10	10	95	05	0	911	87	8	0	9	2	x	79	88
	Ormara																	
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	068	8	8	36	14	94	10	6	911	82	8	0	9	2	x	79	84
	Karachi (Air Port)	114	9	8	27	10	95	50	6	903	80	2	7	9	2	x	72	80
	Badin	000	9	8	18	02	96	23	6	935	81	8	2	8	x	x	77	83
	Nagarparkar	...			...									...				
	Umarkot	000	0	7	18	14	98	03	1	920	83	7	2	6	0	0	75	89
	Hyderabad	015	8	8	13	10	96	50	7	895	81	3	5	6	2	x	78	86
Khairpur	Padidan	180	7	8	00	00	98	03	6	980	82	6	7	4	2	1	78	86
	Nawabshah	005	4	6	13	09	96	03	6	914	85	6	1	6	0	0	78	87
	Sukkur	056	4	7	16	05	96	03	6	912	86	7	0	9	7	0	82	97
	Kashmore	000	0	8	05	09	99	02	0	xxx	xx	8	8	6	x	x	64	xx
	Jacobabad	002	8	7	09	05	96	02	6	903	86	5	8	5	2	0	91	86
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat**																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	240	9	8	13	13	96	61	9	405	59	8	9	3	x	x	51	64
Peshawar	Drosh	010	4	8	00	00	96	61	9	401	72	8	5	6	x	x	69	82
	Cherat	091	9	8	13	03	90	44	6	407	67	8	5	6	x	x	67	71
	Kakul	161	7	8	09	03	96	61	6	401	66	8	7	4	x	x	65	75
	Landi Kotal	018	7	8	05	03	97	02	6	395	71	8	6	5	x	x	68	78
	Parachinar	030	2	8	13	05	99	65	9	792	67	3	2	7	6	0	65	xx
D. I. Khan	Miranshah	000	0	6	05	02	99	03	2	390	78	6	2	7	0	0	69	81
	Wana	000	0	8	13	03	99	29	2	393	79	8	5	8	x	x	65	81
	Fort Sandeman	015	1	8	16	03	97	03	6	405	71	8	5	5	x	x	67	80
Quetta	Hindubagh	000	9	8	11	03	94	03	2	341	80	2	4	4	9	4	67	82
	Loralai	025	5	8	13	02	96	20	6	493	70	8	0	9	7	x	70	79
	Harnai	000	0	8	09	02	96	02	0	xxx	xx	x	x	x	x	x	xx	xx
	Quetta	000	0	7	xx	xx	97	02	0	414	82	7	0	8	4	0	68	84
	Chaman	000	0	0	09	02	98	00	0	394	95	0	0	9	0	0	57	96
Kalat	Kalat	000	0	5	09	09	97	04	2	339	76	5	1	7	0	0	59	83
	Nushki	000	0	6	09	04	94	03	1	428	03	6	0	9	2	0	48	06
	Dalbandin	000	0	4	05	07	94	05	1	339	05	2	9	7	3	0	52	xx
	Panjgur	000	0	0	36	02	94	07	0	369	98	0	0	9	0	0	29	99
Afghanistan	Kabul	000	0	5	20	07	99	02	2	403	77	5	3	8	0	0	58	85
	Kandahar																	

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

Divisions	Stations	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CH (33)	High Cloud form † CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Cox's Bazar	004	9	7	13	09	95	40	9	037	82	6	4	6	1	0	76	79
	Chittagong	013	0	7	13	09	97	02	2	037	84	5	2	5	2	0	76	79
	Maijdee Court	110	9	3	13	05	97	01	4	030	86	0	0	9	7	2	74	78
	Comilla	805	9	3	00	00	97	03	6	039	87	5	4	5	0	0	77	78
	Brahmanbaria	000	0	6	13	03	97	03	1	040	87	6	0	9	4	0	77	78
	Sylhet	012	9	7	00	00	97	03	9	040	84	2	1	6	7	0	79	87
	Srimangal	—	..	—	—	...	...	...	...	.	..	...		...	...	...	..	...
Dacca	Mymensingh	024	9	6	13	02	98	02	9	042	85	8	7	5	x	x	78	79
	Narayanganj	021	9	7	13	03	95	03	o	035	89	2	5	6	7	0	77	79
	Dacca (Tezgaon)	043	9	7	13	07	97	01	6	029	85	2	4	5	8	4	77	78
	Faridpur	083	9	8	16	02	96	21	6	018	80	8	5	6	0	0	79	76
	Barisal	230	4	8	18	03	97	03	9	023	84	4	7	5	6	0	78	76
Rajshahi	Khulna	000	0	8	13	10	95	03	2	017	80	8	5	5	x	x	79	78
	Satkhira	100	0	8	13	03	94	03	2	108	84	x	x	8	x	x	78	80
	Jessore	025	0	8	18	03	96	03	3	028	82	8	8	5	6	0	78	77
	Sirajganj	034	7	8	09	05	98	02	5	011	85	8	0	9	0	4	78	78
	Bogra	020	9	7	13	04	96	02	6	027	86	2	2	6	1	1	79	81
	Dinajpur	022	3	4	00	09	96	02	2	021	86	3	0	9	0	2	77	80
	Rangpur	010	0	4	13	05	96	01	0	xxx	86	3	5	6	7	0	77	79
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	036	9	5	13	07	96	10	9	984	83	4	0	9	7	9	76	77
	Sialkot	547	9	6	31	05	98	02	6	976	81	6	5	6	0	0	74	75
Rawalpindi	Jhelum	122	9	7	13	09	97	31	.	967	75	4	7	5	3	0	74	75
	Rawalpindi	664	9	8	09	02	98	63	6	995	70	3	5	6	x	x	69	69
	Khushab	570	0	8	00	00	99	01	2	982	75	3	3	6	x	x	75	73
Multan	Lyallpur	020	9	7	03	00	96	00	9	963	83	0	0	9	0	0	77	79
	Montgomery	000	0	0	13	12	96	00	0	980	84	x	x	x	x	x	78	80
	Multan	175	0	8	05	03	95	60	3	974	79	3	4	6	3	x	78	78
Bahawalpur	Leiah	000	0	8	20	03	96	03	6	973	81	8	7	5	x	x	78	81
	Khanpur	000	6	7	13	02	97	03	5	977	85	7	0	8	4	0	78	80
	Bahawalpur	000	u	0	23	05	98	00	0	997	89	0	0	9	0	0	72	84
	Fort Abbas																	
Peshawar	Chakdara	051	0	8	00	08	97	02	6	964	71	8	0	8	6	x	67	61
	Peshawar	...	...	...	...	...	...	...	...	...		...	...	...		..	...	
	Haripur																	
	Campbellpur	414	1	8	31	03	96	61	6	022	72	8	0	9	7	x	72	50
D. I. Khan	Bannu	101	4	8	01	00	97	51	6	001	75	8	5	6	x	x	73	75
	D. I. Khan	141	6	8	00	0.	97	70	6	983	75	8	8	8	x	x	75	74
Quetta	Sibi	070	3	8	00	00	98	02	6	968	80	8	0	9	3	x	74	70
Kalat	Nokkundi	000	0	0	34	05	98	02	0	923	84	0	0	9	0	0	45	82
	Turbat	000	0	5	13	02	95	03	0	956	85	5	0	9	6	0	78	xx
	Jiwani	000	0	8	09	07	96	02	2	960	86	8	5	4	x	x	80	83
	Pasni	000	0	8	07	05	95	05	0	952	85	8	0	9	2	x	81	84
	Ormara																	
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	...		...	...			...			...	...			...	...	...	...
	Karachi (Air Port)	353	1	8	31	10	96	03	6	956	77	3	5	6	7	x	73	77
	Badin	000	9	7	23	02	96	25	8	962	77	7	0	9	6	0	75	77
	Nagarparkar	030	0	4	27	02	97	02	6	967	80	4	6	7	v	0	42	76
	Umarkot	000	0	8	18	03	98	02	0	954	79	8	2	6	x	x	78	71
	Hyderabad	029	9	8	23	01	95	53	5	948	76	2	5	6	2	x	75	76
Khairpur	Padidan	333	9	8	07	07	98	03	6	959	80	5	6	4	7	x	77	78
	Nawabshah	023	9	8	09	07	96	24	6	956	80	8	7	6	x	x	77	78
	Sukkur	061	9	8	00	00	96	80	5	964	79	8	0	9	9	x	78	78
	Kashmore	002	0	8	05	10	99	02	5	xxx	90	8	8	4	x	x	89	84
	Jacobabad	076	8	8	05	02	96	02	6	968	81	4	8	5	2	x	79	78
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat**																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	516	9	8	11	13	95	60	9	419	57	8	9	2	x	x	57	7
Peshawar	Drosh	026	9	8	00	00	96	03	4	399	69	8	5	6	x	x	64	66
	Cherat	117	3	8	18	08	97	50	6	410	65	8	6	6	x	x	67	63
	Kakul	444	9	8	39	03	94	63	6	406	64	8	6	3	x	x	63	62
	Landi Kotal	018	2	7	00	00	98	51	6	395	81	7	6	5	0	v	6?	xx
	Parachinar	...	...															
D. I. Khan	Miranshah	000	0	6	00	00	99	03	1	393	72	6	2	7	0	0	xx	67
	Wana	...			...	...					...		...	...	...	...	...	
	Fort Sandeman	051	9	8	00	00	97	03	6	405	69	8	5	5	x	x	67	68
Quetta	Hindubagh	005	9	8	00	00	94	03	5	395	66	2	1	7	3	4	58	66
	Loralai	152	2	8	00	00	97	02	6	489	67	8	9	7	x	x	65	65
	Harnai	050	2	8	27	01	96	02	6	xxx	xx	x	x	x	x	x	xx	xx
	Quetta	000	0	4	18	20	96	02	2	377	73	4	0	9	4	-	65	67
	Chaman	000	0	9	12	03	98	02	0	375	81	0	0	9	0		59	74
Kalat	Kalat	000	0	7	36	02	97	02	2	369	70	7	4	7	0	0	56	42
	Nushki	000	0	3	18	04	96	01	0	420	89	3	0	9	1	0	50	81
	Dalbandin	000	9	5	27	02	94	05	9	367	87	3	5	7	1	0	44	85
	Panjgur	000	0	8	00	00	98	03	1	383	78	8	0	9	6	x	43	77
Afghanistan	Kabul	010	9	4	20	08	98	03	9	441	78	4	5	7	0	v	60	83
	Kandahar																	

Departure from Normal of / Rainfall

Divisions	Stations	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	+ 6	+ 2	21.4	+ 3.9	37.3	140
	Chittagong	+ 4	+ 2	15.2	+ 1.4	57.2	108
	Maijdee Court	+ 4	— 1	24.2	+ 0.8	56.1	115
	Comilla	+ 5	+ 1	10.9	— 9.6	36.8	94
	Brahmanbaria	—	—	14.9	— 3.7	37.7	76
	Sylhet	—	—	66.5	—	114.5	—
	Srimangal	+ 7					98
Dacca	Mymensingh		0	22.2	+ 8.1	44.3	91
	Narayanganj		0	15.1	+ 1.0	36.3	74
	Dacca (Tezgaon)	—	—	14.8	—	31.4	—
	Faridpur	— 1	— 2	9.0	— 5.4	37.2	71
	Barisal	+ 1	— 3	19.4	+ 2.2	34.2	81
Rajshahi	Khulna	+ 2	0	13.5	— 0.8	34.4	68
	Satkhira	0	+ 2	12.5	— 1.4	30.6	65
	Jessore	—	—	9.2	— 4.7	25.2	65
	Sirajganj	+ 3	0	8.1	— 5.8	32.9	64
	Bogra	+ 2	+ 2	12.1	— 3.1	31.1	69
	Dinajpur	— 1	+ 2	11.9	— 4.0	29.3	72
	Rangpur	0	+ 1	23.6	+ 3.5	45.5	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 9	— 3	0.6	— 1.5	4.5	19
	Sialkot	— 15	— 6	7.9	— 4.4	13.7	32
Rawalpindi	Jhelum	—	—	4.8	—	15.1	—
	Rawalpindi	— 20	— 8	10.5	+ 7.5	23.7	36
	Khushab	— 18	— 10	6.9	+ 5.1	12.4	15
Multan	Lyallpur	— 16	— 4	0.3	— 1.2	3.1	12
	Montgomery	— 8	— 4	0	— 1.3	2.3	10
	Multan	— 18	— 8	2.1	+ 1.3	4.1	7
Bahawalpur	Leiah	— 14	— 2	0.2	— 0.4	1.0	8
	Khanpur	— 20	— 4	0	— 0.5	1.0	6
	Bahawalpur	—	—	0	—	0.3	6
	Fort Abbas						4
Peshawar	Chakdara	—	—	1.6	—	17.2	—
	Peshawar	— 22	—				14
	Haripur	—					—
	Campbellpur	—	—	4.2	—	18.2	—
D. I. Khan	Bannu	—	—	4.4	—	11.4	11
	D. I. Khan	— 23	— 9	5.3	+ 4.5	9.1	10
Quetta	Sibi	—	—	1.4	—	1.7	
Kalat	Nokkundi	—	—	0	—	1.1	2
	Turbat	—	—	0.6	—	5.1	—
	Jiwani	—	—	0	—	5.6	4
	Pasni	— 4	+ 5	0	— 0.3	2.5	6
	Ormara						6
	Las Bela						8
Karachi Federal Area & Hyderabad	Karachi (Manora)	— 6					8
	Karachi (Air Port)	—	—	7.7	—	8.0	—
	Badin	— 14	— 5	0.7	— 1.1	0.7	9
	Nagarparkar	—	—	2.1	—	2.1	—
	Umarkot	—	—	0.6	—	1.4	—
	Hyderabad	— 15	— 6	2.1	+ 1.5	2.9	7
Khairpur	Padidan	—	—	3.5	—	3.8	—
	Nawabshah	—	—	1.9	—	2.6	—
	Sukkur	—	—	0.8	—	1.8	4
	Kashmore	—	—	0.2	—	1.2	—
	Jacobabad	— 25	+ 7	2.9	+ 2.6	3.8	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						—
Arabia	Muscat**						4
	Kuwait						—
	HILL STATIONS						
Kashmir	Srinagar						26
	Gulmarg						—
	Sonamarg						71
	Dras						26
	Leh						3
	Skardu						6
	Misgar						—
	Aliabad						
	Gilgit						5
Rawalpindi	Murree	— 12	— 2	12.4	+ 7.2	37.6	59
Peshawar	Drosh	— 13	— 5	0.4	—	29.6	18
	Cherat	— 20	— 9	2.2	— 1.0	12.3	29
	Kakul	—	—	12.5	—	32.2	—
	Landi Kotal	—	—	0.6	—	15.7	—
	Parachinar	—	—				29
D. I. Khan	Miranshah	—	—	0.8	— 0.3	3.8	13
	Wana	—	—				—
	Fort Sandeman	— 23	— 8	1.1	+ 0.3	9.8	11
Quetta	Hindubagh	—	—	0.7	—	8.7	—
	Loralai	—	—	3.5	—	8.3	—
	Harnai	—	—	0.7	— 0.3	4.9	14
	Quetta	—	—	1.0	+ 0.8	6.6	8
	Chaman	— 6	— 2	0.1	+ 0.1	6.2	7
Kalat	Kalat	— 8	0	0	— 0.2	5.3	9
	Nushki	—	—	0.3	—	2.1	—
	Dalbandin	—	+ 10	0	0	2.1	5
	Panjgur	— 4	+ 3	0.2	—	1.9	4
Afghanistan	Kabul	—	—		—	—	12
	Kandahar						—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 4th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_hL_mL_l$	$L_hL_mL_l$ GG	N dd ff	VV ₋₋ W	PPP TT	$N_hC_hh_hC_mC_l$	D_hV_ha PP	8 N, Ch. h_s	O T, T_s T_d	Id.d.P H.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Rizwani	63 142	520 00	8 23 18	98 02 2	983 82	83 6 xx	24 86 0		0 92 79	1 23 xx
Sanchia	63 238	674 09	8 25 28	97 81 8	878 82	xx x xx	44 41 0		0 84 76	1 25 xx
Sanchia	63 236	670 03	8 26 32	97 25 8	893 83	75 4 1x	74 40 0		0 82 76	1 26 49
Jamda	63 253	571 06	7 23 03	98 82 2	914 93	00 9 88	48 11 8		0 88 79	1 00 x6
Sanchia	63 240	666 06	8 26 25	97 81 8	912 82	81 4 xx	74 40 0		0 82 78	1 26 47
Mahadevi	63 235	657 12	8 25 28	97 02 8	918 81	87 6 xx	61 22 0		0 00 81	1 75 52
Jamda	63 242	581 12	3 26 01	98 01 2	895 95	30 7 80	35 72 3		0 92 72	1 80 x9
City of Portsmouth	63 198	639 12	8 22 20	97 02 3	955 83	80 9 2x	52 52 0		0 91 82	1 22 xx
Jamda	63 231	593 18	8 00 00	98 02 0	930 90	00 9 00	38 32 8		0 92 81	1 08 x5
Sanchia	63 229	679 21	8 25 28	97 82 8	910 81	xx x xx	74 82 0		0 52 81	1 25 88

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T^{c}T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT T^{c}T$_d$T^c								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sagra														
Chittagong														
Dacca														
Jiwani														
Karachi	00 00	993 248 248	Missa		389 215 182		038 100 999	300 030 999	751 555 999					
Lahore	00 00	973 265 252												
Multan														
Peshawar														
Quetta	00 00	821 202 165					056 135 135	334 070 999						

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT T^{c}T$_d$T^c									Max. Height Reached PPPTTT T$_s$T$_d$T^c	TROPOPAUSE: St. HHHH TT	TROPOPAUSE: St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Sagra													
Chittagong													
Dacca													
Jiwani													
Karachi	00 00		Missa										
Lahore	00 00	450 600 999									450 600 999		
Multan													
Peshawar													
Quetta	00 00	800 185 168	732 162 152								732 162 152		

PPP—Pressure in hundreds tens and units of millibars.
TTT: $T_dT_dT_d$:Dry Bulb:Dew Point temperatures (in tenths of(oC)
T^c:- Character of tropopause.

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

UPPER WIND DATA*

Height in Kms. a.s.l.	At 1200 hrs. G.M.T. of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Sagra	33 10	15 11	16 07	12 11	12 12	10 09	09 17	09 18	09 11																	
Chittagong	No	Ascent																								
Dacca	00 00	10 37																								
Chittagong	No	Ascent																								
Dacca																										
Jiwani	07 08	17 09	16 13	15 19	16 25	11 18	10 16	08 19	07 19																	
Karachi			09 08	07 05	06 04	05 13	02 27																			
Multan																										
Lahore																										
Peshawar	No	Ascent																								
Quetta																										
Fort Sandeman																										
Rawalpindi	20 00	11 08	11 08																							
Jhansi	26 07	11 06																								
Jodhpur	03 01	13 08	14 12	20 11	19 20																					
Bikaner	13 14	13 10	17 05	15 03	14 10																					
Agartala																										
Calcutta	25 06	17 10	16 19	17 19																						
Akyab	03 04	16 04	16 05	17 15	19 19																					
Rangoon	06 13	23 08	20 07	18 19	18 27																					
Vizagapatam																										
Madras																										
Poona																										
Peshawar					16 05																					
Quetta																										
Sharjah																										
Aden	31 10	31 04	33 03	15 05	13 10	11 17	10 26																			
Masirah																										

* 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	13.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Karachi	Missa																	
Peshawar																		
Quetta																		

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

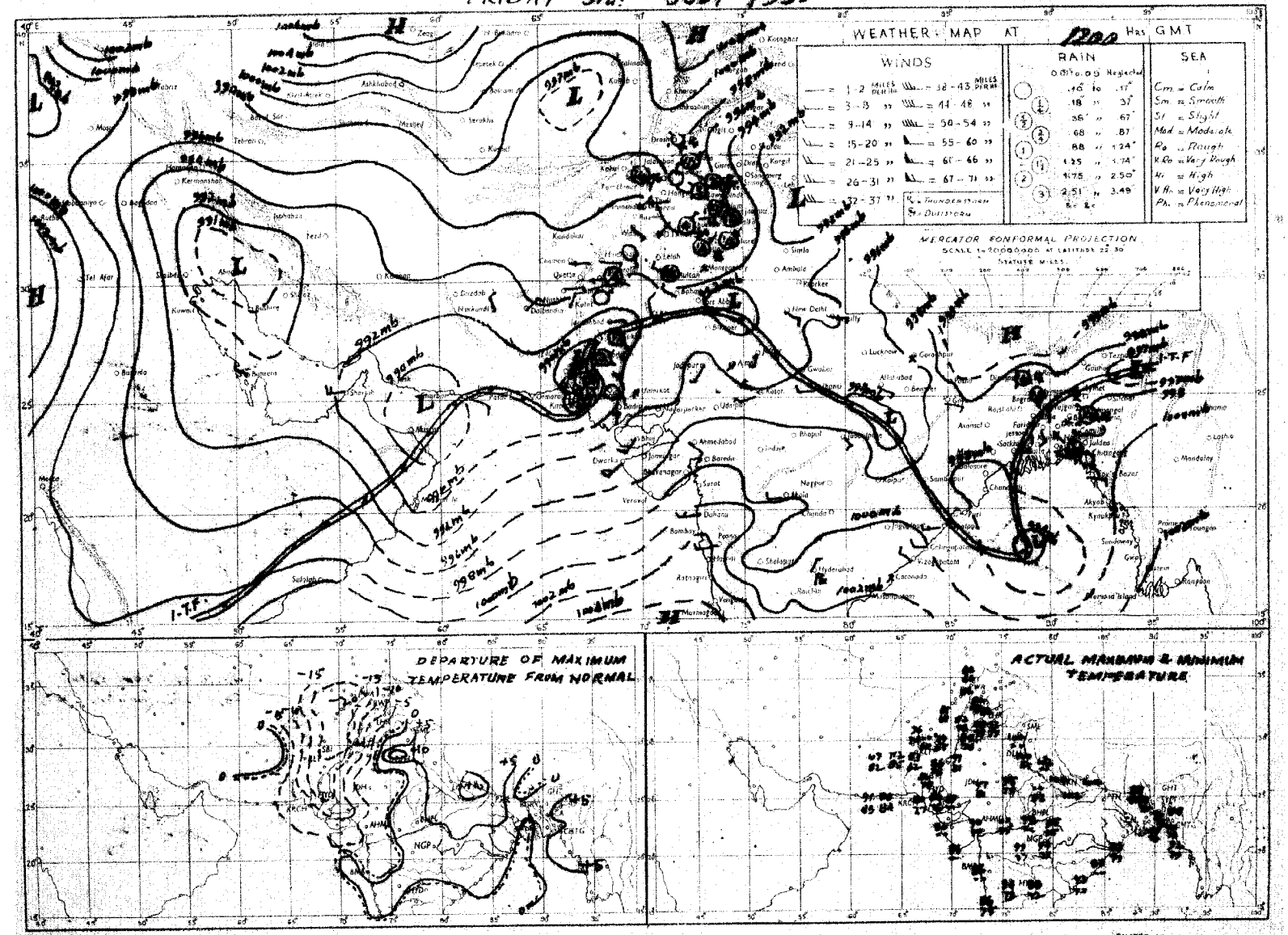
Cloud observation Data (GGIII Cddv,v,etc.)

41 712 30 224

The accuracy of individual entries in this report can not be guaranteed. Corrections can be obtained if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI 32.

PAKISTAN DAILY WEATHER MAP

FRIDAY 3rd. JULY 1959



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

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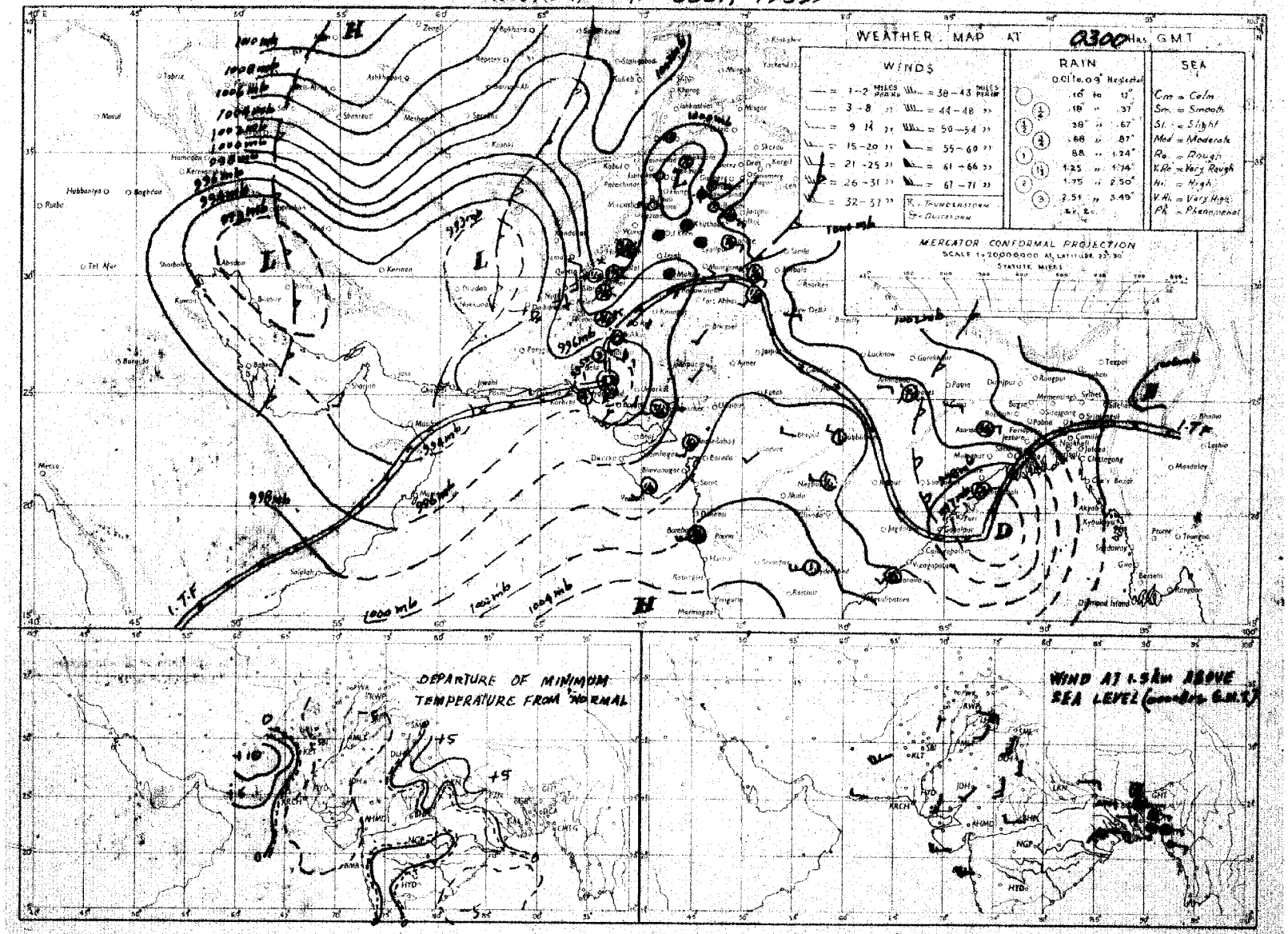
PAKISTAN DAILY WEATHER MAP

SATURDAY 4th JULY, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

SUNDAY THE 5th JULY, 1959.

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

yesterday's depression further weakened and now lies as a low over Hyderabad division.

Observations from northern parts of west Pakistan are lacking but believe the low pressure wave over Peshawar division is now moving across Rawalpindi division.

A fresh low pressure wave is approaching Afghanistan.

Rain/thundershowers have been widespread in Rawalpindi division, fairly widespread in Peshawar division local in Lahore, D. I. Khan and Quetta divisions and scattered in Multan, Bahawalpur, Khairpur and Hyderabad divisions and the Federal Capital Area.

Observations from East Pakistan, Orissa and adjoining areas are lacking but believe yesterday's depression crossed coast and lies at 05,0300 G.M.T. near Sambabpur likely to move in a northwesterly direction. In its association rain/thundershowers have been widespread in Dacca, Chittagong division and scattered in Rajshahi division.

Chief amounts of rainfall are: Barisal and Murree 4" each; Dacca and Jhelum 3" each; Rawalpindi, Peshawar, Parachinar and Lahore 1½" each; Cox's Bazar, Maijdee Court, Comilla, Sylhet, Lyallpur, Kakul, Landikotal 1" each; and Narayanganj, Khunla, 3/4" each; Khushab, Leiah, Drosh, D. I. Khan ½" each; Srimangal Jessore, Cherat, Meeranshah, Fort Sandman, Hindubagh, Loralai, Badin and Jacobabad ¼" each.

Day temperatures were generally 10—20°F below normal in West Pakistan outside Kalat and West Quetta divisions and 3—5°F above normal in Dacca and Chittagong divisions.

Forecast valid until the evening of 6th July, 1959. Fairly widespread rain/thundershowers will occur in East Pakistan, Lahore, Rawalpindi, Peshawar, D. I. Khan, divisions and Kashmir, local in Hyderabad division and Federal Capital Area and scattered in Khairpur, Bahawalpur, Multan and Quetta divisions.

Heavy Rainfall Warning: Locally moderate to heavy rain will fall in Rawalpindi, Peshawar divisions, Kashmir and East Pakistan.

Karachi-11
The 5th July, 1959.

OBSERVATIONS

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

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

Divisions	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	6	11	02	96	02	6	026	xx	8	0	9	3	9	80	87
	Chittagong	009	8	8	11	09	97	60	6	024	83	6	4	5	2	x	77	88
	Maijdee Court	000	7	8	18	09	95	02	2	013	84	6	5	5	5	x	78	90
	Comilla	000	0	8	00	00	96	02	2	014	64	8	4	5	x	x	78	89
	Brahmanbaria	030	0	6	00	00	97	03	1	022	84	6	0	9	2	0	77	91
	Sylhet	011	2	8	00	00	96	95	9	028	79	6	3	6	2	x	76	91
	Srimangal	286	6	8	00	00	97	03	9	093	77	0	0	9	0	0	83	99
Dacca	Mymensingh	000	0	6	13	02	98	02	2	021	89	6	7	5	0	0	77	92
	Narayanganj	000	9	8	11	07	96	03	2	010	85	8	7	5	x	0	77	90
	Dacca (Tezgaon)	000	9	7	13	09	97	02	2	009	84	3	3	5	3	8	78	90
	Faridpur	000	8	6	17	09	96	02	2	003	85	5	4	7	1	0	84	87
	Barisal	267	4	8	13	06	97	03	6	006	82	2	7	5	4	0	79	85
Rajshahi	Khulna	000	0	8	05	03	95	03	2	005	80	0	0	9	0	0	85	99
	Satkhira	000	0	6	00	00	95	03	2	989	xx	x	x	8	x	0	83	85
	Jessore	000	0	8	05	06	96	03	x	993	86	6	4	5	6	x	81	81
	Sirajganj	000	0	4	13	03	98	03	1	998	86	4	1	9	4	1	xx	90
	Bogra	000	0	7	13	07	96	03	2	009	87	2	7	4	0	2	77	91
	Dinajpur	000	8	6	00	00	96	02	2	007	88	6	0	9	2	0	76	91
	Rangpur	000	0	2	18	02	96	01	1	xxx	89	2	5	6	0	0	81	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	5	7	13	07	96	02	9	xxx	xx	3	9	6	2	6	78	95
	Sialkot																	
Rawalpindi	Jhelum	178	6	8	05	03	96	95	9	978	77	4	9	6	2	0	74	83
	Rawalpindi	061	9	8	00	00	97	60	6	983	73	8	7	6	0	0	71	79
	Khushab	050	1	4	05	09	96	03	6	987	77	4	3	6	0	0	75	81
Multan	Lyallpur	075	2	8	34	02	96	03	6	969	82	8	6	8	0	0	79	91
	Montgomery	000	0	4	23	02	96	02	1	953	96	2	2	9	0	0	75	97
	Multan	000	0	3	31	03	95	01	3	987	89	0	0	6	0	0	83	93
Bahawalpur	Leiah	053	5	6	36	03	99	00	2	989	80	5	3	7	4	0	78	81
	Khanpur	000	0	0	34	05	96	05	6	949	93	0	0	9	1	2	79	95
	Bahawalpur	000	0	1	34	03	97	01	0	955	97	0	0	8	0	0	73	97
	Fort Abbas	...	..		...	..	...	...	...	...	...	..	...		...	..	...	-
Peshawar	Chakdara	006	9	7	27	02	97	03	5	951	79	0	0	8	6	0	68	80
	Peshawar	...	...	...	...	...	..	...	...	...	..	...	...	...	..	...	...	
	Haripur	011	8	7	27	03	98	61	6	009	80	0	0	0	7	0	74	80
	Campbellpur																	
D. I. Khan	Bannu	002	8	6	13	02	98	30	6	965	83	6	5	6	0	0	73	85
	D. I. Khan	001	6	3	05	02	98	03	2	971	82	0	0	9	3	0	76	81
Quetta	Sibi	000	9	5	13	02	98	01	1	957	89	0	0	9	7	0	76	91
Kalat	Nokkundi	000	0	0	34	05	98	02	0	910	09	0	0	9	0	0	41	05
	Turbat	000	0	3	01	30	96	03	0	933	05	0	0	9	6	0	77	07
	Jiwani	000	0	3	13	12	99	81	2	948	89	3	6	4	0	0	79	91
	Pasni	000	0	2	13	14	95	05	0	945	91	2	5	7	0	0	81	91
	Ormara																	
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)																	
	Karachi (Air Port)	000	0	7	31	07	96	02	2	947	88	5	5	5	3	0	78	90
	Badin	000	9	8	18	02	96	25	2	962	83	8	0	8	0	0	82	85
	Nagarparkar	000	0	0	23	02	98	00	0	930	89	0	0	9	[illegible]	0	60	93
	Umarkot	000	0	4	20	07	98	00	0	941	91	4	2	6	0	0	77	91
	Hyderabad	009	9	3	00	00	97	01	5	944	88	2	5	6	0	1	73	89
Khairpur	Pad-i-dan	000	8	7	09	05	98	02	2	956	82	2	2	6	8	2	79	89
	Nawabshah	004	0	7	09	05	96	60	2	956	85	7	[illegible]	4	0	0	81	91
	Sukkur	002	6	6	00	00	96	01	5	949	89	6	0	9	6	0	81	91
	Kashmore	000	0	4	xx	00	99	00	0	xxx	08	0	4	7	0	0	84	xx
	Jacobabad	020	3	4	00	00	96	01	6	958	88	2	8	5	0	3	80	90
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	285	9	8	13	05	95	61	6	425	58	8	9	2	x	x	56	58
Peshawar	Drosh	003	6	8	05	12	96	03	5	401	71	8	5	6	x	x	59	77
	Cherat	013	8	8	18	03	97	03	6	415	68	6	5	5	2	0	67	68
	Kakul	081	7	8	34	05	98	54	6	408	67	8	7	3	x	0	69	68
	Landi Kotal	000	0	8	05	03	97	02	2	897	73	8	6	5	0	0	6[illegible]	76
D. I. Khan	Parachinar																	
	Miranshah	000	0	6	05	02	99	03	2	380	78	6	2	7	0	0	69	8
	Wana																	
Quetta	Fort Sandeman	000	0	8	29	14	97	03	0	405	77	8	5	6	0	0	61	86
	Hindubagh	029	4	5	13	03	97	01	2	348	76	1	1	9	1	2	64	79
	Loralai	000	0	4	13	02	98	02	1	479	80	0	0	9	0	3	67	8[illegible]
	Harnai	000	0	8	09	02	96	00	0	xxx	xx	0	0	9	0	[illegible]	xx	xx
	Quetta	000	0	5	18	02	96	02	0	400	86	0	0	8	0	7	66	91
	Chaman	000	0	0	27	02	98	02	0	366	99	0	0	9	0	0	18	1[illegible]0
Kalat	Kalat	000	0	2	31	12	97	02	1	371	85	2	0	9	3	0	46	88
	Nushki	000	0	2	36	04	96	02	0	410	05	2	0	9	1	0	46	107
	Dalbandin	000	8	1	23	03	94	05	1	382	07	1	0	9	3	0	65	1[illegible]7
	Panjgur	000	0	0	31	03	98	00	0	412	01	0	0	9	0	0	37	102
Afghanistan	Kabul																	
	Kandahar																	

At 0300 Hrs. G.M.T. of date (columns 20–36); Departure from Normal of (37–38); Rainfall (39–41); Annual normal (42)

Divisions	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	094	9	7	09	05	95	60	6	066	81	6	4	6	1	0	80	78	+5	+1	22.4	—14.1	38.2	140
	Chittagong	009	0	8	16	09	97	02	2	062	82	5	4	5	2	x	76	79	+2	+2	25.3	+0.7	57.3	108
	Maijdee Court	100	2	8	13	09	95	03	6	054	80	6	6	5	3	x	79	78	+4	—1	25.2	+1.1	57.1	113
	Comilla	115	7	6	00	00	97	02	6	051	84	8	4	5	x	x	79	78	+2	+1	12.0	—9.0	38.0	94
	Brahmanbaria	098	3	6	18	07	97	03	6	054	84	6	5	5	0	0	78	78	—	—	15.8	—0.3	38.7	76
	Sylhet	023	4	8	09	07	96	51	6	057	80	3	5	5	7	x	76	78	—	—	66.7	—	114.7	—
	Srimangal	011	7	6	18	02	96	03	9	056	85	4	4	5	0	1	78	77	+12	—1	—	—	—	98
Dacca	Mymensingh	082	9	8	13	02	98	02	9	051	81	8	7	5	x	x	80	77	+5	—1	23.0	+2.7	45.1	91
	Narayanganj	080	9	8	13	07	95	61	6	044	82	8	7	4	x	x	80	76	+2	—3	15.9	+1.4	37.1	74
	Dacca (Tezgaon)	323	5	8	13	07	97	21	9	033	83	7	9	4	1	x	73	76	—	—	18.0	—	34.6	—
	Faridpur	015	9	6	16	05	96	03	5	015	84	4	5	6	1	0	80	78		0	9.1	—5.7	37.4	71
	Barisal	428	5	8	00	00	97	61	6	038	81	8	7	5	0	0	79	77	—3	—2	23.6	+5.9	38.5	81
Rajshahi	Khulna	074	0	8	13	07	95	02	2	029	82	8	5	5	x	x	80	78	+11	0	14.3	—0.5	35.2	68
	Satkhira	000	0	8	10	00	95	03	2	029	83	x	x	8	x	x	79	79	—4	+1	12.5	—1.9	30.6	65
	Jessore	024	0	4	05	05	96	02	2	031	86	2	4	5	6	0	82	81		—	9.5	—4.9	25.4	65
	Sirajganj	045	4	8	09	03	97	50	5	015	81	8	7	5	0	0	80	79	+3	+1	8.5	—5.8	33.3	64
	Bogra	018	6	8	09	02	96	61	6	034	80	6	7	4	2	x	79	79	+2	+1	12.3	—3.4	31.3	69
	Dinajpur	008	3	8	00	00	96	62	2	021	81	1	4	7	0	0	77	78	+2	0	11.9	—4.7	29.3	72
	Rangpur	020	0	8	13	02	96	03	2	xxx	82	8	5	6	x	x	70	77	+3	—1	23.8	+3.0	45.7	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	156	9	7	00	00	96	02	9	992	79	5	9	4	7	0	76	75	—7	—5	2.2	—0.1	6.0	19
	Sialkot																							32
Rawalpindi	Jhelum	310	9	7	00	00	98	02	9	989	82	5	8	6	2	0	70	71	—	—	7.9	—	18.2	—
	Rawalpindi	131	7	3	27	02	99	01	6	995	73	0	0	9	0	5	70	69	—	—8	11.8	+8.6	24.9	36
	Khushab	050	0	4	47	02	98	02	1	995	81	4	3	6	0	0	75	75	—13	—8	7.4	+5.6	12.9	15
Multan	Lyallpur	099	9	8	29	07	96	03	9	985	78	8	7	0	x	x	77	78	—13	—5	1.4	—0.3	4.1	12
	Montgomery	000	0	0	00	00	96	00	0	989	84	0	0	9	0	0	77	80	—8	—4	0	—1.5	2.3	10
	Multan	000	0	4	3[illegible]	07	95	03	1	000	83	1	1	7	1	1	79	xx	—10	x	2.1	+1.2	4.1	7
Bahawalpur	Leiah	000	0	8	36	07	99	02	2	028	77	0	0	8	4	0	76	71	—	—	—	—	—	8
	Khanpur	000	0	6	02	05	96	05	0	979	86	0	0	9	4	2	81	79	—12	—4	0.2	—0.5	1.0	6
	Bahawalpur	000	0	3	05	03	97	00	0	993	87	0	0	9	1	0	78	83	—8	—1	0	—0.6	1.0	6
	Fort Abbas	000	0	0	23	03	98	00	0	xxx	91	0	0	9	0	0	78	82	—	—	0	—	0.3	4
Peshawar	Chakdara	000	0	7	00	00	98	01	2	992	73	0	0	8	6	0	65	68	—	—	1.6	—	17.2	—
	Peshawar	175	9	5	00	00	99	03	6	994	62	3	2	9	2	0	59	xx		—	1.7	+1.3	14.7	14
	Haripur	000	0	2	36	03	98	10	0	029	76	0	0	x	0	0	71	52	—	—	4.2	—	18.2	—
	Campbellpur																							—
D. I. Khan	Bannu	002	0	2	27	02	99	01	1	997	77	0	0	9	0	3	68	72	—	—	4.4	—	11.4	11
	D. I. Khan	060	3	4	00	00	97	01	1	988	81	0	0	9	4	0	77	74	—24	—9	5.9	+5.1	9.7	10
Quetta	Sibi	000	0	0	18	02	98	00	0	977	84	0	0	9	0	0	78	71	—	—	1.4	—	1.7	5
Kalat	Nokkundi	000	0	0	34	02	99	02	0	967	86	0	0	9	0	0	41	82	—	—	0	—	1.1	2
	Turbat	000	0	0	23	02	94	00	0	986	87	0	0	9	0	0	81	xx	—	—	0.6	—	5.1	—
	Jiwani	000	0	0	09	05	96	01	2	979	85	6	6	5	0	0	79	83	—	—	0	—	5.6	4
	Pasni	000	0	4	36	00	95	05	0	979	86	4	5	7	0	0	83	82	—1	+3	0	—0.4	2.5	6
	Ormara																							6
	Las Bela																							8
Karachi Federal Area & Hyderabad	Karachi (Manora)																							8
	Karachi (Air Port)	000	0	2	00	00	98	01	2	973	86	1	1	6	0	1	79	81	—	—	7.7	—	8.0	—
	Badin	020	9	9	30	02	95	25	8	948	81	9	0	6	0	0	80	81	—12	—1	0.9	—1.0	0.9	9
	Nagarparkar	000	0	0	23	02	97	00	0	935	82	0	0	9	0	0	58	76	—	—	2.1	—	2.1	—
	Umarkot	000	0	0	11	05	98	00	0	972	85	0	0	9	0	0	78	73	—	—	0.6	—	1.4	—
	Hyderabad	009	9	2	00	00	97	03	0	980	85	2	5	6	0	0	78	81	—12	—1	2.2	+1.5	3.0	7
Khairpur	Pad-i-dan	000	9	2	05	02	98	03	1	981	87	1	0	9	7	0	81	81	—	—	3.5	—	7.8	—
	Nawabshah	004	0	2	09	02	96	03	0	984	87	1	8	6	0	0	81	81	—	—	1.9	—	2.6	—
	Sukkur	002	9	2	04	00	96	01	1	977	86	2	0	9	7	0	81	78	—	—	0.8	—	1.8	4
	Kashmore	000	0	0	05	03	99	08	0	xxx	92	0	0	9	0	0	88	85	—	—	0.2	—	1.2	—
	Jacobabad	020	0	1	05	03	96	01	2	979	88	0	0	9	4	0	xx	84	—21	—1	3.1	+2.7	3.8	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							
	Gilgit																							5
Rawalpindi	Murree	413	9	7	34	14	97	02	6	420	55	5	1	7	1	1	50	52	—9	—7	16.5	+11.0	41.8	59
Peshawar	Drosh	046	9	2	00	00	98	01	9	431	65	2	5	6	0	0	59	59	—18	—12	0.9	—	30.0	18
	Cherat	030	3	0	36	03	99	00	6	420	66	0	0	9	0	0	65	62	—23	—10	2.5	+1.2	12.6	29
	Kakul	105	9	3	18	07	99	01	6	409	65	2	5	7	3	0	62	63	—	—	13.6	—	33.3	—
	Landi Kotal	108	0	4	09	00	98	01	2	412	67	2	6	5	3	3	65	xx		—	1.7	—	16.8	—
D. I. Khan	Parachinar																							29
	Miranshah	021	0	4	05	02	99	01	6	410	70	0	0	8	4	0	65	65	—	—	1.0	—0.1	4.0	13
	Wana																							—
Quetta	Fort Sandeman	033	5	6	00	00	98	03	6	415	74	6	1	6	0	0	67	57	—17	—19	1.4	+0.5	10.1	11
	Hindubagh	029	9	0	00	00	98	00	0	362	66	0	0	9	0	0	60	66	—	—	0.9	—	9.0	—
	Loralai	030	0	3	00	00	98	02	1	443	73	0	0	9	0	3	69	62	—	—	3.8	—	8.6	—
	Harnai	000	0	0	87	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	0.7	—0.3	5.0	14
	Quetta	014	0	9	70	20	97	02	0	403	72	0	0	9	0	0	65	58	—	—	1.1	+0.9	6.7	8
	Chaman	000	0	0	18	03	98	02	0	425	76	0	0	9	0	0	36	67	—2	—9	0.1	+0.1	6.2	7
Kalat	Kalat	000	0	0	31	05	97	02	0	420	74	0	0	9	0	0	49	57	—3	—5	0	—0.2	5.3	9
	Nushki	000	0	0	00	00	97	02	0	448	88	0	0	9	0	0	40	76	—	—	0.3	—	2.7	—
	Dalbandin	000	0	0	00	00	96	02	0	412	85	0	0	9	0	0	36	73	—2	—2	0	0	2.1	5
	Panjgur	000	0	0	05	02	98	00	0	418	81	0	0	9	0	0	42	76	—1	+2	0.2	—	1.9	4
Afghanistan	Kabul																							12
	Kandahar																							—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 5th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ... W	PPP TT	$N_hC_hhC_mC_h$	D.V.s a PP	8 N. Ch. h_s	O T. T. T_d T_d	Id...d...P H.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
British Yeoman	73 220	620 05	1 21 18	96 05 0	946 83	...	...	...	...	...
British Yeoman	73 210	629 11	1 23 20	96 05 0	996 84	...	...	...	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTT$_d$T^{d}T$_d$	At surface and Standard Isobaric Levels: 1000 mb HHHTTT T^{d}T^{d}T$_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sagra ...														
Chittagong ...														
Dacca ...	00 00	002 265 245	002 241 212	...	400 172 148	...	074 195 055	345 032 502	804 558 578	533 638 675	966 702	245 982		
Hamal ...														
Karachi ...	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...	...
Lahore ...														
Multan ...														
Peshawar ...	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 08	...	Misda	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT T^{d}T^{d}T$_d$								Max. Height Reached PPPTTT T$_d$T$_d$T$_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Sagra ...													
Chittagong ...													
Dacca ...	00 00	900 198 168	800 155 132	350 705 738	...	...	...	...	...	...	350 705 738	...	...
Hamal ...													
Karachi ...	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...
Lahore ...													
Multan ...													
Peshawar ...	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hundreds tens and units of millibars.
TTT: T$_d$T$_d$T$_d$:Dry Bulb:Dew Point temperatures (in tenths of(oC)
St:- Character of tropopause.

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

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bagra ...	11 15	11 23	13 36	13 28	13 28	...	...	...	...	13 13	...	...	...	...	...	13 15	15 21	14 23	15 27	15 23	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	20 11	29 13	18 14	18 13	18 09	16 06	...	...	...	24 03	17 06	14 07	15 17	14 20	09 14	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	No Ascent	No Ascent	...	...	...	...	...	...	...	15 25	...	...	...	...	...	No	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	No Ascent	No Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	17 15	17 32	17 37	...	...	...	...	...	...	13 12	14 20	14 20	14 17	14 16	...	16 43	16 44	16 48	17 39	...	...	...	...	...	...	...
Dalbandin ...	...	...	22 07	20 10	...	...	...	...	...	...	...	24 09	14 03	19 05	30 27	...	...	...	...	25 07	23 18	28 31	30 31	32 07	09 15	01 14
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	07 07	...	...	...	...	...	...	...	...	...	08 01	02 03	06 05	...	...	...	29 02	29 06	27 03	23 17	24 22	25 29	24 30	...
Fort Sandeman ...	...	...	20 03	21 04	...	...	...	...	...	...	...	...	19 02	20 04	...	...	...	...	...	...	...	...	...	...	...	...
Kohat ...	09 03	06 05	07 03	12 01	01 03	...	...	...	...	35 07	36 12	01 09	03 04	11 05	13 07	11 06	13 04	...	...	...	...	...	...	...	...	...
Kohat ...	23 21	13 33	13 34	...	...	...	...	...	...	16 16	...	...	...	...	...	16 19	...	...	...	...	...	...	...	...	...	...
Lahore ...	10 10	12 07	13 09	...	...	...	...	...	...	11 03	14 09	15 13	16 18	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	14 10	11 08	09 09	09 07	01 10	36 13	36 20	...	...	10 12	10 09	05 03	...	...	...	11 08	07 09	06 05	21 19	33 13	36 15	...	...	...	...	...
Lahore ...	35 12	36 17	...	...	...	...	...	...	...	04 12	04 19	04 15	03 12	03 18	01 33	06 09	05 10	04 11	03 18	01 18	02 21	...	...	...	...	...
Lahore ...	08 09	09 09	08 12	10 12	...	...	...	...	...	07 08	09 13	12 14	11 08	...	...	04 05	05 08	04 04	09 01	19 08	33 10	30 04	...	...	...	...
Lahore ...	13 13	16 15	17 13	21 22	19 19	20 17	...	...	...	...	...	...	...	...	...	03 02	22 08	23 09	27 09	22 19	25 20	...	...	...	...	...
Multan ...	30 10	27 10	25 09	19 17	21 12	...	...	...	...	35 08	02 08	29 08	04 13	20 17	20 17	35 11	01 07	30 30	24 04	02 06	17 05	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	29 04	...	...	...	...	...	...	...	...	04 03	32 05	...	...	...	...	...	...	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	04 04	25 06	22 02	13 00	18 01	15 08	17 05	19 08	20 10	21 15	23 17	21 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	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	Misda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

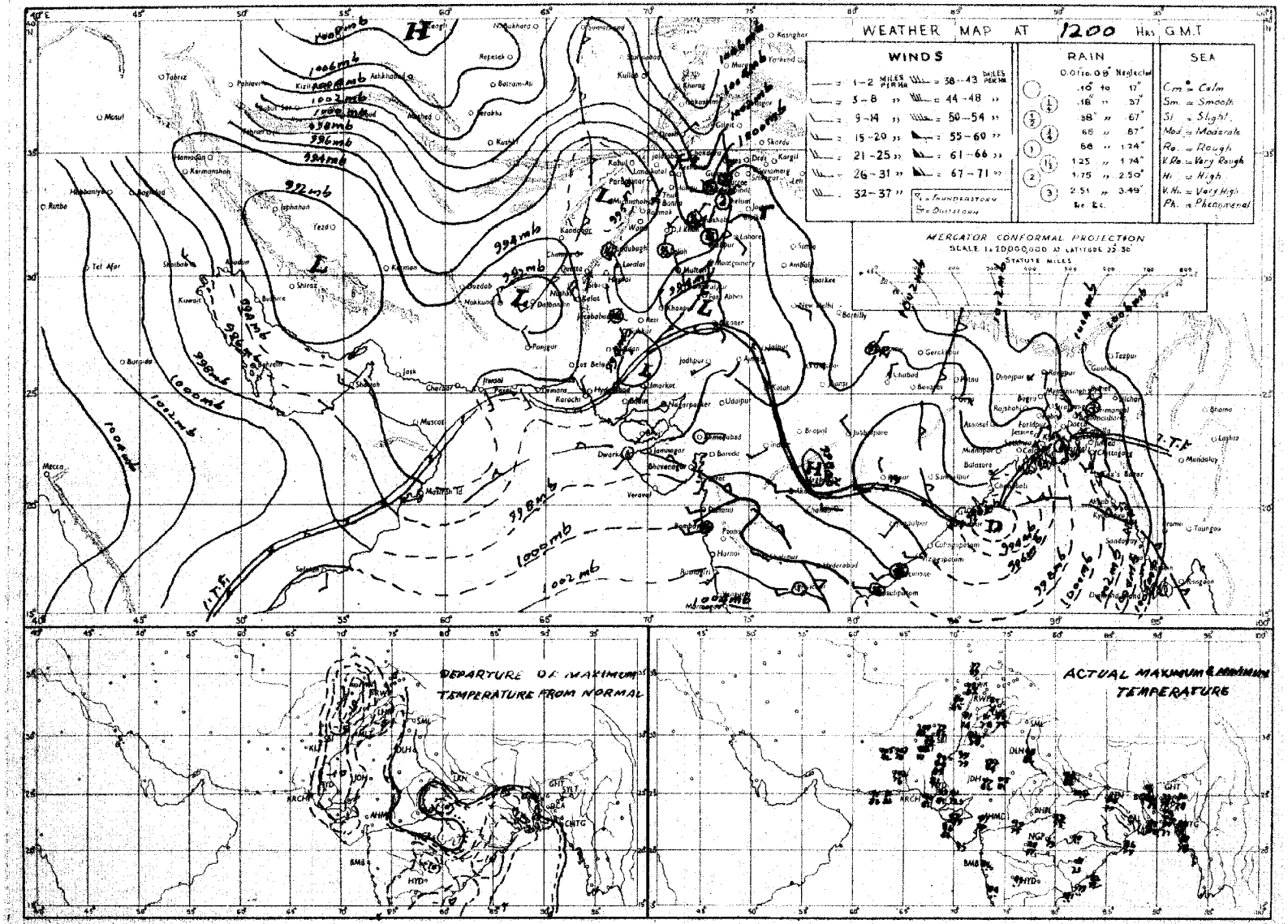
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv, etc.)

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

PAKISTAN DAILY WEATHER MAP

SATURDAY 4th JULY 1959.



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

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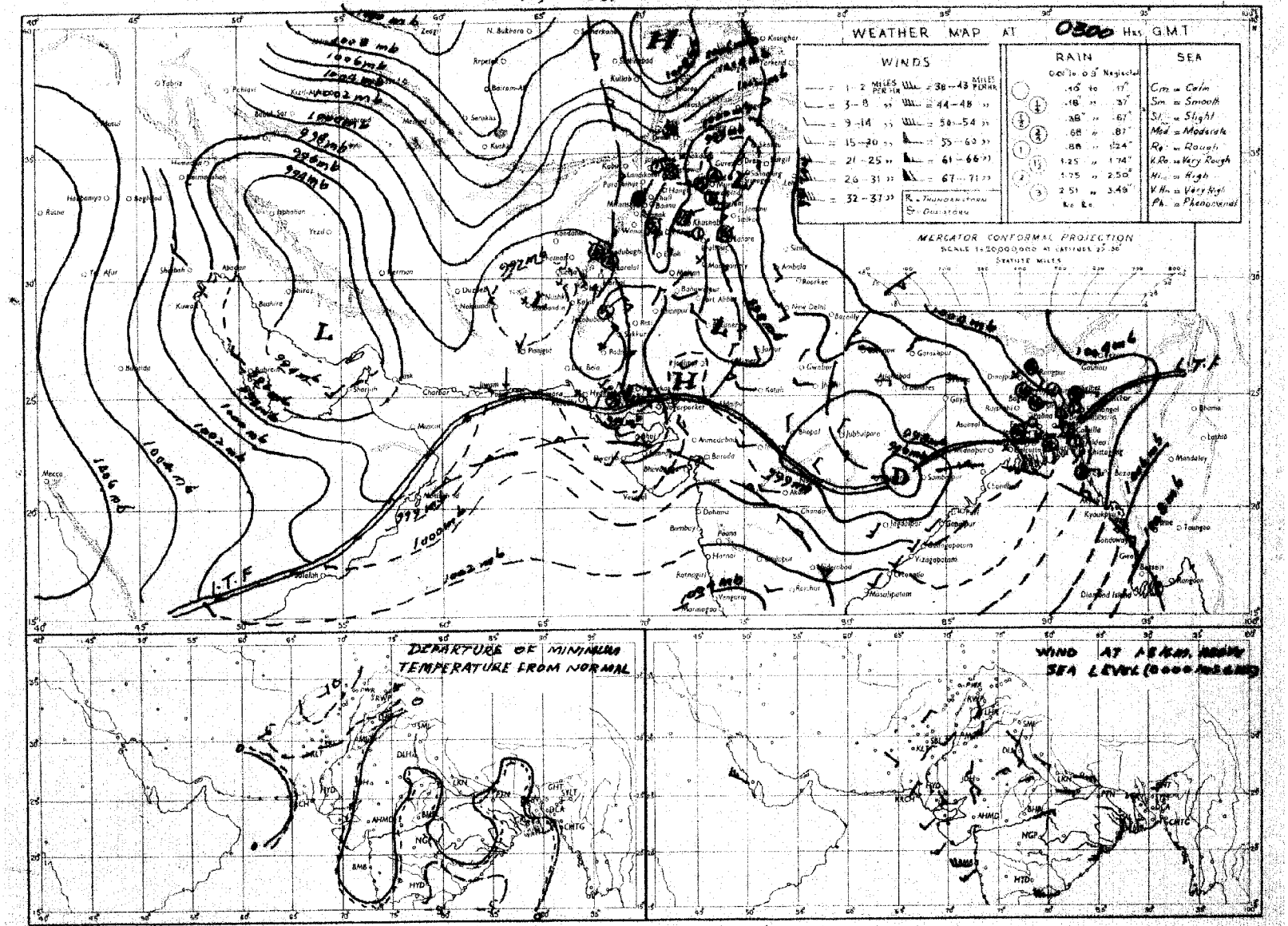
PAKISTAN DAILY WEATHER MAP

SUNDAY, 5th JULY, 1959.



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

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Reg. No.S-1457
Volume No. 13

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 6th JULY, 1959.

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

Yesterday's depression moved northwestwards and lies at 06,0300 G.M.T. about 70 miles southsoutheast of Jaipur. It is likely to move northnorthwestwards.

Observations from northern parts of west Pakistan are lacking but believe yesterday's low prassure wave is moving across East Kashmir. The other low pressure wave persists over Afghanistan.

The low over Hyderabad division persists.

Rain/thundershowers have been widespread in Lahore division and scattered in D. I. Khan and Peshawar divisions. A few heavy falls occurred in Lahore and D. I. Khan divisions.

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

Chief amounts of rainfall are: Cox's Bazar 6", Chittagong 5", Sialkot 3", Bannu 2", Maijdee Court 1½"; Comilla, Satkhira 1" each; Mymensingh, Dacca 3/4" each; Sylhet, Khunla, Sirajganj, Rangpur ½" each; Srimangal, Narayanganj, Faridpur, Barisal, Bogra and Lahore ¼" each.

Day temperatures were 9—14 °F below normal in Khairpur, Multan, Bahawalpur, Lahore, Rawalpindi, D. I. Khan and Peshawar divisions and 3—6 °F so in Quetta north Kalat, lower Rajshahi divisions.

Forecast valid until the evening of 7th July, 1959. Fairly widespread rain/thundershowers will occur in East Pakistan and Lahore, Rawalpindi, Peshawar, D. I. Khan divisions, Kashmir and local in Multan division. Scattered thunderstorms/showers are also likely to occur in Bahawalpur, Khairpur and Hyderabad divisions and the Federal Capital Area.

Heavy Rainfall Warning: Locally moderate to heavy falls will occur in Lahore, Rawalpindi, Peshawar, D. I. Khan divisions, Kashmir and East Pakistan during next 24 hours.

Karachi-11
The 6th July, 1959.

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

OBSERVATIONS

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	186	8	8	11	05	9	02	9	015	77	7	4	6	2	x	75	83
	Chittagong	000	0	8	18	13	96	02	2	033	83	4	5	5	2	x	78	89
	Maijdee Court	060	3	8	00	00	96	02	6	040	82	8	4	5	x	x	79	85
	Comilla	030	0	7	18	07	97	03	1	032	82	x	x	x	x	x	78	91
	Brahmanbaria	061	5	8	00	00	96	61	9	031	79	3	5	6	2	x	81	88
	Sylhet	025	7	6	00	00	96	03	6	038	81	3	7	4	2	0	77	90
	Srimangal																	
Dacca	Mymensingh	047	2	8	00	00	95	60	6	026	81	8	6	3	x	x	80	87
	Narayanganj	000	9	8	18	05	94	03	2	023	85	7	7	4	2	x	79	87
	Dacca (Tezgaon)	000	9	7	13	09	97	02	2	009	84	3	3	5	3	8	78	90
	Faridpur	000	8	5	16	09	96	01	1	006	85	5	4	7	0	0	81	87
	Barisal	018	4	6	13	03	97	03	6	032	83	4	7	5	4	0	77	84
Rajshahi	Khulna	000	0	8	18	09	96	01	2	019	83	8	5	6	x	x	79	84
	Satkhira	078	0	[illegible]	18	02	95	03	6	011	81	x	x	x	x	x	81	87
	Jessore	000	0	6	09	03	96	02	5	993	88	4	4	5	6	u	80	89
	Sirajganj	035	2	8	18	05	97	50	5	013	78	8	7	4	x	x	77	88
	Bogra	015	5	8	16	03	96	61	6	013	79	3	7	4	2	x	78	xx
	Dinajpur	000	0	7	13	02	96	01	2	xxx	84	7	5	6	0	0	83	88
	Rangpur																	
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	014	6	8	13	03	96	02	9	984	82	6	5	4	2	x	75	85
	Sialkot	302	2	8	13	03	97	21	6	980	75	8	5	5	x	x	73	91
Rawalpindi	Jhelum	000	7	2	00	00	97	01	5	978	85	2	0	9	3	0	75	86
	Rawalpindi	000	0	1	00	00	99	02	0	968	85	1	0	9	8	0	72	86
	Khushab	000	9	0	09	05	99	00	0	972	85	0	0	9	0	0	76	88
Multan	Lyallpur	000	0	7	05	05	96	03	0	941	88	7	3	8	0	0	80	90
	Montgomery	000	0	6	05	03	96	01	1	951	94	6	1	6	0	0	79	95
	Multan																	
Bahawalpur	Leiah	000	0	5	34	07	96	03	0	940	92	4	0	9	2	3	81	98
	Khanpur	000	0	3	00	00	96	05	1	940	84	0	0	9	0	8	76	00
	Bahawalpur																	
	Fort Abbas																	
Peshawar	Chakdara																	
	Peshawar	000	0	6	27	02	98	01	1	991	88	6	0	8	7	0	68	88
	Haripur																	
	Campbellpur	000	0	0	09	03	98	00	0	976	02	0	0	9	0	0	72	03
D. I. Khan	Bannu	000	0	1	00	00	99	02	0	957	91	1	0	9	4	0	69	91
	D. I. Khan	000	6	3	00	00	99	01	1	962	91	3	0	9	3	0	77	91
Quetta	Sibi	000	0	4	23	02	98	03	1	947	97	4	0	9	3	0	74	98
Kalat	Nokkundi	000	0	0	34	02	98	02	0	934	01	0	0	9	0	0	35	02
	Turbat	000	0	0	23	02	96	00	0	941	12	0	0	9	0	0	68	12
	Jiwani	000	0	0	18	07	96	02	0	956	88	0	0	9	0	0	81	91
	Pasni	000	0	0	20	12	95	05	0	952	93	0	0	9	0	0	81	94
	Ormara																	
	Las Bela	000	0	0	00	00	98	00	0	961	96	0	0	9	0	0	77	01
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	27	05	97	02	1	945	94	6	8	6	0	0	83	96
	Karachi (Air Port)	000	0	0	18	02	97	00	0	934	84	0	0	9	0	0	80	97
	Badin	000	0	0	23	02	98	00	0	936	89	0	0	9	u	0	60	93
	Nagarparkar	000	0	4	18	03	98	02	0	935	01	4	1	6	0	0	72	01
	Umarkot	000	0	3	00	00	97	03	0	947	97	3	5	6	0	0	77	98
	Hyderabad																	
Khairpur	Pad-i-dan	000	0	2	00	00	98	01	0	939	98	2	1	6	0	0	77	99
	Nawabshah	000	0	1	00	00	96	01	0	947	98	1	8	6	0	0	77	99
	Sukkur	000	8	2	00	00	96	02	C	935	00	2	0	9	7	0	79	01
	Kashmore	000	0	0	00	00	99	00	0	xxx	08	0	0	9	0	0	85	xx
	Jacobabad	000	0	3	18	03	96	01	2	940	98	3	1	6	0	0	80	99
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	5	7	05	03	96	02	4	421	65	5	5	2	8	0	61	71
Peshawar	Drosh	000	2	4	23	07	97	01	2	384	85	4	2	7	0	0	57	88
	Cherat	000	0	3	18	03	99	03	1	416	80	1	6	6	6	0	77	80
	Kakul	000	7	5	13	03	98	03	1	412	77	3	2	4	3	0	66	80
	Landi Kotal	000	0	5	05	03	99	01	1	401	80	2	0	9	6	3	63	xx
D. I. Khan	Parachinar	000	0	3	13	02	99	02	0	795	75	2	2	4	9	0	65	xx
	Miranshah	000	0	6	05	02	99	01	0	403	82	4	0	8	4	0	64	83
	Wana	000	0	4	09	05	99	20	1	403	81	4	2	8	0	0	62	86
Quetta	Fort Sandeman	000	0	4	18	03	97	03	0	405	89	7	1	6	0	0	:7	89
	Hindubagh	000	0	7	31	03	98	00	0	342	89	0	0	9	0	0	29	89
	Loralai	000	0	0	00	00	98	02	1	480	85	0	0	9	0	3	74	86
	Harnai	000	0	3	09	02	98	02	0	xxx	xx	0	x	x	x	x	x)	xx
	Quetta	000	0	6	00	00	97	00	0	413	86	x	0	9	0	0	53	88
	Chaman	000	0	0	27	02	98	02	0	373	90	0	0	9	0	0	33	95
Kalat	Kalat	000	0	0	31	12	97	02	0	388	82	0	0	9	0	0	38	85
	Nushki	000	0	0	36	04	97	02	0	439	02	0	0	9	0	0	49	08
	Dalbandin	000	0	0	27	05	95	05	0	398	03	0	0	9	0	0	25	05
	Panjgur	000	0	0	36	03	98	00	0	434	95	0	0	9	0	0	41	98
Afghanistan	Kabul	000	0	0	32	02	99	00	0	445	79	C	0	9	0	0	71	83
	Kandahar																	

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	642	9	8	16	05	94	63	6	072	77	7	4	6	2	x	77	74	− 3	− 3	28.8	− 8.9	44.6	140
	Chittagong	455	9	8	16	05	97	61	6	058	77	8	7	4	x	x	76	75		− 2	29.8	+ 4.5	61.8	108
	Maijdee Court	145	7	6	18	02	96	03	6	046	82	4	3	6		8	79	76	+ 3	− 2	26.7	+ 1.8	58.5	115
	Comilla	090	9	8	00	00	96	02	6	037	82	8	4	6	x	x	79	77	− 2	0	12.9	− 8.6	38.9	94
	Brahmanbaria	009	0	8	13	07	97	03	5	038	84	5	4	5	2	x	78	77	−	−	15.9	− 0.5	38.7	76
	Sylhet	066	5	7	13	05	96	03	6	037	84	5	5	5	7	0	78	77	−	−	67.4	−	115.4	—
	Srimangal	029	6	5	18	03	96	03	6	040	83	4	4	5	4	0	76	76	+ 3	0	25.0	+ 3.3	58.9	98
Dacca	Mymensingh	074	9	6	27	02	98	02	6	029	83	6	7	6	0	0	80	77	0	− 1	23.7	+ 2.8	45.9	91
	Narayanganj	031	9	7	13	03	95	03	[illegible]	028	85	3	5	5	2	1	78	81	− 1	+ 2	16.2	+ 1.2	37.5	74
	Dacca (Tezgaon)	070	9	8	25	02	97	21	6	021	82	6	8	4	2	x	81	78	−		8.7	−	35.3	—
	Faridpur	024	9	8	18	02	96	03	6	009	84	8	5	6	x	x	79	78	− 1	0	9.4	− 5.9	37.8	71
	Barisal	018	9	6	00	00	97	02	6	033	84	6	0	8	4	0	80	80	− 4	+ 1	23.8	+ 5.4	38.7	81
Rajshahi	Khulna	045	0	8	00	00	96	03	6	026	83	8	5	5	x	x	8[illegible]	78	− 4	0	15.1	− 0.2	35.6	68
	Satkhira	108	0	8	[illegible]	00	95	03	6	018	84	x	x	x	x	x	80	78	− 2	0	13.6	− 1.2	31.7	65
	Jessore	000	0	6	05	05	96	02	2	021	84	4	4	5	6	0	79	78		−	9.5	− 5.3	25.4	65
	Sirajganj	051	8	6	18	03	98	03	6	011	85	6	2	5	u	u	79	78	+ 1	0	9.0	− 5.7	34.1	64
	Bogra	024	9	6	13	02	96	01	6	014	85	4	5	6	0	1	80	79	−	+ 1	12.5	− 3.6	31.6	69
	Dinajpur	000	2	8	00	00	96	02	2	002	81	8	4	7	x	x	77	79		+ 1	11.9	− 5.5	29.3	72
	Rangpur	060	2	8	13	02	96	61	6	xxx	79	8	5	6	x	x	78	79	0	+ 1	24.4	+ 2.9	46.3	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	021	9	2	12	02	97	02	9	993	82	1	5	6	3	0	75	75	− 17	− 5	2.4	− 0.1	6.2	19
	Sialkot	310	9	0	00	00	99	02	6	988	83	0	0	9	0	0	69	73	− 9	− 8	12.6	+ 8.6	18.5	32
Rawalpindi	Jhelum	000	9	0	23	02	98	01	5	985	82	0	0	9	0	0	75	74	−	−	7.9	−	18.2	—
	Rawalpindi	000	0	3	25	02	99	01	1	000	82	1	0	9	1	3	75	72	− 14	− 5	11.8	+ 8.4	24.9	36
	Khushab	000	0	4	09	02	99	02	1	005	83	4	3	6	u	0	76	78	− 16	− 5	7.4	+ 5.4	12.9	15
Multan	Lyallpur	000	0	5	00	00	96	02	0	996	82	0	0	9	0	4	73	77	− 14	− 6	1.4	− 0.3	4.1	12
	Montgomery	000	0	0	00	00	96	00	0	995	80	0	0	9	0	u	76	76		− 6	0	− 1.6	2.3	10
	Multan	000	0	6	05	02	97	03	1	989	83	1	2	6	8	3	77	80	− 8	− 5	2.1	+ 1.2	4.1	7
Bahawalpur	Leiah	000	0	7	00	00	99	03	2	985	78	6	7	6	6	0	76	74		−	0	−	1.9	8
	Khanpur	000	0	2	05	02	96	03	0	979	84	0	0	9	0	4	78	81	− 9	− 2	0.2	− 0.5	1.0	6
	Bahawalpur	000	0	0	09	02	97	00	0	986	84	u	0	9	0	0	76	80	− 5	− 4	0	− 0.6	1.0	6
	Fort Abbas																							4
Peshawar	Chakdara																							—
	Peshawar	000	0	7	09	02	98	13	1	986	85	7	0	8	6	0	65	72	−	−	1.6	−	17.2	14
	Haripur																							—
	Campbellpur	000	0	4	27	02	98	02	0	016	73	0	0	9	0	0	70	60	−	−	4.2	−	18.2	—
D. I. Khan	Bannu	209	3	8	00	00	98	05	9	997	xx	8	7	8	x	x	69	69	−	−	6.5	−	13.5	11
	D. I. Khan	000	3	4	05	02	98	[illegible]	1	974	78	4	0	9	4	0	74	76	− 14	− 7	5.9	+ 5.0	9.7	10
Quetta	Sibi	000	0	0	18	02	99	60	0	971	87	0	0	9	0	0	79	77	−	−	1.4	−	1.7	5
Kalat	Nokkundi	000	0	0	34	02	99	02	0	977	84	0	0	9	0	0	31	78	−	−	0	−	1.1	2
	Turbat	000	0	0	13	02	95	C0	0	976	89	0	0	9	0	0	76	xx	−	−	0.6	−	5.1	—
	Jiwani	000	0	4	16	05	96	03	0	969	85	4	5	5	0	0	81	83	−	−	0	−	5.6	4
	Pasni	000	0	0	20	09	95	05	0	973	86	u	0	9	0	0	83	81	+ 2	+ 3	0	− 0.4	2.5	6
	Ormara																							6
	Las Bela	000	0	0	00	00	98	00	0	994	90	0	0	9	0	0	71	84	−	−	0	−	0.2	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	31	02	97	03	1	968	87	0	0	9	0	1	81	83	−	−	7.7	−	8.0	8
	Karachi (Air Port)	000	0	0	23	02	96	00	0	952	85	0	0	9	0	0	82	85	0	+ 3	0.9	− 1.0	0.9	—
	Badin																							9
	Nagarparkar																							—
	Umarkot	000	0	0	23	03	98	00	0	956	87	0	0	9	0	0	82	84	−	−	0.6	−	1.4	—
	Hyderabad	000	0	2	00	00	97	C2	0	965	87	0	0	9	0	1	81	84	− 3	+ 2	2.2	+ 1.5	2.9	7
Khairpur	Pad-i-dan	000	0	2	[illegible]6	05	98	03	0	968	88	0	0	9	0	4	78	82	−	−	3.5	−	3.8	—
	Nawabshah	000	0	4	00	00	96	03	1	964	89	0	0	9	0	5	79	84	−	−	1.9	−	2.6	—
	Sukkur	000	9	1	02	02	96	[illegible]1	0	948	87	0	0	9	0	3	79	84	−	−	0.8	−	1.8	4
	Kashmore	000	0	0	00	00	99	00	0	xxx	92	0	0	9	0	0	88	85	−	−	0.2	−	1.2	—
	Jacobabad	000	0	1	09	07	96	13	9	974	90	3	3	6	0	0	82	86	− 12	+ 1	3.1	+ 2.7	3.8	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							
	Gilgit																							5
Rawalpindi	Murree	000	9	2	07	09	98	01	1	422	68	2	0	8	9	0	55	54	− 5	− 5	16.5	+ 9.6	41.8	59
Peshawar	Drosh	008	8	1	00	00	98	03	5	442	73	1	2	7	0	0	57	62	− 7	− 10	0.2	−	29.4	18
	Cherat	000	0	7	18	02	98	03	1	436	70	6	6	6	6	0	69	65	− 11	− 7	2.5	+ 1.2	12.6	29
	Kakul	000	9	6	31	02	98	03	1	428	72	6	5	7	0	0	63	65	−	−	13.6	−	33.3	—
	Landi Kotal	010	2	7	00	00	98	01	9	425	72	7	3	7	0	0	66	xx	−	−	1.8	−	16.9	—
D. I. Khan	Parachinar	000	7	6	36	02	99	03	2	796	67	6	0	9	4	2	59	xx	−	−	2.5	−	18.4	29
	Miranshah	000	0	4	00	00	99	01	2	425	74	4	0	8	4	0	69	66	−	−	1.0	− 0.1	4.0	13
	Wana	000	0	3	05	03	99	20	2	423	73	3	1	8	0	0	65	69	−	−	0.1	−	9.1	—
Quetta	Fort Sandeman	000	0	5	36	03	98	03	0	426	74	5	1	6	0	0	65	71	− 14	− 4	1.4	+ 0.7	10.1	11
	Hindubagh	000	2	3	13	01	97	03	0	393	74	2	0	9	1	2	62	73	−	−	0.9	−	9.0	—
	Loralai	000	0	4	00	00	98	02	1	451	73	4	0	9	2	0	71	62	−	−	3.8	−	8.6	—
	Harnai	000	0	0	27	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	−	−	0.7	− 0.4	4.9	14
	Quetta	000	0	0	18	02	96	00	0	400	74	0	0	9	0	0	59	64	−	−	1.1	+ 0.9	6.7	8
	Chaman	000	0	0	18	02	98	02	0	416	78	0	0	9	0	0	29	70	− 7	− 6	0.1	− 0.1	6.2	7
Kalat	Kalat	000	0	0	18	02	98	02	0	422	72	0	0	9	0	0	43	58	− 6	− 4	0	− 0.2	5.3	9
	Nushki	000	0	0	31	03	97	02	0	447	86	0	0	9	0	0	37	75	−	−	0.3	−	2.1	—
	Dalbandin	000	0	0	27	02	95	05	0	401	79	0	0	9	0	0	22	70	− 4	− 5	0	0	2.1	5
	Panjgur	000	0	0	05	03	98	00	0	440	80		0	9	0	0	43	74	− 5	− 2	0.2	−	1.9	4
Afghanistan	Kabul	000	0	0	18	05	99	00	0	482	70	0	0	9	0	0	59	57	−	−	−	−	−	12
	Kandahar																							—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 6th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch h_s	O $T_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Ersti	13 260	649 00	0 00 00	98 02 0	906 88	00 9 00	35 40 0	...	0 00 84	1 00 x0
Rafaarndale	13 223	617 05	5 24 10	96 01 1	980 82			...		
Sandhia	13 243	629 06	7 22 05	98 02 2	983 84	72 6 00	65 40 0	...	0 51 80	1 22 45
Kadarbuksh	13 208	694 06	8 23 18	97 15 2	004 84	58 4 18	72 40 0	...	0 02 77	1 25 28
Rafaarndale	13 217	610 12	1 14 05	96 95 0	962 90			...		
Mahadevi	13 213	621 12	8 23 08	97 02 0	953 84	87 8 xx	52 60 5	...	0 01 82	1 23 89
Santhia	13 240	615 12	0 16 03	97 02 0	956 86	00 9 00	65 82 0	...	0 51 83	1 16 x0
Kadarbuksh	13 213	690 12	8 24 18	96 05 2	980 83	54 4 18	72 60 1	...	0 81 72	1 25 27
Berenice	13 163	545 15	4 23 10	97 02 1	025 82	20 7 19	25 20 5	...	0 08 77	1 23 21
Santhia	13 238	602 18	0 00 00	98 02 0	961 84	00 9 00	65 00 0	...	0 52 82	1 xx xx
Berenice	13 166	552 18	3 23 10	97 02 1	042 81	20 7 19	25 21 7	..	0 02 70	1 23 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $PPPTTTT_dT_dT_d$	1000 mb (HHHTTT $T_dT_dT_d$)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb (HHHTTT)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	001 292 275	017 240 230	...	390 152 145	...	048 xxxxxx	210 022 505	667 548 575	384 672 688	950 792	...	...	...
Jiwani														
Karachi	00 00	994 282 272	Misda	...							...			...
Lahore	00 00	975 242 218		...	410 190 490	..	050 110 999	319 045 999	783 515 999	540 575 999			...	...
Multan														
Peshawar														
Quetta	01 00	824 188 148	...	..	...	...	063 112 999	350 085 999	629 525 999	564 632 999	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTT\ T_dT_dT_d$									Max. Height Reached $PPPTTT\ T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	900 185 175	800 132 118	568 000 520	378 678 725	...	...		...	...	378 678 725	...	...
Jiwani													
Karachi	00 00		Misda	...	...	...	...	...	...	...		...	...
Lahore	00 00	574 590 999	...	...	...	...	...	...	...	...	574 590 999	..	...
Multan													
Peshawar													
Quetta	01 00	801 165 158	715 075 999	690 152 105	521 000 999	...	...	...	...	...	521 000 999	...	...

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	11 15	11 23	13 26	13 20	13 28	...	...	..	..
Chaklala	...	...	...	...	...	...	...	...	...
Chhor	11 04	13 05	12 07	12 11	10 09	04 11	03 12	34 11	35 04
Chittagong	...	...	...	...	...	...	...	..	...
Cox's Bazar	...	...	...	...	...	...	..	...	...
Dacca	18 13	20 20		...	...		...		...
Dalbandin	...	...	27 03	28 06	29 07	32 12	34 21	33 11	36 12
D. I. Khan	...	...	...	..	...		...		...
Drosh	...	...	...		22 13	22 19	18 06	18 07	...
Fort Sandeman	...	...	...	24 05	30 02	33 06	23 04	...	...
Hyderabad	17 02	20 01	10 03	32 07	32 15	26 07	28 04	34 08	04 08
Jessore	23 21	13 33	13 34	...	...	...	...	...	
Jhelum	16 04	14 07	13 12	13 08	09 07	35 03	36 21	25 27	26 37
Jiwani	16 07	18 03	24 03	32 09	34 16	34 19	35 17	35 18	35 24
Karachi	06 08	05 07	04 11	05 20	04 29	36 35	...	...	...
Khanpur	36 07	35 04	23 02	25 07	30 02	30 02	27 07	23 07	...
Lahore	08 10	08 16	10 10	06 05	27 05	22 07	..	...	...
Multan	03 09	01 09	36 08	32 07	28 08	...		...	...
Muscat	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...
Peshawar	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	30 04	29 09	31 10	29 08	...
Sharjah	...	...	...	...	...	...	...	...	...
Sylhet	18 08	20 17	21 25	22 24	...	...	..	...	...
Veraval	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	20 16	20 17	20 17	...	..	..
Chaklala	...	...	...	...	...	...
Chhor	25 12	25 09	28 10	19 04	06 08	09 10
Chittagong	13 13	...			...	...
Cox's Bazar						...
Dacca	22 12	22 16	22 20	22 17	22 13	...
Dalbandin	...	...	26 07	30 05	28 10	24 06
D. I. Khan	...	...	...			
Drosh	...	...	...	24 01	24 05	22 10
Fort Sandeman	...		...	03 06	03 03	
Hyderabad	09 21	09 25	09 19	07 12	27 08	27 10
Jessore	21 22	...	...	...	...	
Jhelum	01 02	06 03	10 04	13 09	10 07	15 03
Jiwani	12 04	03 01	23 05	26 06	28 10	35 17
Karachi	32 13	33 07	33 02	07 10	05 09	36 13
Khanpur	04 17	05 13	07 10	15 17	04 12	34 06
Lahore	06 06	14 07	13 04	07 04	08 08	05 06
Multan	06 13	07 11	05 09	04 11	01 11	08 06
Muscat	..	...		...	...	...
Panjgur	...	...	.	..	..	...
Peshawar	...		...	...		...
Quetta	..	...		...	20 04	30 01
Sharjah	...	...	..	...	...	
Sylhet	...	...	...	...	...	..
Veraval	...	...		...		...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	..	..	...	...	...	..	.	...	...	...	...
Chaklala	...	...		...	...	...	...	...	...	...	...
Chhor	...	...	...	...	...	...	...	...	...	...	...
Chittagong	...	..	...	...	...	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...
Dacca	...	...	...	...	...	...	...	...	...	...	...
Dalbandin	...	...	20 02	26 06	28 14	28 15	33 19	34 19	35 27	36 19	36 09
D. I. Khan	...	...	...	...							...
Drosh	..	...	...	...	24 05	21 07	21 11	19 07	19 09	04 03	
Fort Sandeman		...	...	34 02	02 03	31 04	20 02	20 12	25 14	30 19	30 19
Hyderabad	11 07	08 05	04 05	02 01	...	...	...	...	...	...	...
Jessore										...	
Jhelum	26 02	20 01	16 08	06 03	08 02	05 02	26 05	26 20	25 19	...	...
Jiwani	16 05	13 01	17 04	03 03	01 03					...	...
Karachi	30 07	35 10	01 09	08 12	03 09	01 08	17 02	35 06	01 04	...	...
Khanpur	03 14	04 16	04 14	30 15	02 16	01 17				...	...
Lahore	08 04	08 03	09 01	11 03	05 04	06 04	30 04	24 23	23 26	...	...
Multan	04 08	02 08	03 13	03 15	02 17	01 14	.	..	...	...	...
Muscat	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	...	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	21 02	28 01	33 11	32 08	33 07	32 06	...
Sharjah	...	...	...	...	...	...		...	...	...	...
Sylhet	18 09	20 16	20 15	...	...	...	..	...	...	...	...
Veraval		...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	19 17	21 15	21 15	22 17	22 20	22 21	25 07	22 09	22 08	19 15	09 29	...	...	...	...	...	...	...
Dacca	Misda	...	...	...	...	...	...	...		...	...		...		...	...	...	...
Karachi																		
Peshawar																		
Quetta																		

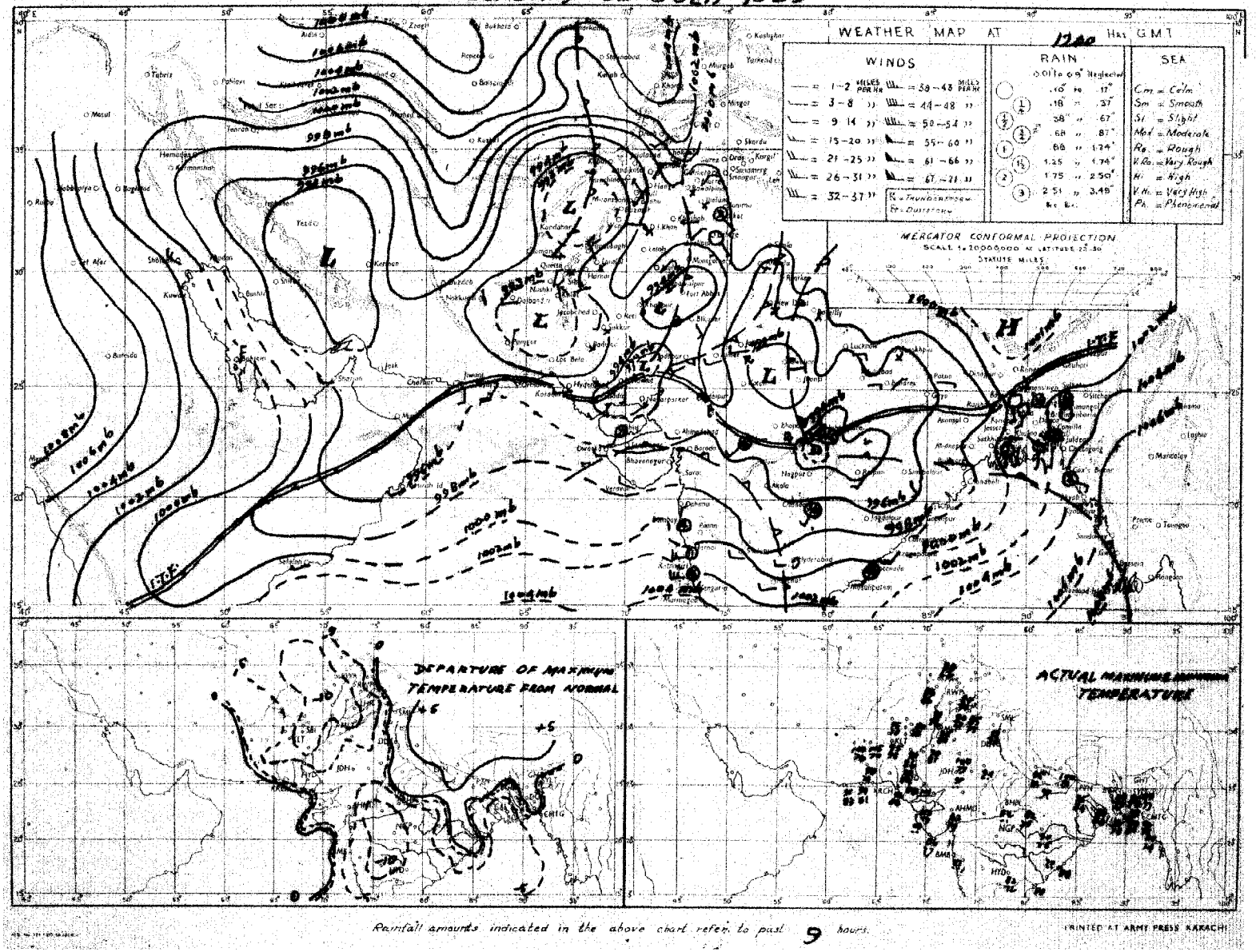
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv,v, etc.)

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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 5th JULY, 1959



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

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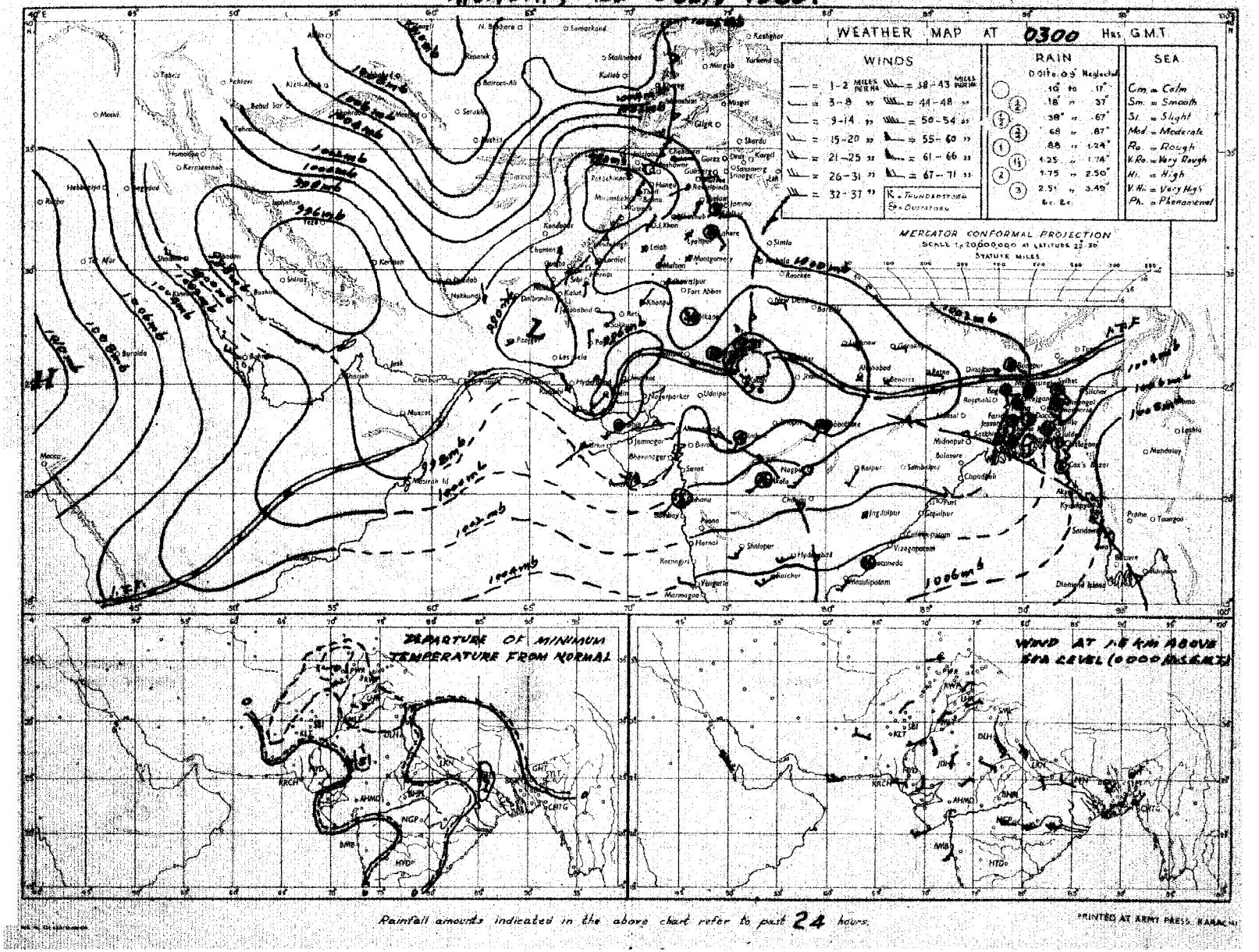
PAKISTAN DAILY WEATHER MAP

MONDAY, 6th JULY, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

TUESDAY THE 7th JULY. 1959.

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

Yesterday's depression moved northnorthwestwards weakened and now lies as a shallow depression over northeast Rajasthan. It is likely to move in a northerly direction.

The low over Hyderabad division persists.

Observations from northern parts of west Pakistan are lacking but believe the low pressure wave over East Kashmir moved away eastwards. The other low pressure wave is moving across Peshawar division.

Local thunderstorms/showers have occurred in Hyderabad division and and the Federal Capital Area and scattered in Quetta and Bahawalpur divisions.

Fairly widespread rain/thundershowers have occurred in Chittagong and Dacca divisions and local in Rajshahi division.

Chief amounts of rainfall are: Cox's Bazar 3", Dinajpur and Umerkot 1⅛" each, Chittagong, Comilla and Rangpur 1" each, Barisal and Satkhira 3/4" each, Sylhet and Harnai ½" each and Maijdee Court and Faridpur ¼" each.

Day temperatures were 7—11 °F below normal in Khairpur, Quetta Bahawalpur, Multan, Lahore, Rawalpindi, Peshawar and D. I. Khan divisions and 3—6 °F so in north Kalat, lower Rajshahi, lower Chittagong divisions and 3—5 °F above normal in Hyderabad division, The Federal Capital Area and Kalat coast.

Forecast valid until the evening of 8th July, 1959. Fairly widespread rain/thundershowers will occur in East Pakistan thunderstorms/showers will be local in Lahore and Rawalpindi, divisions and Kashmir and scattered in Bahawalpur, Peshawar, Multan, Khairpur and Hyderabad divisions.

Heavy Rainfall Warning: Locally moderate to heavy falls will occur in East Pakistan during next 24 hours.

Karachi-11
The 7th July, 1959.

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

OBSERVATIONS

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

1	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	185	9	[illegible]	[illegible]	05	95	60	0	[illegible]	79	[illegible]	4	6	[illegible]	x	76	83
	Chittagong	062	8	8	16	05	96	52	6	028	79	8	7	5	x	x	78	80
	Maijdee Court	000	9	8	13	09	95	02	2	012	83	4	5	5	5	x	79	88
	Comilla	000	0	8	00	00	96	02	2	004	82	8	4	5	x	x	79	86
	Brahmanbaria	000	0	8	18	03	96	03	2	003	83	8	4	4	x	x	79	86
	Sylhet	057	4	8	00	00	96	61	9	006	80	5	5	5	2	x	78	86
	Srimangal	002	2	4	00	00	96	02	6	009	83	3	4	6	0	1	76	89
Dacca	Mymensingh	000	0	8	00	00	98	02	2	997	84	8	7	5	x	x	80	89
	Narayanganj	010	6	8	00	0	96	03	6	998	83	3	4	5	2	8	81	87
	Dacca (Tezgaon)	019	9	7	23	09	97	02	6	993	83	2	3	4	8	7	79	86
	Faridpur	028	6	6	16	05	96	02	6	993	85	3	4	7	1	0	78	87
	Barisal	075	4	8	00	00	97	02	6	006	82	8	7	5	x	x	81	86
Rajshahi	Khulna	000	0	8	18	07	96	02	0	998	83	8	5	6	x	x	79	84
	Satkhira	079	0	[illegible]	00	00	95	03	6	000	84	x	x	x	x	x	80	85
	Jessore	008	3	6	18	03	96	02	6	994	86	4	4	5	6	0	81	86
	Sirajganj	000	0	8	18	05	96	02	2	771	[illegible]	[illegible]	[illegible]	9	[illegible]	4	80	88
	Bogra	009	0	7	18	03	96	02	2	981	85	3	5	6	[illegible]	0	80	89
	Dinajpur	122	6	6	00	00	96	61	2	981	82	6	0	9	2	0	79	91
	Rangpur	037	2	5	13	02	96	01	6	xxx	86	5	5	6	0	0	81	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	3	05	03	97	01	1	945	90	3	2	6	[illegible]	0	75	92
	Sialkot	000	0	3	00	00	98	02	0	943	90	0	0	9	0	0	74	92
Rawalpindi	Jhelum	000	2	3	00	00	98	01	2	947	92	3	0	9	3	0	73	92
	Rawalpindi	000	0	1	18	02	99	01	1	949	88	0	0	9	0	3	74	89
	Khushab	000	0	0	00	00	99	00	0	961	90	0	0	9	0	0	73	01
Multan	Lyallpur	000	0	3	05	02	96	02	0	948	92	3	0	[illegible]	4	0	75	92
	Montgomery	000	0	0	00	00	96	00	0	945	92	0	0	9	0	0	76	94
	Multan	000	0	3	05	07	97	01	1	941	95	3	2	6	[illegible]	0	66	96
Bahawalpur	Leiah	000	5	6	36	04	99	14	5	962	98	2	7	5	8	[illegible]	76	94
	Khanpur	000	0	2	34	05	96	05	9	943	95	0	0	9	0	2	xx	97
	Bahawalpur	000	0	1	05	03	97	00	0	942	90	0	0	9	0	0	76	98
	Fort Abbas	000	0	6	05	05	98	02	0	944	90	0	0	9	[illegible]	6	77	92
Peshawar	Chakdara	000	0	3	00	00	99	01	2	912	91	3	1	7	0	0	82	92
	Peshawar																	
	Haripur	000	0	0	31	02	98	00	0	008	03	0	0	9	0	0	81	03
	Campbellpur																	
D. I. Khan	Bannu	000	0	1	13	02	99	02	0	925	90	0	0	9	0	9	71	91
	D. I. Khan	000	6	0	36	12	98	00	0	948	91	0	0	9	0	0	77	91
Quetta	Sibi	000	3	5	13	02	98	03	1	929	99	5	0	9	3	0	73	90
Kalat	Nokkundi	000	0	0	34	02	98	02	0	919	00	0	0	9	0	0	27	02
	Turbat	000	0	0	13	02	96	00	0	942	12	0	0	9	0	0	23	13
	Jiwani	000	0	0	23	09	96	02	0	949	91	0	0	9	0	0	83	93
	Pasni	000	0	0	23	03	95	05	0	932	93	0	0	9	0	0	85	97
	Ormara	000	0	2	00	00	98	20	2	944	00	1	0	8	5	4	77	08
	Las Bela																	
Hyderabad	Karachi (Manora)																	
	Karachi (Air Port)	000	0	4	23	08	97	03	0	930	94	2	2	6	0	1	84	01
	Badin	000	0	0	36	02	97	00	0	948	86	0	0	9	0	0	85	01
	Nagarparkar	015	6	8	00	00	97	02	3	918	92	8	7	7	x	x	65	95
	Umarkot	114	3	8	13	03	98	02	6	920	81	8	1	5	x	x	77	01
	Hyderabad	000	0	8	13	05	97	03	2	929	92	3	5	6	2	x	77	03
Khairpur	Pad-i-dan	000	8	7	31	09	97	03	1	921	99	1	1	6	0	6	75	00
	Nawabshah	000	0	8	09	09	96	03	2	925	94	4	5	6	2	x	82	02
	Sukkur	000	6	4	02	05	96	03	1	930	94	0	0	9	0	8	75	99
	Kashmore	000	0	4	05	03	99	02	0	xxx	08	4	4	8	0	0	85	xx
	Jacobabad	000	0	4	09	09	96	02	2	935	93	2	5	6	1	0	76	99
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	4	6	27	02	97	02	4	406	68	6	3	3	0	0	6	72
	Drosh	000	0	2	23	10	98	01	0	383	87	2	2	7	0	0	55	89
	Cherat	000	0	1	18	03	99	01	0	409	98	0	0	9	[illegible]	8	77	[illegible]
	Kakul	000	7	2	18	03	xx	xx	x	401	80	1	2	6	3	0	63	82
	Landi Kotal	000	0	2	23	02	99	01	1	393	85	2	0	9	3	0	65	86
	Parachinar	000	0	4	23	02	99	03	0	795	80	4	0	9	4	0	59	xx
	Miranshah	000	0	0	05	02	99	00	0	398	88	0	0	9	0	0	64	89
	Wana																	
	Fort Sandeman	000	8	7	20	05	98	03	0	405	84	7	5	6	0		65	90
	Hindubagh	000	6	0	13	01	98	00	0	355	89	0	0	9	0	0	48	90
	Loralai	000	0	5	13	02	98	02	1	466	80	5	0	9	2	0	71	86
	Harnai	045	0	8	09	01	96	60	0	xxx	xx	x	x	x	x	x	x	xx
	Quetta	000	0	2	27	02	97	02	0	403	88	2	1	7	0	0	44	90
	Chaman	000	0	0	31	02	98	02	0	459	95	0	0	9	0	0	21	96
	Kalat	000	0	0	31	05	97	02	0	374	85	0	0	9	0	0	27	88
	Nushki	000	0	0	36	02	97	02	0	439	03	0	0	9	0	0	34	06
	Dalbandin	000	0	0	23	05	96	02	1	393	99	0	0	9	0	0	15	01
	Panjgur	000	0	0	36	02	98	00	0	419	95	0	0	9	0	0	34	99
	Kabul																	
	Kandahar																	

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

1	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	319	9	8	23	09	94	62	9	044	80	7	4	6	2	x	[illegible]	78	— 3	— 1	32.0	— 5.7	47.8	140
	Chittagong	103	9	8	13	05	96	60	6	040	78	8	7	5	x	x	xx	77	— 6	0	30.9	+ 4.7	62.9	108
	Maijdee Court	025	9	7	13	02	97	02	6	029	84	2	1	7	9	0	80	80	+ 2	+ 2	26.9	+ 1.3	58.7	115
	Comilla	105	3	5	00	00	97	03	6	024	83	5	4	5	0	0	80	78	— 1	+ 1	13.9	— 7.5	39.9	94
	Brahmanbaria	000	0	8	19	02	97	03	1	019	83	7	4	5	0	0	79	80	—	—	15.9	— 0.8	38.7	76
	Sylhet	064	8	8	13	09	96	03	6	019	82	6	5	5	2	x	77	79	—	—	68.1	—	116.0	—
	Srimangal	007	5	6	18	07	96	03	6	025	83	5	3	5	4	0	77	77	— 1	+ 1	25.1	+ 3.3	58.9	98
Dacca	Mymensingh	000	0	8	13	02	98	02	2	016	84	8	4	4	x	x	78	77	+ 2	— 1	23.7	+ 2.2	45.9	91
	Narayanganj	010	9	8	18	03	96	03	1	013	85	8	7	4	x	x	79	80	— 1	+ 1	16.3	+ 0.9	37.5	74
	Dacca (Tezgaon)	009	8	7	20	21	xx	xx	x	009	86	6	8	4	0	1	81	80	—	—	8.8	—	35.4	—
	Faridpur	028	9	6	18	02	97	03	6	[illegible] 0	86	6	5	7		0	74	78	— 1	0	9.7	— 6.1	37.9	71
	Barisal	087	9	8	00	00	97	03	6	023	85	8	0	7	6	x	81	60	— 2	+ 1	24.7	+ 5.7	39.5	81
Rajshahi	Khulna	000	0	5	23	03	96	01	2	016	88	5	5	7	[illegible]	0	81	79	— 4	+ 1	15.1	— 0.2	35.6	68
	Satkhira	079	0	4	23	02	96	01	6	014	87	4		7	0	0	80	79	— 4	+ 1	14.4	— 0.9	32.5	65
	Jessore	009	0	3	13	05	97	01	6	011	87	3	0	9	6	0	81	79	—	—	9.5	— 5.6	25.5	65
	Sirajganj	000	0	8	23	03	98	02	2	991	85	8	2	6	x	x	79	80	+ 1	+ 2	9.0	— 6.1	34.1	64
	Bogra	003	9	5	23	03	96	02	6	998	85	3	5	6	7		80	81	0	+ 3	12.5	— 4.1	31.6	69
	Dinajpur	164	3	8	00	00	96	02	6	991	81	8	4	7	x	x	76	76	+ 2	— 2	13.5	4.5	30.9	72
	Rangpur	117	0	8	00	00	96	03	6	xxx	82	8	5	6	x	x	81	77	+ 2	— 1	25.6	+ 3.3	47.5	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	3	00	00	96	02	0	956	86	2	2	7	4	0	77	8	9	0	2.4	— 0.3	6.2	19
	Sialkot	[illegible]	0	0	00	00	99	00	0	954	84	0	0	9	0	0	71	78	— 7	3	12.6	+ 8.3	18.5	32
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	957	86	0	0	9	0	0	75	78	—	—	7.9	—	18.2	—
	Rawalpindi	000	0	0	00	00	99	00	0	948	83	0	0	9	0	0	74	75	— 10	— 2	11.8	+ 8.2	24.9	36
	Khushab	000	0	0	00	00	99	00	0	963	86	0	0	9	0	0	75	xx	— 3	—	7.4	+ 5.4	12.9	15
Multan	Lyallpur	000	0	0	29	02	96	00	0	963	85	0	0	9	0	0	75	80	— 11	— 3	1.4	— 0.4	4.1	12
	Montgomery	000	0	0	00	0	96	00	0	961	86	0	0	9	0	0	71	xx	— 10	—	0	— 1.7	2.3	10
	Multan	000	0	0	36	02	98	02	0	956	88	[illegible]	0	9	0	0	80	82	— 7	— 3	2.1	+ 1.1	4.1	7
Bahawalpur	Leiah	000	0	0	00	00	98	04	0	023	80	0	0	9	0	[illegible]	78	76	—	—	0		1.9	8
	Khanpur	000	0	0	02	05	96	[illegible]	0	950	91	0	0	9	0	0	79	83	— 10	0	0.2	0.6	1.0	6
	Bahawalpur	000	0	0	00	00	97	0	0	960	90	0	0	9	0	0	70	83	— 7	— 1	0	— 0.7	1.0	6
	Fort Abbas	000	0	6	23	02	98	03	6	956	88	6	4	6	0	0	77	78	—	—	0	—	0.3	4
Peshawar	Chakdara	000	0	0	00	00	99	00	0	960	78	0	0	9	0		68	68	—	—	1.6	—	17.2	—
	Peshawar																							14
	Haripur	000	0	0	12	02	98	00	0	987	82	0	0	9	0	0	75	60	—	—	4.2	—	10.2	—
	Campbellpur																74							—
D. I. Khan	Bannu	000	0	1	00	00	99	02	0	945	82	1	0	9	4	0		71	—	—	6.5	—	13.5	11
	D. I. Khan	000	0	0	05	02	98	0	0	960	80	0	0	9	0	0	79	76	— 13	— 7	5.9	+ 4.9	9.7	10
Quetta	Sibi	000	0	0	13	02	99	00	0	959	89	0	0	9	0	0	78	79	—	—	1.4	—	1.7	5
Kalat	Nokkundi	000	0	0	05	02	99	02	0	975	84	0	0	9	0	0	46	80	—	—	0	—	1.1	2
	Turbat	000	0	0	27	02	95	00	0	969	89	0	0	9	0	0	80	xx	—	—	0.6	—	5.1	—
	Jiwani	000	0	4	13	03	97	03	0	975	86	0	0	9	0	1	81	84	—	—	0	—	5.6	4
	Pasni	000	0	4	20	02	96	02	0	975	87	4	5	7	0	0	84	81	+ 5	+ 3	0	— 0.4	2.5	6
	Ormara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					6
	Las Bela																							8
Hyderabad	Karachi (Manora)																							8
	Karachi (Air Port)	000	0	6	25	05	96	03	1	972	84	2	6	5	6	0	83	82	—	—	7.7	—	8.0	—
	Badin	000	0	0	23	02	96	00	0	960	85	0	0	9	0	0	81	85	+ 5	+ 3	0.9	— 1.1	0.9	9
	Nagarparkar	...	...	...	...	...	...	...	...		...	...	...	...			...		—	—		—		—
	Umarkot	135	0	8	00	00	98	02	6	956	81	8	5	6	x	x	78	76	—	—	2.0	—	2.7	—
	Hyderabad	000	0	6	00	00	97	01	2	964	89	3	0	9	3	1	79	86	+ 3	+ 4	2.2	+ 1.7	2.9	7
Khairpur	Pad-i-dan	000	0	2	05	[illegible]	97	02	1	965	88	0	0	9	0	1	79	81	—	—	3.5	—	3.8	—
	Nawabshah	000	0	7	36	02	96	03	2	970	83	7	0	9	2	0	80	83	—	—	1.9	—	2.6	—
	Sukkur	000	9	1	00	00	96	[illegible]	1	958	90	0	0	9	0	5	74	85	—	—	0.8	—	1.0	4
	Kashmore	000	0	0	05	05	99	00	0	xxx	93	0	0	9	0	0	[illegible]	85	—	—	0.2	—	1.3	—
	Jacobabad	000	0	0	05	03	96	02	0	964	90	0	0	9	0	0	81	[illegible]	— 11	0	3.1	+ 2.7	3.8	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							
	Gilgit																							5
Rawalpindi	Murree	000	9	0	27	05	98	02	1	407	44	0	0	9	0	0	50	57	— 3	— 2	16.5	+10.2	41.8	59
	Drosh	000	0	0	00	00	98	02	0	414	75	0	0	[illegible]	0	0	59	67	— 7	— 5	6.2	—	29.4	18
	Cherat	...	...	...	...	...	...	...		...	...	...	...	...	...		...	...	+ 12					29
	Kakul	000	0	0	27	02	98	02	0	408	75	0	0	9	0	0	63	67	—	—	13.6	—	33.3	—
	Landi Kotal	000	0	0	00	00	99	00	0	401	80	0	0	9	0	0	[illegible]	xx	—		1.8	—	16.9	—
	Parachinar	...	...	...	...		...	...	...						...		...		—	—				29
	Miranshah	000	0	4	00	00	99	01	2	390	79	4	0	8	4	0	72	71	—	—	1.0	— 0.1	4.0	13
	Wana																							—
	Fort Sandeman	000	0	4	00	00	98	01	0	415	76	4	0	9	7	0	60	74	— 11	— 1	1.4	+ 0.4	10.1	11
	Hindubagh	000	0	0	31	01	98	00	0	376	74	0	0	9	0	0	51	73	—	—	0.9	—	9.0	—
	Loralai	000	0	0	00	00	98	00	0	452	72	0	0	9	0	0	67	63	—	—	3.8	—	8.6	—
	Harnai	045	0	0	27	01	98	00	6	xxx	xx	0	0	9	0	0	xx	xx	—	—	1.3	+ 0.1	5.4	14
	Quetta	[illegible]	0	0	00	00	97	00	0	403	74	0	0	9	0	0	62	62	—	—	1.1	+ 0.9	6.7	8
	Chaman	000	0	0	13	03	98	02	0	416	81	0	0	9	0	0	36	68	— 6	— 8	0.1	+ 0.1	6.2	7
	Kalat	000	0	0	16	05	98	02	0	424	70	0	0	9	0	0	49	58	— 3	— 4	0	— 0.2	5.3	9
	Nushki	000	0	0	00	00	97	02	0	447	86	0	0	9	0	0	36	76	—	—	0.3	—	2.1	—
	Dalbandin	000	0	0	00	00	95	05	0	399	77	0	0	9	0	0	26	69	— 8	— 6	0	0	2.1	5
	Panjgur	000	0	0	23	03	98	00	0	424	70	0	0	9	0	0	60	70	— 4	— 6	0.2	—	1.9	4
	Kabul																							12
	Kandahar																							—

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 7th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_aL_aL_a$ GG	N dd ff	VV ... W	PPP TT	$N_hC_hh_hC_mC_H$	D.V. a PP	¥ N, Ch. h.	O T. T. T_aT_d	Id.d.P H.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Erati	23 217	597 00	9 20 05	97 02 0	822 79	9x 0 xx	45 61 0	...	8 80 77	1 20 43
Senchia	23 237	589 00	8 20 08	97 08 9	960 98	90 9 99	35 48 0	...	9 81 85	1 98 28
Kederbukah	23 236	678 06	6 28 13	97 02 0	988 82	91 5 11	72 48 8	...	8 88 26	1 27 25
Kedderbeck	22 232	695 12	6 24 09	97 02 0	955 84	91 5 18	72 60 3	...	0 81 77	1 24 24
Saracca	23 204	590 15	6 21 15	96 02 2	965 77	80 7 70	15 70 8	...	8 81 78	1 21 22
Mohammadi	23 231	648 18	6 22 15	98 01 2	977 82	63 7 00	58 22 0	...	0 84 81	1 23 33
Keildrecht	23 081	781 46	8 25 17	98 01 1	188 82	9x 0 xx	...	...	0 87 79	1 26 44
Vellecia	23 244	587 18	9 19 09	95 06 4	958 91	9x 0 xx	34 40 5	...	0 82 84	1 90 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Chittagong	23 00	000 xxx xxx	008 252 228	...	380 162 132	...	052 085 045	321 028 502	777 555 582	580 642 999	962 778	242 978	...	...
Dacca	00 00	993 288 282	Missa	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT TdTdTd								Max. Height Reached PPPTTT TaTaTa	TROPOPAUSE St. HHHH TT	St. HHHH TT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Chittagong	23 00	900 195 172	880 142 095	457 582 602	...	...	...	...	...	...	457 582 602	...	...
Dacca	00 00	...	Missa	...	...	...	...	...	...	...	..	...	...

PPP—Pressure in hundreds tens and units of millibars.
TTT: TdTdTd:Dry Bulb:Dew Point temperatures (in tenths of(oC)
ti:- Character of tropopause.

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

UPPER WIND DATA*

Height in K.ms. 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)										
STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
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
Sargodha	17 13	18 13	20 13	23 12	...	...	...	..	..	23 13	25 17	25 17	...	...	...	24 08	25 09	25 10	24 14	...	...	...	...	...	...	...
Chaklala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor	07 05	36 08	01 11	01 10	36 14	36 16	...	...	...	25 17	28 15	27 13	33 10	34 14	36 14	...	...	...	...	...	...	...	...	...	...	...
Chittagong	...	...	...	...	...	...	...	...	...	17 19	17 21	20 22	21 22	...	...	18 15	19 16	21 15	...	...	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	No Ascent						No Ascent			...	...	...	...	...	...	...	...
Dacca	19 15	21 33	21 24	21 23	22 24	21 17	24 17	19 06	19 11	23 15	24 19	24 19	24 14	25 24		...	...	25 02	01 05	04 07	30 01	30 07	36 10	35 13	03 20	08
Dalbandin	...	...	24 09	24 05	31 07	31 13	01 15	35 17	36 18	...	...	32 05	35 03	35 04	29 04	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dhaka	...	...	...	...	24 21	25 13	26 21	27 41	27 33	...	...	...	...	27 01	24 03	27 03	...	...	...	07 05	02 12	01 15	36 42	34 41	...	...
Fort Sandeman	...	...	28 06	07 02	04 09	...	...	...	...	...	...	...	...	07 04	11 03	...	...	...	29 02	31 08	22 14	22 11	29 03	33 15	...	...
Hyderabad	07 11	09 06	06 12	32 08	34 15	32 13	03 04	...	...	14 05	07 04	20 05	04 02	34 05	30 10	11 03	12 04	08 04	31 06	34 12	05 10	34 07	25 05	34 06	10 08	32
Jacobabad	28 12	...	...	36 ...	...	...	...	...	...	24 17	26 18	26 17	...	...	...	24 10	24 10	...	...	...	...	...	...	...	...	...
Jhelum	12 01	14 02	15 05	07 06	09 12	06 13	25 22	...	...	15 02	13 03	18 02	34 05	27 07	19 12	23 01	33 05	33 08	23 08	34 07	26 06	22 05	03 04	05 03	...	...
Jiwani	19 06	18 05	16 01	03 01	01 17	32 28	33 31	33 30	36 20	13 06	24 04	24 04	24 05	24 08	32 08	14 05	14 03	14 04	30 05	...	...	...	...	...	...	...
Karachi	32 06	34 04	33 05	...	...	...	...	...	...	30 13	30 19	32 11	31 06	31 09	...	26 06	27 09	28 15	...	...	...	...	...	...	...	...
Khanpur	01 10	02 14	04 11	02 10	01 13	32 02	...	...	...	05 15	07 07	05 03	33 06	33 10	...	...	...	...	...	...	...	...	...	...	...	...
Lahore	04 08	06 08	07 07	06 07	02 09	01 13	...	...	...	07 07	04 07	03 06	33 04	03 03	25 02	36 05	02 05	02 04	05 05	03 07	35 08	32 10	26 15	27 22	27 13	27
Multan	05 07	03 10	01 13	03 17	02 16	35 15	31 13	...	...	01 04	36 03	35 09	35 06	35 06	36 11	...	...	...	...	...	...	...	...	...	...	...
Mianwali	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mirpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	31 06	28 03	33 19	32 07	34 07	...	...	...	...	25 01	36 05	...	...	...	...	36 02	08 04	10 02	12 03	11 06	11 08	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	18 12	19 17	21 20	...	...	...	...	...	...	...	...	...	...	...	...	18 14	21 11	23 11	24 15	24 19	24 22	27 22	...	...	...	...
Varsal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	21 18	23 19	24 25	24 14	25 11	25 26	24 12	24 09	20 07	20 12	11 17	10 25	...	...	...	...	...	...
Missa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

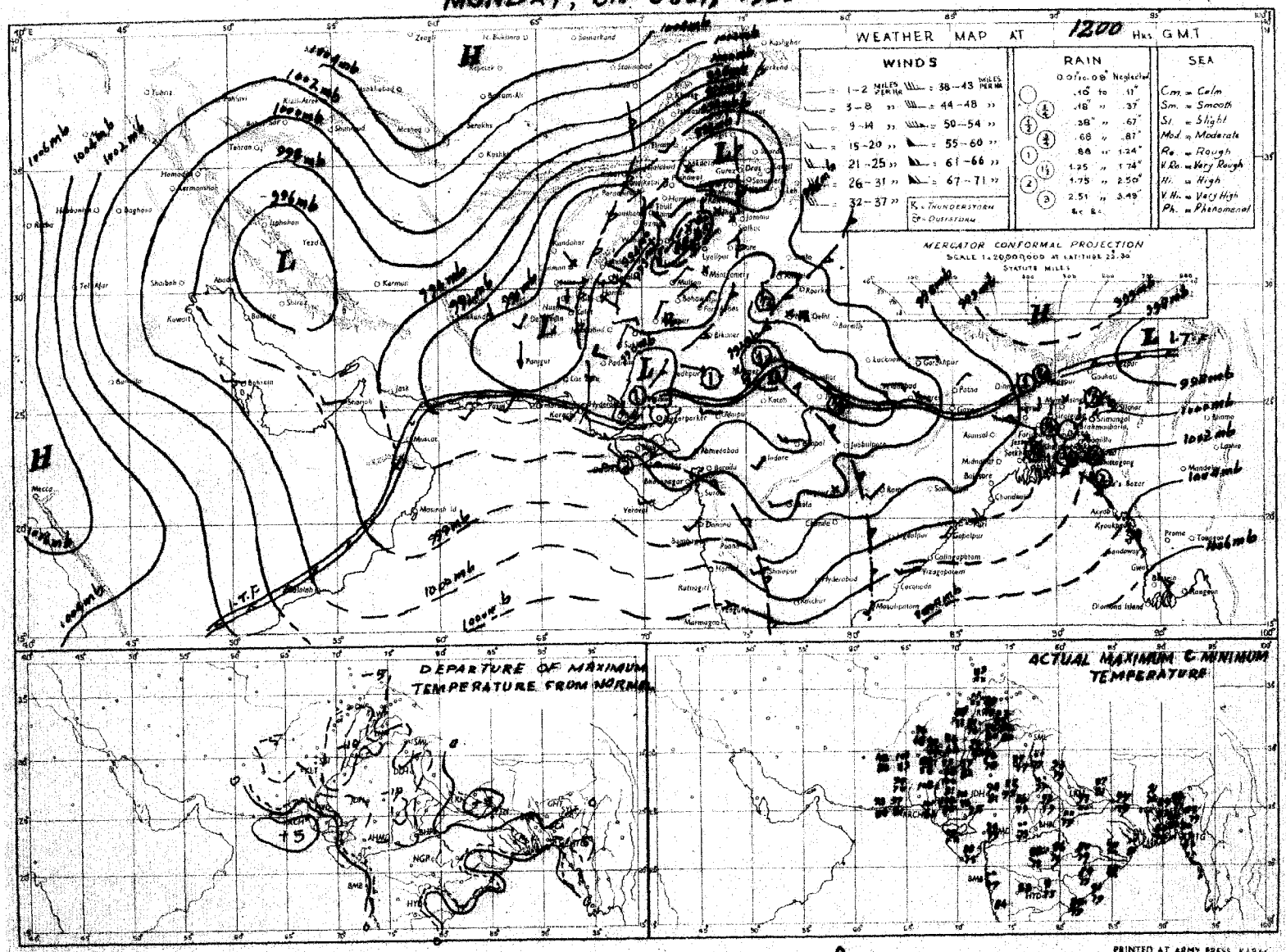
Cloud observation Data (GGHi Cddv,v,etc.)

12 598 32 716

The accuracy of individual entries in this report can not be guaranteed. Corrections can be obtained if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI 44.

PAKISTAN DAILY WEATHER MAP

MONDAY, 6th JULY, 1959



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

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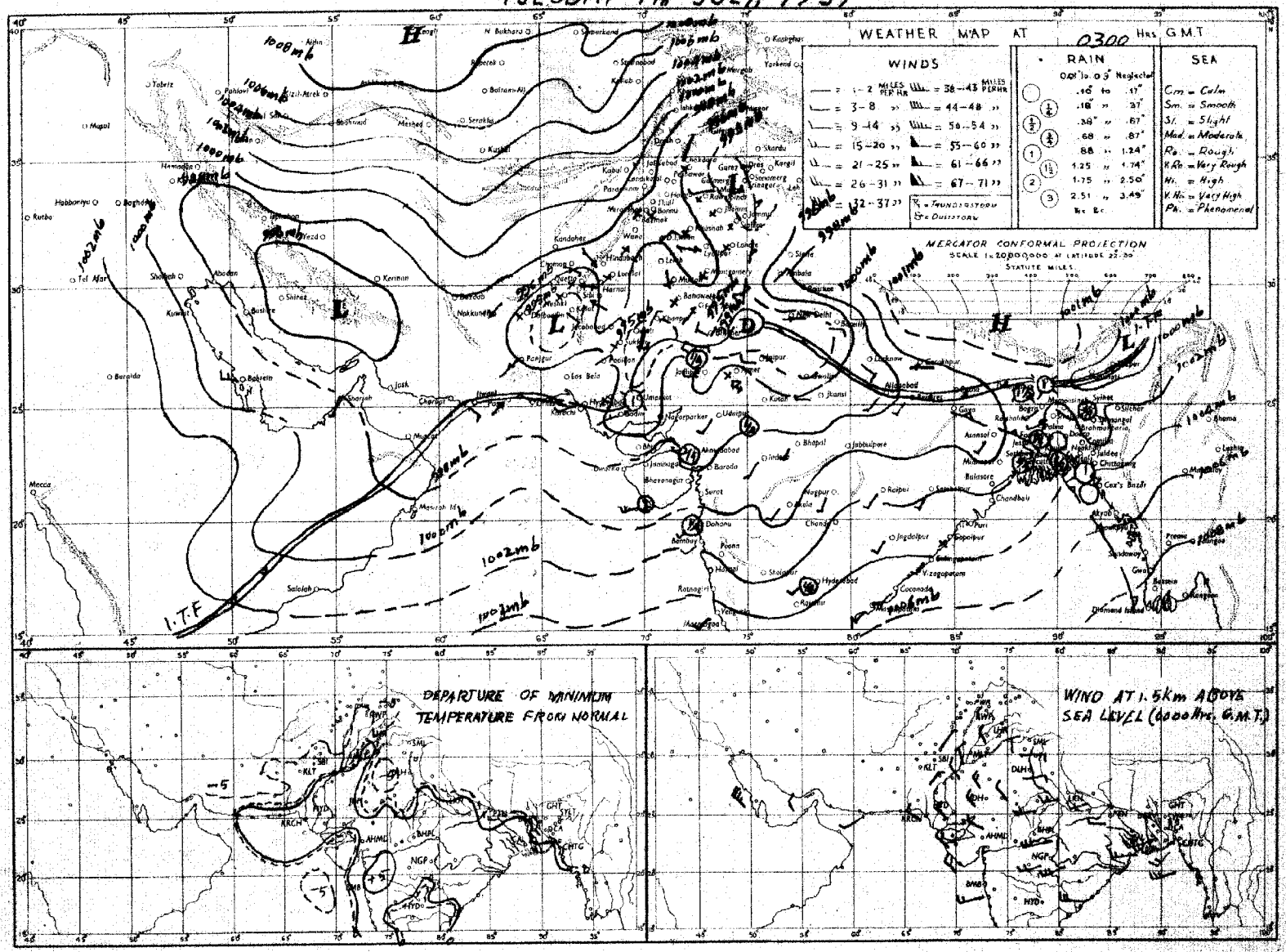
PAKISTAN DAILY WEATHER MAP

TUESDAY 7th JULY, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

WEDNESDAY THE 8th JULY, 1959.

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

Yesterday's shallow depression weakened and now lies as a low over northwest Uttar Pradesh and adjoining areas.
The low over Hyderabad division has become unimportant.
The low pressure wave over Peshawar division is moving away accross Kashmir.
A fresh low pressure wave lies over north Afghanistan and adjoining areas.
Rain/thundershowers have been local in Hyderabad division and scattered in Peshawar division. Scattered light rain has also fallen in Lahore division.
Conditions are becoming unsettled in east central and adjoining north east Bay of Bengal.
Fairly widespread rain/thundershowers have occurred in Dacca and Chittagong divisions and scattered in Rajshahi division.
Chief amounts of rainfall are: Maijdee Court 7", Comilla 4", Chittagong, Brahmanbaria and Faridpur 3" each, Cox's Bazar, Sylhet and Dacca 2" each, Bogra 1", Umerkot 3/4", Srimangal, Mymensingh and Narayanganj ½" each and Sirajganj and Badin ¼" each.
Day temperatures were 4—7 °F below normal over West Pakistan outside south Kalat and Hyderabad divisions and were 3—4 °F above normal in Dacca and Rajshahi divisions

Forecast valid until the evening of 9th July, 1959. Local rain/thundershowers will occur in Peshawar, D. I. Khan, Rawalpindi and Lahore divisions, in Kashmir and in East Pakistan and scattered in Quetta, Multan and Bahawalpur, divisions.

Karachi-11
The 8th July, 1959.

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

OBSERVATIONS

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day																
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	011	9	6	20	05	96	02	6	019	86	4	4	6	4	0	78	81
	Chittagong	006	9	5	16	09	97	21	6	003	82	5	4	5	0	0	78	85
	Maijdee Court	000	9	8	13	09	96	02	2	976	85	2	4	5	2	x	81	88
	Comilla	000	0	8	00	00	96	02	2	994	85	8	4	5	x	x	81	88
	Brahmanbaria	030	0	5	18	02	97	03	0	998	86	3	4	5	0	4	81	89
	Sylhet	004	5	7	00	00	96	61	6	984	85	7	4	5	0	0	79	85
	Srimangal	002	2	4	[illegible]	00	96	03	6	993	86	3	3	5	0	1	77	90
Dacca	Mymensingh	036	0	8	27	02	97	29	2	984	80	8	7	4	x	x	77	91
	Narayanganj	003	9	7	00	00	95	21	2	018	83	4	4	5	7	0	77	91
	Dacca (Tezgaon)	052	2	7	13	02	97	29	9	975	80	2	3	5	7	3	79	91
	Faridpur	125	3	8	18	02	96	02	6	981	80	6	4	6	1	x	79	91
	Barisal	000	0	6	18	02	97	02	2	992	85	6	0	8	7	0	79	89
Rajshahi	Khulna	000	0	6	18	02	97	01	2	987	87	6	5	7	0	0	81	92
	Satkhira	000	0	6	23	03	96	03	2	983	88	6	5	7	0	0	80	93
	Jessore	000	0	4	18	03	97	02	1	981	88	4	4	6	0	0	83	92
	Sirajganj	033	3	8	23	03	98	02	6	965	83	8	7	5	x	x	79	91
	Bogra	112	6	7	00	00	96	02	6	970	82	3	4	6	2	0	80	89
	Dinajpur	000	8	6	00	00	96	02	1	979	86	6	0	9	2	0	81	91
	Rangpur	000	0	7	23	02	96	01	2	xxx	89	7	4	6	0	0	82	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	97	02	0	931	93	1	1	6	[illegible]	0	73	95
	Sialkot	000	0	1	00	00	98	02	0	920	95	1	2	6	0	0	77	95
Rawalpindi	Jhelum	000	0	1	13	02	98	01	0	912	97	1	2	7	0	0	76	97
	Rawalpindi	000	0	1	27	02	99	01	1	921	89	1	2	8	0	0	75	93
	Khushab	000	0	0	13	02	99	00	0	923	97	0	0	9	0	0	71	97
Multan	Lyallpur	000	0	0	00	00	96	00	0	926	96	0	0	9	0	0	71	97
	Montgomery	000	0	0	00	00	96	00	0	932	98	0	0	9	0	0	72	99
	Multan	000	0	0	00	00	98	02	0	922	00	0	0	9	0	0	74	01
Bahawalpur	Leiah	000	0	4	00	00	97	02	0	920	96	4	0	8	4	0	78	99
	Khanpur	000	0	2	34	03	96	03	0	920	02	0	0	9	0	2	73	03
	Bahawalpur	000	0	1	31	01	97	02	0	922	00	0	0	9	0	8	81	[illegible]
	Fort Abbas	300	0	0	05	05	98	00	0	921	98	0	0	9	0	0	75	99
Peshawar	Chakdara	000	0	0	00	00	97	03	0	877	95	0	0	9	0	0	71	95
	Peshawar																	
	Haripur																	
	Campbellpur	000	0	0	13	02	98	00	0	940	94	0	0	9	0	0	77	99
D. I. Khan	Bannu	000	0	0	13	10	99	00	0	905	96	0	0	9	0	9	72	01
	D. I. Khan	000	6	0	00	00	00	98	00	915	94	0	0	9	0	0	83	95
Quetta	Sibi	000	0	0	23	02	99	00	0	915	02	0	0	9	0	0	72	03
Kalat	Nokkundi	000	0	0	34	02	98	02	0	925	00	0	0	9	0	0	25	02
	Turbat	000	0	0	23	02	96	00	0	942	12	0	0	9	0	0	68	12
	Jiwani	000	0	2	23	05	96	01	0	958	90	0	0	9	0	4	80	93
	Pasni	000	0	4	23	17	97	02	0	942	91	0	0	9	0	8	78	96
	Ormara																	
	Las Bela	000	0	3	00	00	98	30	3	892	01	2	0	6	9	4	78	09
Karachi Federal Area & Hyderabad	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Air Port)	000	0	4	23	10	97	03	1	952	89	2	5	6	0	1	79	[illegible]
	Badin	020	3	8	18	02	96	60	2	983	84	8	7	2	x	x	74	00
	Nagarparker	000	0	8	27	03	98	02	1	934	85	8	9	7	x	x	75	89
	Umarkot	000	9	7	23	03	98	02	1	923	01	7	2	6	0	0	79	02
	Hyderabad	000	8	5	23	07	97	03	9	931	01	3	0	9	2	1	77	04
Khairpur	Pad-i-dan	000	0	2	27	05	97	03	0	922	02	1	1	6	0	1	72	03
	Nawabshah	000	0	5	23	03	96	03	2	919	03	2	2	5	0	5	74	03
	Sukkur	000	8	3	00	00	96	03	1	919	03	2	2	7	0	8	76	04
	Kashmore	000	0	0	18	10	99	00	0	xxx	08	0	0	9	0	8	86	xx
	Jacobabad	000	0	1	18	05	97	02	0	920	03	1	1	7	0	0	81	03
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	000	0	2	09	03	98	01	1	056	67	x	x	x	x	x	35	69
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	6	2	29	03	98	01	1	374	73	2	1	4	C	0	61	77
Peshawar	Drosh	000	0	1	23	09	98	03	0	350	94	1	2	7	0	0	44	97
	Cherat	000	0	1	08	01	98	02	0	366	90	x	x	x	x	x	82	90
	Kakul	000	7	2	18	05	98	01	1	377	84	2	2	6	6	0	63	87
	Landi Kotal	000	0	0	00	00	99	00	0	367	94	0	0	9	0	0	39	95
D.I. Khan	Parachinar	000	0	3	13	02	99	02	0	791	82	0	0	9	0	2	74	xx
	Miranshah	000	0	0	05	02	99	00	0	356	97	0	0	9	0	0	58	97
	Wana	000	2	1	13	07	99	03	0	472	88	1	0	9	4	0	58	92
	Fort Sandeman	000	0	0	25	05	98	02	0	405	97	0	0	9	0		42	98
Quetta	Hindubagh	000	0	0	27	02	98	00	0	378	90	0	0	9	0	0	45	[illegible]
	Loralai	000	0	2	13	02	98	02	1	494	89	0	0	9	0	3	86	92
	Harnai	000	0	2	09	02	98	02	0	xxx	xx	x	x	x	x	x	xx	xx
	Quetta	000	0	0	27	02	97	0F	0	408	88	0	0	9	0	0	57	91
	Chaman	000	0	0	27	02	98	02	0	465	95	0	0	9	0	0	27	97
Kalat	Kalat	000	0	0	31	10	97	02	0	421	82	0	0	9	0	0	28	87
	Nushki	000	0	0	18	02	97	02	0	428	08	0	0	9	0	0	35	02
	Dalbandin	000	0	0	25	02	96	02	0	397	01	0	0	9	0	0	25	02
	Panjgur	000	0	0	31	02	98	00	0	422	98	0	0	9	0	9	47	98
Afghanistan	Kabul	000	0	0	32	03	99	00	0	345	78	0	0	9	0	0	66	83
	Kandahar																	

DIVISIONS	STATIONS	At 0300 Hrs. G.M.T. of date																	Departure from Normal of		Rainfall			
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level Pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud Form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form†	Dewpoint temperature °F.	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	176	7	8	20	05	95	61	6	022	77	7	4	6	2	x	77	70	− 5	− 7	33.7	− 7.3	49.6	140
	Chittagong	261	9	8	16	05	96	63	6	008	77	8	7	3	x	x	77	77	− 1	0	33.5	+ 6.5	65.5	108
	Maijdee Court	709	6	8	00	00	93	62	6	010	75	8	7	5	x	x	74	75	+ 2	− 3	44.0	+17.8	65.8	115
	Comilla	360	3	8	00	00	96	63	6	005	76	8	4	4	x	x	75	75	+ 1	− 2	17.5	− 4.9	43.5	94
	Brahmanbaria	298	3	8	18	02	95	63	6	991	78	8	7	3	x	x	77	76	−	−	18.9	+ 0.8	41.7	76
	Sylhet	208	9	8	13	05	94	95	9	989	77	8	7	3	x	x	75	76	−	−	70.1	−	118.1	—
	Srimangal	055	9	8	00	00	94	60	9	995	78	8	3	3	x	x	77	78	0	+ 2	25.6	+ 2.9	59.5	98
Dacca	Mymensingh	050	4	8	00	00	95	60	6	980	81	8	6	3	x	x	80	79	+ 4	+ 1	24.2	+ 0.1	46.3	91
	Narayanganj	063	9	8	00	00	94	61	6	988	81	8	0	8	2	x	80	78	+ 3	− 1	16.9	+ 1.1	38.2	74
	Dacca (Tezgaon)	214	7	8	13	02	95	61	9	981	79	5	9	4	2	x	79	78	−	−	11.0	−	37.5	—
	Faridpur	309	9	8	18	02	96	51	6	999	81	8	7	6	x	x	80	76	+ 3	− 2	12.8	− 3.7	41.0	71
	Barisal	015	4	8	00	00	96	61	6	988	83	9	7	5	x	x	79	80	+ 1	+ 1	24.8	+ 5.4	39.7	81
Rajshahi	Khulna	000	0	8	00	00	96	02	2	992	84	8	5	6	x	x	82	83	+ 4	+ 5	15.1	− 1.1	35.6	68
	Satkhira	000	0	8	00	00	95	03	2	983	85	x	x	x	x	x	81	82	+ 4	+ 4	14.4	− 1.3	32.5	65
	Jessore	000	0	8	18	03	96	03	2	983	83	8	7	5	x	x	82	82	−	−	9.5	− 5.9	25.5	65
	Sirajganj	033	9	8	00	00	98	02	6	961	84	8	4	5	x	x	78	80	+ 4	+ 2	9.4	− 6.2	34.4	64
	Bogra	112	2	8	[illegible]	02	96	93	6	964	81	3	[illegible]	5	5	x	79	81	0	+ 3	10.2	− 7.9	35.2	69
	Dinajpur	000	2	8	00	09	96	02	2	959	84	8	4	7	x	x	80	80	+ 2	+ 2	13.5	− 5.2	30.9	72
	Rangpur	006	0	8	13	02	96	03	5	xxx	83	8	5	6	x	x	80	81	+ 2	+ 3	25.7	+ 2.6	47.6	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	0 0	3	1	00	00	96	01	1	xxx	xx	1	1	6	0	0	75	8	− 6	0	2.4	− 0.5	6.2	19
	Sialkot	608	3	8	00	00	98	02	6	965	77	8	5	6	x	x	73	73	− 4	− 8	12.7	+ 8.1	18.6	32
Rawalpindi	Jhelum	000	1	2	13	05	96	02	0	964	83	1	2	7	3	0	9	78	−	−	7.9	−	18.2	—
	Rawalpindi	000	0	5	09	02	99	01	0	952	86	2	7	8	3	0	74	78	− 6	+ 1	11.8	+ 8.0	24.9	36
	Khushab	000	0	0	00	00	99	00	0	952	91	0	0	9	0	0	75	82	− 7	− 2	7.4	+ 5.6	12.9	15
Multan	Lyallpur	000	0	0	29	02	96	00	0	961	86	0	0	9	0	0	76	81	− 4	− 2	1.4	− 0.5	4.1	12
	Montgomery	000	0	0	00	00	96	00	0	961	87	0	0	9	0	0	77	80	− 5	− 4	0	− 1.8	2.3	10
	Multan	000	0	0	23	02	98	02	0	937	[illegible]	0	0	9	0	0	77	86	− 2	0	2.1	+ 1.0	4.1	7
Bahawalpur	Leiah	000	3	5	18	09	98	03	1	005	84	5	0	8	7	0	80	80	−	−	0.5	−	2.4	8
	Khanpur	000	0	0	25	03	96	02	0	946	88	0	0	9	0	0	80	84	− 4	+ 1	0.2	− 0.7	1.0	6
	Bahawalpur	000	0	0	00	00	99	00	0	950	91	0	0	9	0	0	76	84	− 3	0	0	− 0.8	1.0	6
	Fort Abbas	000	0	0	20	03	98	00	0	950	91	0	0	9	0	0	77	82		−	0	−	0.3	4
Peshawar	Chakdara	000	0	6	00	00	99	03	0	944	80	6	0	8	4	0	68	73	−	−	1.6	−	17.2	—
	Peshawar																							14
	Haripur																							
	Campbellpur	000	0	6	09	02	98	01	2	985	81	6	0	9	3	0	81	62	−	−	4.2	−	18.2	—
D. I. Khan	Bannu	000	0	5	00	00	98	03	0	944	84	5	5	6	0	0	75	80	−	−	6.5	−	13.5	11
	D. I. Khan	000	2	5	05	02	97	03	1	956	82	5	6	8	0	0	76	79	− 9	− 4	5.9	+ 4.8	9.7	10
Quetta	Sibi	000	0	0	00	00	99	00	0	942	89	0	0	9	0	0	76	80	−	−	1.4	−	1.7	—
Kalat	Nokkundi	000	0	0	02	05	98	02	0	970	86	0	0	9	0	0	42	80	−	−	0	−	1.1	2
	Turbat	000	0	0	31	02	95	00	0	994	88	0	0	9	0	0	82	xx	−	−	1.6	−	6.0	—
	Jiwani	000	0	8	00	00	96	02	2	982	88	x	x	x	x	x	80	84	−	−	0	−	5.6	4
	Pasni	000	0	6	00	00	95	05	0	982	86	6	5	7	0	0	81	81	+ 4	+ 3	0	− 0.4	2.5	6
	Ormara																							6
	Las Bela	000	0	0	00	00	98	00	0	985	85	0	0	9	0	0	79	85	−	−	0	−	0.2	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	12	96	03	1	980	87	6	6	4	0	0	80	83		+ 1	−	−	−	8
	Karachi (Air Port)	000	0	2	27	07	96	01	1	985	85	2	5	6	0	0	78	84	−	−	7.7	−	8.0	−
	Badin	020	9	8	23	02	96	03	6	992	83	8	0	7	2	x	79	83	+ 4	+ 1	1.1	− 0.9	1.1	9
	Nagarparker	000	0	8	23	05	97	02	2	972	83	8	7	7	x	x	77	75	−	−	2.4	−	2.4	−
	Umarkot	075	0	8	20	07	98	02	6	965	81	8	0	9	1	x	79	77	−	−	2.7	−	3.5	−
	Hyderabad	000	0	5	23	10	97	01	9	968	84	1	5	6	2	8	77	83	+ 4	+ 1	2.2	+ 1.4	2.9	7
Khairpur	Pad-i-dan	000	8	0	16	07	97	02	0	946	86	0	0	9	0	0	78	88	−	−	3.5	−	3.8	—
	Nawabshah	000	0	0	18	07	96	02	0	947	87	0	0	9	0	0	75	82	−	−	1.9	−	2.6	—
	Sukkur	000	9	1	00	00	96	02	0	947	87	0	0	9	0	5	79	83	−	−	0.8	−	1.8	4
	Kashmore	000	0	0	18	07	99	00	0	xxx	93	0	0	9	0	0	63	83	−	−	0.2	−	1.2	—
	Jacobabad	000	9	1	18	03	96	03	0	944	87	0	0	9	0	1	80	84	− 7	− 1	3.1	+ 2.7	3.8	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar	000	0	0	00	00	98	00	1	068	55	0	0	9	0	0	30	45	−	−	−	−	−	—
	Aliabad																							
	Gilgit																							5
Rawalpindi	Murree	000	3	8	27	03	55	03	4	415	60	8	9	3	x	x	59	59	+ 2	0	16.5	+ 9.8	41.7	59
Peshawar	Drosh	000	6	3	00	00	98	03	5	406	79	3	2	7	0	0	57	72	+ 1	0	1.0	−	30.1	18
	Cherat	000	0	2	18	01	98	01	0	393	76	2	0	9	2	0	70	72	0	0	2.5	+ 1.0	12.6	29
	Kakul	010	1	7	36	14	95	95	9	414	72	7	3	6	0	0	63	70	−	−	14.6	−	33.4	—
	Landi Kotal	000	0	2	05	03	99	03	0	401	81	0	0	9	0	2	66	xx	−	−	1.8	−	16.9	—
D.I. Khan	Parachinar	0 0	0	2	00	00	99	01	0	793	72	2	0	9	6	0	59	xx	−	−	6.4	−	20.4	29
	Miranshah	000	0	0	00	00	99	00	0	393	82	0	0	9	0	0	67	76	−	−	4.0	− 0.2	4.0	13
	Wana	...	...	...		...			...	...	...	...	...	...	...		...	...	−					—
	Fort Sandeman	000	[illegible]	0	23	03	98	02	0	405	77	0	0	9	0	0	65	73	− 3	− 2	1.4	+ 0.3	10.1	11
Quetta	Hindubagh	000	0	0	25	03	98	00	0	367	78	0	0	9	0	0	48	77	−	−	0.9	−	9.0	—
	Loralai	000	0	0	00	00	98	00	0	455	72	0	0	9	0	0	66	60	−	−	3.8	−	8.6	—
	Harnai	000	0	0	27	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	−	−	1.1	+ 0.1	5.4	14
	Quetta	000	0	2	03	02	96	02	0	403	72	0	0	9	0	2	55	58	−	−	1.1	+ 0.9	6.7	8
	Chaman	000	0	0	13	02	98	02	0	416	78	0	0	9	0	0	37	70	− 5	− 6	0.1	+ 0.1	6.2	7
Kalat	Kalat	000	0	0	00	00	98	02	0	422	72	0	0	9	0	0	36	57	− 4	− 5	0	− 0.3	5.3	9
	Nushki	000	0	0	31	02	98	02	0	444	82	0	0	9	0	0	39	76	−	−	0.3	−	2.1	—
	Dalbandin	000	0	0	00	00	96	02	0	407	80	0	0	9	0	0	25	69	− 7	− 6	0	0	2.1	5
	Panjgur	000	0	4	05	02	98	03	0	425	77	5	0	9	6	0	31	73	− 5	− 3	0.2	−	1.9	4
Afghanistan	Kabul	000	0	0	36	02	99	00	0	461	69	0	0	9	0	0	50	53	−	−	−	−	−	12
	Kandahar																							—

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 8th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN				YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O $T_s T_s T_d T_d$	$I_w d_w d_w P_w H_w$
1				2	3	4	5	6	7	8	9	10	11
ARABIAN SEA													
Nichyumaru	...	...	...	33 181	676 00	8 27 26	95 02 2	988 82	86 4 xx	34 78 3	...	...	...
Shinsomaru	...	...	...	33 146	706 00	8 25 33	96 02 8	060 82	87 5 xx	72 40 0	...	...	...
Himyimaru	...	...	...	33 238	638 00	3 36 01	92 45 4	996 84	33 8 00	35 40 1	...	0 81 87	
Sindhu	...	...	...	33 190	589 00	9 20 18	97 05 4	992 77	9x 0 xx	14 70 5	...	0 51 75	1 20 57
Mohemadi	...	...	...	33 223	638 00	5 21 15	97 01 2	975 82	53 7 00	55 30 0	...	0 02 79	1 21 33
Mozaffari	...	...	...	33 168	566 00	0 24 20	97 01 1	017 81	00 9 00	64 10 4	...	0 52 77	1 24 47
Berenice	...	...	...	33 231	594 03	9 99 02	95 06 4	972 88	9x 0 xx	75 11 4	...	0 54 79	1 00 x0
Vellecia	...	...	...	33 227	606 06	0 16 07	97 10 0	983 86	00 9 00	44 40 0	...	0 56 80	1 16 54
Beranice	...	...	...	33 235	589 06	7 99 01	94 06 2	980 90	9x 0 xx	75 20 4	...	0 52 82	1 00 x0
Dumra	...	...	...	33 211	697 06	8 25 24	98 58 8	990 81	77 5 7x	75 21 5	...	0 51 80	1 28 33
Himejimaru	...	...	...	33 233	651 06	6 23 06	97 03 1	983 86	56 5 10	35 71 3	...	0 00 86	...
Malika	...	...	...	33 166	622 12	8 23 14	97 02 1	027 81	55 5 1x	23 20 8	...	...	
Shinsumaru	...	...	...	33 152	695 12	8 27 30	96 02 8	055 84	86 5 xx	73 71 8	...	...	
Beranice	...	...	...	33 247	579 42	9 31 12	95 07 4	959 91	9x 0 xx	75 74 4	...	0 52 84	1 31 31
Beranice	...	...	...	33 255	574 15	7 23 18	95 07 4	959 88	9x 0 xx	75 30 0	...	0 53 79	1 31 22
Kohomaru	...	...	...	33 160	673 18	8 23 13	96 02 2	040 81	74 4 00	75 52 0	...	0 00 81	1 23 44
Dumra	...	...	...	33 232	677 18		97 02 2	988 81	82 6 xx	75 10 4	...	0 52 79	1 22 32

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	997 265 252	Misda	...		...					...	...	...	...
Lahore ...	00 00	972 272 252	...	...	380 175 999	...	003 088 999	263 028 999	717 540 999	459 615 999	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...	01 00	823 178 018	Misda	...		...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	Misda	...	...	...	...		...	...	...	...	...
Jiwani ...													
Karachi ...	00 00		Misda	...	...	...	...	...	...	...		...	...
Lahore ...	00 00	365 632 999		...	...	...	...	...	...	...	365 632 999	...	...
Multan ...													
Peshawar ...													
Quetta ...	01 00	...	Misda	...	...	...	...	...	...	...	...	...	...

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

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

UPPER WIND DATA*

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

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

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.
STATION (At 0600 hrs. G.M.T. of date (dd ff))	17	18	19	20	21	22	23	24	25	26	
Bogra	21 09	22 08	...	...	...	...	...	...	...	...	
Chaklala	...	...		...	...	...	...	...	...	...	
Chhor		...	...	...	...	...	...	...	...	...	
Chittagong	No	Ascent		...	...	...	...	...	...	...	
Cox's Bazar	21 08	23 13	25 21	...	...	...	...	...	...	...	
Dacca	No	Ascent									
Dalbandin	...	...	23 01	06 04	36 05	02 03	26 03	33 11	35 05	01 14	04
D.I.Khan	...	...	...					...	...		
Drosh	...	...	...		07 03	02 04	36 12				
Fort Sandeman	...	...	...	28 02	30 40	28 15	31 07	33 19	31 14	34 12	31
Jacobabad	20 01	14 03	23 04	34 04	34 02	25 06	28 08	28 05	30 05	...	
Indore	No	Ascent									
Jhelum	18 02	29 04	31 09	31 13	32 18	33 14	33 28	32 17	31 17	28 20	29
Jiwani	23 04	24 05			...		...	...	...	...	
Karachi	26 12	22 17									
Khanpur	23 10	22 10	23 18	21 12	28 18	30 10	13 04	32 15	07 19	28 15	
Lahore	15 06	13 09	04 08	33 09	32 15	34 17		...		...	
Multan	17 08	17 01	17 08	16 06	26 08	28 10	31 16	07 17	36 13	...	
Muscat	...		...	...	...	...	...		...	...	
Panjgur	...	...	...	...	...	...	...	...		...	
Peshawar	...	...	...	...			...			...	
Quetta	...		...	...	30 04	24 06	34 01	34 03	34 02	32 [illegible]	
Sharjah	...	...	...	...	...	...		...	...	...	
Sylhet	No	Ascent	...	...	...	...	...	...	...		
Veraval	...	...	...	...	...	...	...	...	...		

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

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

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

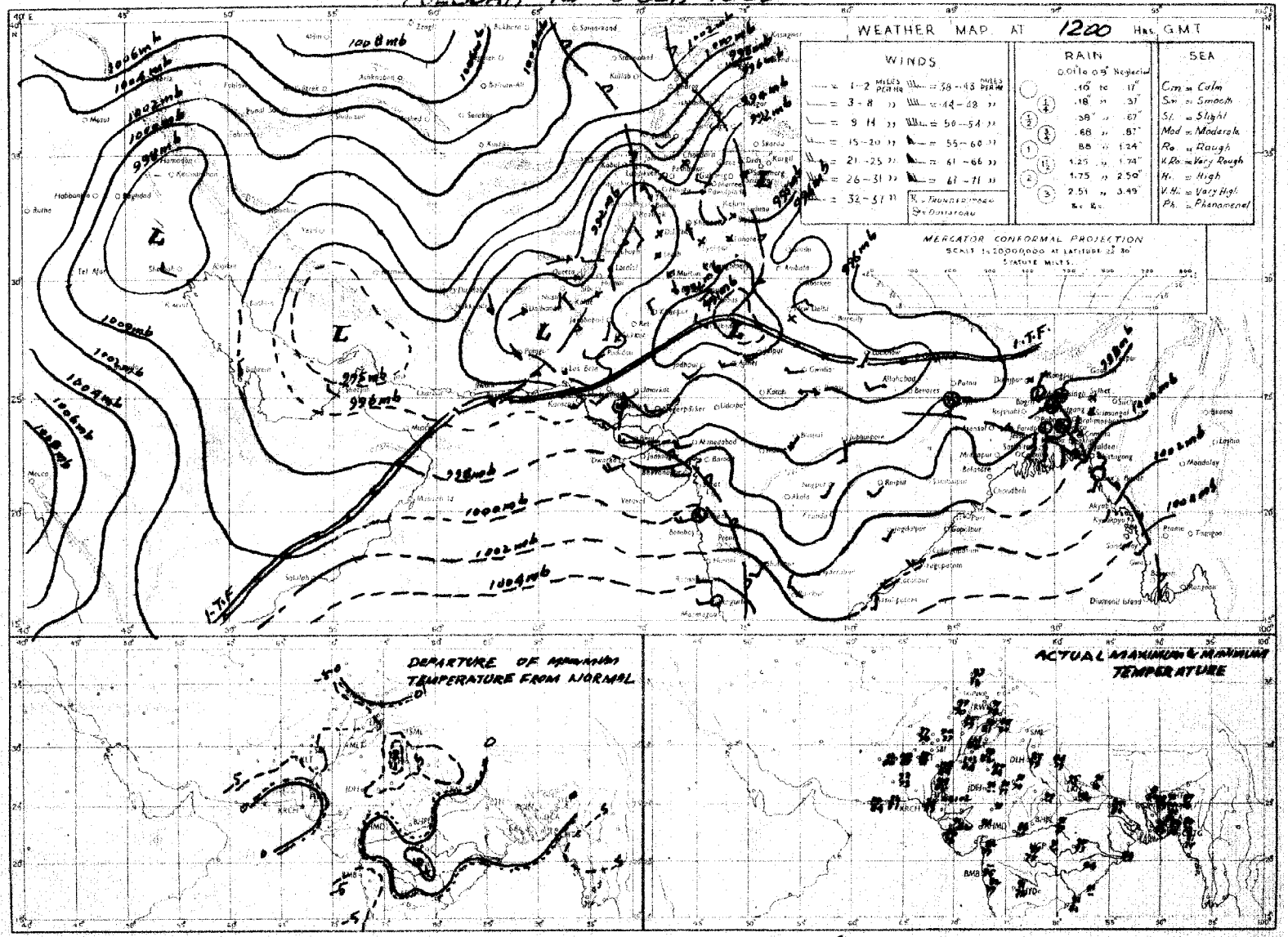
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv,v, etc.)

The accuracy of individual entries in this report can not be guaranteed. Corrections can be obtained if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI 33.

PAKISTAN DAILY WEATHER MAP

TUESDAY, 7th JULY, 1959.



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

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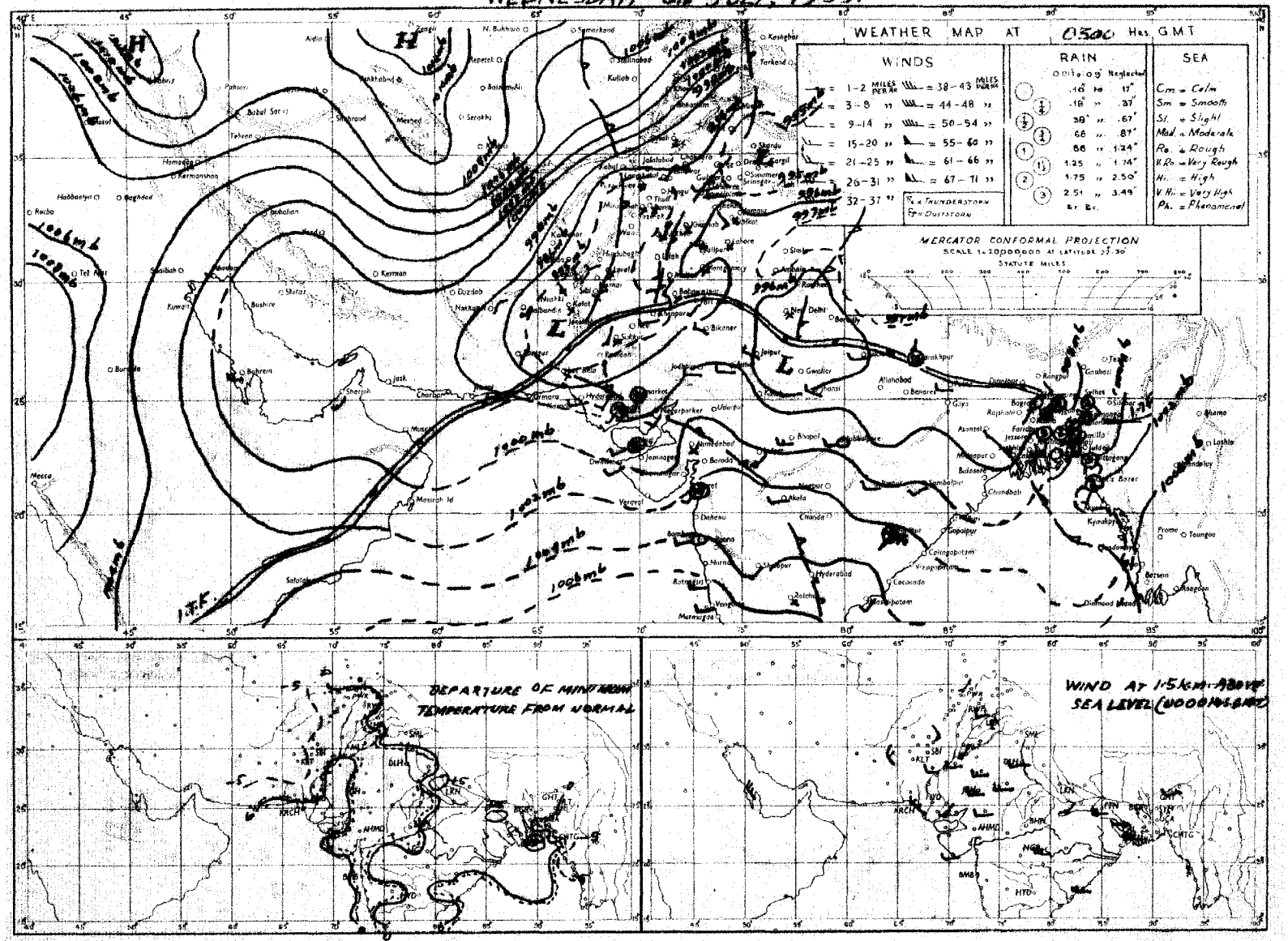
PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 8th JULY, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 9th JULY, 1959.

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

Reg. No.S-1457
Volume No. 13

Yesterday's low over northwest Uttar Pradesh has become unimportant.

The low pressure wave over north Afghanistan is moving across north of Kashmir.

Scattered thundershowers have occurred in Rawalpindi and Peshawar divisions.

Conditions continue unsettled in east central and adjoining north Bay of Bengal.

Widespread rain has fallen in East Pakistan.

Chief amounts of rainfall are: Brahmanbaria and Khulna 4" each, Cox's Bazar, Maijdee Court, Chittagong and Satkhira 3" each, Faridpur and Dinajpur 2" each, Comilla 1¼", Sylhet and Mymensingh 1" each, Barisal and Sirajganj 3/4" each, Srimangal, Narayanganj, Dacca, Jessore, Bogra and Rangpur ½" each.

Day temperatures were 3—8 °F below normal in north Kalat, Quetta, D. I. Khan, Rawalpindi and Lahore divisions and in East Pakistan.

Forecast valid until the evening of 10th July, 1959. Rain/thundershowers will be fairly widespread in Chittagong division and local elsewhere in East Pakistan. Scattered thunderstorms/showers will occur in Peshawari and Rawalpindi divisions and Kashmir.

Heavy Rainfall Warning: Locally moderate to heavy rain will fall in Chittagong division during next 24 hours.

Karachi-11
The 9th July, 1959.

OBSERVATIONS

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

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature of	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 °F	Departure from Normal of: Maximum Temperature	Minimum Temperature	Rainfall: Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
		3	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	273	9	8	16	05	95	61	6	981	57	7	4	5	2	2	x	73	84	282	9	3	11	05	97	01	6	989	82	1	4	7	5	2	79	75	— 2	— 2	36.5	— 4.9	52.4	140
	Chittagong	298	9	8	18	02	97	01	6	971	78	8	4	5	x	x	x	77	86	298	9	1	13	05	97	01	6	957	84	1	1	7	0	0	76	76	— 6	— 1	36.4	+ 2.6	68.1	109
	Maijdee Court	175	9	8	18	02	94	02	6	968	81	8	4	5	x	x	x	78	83	175	9	4	18	02	97	01	2	956	84	2	1	6	2	0	76	75	— 3	— 3	44.7	+17.9	67.6	115
	Comilla	0.16	6	8	00	00	96	02	6	953	81	8	4	5	x	x	x	78	81	150	5	4	00	00	97	02	6	960	85	8	4	5	x	x	79	75	— 6	— 2	19.1	— 3.9	45.0	94
	Brahmanbaria	409	8	8	00	00	96	03	6	957	80	8	7	3	x	x	x	79	81	409	8	8	18	03	97	03	6	938	85	3	4	5	x	x	79	76	—	—	23.0	+ 5.5	45.8	76
	Sylhet	046	8	8	00	00	96	02	9	957	81	8	7	4	x	x	x	78	81	098	9	8	00	00	96	01	6	962	84	4	2	6	4	0	78	78	—	—	71.1	—	119.1	
	Srimangal	041	8	6	00	00	96	03	6	956	84	4	3	4	0	2	78	87	046	9	3	00	00	97	03	6	964	86	3	4	5	0	0	75	77	— 3	+ 1	36.1	+ 2.9	60.0	98
Dacca	Mymensingh	057	8	8	00	00	98	02	6	954	80	8	4	5	x	x	x	77	82	089	2	8	00	00	95	60	6	963	80	8	6	4	3	x	80	73	— 5	— 5	25.1	+ 2.4	47.2	91
	Narayanganj	060	9	8	18	02	94	01	6	956	80	7	7	4	7	x	x	79	83	060	9	7	09	03	95	03	6	950	85	7	4	5	x	x	79	xx	— 5	—	17.5	+ 1.3	48.8	74
	Dacca (Tezgaon)	055	9	8	00	00	97	24	6	942	81	4	7	4	7	x	x	79	82	063	6	7	13	03	98	03	6	949	83	6	4	5	8	0	80	79	—	—	11.6	—	38.1	—
	Faridpur	152	8	8	18	02	95	60	6	956	80	8	4	5	x	x	x	79	86	177	9	8	00	00	96	51	6	948	79	8	7	5	x	x	78	76	— 2	— 2	14.5	— 2.1	42.7	71
	Barisal	072	4	8	00	00	97	03	6	960	82	8	0	5	4	x	x	78	85	080	7	7	00	00	97	03	6	946	87	5	0	8	4	2	80	80	— 3	+ 1	25.6	+ 5.7	40.5	81
Rajshahi	Khulna	041	4	8	00	00	95	02	5	955	83	8	5	6	x	x	x	82	84	101	5	7	00	00	95	01	6	949	83	7	5	5	0	0	80	77	— 4	— 1	19.1	+ 2.4	39.8	68
	Satkhira	000	0	8	00	00	95	03	2	955	84	x	x	5	x	x	x	84	85	267	0	8	00	00	94	03	6	951	76	x	x	x	x	x	79	75	— 4	— 3	17.1	+ 0.9	35.2	65
	Jessore	057	9	8	18	02	97	50	9	933	80	8	7	5	x	x	x	82	85	057	2	8	23	03	96	03	6	951	80	8	7	5	x	x	78	78	—	—	10.1	— 5.7	38.1	65
	Sirajganj	045	5	8	18	02	97	50	9	933	80	8	7	4	x	x	x	78	86	087	2	8	09	02	96	51	5	933	79	8	7	5	x	x	78	78	— 2	0	10.2	— 5.3	32.3	64
	Bogra	041	3	8	00	00	96	61	9	924	79	8	6	7	4	2	x	78	86	049	9	8	00	00	96	01	6	948	81	3	7	5	2	0	77	77	— 3	— 1	10.7	— 7.0	35.7	69
	Dinajpur	000	8	8	00	00	96	61	2	923	85	8	4	7	x	x	x	80	88	242	2	8	00	00	96	02	6	931	81	8	4	7	x	x	77	80	— 1	+ 2	14.0	+ 3.5	33.3	72
	Rangpur	051	6	8	13	02	96	61	2	xxx	77	8	5	6	x	x	x	80	88	067	2	8	09	02	96	01	5	xxx	81	8	5	6	x	x	80	76	0	— 2	26.3	+ 3.6	48.2	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	7	3	23	02	97	03	1	912	91	1	1	6	0	9	0	72	97	000	0	1	13	00	96	01	0	908	91	1	2	1	9	4	0	75	83	— 4	— 3	2.4	— 8.7	6.2	19
	Sialkot	000	2	5	23	02	97	03	1	916	91	5	7	6	0	9	0	78	92	000	0	2	00	00	98	01	0	900	88	2	0	1	9	4	0	80	77	— 7	— 4	12.7	+ 7.9	18.6	32
Rawalpindi	Jhelum	000	0	6	4	00	00	98	02	907	92	4	0	9	3	9	0	72	95	000	0	1	00	00	98	03	0	908	89	1	0	9	9	3	0	75	80	—	—	7.9	—	18.2	—
	Rawalpindi	000	0	6	18	02	98	02	2	921	92	4	0	9	7	9	7	75	93	000	0	1	00	00	98	02	0	906	85	1	0	9	8	0	70	77	— 6	0	11.8	+ 7.8	34.9	36
	Khushab	000	0	0	18	03	99	00	0	925	97	0	0	9	0	0	0	73	97	000	0	1	6	00	00	99	02	5	929	83	1	6	2	6	0	69	79	— 7	— 4	7.4	+ 5.1	12.9	15
Multan	Lyallpur	000	0	2	18	02	96	01	0	909	00	2	0	9	1	0	0	71	01	000	0	7	00	00	96	02	0	904	86	7	3	8	9	0	0	75	84	— 2	— 1	1.4	— 0.7	4.1	12
	Montgomery	000	0	0	00	00	96	04	0	921	01	0	0	9	0	0	0	76	02	000	0	7	00	00	96	00	0	907	88	7	0	9	9	0	0	81	85	— 2	— 1	0.2	— 1.1	2.3	10
	Multan	000	0	0	00	00	98	04	0	900	03	0	0	9	0	0	0	74	03	000	0	6	23	05	96	07	0	901	87	0	0	9	9	0	0	79	87	— 0	+ 2	2.1	+ 1.8	4.1	7
Sahiwal-pur	Leiah	000	0	7	18	07	97	03	2	903	98	2	2	7	1	0	0	82	01	000	0	0	00	00	96	05	1	xxx	90	0	0	0	9	0	0	87	83						
	Khanpur	000	0	2	27	03	96		0	897	07	2	0	9	9	0	0	75	93	000	0	0	25	07	96	02	0	915	85	0	0	0	9	0	0	76	82	—	—	0.5	—	3.4	8
	Bahawalpur	000	0	0	23	01	97		0	903	08	0	0	9	9	0	0	72	97	000	0	0	03	12	96	08	0	911	87	0	0	0	9	0	0	75	86	— 2	— 2	0.2	—	1.8	6
	Fort Abbas	000	0	0	23	07	98		0	895	06	0	0	9	9	0	0	66	07	000	0	0	23	14	96	07	3	914	88	0	0	0	9	0	0	75	85	—	— 2	0	— 0.9	1.0	4
Peshawar	Chakdara	000	0	7	00	00	95	03	1	893	93	7	0	8	6	3	1	72	96	000	0	2	00	00	99	03	0	917	84	2	1	1	7	0	0	68	73						
	Peshawar	000	0	6	18	00	98	03	1	889	96	4	4	5	6	7	0	74	95	000	0	1	31	03	xx	xx	0	917	84	1	1	1	7	0	0	69	75	— 4	— 5	1.6	—	17.2	—
	Haripur	000	3	4	23	02	97	02	1	895	94	4	5	6	7	0	0	74	95	014	8	0	45	02	97	02	6	895	80	0	0	0	9	0	0	70	68	—	—	—	—	—	14
	Campbellpur	000	9	7	16	14	98	03	2	910	96	7	0	9	7	0	0	81	99	000	0	2	03	02	96	02	0	907	80	0	0	0	9	0	0	73	60	4	2	—	—	—	—
D. I. Khan	Bannu	000	0	2	7	16	01	99	02	0	899	95	2	7	0	9	6	0	0	72	97	000	0	1	00	05	01	99	02	0	897	87	1	0	0	9	9	8	4	0	79	81	—	—	6.5	—	13.5	11
	D. I. Khan	000	6	7	00	00	97	03	0	889	96	7	7	8	0	0	0	82	98	000	2	4	00	00	98	01	1	895	87	4	0	0	9	4	0	79	81	— 6	— 2	5.9	+ 3.7	9.7	10
Quetta	Sibi	000	0	0	23	02	99	00	0	896	06	0	0	9	0	0	0	61	07	000	0	0	00	00	99	00	0	912	87	0	0	0	9	0	0	75	78						
	Nokkundi	000	0	0	34	02	99	02	0	925	00	0	0	9	0	0	0	52	02	000	0	0	34	02	98	02	0	947	85	0	0	0	9	0	0	51	81	—	—	1.4	—	1.7	5
	Turbat	000	0	0	31	02	96	00	0	921	14	0	0	9	0	0	0	59	15	000	0	0	23	03	98	00	0	925	00	0	0	0	9	0	0	81	xx	—	—	1.6	—	1.1	3
	Jiwani	000	0	0	31	02	96	04	0	921	91	0	0	9	0	0	0	79	95	000	0	5	25	03	95	05	1	943	86	5	5	0	9	0	0	80	85	—	—	0	—	6.0	4
Kalat	Pasni	000	0	3	28	21	95	05	0	942	91	2	5	7	5	0	0	81	95	000	0	4	25	07	95	05	0	960	87	4	5	0	9	0	0	80	85	+ 3	+ 7	0	— 0.4	2.5	6
	Ormara	000	0	0	00	00	98	00	0	895	02	0	0	9	0	0	0	78	97	000	0	0	00	00	98	00	0	941	86	0	x	0	9	0	0	78	84	—	—	0	—	0.2	8
	Las Bela																																								
Karachi & Hyderabad	Karachi (Manora)	000	0	6	25	16	95	05	2	951	88	6	5	6	4	0	0	80	92	000	0	7	25	16	96	03	2	959	86	7	6	5	4	0	0	81	82	+ 1	— 0	4.3	+ 3.2	4.3	8
	Karachi (Air Port)	000	0	5	27	14	96	02	1	952	90	5	5	5	9	0	0	75	92	000	0	6	23	02	96	01	0	959	85	6	6	5	9	0	0	76	79	—	—	7.7	—	8.0	9
	Badin	000	0	0	23	05	97	00	0	947	92	0	0	9	0	0	0	74	95	000	0	0	23	02	96	00	0	945	84	1	0	0	9	2	0	77	81	— 4	— 1	1.1	— 1.9	1.1	9
	Nagarparkar	000	0	0	23	03	96	00	0	943	93	0	0	9	0	0	0	77	96	000	0	0	23	02	96	00	0	935	85	0	0	0	9	0	0	78	80						
	Umarkot	000	0	0	23	14	98	00	0	929	95	0	0	9	0	0	0	77	96	000	0	0	23	12	98	00	0	939	82	0	0	0	9	0	0	76	81	— 2	— 7				
	Hyderabad	000	0	0	23	12	96	07	0	931	95	0	0	9	0	0	0	75	00	000	0	0	23	19	96	07	0	936	85	0	0	0	9	0	0	74	83	— 0	+ 1	2.2	+ 1.3	2.9	7
Khairpur & Sukkur	Padidan	000	0	1	18	05	97	01	0	905	97	0	0	9	0	1	0	61	09	000	0	0	16	07	94	02	0	910	88	0	0	0	9	0	0	73	82						
	Nawabshah	000	0	2	18	07	96	02	0	915	01	0	0	9	0	2	0	70	06	000	0	0	18	03	96	01	0	921	87	0	0	0	9	0	0	75	84	—	—	3.5	—	3.8	7
	Sakkar	000	6	0	00	96	96	00	0	903	06	0	0	9	0	0	0	73	07	000	3	0	00	00	96	01	0	905	84	0	0	0	9	3	0	75	82	—	—	1.9	—	2.8	4
	Kashmore	000	0	0	18	14	99	02	0	xxx	xx	0	0	8	9	0	0	84	xx	000	0	0	18	10	99	00	0	xxx	xx	0	0	0	9	0	0	77	xx	—	—	0.8	—	1.2	4
	Jacobabad	000	0	9	18	05	96	02	0	891	06	0	0	9	0	0	0	84	07	000	0	0	13	03	96	02	0	908	87	0	0	0	9	0	0	81	85	— 3	0	3.1	+ 2.7	3.8	4
Jagadh Bahawal-pur	Veravel																																								
	Jalalabad																																								20
Muscat & Oman	Muscat																																								4
	Kuwait																																								
Kashmir	HILL STATIONS																																								26
	Srinagar																																								71
	Gulmarg																																								26
	Sonamarg																																								3
	Drus																																								6
	Leh																																								5
	Skardu																																								59
	Minjer																																								18
	Allshed																																								29
	Gilgit																																								13
Rawalpindi	Murree	002	7	7	31	05	96	02	9	3 9	71	7	9	3	0	0	0	69	75	002	9	0	23	03	98	00	1	371	67	0	0	0	9	0	0	57	60	0	+ 1	16.5	+ 9.5	41.7	59
	Drosh	000	0	5	10	98	01	0	1	339	91	1	2	6	7	0	0	73	98	000	0	0	00	00	98	02	0	371	81	0	0	0	9	0	0	53	69	— 1	— 3	1.0	—	30.1	18
	Chorat	000	0	5	18	03	97	03	1	349	93	3	6	7	0	0	0	74	98	000	0	0	00	00	98	02	0	344	74	0	0	0	9	0	0	67	71	— 2	— 1	2.5	+ 0.8	12.6	29
	Kakul	000	0	3	4	23	06	97	02	370	83	4	4	6	0	0	0	64	88	000	0	0	00	00	98	01	0	374	76	0	0	0	9	0	0	64	69			14.7		33.5	—
	Landi Kotal	000	0	1	31	02	99	01	0	359	74	3	0	9	5	0	0	63	xx	000	0	0	00	00	99	02	0	362	83	2	0	0	7	0	0	38	xx	—	—	1.8	—	16.9	—
Khan	Parachinar	000	0	3	18	07	99	03	0	791	83	3	0	9	8	6	0	67	xx	000	0	0	00	00	99	02	0	790	72	0	0	0	7	0	0	46	xx	—	—	6.4	—	20.4	39
	Miranshah	000	0	4	05	02	99	03	0	362	91	4	0	9	8	6	0	67	94	000	0	0	00	00	99	00	0	347	84	0	0	0	7	0	0	65	78	—	— 0.3	1.0	— 4.8	16.9	15
	Wana	000	0	2	27	07	98	02	0	372	88	0	0	9	6	6	0	64	98	000	0	0	00	00	98	02	0	372	76	0	0	0	7	0	0	62	69						
	Fort Sandeman	000	0	3	18	02	98	02	0	403	99	0	0	9	0	0	0	48	08	000	0	0	20	02	98	02	0	405	79	0	0	0	7	0	0	54	73	— 1	— 2	1.4	— 0.1	10.1	11
	Hindubagh	000	0	0	29	04	98	02	0	361	89	0	0	9	0	0	0	48	90	000	0	0	25	04	98	03	0	350	77	0	0	0	7	0	0	45	76			0.9		9.0	—
	Loralai	000	0	3	13	02	98	02	1	364	91	0	0	9	3	0	0	80	93	000	0	0	27	02	98	02	0	397	70	0	0	0	7	0	0	60	67			3.8		8.6	—
	Harnai	000	0	4	09	02	98	02	0	xxx	xx	0	0	9	0	0	0	51	90	000	0	0	31	02	96	00	0	xxx	xx	0	0	0	7	0	0	xx	xx			1.1		5.4	14
Quetta Kalat	Quetta	000	0	2	31	02	97	00	0	367	83	0	0	9	0	0	0	32	97	000	0	0	18	02	98	02	0	369	74	0	0	0	7	0	0	51	61		— 0.9	1.1		4.7	8
	Chaman	000	0	0	31	02	98	02	0	362	96	0	0	9	0	0	0	24	96	000	0	0	00	00	98	02	0	364	75	0	0	0	7	0	0	43	68	— 5	— 8	0.1	— 0.1	6.2	7
	Kalat	000	0	0	34	12	97	02	0	376	82	0	0	9	0	0	0	24	96	000	0	0	36	02	97	02	0	386	74	0	0	0	7	0	0	39	53	— 5	— 9	0	— 0.3	5.2	6
	Khokhi	000	0	0	27	02	97	02	0	387	01	0	0	9	0	0	0	37	83	000	0	0	23	03	96	02	0	425	83	0	0	0	7	0	0	41	38	0.2	—	2.1	—	2.1	5
	Dalbandin	000	0	0	20	05	97	02	0	392	03	0	0	9	0	0	0	33	84	000	0	0	00	00	98	00	0	381	79	0	0	0	7	0	0	27	72	0	— 3	0	—	2.1	4
	Panjgur	000	0	0	18	02	98	00	0	420	98	0	0	9	0	0	0	29	99	000	0	0	00	00	98	00	0	415	69	0	0	0	7	0	0	42	66	— 4	— 10	0.2	—	1.9	12
Kalat Quetta	Kalat	000	8	0	18	03	99	00	0	402	78	0	0	9	0	0	0	68	83	000	0	0	00	00	99	00	0	443	67	0	0	0	7	0	0	59	52	—	—	—	—	—	—
	Kandahar																																								

Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 9th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C h_s h_s	O $T_s T_s T_d T_d$	$I_wd_wd_w$ P H_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Velleda	43 302	597 00	8 21 15	98 02 2	985 76	8x 9 xx	54 40 0	...	0 56 74	1 21 21
Sirdhana	43 218	630 00	0 22 18	97 05 4	994 82	1x 4 00	14 11 5	...	0 03 79	1 20 57
Kohomaru	43 170	662 00	3 23 23	96 01 1	010 81	36 4 00	75 40 0	...	0 00 77	1 23 44
City of Capetown	43 225	681 06	4 23 18	96 18 0	994 88	41 5 00	35 11 5	...	0 01 78	1 23 26
[illegible]	43 172	647 06	6 23 13	97 02 2	055 82	62 5 00	23 30 0	...	...	...
Kohomaru	43 178	650 06	8 23 20	96 03 2	020 82	84 4 xx	75 11 0	...	0 00 79	1 23 85
Sirdhana	43 219	631 06	8 22 18	97 05 4	984 86	86 3 xx	14 21 0	...	0 03 81	1 20 57
Dwarka	43 250	633 12	3 18 13	97 02 1	959 86	31 6 00	25 71 6	...	0 81 84	...
Edjele	43 222	600 12	9 20 15	96 05 4	947 84	9x 0 xx	86 70 4	...	0 04 75	1 21 22
Kohomaru	43 186	641 12	8 23 17	96 02 2	990 84	84 4 xx	75 72 0	...	0 04 79	1 23 55
Clan Chattan	43 106	677 18	4 25 18	97 25 1	096 80	43 5 00	74 10 8	...	0 51 76	1 86 84
Dumra	43 249	641 18	7 24 11	xx xxx	967 81	74 7 00	65 22 5	...	0 54 82	1 23 33

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT T$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	993 302 285	...	...	370 125 115	...	003 042 042	245 515 543	681 575 608	190 668 735		—	...	—
Jiwani														
Karachi	00 00	993 288 245		..	430 208 075	...	134 155 028	429 075 505	908 515 572	659 595 655	982 742	265 965	451 088	698 220
Lahore	00 00	967 280 250	...	..	354 242 225	...	033 142 125	309 040 999	770 530 999		...	—	...	...
Multan														
Peshawar														
Quetta	00 00	821 178 072		.	...	...	035 132 718	302 005 662	743 665 999	457 650 999	..		—	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT T$_d$T$_d$T$_d$									Max. Height Reached PPPTTT T$_d$T$_d$T$_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	900 152 148	800 102 102	...	...	...	—		...	...	800 102 102	...	...
Jiwani													
Karachi	00 00	900 228 128	800 202 075	350 645 700	250 835 858	...	—	..	—	—	250 835 858	—	—
Lahore	00 00	560 592 999	330 610 999	—	...	...	...	...	—	...	330 610 999	..	...
Multan													
Peshawar													
Quetta	00 00	800 145 500	750 115 578	716 148 400	...	...	...	...	...	...	716 148 400	...	...

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	No	Ascent	—	...	...	...	...	..	.
Chaklala	...	...	...	...	...	...	...	...	...
Chhor	21 16	22 16	22 16	30 03	31 05	36 07	09 05	28 11	27 13
Chittagong	18 07	19 05	24 05	...	...	...	...		...
Cox's Bazar	No	Ascent	...	...	...	...	...	...	
Dacca	26 07	31 09	31 09	33 12	33 14	32 21	30 17	36 04	27 05
Dalbandin	—	—	24 05	19 06	25 06	31 09	31 09	02 08	03 12
D. I. Khan	—	—	—	..					
Drosh	...	—	—		24 12	22 18	16 12	19 17	24 27
Fort Sandeman			—	28 06	26 07	25 11	24 13	35 17	33 23
Jacobabad	17 08	19 05	20 02	33 03	30 07	25 10	29 10	34 10	33 07
Jessore	19 13	20 05							
Jhelum	23 01	31 04	31 06	30 10	30 05	30 17	28 22	30 30	—
Jiwani	19 11	14 07	08 05	31 08	34 10	36 19	31 13	36 15	06 11
Karachi	25 14	27 10							
Khanpur	24 08	26 06	25 04	26 08	25 07	31 04	27 13	25 12	26 13
Lahore	27 05	27 06	27 05	33 08	33 16	33 16	32 14	29 23	29 24
Multan	23 09	22 09	20 08	16 05	05 03	31 18	27 09	30 19	31 18
[illegible]	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...
Peshawar	...	17 11	17 11	17 07	04 03	30 11	31 41	...	...
Quetta	...	...	...	...	32 06	29 05	33 11	34 11	32 10
Sharjah	...	...	...	...	...	...	...	...	...
Sylhet	23 01	...	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	27 09	27 13	26 13	16 07	11 12	12 11
Chaklala	...	06 07	01 03	27 08	28 09	27 10
Chhor	21 22	23 34	23 41	...	...	...
Chittagong	14 11	14 07	13 07	15 06	08 04	11 14
Cox's Bazar	No	Ascent				
Dacca	15 08	16 02	22 03	21 01	08 06	...
Dalbandin	...	...	28 11	30 15	33 13	35 05
D. I. Khan	...	...	...			
Drosh	...	...		23 05	31 12	26 06
Fort Sandeman	...	...		11 01	27 11	30 21
Jacobabad	16 13	20 10	23 11	28 07	35 06	36 03
Jessore	33 12	34 17	38 15			
Jhelum	12 04	09 06	01 02	30 09	28 17	30 14
Jiwani	20 05	28 04	34 12	30 17	30 18	
Karachi	25 17	26 17	27 19			
Khanpur	21 23	23 17	23 15	24 16	26 31	...
Lahore	17 08	23 06	31 03	30 11	29 13	
Multan	22 18	25 23	25 20	25 15	27 19	30 15
[illegible]	..	...		—	...	...
Panjgur	..	..				
Peshawar	.	33 07	34 10	32 19	32 17	29 18
Quetta	...			...	26 04	28 14
Sharjah		...	..	...	...	
Sylhet	15 09	...	...	...	...	...
Veraval	...	...		..	..	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	No	Ascent			...	...	..	...	...	...	...
Chaklala	...	20 03	29 02	26 01	...	...	...	...	...	...	...
Chhor			...	...	...	...	...	...	...	...	
Chittagong	No	Ascent	...	...	...	...	...	...	...	...	
Cox's Bazar	No	Ascent	...	...	...	...	...	...	...	...	
Dacca	13 07	12 10	12 10	12 20	12 23	13 20	12 19	13 22	11 24	11 19	09 [illegible]
Dalbandin	...	...	25 10	28 09	28 09	25 10	34 07	03 03	06 03	xx xx	34 [illegible]
D. I. Khan	...	...	...	...							
Drosh	...	...	...		03 05	36 10	35 03	04 08	36 07	02 08	34 [illegible]
Fort Sandeman				28 03	27 07	26 11	33 11	32 16	33 17	32 11	30 [illegible]
Jacobabad	10 03	35 05	35 08	30 09	29 06	19 04	01 10	36 12	35 07	31 07	29 [illegible]
Jessore	05 08	06 11	06 14								
Jhelum	03 06	09 03	07 03	34 04	35 10	23 19	30 19	...	...	...	
Jiwani	28 02	27 08	33 07	33 12	33 15	32 19	33 18	...	...	...	...
Karachi	25 21	26 15						...	...	...	
Khanpur	21 19	23 13	23 14	28 13	28 12	28 13	...	...	...	...	
Lahore	16 03	13 03	10 03	34 05	31 10	28 15		...	...	...	...
Multan	22 08	29 10	30 11	31 13	32 10	29 10	...	...	...	...	...
[illegible]	...	..	...	—	...		...	...	...	...	
Panjgur	...	...	...	...	—	..	.		...	...	...
Peshawar	...	...	...	...				...	...	...	...
Quetta	...	...	...	...	28 04	36 04	35 09	33 07	29 06	31 [illegible]8	...
Sharjah											
Sylhet	08 02	08 06	10 10	13 19	12 20	12 20	13 18	...	...	...	...
Veraval	..	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	15 10	20 08	20 04	24 02	30 03	05 08	15 06	13 12	14 12	12 07								...
Karachi	25 24	26 22	27 24	28 26	29 24	31 15	27 11	25 09	31 05	05 11	06 12	07 10	09 18	31 32	13 27	08 25	07 39	...
Peshawar																		
Quetta																		

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

Cloud observation Data (GGiii Cddv,v,etc.)

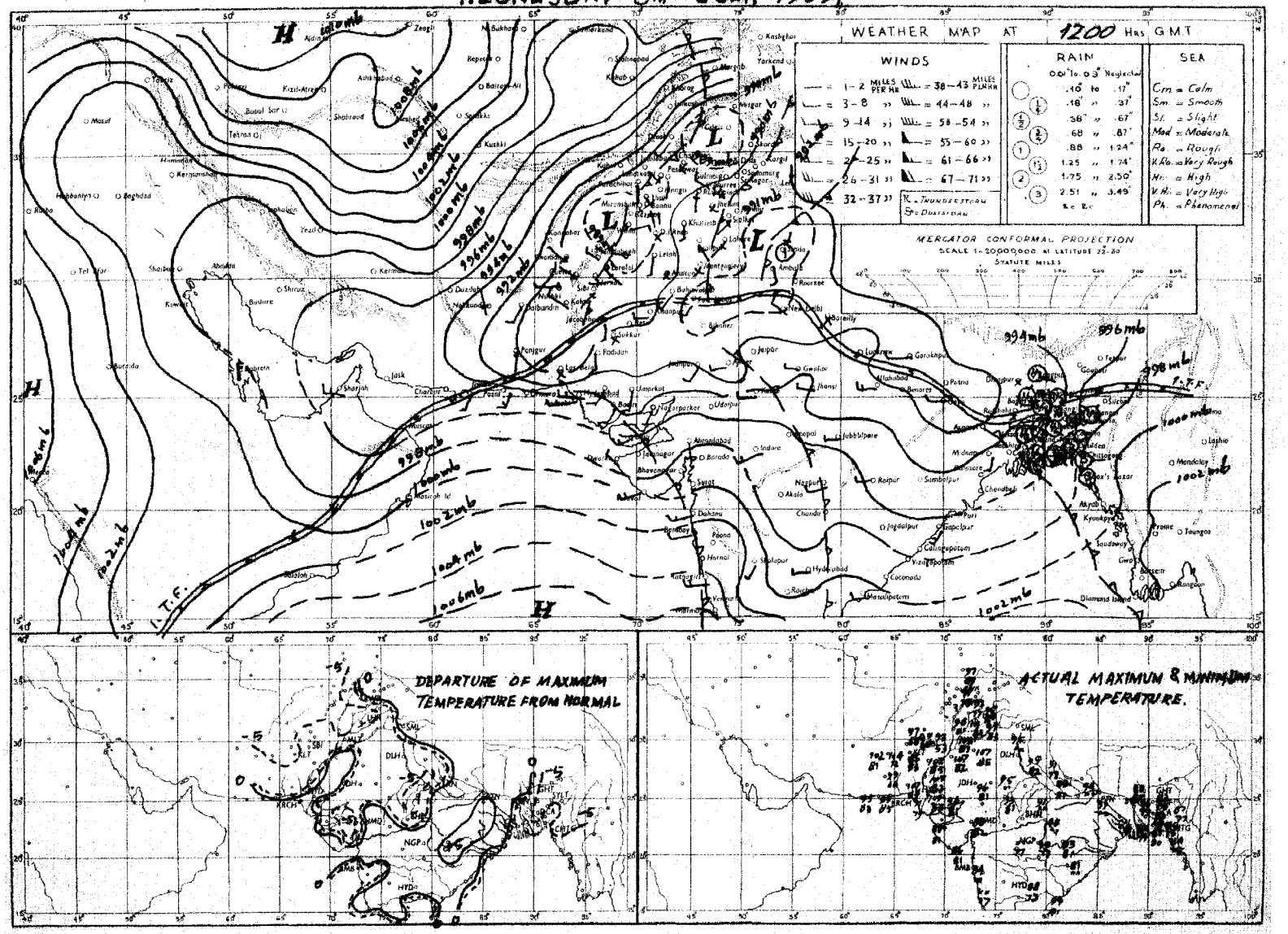
12 598 32 708

06 598 33 025

The accuracy of individual entries in this report can not be guaranteed. Corrections can be obtained if necessary on application to the Meteorologist ...

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 8th JULY, 1959



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

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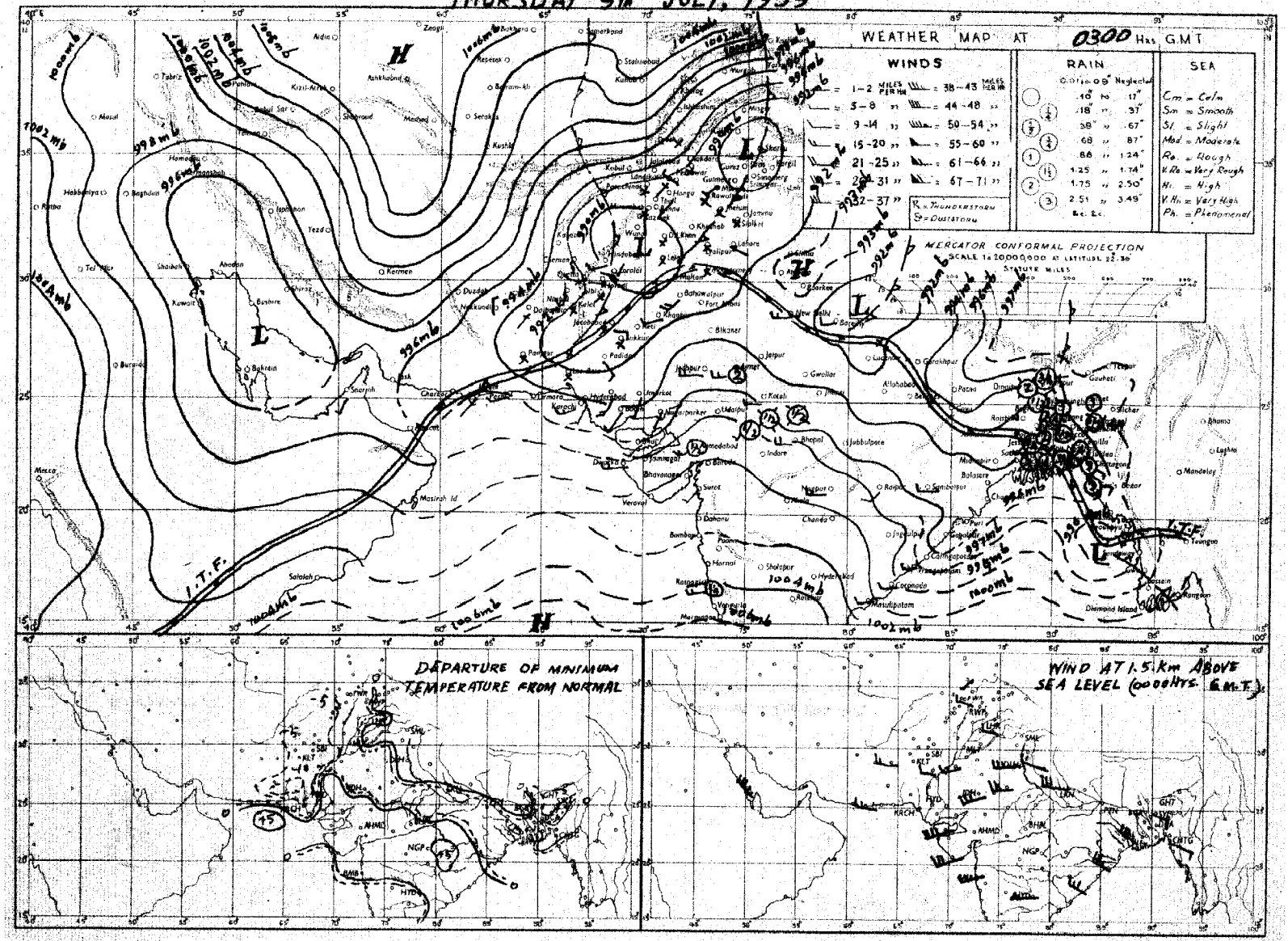
PAKISTAN DAILY WEATHER MAP

THURSDAY 9th JULY, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

FRIDAY THE 10th JULY, 1959.

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

Yesterday's unsettled conditions in Bay of Bengal concentrated into a depression last night. It is probably a deep depression now centred at 10,0300 G. M. T. within one degree of latitude 21½ °N and longitude 90½ °E. It is likely to intensify and move westnorthwestwards.

Widespread rain has fallen in Dacca division and fairly widespread elsewhere over East Pakistan. Locally moderate to heavy falls have also been reported from East Pakistan.

Yesterday's low pressure wave north of Kashmir moved away eastwards while a fresh low pressure wave is moving across extreme north of West Pakistan.

Scattered thunderstorms/showers have occurred in Lahore, Rawalpindi, Peshawar and D. I. Khan divisions.

Chief amounts of rainfall are: Khulna 5", Cox's Bazar, Narayanganj and Sirajganj 3" each, Chittagong, Dacca, Faridpur, Barisal and Satkhira 1" each, Brahmanbaria 3/4", Comilla, Mymensingh, Jessore, Bogra ½" each and Maijdee Court and Murree ¼" each.

Day temperatures were 6—8 °F below normal in Quetta and north Kalat divisions.

Forecast valid until the evening of 11th July, 1959. Widespread rain will fall in East Pakistan. Rain/thundershowers will be local in Rawalpindi division and Kashmir and scattered in Peshawar, D. I. Khan, and Lahore divisions.

Heavy Rainfall Warning: Locally moderate to heavy rain will fall in East Pakistan during next 24 hours.

Karachi-11
the 10th July, 1959.

OBSERVATIONS

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

	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature °F (TT)	Amounts of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature of (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)	Amount of Lowest Cloud † (Nh)	Low Cloud Form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F. (TdTd)	Minimum temperature °F (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Departure from Normal of: Minimum Temperature (TnTn)	Rainfall: Since 1st June 1959 to date	Rainfall: Departure from normal	Rainfall: Since 1st January 1959 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	Cox's Bazar	000	0	4	13	05	96	03	6	924	82	1	4	6	6	5	75	87	324	9	8	16	17	94	64	6	935	xx	x	x	x	x	x	xx	xx	+ 1	x	39 8	+ 7.1	55.6	140
	Chittagong	910	5	4	20	05	97	01	6	917	85	1	4	7	1	2	79	89	089	9	8	11	09	96	61	9	925	77	8	7	3	1	1	76	76	+ 3	— 1	37.3	+ 9.7	69.3	108
	Maijdee Court	000	9	4	13	03	98	02	1	926	85	0	4	9	1	1	77	86	020	8	8	13	09	94	53	6	922	78	8	7	5	2	1	74	77	+ 6	— 1	—	—	—	115
	Comilla	000	0	3	00	00	96	03	0	919	86	3	4	3	7	0	79	93	040	6	8	18	09	97	02	6	933	84	8	4	5	1	1	74	77	+ 4	0	19.5	— 3.9	45.4	94
	Brahmanbaria	000	0	2	00	00	97	02	0	914	90	1	3	6	4	0	79	93	000	9	9	xx	xx	xx	xx	x	xxx	xx	x	x	x	x	x	xx	xx	—	—	23.8	+ 6.8	46.6	78
	Sylhet	002	5	4	00	00	96	17	6	909	xx	1	4	3	4	0	81	94	...	...	...	...	...	...	...	x	...	...	x	x	x	x	x	...	...	+ 4	—	71.1	—	119.1	—
Dacca	Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	052	0	6	00	00	97	21	1	947	84	6	4	6	0	0	78	78	—	0	25.7	+ 2.4	47.8	91
	Narayanganj	000	9	7	11	03	95	03	2	923	88	2	4	5	7	1	77	90	278	9	8	09	09	95	03	2	924	85	5	5	5	2	1	75	78	+ 2	— 1	20.3	+ 3.7	41.6	74
	Dacca (Tezgaon)	000	0	6	13	03	98	03	1	914	87	2	3	5	8	0	78	89	101	6	8	09	19	98	02	9	922	85	3	5	4	7	2	77	77	—	—	12.6	—	39.2	—
	Faridpur	055	4	6	18	01	96	35	0	918	85	4	0	7	6	2	77	89	093	9	8	07	02	96	03	6	927	81	7	5	6	1	6	78	76	—	— 2	15.5	— 3.5	43.7	71
	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	118	4	8	36	02	97	62	6	905	78	x	x	x	x	x	70	xx	+ 1	— 1	26.8	+ 6.4	41.7	81
Rishahi	Khulna	260	4	4	00	00	94	01	6	922	81	4	5	6	0	0	80	83	518	5	8	00	00	95	03	6	923	80	8	5	5	1	1	79	77	— 5	— 1	24.3	+ 7.1	44.8	68
	Satkhira	081	0	8	00	00	94	02	6	922	81	x	x	5	6	0	79	88	093	0	8	00	00	94	06	1	918	79	8	7	5	1	1	78	75	— 7	— 3	18.0	+ 1.3	36.1	65
	Jessore	016	3	6	09	02	96	03	4	923	82	4	x	5	6	0	79	88	065	9	8	31	03	96	03	6	927	78	8	7	5	1	1	77	76	—	— 5.4	10.8	— 5.4	26.7	65
	Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	332	3	8	00	00	98	92	5	924	81	8	7	5	0	1	78	78	—	0	13.6	— 2.8	38.6	64
	Bogra	031	6	4	00	00	96	01	6	903	84	3	1	9	1	0	80	85	054	1	8	13	09	96	61	6	944	84	6	7	4	2	1	xx	79	— 4	+ 1	11.2	— 6.5	36.2	69
	Dinajpur	100	4	0	00	00	96	02	6	919	84	3	1	9	2	0	78	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1	...	...	...	...	72
	Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	6	09	05	96	03	1	111	86	2	5	6	2	0	82	81	—	+ 3	26.3	+ 2.0	48.2	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd)	030	8	6	00	00	96	02	1	886	99	2	1	6	3	0	73	01	004	5	7	00	00	95	03	9	934	85	4	8	6	3	0	73	81	0	+ 1	2.4	— 0.9	6.3	19
	Sialkot	000	0	2	00	00	98	03	0	882	98	2	2	6	x	x	77	99	000	0	2	00	00	98	01	0	930	88	0	0	9	0	3	73	79	0	— 2	12.7	+ 7.6	18.6	32
Rawalpindi	Jhelum	000	7	2	27	03	97	01	2	875	98	1	2	7	3	0	75	99	000	8	0	23	02	98	01	3	933	85	0	0	9	0	0	70	76	—	—	2.9	—	18.2	—
	Rawalpindi	000	0	4	00	00	99	00	0	883	96	3	4	8	0	0	70	97	008	0	1	36	02	99	00	0	918	89	1	0	2	0	0	67	75	— 2	— 2	11.9	+ 8.6	24.9	36
	Khushab	000	0	0	00	00	99	00	0	898	99	0	0	8	0	0	71	99	000	0	0	09	03	95	00	0	937	87	0	0	0	0	0	71	81	— 5	— 2	7.4	+ 5.0	12.9	15
Multan	Lyallpur	000	0	6	07	02	96	02	0	880	01	0	0	9	5	0	73	01	000	0	6	00	00	96	02	0	930	86	0	0	9	6	0	69	83	— 2	— 2	1.4	— 0.8	4.1	12
	Montgomery	000	0	0	00	00	96	00	0	880	01	0	0	9	0	0	76	02	000	0	0	00	00	96	00	0	926	88	0	0	9	0	0	78	85	— 2	+ 1	0	— 1.9	2.3	18
	Multan	000	0	0	23	02	98	05	0	876	02	0	0	9	0	0	77	03	000	0	0	23	07	97	07	0	931	86	0	0	9	0	0	79	85	— 0	— 0	2.1	— 0.1	4.1	7
Peshawar	Leiah	000	0	2	00	00	97	05	0	058	02	2	1	8	0	0	86	09	600	0	0	00	09	03	95	08	078	87	0	0	9	0	0	83	85	—	—	0.5	—	2.5	8
	Khanpur	000	0	0	27	03	96	03	0	877	07	0	0	9	0	0	76	08	000	0	0	00	20	07	96	05	921	85	0	0	9	0	0	76	82	+ 1	— 1	0.2	— 0.9	1.0	6
	Bahawalpur	000	0	0	31	03	96	09	3	882	07	0	0	9	0	0	72	07	000	0	0	00	20	07	96	08	936	86	0	0	9	0	0	73	84	+ 2	— 0	0	— 0.9	1.0	6
	Fort Abbas	000	0	0	23	03	98	00	0	897	05	0	0	9	0	0	64	06	000	0	0	23	07	98	00	0	949	88	0	0	9	0	0	73	85	—	—	0	—	0.3	4
	Chakdara	000	0	1	27	02	99	01	1	855	95	0	0	8	7	0	67	96	000	0	0	09	05	99	03	0	933	80	2	1	7	0	1	61	71	—	—	1.6	—	17.2	—
	Peshawar	000	3	3	23	02	97	01	2	889	93	3	5	6	0	0	78	97	000	3	3	23	04	97	08	0	926	84	1	0	7	0	0	71	78	—	— 2	—	—	—	14
	Haripur	000	0	1	36	03	98	00	0	915	99	0	0	9	0	0	85	00	000	0	3	18	00	98	00	0	959	81	0	0	9	0	0	77	82	—	—	4.2	—	18.3	—
	Campbellpur																																								
D. I. Khan	Bannu	000	0	2	13	03	99	00	0	869	98	2	1	6	0	0	68	00	000	0	0	20	00	99	00	0	928	85	2	0	9	5	0	68	82	—	—	6.5	—	13.5	11
	D. I. Khan	000	6	4	05	02	98	03	0	xxx	01	0	0	9	4	0	83	02	000	0	0	05	02	98	00	0	931	86	1	0	9	5	0	76	80	— 2	— 3	5.9	+ 4.6	9.7	10
Quetta	Sibi	000	0	0	18	02	99	00	0	873	07	0	0	9	0	0	61	08	000	0	0	00	31	02	99	00	922	88	0	0	9	0	0	72	78	—	—	—	—	—	—
	Nokkundi	080	0	0	34	02	98	02	0	899	00	0	0	9	0	0	32	02	000	0	0	00	34	05	98	02	948	86	0	0	9	0	0	74	81	—	—	0	—	1.1	—
	Turbat	000	0	0	31	02	96	00	0	908	12	0	0	9	0	0	59	12	000	0	0	00	18	07	95	06	963	86	0	0	9	0	0	80	82	—	—	1.6	—	6.0	4
Kalat	Jiwani	000	0	0	23	10	96	05	0	930	90	0	0	9	0	0	79	94	000	0	0	18	07	95	06	0	963	86	0	0	9	0	0	80	82	—	—	0	—	5.6	6
	Pasni	000	0	0	20	16	95	00	0	934	91	0	0	9	0	0	83	95	000	0	0	4	23	00	95	05	961	86	4	5	7	0	0	81	81	+ 3	+ 3	0	— 0.4	2.5	6
	Ormara																																							
	Las Bela	000	0	3	00	00	98	20	3	911	86	0	0	8	6	4	81	04	000	0	0	00	00	98	00	0	985	86	0	0	9	0	0	77	83	—	—	0	—	0.2	8
Hyderabad	Karachi (Manora)	000	0	6	23	14	96	03	2	932	89	6	5	5	0	0	80	92	000	0	3	27	14	96	01	1	968	86	3	5	5	0	0	77	83	—	—	7.7	—	8.0	8
	Karachi (Air Port)	000	0	8	23	02	97	00	0	988	88	0	0	9	0	0	76	18	000	0	0	23	02	96	00	0	953	83	0	0	9	0	0	80	78	+ 2	— 4	1.1	— 1.0	1.1	8
	Badin	000	0	0	23	05	95	00	0	935	95	0	0	9	0	0	97	97	000	0	0	23	02	95	00	0	972	83	0	0	9	0	0	78	78	—	—	—	—	—	—
	Nagarparker	000	0	0	23	14	98	00	0	911	97	0	0	9	0	0	76	97	000	0	7	20	09	98	00	0	950	82	7	0	9	0	0	75	79	—	—	2.7	—	3.5	9
	Umerkot	000	0	0	23	16	96	07	0	913	99	0	0	9	0	0	78	00	000	0	0	23	17	96	07	0	948	85	0	0	9	0	0	79	83	— 0	+ 1	2.2	+ 1.2	2.9	9
	Hyderabad																																							
Khairpur & Sukkur	Padidan	000	0	1	36	03	97	01	0	880	10	1	1	6	0	0	53	12	000	0	0	13	12	97	02	0	921	85	0	0	9	0	0	72	82	—	—	3.5	—	3.8	8
	Nawabshah	000	0	0	18	09	96	00	0	890	86	0	0	9	0	0	71	12	000	0	0	18	09	96	02	0	933	87	0	0	9	0	0	74	87	—	—	1.9	—	2.6	4
	Sukkar	000	6	0	00	00	96	00	0	881	03	0	0	9	0	0	69	86	000	0	0	00	00	96	00	0	921	84	0	0	9	0	0	74	81	—	—	0.8	—	1.8	4
	Kashmore	000	0	0	23	02	99	00	0	xxx	07	0	0	9	0	0	80	09	000	0	0	13	07	96	02	0	xxx	xx	0	0	9	0	0	76	87	—	—	0.2	—	1.2	4
	Jacobabad	000	0	0	18	05	96	02	0	872	09	0	0	9	0	0	80	09	000	0	0	13	07	96	02	0	925	87	0	0	9	0	0	80	84	— 1	— 1	3.1	+ 2.6	3.8	4
Bhavnagar & Jamnagar	Veraval																																							
Saurashtra	Jaisalmer																																							
Baluchistan	Muscat																																							
	Kuwait																																							
Kashmir	HILL STATIONS																																							
	Srinagar																																							
	Gulmarg																																							
	Sonamarg																																							
	Dras																																							
	Leh																																							
	Skardu																																							
	Misgar																																							
	Allabad																																							
	Gilgit																																							
Khairpur & Sukkur	Mirpur Khas	000	9	8	13	03	95	01	4	353	68	8	9	2	7	x	60	70	035	5	2	27	05	98	01	9	390	87	0	0	9	9	8	0	57	57	+ 5	— 2	16.9	+ 9.4	42.1	59
	Drosh	000	0	1	23	05	98	00	0	320	93	1	2	6	0	0	47	92	000	0	0	00	00	98	02	0	394	87	0	0	9	9	0	0	55	70	+ 2	— 2	1.0	—	30.1	18
	Chitral	000	0	1	18	03	98	00	0	335	90	1	2	7	0	0	41	92	000	2	2	18	01	98	00	0	378	76	0	0	9	9	0	0	66	71	+ 2	— 1	2.5	+ 0.6	13.6	29
	Kakul	000	0	7	36	17	97	17	0	357	81	1	2	6	0	0	61	86	000	3	1	31	03	98	00	0	391	76	0	0	9	9	0	0	65	68	—	—	14.7	—	33.5	—
	Landi Kotal	000	0	0	23	02	99	00	0	336	96	0	0	9	0	0	39	96	000	0	0	00	00	99	01	0	381	81	0	0	9	9	0	0	61	xx	—	—	1.8	—	16.9	—
Khairpur & Sukkur	Parachinar	000	0	0	13	03	99	00	0	790	85	3	0	9	0	0	53	xx	000	0	0	00	09	02	99	00	792	73	0	0	9	9	0	0	56	xx	—	—	6.4	—	20.4	—
	Miranshah	000	0	0	05	02	99	00	0	354	93	0	0	9	0	0	65	94	000	0	0	00	00	99	00	0	358	86	0	0	9	9	0	0	68	79	—	—	1.0	— 0.4	4.0	—
	Wana	000	0	2	11	09	97	00	0	405	91	2	0	9	0	0	59	97	000	0	0	00	00	98	00	0	405	82	0	0	9	9	0	0	67	74	—	—	—	—	—	—
	Fort Sandeman	000	0	0	20	03	96	00	0	405	98	2	0	9	0	0	50	99	000	0	0	00	00	97	02	0	405	82	0	0	9	9	0	0	65	76	—	—	1.4	— 0.1	10.1	—
	Hindubagh	000	0	0	31	04	98	00	0	244	91	0	0	9	0	0	53	91	000	0	0	00	00	98	00	0	358	77	0	0	9	9	0	0	49	76	—	—	0.9	—	9.0	—
	Loralai	000	0	3	16	02	98	00	0	494	91	0	0	9	0	0	82	93	000	0	0	00	00	98	00	0	444	74	0	0	9	9	0	0	50	64	—	—	3.8	—	18.5	—
	Harnai	000	0	3	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	00	00	98	00	0	xxx	xx	0	0	9	9	0	0	xx	xx	—	—	1.1	— 0.1	5.4	—
	Quetta																		000	0	0	00	00	98	00	0	382	72	0	0	9	9	0	0	45	59	—	—	1.1	+ 0.9	6.7	—
	Chaman	000	0	0	27	01	98	00	0	375	95	0	0	9	0	0	74	96	000	0	0	00	13	02	98	00	406	83	0	0	9	9	0	0	46	708	— 6	—	0.1	+ 0.1	6.2	—
	Kalat	000	0	0	31	09	98	00	0	367	81	0	0	9	0	0	39	84	000	0	0	00	00	98	02	0	386	76	0	0	9	9	0	0	52	52	— 7	— 10	0	— 0.3	2.1	—
	Nushki	000	0	0	27	03	97	00	0	412	88	0	0	9	0	0	39	92	000	0	0	00	05	02	97	07	437	86	0	0	9	9	0	0	49	73	— 8	— 2	0.3	— 0	2.1	—
	Dalbandin	000	0	0	31	02	96	02	0	375	00	0	0	9	0	0	35	01	000	0	0	00	18	02	96	02	381	79	0	0	9	9	0	0	34	73	— 6	— 10	0.2	—	1.9	—
	Panjgur	000	0	0	31	02	98	00	0	406	96	0	0	9	0	0	39	97	000	0	0	00	00	98	00	0	404	67	0	0	9	9	0	0	39	66	—	—	—	—	—	—
	Kabul																																							
	Kandahar																																							

Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 10th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MhC_H$	D,V.a PP	8 N, Ch, h_s	O T, T_w T_dT_d	Id.d.P H_wH_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Shcimaru	53 195	660 00	5 35 30	96 02 1	015 79	56 5 10	73 63 5	...	x x0 54	...
Nichiyamaru	53 099	755 00	8 25 06	95 02 8	073 79	86 4 xx	34 61 4	...	x xx xx	...
Shcimaru	53 191	653 06	6 25 27	96 02 1	030 84	56 5 10	73 40 0	...	0 02 xx	...
Dumra	53 250	632 06	7 27 09	97 06 2	958 82	00 9 01	65 71 5	8 74 99	0 54 88	...
Shcimaru	53 193	646 12	7 24 30	96 02 1	100 84	75 5 10	93 73 0	...	x x0 00	...
Amrakr	53 156	645 12	8 25 22	98 14 2	045 82	44 1 28	15 00 0	...	0 01 79	...
Jawa	53 246	585 12	9 11 05	95 45 4	934 95	9x 0 xx	34 80 0	...	0 09 82	1 11 22
Dumra	53 247	614 18	1 22 09	97 01 8	938 82	11 6 00	55 21 5	8 18 97	0 56 88	1 23 x2

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdT°Td	1000 mb HHHTTT T°dT°dT°d	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTI	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	991 282 262	501 xxxxxx	...	460 135 125	...								
Jiwani ...														
Karachi ...	00 00	993 285 252	540 xxx xxx	...	380 178 082	...	046 122 999	316 025 999	759 550 999	485 632 999	963 755	244 980	...	...
Lahore ...	00 00	968 275 235	...	...	351 180 180	...	968 050 999	201 552 999	607 648 999	...	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...	00 00	821 182 028	..	..	...	...	046 098 038	301 002 999	748 555 999	474 622 999	961 755	..	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT T°dT°dT°d							Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St.HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 155 135	800 112 105	...	...	...	...	...	...	...	..	...	...
Jiwani ...													
Karachi ...	00 00	900 195 162	..	..	..	..	..	..	...	...	900 195 162	...	...
Lahore ...	00 00	..	..	..	..	..	..	..	...	...	607 648 999	..	...
Multan ...													
Peshawar ...													
Quetta ...	00 00	800 172 075	780 182 088	...	...	...	...	...	...	...	780 182 088	...	...

PPP—Pressure in hundreds tens and units of millibars.
TTT: TdTdTd:Dry Bulb:Dew Point temperatures (in tenths of(oC)
Ser.- Character of tropopause.

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

UPPER WIND DATA*

Height in Kms. a.s.l.	At 1200 hrs G.M.T of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	12 18	12 13	16 15	12 14	17 17	16 13	14 24	13 19	..	06 06	08 12	10 20	09 26	08 25	08 22	07 13	09 25	09 33	09 23	10 26	08 32	08 41	..	..	..	..
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	23 26	23 21	22 17	25 13	30 12	27 13	24 10	19 14	25 18	21 27	23 37	23 40	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Chittagong ...	18 10	16 12	14 17	13 33	13 29	...	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	14 29	14 27	15 13	...	...	...	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Dacca ...	..	...	...	...	...	...	...	...	...	11 15	11 19	11 27	10 27	09 23	09 23	09 23	11 27	11 30	11 37	10 37	11 37	11 35	11 37	...	...	...
Dalbandin ...	...	...	25 07	24 05	26 06	33 07	34 03	31 08	30 09	...	...	26 11	28 03	07 02	19 03	...	...	25 07	26 04	24 02	19 07	16 07	17 05	04 04	14 03	35 01
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	25 10	17 07	17 07	16 05	19 10	...	...	...	25 01	21 02	19 03	...	...	...	...	05 07	04 04	36 06	34 04	19 03	29 11	...
Fort Sandeman ...	...	...	15 04	23 06	22 08	27 10	28 14	31 22	...	...	...	...	05 07	02 07	32 16	...	...	33 01	30 03	06 01	25 02	28 05	28 07	...	...	...
Jacobabad ...	19 06	26 02	29 02	28 06	27 10	23 10	26 07	34 12	34 13	19 15	21 09	20 07	18 05	18 03	07 07	10 05	02 03	02 02	04 02	02 02	10 26	10 13	02 14	34 06	36 08	32 08
Jaisore ...																07 16	07 23	06 18								
Multan ...	21 04	18 07	18 07	27 03	28 03	30 07	27 11	27 20	29 27	36 05	02 07	13 05	20 03	17 02	18 06	03 02	28 02	22 03	31 03	35 07	29 10	29 11	38 13	27 09	25 13	27 15
Nawai ...	14 41	16 09	24 04	34 05	33 14	32 16	29 20	31 24	32 22	13 08	25 12	27 17	29 17	30 17	31 12											
Karachi ...	26 16	27 20								26 23	26 19	26 17	28 17	26 15	29 18	28 17	26 14	27 20								
Khanewar ...	25 07	23 08	20 18	20 13	24 08	27 10	25 10	...	...	20 18	21 24	21 27	21 25	21 39	22 39	23 08	23 08	25 06	27 00	29 05	29 09	29 31	30 19	...	...	...
Lahore ...	21 03	19 02	19 04	20 05	24 04	25 08	...	...	...	09 10	17 08	21 07	26 10	30 13	...											
Multan ...	20 07	19 05	14 04	02 04	12 01	19 15	29 16	28 13	25 15	20 13	23 17	24 15	27 10	...	...	23 11	26 07	28 09	02 00	17 00	21 02	...	...	...	...	...
Masset ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	05 03	06 03	35 06	33 12	31 15	25 33	28 15	00 13	...	...
Quetta ...	...	...	...	...	30 05	33 06	01 05	33 05	32 13	...	...	...	...	26 05	29 10	...	...	...	...	33 02	17 04	16 05	33 02	33 02	34 12	30 08
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	05 02	10 08	10 12	12 12	11 10	13 13	12 19	13 25	12 16	09 17	09 21	10 24	10 19	...	...	10 18	10 29	11 23	11 21	13 23	12 24	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.8	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	09 15	10 20	11 23	10 19														
Karachi ...	26 31	26 31	26 25	27 22	33 20	31 20	31 21	31 19	32 10	03 10	04 10	35 07	33 08	11 12	..	...	...	...
Peshawar ...																		
Quetta ...																		

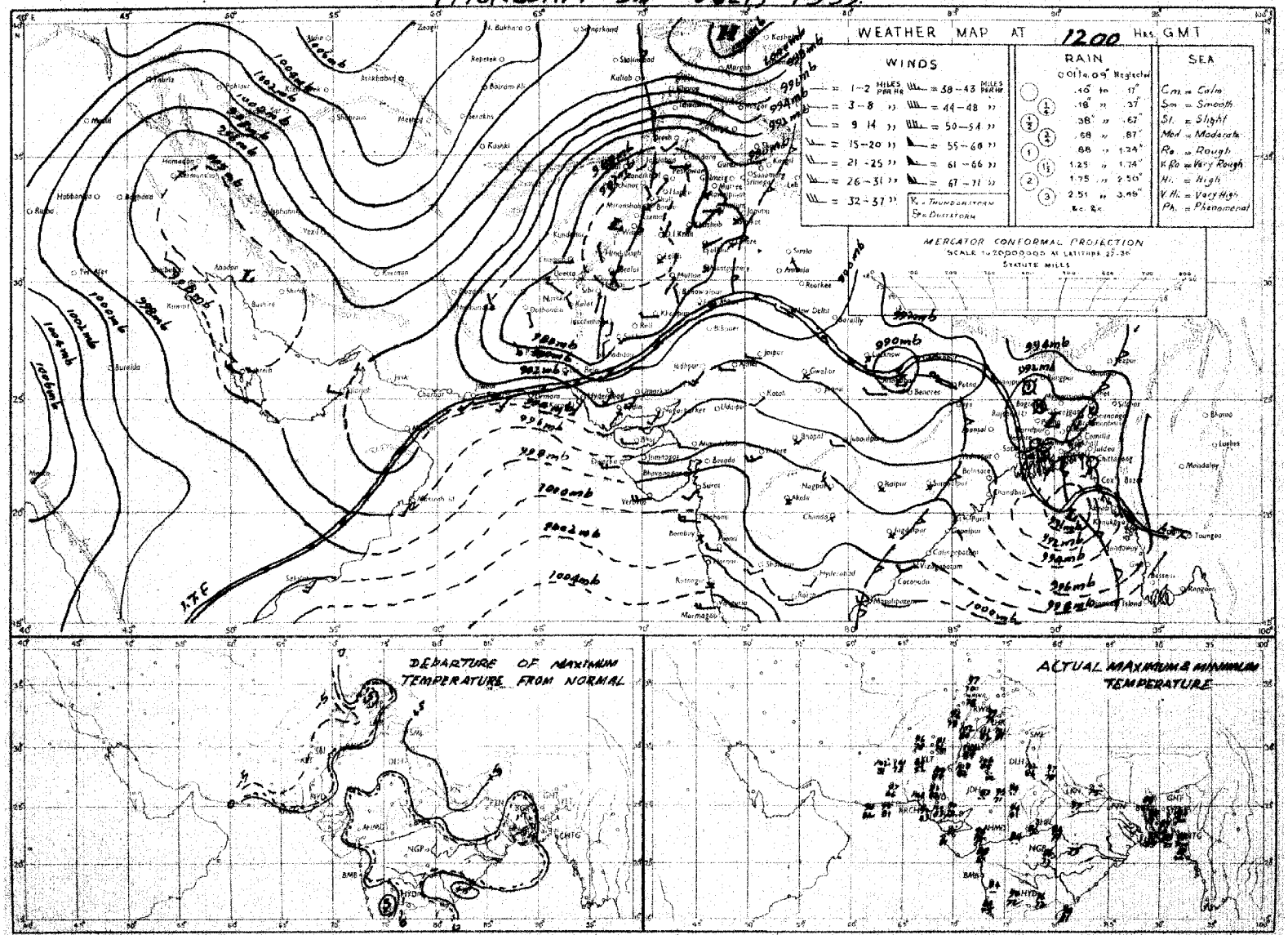
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted

Cloud Observation Data (GGiii Cddv,v,etc.)

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

PAKISTAN DAILY WEATHER MAP

THURSDAY, 9th JULY, 1959.



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

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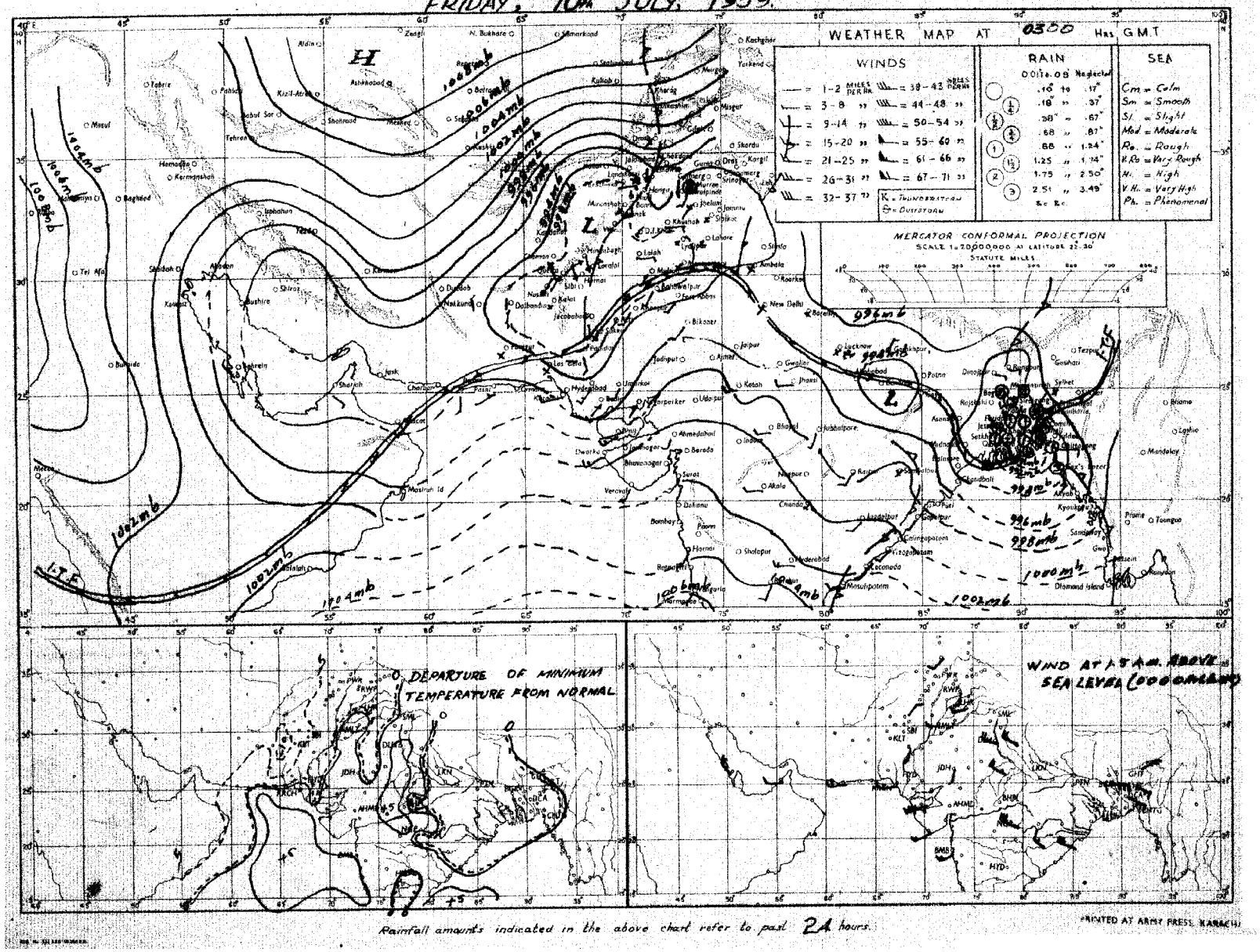
PAKISTAN DAILY WEATHER MAP

FRIDAY, 10th JULY, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

SATURDAY THE 11th JULY, 1959.

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

Observations from Orissa, West Bengal and Bihar are lacking but believe yesterday's deep depression moved northwestwards and lies at 11,0300 G. M. T. near Asansol. It is likely to continue move in a northwesterly direction. In its association rainfall has been widespread in East Pakistan with a few heavy falls in Chittagong division.

Observation from north of West Pakistan are also lacking but believe yesterday's low pressure wave is moving across Peshawar division and Kashmir.

Scattered thunderstorms are reported from Multan and D. I. Khan divisions.

Chief amounts of rainfall are: Cox's Bazar 10", Chittagong, Maijdee Court 6" each, Barisal 3", Khulna, Satkhira and Jessore 2" each, Comilla 1½", Srimangal and Mymensingh 3/4" each, Narayanganj, Faridpur, Dinajpur and Rangpur ½" each and Dacca, Sirajganj and Bogra ¼" each.

Day temperatures were 4—6 °F below normal in the western districts of Quetta and north Kalat divisions and coastal districts of East Pakistan and were 4—5 °F above normal in upper Rajshahi division.

Forecast valid until the evening of 12th July, 1959. Widespread rain/thundershowers will occur in East Pakistan. Scattered thunderstorms/showers are also likely to occur in Peshawar, Rawalpindi divisions and Kashmir.

Heavy Rainfall Warning: Locally moderate to heavy rain will fall in East Pakistan during next 24 hours.

Karachi-11
The 11th July, 1959.

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

OBSERVATIONS

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	483	9	9	16	15	94	65	6	958	77	7	7	4	2	x	77	79
	Chittagong	220	9	8	11	13	94	63	6	941	75	8	7	3	x	x	75	78
	Maijdee Court	160	9	8	13	13	94	02	6	918	80	8	7	5	x	x	77	80
	Comilla	040	3	8	18	13	95	51	6	927	77	8	4	4	x	x	75	85
	Brahmanbaria	000	0	8	11	09	97	03	1	927	86	8	5	5	x	x	79	88
	Sylhet	000	0	8	00	00	97	02	2	937	83	4	5	5	2	x	78	93
	Srimangal	073	5	8	00	00	94	60	9	944	79	8	3	4	x	x	78	92
Dacca	Mymensingh	073	3	8	13	02	95	60	6	932	80	8	6	3	x	x	77	92
	Narayanganj	005	2	8	09	12	94	51	6	901	80	8	7	3	x	x	76	87
	Dacca (Tezgaon)	006	4	8	11	18	97	21	6	901	78	7	7	4	2	x	77	87
	Faridpur	010	9	8	09	07	96	03	6	901	80	8	5	6	x	x	76	85
	Barisal	046	9	6	02	02	97	61	6	901	80	6	0	9	4	0	79	81
Rajshahi	Khulna	110	6	8	23	07	95	03	6	883	78	8	5	5	x	x	77	80
	Satkhira	076	0	8	23	02	94	61	6	873	80	x	x	x	x	x	79	85
	Jessore	116	4	8	:6	03	97	02	6	906	84	8	8	5	x	x	84	84
	Sirajganj	022	4	8	09	09	97	02	6	902	60	8	7	5	x	x	76	90
	Bogra	021	3	8	09	09	96	51	6	919	82	3	5	6	2	x	75	89
	Dinajpur	042	1	8	00	00	95	67	1	931	78	8	7	6	x	x	76	94
	Rangpur	060	3	8	13	02	96	51	6	xxx	80	8	5	6	x	x	77	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	8	2	00	00	95	05	1	910	00	1	2	7	0	6	75	01
	Sialkot	000	0	1	00	00	98	02	0	910	00	1	2	6	0	0	79	01
Rawalpindi	Jhelum	000	0	3	00	00	97	03	0	907	99	2	2	7	3	0	71	02
	Rawalpindi	000	0	3	00	00	99	03	0	911	97	3	2	8	0	0	73	98
	Khushab	000	0	6	09	02	99	02	1	909	99	6	3	6	0	0	74	02
Multan	Lyallpur	000	0	7	07	03	96	03	9	908	01	7	7	8	0	0	72	03
	Montgomery	000	0	0	00	00	96	00	0	918	02	0	0	9	0	0	70	03
	Multan	000	0	0	00	00	96	05	0	909	00	0	0	9	0	0	78	01
Bahawalpur	Leiah	000	0	0	13	07	94	08	0	895	96	0	0	9	0	0	82	05
	Khanpur	000	0	0	29	03	96	05	0	906	07	0	0	9	0	0	77	08
	Bahawalpur	000	0	0	31	03	97	00	0	909	05	0	0	9	0	0	69	05
	Fort Abbas	000	0	0	23	03	98	00	0	916	03	0	0	9	0	0	64	08
Peshawar	Chakdara	000	0	1	00	00	99	01	1	877	97	1	1	7	0	0	70	98
	Peshawar	000	0	1	05	03	98	02		902	01	1	1	6	0	0	62	02
	Haripur	000	4	3	23	02	97	02	1	957	95	3	5	6	0	0	77	97
	Campbellpur	000	0	2	13	02	98	02	0	922	01	0	0	9	0	1	79	01
D. I. Khan	Bannu	000	3	2	05	03	98	09	9	921	86	0	0	9	0	3	65	00
	D. I. Khan	000	6	7	00	00	98	03	1	898	02	7	0	9	7	0	87	04
Quetta	Sibi	000	0	0	23	02	99	00	0	898	06	0	0	9	0	0	69	07
Kalat	Nokkundi	000	0	0	34	02	99	02	0	910	03	0	0	9	0	0	39	04
	Turbat	000	0	0	23	02	96	00	0	928	11	0	0	9	0	0	57	12
	Jiwani	000	0	0	18	08	96	02	0	939	89	0	0	9	0	0	80	92
	Pasni	000	0	2	20	17	95	02	0	942	90	2	0	9	7	0	83	94
	Ormara	0C0	0	5	23	09	99	02	1	990	91	5	4	6	0	0	78	94
	Las Bela	000	0	0	00	00	98	00	0	8 6	02	0	0	9	0	0	79	06
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	25	16	95	05	2	949	88	7	6	4	0	0	81	90
	Karachi (Air Port)	000	0	8	20	14	96	03	2	949	89	8	6	5	x	x	82	91
	Badin	000	0	4	23	05	97	03	2	959	90	4	0	9	4	0	77	00
	Nagarparkar	000	0	0	23	03	95	00	0	948	95	0	0	9	0	0	87	97
	Umarkot	000	0	4	20	17	98	02	0	933	94	4	2	6	0	0	74	98
	Hyderabad	000	0	0	23	12	96	07	0	931	95	0	0	9	0	0	75	98
Khairpur	Pad-i-dan	000	0	0	29	05	97	02	0	903	08	0	0	6	0	0	53	09
	Nawabshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sukkur	000	0	0	00	00	96	00	0	903	05	0	0	9	0	0	70	08
	Kashmore	000	0	0	23	05	99	00	0	xxx	xx	0	0	9	0	0	86	xx
	Jacobabad	000	0	0	18	03	96	02	0	906	04	0	0	9	0	0	72	05
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	5	29	07	98	02	1	384	76	5	3	3	0	0	60	79
Peshawar	Drosh	000	0	1	23	10	98	01	0	352	93	1	2	7	0	0	39	97
	Cherat	000	0	1	18	03	98	01	0	375	93	1	2	6	0	0	62	95
	Kakul	000	7	2	25	03	98	01	1	388	87	2	3	6	0	0	59	88
	Landi Kotal	000	0	1	13	02	99	03	0	367	94	1	2	7	0	0	57	97
	Parachinar	0C0	0	4	13	08	99	02	0	792	81	2	2	7	6	0	62	xx
D.I. Khan	Miranshah	000	0	2	05	02	99	01	0	374	93	2	0	9	2	0	63	94
	Wana	000	0	4	13	03	97	08	6	372	87	4	0	9	2	8	40	94
Quetta	Fort Sandeman	000	0	0	13	05	98	02	0	405	97	0	0	9	0	c	64	00
	Hindubagh	000	0	0	13	01	98	00	0	334	93	0	0	9	0	0	61	94
	Loralai	000	0	2	13	02	98	02	1	502	92	0	0	9	0	3	89	94
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	c	0	xx	xx
	Quetta	000	0	1	00	00	96	02	0	404	91	1	1	7	0	0	76	92
	Chaman	000	0	0	18	02	98	02	0	360	96	0	0	9	0	0	32	98
Kalat	Kalat	000	0	0	00	00	98	02	0	358	88	0	0	9	0	0	46	90
	Nushki	000	0	0	36	02	97	02	0	439	02	0	0	9	0	0	31	04
	Dalbandin	000	0	0	18	03	96	02	0	386	01	0	0	9	0	0	33	03
	Panjgur	000	0	0	31	02	98	00	0	413	98	0	0	9	0	0	33	98
Afghanistan	Kabul	000	0	0	32	02	99	00	0	452	78	0	0	9	0	0	51	85
	Kandahar																	

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal: Maximum Temperature TxTx (37)	Departure from Normal: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1959 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January 1959 to date (41)	Annual normal (4)
Chittagong	Cox's Bazar	980	3	8	18	15	93	64	6	011	76	7	4	4	2	x	76	75	− 7	− 2	49.6	+ 5.8	65.4	140
	Chittagong	595	9	8	11	25	95	63	6	004	76	8	7	3	x	x	77	75	− 8	− 2	43.3	+13.9	75.3	108
	Maijdee Court	610	9	8	13	13	93	65	6	979	77	8	7	5	x	x	76	75	− 6	− 3	40.3	+12.3	72.1	115
	Comilla	155	3	8	18	14	96	51	6	975	76	8	4	4	x	x	75	75	− 2	− 3	21.0	− 2.8	47.0	94
	Brahmanbaria	...	...	...	...	...	...	...	...			...	...	...	...	...		...	—					76
	Sylhet	006	9	8	00	00	97	01	6	000	84	5	5	6	2	x	78	78	—	—	71.2	—	119.1	—
	Srimangal	084	2	8	00	00	94	61	6	998	79	8	3	4	x	x	75	76	+ 2	0	26.6	+ 3.5	60.5	98
Dacca	Mymensingh	081	9	8	13	05	96	02	6	992	80	8	6	4	x	x	74	77	+ 5	− 1	26.5	+ 2.7	48.6	91
	Narayanganj	047	8	8	11	09	94	62	6	975	79	8	7	3	x	x	77	78	− 1	− 1	20.7	+ 3.7	42.0	74
	Dacca (Tezgaon)	033	9	8	11	05	97	61	6	970	78	7	7	3	2	x	79	77	—	—	21.1	—	37.7	—
	Faridpur	044	9	8	16	02	95	51	6	008	81	8	7	6	x	x	77	76	− 3	− 2	15.9	− 1.4	44.1	71
	Barisal	323	9	8	18	03	97	63	6	969	79	8	7	5	x	x	78	77	− 7	− 2	30.1	+ 9.2	45.6	81
Rajshahi	Khulna	190	0	8	00	00	95	02	6	969	79	8	5	5	x	x	79	77	− 8	− 1	26.2	+ 8.5	46.7	68
	Satkhira	207	0	8	00	00	94	61	6	963	79	x	x	x	x	x	78	77	− 6	− 1	20.1	+ 3.0	38.3	65
	Jessore	181	9	8	13	03	96	03	6	956	80	8	7	5	x	x	79	77	—	—	12.6	− 3.9	28.6	65
	Sirajganj	036	2	8	09	09	98	59	5	968	79	8	7	5	x	x	76	77	+ 3	− 1	13.9	− 2.8	39.0	64
	Bogra	029	9	8	09	10	96	60	6	974	78	7	7	4	1	x	75	77	0	− 2	14.8	− 3.5	33.9	69
	Dinajpur	042	3	8	09	05	96	02	6	969	82	8	5	7	x	x	75	79	+ 5	+ 1	17.4	− 2.7	34.7	72
	Rangpur	064	0	7	09	13	96	01	6	xxx	82	7	5	6	0	0	75	78	+ 4	0	28.1	+ 3.2	49.9	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd)	000	0	0	13	03	95	05	0	957	89	0	0	9	0	0	74	85	0	+ 5	2.4	− 1.1	6.3	19
	Sialkot	000	0	0	13	02	98	0.	5	958	89	0	0	9	0	0	79	79	+ 2	− 1	12.7	+ 6.4	18.6	32
Rawalpindi	Jhelum	000	0	2	05	07	97	03	0	957	89	2	2	7	0	0	84	81	—	—	2.9	—	18.2	—
	Rawalpindi	000	0	0	36	02	99	00	0	949	88	0	0	9	0	0	71	77	− 1	0	11.9	+ 7.4	24.9	36
	Khushab	000	0	0	09	02	99	00	0	952	88	0	0	9	0	0	69	82	− 2	0	7.4	+ 4.9	12.9	15
Multan	Lyallpur	000	0	5	05	02	96	02	9	934	90	5	0	9	2	0	76	84	0	+ 2	1.4	− 0.9	4.1	12
	Montgomery	000	0	0	00	00	96	00	0	946	88	0	0	9	0	0	77	85	− 1	+ 1	0	− 2.1	2.3	10
	Multan	000	0	0	18	07	96	05	0	953	89	0	0	9	0	0	81	86	− 1	+ 1	2.1	+ 0.8	4.1	7
Bahawalpur	Leiah	000	0	0	36	02	55	08	0	940	92	0	0	9	0	0	xx	83	—	—	0.5	—	2.5	8
	Khanpur	000	0	0	23	09	96	02	0	958	86	0	0	9	0	0	xx	84	+ 1	+ 1	0.2	− 0.9	1.0	6
	Bahawalpur	000	0	0	23	05	97	00	0	957	87	0	0	9	0	0	75	85	0	+ 1	0	− 1.0	1.0	6
	Fort Abbas	000	0	0	23	05	98	00	0	962	93	0	0	9	0	0	74	89	—	—	0	—	0.3	4
Peshawar	Chakdara	000	0	0	00	00	99	00	0	953	82	0	0	9	0	0	60	74	—	—	1.6	—	17.2	—
	Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	− 1					14
	Haripur																		—	—				—
	Campbellpur	000	0	0	13	03	98	00	0	950	90	0	0	9	0	0	72	62	—	—	4.2	—	18.2	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	936	84	0	0	9	0	0	75	79	—	—	6.5	—	13.5	11
	D. I. Khan	000	0	0	00	00	98	0	0	947	89	0	0	9	0	0	77	81	0	− 2	5.9	+ 4.5	9.7	10
Quetta	Sibi	000	0	0	18	02	99	00	0	955	87	0	0	9	0	0	76	79	—	—	1.4	—	1.7	5
Kalat	Nokkundi	000	0	0	34	05	98	02	0	946	87	0	0	9	0	0	43	82	—	—	0	—	1.1	2
	Turbat	000	0	0	18	02	95	00	0	962	86	0	0	9	0	0	77	xx	—	—	1.6	—	6.0	—
	Jiwani	000	0	5	13	03	96	03	0	974	85	5	6	5	0	0	79	81	—	—	0	—	5.6	4
	Pasni	000	0	4	13	02	95	05	0	976	86	2	0	9	2	0	79	81	+ 2	+ 3	0	− 0.4	2.5	6
	Ormara	000	0	5	00	00	98	02	1	969	87	5	4	6	0	0	80	84	—	—	0	− 0.1	1.9	6
	Las Bela	000	0	2	00	00	96	02	0	951	86	1	6	9	4	4	76	84	—	—	0	—	0.2	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	27	12	96	05	2	978	84	5	6	4	0	0	74	82	− 1	+ 1	5.4	+ 4.1	5.4	8
	Karachi (Air Port)	000	0	3	25	10	96	03	1	975	85	3	6	5	0	0	81	83	—	—	7.7	—	8.0	—
	Badin	000	0	0	23	02	96	00	0	971	83	0	0	9	0	0	77	81	+ 4	0	1.1	− 1.1	1.1	9
	Nagarparkar	000	0	0	23	02	96	00		964	87	0	0	9	0	0	56	78	—	—	2.4	—	2.4	—
	Umarkot	000	0	0	20	10	98	00		969	83	0	0	9	0	0	73	80	—	—	2.7	—	3.5	—
	Hyderabad	000	0	0	23	12	96	07		966	85	0	0	9	0	0	70	83	− 2	+ 2	2.2	+ 1.1	2.9	7
Khairpur	Pad-i-dan	000	0	0	13	12	97	02	0	954	86	0	0	9	0	0	75	82	—	—	3.5	—	3.8	—
	Nawabshah	030	0	0	18	05	96	02	0	959	87	0	0	9	0	0	76	82		—	1.9	—	2.6	—
	Sukkur	000	0	0	23	02	96	00	0	953	84	0	0	9	0	0	77	81	—	—	0.8	—	1.8	4
	Kashmore	000	0	0	18	10	99	00	0	xxx	93	0	0	9	0	0	77	87	—	—	0.2	—	1.2	—
	Jacobabad	000	0	0	13	03	96	02	0	956	87	0	0	9	0	0	79	84	− 5	− 1	3.1	+ 2.6	3.8	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar	000	0	4	00	00	98	01	2	056	54	0	0	9	0	1	32	45	—	—	—	—	—	—
	Aliabad																							
	Gilgit																							5
Rawalpindi	Murree	000	9	0	31	02	98	00	1	417	68	0	0	9	0	0	56	60	+ 3	+ 1	16.9	+ 8.9	42.1	59
Peshawar	Drosh	000	0	2	00	00	98	03	0	416	79	2	2	7	0	0	56	73	+ 1	0	1.0	—	30.1	18
	Cherat	000	0	0	13	02	97	00	1	407	79	0	0	9	0	0	65	74	+ 5	+ 3	2.5	+ 0.4	12.6	29
	Kakul	000	0	0	36	02	97	02	0	415	78	0	0	9	0	0	53	70	—	—	14.7	—	33.5	—
	Landi Kotal	000	0	1	00	00	97	01	0	404	85	0	0	9	0	1	63	xx	—	—	1.8	—	16.9	—
	Parachinar	000	0	3	23	02	99	01	0	794	71	3	0	9	3	0	59	xx	—	—	6.4	—	20.4	29
D.I. Khan	Miranshah	000	0	0	00	00	99	00	0	385	85	0	0	9	0	0	65	78	—	—	1.0	− 0.4	4.0	13
	Wana	...	...	...	...	...	...	...	...			...	...	...		...		...	—					—
Quetta	Fort Sandeman	000	0	0	00	00	97	02	0	405	81	0	0	9	0	0	64	76	− 1	+ 1	1.4	+ 0.1	10.1	11
	Hindubagh	000	0	0	00	00	98	00	0	372	78	0	0	9	0	0	56	77	—	—	0.9	—	9.0	—
	Loralai	000	0	0	00	00	98	00	0	469	72	0	0	9	0	0	61	61	—	—	3.8	—	8.6	—
	Harnai	000	0	0	27	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	1.1	− 0.2	5.4	14
	Quetta	000	0	0	18	02	95	00	0	396	75	0	0	9	0	0	60	59	—	—	1.1	+ 0.9	6.7	8
	Chaman	000	0	0	13	02	98	02	0	416	79	0	0	9	0	0	42	71	− 4	− 5	0.1	+ 0.1	6.2	7
Kalat	Kalat	000	0	0	16	07	97	02	0	418	74	0	0	9	0	0	41	58	− 1	− 4	0	− 0.4	5.2	9
	Nushki	000	0	0	09	02	97	02	0	436	85	0	0	9	0	0	43	79	—	—	0.3	—	2.1	—
	Dalbandin	000	0	0	00	00	96	02	0	399	81	0	0	9	0	0	43	70	− 6	− 8	0	0	2.1	5
	Panjgur	000	0	0	00	00	98	00	0	411	72	0	0	9	0	0	xx	68	− 5	− 9	0.2	—	1.9	4
Afghanistan	Kabul	000	0	0	36	02	99	00	0	481	71	0	0	9	0	0	56	57	—	—	—	—	—	12
	Kandahar																							—

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 11th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch h_s	O $T_sT_sT_dT_d$	$I_dd_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Riyadhmaru	63 173	675 00	4 27 26	97 01 1	990 82	37 4 10	76 xx x	...	...	...
Shuhimaru	63 204	632 00	7 23 22	98 02 1	990 81	75 5 00	73 72 0	...	...	...
Shinseimaru	63 211	626 06	7 23 25	96 02 1	990 86	65 5 10	73 40 0	...	0 03 xx	
Dwarka	63 215	694 06	7 26 18	97 03 8	815 84	71 5 00	36 12 4	...	0 50 79	1 22 09
Sirdhana	63 245	666 04	7 23 18	97 03 2	969 86	76 3 00	54 38 2	...	0 80 79	1 23 26
Amra	63 192	671 06	8 25 22	98 02 2	039 82	84 5 xx	15 40 0	...	0 01 79	1 25 46
Riadhmaru	63 188	663 06	8 24 26	97 02 2	000 84	65 4 1x	76 xx x	...	...	...
Shinumaru	63 222	619 12	7 23 18	96 02 1	965 84	75 5 00	74 73 5	...	0 52 xx	...
Amra	63 200	678 12	8 25 22	98 03 2	010 84	61 5 2x	15 00 0	...	0 01 79	1 25 35
Riadhmaru	63 201	650 12	8 24 24	97 02 2	975 86	65 7 1x	76 xx x	...	...	...
Java	63 214	622 12	8 21 25	98 02 2	950 82	86 4 xx	34 40 0	...	0 58 77	1 21 55
Amra	63 212	684 18	4 25 18	98 01 1	017 84	41 5 00	15 00 0	...	0 02 79	1 25 33
Shinseimaru	63 229	609 18	0 27 12	95 06 0	975 81	00 9 00	74 10 5	...	0 56 xx	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	—	Misda	...	.	...	...	...	...	...	...	...	...	...
Jiwani ...														
Karachi ...	01 00	994 288 245	...	...	430 272 152	...	131 132 035	402 015 545	851 010 999	505 632 999	944 758	254 982	...	...
Lahore ...	00 00	972 295 252	...	..	403 255 232	...	080 155 999	358 060 999	819 548 999	..	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...	00 00	823 202 078	..	..	...	...	084 162 048	379 100 999	863 01 999	624 575 999	...	..	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	..	Misda	...	...	...	...		...	...	.	...	...
Jiwani ...													
Karachi ...	01 00	900 202 178	800 232 122	537 548 632	...	...	...	..	...	...	537 548 632	...	...
Lahore ...	00 00	446 608 999		...	...	...	...	...	...	...	446 608 999	..	...
Multan ...													
Peshawar ...													
Quetta ...	00 00	815 212 185	800 205 088	732 188 045	...	...	...	...	...	...	732 188 045	...	...

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

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

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ...	10 30	11 49	18 62	10 58	09 43	09 57	...	...		09 20	...	...	...	...	..
Chaklala ...	...	26 04	23 04	22 05	23 03	29 09	32 12	29 30	28 32	...				...	...
Chhor ...	22 12	22 16	23 20	23 15	25 10		...	...	...	21 24	23 22	23 34	...	...	..
Chittagong ...	No	Ascent	...	...	...	...	...	...	...	No	Ascent	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	..	...	..	No	Ascent	..	...	...	...
Dacca ...	01 32	11 20	...	...	...	...	...	...	...	No	Ascent	...		...	...
Dalbandin ...	...	...	29 05	23 04	20 04	21 13	15 14	13 07	31 03	...	...	15 02	03 09	03 12	07 03
D. I. Khan ...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...		24 13	22 18	15 13	25 31	28 63	...	...	...	24 04	24 04	23 08
Fort Sandeman ...	...	...	...	26 04	22 02	22 06	31 17	30 19	31 14	...	...	...	14 01	23 04	32 19
Jacobabad ...	16 04	16 05	15 05	13 03	06 02	10 02	02 10	32 15	32 12	17 16	21 10	23 10	21 07	21 06	27 05
Jessore ...	No	Ascent	...	...	...	...	...	...	...	No	Ascent	...		...	
Jhelum ...	11 01	20 01	18 02	21 02	34 06	33 10	34 12	28 20	28 21	02 03	15 06	16 12	16 05	34 03	28 08
Jiwani ...	16 08	32 04	32 04	32 12	32 17	31 18	34 11	36 10	34 05	09 03	02 09	27 16	28 20	30 15	34 12
Karachi ...	24 19	25 20	...	...	...	...	...	...	...	26 14	26 17	27 17	29 21	29 19	...
Khanpur ...	29 05	22 04	22 06	17 03	12 04	10 03	01 12	01 14	36 11	23 19	23 23	23 26	24 12	25 10	
Lahore ...	13 04	15 05	16 04	01 03	33 08	31 12	28 09	26 19	27 21	13 08	12 12	05 04	35 04	32 05	31 06
Multan ...	18 03	17 05	17 05	22 07	24 08	27 07	30 06	34 32	...	23 17	25 12	25 07	27 11	29 15	29 19
Muscat ...	...	...	...	..	...	...	...	...	...	...	...		...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...		...	...	...
Peshawar ...	...	06 04	11 03	18 07	24 08	30 06	32 18	33 17	32 22	...			...	...	
Quetta ...	...	...	...	...	26 03	21 05	30 11	33 09	34 11	...	...	..	...	21 04	28 07
Sharjah ...	...	...	...	...	...	...	...	...	...					...	
Sylhet ...	11 15	10 29	10 31	11 22	12 19	...	...	...	...	09 14	19 22	12 14	15 17	...	
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	..	..		...

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

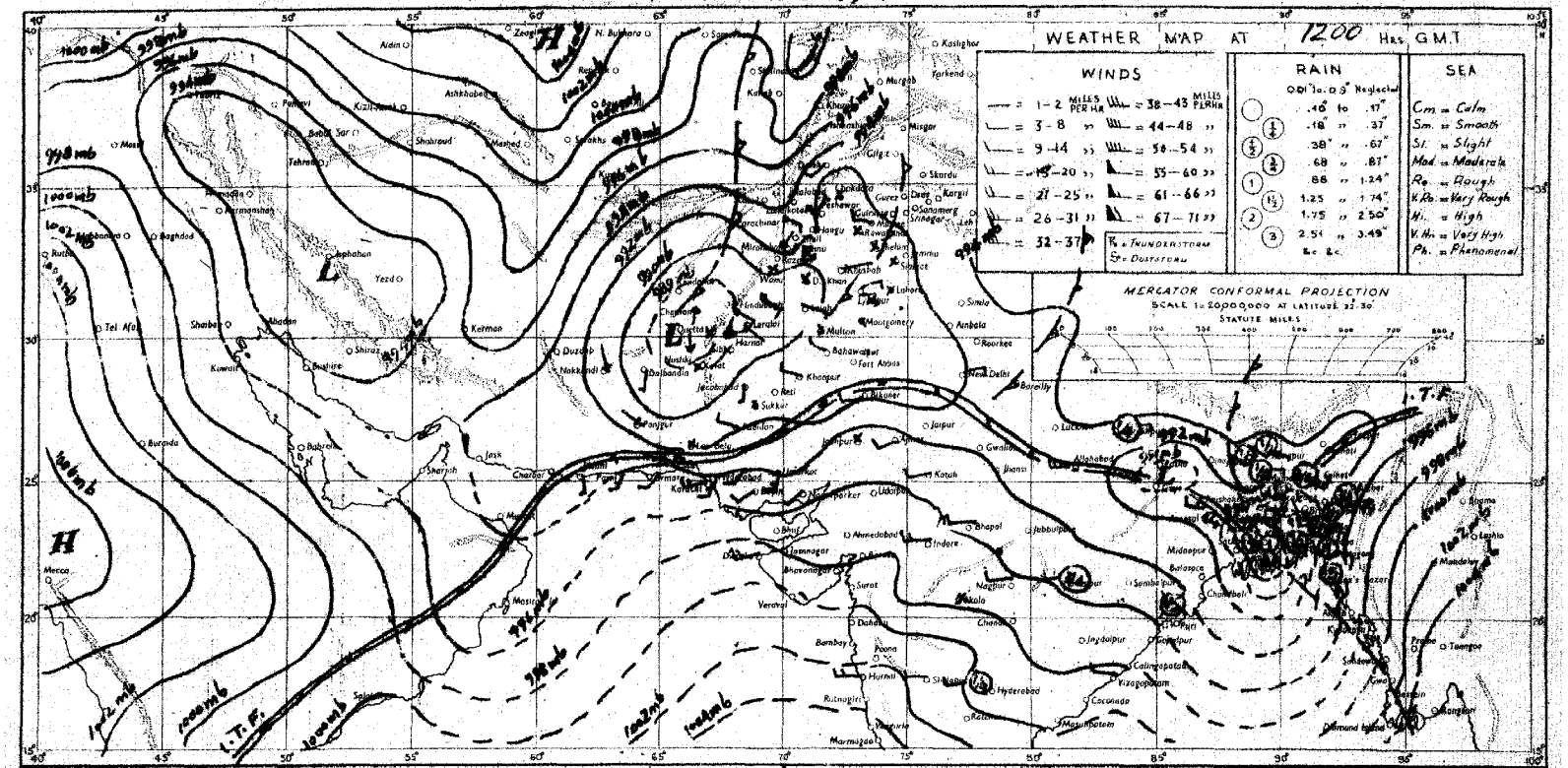
Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Misda													...	...	...	...	...
Karachi ...	25 23	26 22	28 21	29 21	30 19	32 13	06 24	05 23	03 17	04 09	04 13	05 31	04 24	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

Cloud observation Data (GGiii Cddv,v,etc.)

PAKISTAN DAILY WEATHER MAP

FRIDAY 10th JULY, 1959.



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

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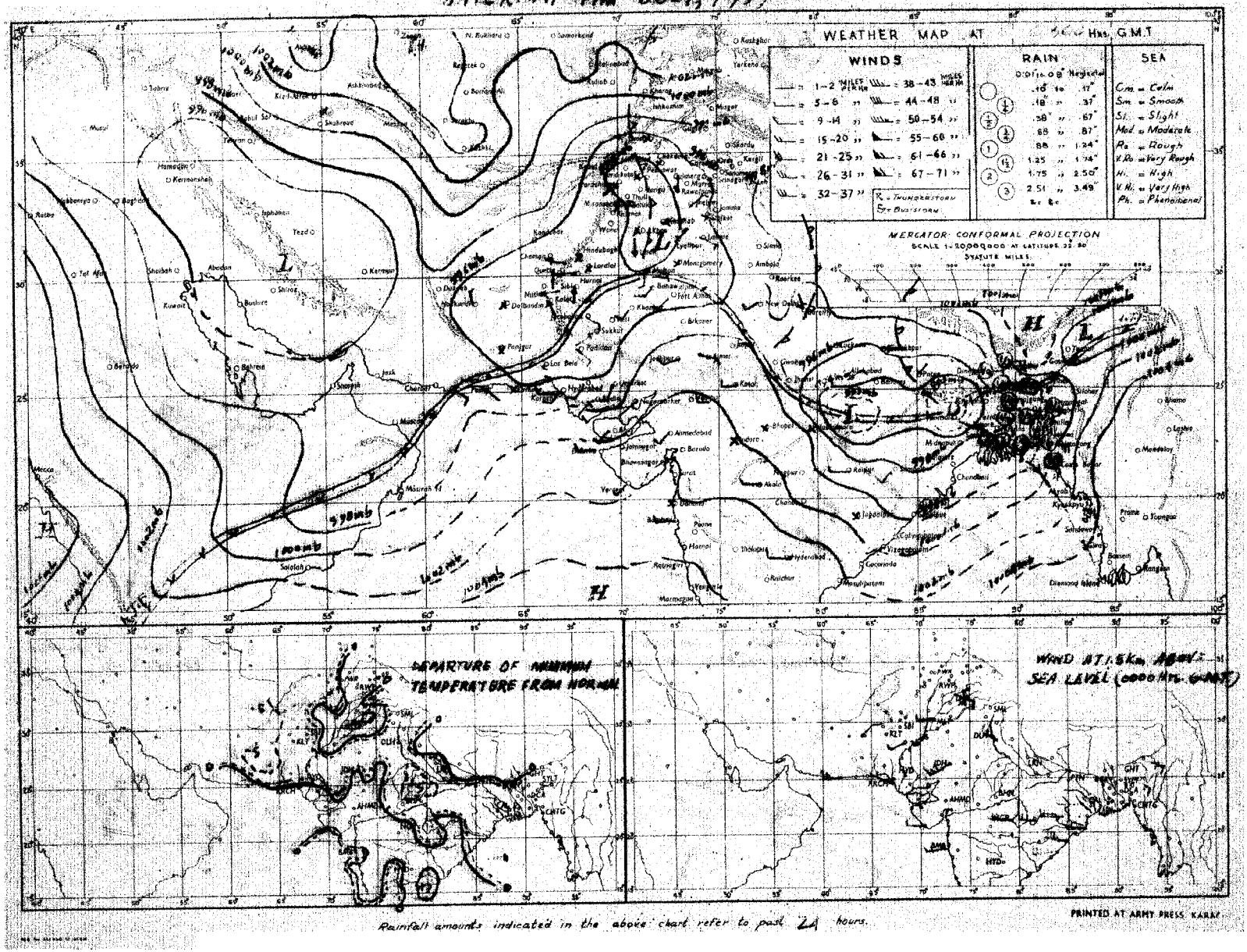
PAKISTAN DAILY WEATHER MAP

SATURDAY 11th JULY, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

SUNDAY THE 12th JULY. 1959.

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

Observations from Madhya Pradesh and the adjoining areas are lacking but believe yesterday's deep depression moved westnorthwestwards weakened and now lies as a depression at 12,0300 G. M. T. near Sutna. It is likely to move in a northwesterly direction. In its association rainfall has been fairly widespread in Dacca division and local elsewhere in East Pakistan.

Yesterday's low pressure wave is moving across East Kashmir. It has caused fairly widespread thunderstorms/showers in Lahore and Rawalpindi divisions and local in Peshawar and D. I. Khan divisions and scattered duststorm in Multan division.

A fresh low pressure wave is approaching Peshawar division.

Chief amounts of rainfall are: Cox's Bazar 7"; Barisal 2",Maijdee Court and Jhelum 1½" each; Chittagong and Comilla 1" each; Bogra and Haripur 3/4" each; Narayanganj, Sirajganj and Lahore ½" each and Dacca, Faridpur, Dinajpur, Rangpur, Sialkot, Chakdara and Miranshah ¼" each.

Day temperatures were 4—8 °F belw normal in East Pakistan and 2—5°F above normal in Lahore, Rawalnindi, Multan and Bahawalpur divisions.

Forecast valid until the evening of 13th July, 1959. Fairly widespread rain/thundershowers will occur in East Pakistan and Lahore division, local in Rawalpindi division and Kashmir and scattered in Peshawar, D. I. Khan and Multan divisions.

Karachi-11
The 12th July, 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	650	9	8	16	05	95	21	6	011	77	7	4	5	2	x	66	78
	Chittagong	098	9	8	16	05	97	02	6	007	77	8	6	4	x	x	75	78
	Maijdee Court	100	9	8	13	05	94	01	5	996	79	8	5	5	x	x	77	[illegible]
	Comilla	000	0	8	00	00	96	02	5	005	79	8	4	4	x	x	76	85
	Brahmanbaria	000	0	7	18	05	97	02	2	999	85	4	8	5	7	0	78	92
	Sylhet	005	6	8	00	00	94	02	6	003	82	8	3	4	x	x	77	32
	Srimangal																	
Dacca	Mymensingh	000	0	8	13	05	97	02	2	004	80	8	7	5	x	x	76	81
	Narayanganj	032	9	8	09	05	94	03	6	997	79	8	7	3	x	x	78	86
	Dacca (Tezgaon)	022	9	8	13	05	97	21	6	985	79	7	7	3	2	x	78	80
	Faridpur	023	3	8	16	03	95	02	6	001	80	8	4	6	x	x	79	80
	Barisal	035	9	8	18	03	97	03	6	991	80	8	7	5	x	x	77	80
Rajshahi	Khulna	000	0	8	00	00	96	02	2	985	81	8	5	6	x	x	78	81
	Satkhira	000	0	8	00	00	94	03	2	982	80	x	x	7	x	x	77	84
	Jessore	000	0	4	18	02	96	02	2	973	83	4	4	5	x	0	78	83
	Sirajganj	065	8	8	09	03	97	05	5	975	80	8	7	5	x	0	79	80
	Bogra	073	9	8	09	03	96	20	6	988	79	6	7	4	2	x	78	79
	Dinajpur	022	7	8	09	05	95	66	6	982	79	8	7	6	x	0	77	83
	Rangpur	010	5	7	09	09	96	01	5	xxx	83	7	5	6	x	x	76	84
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	030	0	1	00	00	95	05	0	931	00	1	1	7	0	0	74	03
	Sialkot	000	0	3	13	05	97	03	0	937	95	3	2	6	x	x	74	00
Rawalpindi	Jhelum	000	0	2	00	00	97	02	0	918	00	2	2	7	0	0	72	02
	Rawalpindi	000	0	6	00	00	99	03	1	929	98	4	0	9	7	8	73	00
	Khushab	000	0	0	00	00	99	00	0	930	04	0	0	9	0	0	72	05
Multan	Lyallpur	000	0	4	00	00	96	01	0	920	04	0	0	9	4	0	62	06
	Montgomery	000	0	0	00	00	96	00	0	928	05	0	0	9	0	0	70	06
	Multan	000	0	0	23	02	97	[illegible]	0	926	02	0	0	9	0	0	70	02
Bahawalpur	Leiah																	
	Khanpur	000	0	0	27	03	96	03	0	971	08	0	0	9	0	0	64	09
	Bahawalpur	000	0	0	00	00	97	00	0	923	08	0	0	9	0	0	77	08
	Fort Abbas	000	0	0	27	05	98	00	0	022	08	0	0	9	0	0	64	10
Peshawar	Chakdara	000	0	7	33	03	xx	00		939	95	0	0	8	6	0	73	98
	Peshawar	002	3	7	13	17	96	17	9	956	97	7	3	6	3	0	62	02
	Haripur	000	3	3	23	02	97	02	1	996	98	3	5	6	0	0	85	93
	Campbellpur	000	0	4	18	07	98	01	0	942	03	0	0	9	0	1	77	03
D. I. Khan	Bannu	000	0	4	05	05	97	07	9	916	94	4	0	9	1	0	63	99
	D. I. Khan	000	6	4	00	00	98	03	0	918	05	0	0	9	0	4	87	07
Quetta	Sibi	000	0	0	18	02	99	00	0	918	06	0	0	9	0	0	65	07
Kalat	Nokkundi	000	0	0	34	02	99	02	0	910	05	0	0	9	0	0	21	08
	Turbat	000	0	0	18	02	96	00	0	935	12	0	0	9	0	0	94	14
	Jiwani	000	0	0	23	16	96	05	0	954	91	0	0	9	0	0	85	93
	Pasni	000	0	4	18	12	95	05	0	957	91	4	5	7	0	0	81	93
	Ormara	000	0	0	23	07	98	00	0	956	92	0	0	9	0	0	75	96
	Las Bela	000	0	5	00	00	97	30	3	930	97	4	6	8	8	6	79	06
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	14	95	05	2	960	88	6	6	4	0	0	79	91
	Karachi (Air Port)	000	0	7	23	10	96	03	1	963	89	7	6	4	0	[illegible]	82	91
	Badin	000	0	0	23	02	97	00	0	954	93	0	0	9	0	0	79	96
	Nagarparker	000	0	0	00	00	98	00	0	968	96	0	0	9	0	0	56	98
	Umarkot	000	0	0	23	07	98	00	0	948	97	0	0	9	0	0	75	98
	Hyderabad	000	0	0	23	14	97	00	0	943	95	0	0	9	0	0	75	02
Khairpur	Pad-i-dan	000	0	0	13	07	97	02	0	930	08	0	0	9	0	0	55	10
	Nawabshah	000	0	0	18	07	96	02	0	941	04	0	0	9	0	0	72	06
	Sukkur	000	0	0	00	00	96	00	0	926	06	0	0	9	0	0	73	08
	Kashmore	000	0	0	18	12	99	00	0	xxx	08	0	0	9	0	0	87	xx
	Jacobabad	000	0	0	13	03	96	02	0	930	05	0	0	9	0	0	75	05
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	5	5	27	05	97	02	1	395	74	5	3	3	0	0	60	91
Peshawar	Drosh	000	6	7	23	09	97	17	9	384	87	3	9	6	5	0	43	95
	Cherat	000	3	8	13	17	96	58	5	435	82	8	6	6	0	0	47	91
	Kakul	000	0	5	23	07	98	03	1	402	87	3	3	6	6	0	61	89
	Landi Kotal	003	3	5	02	03	98	xx	x	380	78	1	2	7	6	0	62	93
D.I. Khan	Parachinar	000	0	3	13	02	99	03	0	794	81	0	0	9	3	0	[illegible]	xx
	Miranshah	033	1	4	05	05	xx	03	6	388	88	4	2	7	0	0	64	80
	Wana	000	2	4	09	12	97	50	1	382	87	4	2	9	0		52	93
	Fort Sandeman	000	0	4	16	03	97	03	0	405	97	4	0	9	7	0	58	99
Quetta	Hindubagh	000	4	3	02	02	97	00	0	340	92	0	0	9	0	1	57	53
	Loralai	000	0	3	16	02	98	02	1	475	93	0	0	9	0	3	81	95
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	7	0	0	xx	xx
	Quetta	000	0	1	31	03	96	02	0	373	90	0	2	9	0	0	50	93
	Chaman	000	0	0	27	03	98	00	0	421	98	0		7	0	[illegible]	44	00
Kalat	Kalat	000	0	1	34	05	97	01	1	382	87	1	1	9	0	0	50	91
	Nushki	000	0	0	31	05	97	02	0	419	04	0	0	9	0	0	39	05
	Dalbandin	000	0	0	25	05	96	02	0	480	06	0	0	9	0	0	30	07
	Panjgur	000	0	0	31	02	98	00	0	424	01	0	0	9	0	0	33	02
Afghanistan	Kabul	000	0	0	36	02	99	00	0	455	79	0	0	9	0	0	63	89
	Kandahar																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1959 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	685	9	[illegible]	16	[illegible]	96	02	2	035	79	1	5	7	4	4	78	75	− 8	− 2	56.4	+11.5	72.3	140
	Chittagong	100	9	7	13	05	97	02	6	043	81	5	2	5	2	0	77	75	− 8	− 2	44.3	+14.1	76.1	108
	Maijdee Court	140	9	8	00	00	97	02	6	037	80	2	4	6	2	x	77	75	− 6	− 3	41.7	+13.1	73.5	115
	Comilla	116	9	8	11	07	94	03	2	034	81	8	7	3	x	x	76	78	− 3	0	22.2	− 2.1	48.1	94
	Brahmanbaria	000	9	5	13	05	97	01	6	037	82	2	8	7	7	1	71	78	—	—	71.2	—	119.1	76
	Sylhet	005	0	7	00	00	[illegible]	03	3	045	81	6	4	5	4	0	76	76	+ 2	0	26.6	+ 2.1	60.5	—
	Srimangal																							98
Dacca	Mymensingh	000	0	8	09	02	98	02	2	045	81	8	4	5	x	x	77	77	− 7	− 1	26.5	+ 2.2	48.6	91
	Narayanganj	041	9	8	11	07	94	03	2	034	81	8	7	3	x	x	76	78	− 9	− 1	21.2	+ 3.7	42.4	74
	Dacca (Tezgaon)	027	9	8	13	03	96	50	6	028	80	4	7	3	2	x	78	78	—		21.4	—	38.0	—
	Faridpur	023	9	8	16	02	95	03	0	012	81	8	5	6	0	0	76	76	8	− 2	16.1	− 1.5	44.3	71
	Barisal	199	8	8	36	03	97	03	6	032	81	6	0	5	4	x	75	xx	− 7	x	32.0	+10.8	47.0	81
Rajshahi	Khulna	000	0	8	00	00	95	02	2	029	78	8	5	6	x	x	77	78	− 7	0	26.2	+ 8.1	46.7	68
	Satkhira	016	[illegible]	8	00	00	94	03	2	022	82	x	x	7	x	x	80	[illegible]	− 4	0	20.3	+ 2.7	38.3	65
	Jessore	000	0	8	07	05	96	03	2	025	82	8	7	5	x	x	79	79	—	—	12.6	− 4.2	28.6	65
	Sirajganj	065	9	8	13	02	98	02	5	024	80	8	4	5	0	0	77	77	− 8	− 1	14.6	− 2.5	39.6	64
	Bogra	073	0	7	09	03	96	51	2	032	82	6	7	4	2	0	78	78	− 10	− 1	15.5	− 3.0	34.6	69
	Dinajpur	022	3	8	00	00	96	02	6	030	80	8	4	7	x	x	77	78	− 6	0	17.6	− 3.0	35.0	72
	Rangpur	026	2	8	13	02	96	51	5	xxx	79	8	5	6	x	0	78	78	− 5	0	28.3	+ 2.9	49.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	041	9	1	05	02	96	05	9	985	84	1	0	9	3	0	74	77	+ 3	− 3	2.8	− 0.9	6.7	19
	Sialkot	120	6	3	00	00	98	01	6	979	85	2	0	9	4	6	70	75	+ 2	− 5	12.9	+ 6.3	18.8	32
Rawalpindi	Jhelum	126	9	7	00	00	98	02	9	990	82	2	1	6	7	0	76	73	—	—	4.1	—	19.4	—
	Rawalpindi	003	9	3	09	02	99	01	9	999	80	1	1	8	7	0	70	75	+ 2	− 2	11.9	+ 7.2	25.0	36
	Khushab	000	0	5	09	02	95	03	5	989	80	5	3	6	0	0	69	75	+ 2	− 7	7.4	+ 4.8	12.9	15
Multan	Lyallpur	000	0	6	29	02	96	02	3	990	84	0	0	9	5	0	70	82	+ 4	0	1.4	− 1.0	4.1	12
	Montgomery	000	0	0	00	00	96	00	0	986	88	0	0	9	0	0	73	83	+ 3	+ 1	0	− 2.2	2.3	10
	Multan	000	0	0	05	09	96	07	0	966	[illegible]	0	0	9	0	0	[illegible]	[illegible]	0	+ 1	2.1	+ 0.8	4.1	7
Bahawalpur	Leiah																							8
	Khanpur	000	0	0	25	07	96	03	0	967	89	0	0	9	0	0	77	85	+ 4	+ 2	0.2	− 1.0	1.0	6
	Bahawalpur	000	0	0	25	02	97	00	0	970	89	0	0	9	0	0	74	84	+ 5	0	0	− 1.1	1.0	6
	Fort Abbas	000	0	0	36	05	98	00	2	974	98	0	0	9	0	0	73	xx	—	—	0	—	0.3	4
Peshawar	Chakdara	025	0	0	09	03	99	00	0	007	71	0	0	9	0	1	66	66	—	—	1.8	—	17.4	—
	Peshawar	002	9	1	13	03	96	05	9	999	84	1	[illegible]	9	3	0	69	xx	0	x	2.0	+ 1.3	14.9	14
	Haripur	080	5	4	05	02	97	03	2	983	84	4	6	6	0	0	63	77	—	—	5.5	—	16.4	—
	Campbellpur	001	9	4	05	03	98	03	9	018	08	0	0	9	5	0	73	58	—	—	4.2	—	18.2	—
D. I. Khan	Bannu	000	3	3	00	00	99	05	9	986	83	3	0	9	5	0	69	83	—	—	6.5	—	13.5	11
	D. I. Khan	000	2	3	05	02	98	01	1	984	87	0	0	9	0	3	74	[illegible]	+ 3	− 3	5.9	+ 4.5	9.7	10
Quetta	Sibi	000	2	5	03	02	98	03	1	958	88	8	0	9	3	0	74	80	—	—	1.4	—	1.7	5
Kalat	Nokkundi	000	0	0	34	09	99	02	0	957	91	0	0	9	0	0	44	82	—	—	0	—	1.1	2
	Turbat	000	0	0	23	02	96	00	0	978	86	0	0	9	0	0	76	xx	—	—	1.6	—	6.0	—
	Jiwani	000	0	2	09	05	96	02	0	984	85	2	0	4	0	0	79	81	—	—	0	—	5.6	4
	Pasni	000	0	0	23	00	98	00	0	982	84	0	0	9	0	0	79	80	+ 1	+ 2	0	− 0.4	2.5	6
	Ormara	000	0	4	27	03	98	02	1	975	86	4	4	7	0	0	79	83	—	—	0	− 0.1	1.9	6
	Las Bela	000	0	0	00	00	98	00	0	973	87	0	[illegible]	9	0	0	79	84	—	—	0	—	0.2	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	3	25	05	96	01	1	980	85	3	6	4	0	0	79	83	+ 2	+ 2	5.4	+ 3.9	5.4	8
	Karachi (Air Port)	000	0	6	27	07	97	03	1	983	85	6	5	6	0	0	81	83	—	—	7.7	—	8.0	—
	Badin	000	0	0	23	02	96	00	0	986	84	0	0	9	0	0	83	80	+ 1	− 1	1.1	− 1.2	1.1	9
	Nagarparker	000	0	0	00	00	96	00	0	985	89	0	0	9	0	0	53	78	—	—	2.4	—	2.4	—
	Umarkot	000	0	8	20	05	98	00	0	979	82	8	0	9	4	0	77	75	—	—	2.7	—	3.5	—
	Hyderabad	000	0	3	23	05	97	03	0	975	85	0	0	9	0	1	77	82	+ 3	+ 1	2.7	+ 0.9	2.9	7
Khairpur	Pad-i-dan	000	0	0	13	14	96	02	0	964	85	0	0	9	0	0	76	81	—	—	3.5	—	3.8	—
	Nawabshah	000	0	1	18	09	96	03	0	970	84	0	0	9	0	1	71	81	—	—	1.9	—	2.6	—
	Sukkur	000	0	0	00	00	96	00	0	965	86	0	0	9	0	0	77	82	—	—	0.8	—	1.8	4
	Kashmore	000	0	0	18	07	99	00	0	xxx	xx	0	0	9	0	0	77	87	—	—	0.2	—	1.2	—
	Jacobabad	000	0	0	11	05	96	02	0	970	88	0	0	9	0	0	79	83	− 4	− 2	3.1	+ 2.8	3.8	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar	000	0	2	00	00	98	01	1	068	55	0	0	9	0	1	27	46	—	—	—	—	—	—
	Aliabad																							
	Gilgit																							5
Rawalpindi	Murree	014	9	5	29	02	98	02	9	426	68	5	5	6	0	0	50	57	+ 7	− 2	17.0	+ 8.7	42.2	59
Peshawar	Drosh	000	9	0	00	00	98	02	0	[illegible]	75	0	0	9	0	0	54	67	− 1	− 6	1.0	—	30.1	18
	Cherat	000	0	0	31	01	97	05	1	439	75	0	0	[illegible]	0	0	49	69	+ 2	+ 2	2.5	+ 0.2	12.6	29
	Kakul	000	0	1	18	02	97	03	0	433	75	1	4	7	0	0	61	66	—	—	14.7	—	33.5	—
	Landi Kotal	003	0	1	00	00	99	01	0	428	77	1	1	9	0	0	58	66	—	—	1.8	—	16.9	—
D.I. Khan	Parachinar	0 0	0	0	13	02	99	00	0	796	70	0	0	9	0	0	56	xx	—	—	6.4	—	20.4	29
	Miranshah	033	0	4	00	00	99	01	2	410	81	6	0	6	4	0	61	74	—	—	1.3	− 0.2	4.3	13
	Wana	000	0	3	00	00	96	00	6	423	78	3	0	9	6	0	53	75	—	—	0.1	—	9.1	—
	Fort Sandeman	000	0	0	02	03	97	02	0	426	79	0	0	9	0	0	65	77	− 1	+ 2	1.4	0	10.1	11
Quetta	Hindubagh	000	0	0	11	02	98	00	0	379	76	0	0	9	0	0	55	75	—	—	0.9	—	9.0	—
	Loralai	000	0	0	00	00	98	00	0	438	76	0	0	9	0	0	65	64	—	—	3.8	—	8.6	—
	Harnai	000	0	0	27	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	1.1	− 0.3	5.4	14
	Quetta	000	0	0	00	00	95	00	0	412	75	0	0	9	0	0	61	75	—	—	1.1	+ 0.9	6.7	8
	Chaman	000	0	0	13	02	98	02	0	417	83	0	0	9	0	0	43	72	− 2	− 4	0.1	+ 0.1	6.2	7
Kalat	Kalat	000	0	0	13	02	98	02	0	429	76	0	0	9	0	0	51	61	0	− 1	0	− 0.4	5.2	9
	Nushki	000	0	0	09	05	97	02	0	420	88	0	0	9	0	0	43	82	—	—	0.3	—	2.1	—
	Dalbandin	000	0	0	00	00	97	02	0	413	81	0	0	9	0	0	35	70	− 2	− 8	0	0	2.1	5
	Panjgur	000	0	0	31	03	98	00	0	421	80	0	0	9	0	0	51	71	− 1	− 6	0.2	—	1.9	4
Afghanistan	Kabul	000	0	2	36	00	99	00	0	481	72	0	0	9	0	0	61	58	—	—	—	—	—	12
	Kandahar																							—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 12th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C $h_s h_s$	0 $T_sT_sT_dT_d$	$I_dd_dPH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Vallecia	73 142	503 00	8 23 10	98 13 1	011 86	0x 4 xx	54 70 2	...	0 05 71	1 23 34
Taihomaru	73 127	736 00	6 20 20	98 03 1	060 81	21 4 20	75 71 5	...	0 52 75	—
Sirdhana	73 217	626 06	8 22 24	97 05 2	995 84	36 3 07	54 80 5	...	0 01 77	1 22 49
Saronia	73 262	556 06	6 17 03	96 06 1	983 88	80 9 xx	75 21 4	...	0 41 80	1 18 20
Kampala	73 241	667 12	6 25 18	97 03 1	971 84	64 5 00	56 40 0	...	0 51 79	1 23 34
Isomera	73 140	491 12	0 24 20	98 02 0	028 86	00 9 00	26 71 8	...	0 03 77	1 20 22
Dwarka	73 260	569 12	0 23 03	96 06 0	966 93	00 9 00	35 71 5	...	0 00 82	1 23 20
Karanja	73 254	575 15	1 23 03	96 06 1	966 93	10 8 04	35 40 0	...	0 01 84	1 23 21
Kampala	73 227	661 18	7 24 18	97 02 2	994 81	54 4 10	55 20 3	...	0 51 79	1 23 41
Taihomaru	73 154	706 18	8 28 28	97 03 8	050 84	36 3 2x	75 40 0	...	0 53 78	...
Clanchattan	73 129	575 18	8 22 30	97 02 0	057 79	00 9 00	73 20 2	...	0 01 77	1 23 40
Isomera	73 146	507 18	2 22 12	98 02 1	041 84	2x x 41	26 22 3	...	0 01 77	1 23 22
Alhalan	73 188	704 18	5 27 18	96 02 2	029 83	3x 4 xx	73 40 0	...	0 00 78	1 27 54

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	HHHTTT $T_dT_dT_d$ (At surface and Standard Isobaric Levels)								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	—	Misda	...		...	—	—	—	...	—		—	...
Jiwani ...														
Karachi ...	00 00	995 292 255	518 xxx xxx	—	400 258 162	..	085 142 012	364 060 999	836 520 999	579 672 999	973 750	254 970	438 135	679 252
Lahore ...	00 00	974 250 220	000 008 518	..	490 210 170	...	042 092 999	303 032 999	761 530 999	505 595 999	689 678	—	...	...
Multan ...														
Peshawar ...														
Quetta ...	00 00	825 212 122	..	..	...	...	118 025 548	425 088 999	906 508 999	651 620 999	—	.	—	—

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached $PPPTTT T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	Misda	...	...	...	...		...	...	..	...	—
Jiwani ...													
Karachi ...	00 00	900 228 212	800 232 102	...	—	...	—	..	—	—	500 272 102	—	—
Lahore ...	00 00	—	...	...	...	...	...	...	...	...	300 678 999	...	...
Multan ...													
Peshawar ...													
Quetta ...	00 00	800 218 092	755 232 538	510 000 999	...	...	...	...	...	...	510 000 999	...	—

PPP—Pressure in hundreds tens and units of millibars.
TTT: TdTdTd: Dry Bulb: Dew Point temperatures (in tenths of oC)
HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	13 14	13 20	13 24	13 22						12 10						...	...		...		...	...	...	...	...	...
Chaklala ...	...	17 05	14 04	02 01	34 05	30 12	29 09	32 02	30 12	...	35 03	14 02	36 03	11 09	13 08	...	...	...	...		...	...	...	...	...	...
Chhor ...	31 15	23 13	23 11	21 07	16 10	12 09	11 12	10 17	07 17	22 23	23 26	22 27	21 34	...		...	...		...		...	...	...	...	...	...
Chittagong ...	16 21	...	...	...	...	...	...		—	...	...	...	...	...	...	18 10	18 15	18 17	17 15	16 15	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	..	...	..	...	..					...	...						...	...	...	...		
Dacca ...	13 18	...							...	14 12	14 09	17 07	23 06			17 06	15 09	14 08	12 08	12 12	13 12	...	...	...	...	...
Dalbandin ...	...	...	25 03	27 12	27 08	22 07	22 09	20 08	23 07	...	...	26 05	01 09	36 07	31 04	...	...	24 03	21 05	19 07	16 07	13 06	12 05	12 12	03 12	03 15
D. I. Khan ...	...	...	...					...	..	...	...	...				...	...	...								
Drosh ...	...	...	...		21 14	20 11	20 16	...		...	...	...	23 01	23 08	26 05	...	...	...		22 03	13 01	01 01	09 02	05 03	10 06	03 09
Fort Sandeman ...	...	..		19 04	19 04	18 04	30 06	33 14	31 19	...	...		05 07	16 07	30 14			...	04 03	34 02	29 1'	28 09	22 05	28 04	36 09	
Jacobabad ...	17 08	18 05	19 05	24 05	23 03	36 05	05 07	33 10	33 11	17 19	19 15	20 12	21 09	22 10	26 07	15 07	15 06	17 06	23 05	29 02	05 07	02 11	32 05	35 04	32 06	31 36
Jessore ...	No	Ascent								15 12	17 11	18 12				15 11	16 11	18 08	19 08							
Jhelum ...	19 02	18 01	18 02	20 03	35 05	35 08	36 12	31 12	28 16	01 03	10 08	12 09	26 05	24 09	27 10	13 01	04 01	05 03	28 03	34 03	32 06	32 08	32 13	31 11	27 19	27 19
Jiwani ...	23 07	23 03	27 06	28 09	28 07	32 08	01 11	03 16	08 05	20 06	20 08	24 11	31 15	31 15	35 04	09 04	26 05	28 09	30 09	26 05	28 09	30 09	24 05	—	...	
Karachi ...	26 13	28 11	28 09	28 09						27 14	28 14	29 17	31 13	35 09		23 09	25 12									
Khanpur ...	19 07	20 08	21 10	23 10	25 09	28 05	30 02	01 02	04 12	22 28	24 37	25 33	27 21	28 15	31 16	25 12	29 12	29 11	26 05	21 06	15 08	11 12	03 14	32 22	27 17	29 11
Lahore ...	07 05	09 05	14 04	21 03	30 05	34 09	35 11	34 09	27 15	07 13	13 13	10 06	17 03	29 12	33 12	04 04	06 07	07 07	06 03	35 04	36 10	34 10	32 14	33 10	28 08	26 23
Multan ...	21 05	21 08	21 07	18 07	24 07	31 05	35 08	34 08	08 05	17 13	20 14	24 11	25 15	25 10	31 09	36 12	06 12	10 10	13 12	14 10	25 05	27 10	33 13	33 12	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	.	...	.	...	...	...	...	...	...	...
Panjgur ...	...					...	...	...	...	...						...	..	...	...	..	...	...		...	...	...
Peshawar ...	...	14 19	16 29	17 35	24 24		...		...	..	31 01	04 06	18 04	26 08	30 08	...			...		...				...	
Quetta ...	..			..	29 08	26 06	26 04	25 06	34 18	...		..		03 04	08 02	...	...	...	...	29 12	17 03	18 04	34 08	33 36	33 08	31 00
Sharjah ...		...	...				...	...	...	...	...		...					...	...	...	...		...	...	...	...
Sylhet ...	18 07	16 08	10 08	10 09	11 16	12 17	...	...	...	13 03	15 03	18 05	07 03	11 08	10 12	09 03	29 03	...		...	...	...		...	...	
Veraval ...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...		...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Misda																	
Karachi ...	27 20	28 12	30 10	32 14	02 12	05 20	06 24	04 31	04 29	05 15	08 15	10 12	13 09	14 13	13 08	08 17	...	...
Peshawar ...																		
Quetta ...																		

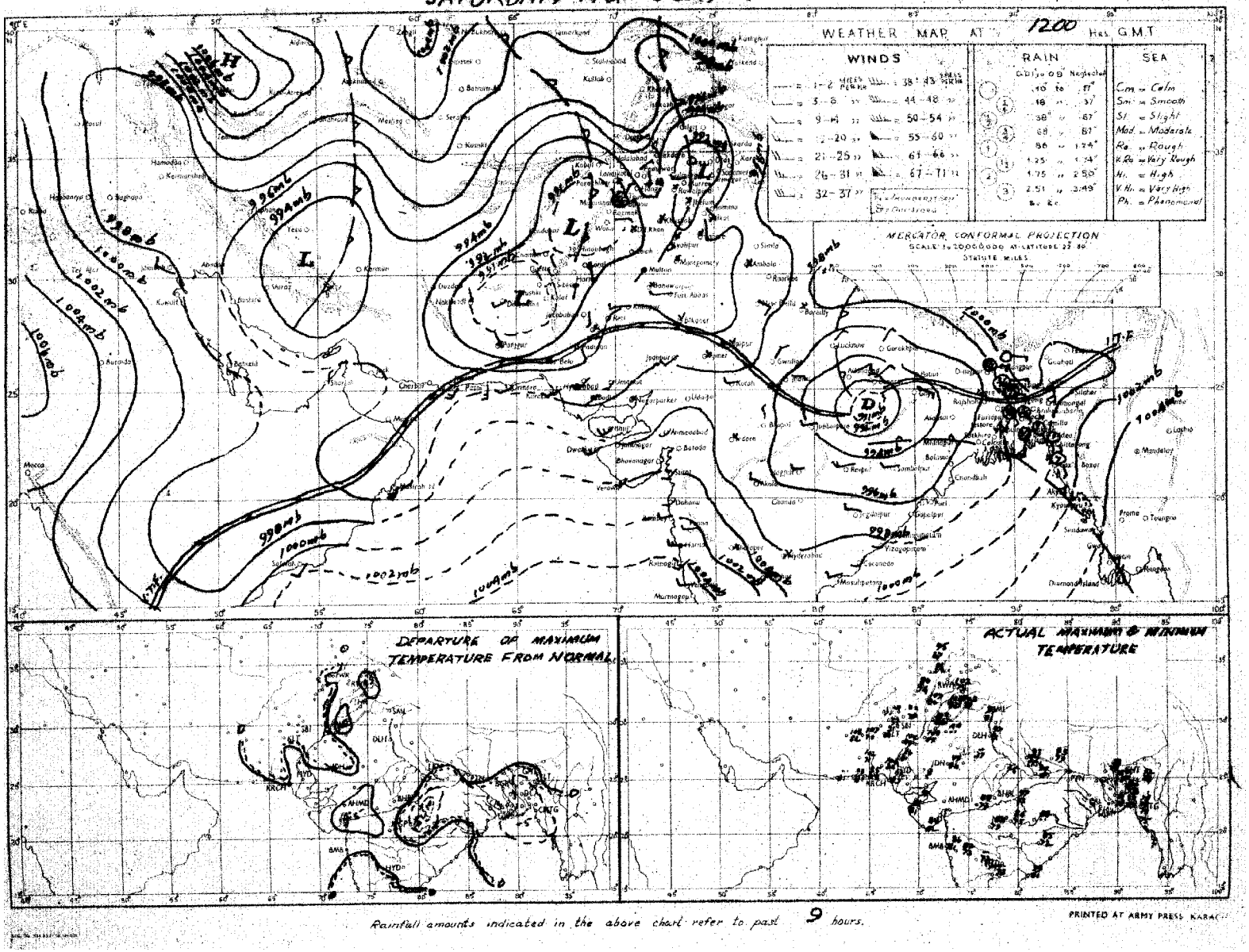
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted

Cloud observation Data (GGiii Cddv,v, etc.)

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

PAKISTAN DAILY WEATHER MAP

SATURDAY, 11th JULY, 1959.



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

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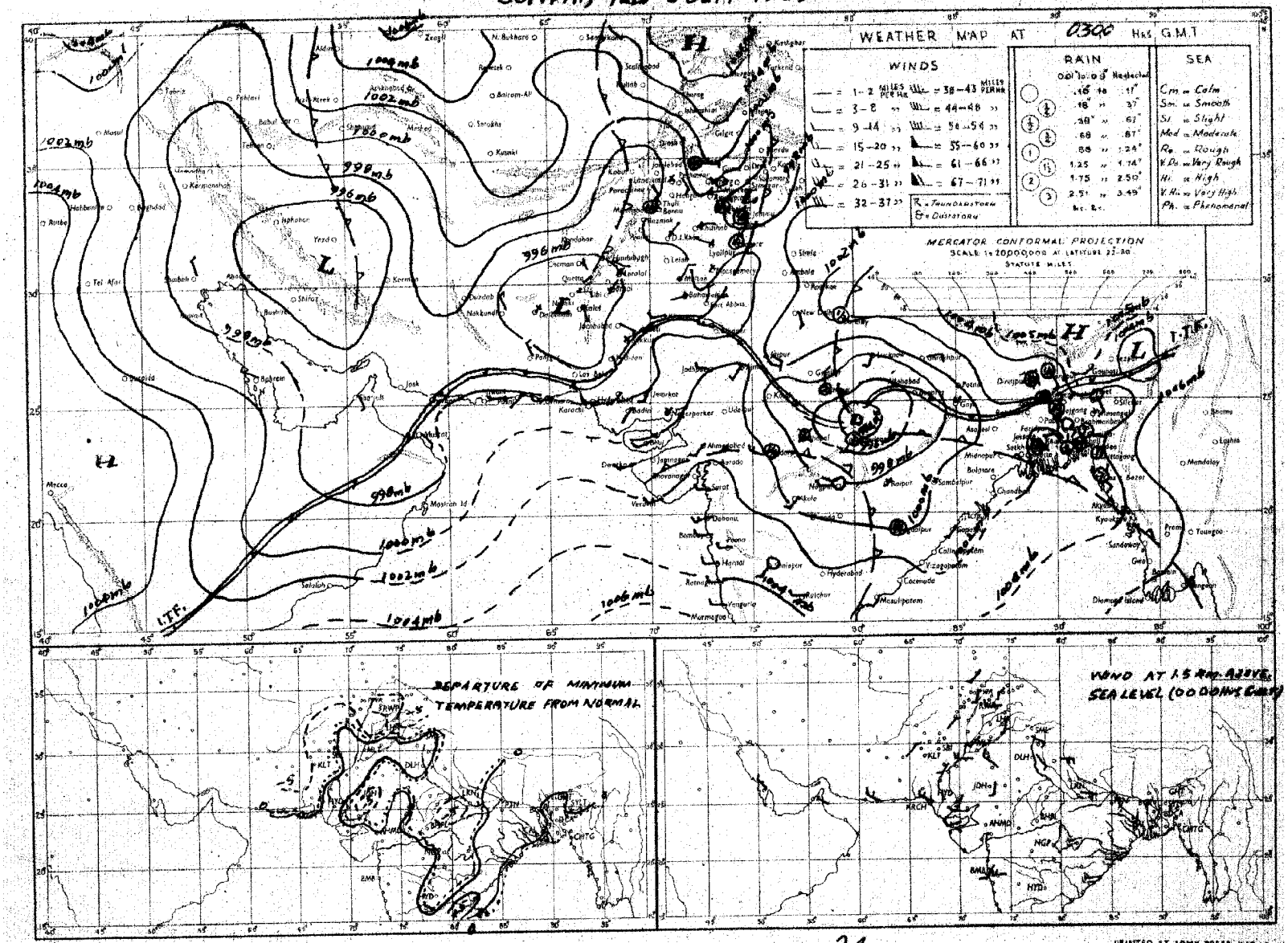
PAKISTAN DAILY WEATHER MAP

SUNDAY, 12th JULY, 1959



DEPARTURE OF MINIMUM TEMPERATURE FROM NORMAL.

WIND AT 1.5 Km. ABOVE SEA LEVEL (000 DOWNS EAST)

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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

MONDAY THE 13th JULY, 1959.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's depression moved westnorthwestwards and lies at 13,0300 G. M.T. about 70 miles southeast of Kotah. It is likely to continue move in the same direction.

A low lies over West Rajasthan and adjoining Bahawalpur division.

Yesterday's low pressure wave is moving across Rawalpindi division.

Scattered thunderstorms have occurred in Multan division and scattered light rain in D. I. Khan division.

Conditions are markedly unsettled in northwest and adjoining central Bay of Bengal.

Local rain/thnndershowers have occurred in East Pakistan.

Chief amounts of rainfall are: Srimangal 2", Barisal 3/4", Sylhet and Sirajganj ½" each and Chittagong and Brahmanbaria ¼" each.

Day temperatures were 3—4 °F below normal in Rajshahi division.

Forecast valid until the evening of 14th July, 1959. Fairly widespread rain/thundershowers will occur in Chittagong division and local in Dacca and Rajshahi divisions. Local thnnderstorms/showers are also likely to occur in Hyderabad, Khairpur, Multan, Bahawalpur, Lahore, Rawalpindi divisions and Kashmir.

Karachi-11
The 13th July, 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amounts of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	1	7	16	05	96	03	6	013	81	3	4	6	1	2	77	85
	Chittagong	000	0	8	20	05	97	02	2	015	83	4	2	6	2	2	78	87
	Maijdee Court	000	9	4	18	04	97	02	1	003	85	3	0	9	1	1	78	86
	Comilla	000	0	5	00	00	96	03	0	C02	84	5	4	5	0	0	78	89
	Brahmanbaria	000	0	8	00	00	96	03	2	014	84	4	4	4	2	x	80	87
	Sylhet	000	0	7	27	02	96	03	2	998	84	3	3	6	2	0	78	90
	Srimangal	000	4	7	00	00	96	17	9	005	87	7	3	4	0	0	79	90
Dacca	Mymensingh	000	0	6	13	02	98	02	2	005	85	2	2	5	0	4	76	88
	Narayanganj	000	9	6	00	00	94	03	2	974	85	3	0	8	2	1	77	86
	Dacca (Tezgaon)	001	9	5	00	00	97	01	6	993	84	1	5	5	4	8	78	85
	Faridpur	000	8	6	00	00	96	01	2	000	83	3	4	8	1	0	79	84
	Barisal	030	9	6	00	00	97	03	6	997	82	4	6	5	4	0	78	83
Rajshahi	Khulna	000	0	6	00	00	96	03	1	003	81	6	5	7	0	0	77	88
	Satkhira	000	0	8	00	00	95	03	2	C01	83	x	x	x	x	x	79	86
	Jessore	000	0	8	18	02	96	02	2	994	81	8	4	5	x	x	78	84
	Sirajganj	061	8	8	00	00	98	02	6	995	83	0	0	9	0	4	76	84
	Bogra	001	6	6	00	00	96	02	5	998	82	3	5	6	8	0	78	83
	Dinajpur	000	8	3	00	00	96	01	2	998	84	0	0	9	0	1	77	87
	Rangpur	012	0	5	09	00	96	01	6	xxx	85	2	5	6	2	0	76	86
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	05	02	95	05	0	961	97	1	1	7	0	0	74	00
	Sialkot	000	0	0	00	00	98	00	0	960	97	0	0	9	0	0	74	98
Rawalpindi	Jhelum	000	0	0	00	00	98	02	0	959	96	0	0	9	0	0	76	98
	Rawalpindi	000	0	0	00	00	99	00	0	947	96	0	0	9	0	0	69	97
	Khushab	000	0	3	00	00	99	02	1	954	97	3	3	6	0	0	81	99
Multan	Lyallpur	000	0	7	00	00	96	17	9	944	99	7	3	8	0	0	77	01
	Montgomery	000	0	0	00	00	96	00	0	956	04	0	0	9	0	0	71	06
	Multan	000	0	0	31	03	97	02	0	944	03	0	0	9	0	0	74	04
Bahawalpur	Laiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khanpur	000	0	0	05	03	96	02	0	947	05	0	0	9	0	0	73	60
	Bahawalpur	000	0	0	23	03	97	00	0	942	08	0	0	9	0	0	73	08
	Fort Abbas	000	0	4	02	02	98	03	0	944	05	4	2	6	0	0	68	10
Peshawar	Chakdara	000	0	0	27	02	99	00	0	927	95	0	0	9	0	0	70	96
	Peshawar	000	0	2	18	03	97	02	0	949	01	2	0	9	3	0	45	02
	Haripur	000	3	3	23	02	96	02	1	944	88	3	5	6	0	0	85	92
	Campbellpur	000	0	0	16	05	98	00	1	976	99	0	0	9	0	0	75	01
D. I. Khan	Bannu	000	0	0	13	01	99	00	0	954	97	0	0	9	0	0	66	97
	D. I. Khan	000	6	3	00	00	98	03	0	953	99	0	0	9	0	0	80	C0
Quetta	Sibi	000	9	4	18	02	98	03	0	937	06	4	0	9	3	0	48	07
Kalat	Nokkundi	000	0	0	34	05	99	02	0	911	07	0	0	9	0	0	32	08
	Turbat	000	0	6	23	02	96	03	0	942	12	6	0	9	6	0	xx	12
	Jiwani	000	0	1	23	10	96	01	0	963	88	1	5	5	0	0	79	94
	Pasni	000	0	0	20	16	97	00	0	968	90	0	0	9	0	0	82	93
	Ormara	000	0	0	18	09	98	00	0	958	91	0	0	9	0	0	75	96
	Las Bela	000	0	3	00	00	98	30	3	912	99	3	8	8	0	0	82	C6
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	27	12	97	01	1	978	87	4	6	4	0	0	79	91
	Karachi (Air Port)	000	0	6	23	09	96	01	2	973	88	6	5	5	0	0	83	91
	Badin	000	0	0	23	02	97	00	0	976	94	0	0	9	0	0	80	97
	Nagarparker	000	0	0	23	02	96	00	0	976	98	0	0	9	0	0	86	00
	Umerkot	000	0	7	20	09	98	02	0	960	97	7	0	9	4	0	71	99
	Hyderabad	000	0	1	18	10	97	01	1	962	97	0	0	9	0	1	74	99
Khairpur	Pad-i-dan	000	0	0	13	12	97	02	0	946	05	0	0	9	0	0	59	06
	Nawabshah	000	0	4	18	07	96	03	0	955	01	0	0	9	0	2	72	03
	Sukkur	000	0	0	00	00	96	00	0	938	07	0	0	9	0	0	70	08
	Kashmore	000	0	0	23	14	99	00	0	xxx	08	0	0	9	0	0	87	xx
	Jacobabad	000	0	0	13	03	96	02	0	943	06	0	0	9	0	0	59	07
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	000	0	3	00	00	98	01	1	004	73	0	0	9	0	1	19	74
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	6	31	03	97	02	1	402	72	6	3	6	0	0	62	75
Peshawar	Drosh	000	0	2	23	07	98	03	0	388	93	2	2	7	0	0	42	96
	Cherat	000	0	2	18	03	96	05	4	430	83	0	0	9	0	8	67	93
	Kakul	000	6	1	20	05	98	01	7	425	86	1	2	7	0	0	59	87
	Landi Kotal	000	0	1	13	03	99	01	0	408	91	0	0	9	0	3	54	94
	Parachinar	000	0	5	00	00	99	03	0	795	82	4	0	9	3	3	53	xx
D.I. Khan	Miranshah	000	0	4	05	02	99	03	1	411	91	4	0	8	4	0	64	xx
	Wana	009	1	6	13	10	98	60	2	403	79	6	5	8	0	(	49	92
	Fort Sandeman	000	0	7	07	10	97	03	0	415	92	7	5	6	0	0	64	99
Quetta	Hindubagh	000	0	0	23	01	98	00	0	357	94	0	0	9	0	0	65	14
	Loralai	000	0	6	16	02	98	02	1	456	91	0	0	9	0	3	79	93
	Harnai	000	0	4	09	02	98	02	0	xxx	xx	x	x	x	x	x	xx	xx
	Quetta	000	0	4	18	03	96	02	0	442	87	4	0	8	3	0	67	94
	Chaman	000	0	0	27	02	98	00	0	398	00	0	0	9	0	0	48	02
Kalat	Kalat	000	0	6	09	06	97	02	2	408	85	6	4	7	0	0	55	92
	Nushki	000	0	0	27	02	97	02	0	462	06	0	0	9	0	0	34	08
	Dalbandin	000	0	0	27	03	97	02	0	406	00	0	0	9	0	0	35	C8
	Panjgur	000	0	0	31	03	98	00	0	428	03	0	0	9	0	0	34	04
Afghanistan	Kabul	000	0	0	36	02	99	00	0	463	82	0	0	9	0	0	37	98
	Kandahar																	

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 cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	004	9	5	16	09	96	01	6	040	83	1	3	7	0	6	75	76	— 1	— 1	56.5	+ 2.0	72.3	140
	Chittagong	002	9	6	05	02	97	02	6	045	83	4	4	6	2	0	77	77	+ 1	0	44.6	+ 3.8	76.6	108
	Maijdee Court	000	9	8	00	00	97	02	2	044	82	2	1	6	2	x	78	78	0	0	41.7	+ 3.5	73.5	115
	Comilla	000	0	8	10	00	96	02	2	034	82	8	4	5	x	x	79	79	+ 1	+ 1	21.7	— 2.9	47.7	94
	Brahmanbaria	023	3	8	09	02	96	23	6	044	80	8	5	5	x	x	79	77	—	—	—	—	—	76
	Sylhet	051	9	8	13	05	96	29	9	038	80	3	4	5	6	x	78	78	—	—	71.7	—	119.7	—
	Srimangal	224	9	7	00	00	96	02	9	047	80	7	4	5	0	0	77	76	0	0	28.9	+ 4.7	62.7	98
Dacca	Mymensingh	000	0	8	00	00	97	02	2	049	81	8	4	7	x	x	80	80	0	+ 2	26.5	+ 1.8	40.6	91
	Narayanganj	004	2	8	11	05	94	03	9	037	81	4	5	4	2	x	77	79	— 3	0	21.2	+ 3.3	42.5	74
	Dacca (Tezgaon)	001	2	8	13	02	97	21	6	035	80	4	4	4	2	x	78	79	—	—	21.4	—	38.0	—
	Faridpur	000	9	8	09	C2	96	03	0	998	81	8	5	7	x	x	78	76	— 4	— 2	16.1	— 1.9	44.3	71
	Barisal	080	4	6	13	02	97	03	6	035	82	6	7	5	0	0	79	76	— 4	— 3	32.8	+ 11.3	47.8	81
Rajshahi	Khulna	000	0	8	09	03	95	03	2	xxx	xx	8	5	5	x	x	79	77	0	— 1	26.2	+ 7.6	46.7	68
	Satkhira	0ʻ0	.	8	00	00	95	03	2	033	84	8	6	8	x	x	79	78	— 2	0	20.3	+ 2.2	38.3	65
	Jessore	C00	0	7	09	05	97	03	1	044	82	3	8	6	6	0	79	77	—	—	12.6	+ 4.5	28.6	65
	Sirajganj	061	9	8	00	C0	98	02	5	023	83	8	4	6	x	x	79	78	— 4	0	15.2	— 2.2	40.2	64
	Bogra	015	9	6	09	02	96	03	6	040	89	6	4	6	x	0	78	79	— 6	0	15.7	+ 2.2	34.7	68
	Dinajpur	000	3	8	00	00	96	02	2	041	84	8	4	7	x	x	78	79	— 2	+ 1	17.6	— 3.3	35.8	72
	Rangpur	012	0	8	09	02	96	03	6	xxx	84	8	5	6	x	x	80	79	— 3	+ 1	28.4	+ 2.5	49.3	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	95	05	0	017	87	1	1	7	0	5	76	82	0	+ 2	2.8	— 1.1	6.7	19
	Sialkot	00	0	3	00	00	98	03	0	009	89	3	4	6	0	0	75	82	0	+ 2	12.9	+ 6.0	18.8	32
Rawalpindi	Jhelum	000	3	0	00	00	97	02	1	010	90	.	0	9	0	0	75	81	—	—	4.1	—	19.4	—
	Rawalpindi	C00	0	1	00	00	99	01	0	003	88	1	0	9	7	0	73	80	— 1	+ 3	11.9	+ 6.9	25.0	36
	Khushab	000	0	0	09	02	99	00	0	010	87	0	0	9	0	0	75	78	— 4	— 3	7.4	+ 4.9	12.9	15
Multan	Lyallpur	000	0	6	C0	C0	96	02	9	998	88	6	0	9	5	0	75	83	— 1	+ 1	1.4	— 1.1	4.1	12
	Montgomery	000	0	6	00	00	96	C0	0	C05	90	0	0	9	0	0	73	8-	+ 3	+ 2	0	— 2.3	2.3	10
	Multan	000	0	6	13	03	96	05	0	983	93	0	0	9	0	0	76	90	+ 2	+ 5	2.1	+ 0.7	4.1	7
Bahawalpur	Laiah	000	0	6	00	00	95	08	0	012	90	2	4	8	3	0	88	82		—	0.5	—	2.4	8
	Khanpur	C00	0	6	27	03	96	02	0	989	90	0	0	9	0	0	80	87	+ 1	+ 4	0.2	1.1	1.0	6
	Bahawalpur	000	0	0	00	00	97	00	0	988	92	0	0	9	0	0	71	86	+ 5	+ 2	0	— 1.1	1.0	6
	Fort Abbas	000	0	0	00	00	98	00	0	989	93	0	0	9	0	0	73	86	—	—	0	—	0.3	4
Peshawar	Chakdara	000	0	0	00	00	99	00	0	001	82	0	0	9	0	0	60	69	—	—	1.8		17.4	—
	Peshawar	000	0	5	31	03	96	C5	0	008	86	5	7	3	0	0	72	81	0	+ 1	2.0	+ 1.3	14.9	14
	Haripur	000	0	0	23	04	97	C0	0	956	86	0	0	9	0	0	70	78	—	—	5.5	—	16.4	—
	Campbellpur	000	0	0	05	05	98	00	0	965	88	0	0	9	0	0	80	64	—	—	4.2	—	18.2	—
D. I. Khan	Bannu	000	0	0	C0	C0	96	C5	0	997	90	1	0	9	0	0	52	82	—	—	6.5	—	13.5	11
	D. I. Khan	000	0	3	36	02	98	C3	1	C02	88	3	0	9	3	0	80	82	— 4	— 1	5.9	+ 4.4	9.7	10
Quetta	Sibi	000	0	0	27	02	99	C0	0	981	91	0	0	9	0	0	69	80	—	—	1.4	—	1.7	5
Kalat	Nokkundi	000	0	0	00	C0	99	02	0	961	90	0	0	9	0	0	39	80	—	—	0	—	1.1	2
	Turbat	000	0	2	23	02	95	03	0	989	87	2	0	9	2	0	78	xx	—	—	1.6	—	6.0	—
	Jiwani	000	0	8	13	03	96	02	2	993	84	4	6	4	5	0	77	82	—	—	0	—	5.6	4
	Pasni	C00	0	7	20	09	97	C2	0	996	85	7	0	9	5	0	78	81	+ 1	+ 3	0	— 0.4	2.5	6
	Ormara	000	0	6	00	00	98	02	1	996	86	6	4	5	0	0	79	83	—	—	0	— 0.1	1.9	6
	Las Bela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	10	96	03	2	994	84	6	6	4	0	0	79	83	+ 2	+ 2	—	—	—	8
	Karachi (Air Port)	000	0	7	27	05	96	03	1	995	85	7	5	5	0	0	76	82	—	—	7.7	—	8.0	—
	Badin	000	0	0	23	02	96	00	0	996	83	0	0	9	0	0	79	81	+ 2	0	1.1	— 1.2	1.1	9
	Nagarparker	000	0	0	27	03	95	00	0	987	84	0	0	9	0	0	75	79	—	—	2.4	—	2.4	—
	Umerkot	000	0	7	20	05	98	00	0	978	81	0	0	9	0	1	77	80	—	—	2.7	—	3.5	—
	Hyderabad	000	0	4	20	03	97	03	0	984	85	0	0	9	0	0	77	82	0	+ 1	2.2	+ 0.9	2.9	7
Khairpur	Pad-i-dan	000	0	0	16	03	96	02	0	977	85	0	0	9	0	0	76	81	—	—	3.5	—	3.8	—
	Nawabshah	000	0	3	18	03	96	03	0	978	85	0	0	9	0	2	77	81	—	—	1.9	—	2.6	—
	Sukkur	000	3	2	00	C0	96	01	0	978	89	0	0	9	0	9	77	84	—	—	0.8	—	1.8	4
	Kashmore	000	0	0	23	10	99	00	0	xxx	93	0	0	9	0	0	77	xx	—	—	0.2	—	1.2	—
	Jacobabad	000	0	2	13	02	96	03	0	986	89	2	0	9	4	0	77	85	— 2	0	3.1	+ 2.5	3.8	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Aliabad																							
	Gilgit																							5
Rawalpindi	Murree	000	9	2	29	05	98	01	1	458	66	2	1	4	0	0	60	59	— 4	0	17.0	+ 8.3	42.2	59
Peshawar	Drosh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					18
	Cherat	000	0	0	18	01	98	00	0	462	76	0	0	9	0	0	69	72	+ 4	+ 1	2.5	0	12.6	29
	Kakul	000	2	1	27	02	97	03	0	456	78	1	2	7	0	0	63	71	—	—	14.7	—	33.5	—
	Landi Kotal	000	0	0	05	10	97	00	0	452	83	0	0	4	0	0	62	xx	—	—	1.8	—	16.9	—
	Parachinar	000	0	3	13	02	99	02	0	795	72	0	0	9	0	1	58	xx	—	—	6.4	—	20.4	29
D.I. Khan	Miranshah	CC0	0	4	00	00	99	03	0	433	87	4	0	8	4	0	57	76	—	—	1.3	— 0.3	4.3	13
	Wana	009	0	0	16	02	96	02	6	444	75	0	0	9	0	0	63	68	—	—	0.2	—	9.2	—
	Fort Sandeman	000	0	0	17	03	97	02	0	447	80	0	0	9	0	0	67	76	— 2	+ 1	1.4	0	10.1	11
Quetta	Hindubagh	000	4	0	00	00	98	00	0	396	76	0	0	9	0	0	63	65	—	—	0.9	—	9.0	—
	Loralai	000	0	0	00	00	98	00	0	439	74	0	0	9	0	0	65	.7	—	—	3.8	—	8.6	—
	Harnai	0C0	0	2	27	01	98	02	0	xxx	xx	x	x	x	x	x	xx	xx	—	—	1.1	— 0.4	5.4	14
	Quetta	000	0	0	13	02	95	00	0	422	77	0	0	9	0	0	66	65	—	—	1.1	+ 1.1	6.7	8
	Chaman	C00	0	0	05	03	98	02	0	427	86	0	0	9	0	0	51	73	0	— 3	0.1	+ 0.4	6.2	7
Kalat	Kalat	000	0	1	18	03	98	02	0	429	78	0	0	9	0	1	55	60	+ 1	— 2	0	— 0.4	5.2	5
	Nushki	000	0	0	09	02	97	02	0	451	92	0	0	9	0	0	46	80	—	—	0.3	—	2.1	—
	Dalbandin	C00	9	0	23	02	97	02	0	412	72	0	0	9	0	0	35	76	— 1	— 2	0	0	2.1	5
	Panjgur	C00	0	3	00	00	98	03	0	428	78	3	0	9	6	0	43	75	+ 1	— 2	0.2	—	1.9	4
Afghanistan	Kabul	000	0	0	00	00	99	00	0	493	70	0	0	9	0	0	37	59	—	—	—	—	—	12
	Kandahar																							—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 13th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	0 T_sT_s T_dT_d	$I_wd_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Alhasan	13 196	698 00	6 26 13	96 02 0	993 82	61 6 00	73 40 0	...	0 51 78	1 26 54
Beronice	13 232	594 03	3 14 10	97 07 0	984 88	30 7 30	35 21 4	...	0 56 81	1 14 22
Isomaria	13 162	536 06	3 22 14	96 03 0	052 82	36 4 00	16 20 4	...	0 03 77	1 22 21
Caledonia	13 166	547 06	8 19 18	97 12 1	030 80	88 5 xx	16 11 5	...	0 01 77	1 23 x5
Taishomaru	13 170	683 06	7 29 28	96 02 9	030 84	44 3 20	75 30 5	...	0 02 79	..
Rizwani	13 188	641 06	5 24 30	98 02 2	010 86	55 6 00	63 21 0	...	0 01 81	1 24 32
Corfu	13 180	695 36	7 21 18	98 02 2	044 84	75 4 00	26 40 0	...	0 56 71	1 25 55
Berenice	13 225	599 06	3 14 15	97 07 0	984 81	30 7 30	35 40 0	...	0 04 75	1 14 23
Alhasan	13 203	696 08	3 25 13	96 05 2	016 84	00 9 07	73 00 0	...	0 07 67	1 25 44
Berenice	13 220	580 09	9 18 10	97 01 1	980 81	9x 0 xx	45 60 4	...	0 00 73	1 18 22
Alhasan	13 210	689 12	6 25 13	96 03 0	986 84	42 7 40	73 70 1	...	0 00 77	1 25 44
Isomaria	13 169	550 12	8 24 16	97 02 2	020 84	85 4 xx	16 71 2	...	0 06 75	1 24 21
Berenice	13 213	595 12	6 18 10	97 02 1	969 79	60 7 10	45 71 1	...	0 00 73	1 18 24
Baranice	13 207	592 15	6 18 10	97 02 2	980 75	60 7 10	45 21 1	..	0 54 73	1 48 34
Alhasan	13 228	684 18	7 26 13	96 03 0	002 84	44 4 xx	73 40 0	...	0 01 77	1 26 44
Isomaria	13 179	567 18	0 24 20	97 02 1	014 75	00 9 00	16 21 2	...	0 06 72	1 24 34
BAY OF BENGAL										
Anwar Bakhsh	13 183	897 12	8 34 03	98 03 5	000 84	73 5 1x	13 10 2	...	0 00 80	1 31 02
Anwar Bakhsh	13 193	902 18	8 20 09	98 02 2	013 82	73 5 2x	43 10 3	...	0 00 78	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb (HHHTTT TdTdTd)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb (HHHTTT)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	...	Misda	...		...			. .	...			...	...
Jiwani ...														
Karachi ...	00 00	994 285 255		..	400 272 999	..	099 178 999	373 048 999	826 568 999	553 600 999	969 765	249 992	431 152	673 242
Lahore ...	01 00	981 280 270	043 xxxxxx	..	489 265 182	...	171 130 090	460 052 025	935 530 999	---	--	...	...	-
Multan ...														
Peshawar ...														
Quetta ...	01 00	825 212 152	..	..	...	...	118 192 072	427 105 018	916 000 999	672 600 999	...	..	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	..	Misda	...	...	...	...		...	...	..	...	...
Jiwani ...													
Karachi ...	01 00		...	...	...	...	...	..	...	...	100 242 999	...	...
Lahore ...	01 00	465 590 999		...	...	...	...	...	...	...	465 590 999	..	...
Multan ...													
Peshawar ...													
Quetta ...	01 00	800 222 148	780 235 142	645 158 042	...	...	...	...	...	...	645 158 042	...	...

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l.—	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	17 02	14 05	11 08	11 09	14 10	14 09			
Cheklala ...	...	18 05	20 03	20 03	11 03	31 07	31 15	30 15	30 22
Chhor ...	22 11	19 12	19 14	13 14	09 15		---	---	--
Chittagong ...	23 08	23 12	21 19	20 12	18 10	17 18	..	---	..
Cox's Bazar ...	18 10	17 09	14 09	14 12	14 16	14 22			
Dacca ...	17 01	26 03	20 03	18 14	17 11	13 10	11 11	10 08	11 08
Dalbandin ...	---	---	14 01	25 04	25 05	22 03	05 05	03 15	02 14
D. I. Khan ...	---	---	...						
Drosh ...	---		---		21 13	25 11	23 14	20 27	19 41
Fort Sandeman ...	...			03 03	26 05	22 22			
Jacobabad ...	15 07	18 05	19 05	24 04	03 02	03 .9	23 07	30 09	34 10
Jessore ...	15 05	17 12	18 09						
Jhelum ...	18 03	20 04	20 06	26 04	35 08	31 11	33 13	30 13	28 22
Jiwani ...	20 06	26 10	28 07	28 09	26 06	11 01	11 14	36 05	03 05
Karachi ...	23 05	09 05	09 05						
Khanpur ...	33 06	31 06	29 06	26 12	25 11	30 04	02 13	02 17	02 17
Lahore ...	04 05	07 04	08 03	29 02	02 03	34 10	34 12	31 13	31 09
Multan ...	01 09	05 08	11 08	13 13	13 10	36 04	..	---	---
Muscat ...	---	---	...	---	---	...	...	...	...
Panjgur ...	---								
Peshawar ...	...	30 02	19 03	18 10	21 11	28 08	29 10	30 21	30 23
Quetta ...	...	...	...	...	35 03	32 05	22 06	35 07	35 06
Sharjah ...							...	---	...
Sylhet ...	30 09	31 05	04 04	07 06	09 09	09 13	...	---	---
Veraval ...	...	...	---	...	---	...	...	---	...

At 0000 hrs. G.M.T † of date (dd ff)

Height in Kms. a.s.l.—	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	11 04	11 03	14 01	13 10	12 09	12 09
Cheklala ...	...					
Chhor ...	24 15	25 21	24 23	20 12	15 08	04 23
Chittagong ...	08 12	13 06	13 13			
Cox's Bazar ...	17 12	17 12	17 12	14 14	13 17	11 10
Dacca ...	15 05	15 04	15 04	12 03	15 04	13 07
Dalbandin ...	...	---	16 02	11 11	10 10	22 03
D. I. Khan ...	...	...	---			
Drosh ...	...	...	...	23 01	20 35	21 07
Fort Sandeman ...				08 05	15 04	24 08
Jacobabad ...	06 12	19 10	22 11	30 07	32 04	28 09
Jessore ...	08 08	08 09	xy xx	06 07	10 04	12 05
Jhelum ...	09 05	13 16	15 10	14 11	10 07	31 19
Jiwani ...	16 08	18 04	33 02	...	...	...
Karachi ...	28 08	29 07	31 07	09 06		
Khanpur ...	23 18	24 26	24 33	25 43	28 33	33 12
Lahore ...	15 09	16 16	15 10	07 06	02 07	01 09
Multan ...	11 10	10 11	07 10	04 07	02 09	04 10
Muscat ...	...	...		---	...	...
Panjgur ...	...	...		...	...	...
Peshawar ...	.	...	..	...		
Quetta ...	...	..	...	...	15 06	20 06
Sharjah ...	...		...	...	...	..
Sylhet ...	No	Ascent		---	...	...
Veraval ...	...					

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l.—	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	12 06	13 06	14 07	12 09	09 14						
Cheklala ...	...	11 02	14 05	03 01	34 06	33 12	01 07	36 12	36 09	33 23	30 11
Chhor ...	...										
Chittagong ...	10 08	13 12	14 15	14 17	10 16	13 26	12 27	11 25	11 17	10 27	...
Cox's Bazar ...	12 03	11 02	10 01								
Dacca ...	10 08	08 07	07 07	12 05	08 04	08 15	09 14	10 13	10 13	09 13	09 11
Dalbandin ...	...	...	21 01	27 05	17 06	24 04	17 09	15 18	11 17	06 19	04 07
D. I. Khan ...	...	...	...	...					...		
Drosh ...	...	...	...		23 09	23 04	19 05	18 04	xx xx	22 03	
Fort Sandeman ...				01 03	08 03	34 07	02 06	03 12	06 09	36 09	30 13
Jacobabad ...	11 02	09 03	08 04	07 04	36 06	09 12	36 14	06 12	06 15	...	..
Jessore ...	10 08	10 13	10 17	11 17						...	
Jhelum ...	18 01	17 03	18 04	33 03	34 06	36 10	01 10	36 08	36 10	---	
Jiwani ...	11 06	10 03	...	..	...	...	---	---	---	...	
Karachi ...	26 08	30 05									
Khanpur ...	20 12	19 07	20 06	26 04	18 04	28 04	07 05	07 02	32 08	35 05	
Lahore ...	21 03	18 04	18 06	15 05	10 06	03 13	01 13	04 07	19 17	---	
Multan ...	09 07	09 06	03 07	06 12	15 16	02 16	04 23	04 27	---	---	
Muscat ...	...	...	...	..	...			...			
Panjgur ...	---										
Peshawar ...	...	01 03	34 02	24 02	23 03	31 05	33 09				
Quetta ...	---	...	...	...	28 01	02 03	08 09	06 07	05 04	...	
Sharjah ...											
Sylhet ...	30 07	30 03	12 01								
Veraval ...		...	...								

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Misda																	
Karachi ...	28 17	28 11	27 07	06 04	06 11	06 19	06 23	03 20	05 08	09 11	10 06	04 07	07 12	10 21	10 22	09 23	08 39	10 43
Peshawar ...																		
Quetta ...																		

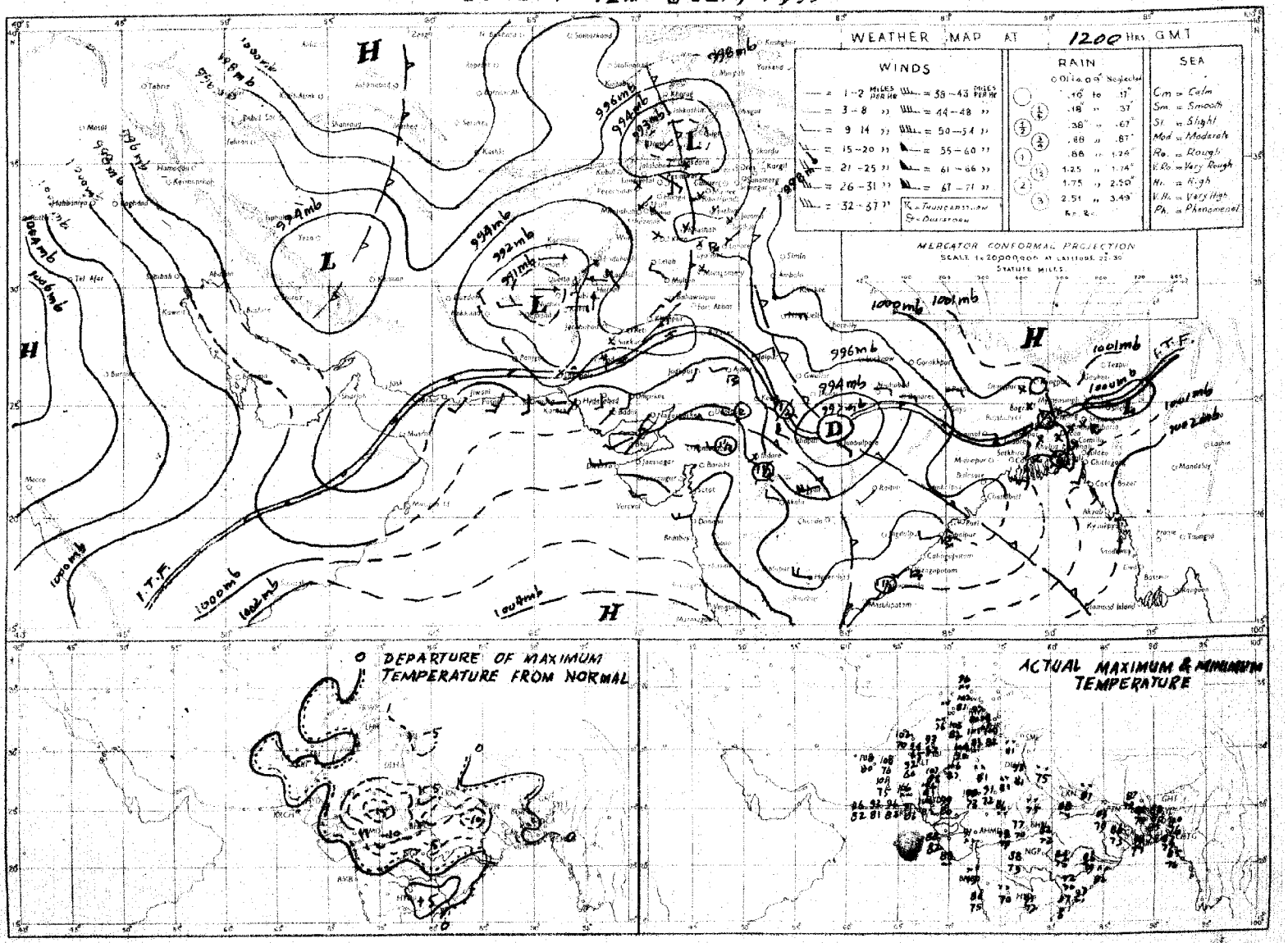
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted

Cloud observation Data (GGiii Cddv,v,etc.)

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

PAKISTAN DAILY WEATHER MAP

SUNDAY 12th JULY, 1959



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

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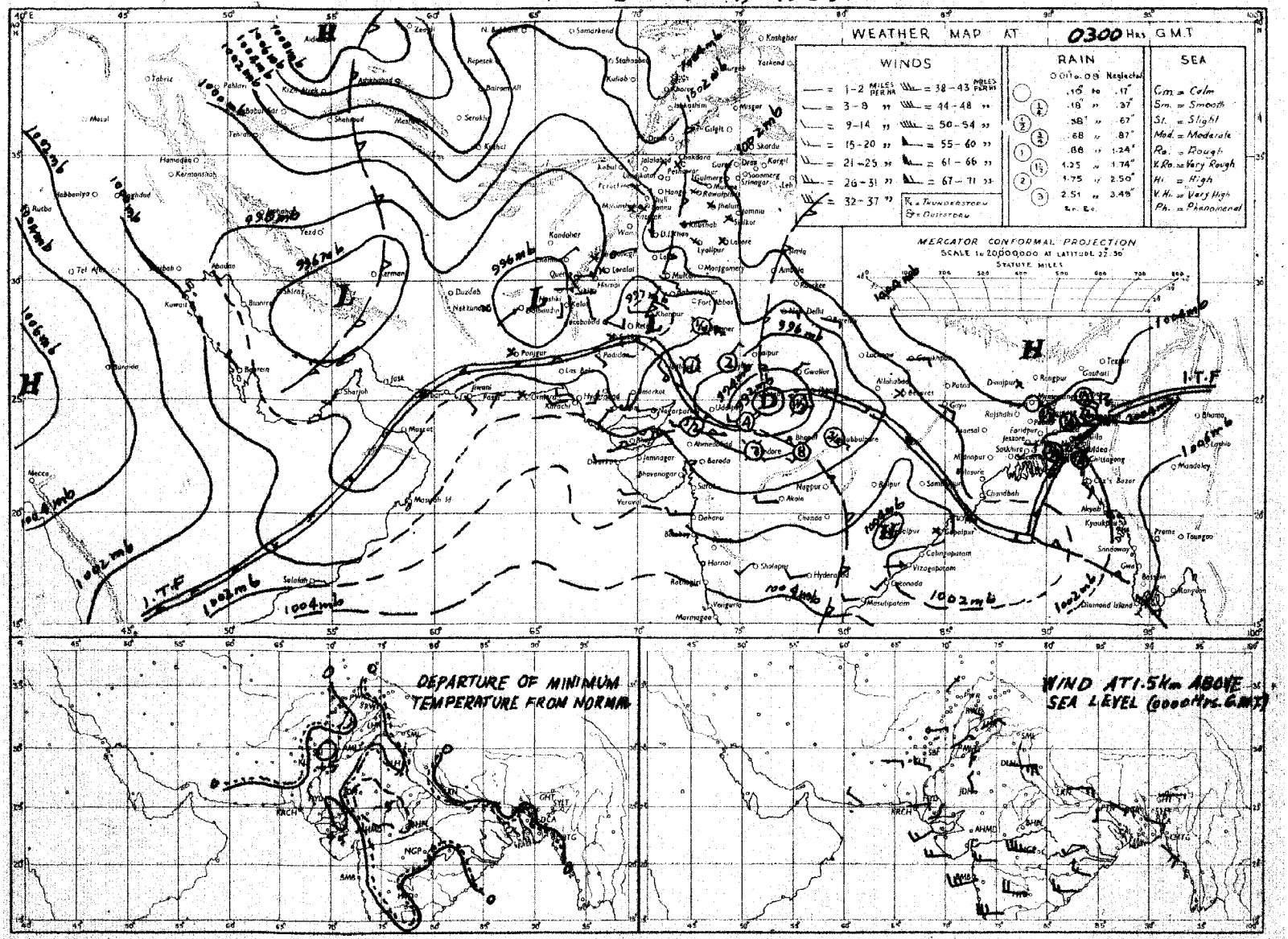
PAKISTAN DAILY WEATHER MAP

MONDAY 13th JULY, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

TUESDAY THE 14th JULY. 1959.

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

Observations from Rajasthan and adjoining areas are scanty but believe yesterday's depression moved westwards and is centred at 14,0300 G. M. T. about 30 miles west of Mount Abu. It is likely to continue move westwards.

Low over west Rajasthan now lies over Hyderabad division.

Low pressure wave over Rawalpindi division is moving away across East Kashmir.

Rain/thundershowers have been fairly widespread in Hyderabad division, local in Rawalpindi division and scattered in Khairpur and Peshawar divisions. Scattered duststorms have also occurred in Bahawalpur division.

Ship's observations from Bay of Bengal are lacking but believe conditions continue markedly unsettled in north Bay where a depression may form.

Local rain/thundershowers have occurred in Chittagong division and scattered in Rajshahi division.

Chief amounts of rainfall are: Nagarparkar 2"; Jhelum and Mithi 1¼" each, Srimangal 3/4", Umerkot ½", Chittagong, Sylhet, Jessore and Kakul ¼" each.
Day temperatures were 3—5 °F above normal in Hyderabad and Bahawalpur divisions.

Forecast valid until the evening of 15th July, 1959. Fairly widespread rain/thundershowers will occur in Hyderabad, Khairpur divisions and the Federal Capital Area, local in Bahawalpur, Multan, Lahore, Rawalpindi and Chittagong divisions and Kashmir and scattered elsewhere in the country.
Heavy Rainfall Warning: Locally moderate to heavy rain will fall in Hyderabad and Khairpur divisions and the Federal Capital Area during the next 48 hours.

Karachi-11
The 14th July, 1959.

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

OBSERVATIONS

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

Divisions	Stations	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	3	4	18	05	96	02	9	007	83	1	5	6	6	4	75	87
	Chittagong	000	0	7	20	05	97	03	2	005	83	5	3	5	2	0	77	88
	Maijdee Court	000	9	2	18	02	99	02	1	004	86	1	0	9	1	1	76	88
	Comilla	000	0	0	00	00	96	00	0	006	86	0	0	9	0	0	79	87
	Brahmanbaria	000	0	6	00	00	97	03	1	002	86	5	4	5	0	0	77	86
	Sylhet	000	0	6	27	02	96	02	2	992	86	3	4	6	3	1	79	89
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	000	0	4	09	02	98	02	2	001	89	2	2	5	0	4	78	90
	Narayanganj	000	9	5	13	02	95	03	2	000	86	1	0	9	3	1	76	89
	Dacca (Tezgaon)	000	9	5	13	03	98	03	6	992	87	2	2	5	0	1	79	89
	Faridpur	000	8	4	00	00	96	01	1	000	87	3	4	8	1	0	79	88
	Barisal	000	0	5	00	00	97	03	2	005	85	5	7	5	0	0	78	86
Rajshahi	Khulna	000	0	5	00	00	97	01	2	999	82	5	5	7	0	0	78	87
	Satkhira	000	0	8	00	00	96	01	0	000	84	4	6	7	9	x	77	89
	Jessore	024	6	4	09	03	98	62	6	992	85	4	4	5	0	0	79	89
	Sirajganj	000	0	6	00	00	98	03	2	982	86	0	0	9	0	4	77	87
	Bogra	000	0	4	18	02	96	03	1	992	89	1	4	6	0	4	77	89
	Dinajpur	000	9	8	00	00	96	02	2	997	89	8	4	7	x	x	79	92
	Rangpur	004	5	4	00	00	96	01	5	xxx	85	2	5	6	2	0	81	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	01	0	965	99	1	1	7	0	0	75	00
	Sialkot	000	0	2	00	00	98	02	0	967	98	2	1	6	0	0	77	99
Rawalpindi	Jhelum	000	0	2	00	00	97	02	0	957	99	1	2	7	3	0	79	00
	Rawalpindi	000	0	3	00	00	99	03	1	959	99	3	1	8	0	0	77	00
	Khushab	000	0	0	00	00	99	00	0	960	00	0	0	9	0	0	73	02
Multan	Lyallpur	000	0	6	29	02	96	02	0	963	00	6	0	9	5	0	70	02
	Montgomery	000	0	0	00	00	96	00	0	957	02	0	0	9	0	0	72	03
	Multan	000	0	3	09	05	96	05	0	950	05	3	1	6	0	0	68	06
Bahawalpur	Leiah	000	0	4	36	05	96	08	2	957	03	3	5	8	4	0	82	10
	Khanpur	000	0	0	05	07	95	05	0	933	07	0	0	9	0	0	71	09
	Bahawalpur	000	0	0	13	05	96	06	3	946	06	0	0	9	0	0	67	08
	Fort Abbas	000	0	8	05	09	98	03	7	942	00	8	6	6	x	x	75	05
Peshawar	Chakdara	000	0	0	27	02	99	00	0	927	97	0	0	9	0	0	77	98
	Peshawar	000	0	1	05	05	96	05	0	948	02	1	1	7	0	0	67	01
	Haripur	000	3	3	23	02	97	01	2	961	96	0	0	9	0	3	76	97
	Campbellpur	000	0	4	18	03	98	03	0	984	00	4	1	7	0	0	79	02
D.I. Khan	Bannu	000	3	7	13	02	99	01	0	995	00	0	0	9	0	5	72	01
	D.I. Khan	000	6	3	00	00	98	03	0	944	03	0	0	9	0	3	95	05
Quetta	Sibi	000	3	5	23	02	99	03	1	932	10	5	0	9	3	0	59	11
Kalat	Nokkundi	000	0	0	34	02	99	02	0	903	10	0	0	9	0	0	43	11
	Turbat	000	0	2	23	02	96	03	0	957	06	2	0	9	2	0	75	08
	Jiwani	000	0	4	20	10	96	03	1	969	88	4	6	5	0	0	78	90
	Pasni	000	0	0	20	14	97	00	0	963	91	0	0	9	0	0	80	93
	Ormara	000	0	0	23	09	98	00	0	961	90	0	0	9	0	0	76	96
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	14	96	03	2	961	68	3	6	4	0	1	73	90
	Karachi (Air Port)	000	0	3	25	10	96	02	1	958	88	0	0	9	0	1	77	92
	Badin	000	0	0	23	02	97	00	0	924	95	0	0	9	0	0	81	97
	Nagarparkar	000	0	0	27	02	95	00	0	941	07	0	0	9	0	0	76	09
	Umerkot	000	0	7	23	07	98	02	0	918	04	0	0	9	0	0	74	04
	Hyderabad	000	0	6	00	00	97	03	0	925	05	2	0	9	3	1	73	06
Khairpur	Pad-i-dan	000	0	0	36	09	97	02	0	933	07	0	0	9	0	0	63	09
	Nawabshah	000	0	3	34	03	96	02	0	933	08	2	0	6	0	2	64	10
	Sukkur	000	8	2	02	05	94	02	1	933	00	0	0	9	0	9	74	06
	Kashmore	000	0	0	23	14	99	00	0	xxx	08	0	0	9	0	0	57	xx
	Jacobabad	000	9	7	16	10	96	03	0	943	97	7	0	9	2	0	65	09
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat**																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	5	31	05	97	02	1	472	74	5	3	3	0	0	61	77
Peshawar	Drosh	000	0	2	23	05	98	03	0	398	97	2	2	7	0	0	33	00
	Cherat	000	0	2	13	01	98	01	0	436	91	2	2	6	0	0	74	93
	Kakul	000	7	2	23	03	98	01	1	427	86	2	2	6	0	0	61	88
	Landi Kotal	000	0	1	13	03	97	03	0	418	92	1	1	7	0	0	64	94
	Parachinar	000	0	0	13	02	99	02	0	795	82	0	0	9	0	0	60	xx
D.I. Khan	Miranshah	000	0	6	05	02	99	03	2	413	93	6	2	7	0	0	67	95
	Wana	000	5	7	00	00	98	20	2	434	86	7	2	8	0	0	63	90
	Fort Sandeman	000	0	6	07	07	97	03	0	426	93	0	0	9	0	3	70	97
Quetta	Hindubagh	000	0	0	18	01	98	00	0	370	94	0	0	9	0	0	71	95
	Loralai	000	0	4	00	00	98	02	1	453	92	4	0	9	2	0	72	93
	Harnai	000	0	3	09	02	98	02	0	xxx	xx	x	x	x	x	x	xx	xx
	Quetta	000	0	4	18	02	96	02	0	393	91	0	0	9	0	9	66	94
	Chaman	000	0	0	27	03	98	00	0	398	81	0	0	9	0	0	50	03
	Kalat	000	0	4	00	00	97	01	2	415	87	4	4	7	0	0	52	91
	Nushki	000	0	0	09	05	97	02	0	474	08	0	0	9	0	0	43	10
	Dalbandin	000	0	1	13	03	98	03	0	405	08	1	1	7	0	0	35	09
	Panjgur	000	0	4	00	00	98	03	1	422	03	4	0	9	2	0	38	06
Afghanistan Kabul	Kabul	000	0	0	22	02	99	00	0	474	82	0	0	9	0	0	57	92
	Kandahar																	

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

Divisions	Stations	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level Pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud Form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F.	Minimum Temperature °F	Departure from Normal of Maximum Temperature	Departure from Normal of Minimum Temperature	Rainfall Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	0	3	09	05	97	01	0	027	87	1	3	7	0	4	77	78	+ 1	+ 1	65.5	+ 9.6	72.3	
	Chittagong	026	9	2	05	05	97	01	9	013	87	2	0	9	2	0	79	77	+ 2	0	44.9	+13.4	76.9	
	Maijdee Court	000	9	1	00	00	97	01	0	018	86	1	0	9	1	0	77	79	+ 2	+ 1	41.7	+11.9	73.5	
	Comilla	000	0	3	00	00	7	3	0	026	86	3	2	7	0	0	79	79	— 1	+ 1	21.7	— 3.3	47.7	
	Brahmanbaria	000	0	3	13	02	97	01	1	027	89	3	4	5	0	0	79	80	—	—	—	—	—	
	Sylhet	029	5	4	00	00	96	01	9	025	85	4	5	6	0	0	76	76	—	—	72.0	—	119.7	
	Srimangal	085	9	5	00	00	96	03	9	027	85	5	3	5	0	0	78	77		+ 1	29.7	+ 4.4	63.6	
Dacca	Mymensingh	000	0	4	00	00	98	02	1	034	86	4	2	4	0	0	79	80	+ 2	+ 2	26.5	+ 1.3	48.6	
	Narayanganj	000	9	5	13	03	95	03	1	025	89	5	4	4	0	0	79	81	0	+ 2	21.2	+ 2.9	42.6	
	Dacca (Tezgaon)	000	6	5	13	03	98	01	6	022	87	4	4	5	3	0	77	80	—	—	21.4	—	38.0	
	Faridpur	000	9	3	16	02	96	03	0	018	87	3	5	7	0	0	77	79	0	+ 1	16.1	— 1.3	44.3	
	Barisal	000	0	4	18	02	97	03	5	024	87	2	7	5	4	0	80	80	— 2	+ 1	32.8	+10.8	47.8	
Rajshahi	Khulna	000	0	6	18	03	96	01	2	025	85	6	4	7	0	0	79	79	— 1	+ 1	26.2	+ 7.2	46.7	
	Satkhira	000	0	6	00	00	96	03	2	023	85	6	6	8	0	0	78	79	+ 1	+ 1	20.3	+ 1.8	38.3	
	Jessore	024	0	7	18	03	96	03	6	023	84	7	4	5	0	0	80	78	—	—	12.8	+ 4.4	28.8	
	Sirajganj	000	0	2	00	00	98	03	0	011	87	2	1	3	0	0	79	81	— 1	+ 3	15.2	— 1.5	40.2	
	Bogra	000	0	4	23	02	97	03	0	025	87	4	4	6	0	0	79	81	0	+ 3	15.7	— 3.5	34.7	
	Dinajpur	000	0	4	00	00	96	02	0	022	86	4	0	9	2	0	81	81	+ 3	+ 3	17.6	— 0.7	35.0	
	Rangpur	004	3	2	13	02	96	03	5	xxx	87	2	4	6	0	0	79	80	0	+ 2	28.5	+ 2.1	49.4	
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	3	13	03	96	01	0	018	89	2	0	9	3	1	76	83	0	+ 3	2.8	— 1.3	6.7	11
	Sialkot	00	2	7	00	00	97	02	1	025	84	7	5	6	0	0	74	81	+ 1	+ 1	12.9	+ 4.8	18.8	32
Rawalpindi	Jhelum	126	5	7	31	02	96	60	9	035	76	3	7	6	2	0	75	74	—	—	4.1	—	19.4	—
	Rawalpindi	000	4	7	13	02	98	20	9	021	81	5	3	7	4	0	73	81	+ 2	+ 4	11.9	+ 6.6	25.0	34
	Khushab	000	0	2	09	02	99	01	1	011	88	2	0	9	7	0	75	79	— 1	— 3	7.4	+ 4.5	12.9	15
Multan	Lyallpur	000	0	0	00	00	96	00	0	995	90	0	0	9	0	0	75	89	0	+ 4	1.4	— 1.1	4.1	12
	Montgomery	000	0	0	00	00	96	00	0	995	90	0	0	9	0	0	74	85	0	+ 1	0	— 2.3	2.3	10
	Multan	000	0	0	13	03	97	02	0	988	93	0	0	9	0	0	75	89	+ 4	+ 4	2.1	+ 0.7	4.1	7
Bahawalpur	Leiah	000	0	3	00	00	98	02	0	016	90	3	3	7	0	0	86	89	—	—	0.5	—	2.4	8
	Khanpur	000	0	0	07	05	96	02	0	970	94	0	0	9	0	0	75	89	+ 4	+ 6	0.2	— 1.1	1.8	6
	Bahawalpur	000	0	1	00	00	97	02	0	987	92	0	0	9	0	1	75	86	+ 2	+ 2	0	— 1.1	1.0	6
	Fort Abbas	000	0	0	13	07	98	00	0	986	91	0	0	9	0	0	75	85	—	—	0	—	0.3	4
Peshawar	Chakdara	000	0	6	00	00	99	03	1	991	81	6	0	8	6	0	74	72	—	—	1.8	—	17.4	—
	Peshawar	000	0	1	34	03	97	05	0	992	89	1	0	9	3	0	76	83	— 1	+ 3	2.0	+ 1.2	14.9	14
	Haripur	000	3	6	13	04	97	03	2	992	86	6	6	6	0	0	68	82	—	—	5.5	—	16.4	—
	Campbellpur	000	0	5	13	10	98	03	2	010	87	5	1	7	0	0	79	68	—	—	4.2	—	18.2	—
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	985	90	0	0	9	0	0	73	85	—	—	6.5	—	13.5	11
	D.I. Khan	000	0	0	05	02	98	00	0	995	93	0	0	9	0	0	82	85	+ 1	+ 2	5.9	+ 4.3	9.7	10
Quetta	Sibi	000	2	6	09	02	98	03	1	970	92	6	0	9	3	0	71	83	—	—	1.4	—	1.7	5
Kalat	Nokkundi	000	0	0	11	02	99	02	0	945	94	0	0	9	0	0	47	85	—	—	0	—	1.1	2
	Turbat	000	0	0	23	02	96	00	0	968	86	0	0	9	0	0	78	xx	—	—	1.6	—	6.0	—
	Jiwani	000	0	7	13	03	96	03	1	980	85	7	0	2	3	0	78	83	—	—	0	—	5.6	4
	Pasni	000	0	7	29	05	95	05	0	970	86	7	0	9	5	0	81	83	+ 1	+ 5	0	— 0.5	2.5	4
	Ormara	000	0	6	27	03	98	02	1	967	86	6	2	5	0	0	77	83	—	—	0	— 0.2	1.9	6
	Las Bela																							8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	27	10	96	03	2	964	83	7	0	9	7	0	77	81	+ 1	0	5.4	+ 3.4	5.4	8
	Karachi (Air Port)	000	0	8	27	07	96	03	2	966	86	8	0	9	2	x	[illegible]	[illegible]	—	—	7.7	—	8.0	—
	Badin	000	3	8	23	02	96	03	2	947	84	8	0	9	8	x	[illegible]	[illegible]	+ 2	—	1.1	— 1.2	6.1	9
	Nagarparkar	235	4	8	23	02	96	02	6	926	75	8	7	7	x	x	75	71	—	—	4.7	—	4.7	—
	Umerkot	059	0	7	00	00	98	02	6	939	81	7	0	9	1	0	79	77	—	—	2.8	—	4.1	—
	Hyderabad	017	9	8	00	00	96	05	9	951	87	5	0	9	2	0	77	81	+ 7	0	2.4	+ 1.7	3.1	7
Khairpur	Pad-i-dan	000	0	7	05	05	96	06	0	962	94	7	0	9	7	0	74	85	—	—	3.5	—	3.8	—
	Nawabshah	000	0	8	31	03	96	02	9	964	94	8	0	9	1	x	74	93	—	—	1.9	—	2.6	—
	Sukkur	000	9	2	11	02	96	01	1	965	93	0	0	9	0	9	72	88	—	—	0.8	—	1.8	4
	Kashmore	000	0	0	18	09	99	01	0	xxx	93	0	0	9	0	0	77	75	—	—	0.2	—	1.2	—
	Jacobabad	000	0	0	05	03	96	02	0	97g	94	0	0	9	0	0	72	90	0	+ 5	3.1	+ 2.6	3.8	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat**																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							
	Gilgit																							5
Rawalpindi	Murree	000	9	9	00	00	90	49	1	455	66	9	0	0	x	x	64	64	+ 3	0	17.0	+ 7.9	42.2	59
Peshawar	Drosh	000	0	0	00	00	98	02	0	453	80	0	1	9	0	0	54	74	+ 4		—		—	18
	Cherat	000	0	3	13	03	96	05	0	459	76	2	4	6	0	8	69	75	+ 4	+ 5	2.5	— 0.2	12.6	29
	Kakul	025	2	7	13	03	96	03	6	452	77	7	0	6	0	0	70	77	—	+ 1	14.9	—	33.7	—
	Landi Kotal	000	0	4	05	03	97	03	0	442	83	4	0	9	9	0	69	xx	—	+ 4	1.8	—	16.9	—
	Parachinar	000	0	5	00	00	96	05	0	796	73	2	0	9	3	0	60	xx	—	—	6.4	—	20.4	29
D.I. Khan	Miranshah	000	0	0	00	00	99	00	0	437	87	0	0	9	0	0	70	78	—		1.3	— 0.3	4.3	13
	Wana	...	...	...	...	...	...	...	...				...	...		...	...	...	—	—				—
	Fort Sandeman	000	0	0	10	00	97	02	0	436	83	0	0	9	0	0	63	78	— 3	+ 3	1.4	— 0.1	10.1	H
Quetta	Hindubagh	000	0	0	09	01	98	00	0	394	77	0	0	9	0	0	57	76	—	—	0.9	—	9.0	—
	Loralai	000	0	4	00	00	98	02	1	440	74	0	0	9	0	3	67	67	—	—	3.8	—	8.6	—
	Harnai	000	0	3	27	01	98	02	0	xxx	xx	x	x	x	x	x	xx	xx	—	—	1.1	— 0.5	5.4	14
	Quetta	000	0	0	13	02	95	00	0	418	78	0	0	9	0	0	47	68	—	—	1.1	+ 1.0	6.7	8
	Chaman	000	0	0	13	03	98	02	0	418	87	0	0	9	0	0	57	74	+ 1	— 2	0.1	+ 0.1	6.2	7
	Kalat	000	0	0	09	02	98	02	0	438	77	0	0	9	0	0	57	62	0	—	0	— 0.5	5.2	9
	Nushki	000	0	0	09	02	97	02	0	461	92	0	0	9	0	0	57	83	—	—	0.3	—	2.1	—
	Dalbandin	000	9	1	31	02	95	05	0	408	87	1	0	9	3	0	43	75	0	— 3	0	0	2.1	5
	Panjgur	000	0	3	00	00	98	03	1	422	79	3	0	9	4	0	52	78	+ 3	+ 1	0.2	—	1.9	4
Afghanistan Kabul	Kabul	000	0	0	00	00	99	00	0	489	76	0	0	9	0	0	63	63	—	—	—	—	—	12
	Kandahar																							—

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 14th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ₋₋ W	PPP TT	$N_hC_hh_hC_mC_H$	D,V. a PP	8 N, Ch, h,	O T, T, T_dT_d	id.d.PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Taihomaru	23 192	650 00	6 27 28	97 02 2	995 82	44 4 10	75 83 0		0 51 77	
Alhasan	23 226	679 00	9 29 09	97 03 0	991 83	9x 0 xx	73 40 0		0 51 78	1 27 33
Aivalos	23 185	574 00	9 22 08	97 06 2	993 77	9x 0 xx	36 53 5		0 09 75	1 18 x3
Berenice	23 195	576 03	8 21 18	97 02 2	994 77	80 7 7x	55 31 9		0 02 78	1 21 45
Scottish Eagle	23 193	655 06	8 27 20	96 02 2	016 84	90 9 1x	74 40 0		0 02 75	1 27 46
Caledonia	23 203	606 06	7 22 24	97 02 2	011 80	70 9 10	16 71 8		0 03 76	1 20 x5
Dara	23 218	700 06	8 24 09	98 00 8	012 84	90 6 xx	45 40 8		0 00 79	1 24 23
Berenice	23 182	571 06	8 21 18	97 02 2	001 77	80 7 7x	55 30 7		0 00 73	1 21 45
Isomeris	23 202	589 06	0 19 22	97 03 1	009 79	00 9 00	16 20 6		0 06 72	1 20 21
Islamia	23 188	644 06	8 23 16	98 03 2	019 82	80 8 1x	63 10 2		0 05 79	1 23 33
Taihomaru	23 201	638 06	7 24 18	96 02 2	018 84	44 4 20	75 30 5		0 00 77	
Edisto	23 243	582 06	1 08 10	97 40 0	950 88	10 8 80	36 0x x		0 54 81	1 09 22
Alhasan	23 234	674 06	2 26 09	97 05 1	994 85	12 7 70	73 70 0		0 00 78	1 24 33
Rimmpi	23 185	605 06	5 24 20	98 02 2	010 82	55 6 00	63 20 5		0 00 79	1 24 42
Berenice	23 177	565 09	8 21 18	97 02 2	005 77	80 7 7x	55 20 4		0 06 72	1 21 45
Isomeris	23 217	597 12	4 15 12	97 03 0	997 79	46 5 00	16 51 0		0 00 73	1 15 21
Berenice	23 174	560 12	8 21 20	97 02 2	998 81	47 3 2x	55 58 7		0 08 75	1 21 45
Alhasan	23 242	670 12	9 25 09	96 05 4	957 85	9x 8 xx	73 70 1		0 51 78	1 25 33
Scottish Eagle	23 202	645 12	8 27 20	96 02 2	983 84	15 4 7x	74 71 0		0 01 78	1 27 46
Caledonia	23 212	619 12	5 31 24	97 02 2	983 84	52 5 00	16 72 0		0 02 78	1 21 x4
Berenice	23 171	555 15	8 21 25	97 02 2	990 77	47 5 22	55 70 8		0 04 75	1 21 45
Taihomaru	23 215	616 18	7 23 15	98 01 2	980 81	44 3 28	75 40 0		0 53 77	
Caledonia	23 221	641 18	8 23 24	97 02 2	991 82	55 5 3x	15 50 0		0 52 78	1 23 x4
Isomeris	23 231	594 18	1 17 08	98 02 1	978 86	00 9 09	86 40 0		0 55 77	1 17 x0
Dara	23 229	681 18	8 25 15	98 13 2	980 84	85 6 xx	75 21 0		0 52 81	1 25 23

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT T^{d}T^{d}T^d								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	..	Misda	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi														
Karachi	00 00	993 295 268	Misda	...	...	...	...	...	...	...	...	...	...	...
Lahore	00 00	976 290 240	003 xxxxxx	...	407 140 999	...	003 020 999	228 558 999	...	...	...	...	...	...
Multan														
Peshawar														
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT T^{d}T^{d}T^d	Max. Height Reached PPPTTT T$_d$T$_d$T^d	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18 19 20 21 22 23 24 25 26	27	28	29
Bogra					
Chittagong					
Dacca	00 00	.. Misda	..	...	...
Rawalpindi					
Karachi	00 00	Misda		...	...
Lahore	00 00	540 600 999	540 600 999	...	...
Multan					
Peshawar					
Quetta					

PPP—Pressure in hundreds tens and units of millibars.
TTT: TdTdTd:Dry Bulb:Dew Point temperatures (in tenths of(oC)
Sth= Character of tropopause.

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

UPPER WIND DATA*

Height in Kms. a.s.l.	At 1200 hrs. G.M.T † of Previous day (dd ff)									At 0000 hrs. G.M.T † of date(dd ff)						At 0600 hrs. G.M.T. † ofdate (dd ff)								
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	20 04	19 06	17 05	12 08	12 16	11 16	13 12	12 15	.	15 05	13 04	11 03	13 04	09 05	11 08	17 04	17 03	16 01								
Chaklala	...	...	...	...	...	...	...	...	...	...	13 10	15 10	25 04	...	...	...	12 08	12 10	13 12	...	...	...	...	...	...	...
Chhor	26 15	28 13	29 11	34 17	01 26	02 35	...	...	...	27 09	04 05	02 06	03 19	...	...	36 10	02 14	02 21	...	...	...	...	...	...	...	...
Chittagong	24 07	25 07	23 07	18 09	15 11	14 17	..	...	..	09 12	10 09	13 09	14 11	14 05	11 07	27 09	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	Nil	Ascnc	...	...	...	...	...	...	...	12 18	11 09	13 08	10 09	11 06	10 08	17 05	11 06	10 09	08 11	09 15	08 10	...	...	...	...	...
Dacca	07 03	18 05	17 [illegible]	15 03	11 05	09 10	10 12	10 19	08 18	13 03	13 03	13 03	15 05	09 02	29 01	20 03	16 01	19 03	...	...	...	...	...	...	...	...
Dalhandia	...	...	27 04	28 03	32 05	32 06	09 11	06 17	08 16	...	...	14 17	02 11	03 15	34 07	...	...	22 06	19 03	02 05	02 12	02 05	09 12	10 10	08 14	08 05
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22 07	21 08	21 07	16 06	17 11	26 27	30 33
Drosh	...	...	...	...	25 13	20 11	15 12	27 08	25 15	...	...	...	24 01	11 01	18 01	...	...	...	06 06	07 07	08 05	...	...	...	...	...
Port Sandeman	...	...	...	11 11	02 06	36 17	36 11	...	...	...	...	...	10 06	05 03	24 03	...	...	...	03 13	02 13	36 13	...	...	...	...	...
Jacobabad	07 09	14 04	15 02	07 06	03 11	36 11	...	...	...	07 23	09 17	11 13	16 08	17 07	21 09	06 10	05 15	04 14	...	...	...	...	...	...	...	...
Jacobabad	15 08	14 11	13 14	12 15	11 18	10 24	09 23	08 21	07 23	12 07	11 10	11 10	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad	16 01	18 10	16 02	14 07	01 07	35 10	03 08	08 08	34 12	No	Ascent		...	...	...	07 07	15 09	17 06	17 05	16 05	16 06	...	...	...	...	...
Jacobabad	18 09	23 09	26 02	02 05	01 08	01 11	06 10	05 05	04 16	26 12	29 13	27 08	28 06	27 02	35 18	28 05	25 04	24 09	24 09	36 13	35 13	...	...	...	...	...
Karachi	29 14	30 10	30 05	04 04	04 08	02 21	04 24	02 15	30 08	30 16	31 16	01 19	01 22	...	...	38 15	02 15	03 18	03 23	...	...	...	...	...	...	...
Khanpur	06 36	06 36	06 38	06 39	05 28	...	...	...	...	09 24	07 27	08 29	07 39	06 32	...	05 12	05 12	06 22	...	...	...	...	...	...	...	...
Lahore	03 06	35 04	35 04	02 05	04 06	36 12	36 07	21 11	23 12	14 10	15 20	14 17	09 07	12 08	10 05	11 08	14 07	14 10	13 11	11 08	11 18	19 09	...	...	...	...
Multan	05 12	06 13	06 12	07 14	07 12	03 23	...	...	...	12 13	10 16	09 16	06 14	...	...	09 12	09 13	09 10	08 30	...	...	...	...	...	...	...
Muscat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	21 02	33 06	...	...	...	...	34 06	26 05	21 07	16 07	10 07	...	...	...	...	13 02	02 07	09 04	17 05	16 03	14 03	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...	...	...	18 06	25 05	...	...	...	...	...	...	...	...	...	...	...
Sylhet	28 05	01 03	10 08	13 15	13 15	11 13	09 15	09 18	10 17	34 04	25 07	25 07	...	...	...	23 05	26 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	12.8	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Misda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi	Misda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar																		
Quetta																		

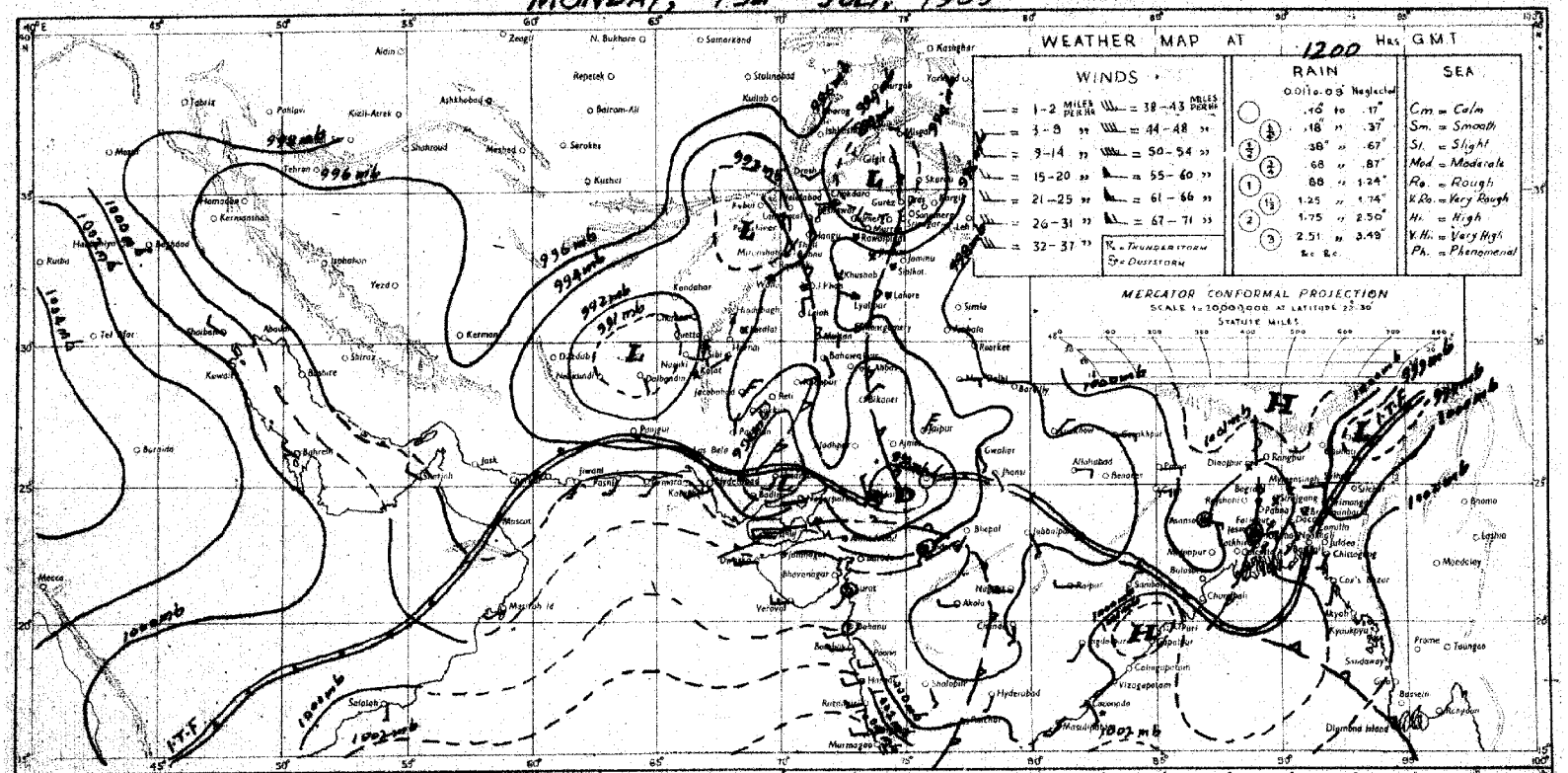
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted

Cloud observation Data (GGiii Cddv,v, etc.)

The accuracy of individual entries in this report can not be guaranteed Corrections can be obtained if necessary, on application to the Meteorologist, Weather Control, Air Port, CARACHI 11.

PAKISTAN DAILY WEATHER MAP

MONDAY, 13th JULY, 1959



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

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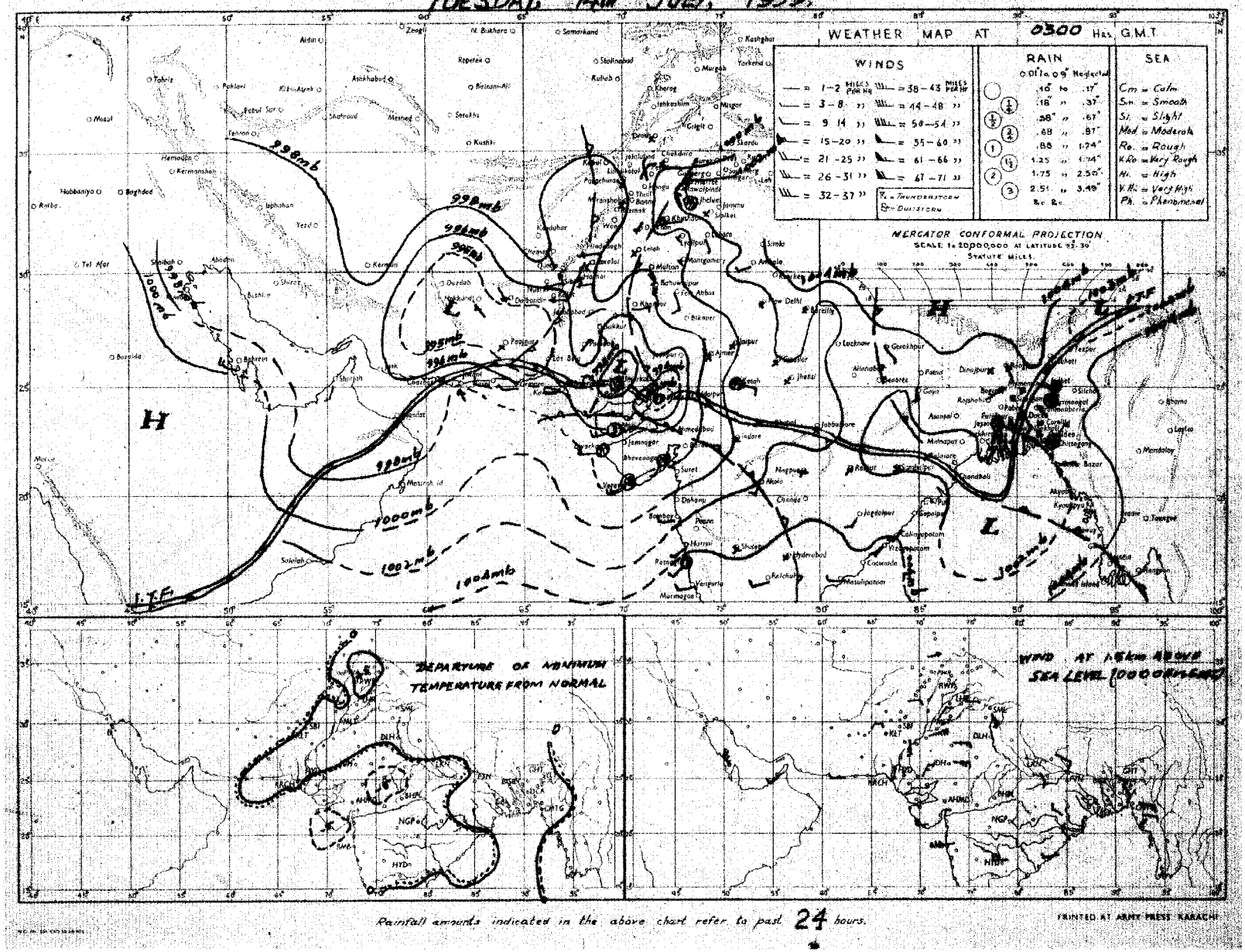
PAKISTAN DAILY WEATHER MAP

TUESDAY, 14th JULY, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

WEDNESDAY THE 15th JULY. 1959.

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

Observations from ship's, Sawashtra and Cutch are lacking but believe yesterday's depression moved westwards and now lies at 15,0300 G. M. T. about 70 miles southeast of Karachi.

It is likely to move in a north westerly direction.

The low over Hyderabad division became un-important.

A low pressure wave is moving across Peshawar division.

Thunderstorms/showers have been local in D. I. Khan and Lahore divisions and scattered in Peshawar, Rawalpindi, Quetta and Hyderabad divisions.

Ship's observations from the north Bay of Bengal are lacking but believe conditions continue to be markedly unsettled over there.

Scattered thunderstorms/showers have occurred in Chittagong division.

Chief amounts of rainfall are: Parachinar and D. I. Khan 1½" each, Sialkot 3/4" and Harnai, Srimangal and Nagarparkar 1" each.

Day temperatures were 3—4 °F above normal in East Pakistan and 3—6 °F below normal in Khairpur and Rawalpindi divisions.

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Forecast valid until the evening of 16th July, 1959. Local rain/thundershowers will occur in Chittagong, Lahore, Rawalpindi, ~~Peshawar, Hyderabad,~~ Kalat divisions, Kashmir and the Federal Capital area and scattered elsewhere in the country.

Karachi-11
The 15th July, 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	3	3	16	05	96	02	9	993	83	1	4	0	5	4	77	89
	Chittagong	000	0	7	20	09	97	02	2	992	84	5	4	5	2	0	78	90
	Maijdee Court	000	9	4	23	05	98	02	1	984	89	0	0	9	2	2	79	89
	Comilla	000	0	0	00	00	96	00	0	977	91	0	0	9	0	0	78	93
	Brahmanbaria	000	0	3	00	00	97	01	1	979	89	0	0	9	0	5	79	93
	Sylhet	000	0	1	27	05	97	01	0	969	88	1	1	6	0	0	80	90
	Srimangal	000	0	3	00	00	97	03	1	977	89	1	2	6	0	2	79	92
Dacca	Mymensingh	000	0	4	27	02	98	02	1	980	96	4	2	5	0	0	77	92
	Narayanganj	000	9	5	00	0C	95	03	2	980	90	0	0	9	0	8	79	93
	Dacca (Tezgaon)	000	9	3	23	03	98	03	1	974	89	1	2	6	0	3	81	91
	Faridpur	000	8	3	16	02	96	01	1	003	87	3	4	8	0	0	79	90
	Farisal	000	0	6	00	00	97	02	2	902	90	4	7	5	4	0	80	91
Rajshahi	Khulna	000	0	3	00	00	97	01	2	985	89	3	4	7	0	0	79	91
	Satkhira	000	0	6	00	00	96	03	2	989	90	6	6	8	0	0	79	92
	Jessore	000	0	2	09	02	97	01	1	987	91	2	4	6	0	0	83	91
	Sirajganj	000	0	1	00	00	99	02	1	967	90	1	1	4	0	0	79	90
	Bogra	000	8	4	23	02	96	02	1	990	90	4	4	6	0	0	79	92
	Dinajpur	000	8	0	00	00	96	00	0	986	91	0	0	9	0	0	89	95
	Rangpur	000	0	2	00	00	96	01	1	xxx	94	2	4	6	0	0	79	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	004	7	7	13	02	96	03	6	977	97	3	4	6	4	6	74	02
	Sialkot	076	2	3	00	00	98	01	6	998	86	0	0	9	0	6	78	95
Rawalpindi	Jhelum	000	8	5	00	00	98	02	1	984	92	1	1	7	1	8	79	93
	Rawalpindi	000	5	5	00	00	99	03	5	991	91	3	1	8	5	0	69	92
	Khushab	000	0	3	09	02	99	02	1	988	92	3	3	6	0	0	76	97
Multan	Lyallpur	000	0	7	29	02	96	03	5	976	90	7	3	8	0	0	79	95
	Montgomery	000	0	0	09	02	96	00	0	965	00	0	0	9	0	0	65	02
	Multan	000	0	4	11	07	96	07	0	961	03	4	2	6	0	0	72	04
Bahawalpur	Leiah	000	0	8	00	00	96	08	2	983	03	4	3	8	6	0	78	05
	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bahawalpur	000	0	6	05	07	96	03	5	953	02	0	0	8	0	0	67	02
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
Peshawar	Chakdara	000	0	4	27	05	99	01	1	954	90	0	0	8	7	0	73	93
	Peshawar	006	5	7	00	00	96	29	9	971	93	3	9	6	2	1	77	00
	Haripur	000	3	7	23	02	95	03	2	976	90	7	5	6	0	0	85	91
	Campbellpur	000	0	4	13	10	98	01	1	003	93	4	1	9	0	0	79	97
D. I. Khan	Bannu	000	4	8	18	02	97	03	9	973	94	8	3	6	x	x	74	00
	D. I. Khan	042	6	3	00	00	98	03	6	978	86	9	9	0	3	0	82	04
Quetta	Sibi	000	9	5	13	02	98	03	1	925	12	0	4	9	0	0	66	13
Kalat	Nokkundi	000	0	0	35	05	98	02	0	988	02	0	0	9	0	0	41	14
	Turbat	000	0	x	23	04	96	00	0	927	10	0	0	9	6	0	76	xx
	Jiwani	000	0	2	23	09	96	03	0	944	90	0	8	9	0	1	76	92
	Pasni	000	0	4	23	17	95	05	0	939	91	4	0	9	5	0	89	93
	Ormara	000	0	9	23	09	98	02	1	944	88	6	2	5	0	0	78	91
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	25	16	96	03	2	931	67	0	0	9	7	0	80	89
	Karachi (Air Port)	000	0	7	31	19	96	02	2	021	94	7	0	9	3	0	78	94
	Badin	000	3	8	23	02	98	00	0	905	89	x	x	9	x	x	79	90
	Nagarparker	030	4	8	23	03	98	03	9	936	84	8	6	7	0	0	75	86
	Umarkot	000	0	7	04	17	95	07	0	909	90	7	2	6	0	0	75	96
	Hyderabad	003	2	8	00	00	97	02	8	914	91	3	5	6	2	0	75	05
Khairpur	Pad-i-dan	000	0	0	05	17	96	07	1	920	02	0	0	9	0	0	64	05
	Nawabshah	000	0	8	05	10	93	07	2	916	02	4	8	6	4	0	69	06
	Sukkur	000	4	8	07	05	95	03	3	932	99	8	0	9	9	0	72	01
	Kashmore	000	0	0	05	17	99	00	0	xxx	07	0	0	9	0	0	86	xx
	Jacobabad	000	0	0	09	08	96	07	0	938	05	0	0	9	0	0	66	09
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	004	8	8	27	02	xx	xx	x	435	69	8	9	3	x	x	63	71
Peshawar	Drosh	000	1	5	23	16	97	03	2	394	94	3	2	7	5	0	51	99
	Cherat	000	0	4	13	03	97	05	1	441	84	2	6	9	1	0	74	86
	Kakul	000	7	4	20	05	97	03	9	434	81	3	3	6	3	0	69	83
	Landi Kotal	000	0	7	05	02	98	01	1	434	96	x	x	9	7	0	64	92
	Parachinar	150	2	8	36	02	99	02	6	789	66	9	9	0	2	0	58	xx
D.I. Khan	Miranshah	000	0	6	05	05	99	03	2	420	92	6	2	7	0	0	72	96
	Wana	000	6	6	11	09	97	20	2	445	87	6	2	8	0	0	57	90
	Fort Sandeman	000	0	5	13	08	97	03	0	415	88	5	1	6	0	0	25	93
Quetta	Hindubagh	000	6	7	07	02	96	03	0	393	88	0	0	9	3	5	70	xx
	Loralai	000	0	3	13	02	98	02	1	461	89	0	0	9	0	3	72	90
	Harnai	000	0	6	09	02	96	00	0	xxx	xx	0	0	9	C	0	xx	xx
	Quetta	000	0	8	13	03	96	02	0	407	85	0	0	8	1	0	61	91
	Chaman	000	0	0	24	02	98	00	0	388	02	0	0	9	0	0	59	03
Kalat	Kalat	000	0	1	09	10	97	21	1	399	83	1	1	7	0	0	59	90
	Nushki	000	0	0	07	05	97	02	0	476	11	0	0	9	0	0	xx	12
	Dalbandin	000	8	2	05	05	96	03	0	390	10	1	1	7	3	0	41	11
	Panjgur	000	0	0	23	03	98	00	0	407	05	0	0	9	0	0	31	06
Afghanistan	Kabul																	
	Kandahar																	

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

Divisions	Stations	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Cox's Bazar	000	9	3	16	05	97	01	6	008	87	1	5	6	6	4	77	78
	Chittagong	000	0	2	02	05	97	01	1	005	86	2	0	9	2	0	76	80
	Maijdee Court	000	9	4	00	00	97	01	0	008	86	2	1	9	0	1	79	84
	Comilla	000	0	3	00	00	xx	xx	x	009	83	3	4	8	0	0	79	80
	Brahmanbaria	009	2	3	00	00	97	01	6	003	86	3	4	4	0	0	81	81
	Sylhet	017	8	6	13	05	96	21	6	003	83	4	4	5	3	0	78	79
	Srimangal	031	1	3	00	00	9c	21	6	007	82	3	4	5	0	0	81	76
Dacca	Mymensingh	000	0	2	00	00	98	01	1	002	88	0	0	9	0	4	80	80
	Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	Dacca (Tezgaon)	000	9	7	23	02	98	03	1	996	87	6	8	5	0	1	81	83
	Faridpur	000	9	3	16	02	97	03	0	027	89	3	5	8	0	0	81	81
	Farisal	000	0	6	18	02	97	02	2	003	88	6	0	7	4	0	80	81
Rajshahi	Khulna	000	0	0	00	00	97	00	0	005	88	0	·	9	0	0	79	81
	Satkhira	000	0	2	00	00	96	01	0	000	89	2	7	9	0	0	80	80
	Jessore	000	0	4	18	03	97	01	0	998	86	4	8	6	0	0	81	80
	Sirajganj	000	0	1	00	00	98	03	1	982	85	1	1	3	0	0	81	83
	Bogra	000	0	3	27	03	97	02	1	997	89	1	0	9	3	1	81	82
	Dinajpur	000	0	0	00	00	96	00	0	007	90	0	0	9	0	0	79	82
	Rangpur	000	0	2	23	02	96	01	1	111	89	1	5	6	2	0	81	83
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	004	91	4	13	02	96	03	6	007	89	2	0	9	4	9	76	83
	Sialkot	076	0	3	00	00	98	01	0	001	88	2	2	6	3	x	77	79
Rawalpindi	Jhelum	000	0	2	00	00	91	02	0	004	89	2	1	7	0	0	79	86
	Rawalpindi	000	0	8	00	00	99	03	2	003	86	8	0	9	6	0	77	79
	Khushab	000	0	4	09	03	99	01	1	004	88	4	3	6	0	0	76	83
Multan	Lyallpur	000	0	7	29	02	96	03	5	999	87	6	3	8	0	0	75	84
	Montgomery	000	0	0	00	00	96	00	0	009	88	0	0	9	0	0	72	85
	Multan	000	0	6	18	03	97	01	1	998	89	3	5	6	3	0	74	87
Bahawalpur	Leiah	000	0	8	36	07	99	91	5	988	81	7	7	6	8	0	77	81
	Khanpur	000	0	0	13	05	96	05	0	978	90	0	0	9	0	0	76	89
	Bahawalpur	000	0	1	00	00	97	00	0	001	89	1	0	9	0	2	72	83
	Fort Abbas	000	0	0	13	03	98	00	0	999	94	0	0	9	0	0	72	83
Peshawar	Chakdara	000	0	6	08	76	97	01	9	040	95	6	6	7	0	0	56	73
	Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		..
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	Campbellpur	000	8	8	05	07	97	02	8	041	76	8	9	4	0	0	73	55
D. I. Khan	Bannu	000	0	8	00	00	98	02	6	989	84	8	3	6	x	x	76	82
	D. I. Khan	171	5	8	05	02	97	21	6	976	78	8	8	8	0	0	77	75
Quetta	Sibi	006	2	8	05	02	97	02	2	973	84	0	7	9	0	0	77	71
Kalat	Nokkundi	000	0	1	34	09	97	02	0	963	87	0	0	9	0	1	60	84
	Turbat	000	0	0	23	02	95	00	0	949	91	0	0	9	0	0	75	xx
	Jiwani	000	0	6	00	00	96	03	3	96,	85	6	0	9	3	0	78	82
	Pasni	000	0	7	29	12	95	05	0	949	87	7	0	9	5	0	81	84
	Ormara	000	0	7	27	03	98	02	1	948	86	7	2	5	0	0	81	82
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	09	23	96	32	3	948	84	2	6	4	4	8	42	82
	Karachi (Air Port)	000	0	7	04	18	96	02	2	951	83	7	0	9	3	0	73	82
	Badin	000	0	0	23	02	96	00	0	952	82	0	0	9	0	0	78	81
	Nagarparker	030	0	8	23	02	97	02	2	981	75	8	7	7	0	0	76	71
	Umarkot	000	0	7	13	09	98	00	0	971	81	7	1	6	0	0	76	78
	Hyderabad	003	9	7	05	05	97	03	5	977	82	3	6	5	2	0	75	81
Khairpur	Pad-i-dan	000	0	5	09	07	97	03	1	987	86	1	1	6	7	0	73	84
	Nawabshah	000	0	7	05	07	96	02	2	983	85	1	2	6	2	0	75	82
	Sukkur	000	9	2	00	00	96	02	x	984	90	0	0	9	0	4	74	86
	Kashmore	000	0	0	05	14	99	00	0	xxx	93	0	0	9	0	0	76	86
	Jacobabad	000	0	2	13	05	96	02	0	986	93	0	0	9	0	8	73	89
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	009	9	3	27	03	98	02	4	448	64	4	3	2	8	6	60	61
Peshawar	Drosh	000	9	7	00	00	97	03	2	444	77	9	5	7	0	0	61	75
	Cherat	003	1	8	18	00	91	91	2	449	69	8	5	6	x	x	68	78
	Kakul	003	5	7	09	03	96	95	9	448	69	7	9	5	0	0	66	68
	Landi Kotal	000	0	5	05	03	98	03	0	439	78	5	0	5	0	0	65	xx
	Parachinar	150	0	5	00	00	97	05	0	996	70	0	0	9	1	0	58	xx
D.I. Khan	Miranshah	000	0	6	00	00	99	03	0	426	77	0	2	7	0	0	70	72
	Wana	000	9	6	30	02	97	20	2	433	75	6	5	8	0	0	46	71
	Fort Sandeman	000	0	7	15	03	97	03	0	435	75	7	5	6	0	0	68	75
Quetta	Hindubagh	000	2	6	00	00	96	01	1	408	68	1	1	8	3	2	59	68
	Loralai	000	0	7	05	02	98	02	1	439	77	0	0	9	2	0	66	71
	Harnai	018	1	8	27	01	96	00	8	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	3	18	02	95	01	1	411	74	0	0	7	4	0	63	71
	Chaman	000	0	0	05	30	98	02	0	417	86	0	0	9	0	0	63	78
Kalat	Kalat	000	0	1	00	00	98	02	1	431	74	1	0	9	3	0	59	64
	Nushki	...	...	...	...	...	...	...	...	...		...	...	...	...	...		
	Dalbandin	000	9	4	C0	00	95	05	0	404	86	4	0	9	4	0	41	82
	Panjgur	000	0	0	00	00	98	00	2	417	80	0	0	9	0	0	46	78
Afghanistan	Kabul																	
	Kandahar																	

Departure from Normal of / Rainfall

Divisions	Stations	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	+ 3	+ 1	56.5	+ 8.6	72.3	140
	Chittagong	+ 4	+ 3	44.9	+12.8	76.9	108
	Maijdee Court	+ 3	+ 6	41.7	+11.2	73.5	115
	Comilla	+ 5	+ 2	21.7	− 3.7	47.7	94
	Brahmanbaria	—	—	—	—	—	76
	Sylhet	—	—	72.1	—	12.0	—
	Srimangal	+ 2	0	30.0	+ 4.2	63.9	98
Dacca	Mymensingh	+ 4	+ 2	26.5	+ 0.9	48.6	91
	Narayanganj	+ 4					74
	Dacca (Tezgaon)	—	—	21.4	—	38.0	—
	Faridpur	+ 2	+ 3	16.1	− 2.6	44.3	71
	Farisal	+ 4	+ 2	32.8	+ 9.4	47.8	81
Rajshahi	Khulna	+ 3	+ 3	26.2	+ 6.6	46.7	48
	Satkhira	+ 4	+ 2	20.3	+ 1.3	38.3	65
	Jessore	—	—	12.8	− 4.9	28.8	65
	Sirajganj	+ 2	+ 5	15.2	− 2.8	40.2	64
	Bogra	+ 3	+ 3	15.7	− 3.7	34.7	69
	Dinajpur	+ 6	+ 4	17.6	− 4.2	35.0	72
	Rangpur	+ 5	+ 5	28.5	+ 1.6	49.4	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd)	+ 2	+ 3	2.9	− 1.4	6.7	19
	Sialkot	− 3	− 1	13.7	+ 6.3	19.6	32
Rawalpindi	Jhelum	—	—	4.1	—	19.4	—
	Rawalpindi	− 6	+ 2	0	+ 6.4	25.0	36
	Khushab	− 6	+ 1	2.1	+ 5.4	12.9	15
Multan	Lyallpur	− 7	+ 2	1.4	− 1.3	4.1	12
	Montgomery	− 1	+ 1	0	− 2.4	2.3	10
	Multan	+ 2	+ 2	2.1	+ 0.7	4.1	7
Bahawalpur	Leiah	—	—			—	8
	Khanpur		+ 6	0.2	− 1.2	1.0	6
	Bahawalpur	− 1	− 1				6
	Fort Abbas	—	—	0	—	0.3	4
Peshawar	Chakdara	—	—	1.8	—	17.4	—
	Peshawar	− 2					14
	Haripur	—					—
	Campbellpur	—	—	4.2	—	18.2	—
D. I. Khan	Bannu	—	—	6.5	—	13.5	11
	D. I. Khan	0	− 8	7.6	+ 6.0	11.4	10
Quetta	Sibi	—	—	1.4	—	1.7	5
Kalat	Nokkundi	—	—	0	—	1.1	2
	Turbat	—	—	1.6	—	6.0	—
	Jiwani	—	—	0	—	5.6	4
	Pasni	+ 1	+ 6	0	− 0.5	2.5	6
	Ormara	—	—	0	− 0.2	1.9	6
	Las Bela						8
Karachi Federal Area & Hyderabad	Karachi (Manora)	0	+ 1	5.4	+ 3.3	5.4	8
	Karachi (Air Port)	—	—	7.7	—	8.0	—
	Badin	− 5	0	1.1	− 1.3	1.1	9
	Nagarparker	—	—	5.1	—	5.1	—
	Umarkot	—	—	2.8	—	4.8	—
	Hyderabad	+ 6	0	2.4	+ 0.6	3.2	7
Khairpur	Pad-i-dan	—	—	3.5	—	7.8	—
	Nawabshah	—	—	1.9	—	2.6	—
	Sukkur	—	—	0.8	—	1.8	4
	Kashmore	—	—	0.2	—	1.2	—
	Jacobabad	− 5	+ 4	3.1	+ 2.4	3.8	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						—
Arabia	Muscat						4
	Kuwait						—
	HILL STATIONS						
Kashmir	Srinagar						26
	Gulmarg						—
	Sonamarg						71
	Dras						26
	Leh						3
	Skardu						6
	Misgar						—
	Aliabad						
	Gilgit						5
Rawalpindi	Murree	− 3	+ 2	17.1	+ 7.6	42.3	59
Peshawar	Drosh	+ 3	+ 2	1.0	—	30.1	18
	Cherat	− 3	− 3	2.6	− 0.5	12.6	29
	Kakul	—	—	14.9	—	33.7	—
	Landi Kotal	—	—	1.8	—	16.9	—
	Parachinar	—	—	7.9	—	21.9	29
D.I. Khan	Miranshah	—	—	1.3	− 0.4	4.3	13
	Wana	—	—	—	—	—	
	Fort Sandeman	− 7	0	1.4	− 0.2	10.1	11
Quetta	Hindubagh	—		0.9	—	9.0	—
	Loralai	—	—	3.8	—	8.6	—
	Harnai	—	—	1.2	− 0.7	5.6	14
	Quetta	—	—	1.1	+ 0.9	6.7	8
	Chaman	+ 1	+ 2	0.1	+ 0.1	6.2	7
Kalat	Kalat	− 1	+ 2	0	− 0.5	5.2	9
	Nushki	—					—
	Dalbandin	+ 2	+ 4	0	0	2.1	5
	Panjgur	+ 3	+ 1	0.2	—	1.9	4
Afghanistan	Kabul						12
	Kandahar						—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 15th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Caledonia	33 232	646 00	9 25 13	99 00 2	980 81	9x x xx	16 51 2	...	0 53 78	1 22 x4
Rizwania	33 180	590 00	8 22 32	98 02 2	973 81	85 6 xx	53 21 5	...	0 51 79	1 22 46
Isomara	33 185	662 06	9 26 25	97 02 2	030 82	48 4 9x	73 31 0	...	0 00 79	1 26 44
Islamia	33 288	635 06	7 23 24	98 03 2	008 82	78 6 10	63 40 0	...	0 00 77	1 23 33
Caledonia	33 242	661 06	8 25 18	97 02 2	983 84	45 5 20	16 81 0	...	0 00 80	1 25 x4
Bermuce	33 155	521 06	8 17 15	97 02 2	970 82	04 5 79	27 52 x	...	0 03 75	1 17 45
Isomaria	33 256	874 06	1 16 06	98 02 0	986 84	12 4 50	76 21 1	...	0 00 82	1 16 xx
Rizwania	33 177	586 06	6 22 37	98 02 2	017 81	65 6 00	53 12 0	...	0 51 77	1 22 46
Scottish Eagle	33 226	610 08	8 25 18	96 02 2	979 xx	00 9 1x	74 30 5	...	0 51 77	1 25 45
Bermica	33 151	517 09	1 17 10	96 01 1	003 82	00 9 1x	55 71 5	...	0 02 77	1 17 44
Bermica	33 148	510 12	1 21 10	98 02 0	015 86	30 7 49	55 21 2	...	0 06 79	1 21 21
Isomaru	33 264	560 12	0 23 12	98 02 0	94x 93	00 9 00	66 62 4	...	0 52 79	1 33 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTT$_d$T^{o}T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT $T^dT^dT^d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...														
Jiwani ...														
Karachi ...	00 00	991 282 235	Misda	...	...	...	...	...	...	...	...	...	...	...
Lahore ...														
Multan ...														
Peshawar ...														
Quetta ...	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...	...

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

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l → STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)
Bogra ...	23 07	24 05	24 04	11 04	11 07	...	...	...	...
Chaklala ...	...	14 06	15 06	14 05	12 06	08 06	04 05	34 07	...
Chhor ...	09 27	08 10	08 23	...	...	...	...	...	...
Chittagong ...	22 17	23 10	29 06	...	...	...	...	...	...
Cox's Bazar ...	20 05	20 10	19 04	16 08	14 11	08 14	...	...	...
Dacca ...	24 04	27 02	33 02	03 05	05 04	10 12	09 17	09 14	08 14
Dalbandin ...	...	...	36 01	04 05	34 08	04 05	11 06	16 07	09 11
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	26 12	19 15	24 17	26 25	28 30
Fort Sandeman ...	...	...	...	...	12 06	10 06	01 09	...	...
Jacobabad ...	08 22	...	...	...	...	...	...	...	...
Jessore ...	19 03	16 03	18 05	14 06	11 08	10 09	...	...	...
Jhelum ...	09 03	12 05	14 07	17 04	17 02	12 05	19 07	...	...
Jiwani ...	21 14	27 13	27 10	02 05	03 09	01 15	02 19	07 10	03 12
Karachi ...	34 16	02 26	02 27	...	...	...	...	...	...
Khanpur ...	06 15	07 17	07 18	08 21	...	...	...	...	...
Lahore ...	10 06	12 07	12 06	14 08	13 08	13 11	...	...	...
Multan ...	09 10	07 12	08 11	...	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	24 05	22 09	20 13	17 11	15 08	33 07	27 13	...
Quetta ...	...	...	...	...	15 03	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	30 07	28 07	35 02	09 11	09 10	08 13	08 10	09 09	10 11
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T † of date (dd ff)

STATION	0.3 (11)	0.6 (12)	0.9 (13)	1.5 (14)	2.1 (15)	3.0 (16)
Bogra ...	...	...	...	...	...	...
Chaklala ...	26 11	27 11	28 12	29 08	31 04	33 04
Chhor ...	...	...	...	...	...	...
Chittagong ...	11 20	13 26	13 23	14 28	13 23	...
Cox's Bazar ...	25 01	12 02	...	...	...	...
Dacca ...	10 06	10 09	12 08	11 11	10 07	...
Dalbandin ...	26 05	28 03	01 03	31 03	33 07	34 03
D. I. Khan ...	...	...	06 15	09 25	11 13	25 05
Drosh ...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	24 02	20 08	25 11
Jacobabad ...	...	...	...	06 07	07 02	13 01
Jessore ...	09 11	11 11	11 11	13 06	21 06	...
Jhelum ...	27 03	04 03	07 05	06 08	07 09	03 06
Jiwani ...	07 05	16 08	18 05	18 06	20 01	05 02
Karachi ...	06 04	10 11	12 07	...	...	...
Khanpur ...	06 29	06 31	07 43	...	...	...
Lahore ...	17 17	18 19	18 23	18 33	19 37	21 21
Multan ...	13 08	15 12	15 08	11 06	11 09	...
Muscat ...	19 13	19 12	16 10	12 08	08 11	...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	24 06	34 05
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

STATION	0.3 (17)	0.6 (18)	0.9 (19)	1.5 (20)	2.1 (21)	3.0 (22)	4.5 (23)	5.4 (24)	6.0 (25)	7.2 (26)	9.0
Bogra ...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	21 02	21 02	18 02	26 01	16 04	07 09	08 08	10 10	09 17	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	14 08	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	23 29	24 24	24 24	24 37	24 27	25 27	...	...	...	...	...
Dacca ...	18 09	16 06	09 09	06 13	...	...	...	...	...	...	...
Dalbandin ...	23 02	32 02	35 02	01 04	04 04	04 04	01 02	08 13	09 14	08 12	10
D. I. Khan ...	...	...	23 04	22 08	21 08	28 04	35 19	34 11	09 11	18 14	23
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	23 08	22 07	...	...	...	...	...
Jacobabad ...	...	...	...	32 01	07 06	...	...	...	...	...	...
Jessore ...	15 04	07 07	07 10	07 13	07 14	07 13	...	...	...	...	...
Jhelum ...	18 05	14 03	...	...	...	...	...	...	...	...	...
Jiwani ...	09 07	15 09	17 09	17 08	16 05	14 06	...	...	...	...	...
Karachi ...	08 04	03 06	04 10	04 15	05 20	02 21	...	...	...	...	...
Khanpur ...	08 31	08 35	08 36	...	...	...	...	...	...	...	...
Lahore ...	15 02	13 02	12 05	10 13	10 10	09 15	10 27	11 25	...	...	...
Multan ...	21 01	24 02	24 03	12 06	13 08	12 07	16 08	16 11	...	...	...
Muscat ...	36 05	06 03	08 05	09 10	08 11	12 11	13 15	16 15	16 15	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	...	...	...	25 07	29 06	34 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. STATION.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	Misda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

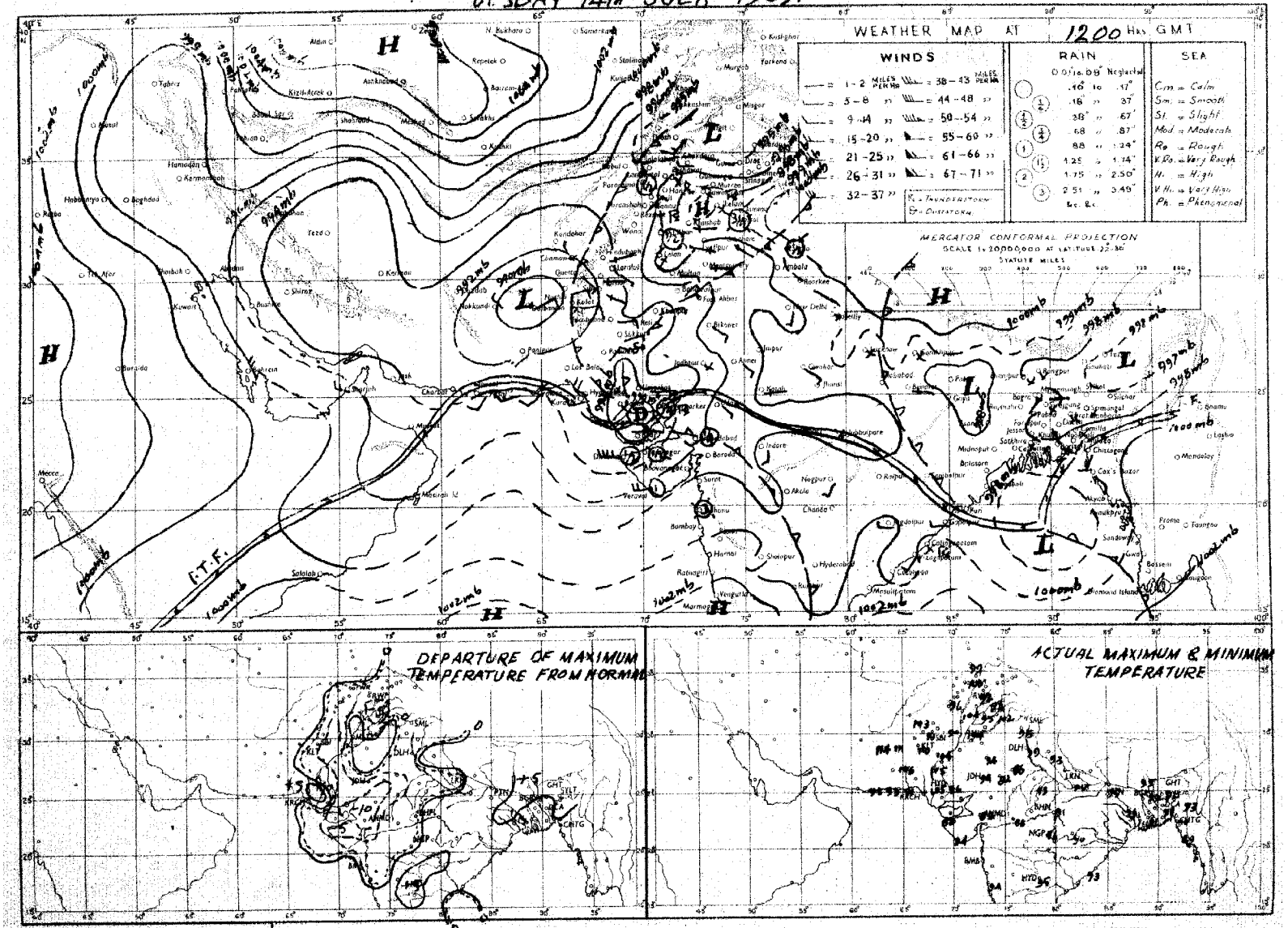
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted

Cloud observation Data (GGiii Cddv,v,etc.)

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

PAKISTAN DAILY WEATHER MAP

TUESDAY 14th JULY, 1959.



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

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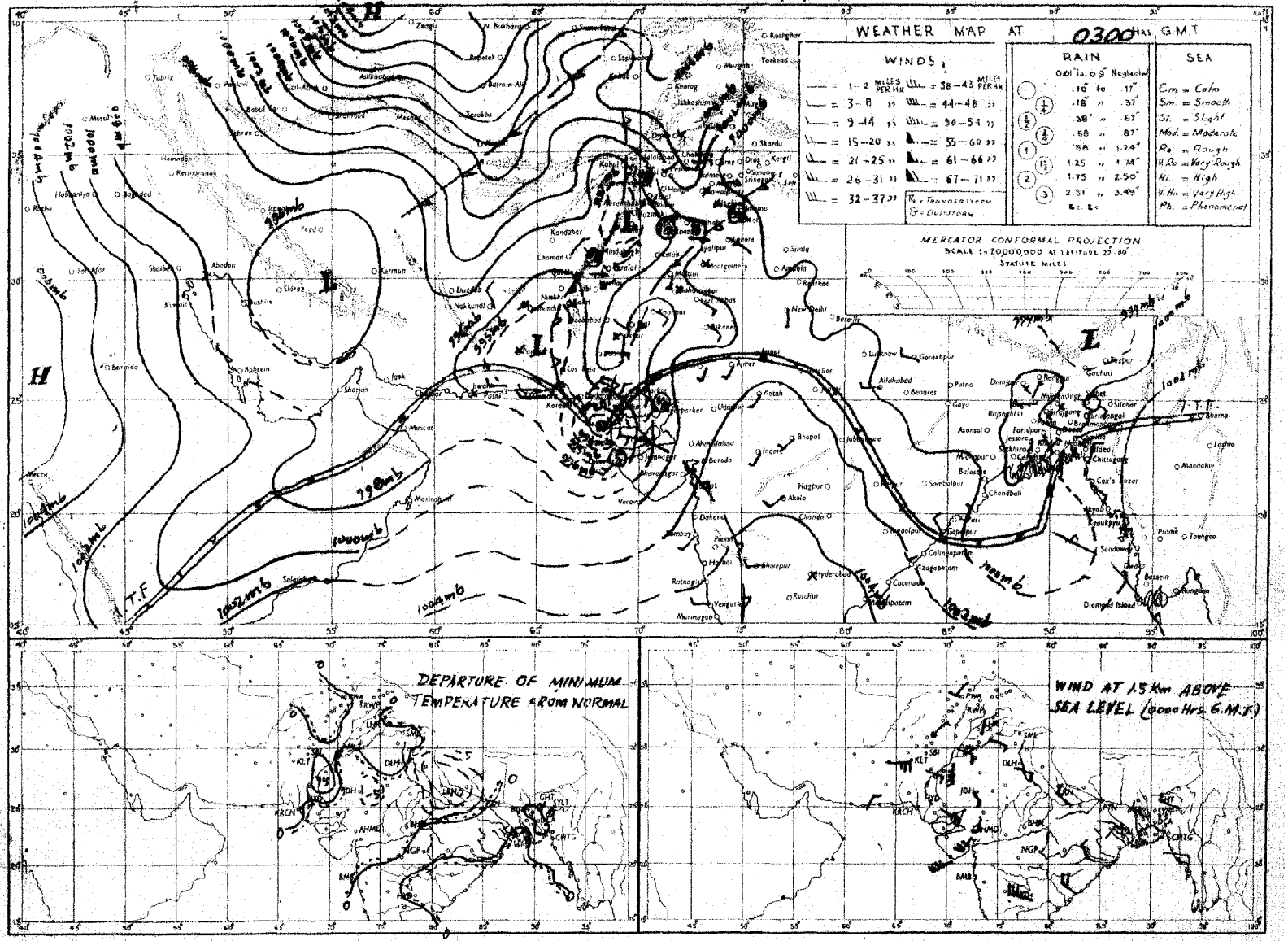
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 15th JULY, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

THURSDAY THE 16th JULY, 1959.

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

Ship's observations are lacking but believe yesterday's depression weakened and now lies as a shallow depression in north Arabian Sea off Mekran Coast. It is likely to weaken further and move westwards.

Observations from the northern parts of West Pakistan are lacking but believe the low pressure wave is moving across Rawalpindi division and Kashmir.

Rain/thundershowers have been local in Rawalpindi, Bahawalpur, Peshawar, Quetta, Hyderabad divisions and the Federal Capital Area and scattered in D. I. Khan, Kalat and Khairpur divisions. Scattered dust/thunderstorms have also occurred in Multan and north Kalat divisions.

Conditions continue markedly unsettled in the north Bay of Bengal.

Local thundershowers have occurred in Chittagong division and scattered light rain in Dacca division.

Chief amounts of rainfall are: Cherat 2", Quetta 1½", Brahmanbaria 1", Sylhet 3/4", Landikotal, Harnai, Jacobabad ½" each and Murree, Drosh, Campbellpur, Fort Sandeman, Kalat, Badin and Nagarparkar ¼" each.

Day temperatures were 7—17 °F below normal in Peshawar, Rawalpindi, D. I Khan, Quetta, Khairpur, Hyderabad and north Kalat divisions and 3—6 °F above normal in East Pakistan.

Forecast valid until the evening of 17th July, 1959. Local rain/thundershowers will occur in Chittagong, Kalat, Rawalpindi divisions and Kashmir and scattered in Dacca, Rajshahi, Quetta, D. I. Khan and Peshawar divisions.

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WEATHER BUREAU

Karachi-11
The 16th July, 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	1	5	20	05	96	03	9	978	84	3	9	6	6	4	78	89
	Chittagong	000	0	6	23	09	97	01	6	970	84	3	4	7	2	0	78	91
	Maijdee Court	000	9	6	23	05	97	03	1	969	89	2	4	6	2	2	79	83
	Comilla	000	0	2	00	00	96	03	0	967	90	2	2	7	0	0	80	93
	Brahmanbaria	000	0	5	00	00	97	03	1	964	89	1	1	5	0	5	81	93
	Sylhet	000	0	2	00	00	97	01	0	954	90	1	1	6	0	1	80	91
	Srimangal	000	0	5	00	00	96	03	1	962	89	2	1	6	0	4	80	93
Dacca	Mymensingh	007	0	8	27	02	97	21	2	966	87	8	6	5	x	x	77	94
	Narayanganj	000	9	7	00	00	95	03	2	963	90	1	1	6	3	8	77	93
	Dacca (Tezgaon)	000	6	7	23	02	98	02	6	957	89	4	3	6	4	0	81	92
	Faridpur	000	8	2	16	02	96	01	1	008	90	2	4	8	0	0	82	93
	Barisal	000	0	4	18	01	97	02	2	965	90	4	0	8	4	0	80	93
Rajshahi	Khulna	000	0	6	00	00	97	01	1	969	90	6	4	7	0	0	79	92
	Satkhira	000	0	4	00	00	96	01	0	969	xx	4	7	9	0	0	79	94
	Jessore	000	0	4	18	02	97	01	5	969	92	4	4	6	0	0	84	94
	Sirajganj	000	0	8	00	00	98	02	2	950	93	8	0	9	0	4	79	95
	Bogra	000	0	7	23	02	96	03	2	958	93	1	5	6	0	4	79	94
	Dinajpur	000	0	0	00	00	96	00	0	975	92	0	0	9	0	0	79	96
	Rangpur	000	0	5	23	02	96	03	1	xxx	94	1	5	6	2	0	81	95
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	5	31	02	96	03	1	966	99	4	3	6	3	0	71	02
	Sialkot	000	1	5	31	02	97	03	3	952	87	4	5	6	4	x	74	97
Rawalpindi	Jhelum	000	2	6	31	05	97	02	3	976	87	6	0	9	7	0	76	97
	Rawalpindi	017	7	5	05	02	99	02	5	994	83	3	0	9	7	7	76	86
	Khushab	000	0	3	00	00	99	02	1	980	92	3	3	6	0	0	74	97
Multan	Lyallpur	000	0	7	29	02	96	03	9	964	94	7	3	8	0	0	75	01
	Montgomery	000	0	6	00	00	96	03	1	969	99	3	3	9	0	0	71	02
	Multan	000	0	6	36	09	96	07	1	968	99	2	4	6	3	2	77	01
Bahawalpur	Leiah	100	8	7	34	03	98	82	6	977	98	6	6	6	4	0	xx	00
	Khanpur	000	0	6	07	03	55	05	0	952	03	0	6	7	0	0	76	03
	Bahawalpur	000	0	3	00	00	97	03	2	974	97	0	0	8	0	0	75	00
	Fort Abbas	000	4	5	07	02	98	20	1	956	02	3	2	6	4	0	82	03
Peshawar	Chakdara	000	0	7	23	02	98	03	1	961	85	0	0	8	6	0	73	85
	Peshawar	003	7	6	23	03	96	03	6	994	86	2	3	6	3	1	74	86
	Haripur	000	3	8	23	02	97	03	5	994	86	8	5	6	0	0	80	91
	Campbellpur	033	9	4	05	03	98	01	6	013	79	0	0	x	0	8	78	84
D. I. Khan	Bannu	006	5	2	23	01	99	01	6	983	90	0	0	9	0	3	73	98
	D. I. Khan	000	6	6	00	00	98	03	2	978	91	0	0	9	6	0	83	52
Quetta	Sibi	000	9	8	31	02	97	02	2	978	90	0	7	9	0	0	72	05
Kalat	Nokkundi	000	0	0	31	19	95	05	0	918	01	0	0	9	0	0	44	03
	Turbat	000	0	6	23	08	96	03	0	913	08	0	0	9	6	0	77	17
	Jiwani	000	0	5	23	10	99	03	1	927	93	3	3	6	3	0	77	93
	Pasni	000	0	7	13	10	95	05	0	936	93	1	2	7	2	0	86	00
	Ormara	000	0	5	13	12	98	02	1	930	91	5	2	6	0	6	75	96
	Las Bela	000	0	4	00	00	98	30	3	959	03	2	0	8	6		78	04
Karachi-Federal Area & Hyderabad	Karachi (Manora)	000	3	6	09	18	98	03	5	950	82	0	0	9	2	4	70	85
	Karachi (Air Port)	002	3	7	13	10	96	50	5	954	81	4	5	4	3	0	75	91
	Badin	020	3	8	18	02	96	81	6	982	86	0	8	7	0	0	77	86
	Nagarparker	022	0	4	23	02	98	02	1	941	84	4	5	9	0	0	68	86
	Umarkot	000	0	7	13	07	98	80	0	958	89	7	2	6	0	0	75	93
	Hyderabad	000	1	6	15	02	97	03	6	964	85	3	5	6	2	0	77	94
Khairpur	Pad-i-dan	000	8	6	09	07	97	03	1	949	98	6	3	6	0	0	68	99
	Nawabshah	000	0	4	13	05	96	01	1	958	95	4	2	6	0	0	73	96
	Sukkur	000	8	6	20	25	96	03	2	951	95	6	0	9	6	0	77	99
	Kashmore	000	0	0	05	12	99	00	0	xxx	07	2	2	9	0	0	xx	xx
	Jacobabad	000	0	4	13	03	96	02	2	957	00	2	1	6	3	0	69	02
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	000	0	5	13	05	98	02	1	042	76	0	0	9	0	2	39	79
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	036	6	8	23	02	97	03	6	431	65	8	9	3	x	x	57	66
Peshawar	Drosh	000	1	8	23	03	97	17	0	420	83	5	9	6	2	x	55	89
	Cherat	186	7	2	36	05	99	01	8	436	75	0	0	9	0	8	65	75
	Kakul	004	7	7	05	02	98	20	6	428	76	6	8	4	3	0	69	78
	Landi Kotal	063	8	6	00	00	98	01	6	421	80	2	2	7	7	0	70	81
D. I. Khan	Parachinar	000	0	3	23	02	99	03	0	797	73	3	0	9	1	0	56	xx
	Miranshah	013	1	0	00	00	99	00	6	411	63	0	0	9	0	0	70	64
	Wana	007	3	7	11	07	99	60	1	423	79	7	5	8	0	(	58	83
Quetta	Fort Sandeman	013	5	7	00	00	97	01	6	446	77	7	5	6	0	0	66	84
	Hindubagh	009	6	7	07	02	96	03	6	402	73	2	1	9	3	3	59	73
	Loralai	014	4	8	31	02	98	20	6	432	70	8	0	9	2	x	67	78
	Harnai	050	0	8	27	01	96	03	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	130	0	8	00	00	95	02	0	415	64	8	0	8	2	x	64	91
	Chaman	002	7	8	09	05	96	02	2	404	xx	8	4	6	x	x	64	96
Kalat	Kalat	000	0	8	34	05	96	02	2	407	75	8	7	6	7	5	58	84
	Nushki	000	2	8	09	30	96	09	0	470	89	8	0	9	2	x	57	04
	Dalbandin	000	8	5	18	02	95	05	1	384	05	3	1	7	3	0	44	06
	Panjgur	000	0	8	26	02	94	03	3	411	97	8	0	9	4	x	56	99
Afghanistan	Kabul																	
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	000	9	6	16	05	97	01	6	038	87	1	1	7	0	6	78	78
Chittagong	000	0	3	16	02	97	01	1	004	86	1	2	7	2	0	77	80
Maijdee Court	000	9	5	00	00	97	03	0	020	87	2	1	7	2	0	79	83
Comilla	000	0	5	00	00	97	03	0	008	84	5	4	5	0	0	78	83
Brahmanbaria	117	1	8	13	02	95	97	9	011	80	8	9	5	x	x	79	79
Sylhet	069	1	8	13	02	95	95	9	013	78	7	7	4	2	x	77	78
Srimangal	000	8	7	13	02	96	29	9	012	87	7	3	5	0	0	80	79
Mymensingh	007	0	8	00	00	96	02	5	011	86	8	7	5	x	x	81	87
Narayanganj	000	9	8	00	00	95	03	2	005	85	7	4	5	3	x	80	83
Dacca (Tezgaon)	000	9	8	00	00	97	02	2	003	88	5	3	5	2	4	81	85
Faridpur	000	9	6	00	00	97	03	0	021	86	6	5	7	0	0	79	81
Barisal	000	0	6	18	01	97	02	1	957	88	6	0	7	4	0	81	82
Khulna	000	0	7	00	00	96	02	1	005	88	7	5	7	0	0	81	82
Satkhira	000	0	6	00	00	95	03	2	998	89	6	6	8	0	0	79	82
Jessore	000	0	8	23	02	97	03	2	999	86	8	0	9	6	x	82	81
Sirajganj	000	0	8	00	00	98	02	2	990	85	8	4	6	x	x	81	83
Bogra	000	0	7	23	03	96	02	2	001	86	2	2	6	2	8	81	84
Dinajpur	000	0	8	00	00	96	02	2	991	89	8	4	7	x	x	84	84
Rangpur	000	0	7	27	02	96	03	1	xxx	87	7	5	6	0	0	83	84
Jammu																	
Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	980	91	0	0	9	0	0	75	83
Sialkot	000	0	0	00	00	98	00	0	973	86	0	0	9	0	0	79	78
Jhelum	000	0	0	31	02	98	02	0	983	85	0	0	9	0	0	73	78
Rawalpindi	017	0	0	00	00	99	00	0	976	84	0	0	9	0	0	76	74
Khushab	000	0	1	00	00	95	01	1	984	86	1	3	6	0	0	76	80
Lyallpur	000	9	0	09	07	96	02	9	976	88	0	0	9	0	0	77	82
Montgomery	000	0	0	00	00	96	00	0	986	89	0	0	9	0	0	76	84
Multan	000	0	0	00	00	97	02	0	991	85	0	0	9	0	0	74	80
Leiah	100	0	2	00	00	98	02	6	xxx	xx	0	0	9	0	0	77	xx
Khanpur	100	0	2	23	05	96	03	0	983	87	0	0	9	0	6	77	85
Bahawalpur	000	0	0	00	00	97	00	0	994	89	0	0	9	0	0	79	84
Fort Abbas	000	0	1	25	14	96	01	0	990	93	1	0	9	3	0	73	86
Chakdara	000	0	0	00	00	98	02	0	987	78	0	0	9	0	0	66	71
Peshawar	004	0	1	10	00	97	05	5	984	87	1	0	9	3	0	75	76
Haripur																	
Campbellpur	033	0	0	13	02	98	02	6	003	81	0	0	9	0	0	75	56
Bannu	006	0	0	00	00	99	00	0	982	83	0	6	9	0	0	73	76
D. I. Khan	000	0	0	00	00	98	00	0	987	88	0	0	9	0	0	81	77
Sibi	002	0	4	00	00	98	03	5	993	88	4	0	9	3	0	77	75
Nokkundi	000	9	2	31	19	95	05	4	982	82	0	0	9	0	1	55	77
Turbat	000	0	6	23	01	95	03	0	996	90	6	0	9	6	0	83	xx
Jiwani	000	0	6	09	05	96	01	2	986	86	2	6	5	3	0	78	85
Pasni	000	0	7	09	07	97	02	0	985	86	3	5	7	2	0	82	82
Ormara	000	0	6	09	05	98	02	1	987	85	6	4	5	0	0	79	77
Las Bela	010	0	2	00	00	98	20	2	992	83	0	0	9	0	0	78	79
Karachi (Manora)	000	0	6	13	14	95	05	2	994	80	5	0	9	4	1	62	76
Karachi (Air Port)	002	0	7	05	08	97	03	1	998	81	4	5	8	3	0	74	76
Badin	020	0	0	23	02	96	02	6	002	79	0	0	9	0	0	78	78
Nagarparker	022	0	0	00	00	97	02	6	982	81	0	0	9	0	0	56	xx
Umarkot	000	0	0	11	05	98	00	0	002	80	0	0	9	0	0	78	77
Hyderabad	000	9	6	13	02	97	03	6	011	80	2	5	6	2	0	78	78
Pad-i-dan	000	9	0	16	07	98	02	1	010	83	0	0	9	0	0	73	81
Nawabshah	000	0	4	00	00	96	01	1	019	84	4	3	6	0	0	74	79
Sukkur	000	9	1	23	02	96	01	5	001	85	0	0	9	0	3	78	83
Kashmore	000	0	0	18	07	99	00	0	xxx	93	0	0	9	0	0	76	85
Jacobabad	053	9	3	00	00	96	01	6	992	86	3	0	9	2	0	79	82
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Aliabad																	
Gilgit																	
Murree	036	9	0	00	00	99	02	6	424	71	0	0	9	0	0	54	60
Drosh	018	9	2	00	00	98	01	9	445	80	1	5	7	5	0	61	69
Cherat	186	0	0	09	05	99	00	0	426	75	0	0	.	0	0	68	65
Kakul	004	0	0	31	02	99	02	6	425	75	0	0	9	0	0	64	68
Landi Kotal	063	0	0	00	00	99	02	6	420	79	0	0	4	0	0	63	xx
Parachinar	000	0	0	00	00	99	00	0	792	71	0	0	9	0	0	56	xx
Miranshah	013	0	0	00	00	99	02	6	408	70	0	0	9	0	0	69	69
Wana	007	0	0	10	00	99	02	6	433	75	0	0	0	0	0	63	68
Fort Sandeman	021	0	0	25	03	98	02	6	456	74	0	0	9	0	0	67	70
Hindubagh	009	0	5	00	00	97	01	5	403	72	0	0	9	0	2	65	72
Loralai	014	0	0	00	00	98	00	6	440	70	0	0	9	0	0	69	64
Harnai	050	0	4	27	01	98	00	.	xxx	xx	x	x	x	x	x	xx	xx
Quetta	151	9	4	23	02	95	02	6	525	72	4	0	9	4	0	65	63
Chaman	002	0	8	36	02	97	03	5	426	79	8	4	7	x	x	62	65
Kalat	030	0	1	00	00	97	01	6	433	72	1	1	7	0	0	61	63
Nushki	000	0	3	05	07	98	01	0	556	85	0	0	9	0	3	60	81
Dalbandin	000	9	6	09	03	94	06	1	407	88	5	0	9	4	0	46	85
Panjgur	000	0	0	00	00	98	00	0	440	76	0	0	9	0	0	60	74
Kabul	000	0	5	00	00	98	02	1	495	69	5	3	8	0	0	61	64
Kandahar																	

Stations (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	+ 3	+ 1	56.5	+ 7.9	73.3	140
Chittagong	+ 5	+ 3	44.9	+12.3	76.9	108
Maijdee Court	— 3	+ 5	41.7	+10.5	73.5	115
Comilla	+ 5	+ 6	21.7	— 4.2	47.7	94
Brahmanbaria	—	—	—	—	—	76
Sylhet	—	—	72.8	—	120.8	—
Srimangal	+ 3		30.0	+ 3.8	63.9	98
Mymensingh	+ 6	+ 4	26.5	+ 8.5	48.6	91
Narayanganj	+ 4	+ 4	21.2	+ 2.0	42.5	74
Dacca (Tezgaon)			21.4	—	38.0	—
Faridpur	+ 5	+ 3	16.1	— 3.0	44.3	71
Barisal	+ 6	+ 3	32.8	+ 9.9	47.8	81
Khulna	+ 4	+ 4	26.2	+ 6.2	46.7	68
Satkhira	+ 6	+ 4	20.3	+ 0.9	30.3	65
Jessore	—	—	12.8	— 5.3	28.8	65
Sirajganj	+ 7	+ 4	15.2	+ 3.1	40.2	64
Bogra	+ 5	+ 5	15.7	— 2.9	34.7	69
Dinajpur	+ 7	+ 5	17.6	— 5.0	35.0	72
Rangpur	+ 6	+ 6	28.5	+ 1.1	49.4	84
Jammu						—
Lahore (Jail Rd.)	+ 2	+ 4	2.9	— 1.5	6.7	19
Sialkot	— 1	— 2	13.7	+ [illegible]	19.8	32
Jhelum	—	—	4.1	—	19.4	—
Rawalpindi	— 12	— 3	12.1	+ 6.3	25.1	36
Khushab	— 6	— 2	7.4	+ 4.3	12.9	15
Lyallpur	— 1	0	1.4	— 1.3	4.1	13
Montgomery	— 1	0	0	— 2.3	2.3	10
Multan	— 1	— 5	1.1	+ 0.6	4.1	7
Leiah	—	—	1.5	—	2.4	8
Khanpur	— 2	+ 1	0.2	— 1.2	1.0	6
Bahawalpur	— 3	0	0	— 1.3	1.0	6
Fort Abbas	—	—	0	—	0.3	4
Chakdara	—	—	1.8	—	17.4	—
Peshawar	— 16	— 4	—			14
Haripur	—					
Campbellpur	—	—	4.6	—	18.5	—
Bannu	—	—	6.6	—	13.5	11
D. I. Khan	— 12	— 6	7.6	+ 5.9	11.4	10
Sibi	—	—	1.4	—	1.7	5
Nokkundi	—	—	0	—	1.1	2
Turbat	—	—	1.6	—	6.0	—
Jiwani	—	—	0	—	5.6	4
Pasni	+ 8	+ 4	0	— 0.5	2.5	6
Ormara	—	—	0	— 0.3	1.9	6
Las Bela	—	—	0.7	—	—	8
Karachi (Manora)	— 4	— 5	5.4	+ 3.1	8.4	8
Karachi (Air Port)	—	—	7.7	—	8.0	—
Badin	— 9	— 8	1.3	— 1.1	1.3	9
Nagarparker	—	—	5.3	—	8.3	—
Umarkot	—	—	3.8	—	4.1	—
Hyderabad	— 4	— 3	2.4	+ 0.5	8.1	7
Pad-i-dan	—	—	3.5	—	3.8	—
Nawabshah	—	—	1.9	—	2.6	—
Sukkur	—	—	0.8	—	1.8	4
Kashmore	—	—	0.2	—	1.2	—
Jacobabad	— 7	— 3	3.6	+ 2.9	4.3	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
HILL STATIONS						
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						26
Leh						3
Skardu						6
Misgar	—					—
Aliabad						
Gilgit						5
Murree	— 8	+ 2	17.5	—	42.7	59
Drosh	— 7	— 4	1.1	—	20.3	18
Cherat	— 14	— 6	4.4	+ 1.1	14.5	29
Kakul	—	—	15.0	—	33.8	
Landi Kotal	—	—	2.5	—	17.5	—
Parachinar	—	—	7.9	—	21.9	29
Miranshah	—	—	1.4	— 0.3	4.4	13
Wana	—	—				—
Fort Sandeman	— 16	— 5	1.6	— 0.1	10.3	11
Hindubagh	—	—	1.0	—	9.1	—
Loralai	—	—	3.9		8.7	—
Harnai	—	—	1.7	— 0.1	6.1	14
Quetta	—	—	2.6	+ 2.4	8.2	6
Chaman	— 6	— 1	0.1	+ 0.1	6.2	7
Kalat	— 7	+ 1	0.3	— 0.2	5.5	9
Nushki	—	—	0.3	—	2.1	—
Dalbandin	— 3	+ 8	0	0	2.1	5
Panjgur	— 9	— 3	0.2	—	1.9	4
Kabul	—	—	—	—	—	12
Kandahar						—

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 16th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV .. W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch_s h_s	O $T_sT_sT_dT_d$	Id_wd_w P_wH_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Tova	43 212	625 06	8 23 18	97 02 2	996 82	63 4 2x	74 51 0	...	0 00 81	1 24 46
Iso Maria	43 278	509 06	0 33 20	98 02 0	972 90	00 9 00	76 21 3	...	0 02 75	1 23 22
Dara	43 249	642 06	5 31 07	98 01 2	955 88	00 9 30	63 01 0	...	0 02 81	1 23 23
Esso Flandre	43 237	589 06	8 12 02	97 02 1	970 93	80 7 10	75 10 3	...	0 01 84	1 00 60
Ise maru	43 217	612 06	8 22 25	96 02 2	970 82	38 5 9x	75 21 0	...	0 00 81	1 22 44
Ise maru	43 209	625 12	8 22 19	96 02 3	015 81	38 5 9x	75 21 5	...	0 00 79	1 12 43
Tova	43 219	617 12	8 23 18	97 06 2	945 84	20 6 10	74 70 5	...	0 31 81	1 24 46
Isomeria	43 287	494 12	0 31 10	98 02 0	973 90	00 9 00	76 40 0	...	0 00 77	1 31 21
Dara	43 249	636 18	8 09 07	98 02 6	976 86	00 9 30	42 22 0	...	0 33 79	1 21 23
Caledonia	43 237	673 18	7 11 18	97 03 8	958 78	37 5 29	35 20 8	...	0 55 77	1 11 x4
Caltex Delft	43 212	687 18	4 21 19	98 02 8	980 82	48 4 00	...	...	0 01 78	1 21 33
British Patience	43 178	570 18	2 22 24	96 10 0	034 93	00 9 30	...	...	—	—

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTT$T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	..	Misda	..	.		..	..	...	..	...	—	...	..
Jiwani ...														
Karachi ...	00 00	996 255 228	...	..	380 212 999	...	041 132 999	318 005 999	786 522 999	526 628 999	965 768	245 985	433 018	...
Lahore ...														
Multan ...														
Peshawar ...														
Quetta ...	00 00	824 072 002	Misda	..	...	..	.	..	...	...	—	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	..	Misda	...	...	..	...	..	...	...	...	...	—
Jiwani ...													
Karachi ...	00 00	...	...	...	—	...	...	..	...	—	150 018 999	...	..
Lahore ...													
Multan ...													
Peshawar ...													
Quetta ...	00 00	...	Misda	...	...	...	...	...	...	—	...	..	...

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

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

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T † of date: dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ...	[illegible] 05	25 06	29 05	36 05	10 03	06 07	07 15	09 14	09 17	24 18	24 13	24 09	21 04	10 03	20 03
Chaklala ...	...	25 09	29 06	05 06	06 07	31 06	29 08	23 15	21 20	...	33 01	31 01	33 03	02 01	15 02
Chhor ...	01 09	13 10	12 13	14 13	14 17	...	...		...	17 13	18 17	17 18	17 15	14 09	11 13
Chittagong ...	25 14	26 08	33 03	04 04	05 05		...	...	..		...	...	...	...	...
Cox's Bazar ...	10 02	18 08	13 05	13 09	10 11	11 07	...	...	...	14 13	15 15	13 14			
Dacca ...	25 06	28 07	29 08	29 04	...		...	...	...	22 15	21 16	23 13	23 04	23 06	24 07
Dalbandin ...	...	...	23 05	23 08	25 11	34 05	36 16	09 13	15 10	...	—	08 12	10 07	11 06	22 03
D. I. Khan ...	...	—	—	..	...		—	...	...	...	...	...			
Drosh ...	...	—	...		21 08			...	...	...	...	...	10 01	10 06	03 11
Fort Sandeman ...	...	...	...	23 02	03 04	15 08	19 10	21 07	22 08	...	...		24 03	22 03	11 03
Jacobabad ...	13 10	11 09	11 10	09 11	08 03	10 11	16 10	15 13	15 19	30 04	02 03	08 04	11 04	12 09	05 11
Jessore ...	20 03	22 02	32 01	36 04	02 05	10 09	07 17	08 19	09 23	20 14	19 13	23 04	12 05	09 03	01 06
Jhelum ...	03 06	36 05	29 04	23 07	28 05	21 04	...	...	...	30 09	32 17	31 10	29 05	30 07	28 07
Jiwani ...	19 10	14 12	14 11	05 04	—	...	...	...	...	11 08	10 13	09 11		...	...
Karachi ...	10 26	10 31	09 34	08 26	...		...		—	10 23	12 22	13 21	12 19	...	...
Khanpur ...	07 02	07 02	07 03	08 10	10 09	...	...	...	...	24 17	25 23	25 26	26 19		...
Lahore ...	35 03	36 03	36 04	13 12	...	...	...	—	...	36 04	30 06	29 08	29 12	30 09	01 03
Multan ...	35 14	01 10	05 07	11 10	11 08	14 11	17 15	17 15	...	03 09	06 11	04 06	28 06	24 10	23 06
Muscat ...	—	—	...	...	...	...	...	...	...	—	...		—	..	...
Panjgur ...	...	...	...	..	...	...	—	...	...	...	...				
Peshawar ...	...	...	..	..	...	...	...	...	...	.	19 04	31 03	32 13	33 13	35 03
Quetta ...	No	Ascent	...	..	—	..	—	...	...	No	Ascent	..	...		...
Sharjah ...															
Sylhet ...	29 04	28 06	26 06	14 03	10 12	05 09	07 10	19 10	09 12	18 11	...	...	...	...	
Veraval ...	...	...	...	...	...	...	...	...	..	...	..	...	...	...	...

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

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.8	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Misda																	
Karachi ...	11 24	11 25	09 25	09 24	09 23	09 25	12 23	12 19	12 21	13 21	13 28	14 25	15 15	12 08	...	...	...	...
Peshawar ...																		
Quetta ...																		

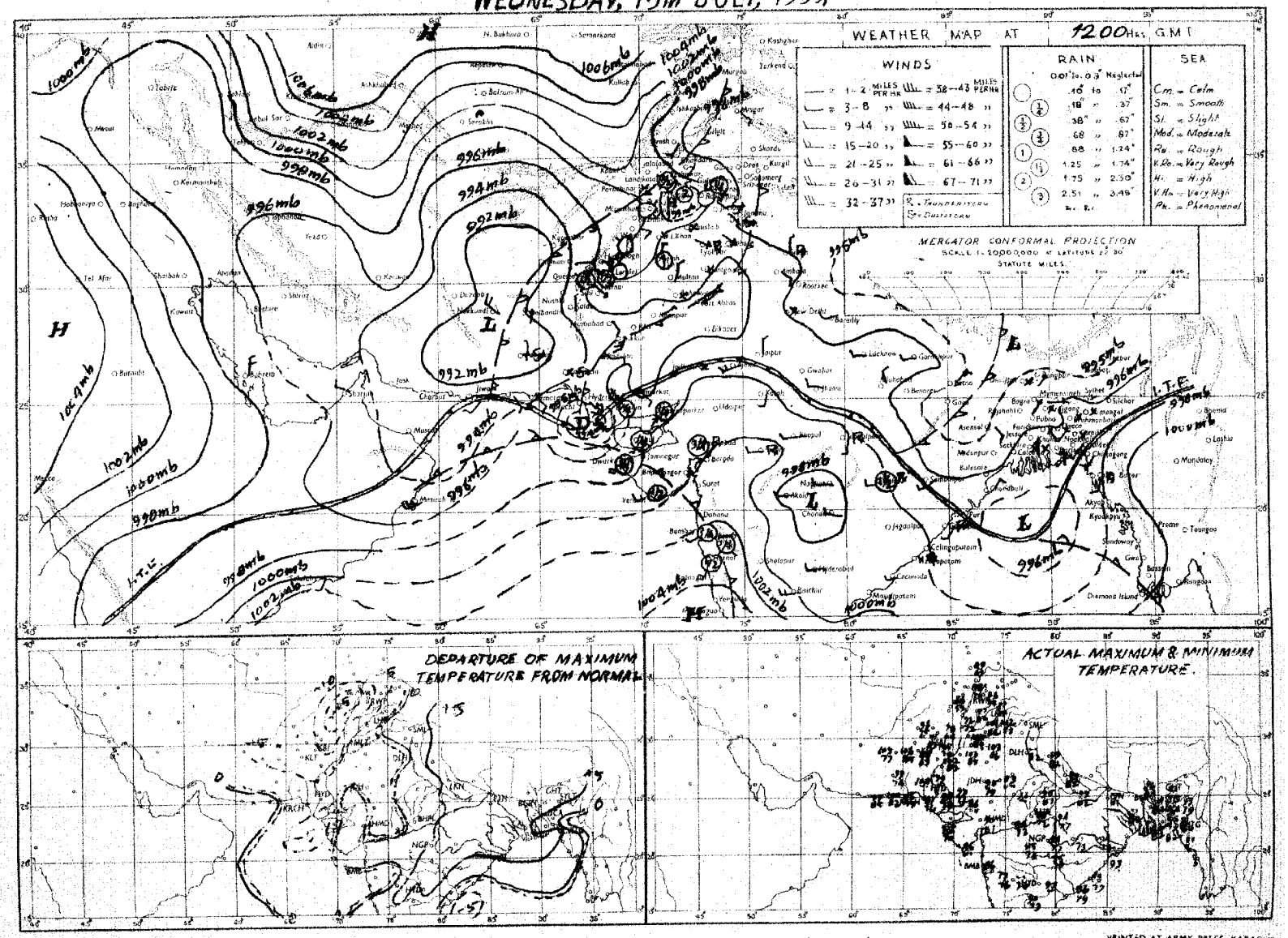
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted

Cloud observation Data (GGiii $Cd_{v.v.}$ etc.)

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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 15th JULY, 1959,



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

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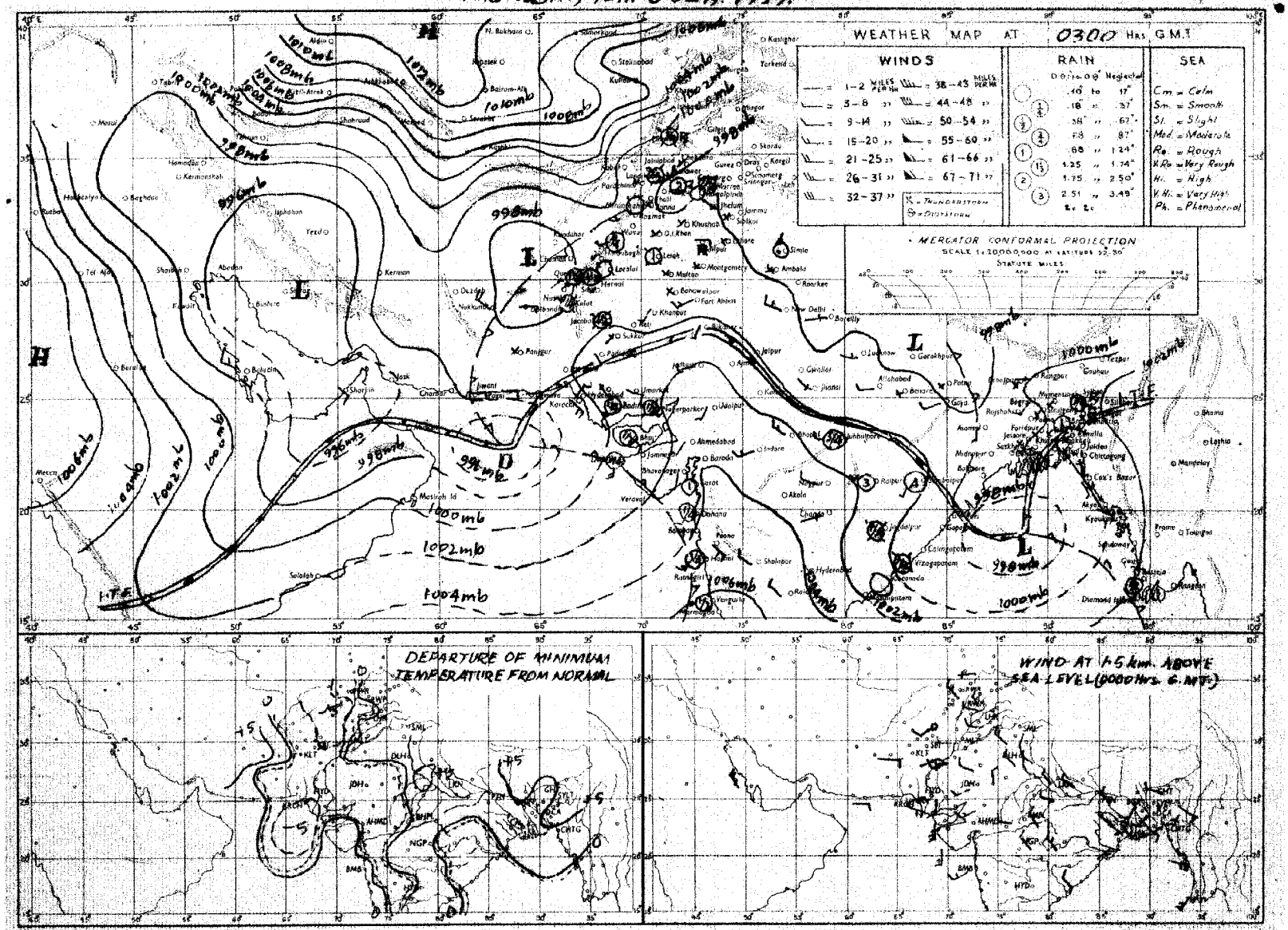
PAKISTAN DAILY WEATHER MAP

THURSDAY, 16th JULY, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

FRIDAY THE 17th JULY, 1959.
Summary of observations recorded at 0300 hrs. G.M.T.

Latest ship's observations indicate that the shallow depression off Mekran coast revived into a depression with its centre at 17,0300 G. M. T. within half a degree of latitude 23 °N and longitude 63½ °E. It is likely to move westwards. Under its influence local rain has occurred in north Kalat, Hyderabad divisions and the Federal Capital Area. Local dust storms have occurred in south Kalat division and scattered in D. I. Khan division.

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

Ship's observations from the Bay and from Orissa are lacking but believe depression has formed with its centre at 17,0300 G. M. T. within one degree of latitude 18½ °N and longitude 87½ °E. It is likely to intensify and move westwards.

Fairly widespread rain/thundershowers have occurred in Chittagong and Dacca divisions.

Chief amounts of rainfall are: Comilla 2"; Faridpur 1½"; Brahmanbaria, Narayanganj 1" each; Sylhet 3/4"; Sirimangal, Dacca, ½" each; Kalat, Nagarparkar, Karachi (Manora) and Karachi (Airport) ¼" each.

Day temperatures were 3—5 °F above normal in Lahore, Chittagong and Dacca divisions and 4—8°F below normal in Quetta, Khairpur, Kalat and Hyderabad divisions.

Forecast valid until the evening of 18th July, 1959. Fairly widespread rain/thundershowers will occur in Chittagong, Dacca divisions, Local in Rajshahi division and scattered in Kalat, Hyderabad divisions and the Federal Capital Area.

Heavy Rainfall Warning: Locally moderate to heavy rain will fall in Chittagong and Dacca divisions during the next 24 hours.

Karachi-11
The 17th July, 1959.

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

OBSERVATIONS

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	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	Amount of Lowest Cloud †	Low Cloud Form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F.	Minimum Temperature °F	Departure from Normal of: Maximum Temperature	Minimum Temperature	Rainfall: Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	4	7	20	05	95	96	9	978	83	5	9	8	2	0	78	89	000	9	4	16	05	97	01	9	014	88	1	4	6	6	2	76	79	+ 4	+ 9	56.5	+ 6.8	72.3	140
	Chittagong	000	0	7	23	05	97	02	2	986	84	5	3	6	2	0	78	90	000	0	7	11	05	97	02	2	014	87	4	4	6	1	1	79	80	+ 4	+ 3	44.9	+11.0	76.9	108
	Maijdee Court	000	2	8	00	00	97	01	5	972	88	4	2	5	4	2	80	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					115
	Comilla	000	0	5	00	00	97	02	2	970	90	5	4	1	0	0	80	93	255	7	8	00	00	97	02	9	018	86	8	4	5	x	9	79	77	+ 5	0	22.3	— 3.5	80.3	94
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	113	2	5	31	02	97	03	6	019	84	2	4	5	0	0	80	79		—	—	—	—	76
	Sylhet	000	9	6	00	00	96	02	9	971	86	4	5	6	7	0	80	89	070	2	5	00	00	96	61	9	019	81	1	4	5	7	4	79	79	—	—	73.5	—	121.8	—
	Srimangal	000	0	6	00	00	96	03	2	976	88	5	4	5	0	2	80	89	041	6	7	00	00	96	03	9	020	84	3	4	5	3		78	77	—	—	30.5	+ 3.8	64.3	98
Dacca	Mymensingh	000	0	6	00	00	98	02	2	977	82	2	4	5	0	4	80	90	000	0	2	13	02	98	01	1	018	86	2	2	5	0	0	81	80	+ 2	+ 2	26.5	— 0.4	40.6	91
	Narayanganj	000	9	7	00	00	95	03	2	971	89	1	1	6	3	8	81	92	106	5	7	00	00	95	03	6	015	82	2	4	5	7	0	78	77	+ 4	— 1	22.3	+ 2.2	43.4	74
	Dacca (Tezgaon)	000	9	7	00	00	98	02	2	967	87	1	3	6	3	4	80	90	050	6	8	00	00	98	21	9	009	79	1	1	4	7	x	79	77	—	—	21.9	—	38.5	—
	Faridpur	000	8	6	16	02	96	01	2	993	89	3	4	8	1	0	81	91	148	5	8	00	00	95	51	9	017	77	9	7	6	x	x	77	75	+ 3	3	17.6	— 2.2	45.8	71
	Barisal	000	0	6	00	00	97	02	2	972	88	4	0	8	4	2	81	92	007	0	6	18	02	97	03	2	010	87	6	0	8	4	0	82	86	+ 5	+ 7	32.9	+ 0.9	47.8	81
Rajshahi	Khulna	000	0	6	00	00	95	03	2	970	89	6	6	8	0	0	78	93	000	0	8	09	01	94	03	2	014	84	8	8	8	x	x	80	82	+ 4	+ 4	20.3	0	30.3	66
	Satkhira	000	0	6	09	02	97	02	2	974	89	4	4	6	6	0	81	92	003	2	8	05	02	96	60	6	012	81	8	7	5	x	x	80	81	—	—	12.9	— 6.0	26.0	65
	Jessore	000	0	0	00	00	98	02	2	968	87	8	0	9	5	0	81	89	000	0	8	18	05	98	92	2	004	86	8	2	5	x	x	81	82	+ 1	+ 3	15.2	— 3.8	40.2	68
	Sirajganj	000	0	7	09	02	96	02	2	974	85	3	4	6	2	0	82	88	000	0	7	09	02	96	02	2	015	87	3	5	6	0	4	79	81	— 1	+ 2	15.7	— 4.5	34.7	64
	Bogra	000	8	8	00	00	96	02	2	975	87	8	4	7	x	x	79	91	000	0	0	00	00	96	00	0	011	89	0	0	9	8	0	79	80	+ 2	+ 1	17.6	— 5.8	25.0	69
	Dinajpur	000	0	8	05	02	96	01	2	xxx	83	8	5	6	x	x	79	89	000	0	3	09	05	96	01	1	xxx	88	3	0	9	2	0	80	79	0	+ 1	28.5	+ 0.2	49.4	72
	Rangpur																																								84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd)	000	0	1	31	02	96	01	0	974	03	1	1	7	0	0	74	03	000	6	3	31	05	96	01	1	968	91	0	0	9	0	5	75	85	+ 3	+ 6	2.9	— 1.7	6.7	19
	Sialkot	000	0	0	00	00	98	00	0	949	99	0	0	9	0	0	73	00	000	0	0	00	00	97	00	0	958	91	0	0	9	0	0	78	85	+ 3	+ 5	13.7	+ 5.8	19.6	32
Rawalpindi	Jhelum	000	0	0	31	02	98	02	0	944	99	0	0	9	0	0	76	00	000	0	1	00	00	97	03	0	956	92	1	0	9	3	0	77	82	—	—	4.1	—	19.4	—
	Rawalpindi	000	0	1	00	00	99	01	0	xxx	92	1	1	8	0	0	71	98	000	0	0	00	00	99	00	0	957	90	0	0	9	0	0	76	80	+ 1	+ 3	12.1	+ 6.0	25.2	36
	Khushab	000	0	1	11	02	99	02	1	951	02	1	3	6	0	0	70	06	000	0	0	00	00	99	00	0	971	92	0	0	9	0	0	76	85	+ 4	+ 3	7.4	+ 4.2	42.9	15
Multan	Lyallpur	000	0	6	16	02	96	02	0	941	02	0	0	9	0	5	71	02	000	0	6	16	02	96	02	0	947	88	0	0	9	0	5	72	86	+ 1	+ 4	1.4	— 1.4	4.1	12
	Montgomery	000	0	0	00	00	96	00	0	956	05	0	0	9	0	0	72	06	000	0	0	00	00	96	00	0	976	88	0	0	9	0	0	73	85	+ 3	+ 1	0	— 2.5	2.3	10
	Multan	000	0	4	23	03	97	01	1	953	01	2	1	6	0	1	79	03	000	0	3	13	07	96	07	1	957	90	0	0	9	6	2	78	86	+ 1	+ 2	2.1	+ 0.6	4.1	7
Bahawalpur	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	36	01	97	05	0	935	85	0	0	9	0	0	80	80	—	—	—	—	—	8
	Khanpur	000	0	0	27	03	96	00	0	966	02	0	0	9	0	0	77	03	000	0	3	25	07	96	03	0	982	8	0	0	9	0	3	77	84	— 4	+ 1	0.2	— 1.2	1.0	8
	Bahawalpur	000	0	0	23	05	97	03	2	961	05	0	0	8	0	0	75	05	000	0	8	23	09	97	03	0	981	89	8	0	9	0	9	72	86	0	+ 2	0	— 1.3	1.0	6
	Fort Abbas	000	3	3	31	00	97	01	1	959	96	3	3	8	3	0	75	05	000	0	0	25	17	94	07	1	979	91	0	0	9	0	0	70	86	—	—	0	—	0.3	4
Peshawar	Chakdara	000	0	0	23	02	99	00	0	941	96	0	0	9	0	0	73	97	000	0	0	00	00	99	00	0	943	82	0	0	9	0	0	70	75	—	—	1.8	—	17.4	—
	Peshawar	000	0	1	05	05	99	02	0	933	97	1	2	6	0	0	69	02	000	0	0	31	03	97	35	0	957	87	0	0	9	0	0	73	81	0	+ 1	0	—	—	14
	Haripur	000	0	0	23	02	97	00	0	939	93	0	0	9	0	0	85	95	000	0	0	13	04	97	02	0	963	84	0	0	9	0	0	71	79	—	—	—	—	—	—
	Campbellpur	000	0	0	18	02	98	00	0	965	99	0	0	9	0	0	81	09	000	0	0	09	03	98	00	0	973	91	0	0	9	0	0	87	62	—	—	4.6	—	18.6	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	935	00	0	0	9	0	0	62	01	000	0	0	05	01	99	00	0	940	89	0	0	9	0	0	72	82	—	—	6.6	—	13.5	11
	D. I. Khan	000	6	0	00	00	98	00	0	946	98	0	0	9	0	0	85	99	000	2	3	09	02	98	01	1	937	87	0	0	9	0	3	79	82	— 4	— 1	7.6	+ 5.9	11.4	10
Quetta	Sibi	000	9	3	13	02	99	03	1	958	01	0	2	9	0	0	74	03	000	0	0	13	02	99	00	0	980	88	0	0	9	6	0	78	80	—	—	1.4	—	1.7	5
Kalat	Nokkundi	000	0	0	31	02	95	02	0	922	02	0	0	9	0	0	39	04	000	0	1	00	00	95	05	0	932	90	0	0	9	0	1	47	90	—	—	0	—	1.1	2
	Turbat	000	0	6	23	02	96	03	3	945	05	0	0	9	6	0	80	11	000	0	6	18	02	95	03	1	987	88	0	0	9	6	0	81	xx	—	—	1.6	—	4.0	—
	Jiwani	000	0	5	23	07	96	03	2	960	89	3	5	5	3	0	78	93	000	0	2	18	07	96	01	0	982	87	0	0	9	0	1	79	81	—	—	0	—	5.6	4
	Pasni	000	0	x	11	26	97	00	0	955	90	6	0	9	5	0	89	93	000	0	0	05	12	97	00	0	977	87	0	0	9	0	0	83	83	0	+ 5	0	— 0.5	2.5	6
	Ormara	000	0	2	09	12	98	01	1	955	90	2	2	8	0	0	76	91	000	0	4	09	03	98	02	1	981	86	4	2	7	0	0	79	81	—	—	0	— 0.3	1.9	6
	Las Bela	000	0	3	00	xx	98	30	3	963	01	0	0	9	6	8	78	03	000	0	0	00	xx	98	00	0	992	83	0	0	9	0	0	78	79	—	—	0.7	—	0.7	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	023	4	3	13	14	97	01	8	976	82	0	0	9	0	2	75	87	023	2	7	09	12	93	51	5	001	80	0	0	9	2	0	80	77	— 1	— 4	5.7	+ 3.2	[illegible]	8
	Karachi (Air Port)	016	9	5	05	05	96	20	5	980	82	2	1	6	3	0	76	92	021	9	6	09	05	96	01	8	999	81	3	6	5	3	0	77	78	—	—	7.9	—	[illegible]	—
	Badin	000	0	0	23	02	97	00	0	985	88	0	0	9	0	0	80	92	000	0	0	23	02	96	00	0	012	83	0	0	9	0	0	80	80	— 8	— 2	1.3	— 1.2	[illegible]	9
	Nagarparker	022	4	8	00	00	98	02	3	988	78	8	7	7	x	x	75	80	022	0	0	00	00	95	00	0	021	87	0	0	9	0	0	76	76	—	—	3.5	—	[illegible]	—
	Umarkot	000	0	7	18	05	98	00	0	976	95	7	2	6	0	0	72	98	000	0	0	18	07	98	00	0	005	82	0	0	9	0	0	77	79	—	—	2.8	—	[illegible]	—
	Hyderabad	000	0	6	16	05	97	02	2	989	91	2	5	6	2	0	73	95	000	0	3	18	03	97	02	0	009	82	3	5	6	0	0	75	79	— 4	— 2	2.4	+ 0.4	[illegible]	7
Khairpur	Pad-i-dan	000	8	2	16	09	98	01	1	978	97	2	2	6	0	6	66	97	000	0	1	16	10	98	01	0	999	84	1	1	6	0	1	70	80	—	—	3.5	—	[illegible]	—
	Nawabshah	000	0	5	18	03	96	03	1	984	93	5	4	0	0	0	69	95	000	0	6	18	07	96	03	0	009	83	4	6	5	0	3	76	70	—	—	1.9	—	[illegible]	—
	Sukkur	000	8	4	23	03	96	03	1	971	95	4	0	9	6	0	77	99	000	3	0	20	03	96	00	0	993	84	0	0	9	0	0	74	81	—	—	0.8	—	1.8	4
	Kashmore	000	0	0	05	14	99	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	18	07	99	00	0	xxx	93	0	0	9	0	0	77	87	—	—	0.2	—	1.2	—
	Jacobabad	000	0	2	18	07	96	01	0	979	97	2	0	6	0	0	72	97	000	0	0	18	07	96	02	0	994	84	0	0	9	0	0	73	83	— 11	— 2	3.6	+ 2.9	4.3	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								
Kashmir	Srinagar																																								26
	Gulmarg																																								—
	Sonamarg																																								71
	Dras																																								26
	Leh																																								3
	Skardu																																								6
	Misgar																																								—
	Aliabad																																								
	Gilgit																																								5
Rawalpindi	Murree	000	5	5	29	02	97	02	1	413	74	5	3	3	0	0	66	76	000	9	6	18	03	98	02	1	419	68	4	1	4	8	0	63	63	+ 3	+ 5	17.5	—	42.7	59
Peshawar	Drosh	000	0	2	27	03	98	03	0	381	00	2	2	7	0	0	51	03	000	0	0	00	00	98	02	8	410	84	0	0	9	0	0	64	76	+ 6	+ 3	1.2	—	30.3	18
	Cherat	000	0	0	13	01	99	00	0	408	89	0	0	9	0	0	79	90	000	0	0	13	03	99	00	0	414	79	0	0	9	0	0	71	72	+ 1	+ 1	4.4	+ 1.0	14.5	29
	Kakul	000	2	1	18	05	99	01	1	416	86	1	1	7	0	0	54	88	000	9	6	23	02	97	03	1	419	79	6	5	7	0	0	69	73	—	—	15.0	—	33.8	—
	Landi Kotal	000	0	0	13	03	99	00	0	400	95	0	0	9	0	0	64	98	000	0	1	05	02	99	00	0	403	85	0	0	9	0	0	67	xx	—	—	2.5	—	17.6	—
D.I. Khan	Parachinar	000	0	3	13	02	99	00	0	795	85	0	0	9	0	0	75	xx	000	0	0	00	00	99	00	0	795	73	0	0	9	0	0	60	xx	—	—	7.9	—	21.9	29
	Miranshah	000	0	0	00	00	99	00	0	409	95	0	0	9	0	0	62	96	000	0	0	00	00	99	00	0	393	82	0	0	9	0	0	69	78	—	—	1.4	— 0.4	4.4	13
	Wana	000	0	3	23	05	99	00	3	393	92	3	2	8	0	0	61	93	000	0	0	00	00	99	00	0	433	81	0	0	9	0	0	61	72	—	—	—	—	—	—
	Fort Sandeman	000	0	5	20	03	96	03	0	415	91	5	2	6	0	3	61	93	000	0	2	00	00	98	01	0	415	81	2	0	9	0	4	68	74	— 7	— 1	1.0	— 0.1	10.3	11
Quetta	Hindubagh	000	4	3	07	01	97	03	0	390	87	0	0	9	3	3	72	88	000	0	0	23	01	98	00	0	386	78	0	0	9	0	0	63	78	—	—	1.0	—	9.1	—
	Loralai	000	0	4	27	02	98	02	1	446	86	0	0	9	0	0	70	86	000	0	0	00	00	98	00	0	455	76	0	0	9	0	0	69	66	—	—	3.9	—	8.8	—
	Harnai	000	0	8	09	02	96	00	0	xxx	xx	0	0	9	4	0	xx	xx	000	0	8	27	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	1.7	— 0.2	6.1	14
	Quetta	000	0	6	18	02	96	02	0	443	82	6	0	8	x	x	69	83	000	0	0	00	00	95	00	0	410	76	0	0	9	0	0	67	66	—	—	2.6	+ 2.4	8.2	8
	Chaman	000	7	8	27	03	96	02	2	410	91	8	4	8	0	0	58	xx	000	0	0	16	02	98	02	0	427	83	0	0	9	0	0	39	74	×	— 2	0.2	+ 0.1	4.2	7
Kalat	Kalat	037	1	6	34	05	97	43	6	419	65	6	7	5	1	0	64	80	037	0	0	00	00	98	02	0	xxx	70	0	0	9	0	0	61	69	— 11	— 2	0.7	+ 0.2	5.9	9
	Mushki	010	1	4	09	02	99	01	6	447	86	4	0	9	0	0	65	01	010	0	0	09	03	99	02	0	457	85	0	0	9	0	0	60	79	—	—	0.4	—	2.2	—
	Dalbandin	000	8	4	23	03	94	05	1	408	01	4	1	7	6	0	51	02	000	9	0	05	05	96	02	1	415	90	0	0	9	0	0	42	82	— 8	+ 5	0	0	2.1	5
	Panjgur	000	0	x	31	02	98	03	0	423	97	0	0	9	0	0	42	97	000	0	0	36	02	98	00	0	425	78	0	0	9	0	0	57	76	— 8	— 1	0.2	—	1.9	4
Afghanistan	Kabul	000	0	3	27	03	99	02	2	442	83	3	3	8			57	90	000	0	0	36	02	99	00	0	470	71	0	0	9	0	0	63	62	—	—	—	—	—	12
	Kandahar																																								—

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 17th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	0 $T_sT_sT_dT_d$	$1d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Caledonia	53 128	682 00	5 16 12	97 02 8	989 82	97 8 00	35 50 2	—	0 53 76	1 16 x4
Udomaru	53 139	727 00	7 24 20	98 02 2	058 79	68 4 20	35 40 5	—	0 54 75	1 74 68
Caltex Delft	53 280	668 26	8 18 42	96 51 2	992 81	87 4 00	xx xx x	—	0 52 79	1 18 55
Carpentaria	53 202	687 07	8 19 24	98 02 2	990 86	86 4 00	75 01 0	—	0 52 83	1 24 53
Caltex Delft	53 221	659 12	8 18 42	96 02 2	098 79	88 4 xx		—	0 53 77	1 60 66
Ismaria	53 290	687 12	0 35 08	96 02 0	975 93	00 9 00	26 79 0	—	0 88 72	1 35 21
Carpentaria	53 280	877 12	8 15 22	98 01 2	xxxxx	56 4 00	75 78 0	—	0 53 00	1 21 59
Circassia	53 245	665 12	5 17 18	98 01 8	972 83	30 7 80		—		
Alfred Frassinet	53 142	498 18	0 24 24	98 02 0	017 81	00 9 00	26 20 3	—	0 86 75	1 19 22
Caltex Delft	53 221	652 18	8 16 23	86 03 5	004 79	87 4 xxx	—	—	0 01 77	1 16 55
Circassia	53 236	653 18	8 11 24	98 03 5	965 81	30 4 76		—		
Dara	53 247	623 18	5 19 07	98 03 2	984 06	50 9 38	65 22 0	—	0 53 81	1 13 22
Riyadhinaru	53 235	608 18	7 18 02	97 02 1	975 80	70 5 30	36 xx x	—		
Tore	53 254	516 18	0 12 04	98 02 0	975 90	08 9 00	24 50 3	—	0 51 82	1 12 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sagra														
Chittagong														
Dacca	00 00		Misds	...	...	...	...	...	...	...	...	...	...	...
Jiwani														
Karachi	00 00	997 255 252		...	350 192 999	...	029 112 999	305 065 999	779 515 999	517 682 999	965 755	246 960	431 120	675 238
Lahore	00 00	972 292 253	...	...	398 212 212	...	039 110 999	307 055 999	768 525 999	510 620 999	...	...	...	...
Multan														
Peshawar														
Quetta	00 00	824 195 185	Misds	...	...	...		...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Sagra													
Chittagong													
Dacca	00 00	...	Misds	...	...	...	...	...	...	...	...	...	...
Jiwani													
Karachi	00 00		...	...		...	...	...	...	...	100 238 999	...	...
Lahore	00 00	372 660 999	...	...	...	...	...	...	...	...	372 660 999	...	...
Multan													
Peshawar													
Quetta	00 00	...	Misds	...	...	...	...	...	...	...	...	...	...

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bagra	11 05	10 04	11 05	10 07	09 08	...	...	...	...
Chaklala	...	...	...	...	...	...	...	...	...
Chhor	17 17	17 13	18 15	17 13	17 13	16 19	...	...	...
Chittagong	27 13	25 06	01 05	04 09	10 03	10 10	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...
Dacca	03 04	03 05	04 06	09 05	09 08	06 08	02 06	10 08	10 12
Dalbandin	...	...	30 01	25 04	20 02	...	...	...	...
D.I. Khan	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	35 10	08 26	11 06	14 05	03 18
Fort Sandeman	...	...	...	22 03	21 03	12 01	09 02	...	...
Jacobabad	18 04	18 04	13 03	11 04	13 07	12 06	14 09	15 13	16 08
Ishurdi	18 06	11 09	11 09						
Jhelum	30 03	30 06	29 05	30 05	29 05	32 05	36 03	17 07	19 07
Jiwani	24 41	18 12	16 09	09 06	02 15	...	...	...	...
Karachi	13 13	14 19	13 20	13 23					
Khanpur	24 12	23 13	23 16	24 21	23 21	21 26	18 17		
Lahore	33 05	30 06	29 04	28 12	26 09	34 06	07 07	13 14	15 07
Multan	23 09	23 09	24 07	24 08	23 04	14 01	09 05	11 11	13 06
Muscat	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...
Peshawar	...	08 07	14 06	18 04	27 04	35 04	28 02	21 08	21 11
Quetta	No	Ascent	...	...	...	...	...	...	...
Sharjah	...	...	...	...	...	...	...	...	...
Sylhet	32 01	11 03	07 10	07 11	04 03	07 10	04 03	11 05	...
Veraval	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bagra	36 06	01 05	01 07	04 10	...	...
Chaklala	...	08 05	16 03	22 03	25 03	31 08
Chhor	20 17	20 21	21 18	19 18	19 22	16 17
Chittagong	14 06	14 07	15 07	11 10	10 10	13 22
Cox's Bazar	12 17	12 27	13 31	12 29	12 45	...
Dacca	21 07	20 07	18 08	14 04	12 09	13 13
Dalbandin	...	...	09 03	13 11	17 03	25 03
D.I. Khan	...	...	...	...	...	...
Drosh	...	...	...	18 01	22 06	20 12
Fort Sandeman	...	...	...	23 02	23 06	08 09
Jacobabad	20 24	20 20	21 13	15 08	15 05	12 07
Ishurdi	No	Ascent	...	...	...	...
Jhelum	10 03	22 03	25 04	28 05	29 06	30 06
Jiwani	09 09	09 13	09 16	09 30	...	...
Karachi	16 10	16 14	17 16	16 12	15 12	...
Khanpur	24 16	24 21	23 23	23 27	24 27	21 32
Lahore	27 09	27 13	27 09	29 04	27 07	34 09
Multan	21 27	22 27	23 21	22 09	21 04	07 05
Muscat	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...
Peshawar	...	34 06	32 04	26 02	23 03	29 13
Quetta	...	...	...	No	Ascent	...
Sharjah	...	...	...	...	...	...
Sylhet	12 05	13 04	11 07	13 07	...	...
Veraval	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bagra	19 01	11 01	11 05	...	...	...	...	...	...	...	...
Chaklala	...	16 06	16 04	15 04	10 01	32 09	31 04	01 01	26 04	...	...
Chhor	20 19	21 12	...	...	...	...	...	...	...	...	...
Chittagong	26 01	31 02	05 04	...	...	...	...	...	...	...	...
Cox's Bazar	12 16	12 18	12 18	...	...	...	...	...	...	...	...
Dacca	20 09	20 13	19 11	18 07	18 07	10 11	13 13	14 17	12 19	11 30	09 27
Dalbandin	...	...	09 10	08 15	06 14	03 11	14 12	11 12	13 16	14 14	15 19
D.I. Khan	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	23 03	19 04	22 10	24 13	27 05	...	...
Fort Sandeman	...	...	...	26 03	01 02	07 06	05 06	09 06	10 05	16 12	19 20
Jacobabad	20 13	20 10	19 05	09 02	17 04	10 09	08 12	10 13	11 13	...	...
Ishurdi	11 11	10 14	11 11	...	...	...	...	...	...	...	...
Jhelum	19 03	20 04	20 04	23 06	31 07	30 07	03 04	23 03	33 03	...	...
Jiwani	10 04	01 05	01 07	04 10	03 26	04 22	...	...	...	...	...
Karachi	17 16	...	...	...	...	...	...	...	...	...	...
Khanpur	23 20	23 21	23 24	24 22	25 15	23 08	11 05	14 05	18 04	...	...
Lahore	24 05	25 06	25 10	25 10	24 13	27 10	33 06	36 08	02 06	14 05	...
Multan	21 15	21 16	21 14	21 05	20 07	14 08	09 12	13 07	13 18	16 13	16 12
Muscat	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	03 04	02 02	05 02	20 07	19 11	32 06	28 04	21 04	...	...
Quetta	No	Ascent	...	...	...	...	...	...	...	...	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...
Sylhet	16 02	07 03	11 04	12 06	13 08	13 09	17 09	30 11	09 14	31 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	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Misds																	
Karachi	15 12	16 15	16 15	16 14	15 14	12 17	17 29	13 19	11 18	11 17	11 28	12 34	12 42	13 59	13 78	13 78		
Peshawar																		
Quetta																		

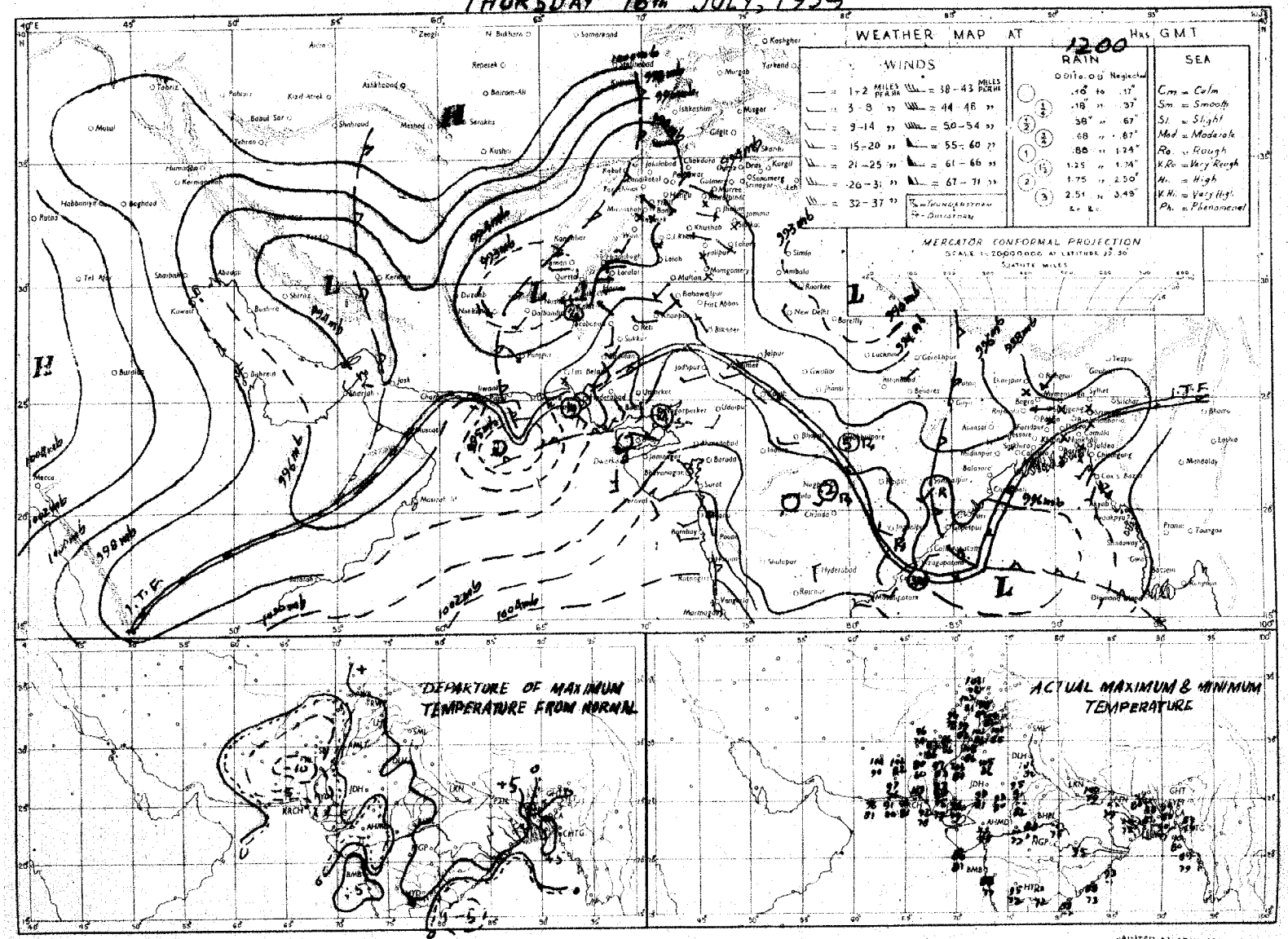
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted

Cloud observation Data (GGiII Cddv,v, etc.)

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

PAKISTAN DAILY WEATHER MAP

THURSDAY 16th JULY, 1959



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

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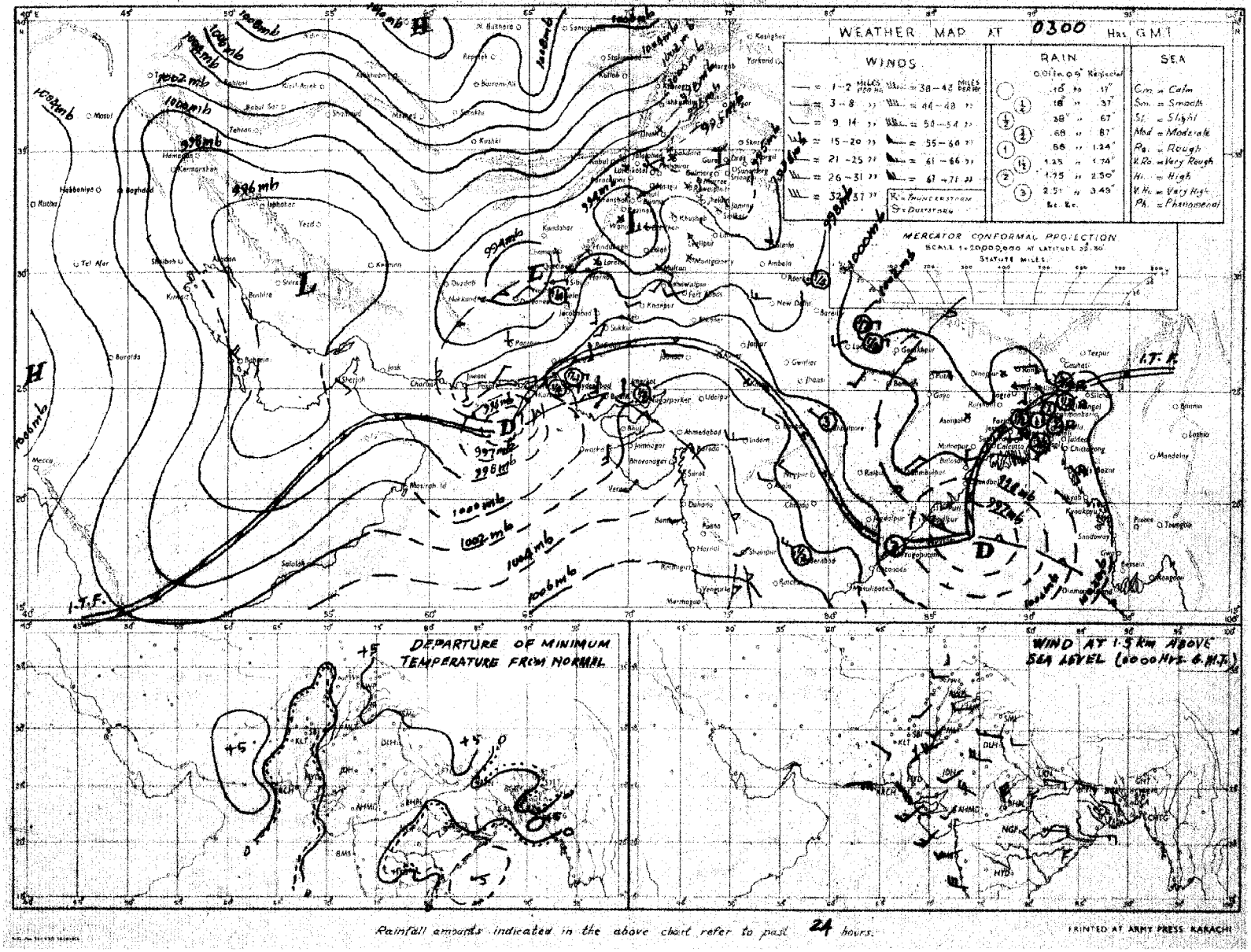
PAKISTAN DAILY WEATHER MAP

FRIDAY 17th JULY, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

SATURDAY THE 18th JULY, 1959.

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

Ship's observations are lacking but believe yesterday's depression in north Arabian Sea moved slightly westwards and is centered at 18,0300 G. M. T. within one degree of latitude 23 °N and longitude 63 °E. It is likely to move westwards and weaken.

A low pressure wave is moving across Peshawar division.

Isolated dust/thunderstorms have occurred in Bahawalpur and south Kalat divisions and light rain/drizzle in Federal Capital Area.

Observations from ships and from Orrissa are lacking but yesterday's depression in Bay of Bengal intensified into a deep depression last evening and is centered at 18,0300 G. M. T. within one degree of latitude 19 °N and longitude 87 °E. It is likely to intensify and move in a westerly direction. Rain/thundershowers have been fairly widespread in Chittagong division and local in Dacca division.

Chief amounts of rainfall are: Sylhet 1", Srimangal 3/4" and Brahmanbaria ½".

Day temperatures were 3—5 °F above normal in Lahore division and East Pakistan and 4—6 °F below normal in Bahawalpur, Hyderabad and Khairpur divisions.

Forecast valid until the evening of 19th July, 1959. Fairly widespread rain/thundershowers will occur in East Pakistan. Scattered thunderstorms/showers will occur in D. I. Khan, Peshawar, Rawalpindi, Lahore divisions and Kashmir. A few falls of light rain are also likely in Hyderabad divisions and the Federal Capital Area.

Heavy Rainfall Warning: moderate to heavy rain will fall in East Pakistan during the next 24 hours.

Karachi-11
The 18th July, 1959.

OBSERVATIONS

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

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	004	3	7	16	05	96	02	6	985	84	6	4	6	2	0	78	93
	Chittagong	007	3	8	16	05	97	95	6	981	90	8	3	4	x	x	76	91
	Maijdee Court	000	9	4	00	00	97	02	1	965	90	1	2	6	2	2	79	91
	Comilla	000	0	2	00	00	96	01	1	970	90	2	2	8	0	0	82	92
	Brahmanbaria	000	0	6	00	00	97	03	1	973	89	4	0	9	2	4	81	91
	Sylhet	000	0	7	00	00	97	03	6	968	88	3	8	6	3	1	82	93
	Srimangal	000	0	4	31	02	96	03	0	970	88	1	1	6	0	2	80	92
Dacca	Mymensingh	000	0	4	00	00	98	02	1	971	88	4	2	5	0	0	81	92
	Narayanganj	000	9	5	00	00	95	03	2	985	91	1	1	6	2	1	81	91
	Dacca (Tezgaon)	030	9	6	25	02	98	03	1	966	89	2	3	5	0	4	81	91
	Faridpur	000	6	2	16	02	96	01	1	968	90	2	4	8	0	0	80	92
	Barisal	000	0	4	00	00	97	02	2	976	90	4	0	7	4	0	80	92
Rajshahi	Khulna	000	0	4	00	00	96	01	2	971	87	6	5	8	0	0	79	91
	Satkhira	000	0	4	00	00	95	03	1	967	88	6	3	8	0	0	78	94
	Jessore	000	8	4	18	02	97	02	5	978	90	4	4	6	6	0	80	91
	Sirajganj	000	0	8	00	00	98	02	2	958	89	0	0	9	0	4	81	91
	Bogra	000	0	7	00	00	96	02	2	962	89	2	2	6	2	0	79	93
	Dinajpur	000	0	8	00	00	96	00	0	956	92	0	0	9	0	0	79	96
	Rangpur	000	0	3	13	02	96	01	1	xxx	93	2	5	6	2	0	81	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	8	6	23	07	95	05	1	947	02	2	2	6	3	2	72	04
	Sialkot	000	0	2	23	02	97	03	0	936	02	2	2	6	x	0	77	03
Rawalpindi	Jhelum	000	8	6	23	07	98	02	1	936	01	1	8	8	0	7	73	02
	Rawalpindi	000	0	1	11	02	99	02	0	935	99	1	1	8	0	0	73	00
	Khushab	000	0	2	09	02	99	01	1	936	04	0	0	9	0	4	74	05
Multan	Lyallpur	000	0	6	16	03	94	05	3	931	03	6	0	9	5	0	65	04
	Montgomery	000	0	0	13	02	96	00	0	956	02	0	0	9	0	0	66	05
	Multan	000	0	3	13	05	97	07	0	944	99	0	0	9	0	2	71	00
Bahawalpur	Leiah	000	0	5	00	00	98	05	1	005	98	3	6	8	4	0	71	01
	Khanpur	000	0	0	23	05	55	05	0	964	02	0	0	9	0	0	68	03
	Bahawalpur	000	0	3	23	09	96	06	3	969	02	0	0	9	0	8	76	02
	Fort Abbas	000	0	6	20	07	97	03	2	951	03	6	0	9	3	0	58	05
Peshawar	Chakdara	000	0	1	23	03	99	01	1	919	97	1	1	7	0	0	73	98
	Peshawar	000	0	1	05	07	98	02	0	971	03	1	1	7	0	1	71	03
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Campbellpur	000	0	4	18	09	98	03	0	945	03	4	1	6	0	0	60	03
D. I. Khan	Bannu	000	3	3	13	02	99	03	0	921	02	0	0	9	0	8	67	03
	D. I. Khan	000	0	2	00	00	98	01	1	935	04	0	0	9	0	2	89	05
Quetta	Sibi	000	0	0	13	02	99	00	0	952	02	0	0	9	0	0	73	02
Kalat	Nokkundi	000	9	0	31	02	95	05	4	912	06	0	0	9	0	0	50	08
	Turbat	000	0	0	23	03	96	17	0	947	04	0	0	9	0	0	77	11
	Jiwani	000	0	0	18	10	96	02	0	966	91	0	0	9	0	0	75	95
	Pasni	000	0	2	13	23	98	07	0	959	89	0	0	9	0	1	78	92
	Ormara	000	0	2	13	07	98	01	1	970	88	2	2	8	0	0	78	91
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	3	18	12	97	01	2	986	85	0	0	9	0	4	78	88
	Karachi (Air Port)	001	8	3	16	09	96	01	5	986	88	3	8	5	0	0	75	89
	Badin	000	0	0	23	02	97	00	0	985	91	0	0	9	0	0	80	92
	Nagarparkar	000	0	0	23	02	96	00	0	986	98	0	0	9	0	0	86	00
	Umarkot	000	0	4	20	09	98	02	0	977	96	2	1	6	0	2	70	97
	Hyderabad	000	0	2	18	07	97	01	0	988	93	2	5	6	0	0	71	95
Khairpur	Pad-i-dan	000	8	5	13	10	98	03	1	970	96	1	1	6	0	4	69	98
	Nawabshah	000	0	7	18	12	96	02	1	987	94	2	5	6	0	1	72	96
	Sukkur	000	6	6	20	05	96	03	1	964	97	0	0	9	0	3	76	98
	Kashmore	000	0	8	23	10	99	00	0	xxx	08	0	0	9	0	0	86	xx
	Jacobabad	000	0	3	18	03	96	02	0	960	97	0	0	9	0	0	71	98
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit	000	9	5	31	02	98	02	1	412	72	5	3	3	0	0	62	73
Rawalpindi	Murree	000	0	3	23	14	98	03	0	357	98	3	2	7	0	0	57	02
Peshawar	Drosh	000	0	0	13	05	98	00	0	399	89	0	0	9	0	0	76	91
	Cherat	000	7	3	20	03	97	01	1	413	85	3	4	6	1	0	67	89
	Kakul	000	0	2	13	05	99	03	0	399	93	1	2	7	0	6	71	95
	Landi Kotal	000	0	4	03	02	99	00	0	793	88	4	0	9	1	0	78	xx
	Parachinar	000	0	4	05	03	99	03	0	406	96	4	2	7	0	0	69	97
D.I. Khan	Miranshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Wana	000	0	5	16	09	98	01	0	405	97	5	0	9	7	0	62	99
	Fort Sandeman	000	3	6	29	02	96	03	0	355	95	5	0	9	2	3	72	95
Quetta	Hindubagh	000	0	2	23	02	98	02	1	468	88	0	0	9	0	3	77	90
	Loralai	000	0	3	09	02	98	02	0	xxx	xx	x	x	x	x	x	x>	xx
	Harnai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Quetta	000	0	0	27	03	98	00	0	389	01	0	0	9	0	0	58	02
	Chaman	000	0	5	13	12	97	01	2	397	84	5	4	7	0	0	65	85
Kalat	Kalat	000	0	0	00	00	99	02	0	443	86	0	0	9	0	0	48	08
	Nushki	000	2	1	05	05	94	05	0	404	06	1	1	7	0	0	44	06
	Dalbandin	000	0	6	13	05	98	03	0	427	96	4	0	9	4	0	49	09
	Panjgur	000	0	3	36	03	99	03	0	427	87	3	3	8	0	0	48	97
Afghanistan	Kabul																	
	Kandahar																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Cox's Bazar	004	9	5	16	05	97	03	1	997	87	3	3	6	6	9	75	79
	Chittagong	008	9	6	11	09	97	02	6	993	86	3	2	7	2	x	74	78
	Maijdee Court	012	9	4	13	09	98	03	0	993	85	2	1	9	0	2	74	77
	Comilla	000	0	7	00	00	97	02	9	990	87	2	4	8	0	0	77	80
	Brahmanbaria	063	0	6	00	00	97	03	2	993	87	4	4	4	2	0	80	78
	Sylhet	100	7	6	00	00	97	03	9	997	85	2	5	6	2	0	78	76
	Srimangal	076	8	3	00	00	96	03	9	002	85	3	4	6	0	4	78	76
Dacca	Mymensingh	007	3	6	13	02	98	02	6	002	86	6	4	7	0	0	79	79
	Narayanganj	016	9	7	11	05	96	03	6	987	88	6	4	5	0	1	78	82
	Dacca (Tezgaon)	006	9	7	13	07	98	02	9	984	86	4	4	4	0	1	79	81
	Faridpur	008	9	5	06	02	97	03	6	011	85	5	5	7	0	0	83	76
	Barisal	000	0	8	18	05	97	02	2	090	85	8	7	5	x	x	78	82
Rajshahi	Khulna	000	0	6	13	07	96	01	2	980	82	6	5	7	0	0	81	85
	Satkhira	000	0	8	10	02	95	03	2	976	83	8	6	8	x	x	79	81
	Jessore	000	0	6	13	07	97	03	2	981	85	6	4	6	0	0	79	81
	Sirajganj	000	0	8	18	03	98	02	1	980	88	8	1	9	4	x	80	82
	Bogra	006	5	7	09	03	96	02	6	988	87	3	4	5	1	1	79	83
	Dinajpur	000	0	8	00	00	96	00	0	985	89	0	0	9	0	0	82	85
	Rangpur	00.	0	7	13	02	96	03	1	xxx	85	7	5	6	0	0	79	83
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	9	1	23	02	95	05	1	964	91	0	0	9	0	1	73	85
	Sialkot	000	2	6	13	03	97	02	1	961	85	6	5	6	0	0	78	83
Rawalpindi	Jhelum	000	0	1	13	05	96	03	0	955	87	1	0	9	3	0	78	84
	Rawalpindi	000	0	8	0	00	98	03	1	942	90	8	0	9	6	x	75	83
	Khushab	000	0	0	00	00	96	05	4	959	90	0	0	9	0	0	74	85
Multan	Lyallpur	000	0	0	16	02	96	00	0	957	89	0	0	9	0	0	71	85
	Montgomery	000	0	0	13	02	96	00	0	966	87	0	0	9	0	0	72	85
	Multan	000	0	0	23	05	97	01	0	948	88	0	0	9	.	0	72	85
Bahawalpur	Leiah	000	0	7	18	03	98	05	0	111	91	0	0	9	0	1	88	82
	Khanpur	00	0	0	25	05	96	03	0	96.	8	0	0	9	0	0	78	84
	Bahawalpur	000	0	0	20	09	96	08	0	966	89	0	0	9	0	0	71	85
	Fort Abbas	---	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chakdara	000	0	6	00	00	99	01	2	933	85	6	0	8	4	0	75	76
	Peshawar	000	0	0	23	05	98	12	1	937	91	2	0	9	3	0	75	86
	Haripur	000	3	6	23	04	97	03	2	919	91	6	0	9	3	0	77	82
	Campbellpur	000	0	6	09	02	97	03	0	951	90	6	0	9	6	0	80	66
D. I. Khan	Bannu	000	0	0	00	00	99	c0	0	930	90	0	0	9	0	0	56	85
	D. I. Khan	000	0	0	00	00	98	00	0	938	89	0	0	9	0	0	79	82
Quetta	Sibi	003	0	0	13	02	99	00	0	975	87	0	0	9	0	0	72	78
Kalat	Nokkundi	000	9	6	05	02	97	03	4	942	95	0	0	9	3	9	53	88
	Turbat	000	0	0	23	02	96	00	0	986	87	0	0	9	0	0	77	xx
	Jiwani	000	0	4	09	03	96	02	0	985	86	0	0	9	0	0	77	84
	Pasni	000	0	4	05	03	97	00	0	978	87	4	0	9	4	0	78	82
	Ormara	000	0	6	09	03	98	02	1	978	85	6	4	5	0	0	81	82
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	2	6	18	05	94	10	5	989	81	0	0	9	5	9	78	76
	Karachi (Air Port)	002	1	7	00	00	96	20	0	992	80	2	5	5	2	1	78	79
	Badin	000	6	6	23	02	94	03	2	002	84	6	0	9	6	0	81	80
	Nagarparkar	000	0	0	00	00	97	00	0	991	89	0	0	9	0	0	56	75
	Umarkot	000	0	4	18	03	98	00	0	986	82	3	0	9	2	2	78	80
	Hyderabad	000	0	3	20	05	97	03	0	990	83	3	5	6	0	0	75	81
Khairpur	Pad-i-dan	000	9	2	18	14	97	03	1	976	84	2	0	9	7	0	73	80
	Nawabshah	000	0	3	18	10	96	03	0	978	84	3	0	9	2	0	78	81
	Sukkur	000	9	6	20	05	96	03	2	974	84	0	0	9	0	3	78	81
	Kashmore	000	0	0	08	05	99	00	0	xxx	xx	0	0	9	0	0	77	75
	Jacobabad	000	0	3	18	03	96	03	0	975	85	0	0	9	0	2	74	82
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit	000	9	7	00	00	97	02	1	410	68	7	9	2	0	0	63	64
Rawalpindi	Murree	000	3	2	00	00	98	01	2	396	64	2	2	7	0	0	64	81
Peshawar	Drosh	000	0	3	00	00	98	02	0	430	82	3	5	6	0	0	73	77
	Cherat	000	9	7	00	00	97	03	2	407	81	7	4	6	0	0	69	77
	Kakul	000	0	1	00	00	99	01	0	396	88	1	0	9	3	0	67	xx
	Landi Kotal	000	0	0	36	01	99	00	0	794	74	0	0	9	0	0	63	xx
	Parachinar	000	0	0	00	00	99	00	0	389	90	0	0	9	0	0	71	80
D.I. Khan	Miranshah	000	0	0	00	00	98	00	0	403	82	0	0	9	0	0	65	74
	Wana	000	0	8	25	03	97	02	0	405	83	0	0	9	0	0	67	79
	Fort Sandeman	000	0	0	00	00	98	00	0	346	79	0	0	9	0	0	66	77
Quetta	Hindubagh	000	0	0	00	00	98	00	0	467	76	0	0	9	0	0	69	69
	Loralai	000	0	4	27	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Harnai	000	0	0	36	02	95	00	0	402	77	0	0	9	0	0	64	68
	Quetta	000	0	0	13	03	98	02	0	418	88	0	0	9	0	0	51	77
	Chaman	000	0	1	00	00	98	01	1	420	74	0	0	9	0	1	57	62
Kalat	Kalat	000	0	0	00	00	99	02	0	457	86	0	0	9	0	0	61	82
	Nushki	000	0	0	04	02	95	05	0	407	90	0	0	9	0	0	41	82
	Dalbandin	000	0	4	18	02	98	03	1	422	79	4	0	9	2	0	52	77
	Panjgur	000	0	0	27	03	99	00	0	465	78	0	0	9	0	0	66	64
Afghanistan	Kabul																	
	Kandahar																	

Departure from Normal of; Rainfall

Divisions (1)	Stations (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	+ 8	+ 2	56.5	+ 6.1	72.4	140
	Chittagong	+ 5	+ 1	44.9	+ 1.1	76.9	108
	Maijdee Court	+ 5	— 1	43.7	+ 10.9	75.6	115
	Comilla	+ 4	+ 3	22.8	— 4.8	50.3	96
	Brahmanbaria	—	—	23.0	+ 2.4	49.0	76
	Sylhet	—		74.5	—	122.5	—
	Srimangal	—	—	31.2	+ 4.1	65.1	98
Dacca	Mymensingh	+ 4	+ 1	26.6	— 0.3	48.7	95
	Narayanganj	+ 3	+ 3	22.4	+ 2.4	43.7	74
	Dacca (Tezgaon)	—	—	22.0	—	38.5	—
	Faridpur	+ 4	2	17.7	— 1.1	45.8	71
	Barisal	+ 5	+ 3	32.9	+ 8.9	47.8	89
Rajshahi	Khulna	+ 3	+ 7	26.3	+ 5.3	47.1	88
	Satkhira	+ 5	+ 3	20.3	8	38.3	65
	Jessore	—	—	12.9	— 6.0	28.8	65
	Sirajganj	+ 3	+ 3	15.2	— 3.8	40.2	64
	Bogra	+ 4	+ 4	15.7	— 4.4	34.8	69
	Dinajpur	+ 7	+ 6	17.6	— 5.8	35.0	72
	Rangpur	+ 5	+ 5	28.5	+ 0.2	49.4	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd)	+ 4	+ 6	2.9	— 1.9	6.7	19
	Sialkot	+ 6	+ 3	13.7	+ 5.5	19.4	32
Rawalpindi	Jhelum	—	—	4.1	—	19.4	—
	Rawalpindi	+ 3	+ 6	12.1	+ 5.7	25.1	38
	Khushab	+ 3	+ 3	7.4	+ 4.1	12.9	15
Multan	Lyallpur	+ 3	+ 3	1.4	— 1.5	4.1	12
	Montgomery	+ 2	+ 1	0	— 2.6	2.9	10
	Multan	— 2	0	2.1	+ 0.6	4.1	7
Bahawalpur	Leiah	—	—	0.5	—	2.4	8
	Khanpur	— 4	+ 1	0.2	— 1.3	1.1	6
	Bahawalpur	— 3	+ 1	0	— 1.4	1.0	6
	Fort Abbas	—					4
Peshawar	Chakdara	—	—	1.8	—	17.4	—
	Peshawar	+ 1	+ 6	2.1	+ 1.0	15.0	14
	Haripur		—	5.5	—	16.4	—
	Campbellpur	—		4.6	—	18.5	—
D. I. Khan	Bannu	—	—	6.6	—	13.4	11
	D. I. Khan	+ 2	— 1	7.6	+ 5.8	15.4	10
Quetta	Sibi	—	—	1.4	—	1.8	5
Kalat	Nokkundi	—	—	0	—	1.1	2
	Turbat	—	—	1.6	—	6.0	—
	Jiwani	—	—	0		5.4	4
	Pasni	+ 1	+ 4	0	— 0.5	2.6	6
	Ormara	—	—	0	— 0.3	1.9	6
	Las Bela						8
Karachi Federal Area & Hyderabad	Karachi (Manora)	0	— 5	5.7	+ 3.2	5.7	8
	Karachi (Air Port)	—	—	7.9	—	8.2	—
	Badin	— 5	— 2	1.3	— 1.2	1.3	9
	Nagarparkar	—	—	5.5	—	5.5	—
	Umarkot	—	—	2.8	—	4.1	—
	Hyderabad	— 4	0	2.4	+ 0.3	3.1	7
Khairpur	Pad-i-dan	—	—	3.5	—	3.8	—
	Nawabshah	—	—	1.9	—	2.8	—
	Sukkur	—	—	0.8	—	1.8	4
	Kashmore	—	—	0.2	—	1.2	—
	Jacobabad	— 10	— 3	3.6	+ 2.8	4.3	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						—
Arabia	Muscat						4
	Kuwait						—
	HILL STATIONS						
Kashmir	Srinagar						26
	Gulmarg						—
	Sonamarg						71
	Dras						26
	Leh						3
	Skardu						6
	Misgar						—
	Aliabad						
	Gilgit	0	+ 6	17.5	—	42.7	5
Rawalpindi	Murree	+ 5	+ 8	1.1	—	30.3	59
Peshawar	Drosh	+ 2	+ 6	4.4	— 0.7	14.5	18
	Cherat	—	—	15.0	—	33.8	29
	Kakul	—	—	2.5	—	17.5	—
	Landi Kotal	—	—	7.9	—	21.9	29
	Parachinar	—	—	1.4	— 0.4	4.4	13
D.I. Khan	Miranshah	—	—	0.2	—	9.2	—
	Wana	— 1	+ 4	1.6	— 0.2	10.3	11
	Fort Sandeman	—	—	1.0	—	9.1	—
Quetta	Hindubagh	—	—	3.9	—	8.7	14
	Loralai	—	—	1.7	— 0.3	6.1	8
	Harnai	—	—	2.6	— 2.3	8.2	7
	Quetta	+ 1	+ 1	0.1	— 0.1	6.2	9
	Chaman	— 6	0	0.7	+ 0.1	5.9	—
Kalat	Kalat	—	—	0.4	—	2.2	5
	Nushki	+ 1	+ 5	0	0	2.1	4
	Dalbandin	— 4	0	0.2	—	1.9	12
	Panjgur	—	—	0	—	0	—
Afghanistan	Kabul						
	Kandahar						

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 18th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O T_sT_s T_dT_d	$I_dd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Riyadhmaru	63 227	620 00	7 32 16	96 02 2	950 82	65 4 10	36 xx x	...	—	—
Circassia	63 227	641 00	6 08 30	98 03 1	946 80	48 6 70	19 30 1	...		
Dara	63 229	596 26	6 11 05	98 03 0	999 86	40 9 30	65 19 1	...	0 52 82	1 18 22
Caltex Delft	63 224	633 06	7 02 26	98 02 5	966 84	78 4 00	—	...	0 01 79	1 02 44
Circassia	63 220	632 06	8 27 36	98 63 6	960 80	87 5 xx	...	...		
Isomaria	63 266	531 06	5 30 06	98 02 1	991 91	50 5 70	26 40 0	...	0 02 84	1 00 xx
Alfred	63 154	530 06	1 20 24	97 44 2	030 82	10 7 88	16 21 3	...	0 08 84	1 20 33
Flying Cloud	63 186	583 06	7 22 06	97 02 4	000 87	73 5 57	15 00 0	...	0 09 78	1 22 26
Riadhmaru	63 240	647 12	8 31 36	96 02 2	945 82	87 4 xx	35 xx x	...		
Tora	63 264	546 12	0 36 03	97 02 0	960 99	00 9 00	64 50 5	...	0 08 84	1 07 22
Circassia	63 211	615 12	8 25 26	98 01 6	988 81	26 4 11		...		
Isomaria	63 264	545 12	0 18 06	98 02 0	958 95	00 9 00	26 72 0	...	0 02 81	1 18 21
Caltex Delft	63 232	615 12	7 29 05	97 02 2	961 81	57 4 40		...	0 01 79	1 29 21
Alfred	63 163	546 12	5 23 24	97 42 1	010 86	50 9 80	16 71 5	...	0 08 73	1 22 34
Flying Cloud	63 197	597 12	7 22 02	97 02 4	997 86	78 4 00	15 00 0	...	0 10 78	1 22 34
Circassia	63 201	604 18	8 23 18	98 03 2	999 78	87 5 6x	—		—	—

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT T$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	...	Misds	...	...	...	...	...	...	...	...	...	...	...
Jiwani														
Karachi	00 00	996 272 255	516 xxx xxx	...	390 170 999	...	027 938 999	303 052 999	756 570 999	468 692 999	960 788	204 985	...	...
Lahore	00 00	973 308 242	533 998 999	...	404 235 182	...	864 118 095	340 042 042	799 538 999		...	...	...	...
Multan														
Peshawar														
Quetta	00 00	823 000 100	Misds	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT T$_d$T$_d$T$_d$									Max. Height Reached PPPTTT T$_d$T$_d$T$_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong											...	...	
Dacca	00 00	...	Misds	...	...	...	...	...	...	...			
Jiwani													
Karachi	00 00		...	...	...	...	...	...	...	...	xxxxxxxxx	...	...
Lahore	00 00	440 585 999	...	...	...	...	...	...	...	...	440 585 999	...	...
Multan													
Peshawar													
Quetta	00 00	...	Misds	...	...	...	...	...	...	...	...	...	...

PPP—Pressure in hundreds tens and units of millibars.
TTT: TdTdTd: Dry Bulb: Dew Point temperatures (in tenths of oC)
St—Character of tropopause.

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

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra	11 05	11 07	11 05	10 07	08 08	09 09	12 08	11 17	10 19	16 07	16 07	14 06	13 09	...	...
Chaklala	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor	22 14	20 13	19 14	20 17	20 15	17 20	...	...	...	21 17	21 23	21 23	21 23	21 15	11 05
Chittagong	20 19	22 06	13 03	...	...	...	...	...	...	14 15	15 24	15 28	15 23	14 19	12 19
Cox's Bazar	No	Ascent	...	...	...	...	...	...	...	14 24	14 29	15 36	15 34		
Dacca	22 03	28 03	10 03	06 04	13 06	10 11	11 15	11 20	11 22	14 11	14 15	14 22	13 23	12 17	12 09
Dalbandin	...	...	08 10	04 04	05 06	07 12	09 13	09 13	01 13	...	...	11 03	07 05	09 07	01 01
D. I. Khan	...	...	...							...	...				
Drosh	...	...	...		22 21	25 13	27 24	27 34	27 38	...	...	...	24 01	21 03	23 08
Fort Sandeman	...	...	...	13 35	17 14	01 07	03 06	02 05	16 03	...	...	...	22 03	22 04	30 15
Jacobabad	18 08	19 06	14 03	24 03	33 08	05 05	10 10	11 11	...	19 17	21 20	21 15	35 07	31 06	03 12
Jessore	12 10	13 10	13 19							10 16					
Jhelum	23 08	21 11	10 10	20 06	13 01	02 07	34 09	32 08	29 08	11 04	24 07	23 10	20 06	15 07	08 04
Jiwani	15 10	14 06	07 02	03 11	04 24	05 22	05 21	11 19	10 26	10 11	09 12	06 08	01 08	32 09	...
Karachi	16 12	17 10	15 13	14 15	13 12	12 15	...		17 07	18 11	21 15				...
Khanpur	23 12	23 09	23 13	23 12	25 07	19 02	08 04	09 07	11 06	26 13	24 13	24 13	22 19	20 25	...
Lahore	26 10	23 10	22 10	21 09	24 07	33 08	35 07	34 09	34 06	21 08	24 18	24 20	24 11	22 04	...
Multan	21 15	21 16	21 17	20 11	19 06	20 05	09 09	08 08	06 06	22 25	23 20	24 13	32 12	01 04	05 04
Muscat	...	...	...	...	...	...	...	...	...	...	...				...
Panjgur	...	...	...	...	...	...	...	...	...	...	...			...	...
Peshawar	...	...	...	...	...	...	...	...	...		...	...	...	...	...
Quetta	No	Ascent	...	...	...	...	...	...	...	No	Ascent	...	...	...	
Sharjah							...	...	...						
Sylhet	33 04	34 06	05 06	08 08	15 09	13 07	...	...	...	35 04	34 08	23 07	22 07	16 09	17 08
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in Kms. a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	10 11	11 09									
Chaklala		14 06	12 07	18 04	21 02	33 05	29 17	27 29	...	...	...
Chhor	22 15	21 20	21 20	21 21	20 17	...	...	...	...	...	...
Chittagong	15 11	15 17	15 25	15 24	...	...		...	...	...	...
Cox's Bazar	15 16	15 23			...	...	...	...	...	...	...
Dacca	11 12	14 12	14 16	14 24	...	...	...	...	...	...	...
Dalbandin	...	...	08 05	04 05	01 09	35 10	10 11	08 12	10 11	13 12	12 16
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	27 02	33 04	35 05	02 06	01 05	01 08	37 07	36 04
Jacobabad	19 05	20 02	23 01	01 06	04 08	07 13	09 02	07 12	08 18	...	
Jessore	12 23	11 30	11 38								
Jhelum	12 06	13 08	14 09	18 05	34 01	35 07	34 12	34 10	31 08	30 18	29 21
Jiwani	12 05	10 03	20 05	36 13	02 17	01 19	09 19	07 12	...	...	
Karachi	17 04	18 06					...	...			
Khanpur	22 18	22 20	22 25	21 19	17 11	10 07					
Lahore	25 10	23 09	23 12	22 14	23 11	[illegible] 07	35 14	35 10	36 10	32 13	30 12
Multan	...	...	...	...	...	...	...	...	...	...	...
Muscat	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...									...	...
Peshawar	...	05 04	06 04	30 02	30 02	[illegible] 08	35 11	36 14	07 16	...	...
Quetta	No	Ascent	...	...	...	...	...	...	...	...	...
Sharjah											
Sylhet	22 01	29 03	36 05	14 07	13 11	14 12	14 08	35 08	16 07	17 10	17 11
Veraval	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Karachi	17 08	17 11	17 14	16 08	11 08	07 17	08 15	09 15	09 17	10 17	09 31	08 39	11 50	...	—	—	—	
Peshawar																		
Quetta																		

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

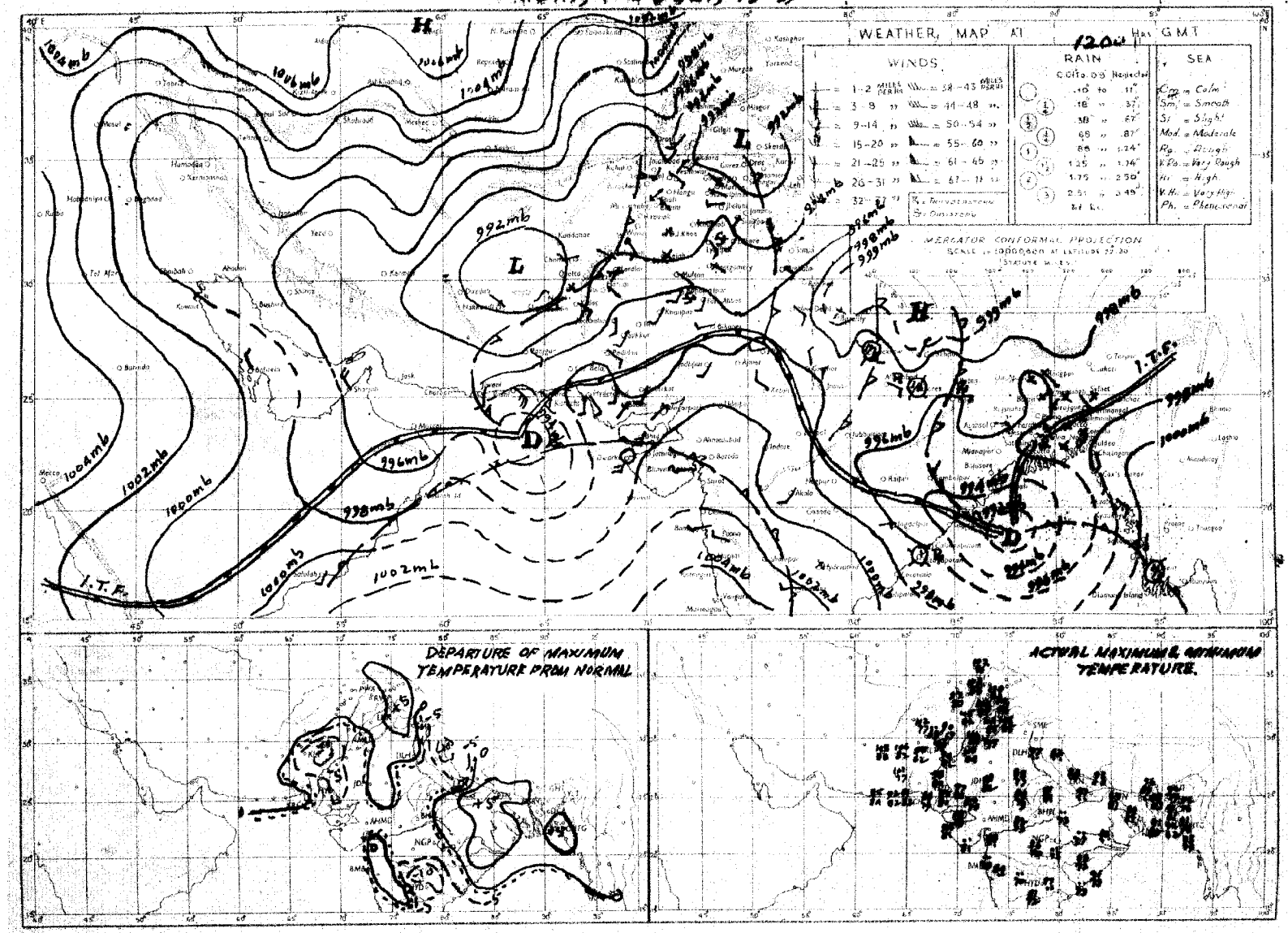
Cloud observation Data (GGiii Cddv,v,etc.)

04 571 32 815

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

PAKISTAN DAILY WEATHER MAP

FRIDAY, 17th JULY, 1959.



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

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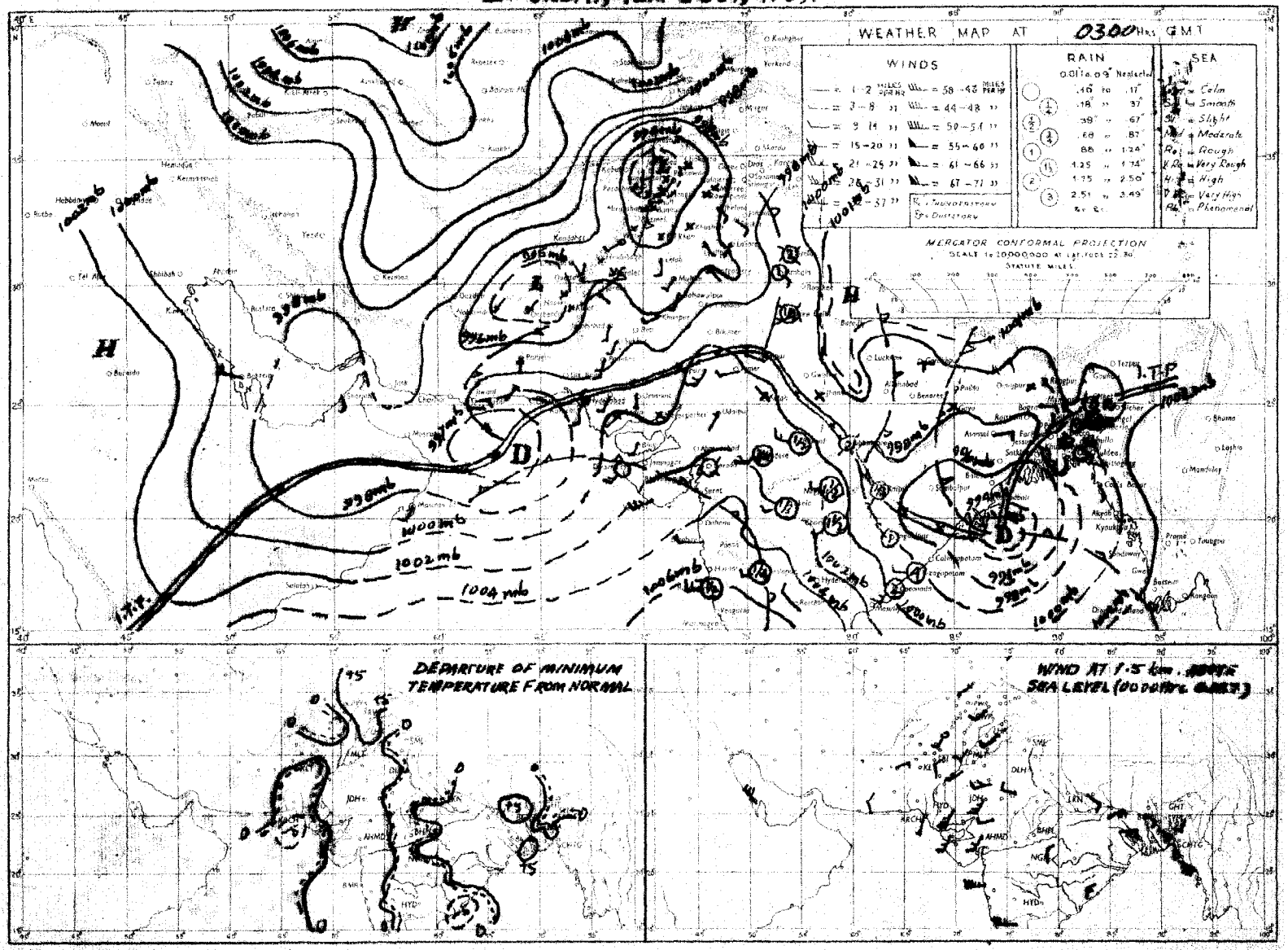
PAKISTAN DAILY WEATHER MAP

SATURDAY, 18th JULY, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

SUNDAY, THE 19th JULY, 1959.

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

Ship's observations are lacking but believe yesterday's depression in north Arabian Sea moved westward, crossed Arabian Coast, weakened and now lies as a shallow depression over Oman. It is likely to continue moving in the same direction and weakened further.

The low pressure wave over Peshawar division is moving away across Kashmir.

A fresh low pressure wave is moving across Afghanistan and adjoining areas.

Thunderstorms/showers have been scattered in Rawalpindi, Bahawalpur, Peshawar and Quetta divisions.

A few dust storms have also occurred in Multan, D. I. Khan and South Kalat divisions and drizzle in Federal Capital Area.

Observations from ships and Orrissa coast are absent but believe deep depression in Bay of Bengal remained practically stationary and is centered within one degree of latitude 19½ °N and longitude 87½ °E. It is likely to move in a north westerly direction. Under its influence rain fall has been local in East Pakistan.

Chief amounts of rainfall are; Maijdee Court, Barisal and Murree 3/4" each; Cox's Bazar, Sylhet, Khulna and Jessore ½" each and Satkhira, Dinajpur and Ft. Sandeman ½" each.

Day temperatures were 2—5 °F above normal in Peshawar, Lahore, D. I. Khan and Quetta divisions and 4—8 °F below normal in Hyderabad and Khairpur divisions and 2—4 °F so in Bahawalpur division.

Forecast valid until the evening of 20th July, 1959. Fairly widespread rain/thundershowers will occur in East Pakistan and local thunderstorms or showers in Rawalpindi division and Kashmir and scattered in D. I. Khan and Peshawar, Lahore and Multan divisions.

Heavy Rainfall Warning: Locally moderate to heavy rain will fall in East Pakistan during next 24 hours.

Karachi-11
The 19th July, 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	018	7	7	16	05	96	02	6	970	80	4	2	6	7	4	76	89
	Chittagong	009	4	7	13	09	97	02	6	960	83	6	4	4	2	0	77	90
	Maijdee Court	...		...				...	...			...	...		...	...	..	..
	Comilla	000	0	8	00	00	96	01	1	954	86	8	4	5	x	x	77	91
	Brahmanbaria	085	3	8	00	00	96	03	6	935	85	4	2	4	4	x	81	91
	Sylhet	000	0	7	31	05	97	02	2	951	87	3	4	5	7	0	78	91
	Srimangal	001	5	5	00	00	96	03	9	957	93	3	3	4	0	2	77	92
Dacca	Mymensingh	009	7	6	13	82	98	02	6	956	86	6	4	5	0	0	77	90
	Narayanganj	000	9	8	16	05	95	03	2	949	87	2	7	5	7	8	77	90
	Dacca (Tejgaon)	000	9	7	13	07	98	02	2	947	86	2	3	4	9	4	79	90
	Faridpur	000	8	8	16	07	96	01	2	979	83	5	4	7	0	0	80	89
	Barisal	017	2	8	00	00	97	03	6	946	82	6	0	6	4	2	79	88
Rajshahi	Khulna	032	2	8	13	05	95	02	6	942	84	8	5	5	x	x	80	89
	Satkhira	012	0	8	00	00	95	03	6	938	82	8	6	8	0	0	80	89
	Jessore	046	6	6	09	05	97	02	6	944	87	4	4	6	6	0	77	88
	Sirajganj	000	0	8	13	03	98	02	2	930	87	8	0	9	5	0	79	90
	Bogra	000	0	6	09	05	95	03	2	943	89	3	5	6	0	1	86	90
	Dinajpur	000	5	3	00	00	96	01	1	945	89	3	0	9	4	0	81	92
	Rangpur	015	1	6	36	02	96	21	2	xxx	86	6	5	6	0	0	81	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	2	27	03	95	05	0	917	01	2	2	7	0	6	73	01
	Sialkot	000	0	3	31	02	97	02	0	919	98	3	2	6	x	x	74	00
Rawalpindi	Jhelum	000	0	2	13	03	96	05	0	911	97	1	1	7	3	0	73	99
	Rawalpindi	000	0	3	27	02	99	01	1	906	91	3	2	8	0	0	76	98
	Khushab	000	0	0	09	02	96	00	0	918	02	0	0	9	0	0	67	04
Multan	Lyallpur	000	0	0	16	03	94	05	3	917	01	0	0	9	0	0	69	03
	Montgomery	000	0	0	00	04	96	00	0	930	01	0	0	9	0	0	67	01
	Multan	000	0	0	27	03	97	05	0	906	98	0	0	9	0	0	75	99
Bahawalpur	Leiah	000	0	1	18	10	96	05	0	087	01	0	0	9	0	1	69	10
	Khanpur	000	0	0	25	07	95	05	0	917	02	0	0	9	0	0	82	03
	Bahawalpur	000	0	0	20	13	96	08	3	939	02	0	0	9	0	0	69	03
	Fort Abbas	000	0	0	23	07	98	00	0	952	02	0	0	9	0	0	75	03
Peshawar	Chakdara	000	0	2	23	03	99	01	1	878	96	2	1	7	0	0	79	98
	Peshawar	000	0	2	09	05	96	05	0	877	06	2	2	6	0	0	74	06
	Haripur	000	3	3	23	02	97	02	1	909	97	3	5	6	0	0	93	98
	Campbellpur	000	0	0	13	08	98	00	0	932	03	0	0	9	0	0	82	03
D. I. Khan	Bannu	000	0	3	18	03	99	03	0	890	02	0	0	9	0	3	76	04
	D. I. Khan	000	2	3	00	00	98	01	1	903	04	0	0	9	0	3	87	05
Quetta	Sibi	000	0	0	23	02	99	00	0	916	03	0	C	9	0	0	74	04
Kalat	Nokkundi	000	9	4	31	09	97	01	1	997	08	0	0	9	3	1	xx	10
	Turbat	000	0	3	23	02	96	00	0	913	87	0	0	9	6	0	78	10
	Jiwani	000	0	6	23	10	96	03	1	959	90	2	5	5	3	0	78	91
	Pasni	000	0	4	16	16	97	00	0	949	81	4	5	7	0	0	81	93
	Ormara	0C0	0	5	13	05	98	02	1	944	90	5	2	6	0	0	76	94
	Las Bela	000	0	4	00	00	98	30	3	923	93	2	4	8	8	4	78	01
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	18	14	97	03	2	953	84	0	0	9	4	9	78	86
	Karachi (Air Port)	000	0	7	13	08	96	02	2	957	87	5	5	5	3	0	76	88
	Badin	000	0	6	23	03	97	03	2	993	90	0	0	9	6	0	76	92
	Nagarparkar	000	0	0	00	00	98	00	0	956	97	0	0	9	0	0	65	99
	Umarkot	000	0	7	23	10	98	00	0	946	95	7	2	6	0	0	77	97
	Hyderabad	000	0	5	20	09	97	03	1	954	91	2	5	6	0	8	75	95
Khairpur	Pad-i-dan	000	8	6	16	14	97	03	1	934	96	4	0	9	7	1	69	97
	Nawabshah	000	0	7	18	12	96	02	2	951	93	4	2	6	3	0	77	94
	Sukkur	000	0	6	20	05	96	03	2	926	97	6	0	9	0	8	76	99
	Kashmore	000	0	0	18	12	99	00	0	xxx	08	0	0	9	0	8	86	97
	Jacobabad	000	0	3	30	05	96	03	0	923	99	0	0	9	0	2	69	00
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	2	7	13	02	97	02	6	382	71	7	9	3	0	0	67	76
Peshawar	Drosh	000	0	3	23	10	98	03	0	334	97	3	2	7	0	0	57	02
	Cherat	000	0	1	11	05	97	05	0	360	91	1	2	6	0	0	78	92
	Kakul	000	5	6	23	07	96	05	2	399	85	6	8	5	0	8	71	89
	Landi Kotal	000	0	1	13	03	99	03	0	368	95	1	2	7	0	0	73	97
	Parachinar	000	0	4	13	02	99	00	0	794	85	0	0	9	1	0	66	xx
D. I. Khan	Miranshah	000	0	6	05	02	99	03	0	346	97	6	2	7	0	0	69	99
	Wana	000	5	4	09	05	98	10	3	372	91	4	2	8	0	0	64	96
	Fort Sandeman	000	0	6	16	09	97	03	0	405	99	6	5	6	0	0	61	04
Quetta	Hindubagh	000	0	0	31	04	96	00	0	337	98	0	0	9	0	0	64	98
	Loralai	000	0	2	13	02	98	02	1	494	89	0	0	9	0	3	65	90
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	00	00	96	00	0	377	94	0	0	9	0	0	60	95
	Chaman	000	0	0	27	02	98	00	0	377	03	0	0	9	0	0	56	04
Kalat	Kalat	000	0	1	34	09	97	01	1	371	87	0	0	9	0	1	52	89
	Nushki	000	0	0	27	02	99	02	0	422	08	0	0	9	0	0	55	10
	Dalbandin	000	5	4	18	03	96	03	0	384	07	1	1	7	4	0	33	10
	Panjgur	000	0	6	31	05	98	03	1	403	01	0	0	9	5	0	37	04
Afghanistan	Kabul																	
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	050	9	7	16	05	97	02	6	975	81	4	2	6	7	4	80	79
Chittagong	009	0	6	11	09	97	02	5	976	83	4	4	6	2	0	76	78
Maijdee Court	080	7	6	09	19	97	03	6	967	83	4	4	7	2	0	xx	79
Comilla	000	0	8	00	00	96	02	2	964	84	8	4	5	x	x	75	79
Brahmanbaria	005	0	8	09	03	97	03	5	970	87	4	0	9	4	4	75	80
Sylhet	047	9	7	09	05	97	01	9	977	83	3	8	6	3	0	79	79
Srimangal	011	8	6	00	00	96	02	9	981	84	2	4	6	3	1	78	77
Mymensingh	009	0	6	13	05	98	02	2	977	85	6	4	5	0	0	76	79
Narayanganj	005	9	8	07	09	95	03	5	959	84	8	7	3	x	x	78	80
Dacca (Tejgaon)	005	9	8	13	07	97	02	6	960	84	8	7	3	x	x	79	80
Faridpur	014	9	8	16	03	96	50	0	959	82	8	7	6	0	0	79	78
Barisal	078	4	6	18	02	97	03	6	953	80	4	7	5	6	0	79	80
Khulna	044	9	8	13	03	95	03	6	947	81	8	5	5	x	x	80	81
Satkhira	021	2	8	00	00	95	02	6	939	82	x	x	7	x	x	81	81
Jessore	066	9	8	05	05	96	03	6	944	82	8	7	5	x	x	81	80
Sirajganj	000	0	8	09	03	98	02	2	950	83	8	4	5	x	x	77	81
Bogra	000	2	7	13	05	96	03	5	959	85	5	4	5	2	0	81	80
Dinajpur	022	3	6	00	00	96	02	6	973	87	6	0	9	2	0	80	80
Rangpur	015	0	7	09	05	96	01	6	000	84	7	5	6	0	0	78	80
Jammu																	
Lahore (Jail Rd.)	000	0	0	00	C0	95	05	0	932	90	0	0	9	0	0	79	85
Sialkot	C00	3	7	05	03	97	02	1	935	82	7	5	6	x	x	75	80
Jhelum	000	8	8	13	05	95	05	2	937	84	3	7	7	2	0	71	83
Rawalpindi	000	0	8	09	02	98	02	0	922	83	8	7	7	0	0	77	82
Khushab	000	0	0	00	00	96	05	4	926	92	0	0	9	0	0	74	84
Lyallpur	000	0	0	20	02	96	00	3	916	87	0	0	9	0	0	71	86
Montgomery	000	0	0	13	02	96	00	0	925	88	0	0	9	0	0	73	85
Multan	000	0	5	23	19	96	07	1	913	88	1	1	6	.	3	78	86
Leiah	000	0	0	18	05	97	05	0	xxx	87	0	0	9	0	0	xx	81
Khanpur	. 00	0	5	25	07	96	93	0	928	87	0	0	9	1	4	81	84
Bahawalpur	000	0	5	20	07	97	03	0	927	89	0	0	8	4	0	74	86
Fort Abbas	000	0	2	23	03	98	00	0	963	89	0	0	9	0	0	79	86
Chakdara	000	0	8	00	C0	99	02	2	9 5	83	0	0	8	6	x	75	77
Peshawar	000	0	1	21	05	96	06	0	912	89	1	1	6	0	0	76	86
Haripur	000	5	4	09	02	96	03	2	*906	84	4	1	6	0	0	83	77
Campbellpur	000	0	6	18	07	98	03	1	003	81	0	0	9	5	0	75	56
Bannu	000	0	0	16	01	99	C0	0	897	91	0	0	9	0	0	55	86
D. I. Khan	000	0	0	00	00	98	00	0	908	91	0	0	9	0	0	82	84
Sibi	000	0	0	13	02	99	00	0	926	88	0	0	9	0	0	75	79
Nokkundi	000	9	3	34	19	95	05	0	932	88	0	0	9	0	9	45	83
Turbat	000	0	6	27	02	95	03	3	958	88	0	0	9	6	0	80	xx
Jiwani	000	0	4	23	03	96	02	0	953	86	3	5	4	5	0	79	84
Pasni	000	0	7	23	09	97	0	0	947	87	7	5	7	0	0	81	84
Ormara	000	0	4	23	03	98	02	1	942	88	4	4	7	0	0	80	83
Las Bela	000	0	3	00	00	98	30	3	942	84	2	0	8	4	6	74	79
Karachi (Manora)	000	0	6	25	09	96	03	2	943	82	5	0	9	5	4	76	78
Karachi (Air Port)	000	0	8	25	07	96	02	5	944	81	8	6	5	x	x	78	79
Badin	000	9	8	23	02	96	25	8	959	83	0	0	7	8	0	80	80
Nagarparkar	000	0	8	00	00	96	02	4	987	82	0	0	7	9	6	67	72
Umarkot	000	0	8	20	09	98	00	0	942	83	8	5	6	0	0	78	80
Hyderabad	000	0	7	20	05	97	01	2	937	83	4	6	5	2	0	77	80
Pad-i-dan	000	9	5	16	07	98	01	1	929	83	1	1	6	3	1	77	81
Nawabshah	000	0	7	18	10	96	03	1	936	83	4	6	5	3	0	77	81
Sukkur	000	9	2	20	02	96	03	1	928	85	0	0	9	0	3	78	81
Kashmore	000	0	0	18	09	99	00	0	xxx	94	0	0	9	0	0	78	87
Jacobabad	000	0	3	13	03	96	03	0	928	85	1	1	7	0	2	76	83
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	076	2	8	31	02	96	03	6	385	65	8	9	2	x	x	64	62
Drosh	000	0	2	00	00	98	01	0	365	87	2	2	7	0	0	63	79
Cherat	000	0	4	18	01	97	03	2	367	77	1	2	9	1	0	73	73
Kakul	007	9	7	09	02	96	20	9	379	76	7	3	5	0	0	72	72
Landi Kotal	000	0	1	05	02	97	02	0	362	82	1	2	7	0	0	72	xx
Parachinar	000	0	0	13	02	99	00	0	795	73	0	0	9	0	0	60	xx
Miranshah	000	0	0	00	00	99	00	0	368	86	0	0	9	0	0	72	82
Wana	000	0	0	00	00	97	00	0	362	83	0	0	9	0	0	67	76
Fort Sandeman	027	8	3	00	00	97	01	6	405	81	3	0	9	0	4	67	75
Hindubagh	000	0	0	23	01	98	00	0	343	83	0	0	9	0	0	67	77
Loralai	000	0	3	00	00	98	02	1	492	76	0	0	9	0	3	70	68
Harnai	000	0	0	27	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	000	0	0	00	00	95	00	0	404	78	0	0	9	0	0	58	68
Chaman	000	0	8	18	02	98	02	0	386	84	0	0	9	0	0	52	76
Kalat	000	0	1	00	00	97	02	1	392	78	0	0	9	0	1	48	62
Nushki	000	0	0	31	02	99	02	0	427	86	0	0	9	0	0	49	84
Dalbandin	000	9	1	23	05	96	01	0	380	85	0	0	9	0	1	33	80
Panjgur	000	0	2	23	02	98	03	1	412	82	0	0	9	2	0	58	77
Kabul																	
Kandahar																	

Departure from Normal of / Rainfall

Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1959 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January 1959 to date (41)	Annual normal
Cox's Bazar	+ 4	+ 2	57.0	+ 5.6	72.9	140
Chittagong	+ 4	+ 1	45.0	+10.6	77.0	108
Maijdee Court		— 2	44.5	+17.3	76.4	115
Comilla	+ 3	+ 2	22.8	— 4.6	50.3	94
Brahmanbaria	—	—	23.1	+ 2.2	49.1	76
Sylhet	—		75.0	—	122.0	—
Srimangal	—	—	31.3	+ 3.8	45.2	98
Mymensingh	+ 2	+ 1	26.7	— 0.7	40.8	91
Narayanganj	+ 2	+ 1	22.5	+ 2.1	43.8	74
Dacca (Tejgaon)	—	—	22.0	—	30.5	—
Faridpur	+ 1	0	17.8	— 2.3	46.0	91
Barisal	+ 1	+ 1	33.7	+ 9.0	40.6	81
Khulna	+ 1	+ 3	26.7	+ 4.3	47.4	40
Satkhira	0	+ 3	20.5	— 0.2	38.5	65
Jessore	—	—	13.5	— 5.7	29.5	65
Sirajganj	+ 2	+ 2	15.2	— 4.1	40.2	64
Bogra	+ 1	+ 1	15.7	— 4.7	34.8	69
Dinajpur	+ 3	+ 1	17.8	— 5.9	35.2	72
Rangpur	+ 1	+ 2	28.6	— 0.1	49.5	84
Jammu						—
Lahore (Jail Rd.)	+ 1	+ 6	2.9	— 2.0	4.7	19
Sialkot	+ 3	0	13.7	+ 5.3	19.6	32
Jhelum	—	—	4.1	—	19.4	—
Rawalpindi	+ 1	+ 5	12.1	+ 5.4	25.1	36
Khushab	+ 2	+ 3	7.4	+ 3.9	12.9	15
Lyallpur	+ 2	+ 4	1.4	— 1.6	4.1	12
Montgomery	— 2	+ 1	0	— 2.7	2.3	10
Multan	— 3	+ 1	2.1	+ 0.5	4.1	7
Leiah	—	—	0.5	—	2.4	8
Khanpur	— 4	+ 1	0.2	— 1.3	1.0	8
Bahawalpur	— 2	+ 2	0	— 1.3	1.0	6
Fort Abbas	—	—	0	—	0.5	4
Chakdara	—	—	1.8	—	17.4	—
Peshawar	+ 4	+ 6	2.1	+ 1.0	15.0	14
Haripur	—	—	5.5	—	16.4	—
Campbellpur	—	—	4.6	—	18.5	—
Bannu	—	—	6.6	—	13.5	11
D. I. Khan	+ 2	+ 1	7.6	+ 5.7	11.4	10
Sibi	—	—	1.4	—	1.7	5
Nokkundi	—	—	0	—	1.1	2
Turbat	—	—	4.6	—	6.0	—
Jiwani	—	—	0	—	5.6	4
Pasni	+ 2	+ 6	0	— 0.5	2.5	6
Ormara	—	—	0	— 0.4	1.9	6
Las Bela	—	—	0.1	—	0.3	8
Karachi (Manora)	— 2	— 3	5.7	+ 3.1	5.7	8
Karachi (Air Port)	—	—	7.9	—	8.2	—
Badin	— 5	— 2	1.3	— 1.3	4.3	9
Nagarparkar	—	—	5.5	—	3.5	—
Umarkot	—	—	2.8	—	4.1	—
Hyderabad	— 4	— 1	2.4	+ 0.2	3.1	7
Pad-i-dan	—	—	3.5	—	3.8	—
Nawabshah	—	—	1.9	—	2.4	—
Sukkur	—	—	0.8	—	1.8	4
Kashmore	—	—	0.2	—	1.2	—
Jacobabad	— 8	— 2	3.6	+ 2.8	4.3	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
HILL STATIONS						
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						26
Leh						3
Skardu						6
Misgar						—
Aliabad						
Gilgit						5
Murree	+ 3	+ 4	18.2	—	43.4	59
Drosh	+ 5	+ 6	1.1	—	30.3	18
Cherat	+ 3	+ 2	4.4	+ 0.6	14.4	29
Kakul	—	—	15.0	—	33.8	—
Landi Kotal	—	—	2.5	—	17.5	—
Parachinar	—	—	7.9	—	21.9	29
Miranshah	—	—	1.4	— 0.4	4.4	13
Wana	—	—	0.2	—	9.2	—
Fort Sandeman	+ 4	0	1.9	— 0.0	10.6	11
Hindubagh	—	—	1.0	—	9.1	—
Loralai	—	—	3.9	—	8.7	—
Harnai	—	—	1.7	— 0.4	6.1	14
Quetta	—	—	2.6	+ 2.3	8.2	8
Chaman	+ 3	0	0.1	+ 0.1	6.2	7
Kalat	— 2	0	0.7	+ 0.1	5.9	9
Nushki	—	—	0.4	—	2.2	—
Dalbandin	0	+ 3	0	0	2.1	5
Panjgur	— 1	0	0.2	—	1.9	4
Kabul						12
Kandahar						—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY, THE 19th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch h_s	O $T_sT_sT_dT_d$	$I_dI_dd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
[illegible]	73 192	582 00	8 20 35	98 02 2	978 70	57 4 3xx	—	...	...	—
[illegible]	73 193	672 00	8 31 23	96 02 2	000 81	87 4 xx	35 xx x	...		
[illegible]	73 123	748 00	8 25 22	97 18 2	068 75	86 3 xx	75 40 0	...	0 36 72	1 25 23
Glocent	73 066	540 00	4 22 23	98 02 0	108 77	41 5 00	44 40 0	...	0 53 72	1 22 xx
[illegible]	73 253	577 06	3 15 09	98 03 0	991 90	31 4 00	36 41 0	...	0 01 81	1 13 21
Isonaria	73 243	585 06	1 13 14	98 02 0	987 90	00 9 08	36 20 5	...	0 54 81	1 13 21
Alfred Fraissent	73 195	585 06	8 20 20	96 02 2	002 77	80 6 7x	16 20 2	...	0 05 70	1 20 23
[illegible]	73 183	693 06	8 25 20	77 02 2	038 81	65 4 1x	36 xx x	...	—	—
Circassia	73 189	588 06	2 22 18	98 01 2	005 79	40 9 75		...		
Flying Cloud	73 234	627 06	9 29 06	98 02 2	886 86	9x 0 xx	15 00 0	...	0 52 71	1 23 22
Tobruk	73 223	634 07	8 32 24	96 50 5	010 86	88 5 xx	24 40 0	...		
Alfred Fraissent	73 202	589 09	7 20 18	94 44 2	990 77	70 6 70	16 71 2	...	0 06 72	1 20 23
Isonaria	73 231	595 12	4 13 14	98 02 0	940 88	32 4 03	36 71 2	...	0 54 81	1 11 22
[illegible]	73 244	594 12	2 17 09	98 02 0	961 88	21 4 00	35 71 5	...	0 00 81	1 27 21
Alfred Fraissent	73 209	593 12	7 20 18	96 44 2	967 81	71 4 00	16 72 1	...	0 06 72	1 20 23
Circassia	73 178	576 12	4 23 28	98 02 1	994 78	44 6 00		...		
Alfred Fraissent	73 217	597 15	6 21 18	96 41 2	964 79	27 5 42	16 30 5	...	0 05 75	1 20 23
Alfred Fraissent	73 223	600 18	2 19 16	97 01 0	967 77	20 5 40	16 20 3	...	0 52 75	1 19 23
Isonaria	73 219	606 18	4 20 16	98 02 0	977 79	00 9 09	36 21 4	...	0 54 77	1 20 21
[illegible]	73 235	601 18	3 20 13	98 02 0	950 84	30 8 50	36 30 2	...	0 50 77	1 20 20

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T^{d}T$_d$	1000 mb HHHTTT T^{d}T^{d}T^d	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	...	Misda	...	...	...	..	...	...	..	...	...	...	..
Jiwani ...														
Karachi ...	00 00	991 285 265	...	...	390 242 999	...	058 145 999	342 072 999	011 535 999	551 622 999	960 760	241 195	425 125	669 288
Lahore ...	00 00	969 292 252	...	...	373 232 205	...	049 138 132	323 032 999	...	...	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...	00 00	021 212 012	Misda	..	...	...	...	...	...	...	...	...	...	—

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT T^{d}T^{d}T^d								Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	..	Misda	...	...	..	...	..	...	...	...	...	—
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	—	..	...	...	100 288 999	...	—
Lahore ...	00 00	...	...	...	...	..	...	...	...	...	600 032 999	—	—
Multan ...													
Peshawar ...													
Quetta ...	00 00	...	Misda	...	...	...	...	...	...	...	...	..	...

PPP—Pressure in hundreds tens and units of millibars.
TTTT TdTdTd:Dry Bulb:Dew Point temperatures (in tenths of oC)
St— Character of tropopause.

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	11 12	11 11	12 10	13 21	13 16	12 13	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...
Chilas ...	21 12	21 15	22 12	...	...	...	...		...
Chittagong ...	16 18	16 33	16 37	...	...	...	..	...	...
Cox's Bazar ...	15 25	18 33	17 30	17 31	...		...	...	...
Dacca ...	13 16	14 19	14 21	15 29	14 23	15 18	13 17	12 21	12 19
Dalbandin ...	—	—	13 01	23 05	17 03	02 09	11 07	12 06	...
D. I. Khan ...	—	—	—	...	...	...	...	...	...
Drosh ...	...	—	—	...	21 17	20 12	25 29	...	...
Fort Sandeman ...	...	...	...	19 07	23 07	30 09	...	...	...
Jacobabad ...	19 05	20 03	21 02	02 02	03 10	05 12	01 07	05 12	07 15
Jessore ...	21 18	11 25	12 24	...	...	...	...	...	...
Jhelum ...	12 08	14 07	15 09	19 07	35 05	35 10	31 16	32 16	32 16
Jiwani ...	21 12	24 09	26 09	04 22	04 18	04 19	04 18	04 15	...
Karachi ...	17 14	16 12	16 15	...	...		...		
Khanpur ...	21 14	23 13	24 17	23 21	23 19		...	...	...
Lahore ...	24 08	23 07	21 06	19 06	20 08	30 10	36 16	34 19	34 19
Multan ...	21 20	20 19	20 19	18 09	22 03	35 06	35 15	36 18	01 29
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	..	...	...
Peshawar ...	...	...	...	...	...	..	...	...	..
Quetta ...	No	Ascent	...	..	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	27 07	21 05	22 06	25 08	16 10	..	...	...	.
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	11 13	–	...	...	...	...
Chaklala ...	...	...	...	...	...	...
Chilas ...	21 19	21 25	21 27	21 21	22 14	09 04
Chittagong ...	15 25	16 38	...	...	...	...
Cox's Bazar ...	19 20	19 26	20 28	...	...	
Dacca ...	12 15	13 19				
Dalbandin ...	...	—	30 03	xx xx	35 13	32 07
D. I. Khan ...	...	...	—			
Drosh ...	...	...	...	23 04	20 05	24 03
Fort Sandeman ...	...	...	...	28 01	22 08	32 20
Jacobabad ...	18 07	22 10	23 04	30 06	30 10	35 19
Jessore ...	No	Ascent				
Jhelum ...	11 08	12 20	15 20	19 13	...	...
Jiwani ...	23 10	24 09	25 08	29 15	33 17	01 13
Karachi ...	25 02	25 03				
Khanpur ...	24 12	23 17	22 18	20 21	20 29	19 45
Lahore ...	22 06	25 10	25 10	26 06	27 02	32 06
Multan ...	21 37	22 27	23 15	23 07	27 03	34 06
Muscat ...	...	...		...	..	...
Panjgur ...	...	...		...	...	...
Peshawar ...	...	...	...	...	...	...
Quetta ...	No	Ascent	..	...	...	...
Sharjah ...				...	...	...
Sylhet ...	15 03	17 10	17 17	17 10	...	...
Veraval ...	...	...		...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	12 26	12 23	12 24	...	..	...	...	...	...	...	...
Chaklala ...	...	08 12	15 08	18 08	...	...	...	...	...	...	...
Chilas ...	18 17	18 25	19 29	...	...	...	...	...	...	...	...
Chittagong ...	16 17	16 22	16 25	17 28	17 31	...	...	...	...	...	..
Cox's Bazar ...	18 24	18 26	18 25	17 23	17 25	...	...	...	...	...	...
Dacca ...	13 20	13 14	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	05 01	30 04	30 05	27 07	25 10	19 12	18 08	10 05	09 06
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	25 06	21 03	21 06	28 12	...	...	...
Fort Sandeman ...	...	...	...	30 01	32 07	33 11	34 10	33 08	32 13	28 06	38 13
Jacobabad ...	17 04	20 03	25 04	28 05	...	...	...	...	...	...	...
Jessore ...	15 10						...	...	...	...	
Jhelum ...	12 05	12 09	13 12	29 03	28 07	30 06	...	...	...	...	...
Jiwani ...	15 04	18 01	10 04	05 07	...	...	...	...	...	...	
Karachi ...	28 12	29 17	29 20	...	...	...	...	...	...	...	...
Khanpur ...	22 27	21 28	21 28	23 22	26 18	25 29	...	...	...	...	...
Lahore ...	27 04	26 04	25 07	23 09	30 06	24 08	[illegible] 07	01 07	...	...	...
Multan ...	20 15	20 15	20 10	22 03	07 01	31 06	30 08	02 13	[illegible] 07	07 08	01 12
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	No	Ascent	...	...	...	...	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	06 02	10 05	14 10	17 20	18 15	...	...	...	...	...	...
Veraval ...	..	...	..	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Misda																	
Karachi ...	25 04	27 04	30 04	30 08	01 18	03 17	04 19	05 16	06 15	09 17	09 20	09 28	09 37	10 42	18 47	09 50	07 31	...
Peshawar ...																		
Quetta ...																		

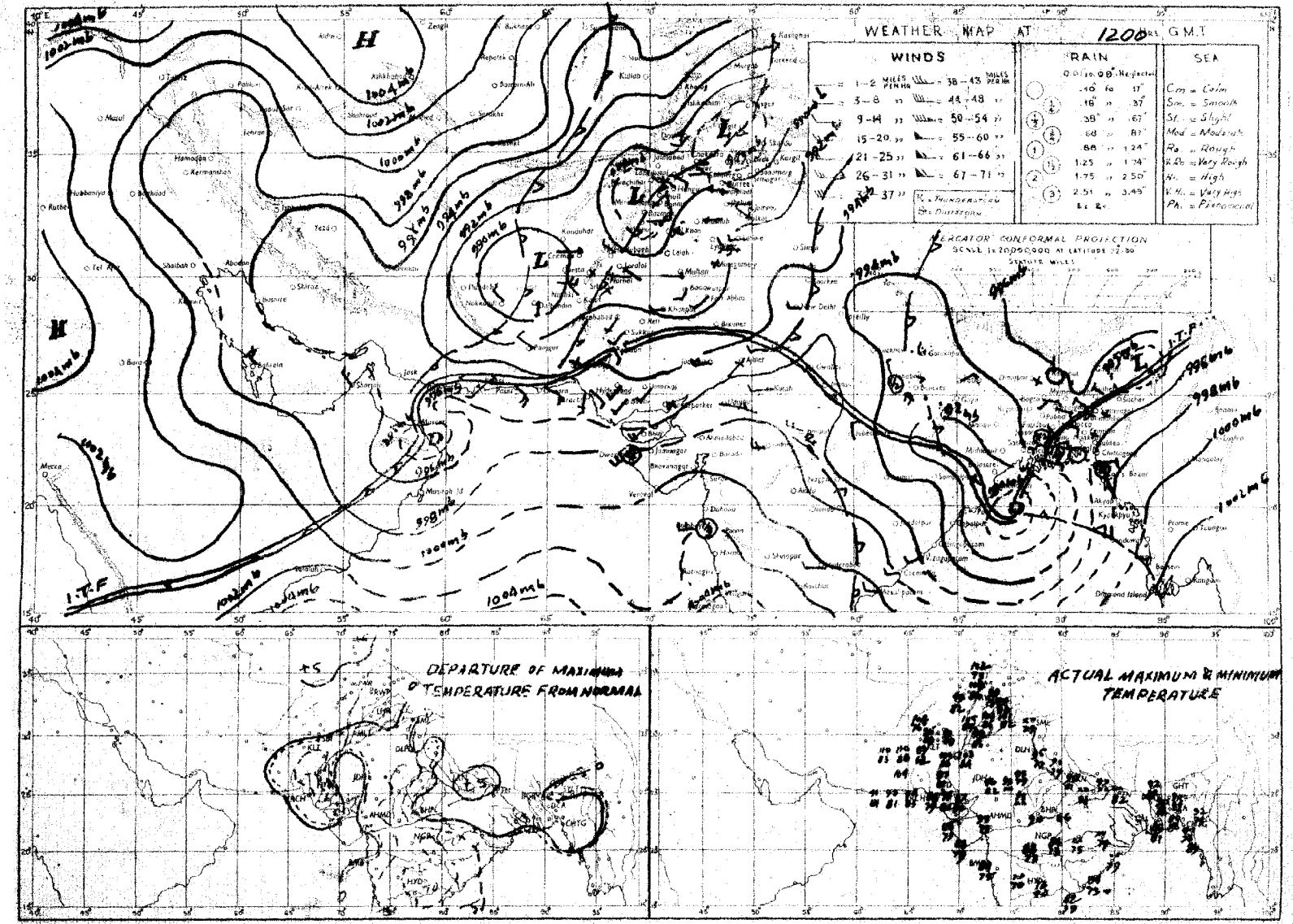
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted

Cloud observation Data (GGIii Cddv,v,etc.)

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

PAKISTAN DAILY WEATHER MAP

SATURDAY 18th JULY, 1959



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

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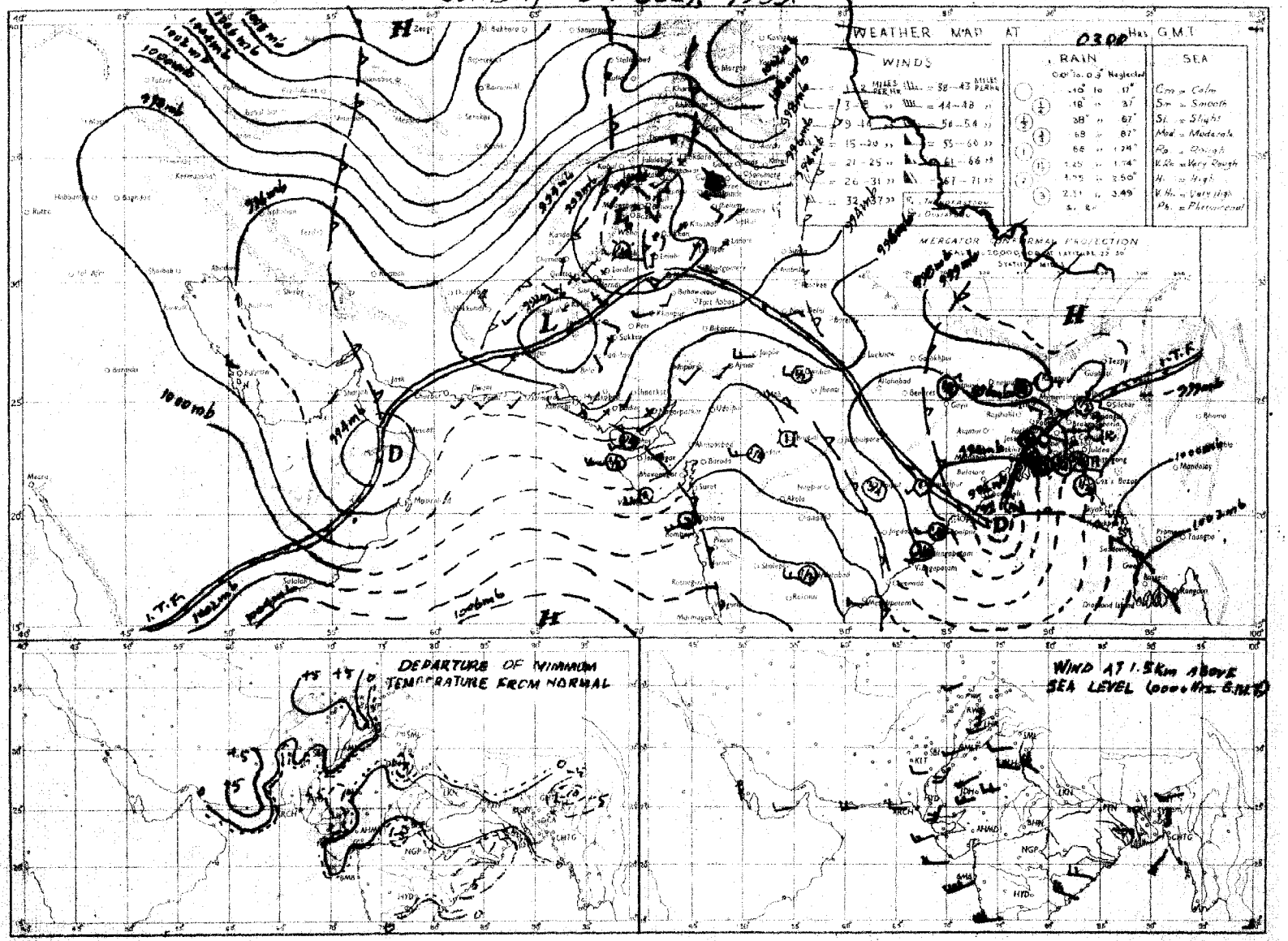
PAKISTAN DAILY WEATHER MAP

SUNDAY 19th JULY, 1959.



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

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Volume No. 13

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 20th JULY, 1959.

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

Yesterday's deep depression in north Bay of Bengal crossed coast near Balasore last night weakened and lies as a depression centered at 20,0300 G. M. T. about 30 miles northwest of Balasore. It is likely to move in a northwesterly direction.

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

Yesterday's low pressure wave is now moving across Peshawar division and neighbourhood. It has caused fairly widespread thunderstorms/showers in Rawalpindi division, local in D. I. Khan and Peshawar divisions and scattered in Bahawalpur division.

Seasonal low lies well-marked over Khairpur division and adjoining areas and has caused scattered rain in Hyderabad division.

Chief amounts of rainfall are: Maijdee Court and Jhelum 2" each, Barisal, Rawalpindi and Campbellpur 1½" each, Brahmanbaria, Haripur and Kakul 1" each, Sylhet, Dacca, Dinajpur, Murree, D. I. Khan and Nagarparkar ½" each and Cox's Bazar, Srimangal, Narayanganj, Faridpur, Jessore and Sirajganj ¼" each.

Day temperatures were 4—5 °F below normal in Khairpur division.

Forecast valid until the evening of 21st July, 1959. Rain/thundershowers will be Fairly widespread in East Pakistan. thunderstorms/showers will be local in Peshawar and Rawalpindi divisions and Kashmir and scattered in D I. Khan Lahore, Multan, Bahawalpur and Hyderabad divisions.

Heavy Rainfall Warning: Locally moderate to heavy rain will fall in East Pakistan during next 24 hours.

Karachi-11
The 20th July, 1959.

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

OBSERVATIONS

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

Division (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)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	6	5	16	05	96	02	6	965	83	3	2	6	5	2	77	87
	Chittagong	000	9	7	13	09	97	02	6	959	84	3	2	6	2	2	77	87
	Maijdee Court	020	9	8	13	09	95	02	6	955	82	4	4	5	4	2	79	87
	Comilla	006	4	8	18	09	96	03	6	951	86	8	4	5	x	4	77	89
	Brahmanbaria	090	2	8	18	02	96	03	6	950	82	x	x	x	x	x	80	89
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Srimangal	024	4	8	00	00	96	17	9	964	82	7	3	4	4	1	80	90
Dacca	Mymensingh	000	0	8	13	02	98	02	2	953	84	8	4	4	x	4	80	90
	Narayanganj	034	4	8	13	03	95	03	6	944	85	2	7	3	2	8	79	87
	Dacca (Tezgaon)	040	5	7	13	07	97	21	6	939	85	7	3	4	0	1	80	87
	Faridpur	029	2	6	16	03	96	02	6	934	82	4	4	7	1	0	79	86
	Barisal	020	4	6	18	03	97	03	6	941	85	0	0	5	4	0	78	88
Rajshahi	Khulna	000	0	8	13	03	96	03	2	935	84	8	5	5	x	x	81	90
	Satkhira	000	0	8	00	00	95	03	2	xxx	86	8	6	8	0	0	70	92
	Jessore	000	0	6	18	02	96	02	2	931	85	4	4	5	6	0	81	89
	Sirajganj	000	0	8	13	02	98	02	2	923	84	8	0	9	5	6	78	88
	Bogra	003	1	7	13	03	96	29	9	959	83	3	6	4	1	0	79	88
	Dinajpur	000	8	5	09	02	96	01	1	937	87	3	5	7	1	0	79	92
	Rangpur	004	9	6	13	02	96	01	5	xxx	88	6	4	6	x	x	77	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	8	5	13	02	95	05	1	897	01	2	2	7	0	2	74	01
	Sialkot	000	0	2	00	00	97	02	0	803	97	2	2	6	x	x	75	98
Rawalpindi	Jhelum	031	8	0	13	02	96	01	9	892	96	0	0	9	0	0	75	97
	Rawalpindi	000	0	0	18	02	99	00	0	905	92	0	0	9	0	0	72	93
	Khushab	000	0	0	00	00	96	05	4	902	02	0	0	9	0	0	75	04
Multan	Lyallpur	000	0	0	00	00	96	00	0	889	01	0	0	9	0	0	70	02
	Montgomery	000	0	0	00	00	95	00	0	985	xx	0	0	9	0	0	73	03
	Multan	000	0	3	23	05	97	01	0	887	00	0	0	9	0	1	79	01
Bahawalpur	Leiah	000	0	4	18	04	96	08	1	xxx	98	0	0	8	1	4	xx	00
	Khanpur	000	0	2	23	07	56	03	0	880	04	0	0	9	0	2	xx	00
	Bahawalpur	000	0	2	23	03	97	01	2	888	05	0	0	8	0	0	76	05
	Fort Abbas	..	—	..	..	..	..	..	..	..	..	...	—	—	—	—	-	...
Peshawar	Chakdara	000	0	2	27	03	99	01	1	864	93	2	1	7	0	0	78	94
	Peshawar	000	0	5	36	05	96	05	1	867	01	5	8	6	0	0	75	02
	Haripur	008	3	3	23	02	96	02	1	957	95	3	5	6	0	0	77	02
	Campbellpur	000	0	0	13	07	98	00	1	965	98	0	0	9	0	0	81	02
D. I. Khan	Bannu	000	3	3	13	02	99	03	0	875	01	0	0	8	0	3	71	02
	D. I. Khan	000	6	4	00	00	98	03	0	873	03	0	0	9	0	4	88	04
Quetta	Sibi	000	0	0	13	02	99	00	0	879	05	0	C	9	0	0	74	06
Kalat	Nokkundi	000	0	0	34	09	95	05	4	880	05	0	0	9	0	0	31	06
	Turbat	000	0	0	27	02	96	00	0	903	11	0	0	9	0	0	68	12
	Jiwani	000	0	0	23	07	96	01	0	916	90	0	0	9	0	0	79	93
	Pasni	000	0	4	20	21	97	00	0	909	91	4	0	9	0	8	79	93
	Ormara	000	0	3	18	09	98	01	1	910	90	3	2	7	0	0	77	94
	Las Bela	000	0	2	00	xx	98	20	3	935	95	0	0	9	0	0	81	99
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	25	16	97	03	2	922	85	3	6	4	4	0	79	86
	Karachi (Air Port)	000	0	8	27	12	96	02	2	925	86	5	5	5	4	0	80	90
	Badin	000	4	8	23	02	97	03	2	994	91	0	0	9	0	0	77	92
	Nagarparkar	000	0	0	00	00	98	00	0	956	97	0	0	9	0	0	65	99
	Umarkot	000	0	6	20	07	98	00	0	900	97	4	2	6	0	1	77	97
	Hyderabad	000	0	5	20	09	97	01	2	900	95	2	5	6	0	8	78	00
Khairpur	Pad-i-dan	000	0	1	18	07	98	01	1	886	01	0	0	9	0	1	71	02
	Nawabshah	000	0	2	23	05	96	01	2	896	01	0	0	9	0	1	77	01
	Sukkur	000	0	4	00	00	96	03	1	982	99	0	0	9	0	3	78	01
	Kashmore	000	0	0	23	14	99	00	0	xxx	98	0	0	9	0	0	86	17
	Jacobabad	000	0	4	18	05	96	02	2	886	01	0	0	9	0	5	76	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Minimarg																	
	Allabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	6	31	02	98	02	1	363	73	6	3	3	0	0	68	77
Peshawar	Drosh	000	0	3	23	12	98	03	0	315	95	3	2	7	0	0	55	02
	Cherat	000	0	2	13	05	97	05	4	364	86	2	1	6	0	0	76	87
	Kakul	049	7	2	16	02	97	01	9	364	85	2	3	6	0	0	70	85
	Landi Kotal	000	0	2	13	03	97	03	0	346	91	2	2	6	0	0	73	93
D. I. Khan	Parachinar	000	0	5	13	02	99	03	0	794	85	2	0	9	3	0	63	xx
	Miranshah	000	0	4	05	02	99	03	0	346	96	4	2	8	0	0	72	97
	Wana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman																	
	Hindubagh	000	0	3	29	03	97	03	0	405	02	3	0	9	7	0	56	03
	Loralai	000	0	0	25	03	98	00	0	304	97	0	0	9	0	0	64	97
	Harnai	000	0	2	13	02	98	02	1	517	92	0	0	9	0	3	59	94
	Quetta	000	0	0	09	08	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Chaman	000	0	0	00	00	96	00	0	343	93	0	0	9	0	0	54	94
Kalat	Kalat	000	0	0	27	05	97	00	0	356	01	0	0	9	0	0	55	01
	Nushki	000	0	1	31	07	98	01	1	358	87	0	0	9	0	1	47	90
	Dalbandin	000	0	0	31	02	99	02	0	453	07	0	0	9	0	0	44	09
	Panjgur	000	0	2	18	05	96	03	0	366	08	0	0	9	0	1	37	09
Afghanistan	Kabul	000	0	0	36	05	98	00	0	397	01	0	0	9	0	0	33	02
	Kandahar	000	0	0	00	00	99	00	0	416	73	0	0	9	0	0	58	63

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

Division (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Cox's Bazar	027	9	5	16	05	97	02	6	001	85	3	3	6	8	4	78	78
	Chittagong	000	0	4	11	09	97	01	1	996	85	2	8	7	1	0	79	80
	Maijdee Court	230	5	6	13	09	97	03	6	996	84	4	4	7	2	0	78	77
	Comilla	006	0	8	00	00	97	02	2	992	85	8	4	5	1	1	76	79
	Brahmanbaria	090	0	5	13	06	97	03	1	996	87	2	5	5	0	5	77	79
	Sylhet	064	9	5	05	05	97	02	6	999	87	1	1	6	7	1	78	77
	Srimangal	029	8	3	00	00	97	03	9	005	87	3	4	5	0	0	78	77
Dacca	Mymensingh	000	0	8	13	05	98	02	2	999	86	8	4	5	1	1	77	80
	Narayanganj	034	9	8	11	07	95	03	6	991	85	8	7	4	1	1	79	79
	Dacca (Tezgaon)	040	9	7	13	07	97	01	9	983	84	6	8	4	0	1	78	81
	Faridpur	029	9	8	16	02	97	03	0	963	86	8	5	7	0	0	79	78
	Barisal	136	9	8	09	03	97	03	9	976	85	8	7	x	x	x	78	79
Rajshahi	Khulna	020	9	6	13	07	96	01	7	978	87	6	4	6	0	0	81	80
	Satkhira	003	2	7	09	05	94	02	5	985	84	5	5	4	2	0	80	81
	Jessore	026	9	6	13	07	97	03	6	971	86	6	4	5	0	0	79	80
	Sirajganj	033	2	8	09	05	98	01	5	974	84	8	7	5	0	0	78	79
	Bogra	003	2	7	09	05	96	02	5	985	84	5	5	4	2	0	80	81
	Dinajpur	042	2	8	00	00	96	02	2	989	84	8	4	7	0	0	78	80
	Rangpur	004	0	8	09	05	96	03	2	xxx	83	8	5	6	x	x	80	81
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	8	8	00	00	95	05	1	936	89	2	5	7	7	5	78	86
	Sialkot	000	4	8	00	00	97	02	2	955	79	8	4	6	x	x	76	79
Rawalpindi	Jhelum	181	2	8	31	07	96	61	9	972	74	2	7	6	2	x	71	71
	Rawalpindi	142	6	8	05	02	98	58	9	982	73	8	6	6	0	0	71	71
	Khushab	000	0	6	09	09	96	03	5	948	78	6	3	6	0	0	74	77
Multan	Lyallpur	000	0	7	00	00	96	03	0	924	89	7	3	8	0	0	76	87
	Montgomery	000	0	4	00	00	96	01	0	934	90	2	2	9	0	0	79	87
	Multan	000	0	7	23	03	96	05	1	927	91	2	5	6	3	3	81	88
Bahawalpur	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khanpur	000	0	0	23	03	96	08	0	029	91	0	0	9	0	0	77	xx
	Bahawalpur	000	0	8	20	03	97	03	0	925	92	8	0	9	0	9	76	89
	Fort Abbas	000	0	0	00	00	98	00	0	899	83	0	0	9	0	0	81	05
Peshawar	Chakdara	000	0	8	00	00	97	02	9	914	77	0	0	8	6	x	74	75
	Peshawar	000	0	7	36	05	96	05	1	938	82	7	3	6	0	0	71	80
	Haripur	092	5	8	31	02	97	02	1	928	75	8	6	6	0	0	74	71
	Campbellpur	165	2	8	13	05	96	81	6	979	74	8	9	6	0	0	73	54
D. I. Khan	Bannu	004	0	1	27	01	99	01	9	924	81	1	0	9	4	0	77	75
	D. I. Khan	040	3	6	09	00	98	03	1	934	83	0	0	9	6	0	79	77
Quetta	Sibi	000	0	0	13	02	99	00	0	968	91	0	0	9	0	0	78	81
Kalat	Nokkundi	000	0	0	34	02	97	02	0	941	87	0	0	9	0	0	48	82
	Turbat	000	0	0	27	02	95	00	0	951	89	0	0	9	0	0	81	xx
	Jiwani	000	0	7	00	00	96	03	2	931	86	4	5	9	3	0	82	85
	Pasni	000	0	4	20	07	95	05	0	928	87	4	5	7	2	0	83	83
	Ormara	000	0	7	27	03	98	02	1	924	87	7	4	5	0	0	79	84
	Las Bela	000	0	2	00	xx	98	20	3	925	87	0	0	8	6	4	80	84
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	25	14	96	03	2	932	84	8	8	4	0	0	80	86
	Karachi (Air Port)	000	0	8	23	07	96	02	2	932	83	4	6	4	3	0	78	82
	Badin	000	9	0	23	02	96	03	2	942	82	8	0	7	8	0	78	81
	Nagarparkar	030	3	6	23	02	96	02	2	982	81	6	7	7	0	0	68	70
	Umarkot	000	0	0	18	09	98	00	0	926	82	0	0	9	0	0	78	80
	Hyderabad	000	0	5	23	07	97	02	2	920	84	2	6	5	0	0	77	82
Khairpur	Pad-i-dan	000	0	2	13	07	97	03	0	914	86	0	0	9	0	1	78	83
	Nawabshah	000	0	3	18	05	96	03	0	919	86	0	0	9	0	1	77	82
	Sukkur	000	9	6	16	02	96	03	1	918	85	0	0	9	0	5	78	82
	Kashmore	000	0	0	23	09	99	00	0	xxx	94	0	0	9	0	0	78	87
	Jacobabad	000	0	0	09	02	96	02	0	918	88	0	0	9	0	0	78	85
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Minimarg																	
	Allabad																	
	Gilgit																	
Rawalpindi	Murree	050	7	8	13	25	96	62	9	408	60	8	4	2	x	x	58	58
Peshawar	Drosh	000	0	2	00	00	98	01	0	366	83	2	2	7	0	0	62	75
	Cherat	000	1	8	13	05	91	91	6	380	89	8	5	2	x	x	69	68
	Kakul	111	7	8	05	03	97	20	9	394	69	8	9	5	x	x	66	67
	Landi Kotal	000	0	5	05	03	98	03	0	369	77	3	6	5	0	0	68	xx
D. I. Khan	Parachinar	000	0	5	18	02	99	03	0	791	71	0	0	9	2	2	63	xx
	Miranshah	000	0	0	05	02	99	00	0	343	83	0	0	9	0	0	80	79
	Wana	000	0	0	00	00	97	00	0	372	80	0	0	9	0	0	63	75
Quetta	Fort Sandeman																	
	Hindubagh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Loralai	000	0	0	23	05	98	00	0	337	77	0	0	9	0	0	04	76
	Harnai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Quetta	000	0	0	27	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Chaman	000	0	0	05	02	85	00	0	371	77	0	0	9	0	0	59	68
Kalat	Kalat	000	0	0	13	02	98	02	0	395	78	0	0	9	0	0	43	71
	Nushki	000	0	0	00	00	97	02	0	407	74	0	0	9	0	0	41	62
	Dalbandin	000	0	0	31	02	99	02	0	448	87	0	0	9	0	0	46	82
	Panjgur	000	0	0	25	03	95	05	0	380	82	0	0	9	0	0	27	75
Afghanistan	Kabul	000	0	0	00	00	98	00	0	399	82	0	0	9	0	0	30	78
	Kandahar	000	0	0	18	02	99	00	0	395	86	0	0	5	0	0	60	xx

Departure from Normal of / Rainfall

Division (1)	Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	+ 2	+ 1	57.3	+ 4.8	73.1	140
	Chittagong	+ 1	+ 3	45.4	+ 9.9	77.0	108
	Maijdee Court	+ 1	− 1	46.8	+ 2.5	78.7	115
	Comilla	+ 1	+ 2	22.8	− 4.9	50.3	94
	Brahmanbaria	—	—	24.0	+ 2.8	50.0	74
	Sylhet	—	—	75.6	—	123.6	—
	Srimangal	+ 2	—	31.6	+ 3.4	63.5	98
Dacca	Mymensingh	+ 2	+ 2	26.7	− 1.1	40.8	91
	Narayanganj	− 1	0	22.8	+ 2.0	44.1	74
	Dacca (Tezgaon)	—	—	22.4	—	38.9	—
	Faridpur	− 2	0	18.1	− 2.3	46.3	71
	Barisal	+ 1	0	35.1	+ 9.7	50.8	81
Rajshahi	Khulna	+ 2	+ 3	26.9	+ 5.0	47.8	68
	Satkhira	+ 3	+ 3	20.5	− 0.6	30.6	65
	Jessore	—	—	43.8	− 5.8	29.7	55
	Sirajganj	—	0	15.5	− 4.2	40.6	64
	Bogra	− 1	+ 2	15.8	− 5.0	34.8	69
	Dinajpur	+ 3	+ 1	18.3	− 5.9	35.6	72
	Rangpur	+ 1	+ 3	28.7	− 0.5	49.5	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd)	+ 1	+ 7	2.9	− 2.2	6.7	19
	Sialkot	+ 1	− 1	13.7	+ 5.1	19.6	32
Rawalpindi	Jhelum	—	—	5.9	—	21.2	—
	Rawalpindi	− 4	− 6	13.5	+ 6.6	26.4	36
	Khushab	+ 2	− 5	7.4	+ 3.8	12.9	15
Multan	Lyallpur	+ 1	+ 5	1.4	− 1.7	4.1	12
	Montgomery	0	+ 3	0	− 2.7	2.3	18
	Multan	− 1	+ 3	3.1	+ 0.5	4.1	7
Bahawalpur	Leiah	—					8
	Khanpur	− 7	—	0.2	− 1.3	1.0	6
	Bahawalpur	0	+ 5	0	− 1.5	1.0	6
	Fort Abbas		—	—	—	—	4
Peshawar	Chakdara	—	—	1.8	—	17.4	—
	Peshawar	0	0	2.1	+ 1.0	1.5	14
	Haripur	—	—	4.4	—	17.3	—
	Campbellpur	—	—	6.2	—	20.1	—
D. I. Khan	Bannu	—	—	6.6	—	13.4	11
	D. I. Khan	+ 1	− 6	8.0	+ 6.1	11.2	10
Quetta	Sibi	—	—	1.4	—	1.7	5
Kalat	Nokkundi	—	—	0	—	1.1	2
	Turbat	—	—	1.6	—	6.0	—
	Jiwani	—	—	0	—	5.6	4
	Pasni	+ 2	+ 5	0	− 0.5	2.5	4
	Ormara	—	—	0	− 0.4	1.9	6
	Las Bela	—	—	—	—	—	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	− 2	0	5.7	+ 3.7	5.7	8
	Karachi (Air Port)	—	—	7.9	—	8.2	—
	Badin	− 5	− 1	1.3	− 1.5	1.3	9
	Nagarparkar	—	—	6.0	—	6.0	—
	Umarkot	—	—	2.8	—	4.8	—
	Hyderabad	+ 1	+ 1	2.4	+ 0.1	3.1	9
Khairpur	Pad-i-dan	—	—	3.5	—	3.8	—
	Nawabshah	—	—	1.9	—	2.8	—
	Sukkur	—	—	0.8	—	1.8	8
	Kashmore	—	—	0.2	—	1.2	—
	Jacobabad	− 7	0	3.6	+ 2.8	4.3	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						—
Arabia	Muscat						4
	Kuwait						—
HILL STATIONS							
Kashmir	Srinagar						26
	Gulmarg						—
	Sonamarg						71
	Dras						26
	Leh						3
	Skardu						6
	Minimarg						—
	Allabad						
	Gilgit						5
Rawalpindi	Murree	+ 4	0	18.7	—	43.9	59
Peshawar	Drosh	+ 5	+ 2	1.1	—	30.3	18
	Cherat	− 2	− 3	4.4	+ 4.4	14.5	29
	Kakul	—	—	16.1	—	24.9	—
	Landi Kotal	—	—	2.5	—	17.5	—
D. I. Khan	Parachinar	—	—	7.9	—	21.9	29
	Miranshah	—	—	1.4	− 0.5	4.4	13
	Wana	—	—	—	—	—	—
Quetta	Fort Sandeman						11
	Hindubagh						—
	Loralai	+ 3	—	1.0	—	9.1	—
	Harnai						14
	Quetta	—	—	1.7	− 0.9	6.1	8
	Chaman	—	—	2.6	+ 1.3	8.2	7
Kalat	Kalat	0	− 5	0.1	+ 0.1	6.2	9
	Nushki	− 1	0	0.7	+ 0.1	5.9	—
	Dalbandin	—	—	0.4	—	2.2	5
	Panjgur	− 1	− 2	0.3	+ 0.3	2.3	4
Afghanistan	Kabul	− 3	+ 1	0.2	—	1.9	12
	Kandahar	—	—	—	—	—	—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 20th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L.L.L.	L.L.L. GG	N dd ff	VV ww W	PPP TT	N.C.h.C.C.	D.V. a PP	8 N. Ch. h.	Q T.T. T.T.	Id.d..PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Kirishimamaru	13 158	702 00	8 25 22	97 18 2	022 82	86 3 xx	75 70 8	...	0 00 77	1 35 33
Romanic	13 115	520 00	4 16 30	97 03 0	030 77	00 4 3x	33 00 6	...	0 53 71	1 14 57
Taiiomaru	13 238	608 00	4 18 38	98 02 1	940 81	34 4 00	35 71 0	...	0 57 75	—
Dalila	13 164	548 03	8 24 17	97 02 2	020 77	67 5 2x	14 40 0	...	0 51 77	1 24 21
Alfred	13 281	577 06	0 28 13	98 00 0	943 95	00 9 00	16 00 8	...	0 03 79	1 31 21
Isomeria	13 197	621 06	7 23 24	98 02 2	996 82	77 3 3x	35 11 0	...	0 01 77	1 23 32
Dalila	13 171	556 06	6 24 20	97 02 2	000 77	60 3 7x	16 72 0	...	0 53 75	1 24 23
Romanic	13 112	528 06	0 20 37	97 02 0	851 77	00 9 00	33 22 0	...	0 03 71	1 20 58
Taihomaru	13 224	620 06	6 22 24	97 02 1	950 81	45 4 10	35 40 0	...	0 52 26	—
Wonosobo	13 213	632 06	6 23 24	97 02 2	954 81	32 4 50	36 10 4	...	0 00 75	1 23 34
Ealila	13 176	564 09	5 24 25	96 02 2	995 77	36 3 30	16 20 5	...	0 08 73	1 24 34
Alfred	13 256	572 09	0 34 14	97 00 0	930 93	00 9 00	16 71 3	...	0 00 84	1 34 21
Romanic	13 106	531 12	0 20 44	97 00 0	050 80	00 9 00	23 72 0	...	0 03 73	1 70 73
Dalila	13 182	571 12	7 24 25	96 02 2	970 73	76 3 3x	16 72 5	...	0 06 72	1 24 34
Caltex London	13 179	675 12	8 25 30	97 02 8	978 82	76 4 2x	74 62 0	...	0 00 82	1 76 58
Wonosobo	13 210	647 12	7 23 25	97 02 2	938 82	42 4 40	26 70 6	...	0 01 79	1 23 34
Kirishimamaru	13 172	685 12	8 23 30	97 02 2	995 82	86 3 xx	74 91 5	...	0 00 77	1 23 34
Alfred	13 363	567 12	0 35 05	97 08 0	919 95	00 9 00	76 71 1	...	0 03 91	1 35 20
Taihomaru	13 213	631 12	6 22 20	97 08 1	950 81	55 4 10	35 40 0	...	0 51 79	—
Isomeria	13 190	632 12	8 24 28	98 02 2	980 81	87 4 xx	35 60 6	...	0 00 77	1 24 32
Dalila	13 189	578 15	8 23 25	96 02 2	956 75	16 7 14		...	0 08 73	1 23 34
Carpendaria	13 244	639 18	7 23 13	98 08 8	936 03	57 5 3x	65 30 2	...	0 54 79	1 20 23
Alfred	13 364	549 18	0 25 20	97 05 0	914 31	00 9 00	66 30 0	...	0 51 82	1 25 32
Kerishimamaru	13 178	675 18	8 23 30	97 02 2	008 81	86 3 xx	74 20 8	...	0 52 77	1 23 34
Dalila	13 195	584 18	8 22 18	96 02 2	965 75	86 3 xx	16 20 9	...	0 07 73	1 23 34

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			At surface and Standard Isobaric Levels HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	...	Misda	...		...	...	...			...	...	...	...
Jiwani														
Karachi	00 00	991 278 338	562 xxxxxx	...	350 240 999	...	046 188 999	337 085 999	814 520 999	559 610 999	970 768	...	...	...
Lahore	00 00	969 302 262	565 999 999	...	374 225 212	...	041 135 128	320 070 999	...		...	...	...	...
Multan														
Peshawar														
Quetta	00 00	820 205 058	Misda	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...
Jiwani													
Karachi	00 00	...	...	...		...	...	...	...	...	300 768 999	...	...
Lahore	00 00	...	...	...	...	...	...	...	...	...	320 070 999	...	...
Multan													
Peshawar													
Quetta	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...

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

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

UPPER WIND DATA*

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	12 25	12 32	13 29	13 20	13 27	14 22	14 17	15 07	14 10	12 18	13 22	...	13 12	...	...	11 17	13 21	13 26	33 25	10 09	30 10	33 11	30 14	32 19	...	...
Chaklala	...	13 09	12 02	15 07	23 03	28 10	28 12	31 09	32 10	21 15	10 09	11 12	19 09	32 03	07 10	...	06 10	10 15	14 43	...	...	...	...	...	...	...
Chhor	20 09	20 09	20 08	21 05	31 02	05 17	05 15	05 17	06 15	15 23	23 22	23 19	...	...	...	21 11	22 12	...	...	...	...	...	...	...	...	...
Chittagong	15 21	...	17 31	...	...	...	...	...	...	14 37	15 32	16 31	16 27	...	...	16 19	15 26	16 31	16 83	16 31	16 33	...	...	...	...	...
Cox's Bazar	16 19	17 26	18 23	16 20	...	...	...	...	...	13 17	15 31	16 28	...	...	...	15 19	15 29	15 25	15 07	15 09	15 29	16 29	15 33	13 33	...	...
Dacca	14 12	14 20	22 07	23 05	28 04	26 08	25 09	34 03	22 02	...	...	27 14	32 17	31 15	29 19	14 15	14 19	24 04	28 13	28 33	29 21	30 33	26 20	22 22	23 17	19 12
Dalbandin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	...	...	...	...	23 18	21 15	22 05	30 09	34 09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	21 02	17 03	10 02	28 07	29 18	...	...	...	...	22 01	24 03	27 03	...	...	...	...	22 04	21 06	20 07	17 06	17 05	...	...
Fort Sandeman	...	...	...	03 06	36 07	01 05	01 04	36 04	06 05	...	...	...	15 02	32 03	31 45	...	...	...	11 02	34 05	28 14	21 09	22 16	24 15	26 14	20 24
Jacobabad	17 06	23 03	30 01	...	...	...	...	...	...	17 13	18 15	18 08	09 02	34 05	30 13	12 03	09 02	03 03	01 09	01 05	27 05	15 07	19 07	15 04	26 02	15 06
Jessore	14 06	13 11	13 16	...	...	...	...	...	...	13 20	13 28	14 28	16 25	20 18	20 20	13 19	14 28	15 24	15 29	08 09	36 10	30 21	30 23	31 27	...	...
Badin	11 02	11 08	12 08	22 07	30 10	30 10	32 08	32 17	32 23	12 13	...	...	...	...	...	34 02	11 06	13 04	14 08	...	...	...	...	...	...	...
Jiwani	21 07	16 04	16 06	36 20	35 20	34 17	35 16	35 16	35 10	23 05	...	...	...	...	...	10 06	04 15	04 19	04 16	...	...	...	...	...	...	...
Karachi	26 12	26 08	...	...	...	...	...	...	...	28 16	...	...	...	...	...	25 13	25 15	25 15	...	...	...	...	...	...	...	...
Khanpur	14 06	15 04	14 08	08 09	36 10	...	...	...	...	21 12	22 10	21 14	20 20	19 19	23 17	18 14	28 10	20 07	12 11	12 08	[illegible]	33 06	36 05	...	...	...
Lahore	24 03	21 04	21 07	22 08	24 05	31 12	...	...	...	15 10	18 12	20 08	22 12	25 09	29 06	04 07	06 12	06 08	02 07	[illegible]	[illegible]	...	...	...	...	...
Multan	22 12	28 14	19 13	16 04	15 03	31 06	29 04	35 12	34 17	21 23	22 29	22 26	21 17	20 09	31 04	23 06	15 08	14 11	14 09	11 08	[illegible]	30 00	...	...	...	...
Muscat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	06 10	11 04	18 12	18 15	19 11	...	...	...	...	06 01	10 01	18 01	28 01	28 04	...	...	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	15 03	13 04	15 07	18 18	18 18	18 07	...	...	...	02 05	12 04	17 12	17 21	17 20	18 15	35 02	xx xx	21 09	18 02	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Misda																	
Karachi	25 20	26 32	29 17	31 21	34 14	01 21	03 14	05 28	08 20	09 24	08 22	09 19	09 41	08 39	...	...	...	...
Peshawar																		
Quetta																		

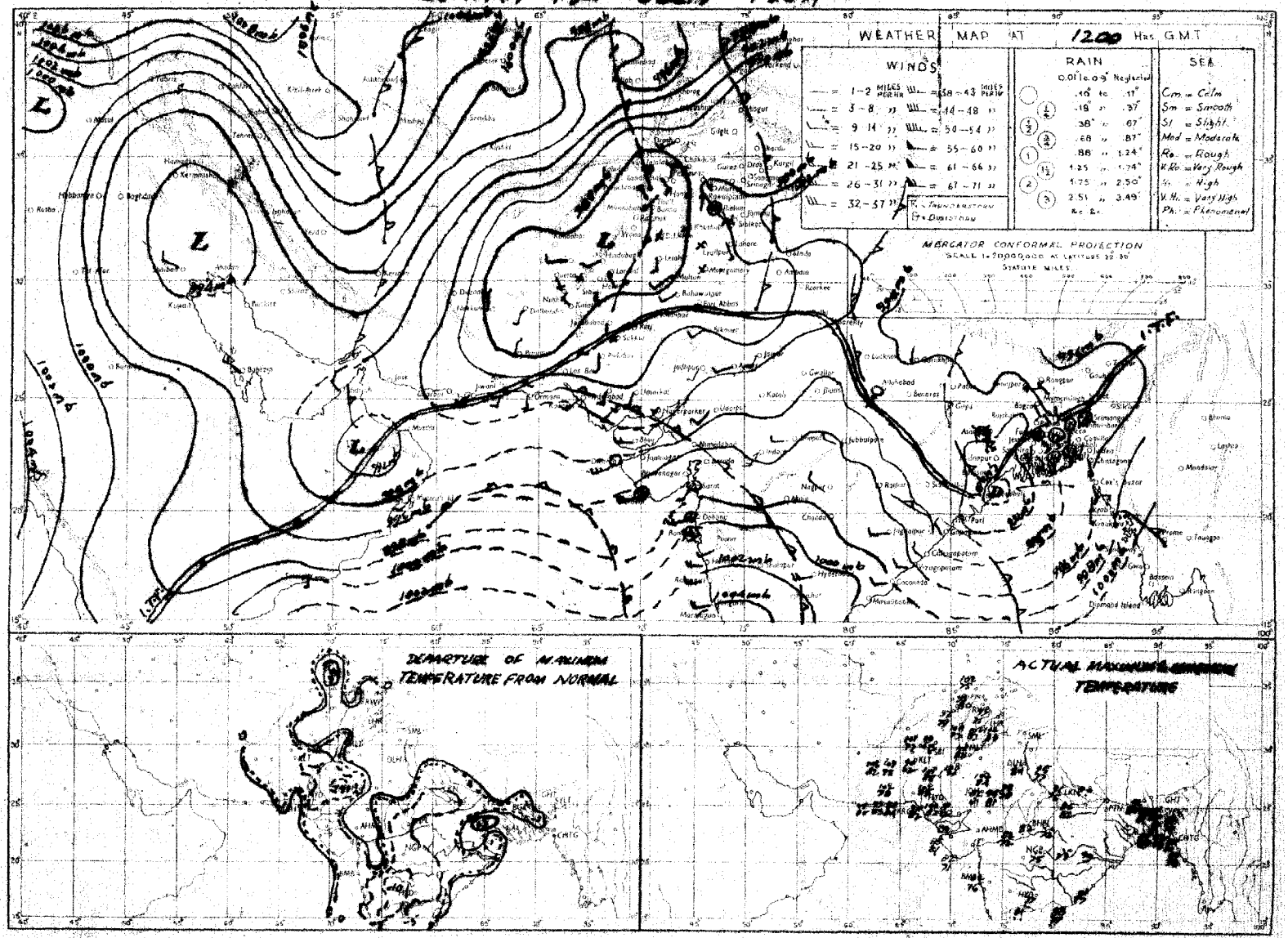
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind-speed "ff" is omitted

Cloud observation Data (GGiii Cddv,v,etc.)

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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 19th JULY, 1959



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

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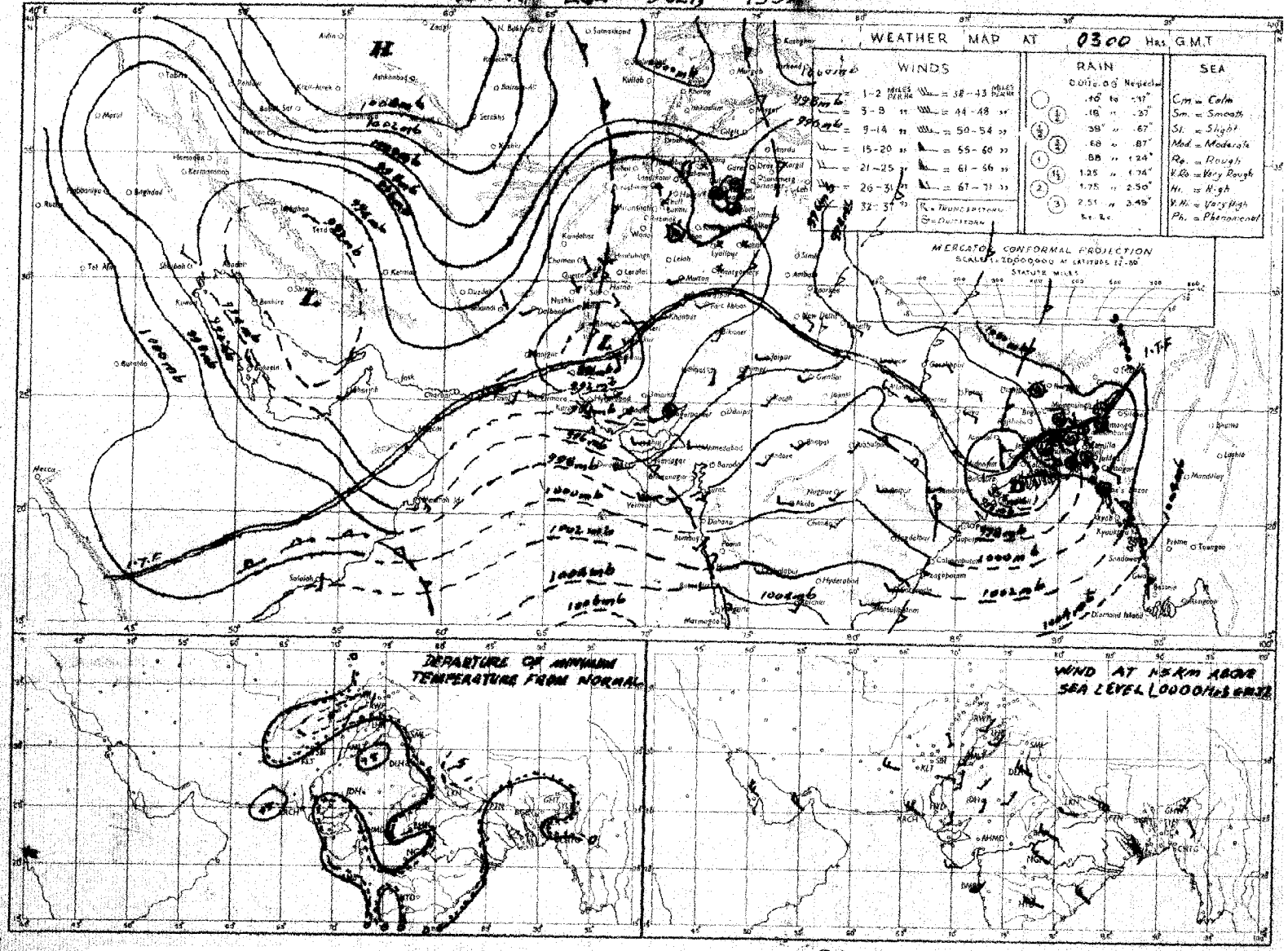
PAKISTAN DAILY WEATHER MAP

MONDAY 20th JULY, 1953



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

TUESDAY THE 21st JULY, 1959.

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

Yesterday's depression weakened into a shallow depression last evening and lies at 21,0300 G. M. T. near Jamshedpur, it is likely to weaken further.
Conditions are becoming unsettled in east central Bay of Bengal and adjoining areas.
Rain/thundershowers have been fairly widespread in Dacca division and local elsewhere over East Pakistan.
Yesterday's low pressure wave is moving across Rawalpindi division and neighbourhood while a fresh low pressure wave is passing across Afghanistan.
A shallow low lies over Hyderabad division.

Rain/thundershowers have been fairly widespread in Rawalpindi division local in Lahore, peshawar and D. I. Khan divisions and scattered in Multan and Quetta divisions.

Chief amounts of rainfall are: Srimangal, Khushab and Wana 3" each, Sylhet 2", Dinajpur, 1" Jhelum 3/4", Maijdee Court, Barisal, Rangpur, Rawalpindi, Lyallpur, Cherat, Campbellpur and Harnai ½" each and Dacca, Sirajganj, Sialkot, Chakdara, Kakul and Bannu ¼" each.

Day temperatures were 4—10 °F below normal in Peshawar and D. I. Khan divisions and 3—5 °F so in Quetta, north Kalat and Hyderabad divisions.

Forecast valid until the evening of 22nd July, 1959. Rain/thundershowers will be local in Peshawar, Rawalpindi, Lahore, Multan divisions, Kashmir and East Pakistan and scattered elsewhere over West Pakistan outside Kalat division.

Heavy Rainfall Warning: Locally moderate to heavy rain will fall in Rawalpindi Lahore and Chittagong divisions during next 24 hours.

Karachi-11
The 21st July, 1959.

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

OBSERVATIONS

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

Divisions	Stations	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	000	0	4	16	09	96	01	0	005	85	2	5	7	6	4	76	90
	Chittagong	000	0	7	16	09	97	02	2	972	85	5	3	5	2	0	79	91
	Maijdee Court	000	9	8	13	09	97	02	2	977	86	2	2	6	4	2	77	88
	Comilla	000	0	8	00	00	96	02	2	982	88	8	4	5	x	x	78	90
	Brahmanbaria	000	0	5	00	00	97	03	1	978	87	2	5	5	0	5	80	90
	Sylhet	000	0	7	00	00	97	03	1	970	89	4	4	6	7	0	81	94
	Srimangal	000	1	8	00	00	96	03	2	977	87	3	3	4	2	x	75	92
Dacca	Mymensingh	000	0	6	13	02	98	02	2	977	89	6	7	5	0	0	79	90
	Narayanganj	005	3	7	18	03	96	03	6	967	87	3	4	4	8	8	80	89
	Dacca (Tezgaon)	007	9	7	13	01	98	02	6	965	85	2	2	5	4	2	79	88
	Faridpur	006	3	6	16	03	96	01	6	963	86	5	4	7	1	0	81	90
	Barisal	034	4	4	09	02	97	03	6	967	85	4	0	6	4	0	81	88
Rajshahi	Khulna	000	0	4	18	09	96	01	2	965	86	4	4	7	0	0	80	89
	Satkhira	000	0	6	18	02	95	03	2	955	87	6	6	8	0	0	78	92
	Jessore	010	5	4	05	05	97	02	6	95·	88	4	4	6	6	0	80	90
	Sirajganj	027	7	8	18	03	98	02	6	961	85	8	0	9	5	x	79	87
	Bogra	000	5	6	13	03	96	03	6	962	83	4	4	5	0	0	80	89
	Dinajpur	090	3	8	00	00	96	61	6	949	81	8	4	7	x	x	80	89
	Rangpur	016	2	6	13	02	96	20	5	xxx	87	6	5	6	0	0	80	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	6	2	05	02	96	03	5	926	95	0	0	9	0	5	77	98
	Sialkot	018	8	0	00	00	98	00	6	926	94	0	0	9	0	0	71	95
Rawalpindi	Jhelum	026	7	2	31	30	97	02	6	932	92	0	0	9	0	1	73	92
	Rawalpindi	019	0	6	00	00	99	01	6	938	89	1	0	9	8	8	74	89
	Khushab	000	0	5	13	02	99	03	1	935	95	3	3	6	5	0	77	96
Multan	Lyallpur	000	0	0	00	00	96	00	0	918	00	0	0	9	0	0	75	00
	Montgomery	000	0	0	00	00	96	00	0	908	01	0	0	9	0	0	74	01
	Multan	000	0	8	31	03	96	02	1	913	02	2	9	5	0	2	76	04
Bahawalpur	Leiah	000	0	6	36	03	97	02	2	919	99	5	3	7	5	0	71	04
	Khanpur	000	0	1	18	03	96	03	0	903	xx	0	0	9	0	1	88	xx
	Bahawalpur	000	0	5	00	00	97	03	1	900	07	0	0	9	0	8	75	06
	Fort Abbas	000	0	0	16	03	98	00	0	908	04	0	0	9	0	0	85	06
Peshawar	Chakdara	027	9	8	00	00	97	03	5	957	81	8	0	8	6	x	73	84
	Peshawar	004	7	7	05	03	98	21	6	952	83	2	3	5	7	1	75	83
	Haripur	000	3	5	23	02	97	03	2	909	96	5	5	6	0	0	91	98
	Campbellpur	012	8	6	36	02	97	01	6	976	86	6	0	9	3	0	77	87
D. I. Khan	Bannu	000	0	4	00	00	98	02	6	031	91	1	1	6	0	0	75	92
	D. I. Khan	000	6	3	36	02	98	03	0	922	95	0	0	9	0	3	85	98
Quetta	Sibi	000	0	0	23	02	99	00	0	893	06	0	0	9	0	0	76	09
Kalat	Nokkundi	000	0	0	34	05	98	07	0	898	02	0	0	9	0	0	49	04
	Turbat	000	0	0	18	03	96	00	0	910	18	0	0	9	0	0	68	18
	Jiwani	000	0	0	20	12	96	02	0	919	90	0	0	9	0	0	81	91
	Pasni	000	0	4	23	14	95	05	0	919	90	4	5	7	0	0	79	93
	Ormara	000	0	4	27	09	98	01	1	915	87	4	0	9	2	0	78	93
	Las Bela	000	0	2	00	00	98	20	2	900	02	1	0	8	4	4	82	06
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	12	95	05	2	926	86	6	6	4	0	0	77	88
	Karachi (Air Port)	000	0	7	23	11	96	01	2	927	81	7	7	4	0	0	79	87
	Badin	000	0	0	23	02	96	00	0	933	88	0	0	9	0	0	77	92
	Nagarparkar	000	0	0	00	00	97	00	0	933	98	0	0	9	0	0	68	00
	Umarkot	000	0	7	20	09	98	02	0	925	92	5	1	6	0	1	78	94
	Hyderabad	000	0	3	23	03	97	01	0	917	93	3	5	6	0	0	76	96
Khairpur	Pad-i-dan	000	0	6	13	07	97	02	0	897	05	1	1	6	0	1	73	06
	Nawabshah	000	0	3	18	10	96	03	0	915	98	1	8	6	3	0	79	02
	Sukkur	000	8	6	16	03	96	02	2	902	01	0	0	9	0	5	81	04
	Kashmore	000	0	0	18	02	99	00	0	xxx	08	0	0	9	0	0	86	xx
	Jacobabad	000	0	1	13	03	96	05	0	906	01	1	2	7	0	0	74	02
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	003	9	6	29	07	98	02	6	400	70	3	1	4	8	0	62	73
Peshawar	Drosh	002	3	6	23	12	97	29	9	369	85	x	x	x	x	x	59	95
	Cherat	014	7	8	05	01	96	51	6	393	71	8	6	6	x	x	70	74
	Kakul	020	7	6	27	03	98	01	9	402	81	4	3	6	6	0	69	83
	Landi Kotal	000	1	7	05	03	97	50	2	379	79	7	6	5	0	0	69	79
	Parachinar	000	2	8	13	02	99	03	0	794	69	8	0	9	8	x	66	xx
D.I. Khan	Miranshah	000	0	4	05	02	99	02	2	306	83	4	2	7	0	0	71	88
	Wana	000	0	3	11	09	97	00	6	372	87	3	0	8	6	0	63	91
	Fort Sandeman	000	0	5	16	07	97	01	1	405	95	9	0	9	7	0	62	01
Quetta	Hindubagh	000	0	0	25	02	98	00	0	333	93	0	0	9	0	0	73	94
	Loralai	000	0	3	33	02	98	02	1	496	91	4	0	9	2	0	64	93
	Harnai	000	0	4	09	02	98	02	0	xxx	xx	x	x	x	x	x	xx	xx
	Quetta	000	0	0	00	00	96	00	0	345	93	0	0	9	0	0	69	94
	Chaman	000	0	0	27	03	98	00	0	376	96	0	0	9	0	0	49	97
Kalat	Kalat	000	0	0	34	12	97	02	0	358	88	0	0	9	0	0	46	92
	Nushki	000	0	0	27	02	99	02	0	437	01	0	0	9	0	0	37	89
	Dalbandin	000	0	0	33	14	94	07	0	380	02	0	0	9	0	0	34	83
	Panjgur	000	0	0	36	02	98	00	0	402	99	0	0	9	0	0	43	00
Afghanistan	Kabul	000	0	0	14	02	99	00	0	415	89	0	0	9	0	0	63	94
	Kandahar																	

At 0300 Hrs. G.M.T. of date (columns 20–36); Departure from Normal of (37–38); Rainfall (39–41); Annual normal (42)

Stations	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level Pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud Form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F.	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Cox's Bazar	000	0	3	11	09	97	01	0	020	87	2	3	6	0	1	74	79	+5	+3	57.3	+3.7	73.1	140
Chittagong	000	0	4	16	05	97	01	1	018	86	1	1	8	1	1	76	80	+5	+3	45.0	+9.1	77.0	108
Maijdee Court	050	6	8	18	05	97	02	6	024	86	8	0	9	2	x	75	79	+2	+1	47.3	+12.3	79.2	115
Comilla	000	0	8	00	00	97	02	2	022	86	8	4	5	x	x	79	80	+2	+3	22.8	-5.4	50.3	94
Brahmanbaria	000	0	6	11	05	97	03	1	020	86	3	5	5	2	0	79	82	—	—	24.0	+2.5	80.0	76
Sylhet	234	9	7	09	05	97	01	9	025	80	3	5	4	2	0	78	75	—	—	78.0		185.3	—
Srimangal	291	9	7	13	02	96	03	9	026	80	5	4	6	4	x	76	76	—	—	34.5	+6.1	60.4	90
Mymensingh	000	6	8	13	02	98	02	5	023	85	8	4	5	x	x	79	81	+2	+3	26.7	-1.5	48.8	91
Narayanganj	005	9	8	09	07	95	03	2	011	78	1	5	5	0	8	79	82	+1	+3	22.9	+1.7	46.1	74
Dacca (Tezgaon)	030	9	7	11	07	97	02	6	005	86	3	8	4	0	4	78	81	—	—	22.7	—	39.3	—
Faridpur	016	9	7	16	02	97	03	6	010	85	7	5	7	0	0	79	79	2	0	18.3	-1.7	40.5	71
Barisal	047	9	6	18	02	97	03	6	003	85	6	0	8	4	0	78	79	+1	0	35.5	+9.6	50.4	81
Khulna	000	0	8	13	03	95	03	2	005	83	8	5	6	x	x	81	81	+1	+3	26.9	+4.5	47.8	88
Satkhira	000	0	8	09	02	95	03	2	995	85	8	6	7	x	x	79	81	+3	+3	20.5	-1.0	30.6	65
Jessore	010	0	8	09	07	97	03	6	997	84	5	4	5	6	x	78	80	—	—	13.9	-6.0	29.8	65
Sirajganj	033	4	8	09	05	98	31	6	991	84	8	4	5	x	x	78	78	1	-1	15.8	-4.2	40.9	64
Bogra	000	0	8	09	03	96	02	2	003	83	3	6	4	2	x	80	81	0	+2	15.8	-5.3	34.8	69
Dinajpur	090	3	8	00	00	96	02	6	021	85	8	4	7	x	x	79	80	0	+1	19.1	-5.4	36.5	72
Rangpur	040	0	5	05	05	96	01	6	xxx	85	5	5	6	0	0	79	80	0	+1	29.1	+3.5	49.3	84
Jammu																							—
Lahore (Jail Rd)	002	8	5	13	02	96	02	5	980	87	1	1	7	3	6	76	82	-2	+3	2.9	-2.3	4.7	10
Sialkot	018	2	7	05	02	97	03	1	978	87	6	5	6	3	0	74	77	-2	-2	13.9	+4.9	19.8	32
Jhelum	073	2	8	09	02	97	51	9	995	77	5	7	6	2	x	74	77	—	—	6.7	—	22.0	—
Rawalpindi	040	4	8	36	02	96	60	6	989	77	8	6	5	x	x	74	71	-8	-6	13.9	+5.7	27.0	36
Khushab	257	2	7	00	00	96	05	6	985	74	7	3	6	0	0	72	73	-6	-9	3.9	+0.2	8.4	15
Lyallpur	060	9	7	00	00	96	03	9	981	85	7	3	8	0	0	79	80	-1	-2	2.0	-1.2	4.7	12
Montgomery	000	0	4	13	12	96	01	0	966	87	2	2	7	9	0	77	84	-2	+1	0	-2.6	2.3	18
Multan	000	9	7	05	02	96	03	9	969	93	3	5	6	3	0	76	88	+2	+3	2.1	+0.4	4.1	7
Leiah	000	0	6	36	12	96	14	5	990	87	5	6	6	6	0	76	80	—	—	0.5	—	2.4	8
Khanpur	000	0	0	27	03	96	00	0	957	91	0	0	9	0	0	84	xx	—	—	0.2	-1.4	1.8	4
Bahawalpur	000	0	4	00	00	96	03	0	948	91	0	0	9	0	3	78	87	+1	+4	0	-1.6	1.0	4
Fort Abbas	000	0	5	27	07	9.	03	1	956	86	5	3	6	0	0	85	66	—	—	0	—	0.3	4
Chakdara	027	0	8	00	00	98	02	6	983	76	8	0	8	6	x	74	71	—	—	2.1	—	17.7	—
Peshawar	004	0	7	05	02	98	02	2	990	81	6	9	6	0	1	75	79	-19	-1	2.1	+1.0	11.5	14
Haripur	000	3	8	23	04	96	02	1	974	79	8	6	6	x	x	75	68	—	—	6.4	—	17.3	—
Campbellpur	050	2	8	18	03	96	17	5	xxx	xx	8	9	6	x	x	xx	58	—	—	6.7	—	20.7	—
Bannu	032	0	6	00	05	98	00	6	990	75	4	0	9	1	1	75	74	—	—	6.9	—	13.9	11
D. I. Khan	000	3	5	05	05	98	03	5	983	80	5	0	9	5	0	77	70	-5	-5	8.0	+6.1	11.8	10
Sibi	000	2	5	13	02	99	02	0	992	91	0	0	9	0	9	74	83	—	—	1.4	—	1.7	5
Nokkundi	000	0	0	34	09	98	02	0	968	86	0	0	9	0	0	48	88	—	—	0	—	1.1	2
Turbat	000	0	0	27	02	95	00	0	967	90	0	0	9	0	0	80	xx	—	—	1.6	—	6.0	—
Jiwani	000	0	4	11	05	96	02	0	957	85	4	5	5	0	0	79	82	—	—	0	—	5.4	4
Pasni	000	0	7	09	03	95	05	0	963	85	7	5	7	0	0	76	81	+2	+3	0	-0.5	2.5	6
Ormara	000	0	7	27	02	98	02	1	963	85	7	0	9	2	0	79	83	—	—	0	-0.5	1.9	6
Las Bela	000	0	0	00	00	98	00	0	962	88	0	0	9	0	0	80	85	—	—	0.1	—	0.3	8
Karachi (Manora)	000	0	7	00	00	94	10	2	958	84	7	6	4	0	0	xx	80	0	-1	5.7	+3.0	5.7	8
Karachi (Air Port)	000	0	8	27	05	96	03	2	962	84	5	5	5	3	0	79	81	—	—	7.9	—	8.2	—
Badin	000	0	4	23	02	96	01	2	955	83	4	0	9	4	0	79	79	-5	-2	1.3	-1.7	1.3	9
Nagarparkar	000	0	0	00	00	98	00	0	969	91	0	0	9	0	0	75	76	—	—	6.0	—	6.0	—
Umarkot	000	0	0	20	03	98	00	0	962	82	0	0	9	0	0	78	79	—	—	2.8	—	4.1	—
Hyderabad	000	0	3	00	00	97	02	0	965	84	3	5	6	0	0	78	81	-3	0	2.4	+0.1	3.1	7
Pad-i-dan	000	0	1	13	07	98	02	0	963	85	0	0	9	0	1	77	82	—	—	3.5	—	3.8	—
Nawabshah	000	0	4	18	07	96	03	0	971	84	0	0	9	0	1	78	81	—	—	1.9	—	2.8	—
Sukkur	000	9	1	00	00	94	02	1	962	88	0	0	9	0	3	79	80	—	—	0.8	—	1.8	4
Kashmore	080	0	0	18	10	99	00	0	xxx	xx	0	0	9	0	0	77	xx	—	—	0.2	—	1.2	—
Jacobabad	000	0	1	09	02	96	03	0	970	90	0	0	9	0	2	77	87	-6	+3	3.6	+2.7	4.3	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
Srinagar																							28
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar	000	0	0	00	00	98	00	0	030	68	0	0	9	0	0	20	56	—					—
Aliabad																							
Gilgit																							5
Murree	005	2	9	31	05	90	44	5	429	62	9	x	0	x	x	62	57	0	-1	18.8	+6.9	44.0	59
Drosh	002	4	5	00	00	97	01	5	427	73	4	5	7	5	0	64	70	-2	+3	1.2	—	30.3	18
Cherat	051	1	8	18	02	92	51	6	425	68	8	5	6	x	x	68	67	-15	-4	4.9	+0.9	15.0	29
Kakul	020	9	7	20	07	97	03	6	434	74	7	9	4	0	0	68	68	—	—	16.3	—	35.1	—
Landi Kotal	000	0	6	00	00	98	03	1	xxx	xx	6	0	9	7	0	65	xx	—	—	2.5	—	17.5	—
Parachinar	000	0	4	00	00	99	03	0	799	68	3	0	9	2	2	30	xx	—	—	7.9	—	21.9	29
Miranshah	017	0	4	00	00	99	01	6	410	80	4	0	8	4	0	65	75	—	—	1.6	-0.3	4.6	13
Wana	217	8	5	00	00	97	60	6	423	76	5	0	8	4	0	65	65	—	—	3.4	—	12.4	—
Fort Sandeman	008	8	4	07	03	97	01	6	415	80	4	0	9	3	0	71	75	+1	+1	1.7	-0.3	10.4	11
Hindubagh	000	0	0	00	00	98	00	0	369	76	0	0	9	0	0	61	76	—	—	1.0	—	9.1	—
Loralai	000	0	0	00	00	98	00	0	446	75	0	0	9	0	0	67	69	—	—	3.9	—	9.7	—
Harnai	045	0	8	27	01	96	00	0	xxx	xx	x	x	x	x	x	xx	xx	—	—	2.2	-0.1	6.5	14
Quetta	000	0	3	18	02	95	02	0	402	75	2	0	8	4	1	68	70	—	—	3.6	+3.3	8.2	8
Chaman	000	0	0	13	02	98	02	0	406	82	0	0	9	0	0	49	74	-4	-1	0.1	+6.1	6.2	7
Kalat	000	0	0	00	00	98	02	0	418	76	0	0	9	0	0	32	59	+1	-3	0.7	+0.1	5.9	9
Nushki	000	0	0	00	00	98	00	0	428	89	0	0	9	0	0	54	83	—	—	0.4	—	2.2	—
Dalbandin	000	0	0	27	03	96	02	0	401	81	0	0	9	0	0	33	73	-7	-3	0.3	+0.2	2.3	5
Panjgur	000	0	0	36	02	98	00	0	413	83	0	0	9	0	0	53	79	-5	+3	0.2	—	1.9	4
Kabul	000	0	0	18	02	99	00	0	458	73	0	0	9	0	0	57	66	—	—	—	—	—	12
Kandahar																							—

† Given in Code.

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

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

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

Whenever ... [illegible] ... of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 21st JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch h_s	O $T_sT_sT_sT_s$	$I_dd_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Amra	23 205	705 00	8 26 24	96 01 8	950 81	87 5 xx	75 61 0	...	0 53 79	1 26 37
Kirishimaru	23 184	664 00	8 23 20	97 02 2	973 81	86 3 xx	74 71 7	...	0 00 75	1 22 34
Dalila	23 217	597 03	5 22 20	96 01 2	930 77	50 6 30	16 71 0	...	0 03 75	1 23 34
Mohammadi	23 222	635 36	7 21 18	97 02 2	958 84	79 8 00	15 40 0	...	0 04 79	1 20 35
Taihomaru	23 187	644 06	8 24 26	97 02 2	990 81	65 4 1x	35 31 0	...	0 52 79	
Dalila	23 226	599 06	0 18 10	96 02 3	920 84	00 9 00	16 71 0	...	0 12 81	1 18 22
Caltex Utrecht	23 197	647 06	8 24 18	97 02 2	969 81	86 5 xx	35 xx x	...	0 50 79	1 24 22
Ismaria	23 159	663 06	8 24 30	98 02 2	036 81	87 4 xx	35 10 5	...	0 52 77	1 24 22
Amra	23 212	698 06	8 26 24	96 02 2	951 82	87 5 xx	75 40 1	...	0 52 79	1 26 37
Dalila	23 233	593 09	0 36 05	98 02 0	910 99	00 9 00	76 71 0	...	0 15 80	1 36 20
Dalila	23 239	587 12	0 36 10	98 02 0	905 93	00 9 00	76 70 5	...	0 03 86	1 36 20
Dwarka	23 219	690 12	8 27 24	98 15 2	948 82	81 6 xx	75 71 0	...	0 00 82	1 27 69
Bagdad	23 173	562 12	8 22 30	97 02 2	000 77	80 6 7x	15 71 0	...	0 52 73	1 22 33
Amra	23 223	687 12	8 24 30	96 02 2	943 82	87 5 xx	75 70 5	...	0 51 79	1 24 27
Bagdad	23 190	580 15	3 21 15	96 01 2	980 75	30 6 40	15 40 0	...	0 02 70	1 21 22
Bagdad	23 195	586 18	7 20 25	96 02 2	990 73	70 7 30	15 21 0	...	0 00 72	1 20 22

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTT$T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00		Misda											
Jiwani														
Karachi	00 00	993 292 295			360 180 990		040 175 999	328 048 999	799 525 999	535 632 999	968 758	249 960	435 112	476 265
Lahore	00 00	978 278 242			404 165 999		019 062 999	259 835 999	672 638 999	525 770 999				
Multan														
Peshawar														
Quetta	00 00	923 218 112	Misda											

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00		Misda										
Jiwani													
Karachi	00 00										100 265 999		
Lahore	00 00	375 825 999									375 825 999		
Multan													
Peshawar													
Quetta	00 00		Misda										

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	13 14	13 15							
Chaklala									
Chhor	22 13	20 12	19 15	18 14	16 07	08 07			
Chittagong	19 25	18 29							
Cox's Bazar									
Dacca	15 19	16 28	16 29	16 27	16 39	15 31	15 28	15 18	12 12
Dalbandin			26 19	25 25	26 15	29 21	22 22	22 21	24 19
D. I. Khan									
Drosh					23 13	23 06			
Fort Sandeman				16 09	22 05	25 04			
Jacobabad	12 04	11 03							
Jessore	15 19	15 21	15 [illegible]						
Jhelum	34 03	31 06	31 [illegible]	29 05	28 05	32 07	31 20	30 21	28 23
Jiwani	17 20	09 13	09 [illegible]	31 13	32 15	33 24	34 18	28 13	28 10
Karachi	21 11								
Khanpur	19 06	16 05	15 04	13 10	12 07	10 09	34 05	10 02	31 12
Lahore	03 10	04 10	04 06	27 08	27 14	26 12	34 17	34 27	32 25
Multan	26 08	20 07	16 10	16 10	15 17	08 08			
Muscat									
Panjgur									
Peshawar		07 10	08 08	14 05	23 04	21 13			
Quetta	No	Ascent							
Sharjah									
Sylhet	29 04	23 03	16 06	17 13	15 13	17 10	17 15		
Veraval									

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	11 17	14 19	13 18	14 17	15 17	15 13
Chaklala						
Chhor	22 08	19 08	19 10			
Chittagong	11 11	11 19	13 25	15 35	15 28	17 27
Cox's Bazar	14 23	14 29	15 28	16 24	16 21	16 25
Dacca	14 11	14 15	15 13	16 13	10 11	
Dalbandin			25 08	29 05	30 10	32 14
D. I. Khan						
Drosh				24 04	23 09	25 13
Fort Sandeman				11 01	18 07	23 11
Jacobabad	21 13	20 10	18 13	14 06	12 08	02 08
Jessore	11 16					
Jhelum	No	Ascent				
Jiwani	13 11	30 07	31 14	34 10	36 11	32 12
Karachi	28 07	33 05	32 07			
Khanpur	24 21	25 24	25 23	29 09	01 08	12 04
Lahore	12 08	15 12	14 08	11 05	05 06	33 04
Multan	05 07	12 08	10 11	10 09	32 05	21 12
Muscat						
Panjgur						
Peshawar		36 04	03 05	35 03	31 03	25 05
Quetta	No	Ascent				
Sharjah						
Sylhet	06 06	23 03	22 08	20 08	22 06	26 12
Veraval						

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	13 11										
Chaklala											
Chhor	18 05	18 05	17 07	14 09	10 18	09 30					
Chittagong	20 11	18 17	16 22	15 25							
Cox's Bazar	14 33										
Dacca	12 15	12 15									
Dalbandin			25 06	26 08	27 11	28 10	27 21	23 26	24 26	24 19	23 13
D. I. Khan											
Drosh					02 01	35 01	20 01	20 04	20 05		
Fort Sandeman				30 05	19 04	23 11	26 15	72 34			
Jacobabad	19 03	18 03	12 03	12 03	35 09	18 03	19 13	19 05	26 02		
Jessore	14 19	15 32	13 32								
Jhelum	28 01	14 03	34 01								
Jiwani	11 06	15 03									
Karachi	22 04	24 04									
Khanpur											
Lahore	08 02	09 06	09 07	08 08	07 05	05 06	33 03				
Multan	03 15	03 17	03 16	13 04	27 03						
Muscat											
Panjgur											
Peshawar											
Quetta	No	Ascent									
Sharjah											
Sylhet											
Veraval											

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Misda																	
Karachi	20 12	07 12	04 10	04 07	01 14	02 19	06 15	04 13	04 12	09 18	10 22	10 20	11 22	09 25	09 27	09 24	07 23	
Peshawar																		
Quetta																		

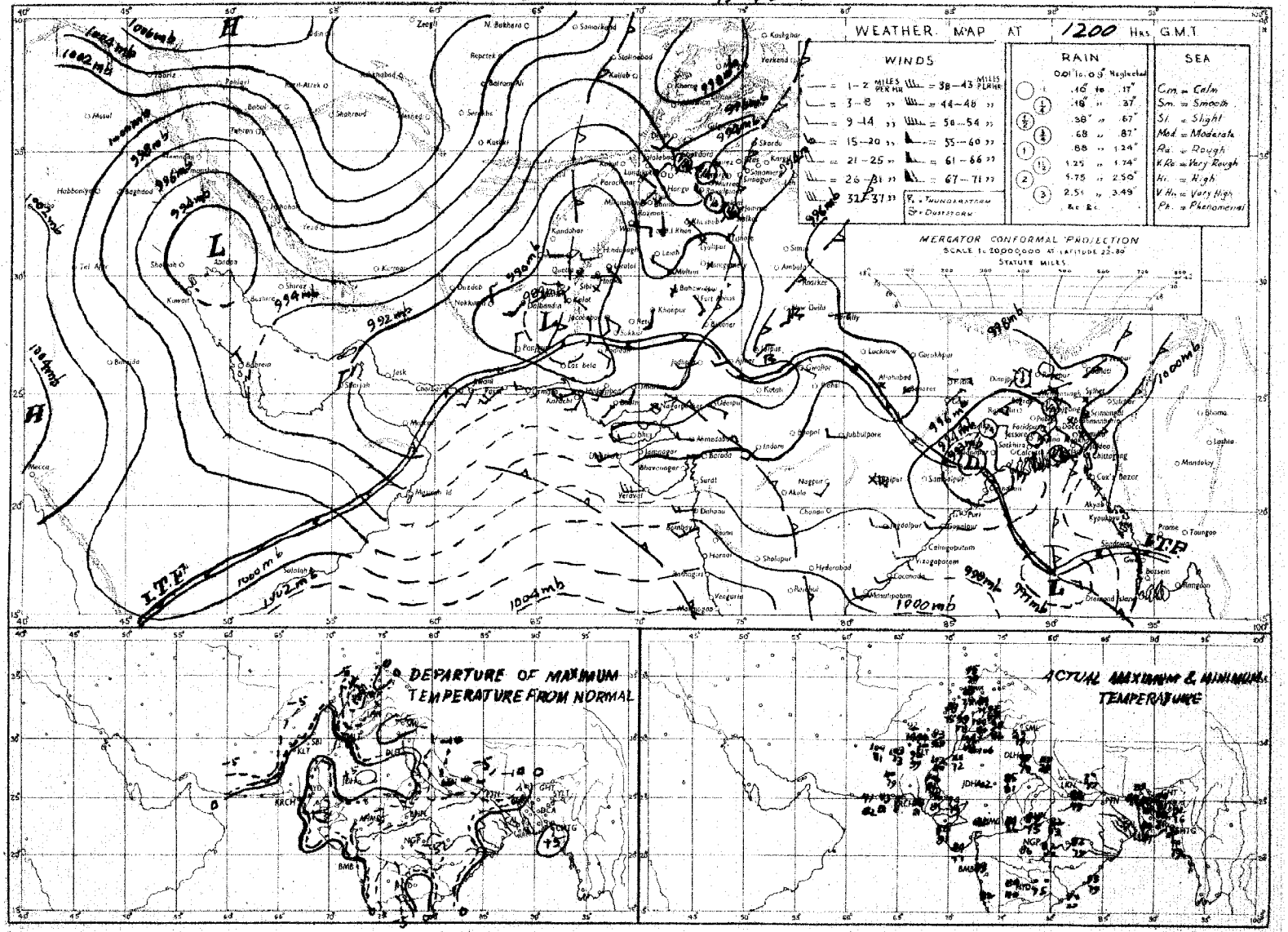
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted

Cloud observation Data (GGiii $C_Ld_dv_d$, etc.)

The accuracy of individual entries in this report can not be guaranteed. Corrections can be obtained if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI [illegible]

PAKISTAN DAILY WEATHER MAP

MONDAY 20th JULY, 1959.



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

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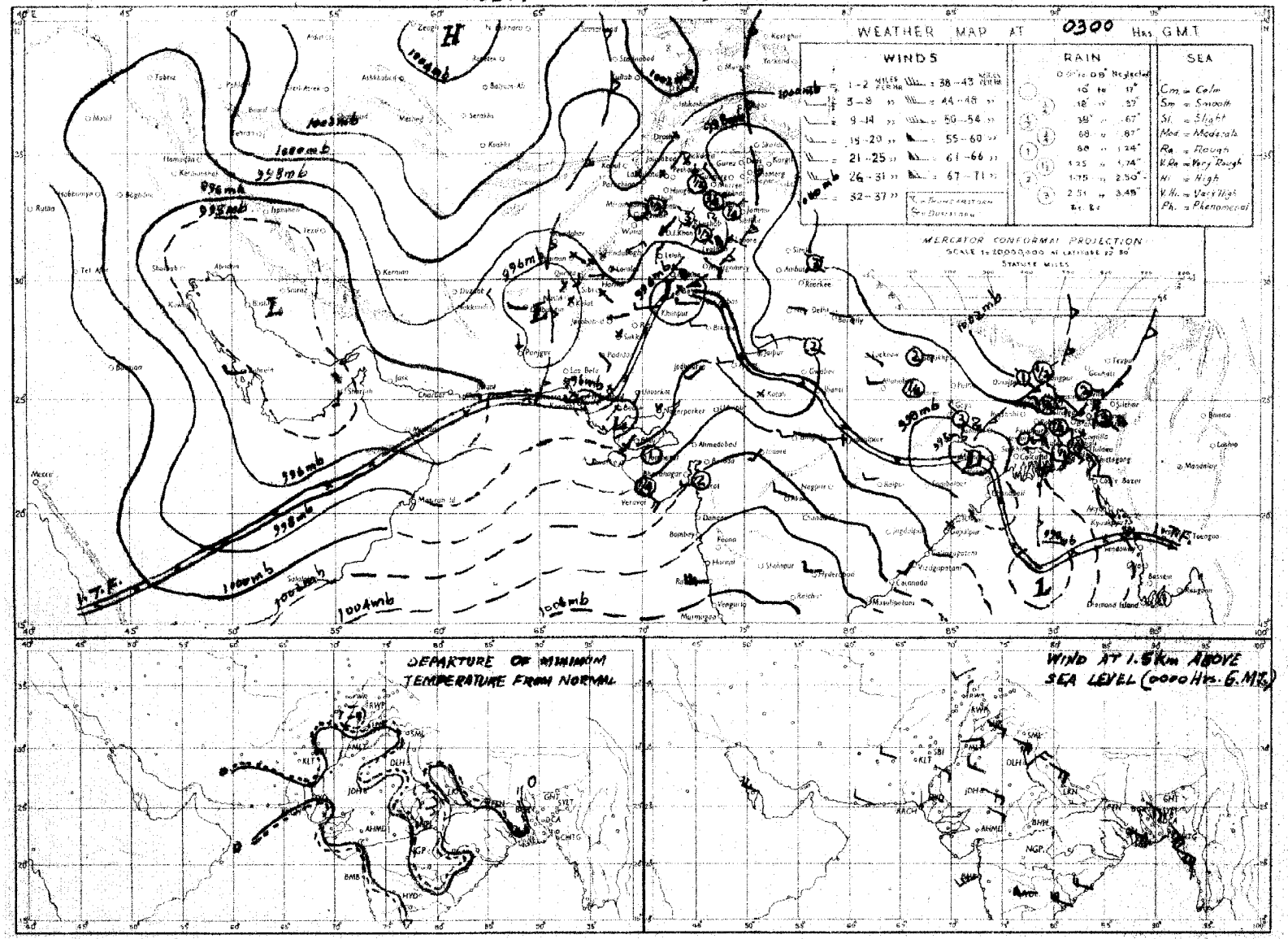
PAKISTAN DAILY WEATHER MAP

TUESDAY 21st JULY, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

WEDNESDAY THE 22nd JULY, 1959.

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

Observations from Orissa are lacking but believe unsettled conditions in Bay of Bengal concentrated into a depression centred at 22,0300 G. M. T. within one degree of latitude 18½ °N and longitude 87 °E. It is likely to intensify and move westnorthwestwards.

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

The low pressure wave over Rawalpindi division is moving across Kashmir while the other over Afghanistan is now moving across Peshawar division and neighbourhood.

Low over Hyderabad division persists.

Rain/thundershowers have been local in Lahore, Rawalpindi, Bahawalpur, Peshawar divisions and scattered in Multan, D. I. Khan, Quetta and Hyderabad divisions.

Chief amounts of rainfall are: Fort Abbas 3", Sialkot, Lyallpur and Leiah 2" each, Brahmanbaria, Mymensingh and Narayanganj 1" each, Comilla, Dacca, Jessore, Jhelum, Harnai and Nagarparkar ½" each and Sylhet, Srimangal, Khulna, Satkhira, Murree, Campbellpur and Loralai ¼" each.

Day temperatures were 8—15 °F below normal in Peshawar D. I. Khan, Rawalpindi, Lahore and Multan divisions and 3—5 °F so in Quetta and north Kalat divisions. They were 3—5 °F above normal in East Pakistan.

Forecast valid until the evening of 23rd July, 1959. Rain/thundershowers will be fairly widespread in Lahore, Rawalpindi divisions, Kashmir and East Pakistan, local in Peshawar, D. I. Khan, Multan and Hyderabad divisions and Federal Capital area and scattered elsewhere over West Pakistan outside Kalat division.

Karachi-11
The 22nd July, 1959.

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

OBSERVATIONS

Columns 3–19: At 1200 Hrs. G.M.T. of Previous day. Columns 20–36: At 0300 Hrs. G.M.T. of date. Columns 37–38: Departure from Normal of. Columns 39–41: Rainfall.

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)	Rainfall in Cents RRR (20)	Past weather commenced at † Ws (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	000	0	6	20	03	96	01	0	048	87	1	3	7	0	6	75	78	000	0	5	16	09	97	03	6	039	84	1	3	7	0	8	76	91	+ 6	+ 1	37.3	+ 2.4	73.1	140
	Chittagong	000	0	7	18	09	97	02	2	052	85	3	4	6	2	2	78	81	000	0	7	11	05	97	02	2	005	85	5	2	7	2	0	80	91	+ 5	+ 4	45.0	+ 8.3	77.0	100
	Maijdee Court	000	9	8	18	13	96	15	2	051	86	8	0	9	2	x	78	83	000	9	8	00	00	97	03	2	006	87	3	5	5	4	2	79	89	+ 3	+ 4	47.3	+ 1.6	79.2	115
	Comilla	000	0	4	00	00	96	03	0	053	79	8	4	5	x	x	78	78	060	5	8	00	00	97	02	6	008	89	4	4	5	0	0	79	92	+ 5	+ 1	23.4	— 5.3	50.9	94
	Brahmanbaria	000	0	6	00	00	97	03	1	056	80	8	5	5	x	x	77	77	108	3	8	05	05	95	62	6	007	87	3	4	5	2	0	79	91	—	—	25.1	+ 3.3	42.1	76
	Sylhet	000	0	7	00	00	97	02	2	067	76	7	7	4	2	x	75	76	025	9	8	03	05	95	61	6	995	86	2	3	6	2	1	80	90	—	—	78.2	—	126.2	—
	Srimangal	000	0	7	00	00	96	03	2	061	78	8	5	4	x	x	77	75	036	9	8	00	00	94	60	9	002	88	5	3	4	4	x	80	90	— 1	— 1	34.9	+ 6.1	68.7	98
Dacca	Mymensingh	000	0	3	00	00	98	01	2	061	78	8	6	3	x	x	77	76	090	4	8	13	02	96	60	6	004	89	0	0	9	0	4	78	91	+ 8	— 2	27.6	— 1.2	49.7	91
	Narayanganj	000	9	8	16	03	95	03	2	047	81	6	7	3	2	x	79	78	105	9	8	07	05	94	60	9	003	87	1	5	5	2	8	77	92	+ 4	— 1	23.9	+ 2.2	45.2	74
	Dacca (Tezgaon)	000	9	7	18	09	98	02	2	046	80	3	9	3	2	1	79	77	040	6	8	13	05	97	61	9	993	85	2	8	5	0	2	77	90	—	—	23.1	—	39.7	—
	Faridpur	000	9	6	16	02	97	03	0	xxx	xx	8	5	7	x	x	79	79	000	9	8	16	02	96	03	0	970	85	3	5	7	1	0	79	87	+ 1	0	18.3	— 2.9	46.5	71
	Barisal	000	0	8	18	03	97	03	2	042	86	6	0	9	4	0	77	83	000	0	6	18	03	97	03	2	001	85	6	7	7	4	x	81	88	+ 1	+ 4	35.5	+ 9.1	50.4	81
Rajshahi	Khulna	000	0	6	13	03	96	01	1	039	83	8	5	5	x	x	79	80	030	9	8	13	03	95	03	6	992	85	6	5	7	0	0	80	88	0	+ 2	27.2	+ 4.4	48.1	88
	Satkhira	000	0	8	00	00	95	03	2	028	85	6	6	8	0	0	79	80	021	0	6	09	02	95	03	6	995	81	8	6	8	x	x	79	88	0	+ 2	20.7	— 1.2	38.8	65
	Jessore	004	6	6	09	87	96	03	6	035	83	8	7	5	x	x	80	80	040	9	8	09	07	96	03	6	989	85	4	4	5	6	0	79	88	—	—	14.3	— 6.0	30.2	65
	Sirajganj	000	0	1	13	03	98	01	1	033	80	8	7	5	x	x	79	79	016	1	8	13	03	98	59	2	981	87	1	1	3	0	0	77	88	0	0	16.0	— 4.4	41.1	64
	Bogra	000	0	5	13	03	96	01	2	049	85	6	5	6	2	x	79	81	000	0	8	09	05	96	02	2	991	89	3	4	5	0	1	79	93	+ 1	+ 2	15.8	— 5.6	34.8	60
	Dinajpur	000	0	4	00	00	96	02	2	037	86	4	0	9	2	0	79	80	000	3	4	00	00	96	02	2	997	88	4	0	9	2	0	80	91	+ 1	+ 1	19.1	— 5.8	36.5	72
	Rangpur	000	0	3	13	02	96	01	2	xxx	85	7	5	6	0	0	79	81	008	0	7	13	02	96	03	5	xxx	89	1	5	6	2	0	79	91	+ 1	+ 2	29.1	— 0.8	50.0	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd)	003	2	7	36	02	96	02	6	019	84	5	7	5	2	8	75	81	003	5	7	00	00	96	02	5	970	82	2	5	6	2	0	76	95	— 4	+ 2	2.9	— 2.5	6.8	49
	Sialkot	210	7	6	00	00	98	02	6	027	79	8	7	5	x	x	76	73	218	9	8	05	02	97	60	2	964	84	3	5	6	4	0	78	86	— 11	— 6	16.0	+ 7.9	22.0	32
Rawalpindi	Jhelum	000	8	6	00	00	98	01	5	034	77	2	7	6	2	x	75	xx	064	3	8	00	00	95	63	6	973	86	1	2	8	7	0	77	87	—	—	7.3	—	22.6	—
	Rawalpindi	004	9	3	13	02	99	01	9	033	78	8	7	6	x	x	74	76	004	0	8	16	02	98	61	2	978	87	1		9	8	4	75	87	— 10	— 1	14.0	+ 6.4	27.0	36
	Khushab	000	0	3	00	00	96	03	1	022	77	6	3	6	0	0	75	73	000	0	6	05	02	96	03	1	973	79	3	3	6	0	0	77	88	— 14	— 9	10.0	+ 6.1	15.5	15
Multan	Lyallpur	224	3	6	29	02	96	02	9	004	84	0	0	9	0	6	78	75	224	9	6	29	06	96	02	9	968	82	6	3	8	0	0	77	86	— 15	— 7	4.2	+ 1.0	6.9	12
	Montgomery	007	3	8	00	00	96	01	5	001	84	0	0	9	0	0	77	77	907	0	0	00	00	96	02	5	963	79	0	4	7	x	x	74	95	— 8	— 6	0.1	— 2.6	2.4	10
	Multan	000	0	8	23	03	96	02	2	995	85	1	1	8	3	2	65	81	000	0	3	36	09	97	01	1	970	89	3	4	5	3	x	74	95	— 7	— 4	2.1	+ 0.4	4.1	7
Bahawalpur	Leiah	202	4	8	13	05	98	82	8	003	86	1	4	7	0	1	79	74	202	0	8	00	00	99	01	6	987	90	7	8	5	6	x	85	95	—	—	3.5	—	6.5	8
	Khanpur	000	2	8	11	12	94	17	3	988	84	1	1	8	0	1	82	83	xxx	9	2	36	05	96	01	5	954	85	3	3	6	1	x	75	05	+ 1	0	0.2	— 1.5	1.0	6
	Bahawalpur	000	0	8	13	05	95	09	3	990	85	0	0	9	0	1	74	81	000	9	1	36	02	97	02	0	972	90	0	0	9	0	8	74	02	0	— 2	0	— 1.7	1.0	6
	Fort Abbas	285	2	8	16	05	98	60	0	989	85	6	2	7	0	0	81	79	285	0	6	02	07	98	03	6	966	79	8	7	3	x	x	77	04	—	—	2.9	—	3.2	4
Peshawar	Chakdara	000	0	1	23	04	99	01	1	009	77	6	0	8	4	0	74	72	000	0	6	00	00	98	01	5	958	90	1	1	7	0	0	75	92	—	—	2.1	—	17.7	—
	Peshawar	000	0	6	05	09	98	03	0	991	85	4	8	6	0	0	76	84	000	0	4	36	03	96	02	0	960	92	2	9	6	6	2	72	94	— 7	+ 4	2.1	+ 0.9	15.5	14
	Haripur	000	4	0	13	04	97	00	0	...		...	...		...	...		...		...	...			...		...	951	89	0	0	9	0	0	77	92	—	—				—
	Campbellpur	018	8	7	18	03	98	01	9	xxx	83	0	0	9	0	6	79	77	018	0	4	09	04	98	03	0	962	89	6	0	9	6	9	81	90	—	—	6.9	—	20.8	—
D. I. Khan	Bannu	000	0	3	13	01	99	03	0	004	83	5	0	9	5	0	76	75	000	0	5	05	01	99	01	0	961	90	3	0	9	1	0	74	90	—	—	6.9	—	13.9	11
	D. I. Khan	000	8	5	00	00	98	03	1	011	87	0	0	9	0	2	79	75	000	2	2	36	02	98	01	1	973	88	0	0	9	0	5	78	88	— 15	— 8	8.0	+ 6.0	11.8	10
Quetta	Sibi	000	9	5	18	02	98	03	1	00.	84	5	0	9	2	0	78	67	003	0	5	27	02	98	01	1	916	07	5	c	9	3	0	75	08	—	—	1.4	—	1.7	5
Kalat	Nokkundi	000	0	0	34	02	99	02	0	971	86	0	0	9	0	0	75	82	000	0	0	00	09	99	02	0	914	03	0	0	9	0	c	38	06	—	—	0	—	1.1	2
	Turbat	000	0	0	23	04	96	00	0	979	86	0	0	9	0	0	77	xx	000	0	0	31	02	95	10	0	930	xx	0	0	9	0	0	77	xx	—	—	1.6	—	6.0	—
	Jiwani	000	0	0	16	10	96	02	0	983	84	5	5	5	3	0	77	82	000	0	7	11	12	96	03	0	942	87	0	0	9	0	0	77	91	—	—	0	—	5.6	4
	Pasni	000	0	2	18	09	95	05	0	983	86	7	5	7	0	0	83	83	000	0	7	13	02	96	02	0	957	90	2	5	7	0	0	80	91	+ 1	+ 5	0	— 0.6	2.5	6
	Ormara	000	0	0	23	07	98	00	0	980	89	6	0	9	2	0	78	84	000	0	6	00	00	98	02	1	939	92	0	0	9	0	0	77	93	—	—	0	— 0.5	1.9	6
	Las Bela	000	0	4	xx	xx	96	71	7	980	91	0	0	9	0	0	70	85	000	0	0	00	00	98	00	0	922	93	3	6	7	8	8	74	07	—	—	0.1	—	0.3	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	3	25	12	95	95	1	979	85	4	6	4	0	1	81	83	000	0	6	00	00	94	10	2	945	87	3	6	4	0	0	80	90	+ 4	+ 2	5.7	+ 2.9	5.7	8
	Karachi (Air Port)	000	0	5	23	09	96	01	2	985	85	1	0	9	4	1	79	86	000	0	2	34	03	96	01	0	949	89	5	5	5	0	0	79	91	—	—	7.9	—	8.2	—
	Badin	000	0	0	23	03	97	00	0	970	83	8	0	9	8	x	80	81	000	3	8	00	00	96	03	5	922	87	0	0	9	0	0	76	94	+ 1	0	1.3	— 1.9	1.3	9
	Nagarparkar	000	0	0	00	00	97	00	0	972	81	8	7	7	x	x	68	76	053	2	8	00	00	98	02	6	956	96	0	0	9	0	0	76	98	—	—	6.5	—	6.5	—
	Umarkot	000	0	4	18	02	98	02	0	975	82	7	5	6	0	0	78	78	000	0	7	36	03	98	02	0	931	98	4	1	6	0	0	74	99	—	—	2.8	—	4.1	—
	Hyderabad	000	0	5	23	02	97	02	1	980	86	4	0	9	2	8	81	88	001	1	7	00	00	97	01	5	944	97	4	5	6	0	1	74	99	+ 1	+ 4	2.4	0	3.2	7
Khairpur	Pad-i-dan	000	0	2	16	07	97	03	0	989	87	1	1	6	3	1	76	84	000	0	6	09	05	97	03	1	934	02	1	1	6	0	1	73	03	—	—	3.5	—	3.8	—
	Nawabshah	000	0	3	18	01	96	03	0	992	87	2	0	9	4	1	80	83	000	0	7	00	00	96	01	2	943	97	1	1	6	0	1	77	00	—	—	1.9	—	2.6	—
	Sukkur	000	6	0	00	00	96	00	0	988	86	7	0	9	7	0	77	88	000	9	7	00	00	96	03	3	924	04	0	0	9	0	0	76	06	—	—	0.8	—	1.8	4
	Kashmore	000	0	0	05	16	99	00	0	xxx	94	0	0	9	0	0	78	88	000	0	0	05	10	99	00	0	xxx	05	0	0	9	0	0	86	xx	—	—	0.2	—	1.2	—
	Jacobabad	000	0	2	13	05	96	02	0	992	89	1	0	9	1	8	76	86	000	0	3	11	02	96	02	1	931	03	2	0	9	3	0	73	04	— 3	+ 2	3.6	+ 2.7	4.3	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								
Kashmir	Srinagar																																								26
	Gulmarg																																								—
	Sonamarg																																								71
	Dras																																								26
	Leh																																								3
	Skardu																																								6
	Misgar																																								—
	Aliabad																																								
	Gilgit																																								5
Rawalpindi	Murree	000	4	8	18	02	95	03	4	456	63	9	x	0	x	x	61	60	029	9	9	00	00	90	61	4	415	68	8	9	2	x	x	64	74	+ 1	+ 2	19.1	+ 6.8	44.3	59
Peshawar	Drosh	000	2	6	05	10	97	17	9	473	66	8	5	5	x	x	63	66	003	9	8	23	09	95	60	9	396	86	6	3	6	0	0	52	95	— 2	— 7	1.2	—	30.4	18
	Gharat	000	0	2	18	01	97	20	2	452	73	2	0	9	1	0	71	67	000	0	2	13	01	96	40	0	411	76	2	0	9	1	0	72	79	— 10	— 4	4.9	+ 0.8	15.0	29
	Kakul	000	7	4	16	07	97	03	0	460	75	6	4	6	0	0	66	70	000	9	6	23	02	97	03	1	414	81	4	3	5	0	0	71	83	—	—	16.3	—	35.1	—
	Landi Kotal	000	0	6	05	02	98	03	1	446	75	6	6	5	0	0	67	xx	000	0	6	23	01	98	02	2	403	85	6	5	7	0	0	70	89	—	—	2.5	—	17.5	—
D.I. Khan	Parachinar	000	2	8	43	02	99	61	0	796	68	2	0	9	4	2	xx	xx	010	2	8	00	00	94	03	6	795	72	2	0	9	4	4	66	xx	—	—	8.0	—	22.0	29
	Miranshah	000	0	4	05	02	99	03	0	448	78	4	2	8	4	x	71	74	000	0	8	00	00	98	02	1	393	83	4	2	7	0	0	70	86	—	—	1.6	— 0.4	4.6	13
	Wana	000	0	3	11	05	97	20	1	444	73	4	5	8	0	0	64	70	000	4	4	00	00	96	20	2	414	82	3	0	9	4	0	65	84	—	—	3.4	—	12.4	—
	Fort Sandeman	000	0	8	02	03	97	03	0	435	76	7	1	6	0	0	69	73	005	0	7	02	03	97	03	5	405	85	8	5	6	x	x	66	94	— 3	— 1	1.7	— 0.3	10.5	11
Quetta	Hindubagh	000	0	0	29	02	98	00	0	404	74	5	0	9	2	4	55	73	000	2	6	07	03	96	03	0	363	91	0	0	9	0	0	72	91	—	—	1.0	—	9.1	—
	Loralai	000	0	2	13	02	98	02	1	438	74	8	9	7	x	x	69	67	025	0	8	00	00	98	02	6	481	88	0	0	9	0	3	62	88	—	—	3.9	—	9.7	—
	Harnai	000	0	4	09	02	96	02	0	xxx	xx	x	x	x	x	x	xx	xx	050	1	8	27	01	96	02	6	xxx	xx	x	x	x	x	x	xx	xx	—	—	2.7	+ 0.2	7.0	14
	Quetta	000	0	0	27	02	96	00	0	414	72	4	0	9	4	0	63	66	000	0	4	18	02	95	02	0	414	90	0	0	9	0	0	69	92	—	—	2.6	+ 2.7	8.2	8
	Chaman	000	0	0	27	02	98	00	0	427	86	0	0	9	0	0	55	74	000	0	0	13	02	98	02	0	388	96	0	0	9	0	0	54	97	— 4	— 1	0.1	+ 0.1	4.2	7
Kalat	Kalat	000	0	1	34	09	97	01	1	429	74	0	0	9	0	1	59	65	000	0	3	00	00	97	03	0	386	85	0	0	9	0	1	44	89	— 2	+ 3	0.7	+ 0.6	5.9	9
	Nushki	000	0	0	27	02	99	02	0	459	89	0	0	9	0	0	59	83	000	0	0	09	02	99	02	0	449	02	0	0	9	0	0	43	05	—	—	0.4	—	2.2	—
	Dalbandin	000	0	0	23	09	97	02	0	401	82	0	0	9	0	0	41	72	000	9	2	00	00	96	03	0	396	03	0	0	9	0	0	40	09	— 4	— 4	0.3	+ 0.2	2.3	5
	Panjgur	000	0	0	36	02	98	00	0	427	84	0	0	9	0	0	42	74	000	0	0	00	00	98	00	0	419	00	0	0	9	0	0	42	01	— 2	— 2	0.2	—	1.9	4
Afghanistan	Kabul	000	0	5	32	02	98	03	0	492	71	5	5	8	0	0	60	64	000	0	5	36	02	98	03	1	490	86	5	3	8	0	0	68	89	—	—	—	—	—	12
	Kandahar																																								—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 22nd JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_hL_mL_l$	$L_oL_eL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_hh_hC_mC_H$	D,V, a PP	8 N_s C_h h_s	O $T_wT_wT_dT_d$	Id d, PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Accra	33 205	705 00	8 26 24	96 81 8	950 81	87 5 xx	75 61 0	...	0 52 79	1 26 37
Kirishimaru	33 211	623 00	8 23 30	97 02 2	950 81	86 3 xx	74 40 0	...	0 52 77	1 23 34
Delila	33 260	545 06	0 30 05	97 02 0	953 93	00 9 00	66 21 5	...	0 51 86	1 30 20
Isemaru	33 210	610 06	8 25 25	96 05 2	970 81	48 4 6x	35 31 0	...	0 00 81	1 25 44
Baghdad	33 220	596 06	1 10 15	96 10 0	975 79	10 8 40	15 40 0	...	0 52 73	1 20 28
Delila	33 259	537 09	0 30 05	97 02 0	940 95	00 9 00	66 71 5	...	0 06 88	1 30 20
Baghdad	33 225	599 09	0 20 15	96 02 0	960 82	00 9 00	75 74 5	...	0 06 77	1 20 22
Delila	33 257	525 12	0 30 15	96 02 0	930 93	00 9 00	66 71 0	...	0 04 84	1 30 20
Delila	33 253	518 15	0 32 15	96 02 0	937 90	00 9 00	56 28 7	...	0 00 81	1 32 21
Baghdad	33 236	590 15	0 00 00	97 02 0	950 88	00 9 00	75 60 5	...	0 03 82	1 00 x0
Baghdad	33 240	586 18	0 12 12	98 02 0	960 88	00 9 00	75 21 0	...	0 52 81	1 12 x0

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdT°Td	1000 mb HHHTTT T°T°Td	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra														
Chittagong														
Dacca	00 00		Misda											
Jiwani														
Karachi	00 00	995 288 285			400 225 999		084 172 108	369 045 512	832 530 999	567 625 999	972 740	256 952	441 125	673 258
Lahore	00 00	977 280 240			429 202 155		084 130 060	369 065 545	848 000 999	593 625 999				
Multan														
Peshawar														
Quetta	00 00		Misda											

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT T°T°T°	Max. Height Reached PPPTTT $T_wT_wT_dT_d$	TROPOPAUSE SI. HHHH TT	SI. HHHHTT
16	17	18 19 20 21 22 23 24 25 26	27	28	29
Bagra					
Chittagong					
Dacca	00 00	Misda			
Jiwani					
Karachi	00 00		900 245 215		
Lahore	00 00	900 245 215	400 625 999		
Multan					
Peshawar					
Quetta	00 00	Misda			

PPP—Pressure in hundreds tens and units of millibars.
TTT; $T_dT_dT_dT_d$=Dry Bulb: Dew Point temperatures (in tenths of(oC)
ss:- Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in oC.
50 has been added to the number when temperature is negative

UPPER WIND DATA*

Height in Kms. a.s.l.	At 1200 hrs G.M.T. of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bagra	13 13	13 15	15 19	16 25	16 24	14 20	14 11	...	...	13 15	14 17	15 23	15 21	15 17	15 12	11 15	15 19	...	...	...	...	...	...	...	...	...
Chaklala											14 07	14 10	17 10	17 04	...											
Chhor	19 07	18 06	16 06	13 09	...	...	...	...	...	17 13	18 11	24 09	...	...	...	36 05	32 08	31 11	35 15	15 28	...	...	...	...	...	...
Chittagong	18 21	18 24	17 23	15 29	...	...	...	...	...	10 12	11 19	13 24	14 34	...	...	16 09	15 13	15 18	16 25							
Cox's Bazar	16 14	15 19			...	...	...	...	...	14 22	15 21	16 22	16 17	16 19	...	14 29	14 21	14 27	16 37							
Dacca	17 14	16 18	16 22	16 26	15 25	14 19	11 12	05 09	08 07	No	Ascent		31 07	06 04	06 04	05 08	12 13	15 19	15 20	15 29	16 32	16 29	18 25	03 17	15 13	15 17
Dalbandin	...	...	23 09	26 10	25 09	26 11	28 07	24 18	26 23	...	...	...	...	...	...	...	...	...	34 01	34 04	36 01	01 04	36 05	11 02	18 07	23 17
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	24 01	24 08	22 05	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	26 03	20 03	...	...	...	...	...	...	03 07	10 06	13 04	...	...	...	02 09	24 04	05 11	13 05	20 10	23 17	22 16	...
Fort Sandeman	...	...	...	07 12	07 07	30 06	...	...	...	...	...	...	...	...	...	...	...	...	01 04	24 04	04 04	13 04	07 03	02 03	...	...
Hyderabad	16 07	16 03	15 02	02 04	31 08	24 07	23 10	22 04	18 03	02 10	01 10	11 05	...	...	...	09 02	07 05	03 06	...	...	...	...	...	...	...	...
Jacobabad	15 17	15 26	16 29	15 26	...	...	...	...	...	12 18	13 23	14 26	14 23	15 17	15 16	13 21	13 25	...	...	...	...	...	...	...	...	...
Jiwani	18 17	18 26	16 29	15 26	...	...	...	...	...	No	Ascent					06 13	18 12	14 11	06 13	...	...	...	...	...	...	...
Kalat	31 01	31 03	12 06	09 10	10 15	08 13	05 10	...	...	11 16	08 12	08 07	09 05	03 05	01 08	10 08	...	...	...	...	...	...	...	...	...	...
Jhelum	14 10	11 12	11 09	06 11	09 14	36 17	31 20	32 12	26 08	22 04	29 03	...	...	...	...	31 01	12 03	06 08	05 14	05 17	...	...	...	...	...	...
Karachi	21 05	09 07	05 10	...	...	...	...	...	...	24 09	23 10	23 12	22 17	21 17	...	03 18	03 18	04 14	01 18	26 13	02 17	03 13	08 12	09 11	...	...
Khanpur	09 29	08 33	07 26	...	...	...	...	...	...	13 09	15 15	13 15	13 19	12 12	14 09	05 12	06 20	10 12	...	...	...	...	...	...	...	...
Lahore	05 13	01 13	35 03	13 08	12 17	08 03	10 14	...	...	02 10	04 14	02 07	05 04	07 04	04 10	02 10	04 14	03 15	05 14	...	...	...	...	...	...	...
Malam	07 11	04 12	36 09	33 04	29 06	33 13	29 12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Masjed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...	01 06	36 04	31 03	07 02	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	06 11	14 10	17 11	21 12	18 15	10 05	05 04	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Quetta	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	07 04	34 05	23 07	21 13	20 09	...	...	...	...	...	...
Sylhet	27 10	24 04	15 03	14 09	14 07	14 11	...	...	...	07 04	34 05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Yarwal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Misda																	
Karachi	29 15	05 14	17 11	11 10	09 17	05 15	05 24	06 15	03 14	06 10	10 17	10 25	18 28	09 22	07 19	09 32	08 33	09 23
Peshawar																		
Quetta																		

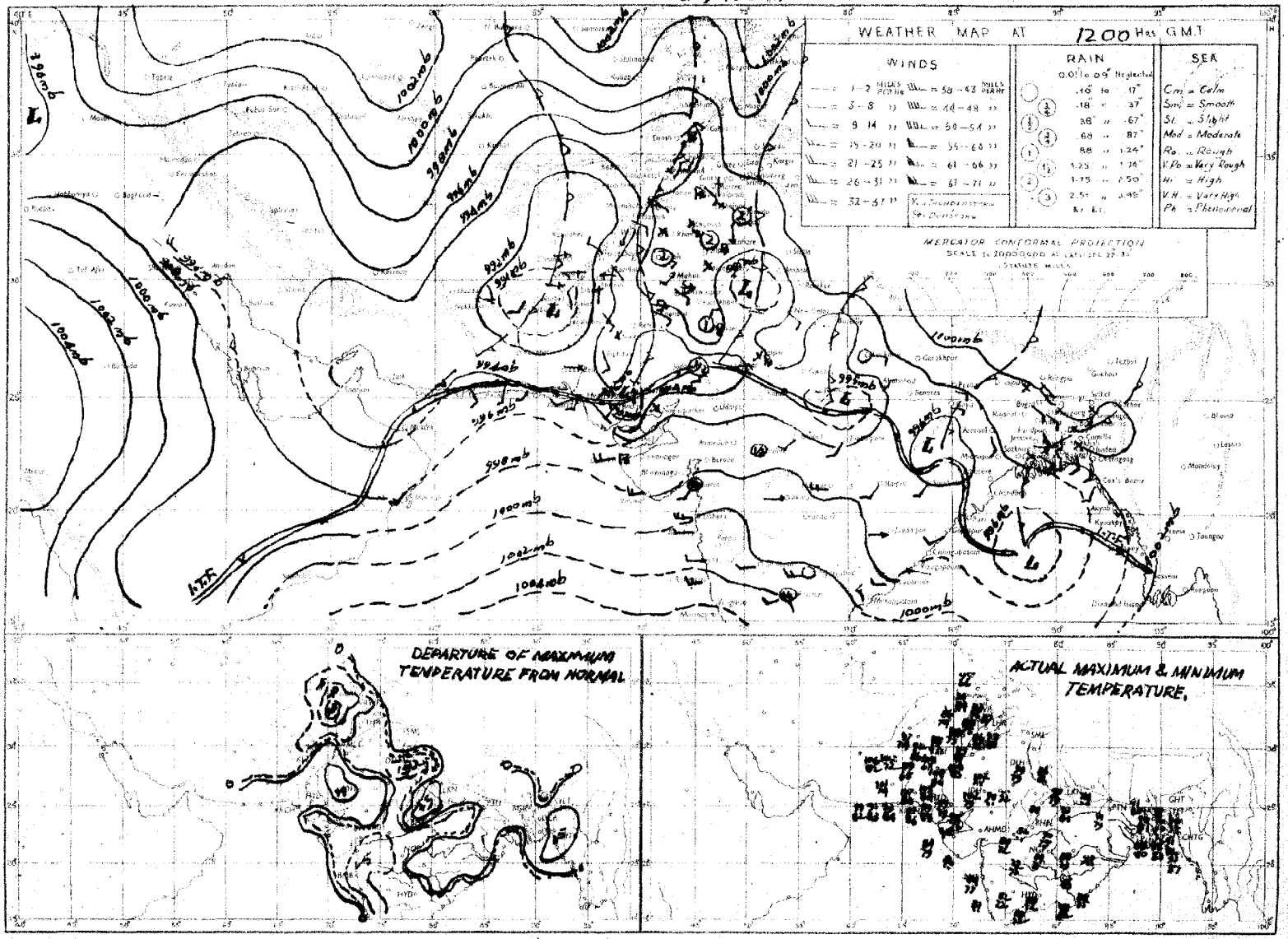
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted

Cloud observation Data (GGIli Cddv,v,etc.)

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

PAKISTAN DAILY WEATHER MAP

TUESDAY, 21st JULY, 1959.



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

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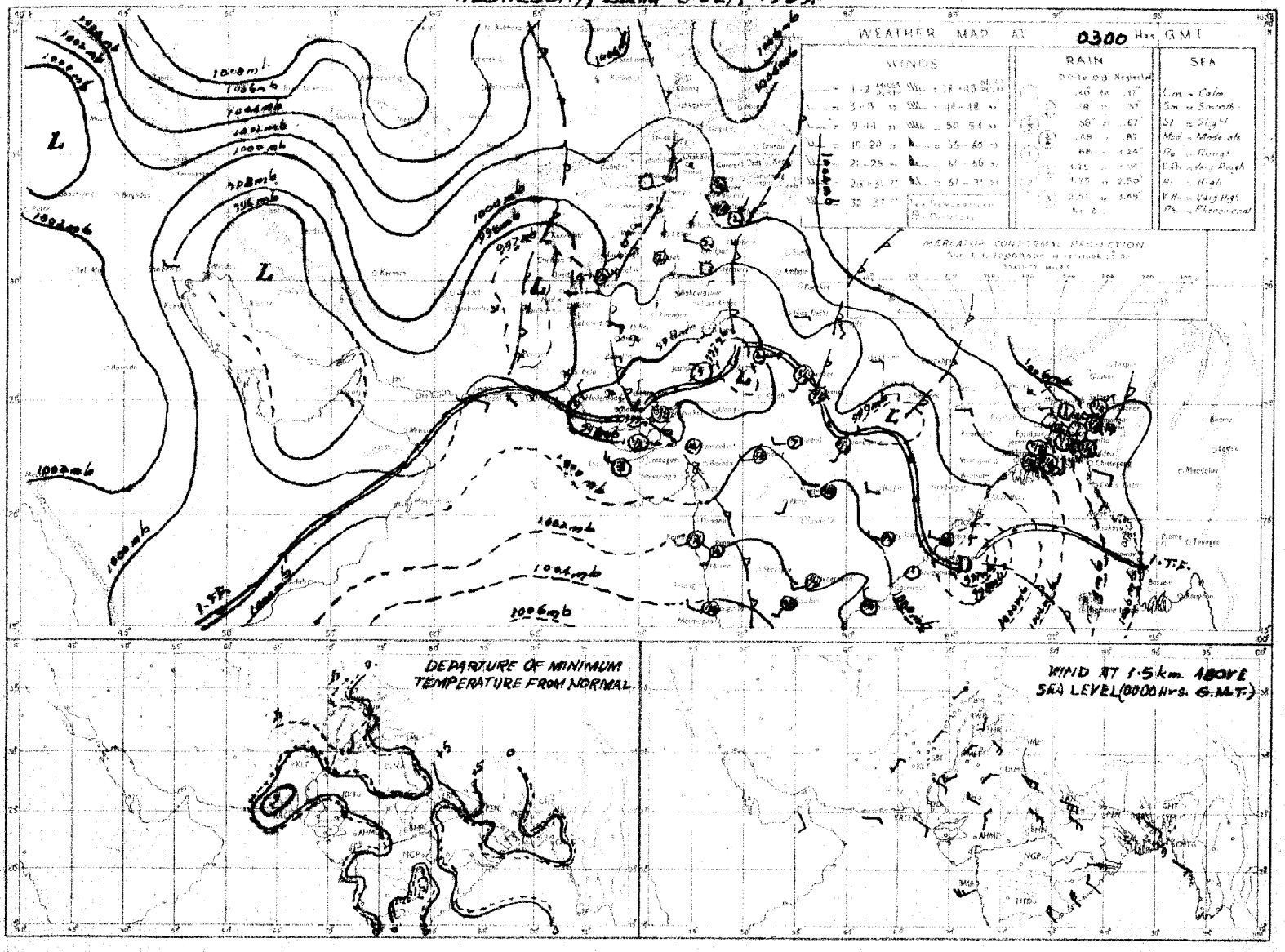
PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 22nd JULY, 1959.



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

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Volume No. 13

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 23rd JULY, 1959.

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

Observations from central India are meagre but believe yesterday's depression moved westnorthwestwards, crossed coast last night, weakened and now lies as a shallow depression over Madhya Pradesh. It is likely to continue move westnorthwestwards.

Scattered rain/thundershowers have occurred in Chittagong division and light rain in Dacca division.

The low over Hyderabad division is well marked.

The low pressure wave is now moving across east Kashmir while the other persists over Peshawar division.

Under their influence rain/thundershowers have been widespread in Lahore division, fairly widespread in Rawalpindi, Khairpur and Hyderabad divisions and the Federal Capital Area, local in Multan, Bahawalpur, Peshawar and Quetta divisions and scattered in D. I. Khan division. Locally moderate to heavy falls have been reported from Lahore and Rawalpindi divisions.

Chief amounts of rainfall are: Murree 3", Lahore 2", Jhelum and Bannu 1½" each, Khushab and Haripur 1" each, Sialkot and Loralai 3/4" each, Badin ½" and Srimangal, Kakul, Sibi, Harnai and Nagarparkar ½" each.

Day temperatures were 7—13 °F below normal in Peshawar, D. I. Khan, Lahore, Rawalpindi divisions, 3—5 °F so in Quetta, north Kalat, Khairpur and Bahawalpur divisions and were 3—5 °F above normal in Hyderabad and Chittagong divisions.

Forecast valid until the evening of 24th, July, 1959. Fairly widespread rain/thundershowers will occur in Lahore, Multan, Rawalpindi, Khairpur and Hyderabad divisions and Kashmir, local in East Pakistan and the Federal Capital Area and in Bahawalpur and Peshawar divisions and scattered in Quetta and D. I. Khan divisions.

Heavy Rainfall Warning: Locally moderate to heavy rain will fall in Lahore, Multan, Rawalpindi Khairpur and Hyderabad divisions and in Khshmir during next 24 hours.

Karachi-11
The 23rd July, 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at† Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility† VV (8)	Present weather† ww (9)	Past weather† W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form† CL (14)	Height of Lowest Cloud† h (15)	Medium Cloud form† CM (16)	High Cloud form† CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	5	16	09	96	02	1	026	84	1	0	8	5	8	75	91
	Chittagong	000	0	7	16	05	97	02	2	016	86	2	4	7	2	2	77	91
	Maijdee Court	000	9	4	19	09	98	02	2	015	87	3	0	9	1	2	75	90
	Comilla	000	0	5	00	00	96	03	0	026	88	5	4	5	0	0	80	90
	Brahmanbaria	000	0	5	23	02	97	01	1	019	88	2	4	5	7	0	80	90
	Sylhet	010	9	3	00	00	97	03	6	021	85	1	1	6	7	0	78	88
	Srimangal	005	8	4	00	00	96	03	6	023	87	3	3	5	3	0	79	89
Dacca	Mymensingh	006	8	3	00	00	99	01	6	026	86	0	0	9	0	4	77	89
	Narayanganj	000	9	6	16	03	95	03	2	015	87	1	5	4	3	1	77	89
	Dacca (Tezgaon)	003	9	4	18	07	98	21	6	010	85	3	3	5	4	0	76	87
	Faridpur	000	8	5	16	05	96	01	2	996	86	4	4	7	1	0	79	88
	Barisal	000	0	7	13	02	97	03	6	013	86	6	7	5	4	0	77	88
Rajshahi	Khulna	000	0	6	13	07	96	03	2	011	86	6	5	6	0	0	79	87
	Satkhira	000	0	0	09	01	96	02	0	005	85	0	0	9	0	0	79	88
	Jessore	000	0	4	18	05	97	02	2	009	85	4	4	6	0	0	78	88
	Sirajganj	000	0	1	16	03	98	01	1	000	85	1	1	4	0	0	78	89
	Bogra	000	0	4	13	03	96	02	2	015	81	2	4	5	3	0	80	88
	Dinajpur	000	0	0	00	00	96	[illegible]	0	015	88	0	0	9	0	0	80	91
	Rangpur	000	0	5	13	02	96	01	2	xxx	89	5	5	6	0	0	78	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	203	6	8	05	02	96	51	9	997	77	3	3	4	2	6	75	86
	Sialkot	093	8	7	23	02	99	01	6	004	79	8	4	6	x	x	78	79
Rawalpindi	Jhelum	156	6	7	00	00	98	01	6	003	84	5	8	7	7	0	67	85
	Rawalpindi	003	9	6	00	00	98	02	6	009	83	2	2	7	9	0	75	88
	Khushab	031	1	6	07	05	99	03	6	959	83	6	3	6	0	0	76	89
Multan	Lyallpur	016	2	5	13	05	96	03	5	988	85	5	0	9	2	0	77	91
	Montgomery	015	3	8	09	03	96	03	6	983	80	8	4	7	x	x	79	92
	Multan	000	4	6	05	24	94	31	6	960	93	2	9	6	0	2	74	96
Bahawalpur	Leiah	000	0	4	36	02	97	03	1	999	88	3	5	8	6	0	76	91
	Khanpur	000	0	6	34	09	96	03	5	941	88	4	4	8	2	0	81	01
	Bahawalpur	000	0	8	02	97	96	07	3	945	99	x	x	x	x	x	65	99
	Fort Abbas																	
Peshawar	Chakdara	003	9	5	00	00	98	03	5	966	88	5	0	8	6	0	78	92
	Peshawar	000	0	6	05	02	97	02	2	987	94	3	8	6	3	0	70	95
	Haripur	108	0	0	23	02	97	00	9	983	87	0	0	9	0	0	77	89
	Campbellpur	000	0	4	16	03	98	03	0	012	90	4	0	9	9	0	82	92
D. I. Khan	Bannu	100	1	6	31	02	99	01	9	988	xx	6	2	6	0	0	79	96
	D. I. Khan	000	4	0	05	02	98	02	0	973	94	0	0	9	0	0	79	94
Quetta	Sibi	000	9	4	18	02	98	03	1	940	98	4	0	9	2	0	74	99
Kalat	Nokkundi	000	0	0	31	02	99	02	0	904	06	0	0	9	0	0	32	09
	Turbat	000	0	3	23	03	96	03	0	941	04	3	0	9	6	0	80	07
	Jiwani	000	0	4	13	12	96	01	1	954	87	2	6	5	3	0	77	90
	Pasni	000	0	1	20	05	98	02	0	957	91	1	5	7	0	0	80	93
	Ormara	000	0	5	23	09	98	02	1	950	95	5	0	9	2	0	75	98
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	00	00	92	52	2	954	88	8	0	9	2	x	83	93
	Karachi (Air Port)	002	1	8	31	03	96	95	1	967	83	8	5	5	x	x	79	94
	Badin	000	0	0	00	00	97	00	0	959	91	0	0	9	0	8	80	96
	Nagarparker	000	0	4	00	00	98	02	1	928	96	0	0	9	0	7	78	98
	Umarkot	000	0	7	20	03	98	02	0	932	97	7	2	6	0	0	77	97
	Hyderabad	007	2	8	18	05	97	03	5	957	85	3	5	6	2	x	77	01
Khairpur	Pad-i-dan	000	8	1	05	10	96	01	1	937	01	1	1	6	0	0	74	01
	Nawabshah	839	2	7	00	00	96	02	6	950	85	5	8	6	4	0	79	00
	Sukkur	000	8	3	02	05	96	01	2	942	97	0	0	9	0	3	77	99
	Kashmore	000	0	0	05	17	99	00	0	xxx	08	0	0	9	3	0	86	xx
	Jacobabad	000	0	4	05	07	96	01	2	944	99	1	8	6	3	2	73	02
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu	000	0	2	00	00	98	02	2	004	75	0	0	9	0	2	25	76
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	278	9	8	13	02	95	03	6	449	64	8	9	3	x	x	63	69
Peshawar	Drosh	000	8	4	23	03	97	01	6	411	91	4	4	7	0	0	56	95
	Cherat	000	0	4	13	03	98	03	0	433	77	4	6	6	0	0	69	80
	Kakul	003	2	7	16	05	97	20	5	446	74	2	8	5	0	0	68	82
	Landi Kotal	000	0	5	02	02	98	02	2	433	84	2	2	7	9	0	67	87
	Parachinar	000	0	6	13	02	99	03	0	797	78	2	0	9	2	2	61	xx
D.I. Khan	Miranshah	000	0	6	05	02	98	02	1	438	90	4	2	8	2	0	81	91
	Wana	000	2	6	27	05	99	50	1	433	77	6	5	8	0	0	66	xx
	Fort Sandeman	000	0	3	02	05	97	03	0	415	92	3	0	9	7	0	57	90
Quetta	Hindubagh	000	9	6	07	02	96	03	0	362	89	5	0	9	4	4	71	90
	Loralai	004	4	5	13	05	98	02	6	454	85	5	0	9	2	0	64	86
	Harnai	000	0	6	09	02	96	02	0	xxx	xx	x	x	x	x	x	xx	xx
	Quetta	000	9	4	00	00	96	02	1	466	91	4	0	8	4	0	63	92
	Chaman	000	0	0	20	02	98	00	0	398	99	0	0	9	0	0	52	00
Kalat	Kalat	000	0	4	36	05	97	02	0	386	85	6	4	7	0	0	53	88
	Nushki	000	7	4	36	05	97	01	0	430	04	0	0	9	0	1	53	07
	Dalbandin	000	8	1	16	03	96	01	0	393	05	1	0	9	4	0	26	07
	Panjgur	000	0	0	31	02	98	00	0	419	00	0	0	9	0	0	30	02
Afghanistan	Kabul	000	8	0	32	02	99	00	0	482	86	0	0	9	0	0	67	86
	Kandahar																	

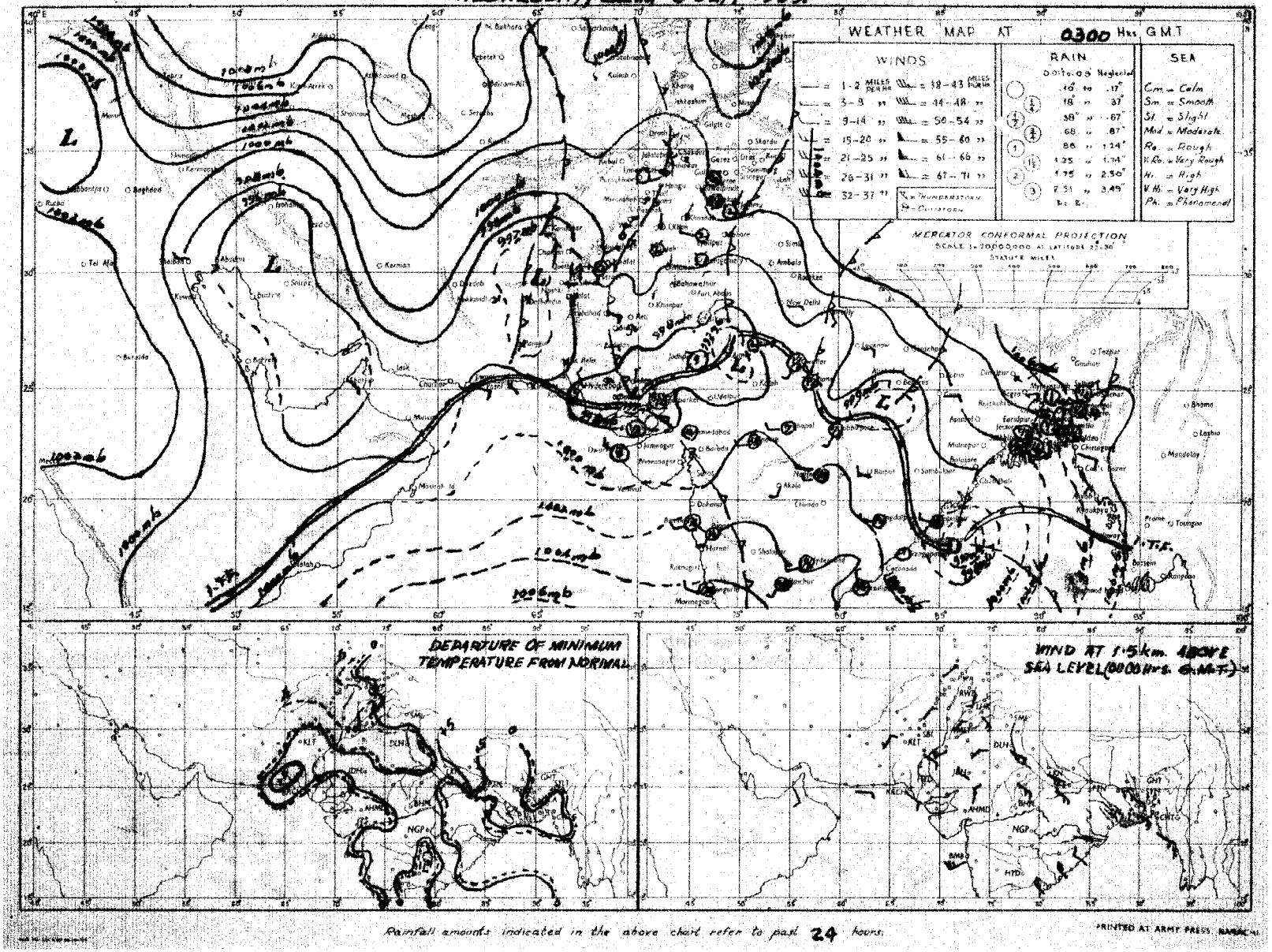
At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at† Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility† VV (25)	Present weather† ww (26)	Past Weather† W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud† Nh (30)	Low Cloud Form† CL (31)	Height of Lowest Cloud† h (32)	Medium Cloud form† CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	000	4	6	13	[illegible]	97	03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						140
	Chittagong	000	0	6	13	05	97	02	2	058	85	1	1	7	2	2	77	80	+ 5	+ 3	45.0	+ 7.5	77.0	100
	Maijdee Court	005	9	6	16	09	97	03	5	058	85	2	1	6	9	2	77	80	+ 4	+ 2	47.4	+ 0.8	79.2	113
	Comilla	000	0	8	00	00	97	02	2	062	83	8	4	5	x	x	77	80	+ 3	+ 3	23.4	— 5.8	50.9	94
	Brahmanbaria	000	0	7	23	03	97	03	0	067	86	2	5	5	2	0	77	79	—	—	25.1	+ 2.9	42.1	76
	Sylhet	016	4	8	09	05	96	61	9	075	78	5	5	5	2	x	77	75	—	—	78.4	—	128.4	—
	Srimangal	029	9	8	00	00	96	03	6	074	79	7	5	4	2	x	76	76	— 2	0	35.2	+ 2.9	69.0	98
Dacca	Mymensingh	006	0	8	13	02	98	02	5	066	84	8	7	5	x	x	78	77	+ 6	— 1	27.7	+ 1.7	49.8	91
	Narayanganj	000	9	8	13	05	95	03	2	055	87	8	7	5	x	x	79	82	+ 1	+ 3	23.9	+ 1.9	45.2	74
	Dacca (Tezgaon)	003	9	8	13	05	97	02	6	051	84	6	4	4	7	x	79	81	—	—	23.2	—	39.7	—
	Faridpur	000	9	7	16	02	96	03	0	039	85	4	5	7	1	0	79	79	0	0	18.3	— 3.3	46.5	71
	Barisal	000	0	6	18	03	97	02	2	041	86	6	0	9	4	0	79	82	+ 1	+ 3	35.5	+ 5.5	50.4	81
Rajshahi	Khulna	000	0	8	03	09	95	03	2	044	87	8	5	5	x	x	79	81	— 1	+ 3	27.2	+ 3.9	48.1	68
	Satkhira	000	0	6	00	00	95	03	1	038	87	6	6	8	0	0	80	80	0	+ 2	20.7	— 1.7	38.8	65
	Jessore	000	0	6	18	05	97	03	2	040	86	6	4	5	0	0	79	80	—	—	14.3	— 6.4	30.2	65
	Sirajganj	000	0	8	13	02	98	02	2	043	85	8	0	9	5	x	78	78	+ 1	— 1	16.0	— 4.8	41.1	64
	Bogra	000	0	7	09	03	96	31	2	053	85	3	6	4	7	0	79	81	— 1	+ 2	15.8	— 5.9	34.8	69
	Dinajpur	000	0	6	00	00	96	02	2	045	86	6	0	9	2	0	79	80	+ 1	+ 1	19.1	— 6.7	36.5	72
	Rangpur	000	0	8	09	02	96	03	2	xxx	84	8	5	6	x	x	79	80	0	+ 1	29.1	+ 8.8	50.0	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	217	9	8	13	05	96	62	6	010	81	7	7	4	2	x	79	77	— 13	— 2	5.1	— 0.5	8.9	19
	Sialkot	085	4	8	00	00	97	61	6	029	76	8	7	5	x	x	75	75	— 18	— 4	16.9	+ 8.5	22.8	32
Rawalpindi	Jhelum	158	2	8	00	00	94	63	6	034	78	3	7	5	2	x	76	77	—	—	8.4	—	24.2	—
	Rawalpindi	003	0	8	00	00	99	60	2	024	79	8	7	6	x	x	74	77	— 9	0	14.0	+ 6.1	27.0	36
	Khushab	095	0	7	09	05	96	60	3	040	78	7	3	6	0	0	77	75	— 13	— 7	10.9	+ 6.9	16.4	15
Multan	Lyallpur	016	1	7	29	02	95	51	5	017	78	7	7	8	0	0	75	78	— 10	— 4	4.4	+ 1.0	7.1	12
	Montgomery	015	0	4	00	00	96	01	6	003	82	4	2	7	0	0	79	79	— 11	— 4	0.2	— 2.5	2.5	10
	Multan	003	6	8	05	03	94	50	5	005	81	2	5	5	2	x	78	80	— 6	— 5	2.1	+ 0.3	4.2	7
Bahawalpur	Leiah	000	0	8	36	12	99	17	5	002	84	7	8	7	5	x	81	77	—	—	3.5	—	6.5	8
	Khanpur	004	0	7	02	09	95	01	5	981	86	7	2	8	0	0	77	80	3	— 3	0.2	— 1.5	1.1	6
	Bahawalpur	017	5	8	06	03	96	03	8	994	82	8	0	8	6	x	[illegible]	81	— 3	— 2	0.2	— 1.6	1.2	6
	Fort Abbas																							4
Peshawar	Chakdara	003	0	6	00	00	98	02	5	012	75	6	0	8	6	0	74	73	—	—	2.1	—	17.7	—
	Peshawar	000	0	6	13	02	98	01	2	016	87	2	5	7	3	0	73	80	— 6	0	2.1	+ 0.9	15.1	14
	Haripur	108	8	8	23	02	96	03	6	996	81	8	0	9	7	x	75	70	—	—	—	—		—
	Campbellpur	000	0	8	13	03	96	03	0	043	82	x	x	x	x	x	79	79	—	—	6.9	—	20.8	—
D. I. Khan	Bannu	120	0	7	00	00	99	02	6	012	82	7	0	9	7	0	69	75	—	—	8.1	—	15.1	11
	D. I. Khan	002	0	7	05	02	97	03	5	017	81	7	7	8	0	0	77	76	— 9	— 7	8.1	+ 6.9	11.8	10
Quetta	Sibi	028	0	0	27	02	98	00	6	974	83	0	0	9	0	0	74	70	—	—	1.7	—	2.0	5
Kalat	Nokkundi	000	0	0	13	02	98	02	0	959	88	0	0	9	0	0	33	81	—	—	0	—	1.1	2
	Turbat	000	0	0	27	02	95	00	0	983	87	0	0	9	0	0	79	xx	—	—	1.6	—	6.0	—
	Jiwani	000	0	3	07	07	96	01	2	987	85	3	5	5	0	0	76	82	—	—	0	—	5.6	4
	Pasni	000	0	4	23	02	98	00	0	982	85	4	0	9	5	0	79	83	+ 3	+ 5	0	— 0.6	2.5	6
	Ormara	000	0	5	27	03	98	02	1	980	88	5	2	6	0	0	80	84	—	—	0	— 0.4	1.9	6
	Las Bela																							8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	29	19	94	10	2	971	85	7	0	9	2	0	82	81	+ 7	0	5.7	+ 2.8	5.7	8
	Karachi (Air Port)	002	9	7	31	07	96	02	9	969	85	2	8	5	3	0	79	81	—	—	8.0	—	8.2	—
	Badin	070	9	9	23	02	95	80	6	970	83	9	x	0	x	x	80	80	+ 3	— 1	2.0	— 1.4	2.0	9
	Nagarparker	035	4	6	00	00	97	02	6	970	82	6	7	7	0	0	56	76	—	—	6.9	—	6.9	—
	Umarkot	065	0	8	23	02	98	02	6	958	80	8	4	5	x	x	79	77	—	—	3.6	—	4.7	—
	Hyderabad	010	9	8	00	00	96	50	6	964	84	3	5	6	2	x	80	81	+ 3	0	2.5	0	3.3	7
Khairpur	Pad-i-dan	015	9	8	02	07	96	61	1	973	83	4	7	4	2	x	80	83	—	—	3.6	—	3.9	—
	Nawabshah	...	—	—		—	—		—	—		—	—	—	—	—	—		—					—
	Sukkur	000	1	8	23	02	96	91	6	977	86	8	0	9	9	x	79	84	—	—	0.9	—	1.9	4
	Kashmore	000	0	0	18	14	99	00	0	xxx	94	0	0	9	0	0	78	75	—	—	0.2	—	1.2	—
	Jacobabad	001	3	7	05	03	96	02	5	990	85	4	5	6	7	0	76	82	— 5	— 2	3.7	+ 2.7	4.3	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
HILL STATIONS																								
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu	—	...	...	...	...		—	...	...	...	...	...	...	...	...	...	...	—					6
	Misgar																							—
	Aliabad																							5
	Gilgit																							59
Rawalpindi	Murree	284	9	8	09	03	95	03	6	457	64	8	9	2	x	x	60	61	— 4	+ 3	14.9	+ 9.1	47.1	18
Peshawar	Drosh	002	9	5	00	00	97	03	9	458	79	5	8	7	0	0	63	69	— 2	— 4	1.2	—	30.4	29
	Cherat	000	0	5	18	01	94	28	2	455	74	5	6	6	0	0	69	70	— 9	— 1	4.9	+ 0.7	15.0	—
	Kakul	021	9	7	16	03	99	03	6	456	72	7	8	7	6	0	64	67	—	—	16.6	—	35.4	—
	Landi Kotal	000	0	4	00	00	99	01	2	445	74	1	2	7	1	0	68	xx	—	—	2.5	—	17.5	29
	Parachinar	000	0	1	00	00	99	02	0	803	69	1	0	9	4	0	xx	xx	—	—	8.0	—	22.0	13
D.I. Khan	Miranshah	000	0	4	00	00	99	01	0	448	79	4	0	9	0	0	61	69	—	—	1.6	— 0.4	4.6	—
	Wana	000	0	5	23	02	99	20	2	443	72	5	5	8	0	0	66	69	—	—	3.4	—	12.4	11
	Fort Sandeman	000	0	7	02	03	97	03	0	446	72	7	5	6	0	0	67	72	— 7	— 2	1.7	— 0.3	10.5	—
Quetta	Hindubagh	000	2	3	00	00	98	01	0	402	75	0	0	9	0	1	52	74	—	—	1.8	—	9.1	—
	Loralai	075	0	4	00	00	98	02	6	438	70	4	0	9	2	0	67	64	—	—	4.7	—	10.5	14
	Harnai	020	0	3	27	01	[illegible]	00	6	xxx	xx	x	x	x	x	x	xx	xx	—	—	2.9	+ 0.3	7.2	8
	Quetta	000	9	7	23	02	95	02	2	413	75	7	0	8	4	0	65	71	—	—	2.6	+ 2.2	8.2	7
	Chaman	000	0	0	09	02	98	02	0	407	85	0	[illegible]	9	0	0	60	78	— 1	+ 3	0.1	— 0.1	6.2	9
Kalat	Kalat	000	0	8	05	09	97	03	2	433	72	8	7	7	x	x	61	65	— 3	+ 3	0.7	+ 0.1	5.9	—
	Nushki	000	9	7	07	02	97	03	2	460	89	0	0	9	0	9	68	82	—	—	0.4	—	2.2	5
	Dalbandin	000	9	6	00	00	96	02	0	407	86	0	0	9	0	1	42	77	— 2	+ 1	0.3	+ 0.2	2.3	4
	Panjgur	000	0	0	00	00	98	20	0	424	80	0	0	9	0	0	51	79	— 1	+ 3	0.2	—	1.9	12
Afghanistan	Kabul	000	0	0	00	00	99	00	0	448	73	0	0	9	0	0	55	64	—	—	—	—	—	—
	Kandahar																							

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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 22nd JULY, 1959



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

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PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 23rd JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_aL_aL_a$ GG	N dd ff	VV ... W	PPP TT	$N_hC_hh_bC_MC_H$	D,V. a PP	8 N_s C_h h_s	Q T, T, T_d T_d	Id.d.PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Lauderdale	...	569 06	8 25 17	97 02 2	988 77	55 4 5 x	16 01 3	...	0 14 73	1 25 32
Dwarka	...	635 06	6 16 05	98 02 0	983 64	65 6 00	65 20 8	...	0 51 62	1 21 49
Victoria	43 217	627 36	9 23 15	98 02 2	012 82	xx x xx	55 10 0	...	0 00 77	1 23 xx
Caltex Utrecht	43 110	750 18	8 26 17	97 02 8	066 83	85 5 xx	35 xx x	...	0 01 77	1 28 32

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTT$_d$T^{c}T$_d$	At surface and Standard Isobaric Levels: 1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb
			HHHTTT T^{d}T^{c}T$_d$							
1	3	3	4	5	6	7	8	9	10	11
Sibi ...										
Chittagong ...										
Dacca ...	00 00	..	Misda	...	..	...	..	..	...	..
Jiwani ...										
Karachi ...	00 00	994 285 265	...	...	425 215 195	...	219 112 102	409 055 032	883 516 562	629 618 628
Lahore ...	00 00	976 272 258	...	...	430 212 212	...	097 132 999	376 070 999	854 000 999	607 598 999
Multan ...										
Peshawar ...										
Quetta ...	00 00	...	Misda	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT T^{d}T^{c}T$_d$								Max. Height Reached PPPTTT T$_d$T$_d$T^d	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Sibi ...													
Chittagong ...													
Dacca ...	00 00	..	Misda	...	...		...	..	...	...		...	...
Jiwani ...													
Karachi ...	00 00	900 245 212	800 187 162	350 675 702	250 842 858	...	...	..	...	...	250 842 858	...	...
Lahore ...	00 00	250 770 999	...	...	...	...	...	..	...	...	250 770 999	...	...
Multan ...													
Peshawar ...													
Quetta ...	00 00	...	Misda	...	...	...	...	...	...	...	...	..	...

PPP—Pressure in hundreds tens and units of millibars.
TTT: $T_dT_dT_dD$ry Bulb:Dew Point temperatures (in tenths of(oC)
N_h:- Character of tropopause.

HHH, NHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in Kms. a.s.l.	At 1200 hrs. G.M.T. of Previous day (dd ff)									At 0000 hrs. G.M.T. of date (dd ff)						At 0600 hrs. G.M.T. of date (dd ff)									
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Sibi ...																										
Chaklala ...																										
Chhor ...	04 05	05 06	07 06	...	...	...	...	...	...	33 05	01 10	...	...	...	...	10 03	...	...	...	...	...	...	...	...	...	...
Chittagong ...	19 14	17 17	16 19	16 32	15 31	16 25	18 23	...	...	15 17	15 26	16 27	...	...	...	14 11	14 14	15 13	...	...	...	...	...	...	...	...
Cox's Bazar ...	16 19	16 19	16 42	16 49												15 12	15 12	...	...	...	...	...	...	...	...	...
Dacca ...	16 15	16 19	16 25	16 25	16 28	16 19	15 23	17 15	17 08	15 17	16 18	16 19	17 19	18 17	19 17	No	Ascent		18 07	20 06	23 05	07 05	11 09	14 14	14 10	22 09	15 02
Dalbandin ...	...	...	13 05	16 07	22 04	31 09	30 09	05 03	...	...	...	08 09	06 13	09 02	27 05	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	21 08	19 07	19 09	...	...	...	...	...	09 04	05 03	...	...	...	...	...	03 06	01 06	...	...	...	...	...
Tori Sandeman ...	...	...	...	02 08	01 06	01 08	32 06	26 08	23 06	...	...	...	03 07	02 10	...	...	...	...	02 09	...	...	...	...	...	...	...
Hyderabad ...	31 01	12 05	09 03	01 08	01 15	33 06	05 07	03 06	05 06	33 09	03 11	04 12	...	...	...	09 09	08 01	...	...	...	...	...	...	...	...	...
Jacobabad ...	14 15									14 19	14 26	15 25	...	...	...	14 26	14 21	14 20	...	...	...	...	...	...	...	...
Jhelum ...	11 02	10 08	11 12	10 09	13 18	...	...	...	...	No	Ascent		...	...	...	No	Ascent		...	...	...	...	...	...	...	...
Jiwani ...	14 12	12 11	13 07	08 07	...	...	...	...	...	14 04	xx xx	xx xx	13 07	04 02	05 01	12 03	20 06	20 06	20 03	...	...	...	...	...	...	...
Karachi ...	01 05	34 02	05 04							32 17	33 17	02 19	03 17	02 17	...	28 08	03 09	02 17	03 13	04 27	04 29	...	...	...	...	...
Khanpur ...	01 25	01 26	02 25	02 25	...	...	...	...	...	02 22	05 31	05 31	...	...	...	03 15	06 12	08 12	...	...	...	...	...	...	...	...
Lahore ...	No	Ascent								12 08	15 20	17 23	...	...	...	09 11	14 22	15 24	15 25	...	...	...	...	...	...	...
Mianwali ...	02 18	03 20	04 17	04 15	05 17	05 10	35 04	05 04	04 05	04 15	07 15	06 11	03 10	...	...	01 10	...	...	...	...	...	...	...	...	...	...
Mianwali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	No	09 16 Ascent	09 07	11 05	07 06	05 05	...	...	...	No	04 02 Ascent	04 01	08 07	05 08	09 04	No	11 12 Ascent	09 09	10 04	03 08	10 10	...	...	...	...	...	...
Sharjah ...																										
Sylhet ...	29 04	29 09	19 09	19 12	20 19	19 10	25 07	20 06	14 03	No	Ascent	...	...	...	...	08 08	05 05	...	...	...	...	...	...	...	...	...
Varsval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Misda																	
Karachi ...	28 25	35 21	02 20	03 09	04 17	04 18	03 27	04 23	04 16	12 09	09 14	09 19	08 29	07 36	06 39	99 00	...	...
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 "00" is omitted

Cloud observation Data (GGIii Cddv.v, etc.)

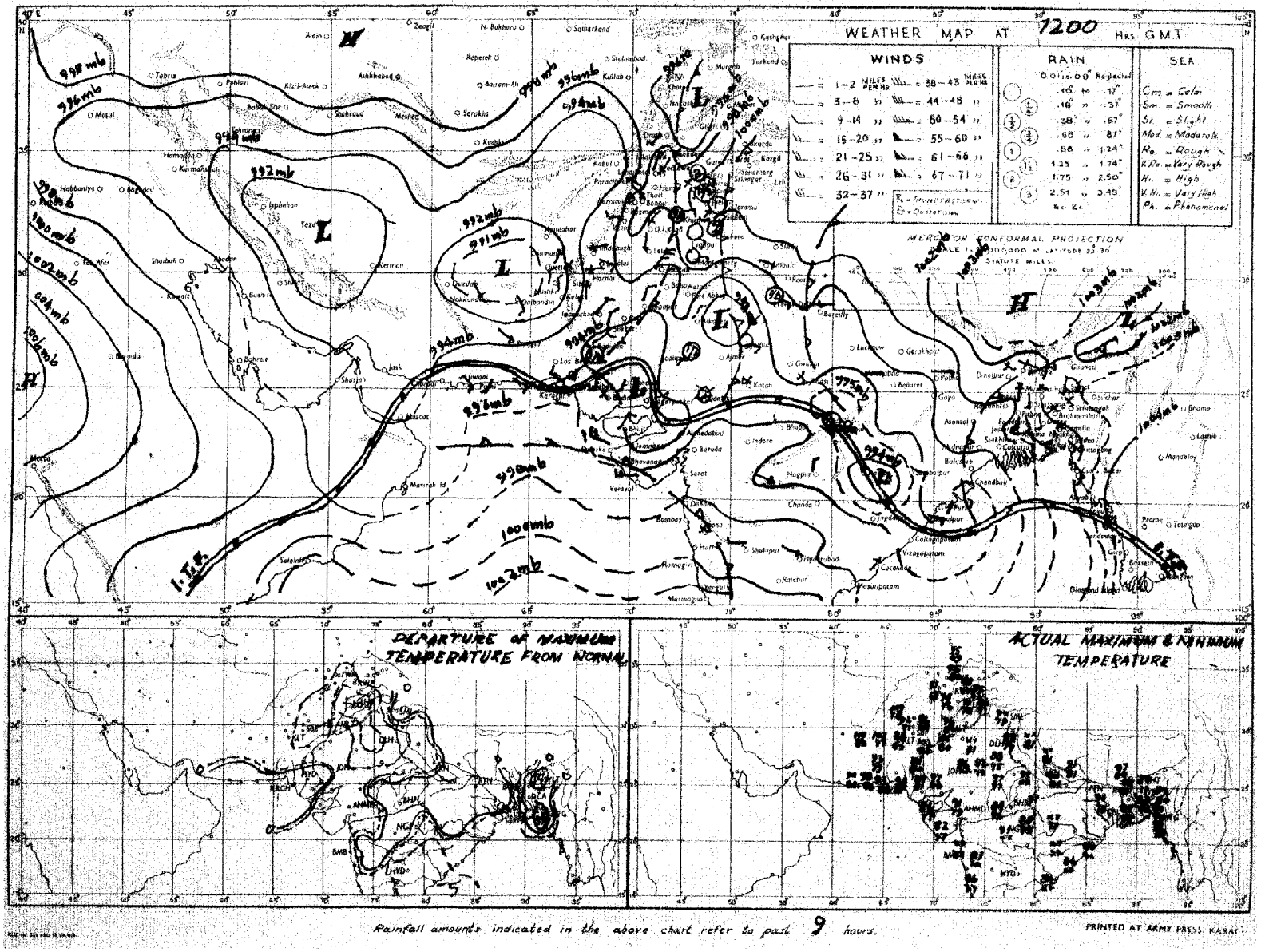
12 530 30 364

00 530 60 686

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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 22nd JULY 1959



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

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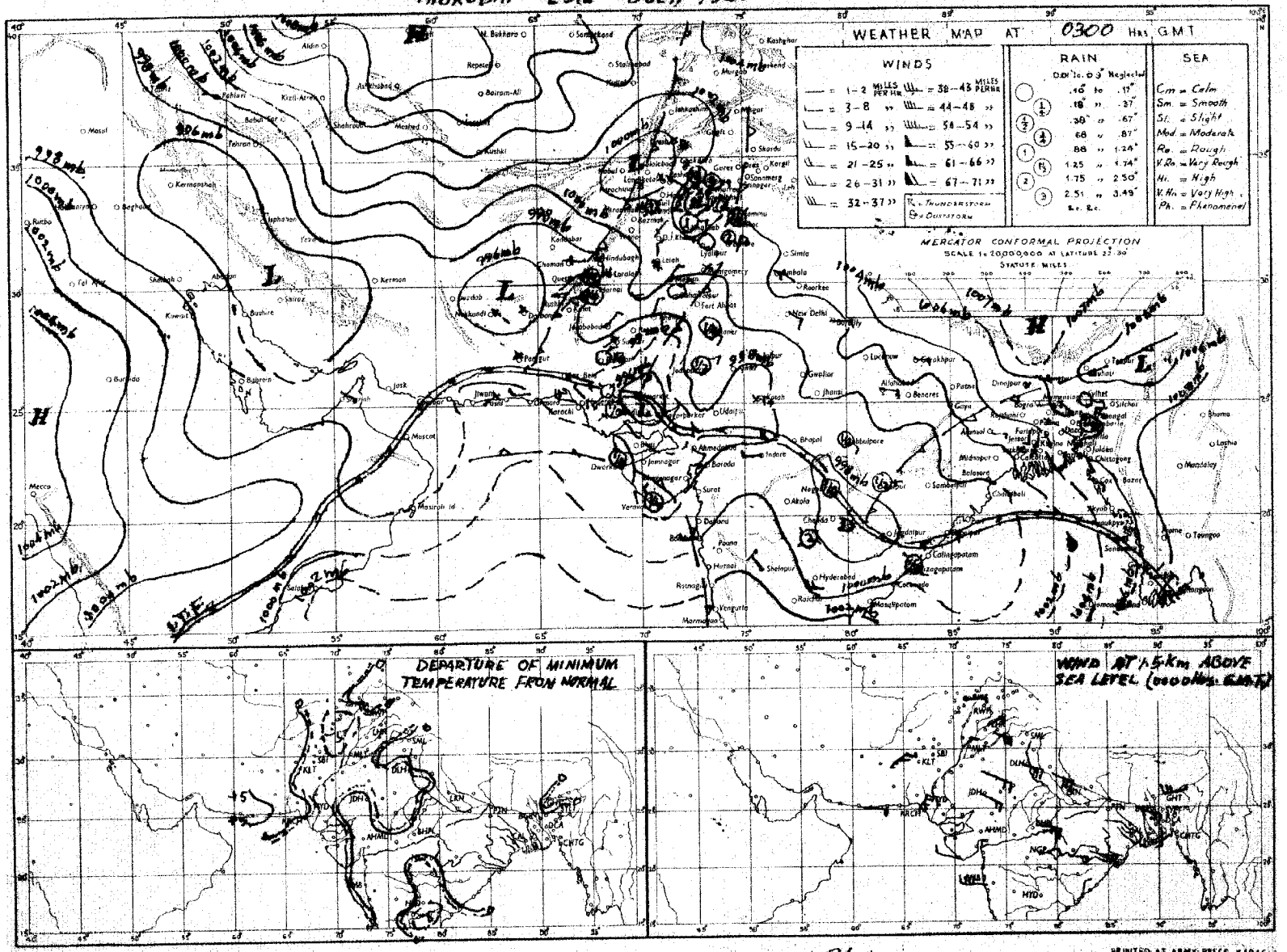
PAKISTAN DAILY WEATHER MAP

THURSDAY 23rd JULY, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

FRIDAY, THE 24th JULY, 1959.

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

Yesterday's shallow depression now lies as a low over Madhya Bharat and adjoining west Madhya Pradesh.

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

The low over Hyderabad division and neighbourhood persists with its associated trough extending to eastern sector of north Arabian Sea.

The low pressure wave over Peshawar division is moving away across Kashmir while a fresh low pressure wave is moving across north of Afghanistan.

They have caused widespread rain in Lahore and Multan divisions fairly widespread in Rawalpindi, D. I. Khan, Hyderabad and Khairpur divisions and the Federal Capital Area, local in Bahawalpur and Quetta divisions and scattered in north Kalat division. Light rain/drizzle is also reported from Peshawar and south Kalat divisions.

Chief amounts of rainfall are: Bahawalpur 3" Layalpur 2", Dacca, Bannu and Hyderabad 1" each, Faridpur, Sialkot, Jehlum, Montgomery, Parachinar, Miranshah and Badin 1" each, Rawalpindi and Murree 3/4" each; Barisal, Satkhira, Lahore, Multan, and Loralai ½" each and Cax's Bazar, Narayanganj, Khulna, Jessore, Sirajganj, Leiah, D. I. Khan, Sibi, Harnai, Karachi (Manora), Nagarparkar, Umerkot, Padidan and Nawabshah ¼" each.

Day temperatures were 8—12 °F below normal in Peshawar D. I. Khan, Multan, Lahore, Bahawalpur, Hyderabad, Quetta and Khairpur divisions.

Forecast valid until the evening of 25th, July, 1959. Rain/thundershowers will be fairly widespread in Peshawar, D. I. Khan Lahore, Rawalpindi, Khairpur and Hyderabad divisions, the Federal Capital Area, Kashmir and East Pakistan, be local in Quetta and Multan divisions and scattered in Kalat and Bahawalpur divisions.

Heavy Rainfall Warning: Locally moderate to heavy rain will fall in Rawalpindi, Lahore, Quetta, Khairpur and Hyderabad divisions and the Federal Capital Area during next 24 hours.

Karachi-11
The 24th July, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	Chittagong	002	4	7	16	09	97	02	6	041	82	5	4	5	2	0	75	89
	Maijdee Court	000	9	8	18	09	96	02	2	032	85	4	5	5	2	x	76	88
	Comilla	000	0	8	18	05	96	02	2	028	86	8	4	5	x	x	77	89
	Brahmanbaria	000	0	7	23	05	97	03	1	036	85	1	1	5	7	0	77	88
	Sylhet	003	6	7	00	00	97	02	6	034	82	2	5	6	7	0	79	83
	Srimangal	001	1	7	00	00	96	03	6	039	82	6	5	4	1	3	76	85
Dacca	Mymensingh	000	0	8	13	03	98	02	2	024	84	8	7	6	x	x	78	89
	Narayanganj	008	9	8	16	05	95	03	2	029	85	6	4	4	3	x	78	90
	Dacca (Tezgaon)	024	4	7	13	07	98	02	6	018	84	3	9	3	0	4	78	89
	Faridpur	067	6	5	16	02	96	01	6	987	80	5	4	7	0	0	79	88
	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahi	Khulna	027	1	4	18	03	96	01	6	019	81	4	4	7	0	0	78	87
	Satkhira	056	0	6	18	01	95	02	6	015	85	6	6	8	0	0	79	88
	Jessore	010	4	6	09	03	96	02	6	012	82	6	4	5	0	0	81	88
	Sirajganj	000	0	8	18	02	98	02	2	012	84	0	0	9	0	4	77	89
	Bogra	002	4	7	18	02	96	02	6	019	85	5	4	6	2	0	78	89
	Dinajpur	000	8	6	00	00	96	02	2	994	88	6	0	9	2	0	80	91
	Rangpur	000	0	5	13	02	96	01	2	xxx	87	2	5	6	2	0	79	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	028	8	8	00	00	96	95	9	008	78	4	9	7	2	x	76	82
	Sialkot	120	9	8	00	00	97	20	6	014	77	8	5	6	x	x	75	77
Rawalpindi	Jhelum	094	4	7	05	02	96	20	6	010	83	3	7	7	1	0	78	83
	Rawalpindi	081	8	5	13	02	98	01	6	021	83	1	2	7	8	0	74	84
	Khushab	000	4	7	05	02	99	02	1	020	82	7	3	6	0	0	78	83
Multan	Lyallpur	052	3	7	20	02	95	51	6	998	78	7	7	8	0	0	76	80
	Montgomery	000	6	8	00	00	96	02	0	998	81	8	4	7	x	x	78	89
	Multan	066	7	8	36	05	96	02	9	996	83	8	8	5	x	x	79	85
Bahawalpur	Leiah	037	4	8	00	00	96	91	5	993	86	7	6	6	8	x	81	87
	Khanpur	000	0	4	05	19	95	03	0	965	91	4	2	8	0	0	80	94
	Bahawalpur	260	0	7	00	08	96	08	6	988	85	1	4	8	5	3	79	92
	Fort Abbas	000	0	8	05	02	96	02	2	970	86	x	x	x	x	x	85	93
Peshawar	Chakdara	000	0	4	27	02	98	01	1	994	85	4	0	8	7	0	72	88
	Peshawar	008	4	7	31	07	98	03	6	020	83	2	1	5	3	0	76	93
	Haripur	000	5	8	23	02	96	03	2	012	80	8	5	6	x	x	72	81
	Campbellpur	000	9	6	13	04	97	03	1	937	89	6	0	9	4	0	82	90
D. I. Khan	Bannu	130	4	5	27	02	99	01	6	024	80	5	4	6	0	0	78	86
	D. I. Khan	025	6	8	05	02	97	21	5	011	80	8	8	8	x	x	77	86
Quetta	Sibi	035	5	8	27	02	97	02	6	976	74	8	7	7	x	x	76	00
Kalat	Nokkundi	000	0	0	36	02	98	02	0	898	08	0	0	9	0	0	45	11
	Turbat	000	0	0	27	05	95	00	0	998	09	0	0	9	0	0	65	19
	Jiwani	000	0	4	23	14	96	03	0	961	88	4	5	5	2	0	75	91
	Pasni	000	2	6	20	21	97	02	0	954	89	6	0	9	5	0	79	95
	Ormara	000	0	6	27	12	98	02	1	955	90	6	2	5	0	0	79	93
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	037	5	7	29	10	96	03	8	951	85	7	0	9	7	0	81	89
	Karachi (Air Port)	000	0	7	05	14	96	01	2	949	92	2	1	6	3	0	75	95
	Badin	095	9	8	23	02	94	02	6	955	87	8	9	6	x	x	83	88
	Nagarparkar	025	4	4	00	00	97	02	6	964	97	4	9	6	0	0	72	97
	Umerkot	023	8	7	16	03	98	02	6	945	93	7	2	6	0	0	78	93
	Hyderabad	134	1	8	00	00	97	02	6	951	83	4	6	5	2	x	82	87
Khairpur	Pad-i-dan	022	8	8	02	07	97	03	6	966	83	7	7	4	1	x	77	84
	Nawabshah	025	2	7	36	09	96	17	9	965	83	5	9	3	2	0	79	87
	Sukkur	016	8	8	31	01	96	03	6	956	83	8	0	9	9	x	80	91
	Kashmore	000	0	6	05	17	98	02	2	xxx	07	2	2	7	2	0	86	xx
	Jacobabad	000	0	6	09	12	96	02	1	968	96	4	8	5	2	0	73	98
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Alibad																	
	Gilgit																	
Rawalpindi	Murree	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Drosh	000	8	5	23	10	97	03	1	415	90	5	8	7	0	0	55	94
	Cherat	007	4	4	18	03	98	03	6	452	72	2	6	6	3	0	69	74
	Kakul	000	7	7	00	00	97	02	5	456	75	7	8	4	0	0	67	76
	Landi Kotal	000	7	4	13	02	99	03	6	440	80	2	2	7	9	0	67	83
D. I. Khan	Parachinar	002	3	8	09	03	99	63	0	796	67	8	0	9	8	x	64	xx
	Miranshah	100	3	6	00	00	98	25	6	451	73	4	2	8	4	0	70	88
	Wana	012	2	7	09	12	99	60	1	432	76	7	5	8		0	63	80
	Fort Sandeman	000	0	8	02	07	97	03	0	436	78	8	5	6	x	x	67	84
Quetta	Hindubagh	000	7	5	07	05	94	07	0	361	87	0	0	9	0	2	65	88
	Loralai	019	3	8	09	02	96	21	6	433	69	8	9	7	x	x	67	85
	Harnai	000	0	8	09	02	96	02	0	xxx	xx	x	x	x	x	x	xx	xx
	Quetta	006	0	5	18	02	96	02	5	425	87	5	0	8	0	0	70	88
	Chaman	000	0	0	02	02	98	00	0	391	99	0	0	9	0	0	59	00
Kalat	Kalat	000	0	5	05	10	98	01	2	376	82	0	0	9	0	1	61	86
	Nushki	000	9	7	07	13	95	05	2	436	99	7	7	5	0	0	71	05
	Dalbandin	000	0	5	31	03	97	03	1	392	07	2	1	7	0	1	41	08
	Panjgur	000	0	4	31	03	98	03	0	421	01	4	0	9	5	0	33	02
Afghanistan	Kabul	000	0	5	27	02	98	02	0	462	84	5	3	8	0	0	44	88
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	[illegible]	[illegible]	8	[illegible]	[illegible]	[illegible]	02	[illegible]	069	80	1	4	5	3	2	77	75	+ 4	— 3	57.6	+ 0.1	73.4	140
Chittagong	004	7	8	11	11	97	03	6	068	81	4	5	4	2	x	77	75	+ 3	— 2	45.1	+ 6.6	77.1	108
Maijdee Court	010	6	8	13	05	97	21	2	071	80	2	1	7	2	x	75	77	+ 2	— 1	47.5	+10.2	79.3	115
Comilla	000	0	8	00	00	97	50	2	067	80	8	4	5	x	x	76	76	+ 2	— 1	23.4	— 6.4	50.9	94
Brahmanbaria	000	0	8	18	02	97	03	1	060	83	2	5	5	2	x	79	78	—	—	25.1	+ 2.6	51.0	76
Sylhet	005	6	8	00	00	97	61	6	063	80	5	5	5	2	x	78	78	—	—	78.4	—	128.4	—
Srimangal	006	9	7	09	02	96	03	6	066	82	6	4	4	4	0	75	77	— 7	+ 1	35.4	+ 5.8	49.3	98
Mymensingh	007	9	8	11	02	97	02	6	056	80	8	7	6	x	x	77	77	+ 1	— 1	27.7	— 2.1	49.8	91
Narayanganj	036	3	8	16	07	95	03	6	051	82	8	7	4	x	x	78	79	+ 2	0	24.6	+ 2.1	45.6	74
Dacca (Tezgaon)	143	9	8	20	03	97	21	6	048	80	4	4	4	2	x	79	76	—	—	24.6	—	41.1	—
Faridpur	115	9	8	18	02	96	20	6	039	80	4	5	7	1	x	77	76	0	— 3	19.4	— 2.3	47.6	71
Barisal	045	4	8	00	00	97	03	6	057	80	8	7	6	x	x	77	77		— 2	36.0	+ 8.4	50.9	84
Khulna	027	0	8	18	03	96	02	2	045	80	8	5	6	x	x	79	78	— 1	0	27.5	+ 3.7	40.3	68
Satkhira	056	0	8	00	00	95	51	2	042	81	8	6	8	x	x	77	79	0	+ 1	21.3	+ 0.2	39.3	65
Jessore	020	9	8	13	05	97	03	6	045	82	8	4	5	x	x	79	79	—	—	14.8	— 6.7	30.4	65
Sirajganj	021	3	8	18	03	98	02	5	032	81	8	4	5	x	x	79	78	+ 1	— 1	16.2	— 5.9	41.3	64
Bogra	010	1	8	13	02	96	51	6	043	79	6	6	4	2	x	77	79	0	0	15.9	— 6.2	34.9	69
Dinajpur	000	3	8	00	00	96	02	2	046	85	8	4	7	x	x	78	80	+ 1	+ 1	19.1	— 6.6	36.5	72
Rangpur	000	0	7	13	05	96	01	2	xxx	85	7	5	6	0	0	79	80	+ 1	+ 1	29.1	— 1.6	50.0	84
Jammu																							—
Lahore (Jail Rd.)	044	9	7	00	00	96	20	9	014	79	1	5	7	7	0	77	76	— 17	— 3	5.5	— 0.3	9.4	19
Sialkot	120		6	00	00	99	01	2	012	81	3	4	6	3	0	78	75	— 20	— 4	18.1	+ 9.4	24.0	32
Jhelum	094	9	6	00	00	98	01	6	007	83	1	1	7	5	0	77	77	—	—	9.3	—	25.1	—
Rawalpindi	081	0	6	00	00	99	03	2	999	82	6	0	9	3	0	74	74	— 7	— 3	14.8	+ 6.6	27.9	36
Khushab	000	0	4	00	00	99	02	1	010	82	4	3	6	0	0	78	77	— 19	— 5	10.9	+ 2.3	16.4	15
Lyallpur	193	9	8	00	00	95	52	9	012	77	8	7	8	x	x	76	77	— 21	— 5	6.3	— 2.1	9.0	12
Montgomery	094	0	6	00	00	96	01	6	005	78	6	3	7	0	0	77	78	— 14	— 5	1.2	— 1.6	3.5	10
Multan	066	0	6	31	03	97	02	1	007	83	2	5	6	3	1	77	80	— 17	— 5	2.7	+ 0.8	4.8	7
Leiah	037	0	6	00	00	98	01	9	004	84	6	0	8	4	0	83	78	—		2.9	—	4.8	8
Khanpur	009	0	4	02	05	95	05	5	984	84	4	1	8	0	0	78	81	8	— 2	0.3	1.5	1.2	6
Bahawalpur	260	0	4	23	03	97	03	1	004	83	0	0	9	0	8	62	80	— 10	— 3	2.8	+ 0.8	3.8	6
Fort Abbas	000	0	5	02	09	98	03	1	999	82	2	3	7	3	0	81	79	—	—	3.3	—	3.7	4
Chakdara	000	0	0	00	00	99	00	0	000	80	0	0	9	0	0	70	71	—	—	2.1	—	17.7	—
Peshawar	008	0	4	00	00	98	03	1	xxx	xx	4	0	9	3	0	71	77	— 8	— 3	2.2	+ 0.9	15.3	14
Haripur	000	3	4	23	04	97	03	2	992	83	4	0	9	6	0	71	73	—	—	7.5	—	18.4	—
Campbellpur	000	0	4	00	00	98	01	1	021	83	4	0	9	9	0	77	77	—	—	6.9	—	20.8	—
Bannu	13	0	3	00	00	99	01	0	005	82	3	0	9	4	0	75	77	—	—	9.4	—	16.4	11
D. I. Khan	02	3	2	00	00	98	01	1	004	87	0	0	9	0	2	77	77	— 17	— 6	8.3	+ 6.1	12.1	10
Sibi	035	3	4	31	02	98	01	1	997	85	4	0	9	3	0	76	71	—	—	2.1	—	2.4	5
Nokkundi	000	0	0	00	00	98	02	0	968	89	0	0	9	0		68	86	—	—	0	—	1.1	2
Turbat	000	0	6	27	02	95	02	3	994	86	6	0	9	6	0	79	xx	—	—	1.6	—	6.0	—
Jiwani	000	0	8	11	02	96	03	2	982	84	6	6	4	5	x	75	83	—	—	0	—	5.6	4
Pasni	000	0	8	23	03	95	05	0	982	85	8	5	7	x	x	78	84	+ 5	+ 6	0	— 0.6	2.5	6
Ormara	005	2	7	00	00	98	02	5	983	85	7	2	4	0	0	81	81	—	—	0.1	— 0.6	2.0	6
Las Bela																							8
Karachi (Manora)	037	9	6	09	10	96	03	8	973	84	5	0	9	6	9	78	82	+ 3	+ 1	6.0	+ 3.0	6.0	8
Karachi (Air Port)	011	7	6	05	03	96	03	6	973	85	4	5	5	3	0	79	81	—	—	8.1	—	8.3	—
Badin	120	6	1	00	00	96	01	6	978	83	0	0	9	0	1	79	80	— 5	— 1	3.2	— 0.4	3.2	9
Nagarparkar	025	0	6	00	00	97	02	2	967	91	6	7	7	0	0	76	78	—	—	6.9	—	6.9	—
Umerkot	023	0	7	09	03	98	02	6	971	85	7	5	6	0	0	80	79	—	—	4.2	—	4.9	—
Hyderabad	151	9	6	00	00	97	01	6	982	84	3	5	6	0	8	82	8[illegible]	— 11	— 1	4.0	+ 1.4	4.8	7
Pad-i-dan	022	9	7	05	07	98	03	1	990	83	3	6	4	7	0	78	79	—	—	3.9	—	4.1	—
Nawabshah	025	0	8	36	07	96	03	2	995	84	6	6	4	2	x	81	80	—	—	2.6	—	3.3	—
Sukkur	016	0	8	00	00	96	03	2	991	85	8	0	9	7	x	78	80	—	—	1.0	—	2.0	4
Kashmore	000	0	6	05	12	98	02	2	xxx	93	2	2	7	2	0	76	85	—	—	0.2	+	1.2	—
Jacobabad	001	7	5	13	02	97	02	6	999	86	3	8	6	2	8	77	82	— 9	— 2	3.7	+ 2.7	5.4	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Alibad																							
Gilgit																							5
Murree	082	9	4	13	02	98	01	6	444	69	4	0	9	0	0	58	59		+ 1	15.7	+ 2.5	47.9	59
Drosh	000	9	5	00	00	97	03	2	454	77	3	2	7	0	0	64	71	— 3	2	1.2	—	30.4	18
Cherat	007	0	8	34	03	99	02	0	447	73	x	x	x	x	x	65	67	— 15	— 4	5.0	+ 0.7	15.0	29
Kakul	001	9	2	16	02	99	01	5	446	76	1	1	7	3	0	65	69	—	—	16.6	—	35.4	—
Landi Kotal	000	0	2	00	00	99	01	0	438	77	2	0	9	3	0	68	xx	—	—	2.5	—	17.5	—
Parachinar	102	0	3	09	01	99	02	6	803	66	0	0	9	0	1	63	xx	—	—	9.0	—	23.0	29
Miranshah	100	0	4	00	00	98	02	0	434	75	4	0	8	4	0	79	60	—	—	2.6	—	5.6	13
Wana	012	0	3	00	00	99	10	6	453	72	3	0	9	6	0	67	68	—	—	3.5	—	12.5	—
Fort Sandeman	000	0	2	36	03	97	03	0	456	85	2	0	9	4	0	63	70	— 13	— 4	1.7	— 0.4	10.5	11
Hindubagh	000	2	4	13	02	97	01		403	71	0	0	9	0	1	57	71	—	—	1.0	—	9.1	—
Loralai	075	0	3	00	00	98	02	6	432	72	0	0	9	0	3	69	65	—	—	5.3	—	11.1	—
Harnai	018	0	4	27	01	°8	02	6	xxx	xx	x	x	x	x	x	xx	xx	—	—	3.1	+ 0.3	7.4	14
Quetta	006	9	5	18	02	96	01	2	418	73	5	0	8	4	0	66	69	—	—	2.7	+ 2.2	8.3	8
Chaman	000	3	4	13	02	97	01	1	396	85	4	0	9	6	0	60	78	— 1	+ 3	0.1	+ 0.1	4.2	7
Kalat	017	0	4	00	CO	97	02	6	435	70	4	4	7	0	0	64	65	— 5	+ 3	0.9	+ 0.2	6.1	9
Nushki	000	9	7	07	13	98	01	9	460	89	6	0	9	3	1	73	85	—	—	0.4	—	2.2	—
Dalbandin	000	9	7	27	05	94	06	1	418	89	7	0	9	7	0	62	89	— 1	—	0.3	+ 0.2	2.3	5
Panjgur	000	0		23	02	98	33	5	429	82	8	0	9	6	x	52	79	— 1	+ 3	0.2	—	1.9	4
Kabul	000	0		36	02	99	02	2	304	69	4	2	8	0	0	59	64	—	—	—	—	—	12
Kandahar																							—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 24th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_oL_o$	$L_aL_oL_o$ GG	N dd ff	VV — W	PPP TT	$N_hC_hhC_mC_H$	D,V. a PP	8 N_s C_h h_s	O T, T_s T_d	Id.d.PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Alfred Fraissinet	53 266	561 09	8 21 13	98 01 1	956 98	00 9 83	36 70 4		0 00 85	1 07 21
Alfred Fraissinet	53 251	642 72	8 23 03	99 03 1	939 82	00 5 XX	36 70 5		0 24 79	1 04 24
Alfred Fraissinet	53 261	568 12	2 26 14	98 01 0	944 83	20 6 68	36 21 2		0 03 81	1 18 22
Alfred Fraissinet	53 253	573 15	2 21 14	98 02 0	950 90	00 9 89	36 20 6		0 02 81	1 11 23
Delfis	53 254	519 15	6 02 10	98 03 2	955 91	00 9 88	16 45 8		0 04 81	1 02 20
Delfis	53 257	527 18	2 05 08	98 03 1	970 98	20 9 70	36 21 4		0 00 83	1 08 18
[illegible]	53 213	655 18	8 24 23	97 03 1	927 78	30 7 66	27 90 5			1 04 23
[illegible]	53 166	626 19	5 35 30	97 91 8	XXXXX	00 9 55	XX XX X		0 25 79	
Alfred Fraissinet	53 249	578 18	8 32 15	98 04 0	964 88	00 9 88	36 20 4		0 51 84	1 14 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdT'T'd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 m
			HHHTTT T'T'T'd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
[illegible]														
[illegible]	00 00	—	Missde	—	—		—	—	—	—	—	—	—	—
[illegible]	00 00	994 278 262	013 XXX XXX	—	370 205 999	—	025 130 999	202 055 999	768 525 999	507 022 999	965 758	208 968	433 115	674 290
[illegible]	00 00	977 260 230		—	485 188 122	—	132 122 035	406 060 999	—	—	—	—	—	—
[illegible]														
[illegible]	00 00	—	Missde	—	—	—	—	—	—	—	—	—	—	—

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT T'T'T'd									Max. Height Reached PPPTTT $T_oT_aT'_a$	TROPOPAUSE St. HHHH TT	TROPOPAUSE H.HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
[illegible]													
[illegible]	00 00	—	Missde	—	—	—	—	—	—	—	—	—	—
[illegible]	00 00	—	—	—	—	—	—	—	—	—	—	—	—
[illegible]	00 00	578 040 999	—	—	—	—	—	—	—	—	100 290 999 578 040 999	—	—
[illegible]													
[illegible]	00 00	—	Missde	—	—	—	—	—	—	—	—	—	—

PPP—Pressure in hundreds tens and units of millibars.
TTT, $T'_dT'_dT'_d$—Dry Bulb/Dew Point temperatures (in tenths of°C)
N_h—Character of Precipitation.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in oC.
88 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in Kms. a.s.l.	At 1200 hrs. G.M.T. of Previous day (dd ff): 0.2	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bagra	16 13	16 19	17 27	17 25	17 17	19 12				16 13	17 14	17 14				No	Ascent									
Chaklala		20 02	09 02	09 13	12 18	13 20	06 19				09 01	12 03		15 05	09 05	11 04	10 04		16 04	16 02	10 07	07 03	33 06	24 12		
Chhor	14 08	14 06	13 08							07 05	16 04	10 06				07 03	08 08	08 06	10 12	10 12						
Chittagong	17 31	18 40	18 53							17 16	17 23	19 17	18 21	18 21	19 17	19 14	19 19	20 21								
Cox's Bazar	No	Ascent								17 22	18 25	18 23				16 12	17 11	19 11	14 13							
Dacca	16 19	17 24	17 26	17 23	17 21	17 19	12 06	03 05	05 07	20 11	20 13	21 13	20 13			18 12	20 17	20 18	19 19							
Dalhandia			14 05	11 03	14 02	03 07	09 05	17 03	08 03			17 11	18 17	19 07				25 01	25 04	34 07	01 14					
D. I. Khan																										
Drosh				21 15	27 05	32 04							23 04	21 02	23 05					04 04	02 11	02 07	34 11	30 09		
Fort Sandeman			04 14	06 10	04 11	04 06							03 05	01 06					03 04	02 05	05 05	11 03	22 09	21 14	23 11	
Jacobabad	09 15	08 13	06 14							08 04	07 10	06 18	07 16			17 02	08 09	05 12	06 10	08 08	13 03	14 09	16 10	16 15		
Jessore	18 15	16 23	18 28							17 15	19 19	20 18	20 13	19 12	18 11	16 15	16 17	18 18								
Jhelum	05 09	11 07	13 10	14 13	15 15					32 04	06 03	09 03	11 02	25 05	24 04	17 01	24 01	21 02	10 01	11 01	20 03					
Jiwani										17 03	16 03					18 02	19 05	20 04	01 03							
Karachi	01 17	01 23	02 24	02 33	01 24	01 23	06 10	09 06	12 15	05 22	05 18	08 15	08 22			04 14	06 12	09 14	09 19	09 17	09 17					
Khanpur	01 37	02 33	03 34	04 28	05 29					02 28	04 33	03 27				05 08	07 10	07 12	08 10	08 10	09 11					
Lahore	No	Ascent								29 11	06 03	08 10	11 30			11 03	21 06	20 07	17 04	04 06	36 03					
Multan	02 14	03 13	04 12	04 09	05 07	11 01				03 10	04 10	07 04	27 01	28 03		04 03	06 04									
Muscat																										
Panjgur																										
Peshawar		34 10	04 09	13 06	14 09	11 15											05 01	25 04	33 05	03 03	08 02					
Quetta	No	Ascent								No	Ascent					No	Ascent									
Sharjah																										
Sylhet	01 03	12 01	21 09	21 20	21 19	22 15				19 10	20 12	22 10	22 13			15 03	19 10	17 11								
Veraval																										

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.6	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Missde 03 18	06 17	08 15	08 16	09 20	09 14	09 18	09 20	10 20	14 37	13 30	11 36	11 33	08 37	08 47	08 46	—	—
Karachi																		
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 "0" is omitted.

Cloud observation Data (GGiii Cddv.v. etc.)

PAKISTAN DAILY WEATHER MAP

THURSDAY, 23rd JULY, 1959.

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

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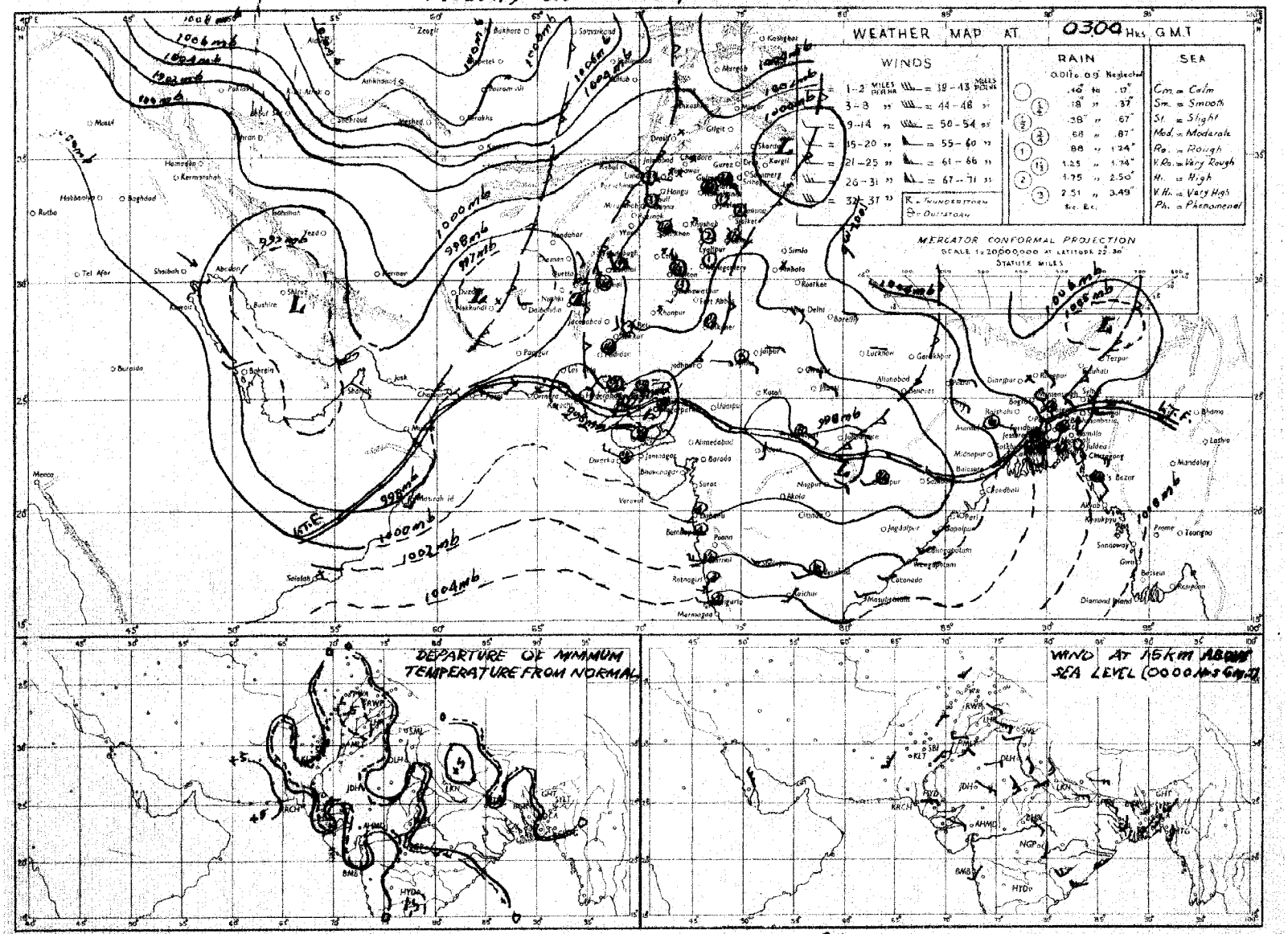
PAKISTAN DAILY WEATHER MAP

FRIDAY, 24th JULY, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

SATURDAY THE 25th JULY. 1959.

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

Ships Observations from north Arabian Sea lacking but believe yesterdays low over Hyderabad division moved westwards and now lies over eastern sector of north Arabian Sea. It is likely to move in a westerly direction.

The low pressure wave over Afghanistan is now moving across Rawalpindi division and adjoining Areas.

A fresh low pressure wave is moving across north of Afghanistan.

They have caused local thunderstorms/showers in Khairpur division and scattered in Multan, Bahawalpur, north Kalat and Hyderabad divisions and the Federal Capital Area. A few duststorms have also been reported from South Kalat division and light rain from Peshawar division.

The low over Madhya Bharat and adjoining West Madhya Pradesh persists.

Seasonal trough of low extends into northwest angle of the Bay of Bengal.

Rain fall has been widespread in East Pakistan.

Chief amounts of rainfall are: Sylhet 4", Maijdee Court 2", Sirajganj 1½", Cox's Bazar 1", Narayanganj and Bogra 3/4" each, Barisal, Kalat, Badin and Khulna ½" each and Brahmanbaria, Srimangal, Dacca, Jessore and Dinajpur ¼" each.

Day temperatures were 5—10 °F above normal in Coastal Kalat and lower Hyderabad divisions and the Federal Capital Area and 3—9 °F below normal elsewhere over west Pakistan.

Forecast valid until the evening of 26th, July, 1959. Fairly widespread rain/thundershowers will occur in East Pakistan and in Rawalpindi, Khairpur and Hyderabad divisions, Federal Capital Area and Kashmir, local in Lahore, Multan and D. I. Khan and scattered elsewhere over West Pakistan.

Karachi-11
The 25th July, 1959.

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

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day (columns 1–19)

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)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	5	1	05	96	03	1	042	82	3	2	5	0	4	76	86
	Chittagong	000	0	8	xx	xx	97	02	2	035	82	3	4	5	2		76	85
	Maijdee Court	000	9	8	18	09	96	02	2	029	83	2	5	5	4	2	77	94
	Comilla	000	0	8	00	03	96	02	2	035	83	8	4	5	x	x	76	86
	Brahmanbaria	000	0	5	18	05	97	03	1	022	84	4	4	5	0	8	77	86
	Sylhet	047	4	7	00	00	96	02	6	029	79	3	5	5	7	0	76	84
	Srimangal	029	7	7	00	00	96	03	9	xxx	80	5	3		2	0	78	89
Dacca	Mymensingh	005	0	6	00	00	97	21	2	014	82	8	6	3	x	x	79	78
	Narayanganj	027	7	8	16	05	95	03	6	020	82	2	1	5	7	x	75	86
	Dacca (Tezgaon)	017	9	7	18	07	98	21	6	014	81	3	3	5	4		75	87
	Faridpur	002	9	6	18	03	97	03	5	013	82	3	5	7	1	0	76	86
	Barisal	028	4	6	18	02	97	03	6	023	82	6	0	8	4	0	78	85
Rajshahi	Khulna	000	0	8	18	02	95	03	2	015	82	x	x	8	x		75	88
	Satkhira	000	0	8	18	02	95	03	2	015	82	x	x	8	x		75	88
	Jessore	000	8	7	09	05	96	03	2	013	83	4	4	5	6	0	79	87
	Sirajganj	000	0	8	18	03	98	02	2	990	85	8	0	9	5	0	84	88
	Bogra	079	8	7	13	03	96	02	6	016	84	5	4	6	1	0	78	87
	Dinajpur	000	8	6	00	00	96	02	2	002	84	0	0	9	2		78	89
	Rangpur	000	0	7	13	02	96	03	2	xxx	85	7	5	6	x		80	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	7	4	00	00	96	01	5	985	91	1	1	7	0	6	78	92
	Sialkot	000	0	1	00	00	99	02	0	960	92	1	2	6	x	x	81	93
Rawalpindi	Jhelum	000	0	2	00	00	98	02	0	969	94	1	1	8	3	0	76	95
	Rawalpindi	000	0	2	00	00	99	01	0	967	92	2	2	7	0	0	75	94
	Khushab	000	0	3	00	00	99	01	1	994	93	0	0	9	0	5	81	93
Multan	Lyallpur	000	0	8	00	00	95	17	9	977	90	8	3	9	0	0	81	94
	Montgomery	000	0	0	00	00	96	00	0	966	93	0	0	9	0	0	82	94
	Multan	000	0	6	09	02	98	02	1	978	97	2	1	6	0	2	77	97
Bahawalpur	Leiah	000	0	8	00	00	99	02	2	999	90	6	4	9	2	0	85	91
	Khanpur	000	0	3	36	13	96	05	9	961	98	3	2	9	1	9	80	99
	Bahawalpur	000	0	6	31	07	96	03	2	966	02	0	0	8	0	0	72	02
	Fort Abbas	000	0	6	02	07	98	03	2	963	96	0	3	6	0	0	87	98
Peshawar	Chakdara	000	0	0	00	00	98	00	0	932	93	0	0	9	0	0	84	94
	Peshawar	000	0	3	30	07	98	02	1	953	98	1	2	6	3	0	66	00
	Haripur	000	0	2	23	02	97	02	1	996	88	2	5	6	0	0	85	93
	Campbellpur	000	0	1	13	03	98	01	0	978	95	1	1	9	0	0	80	96
D. I. Khan	Bannu	000	0	0	18	01	99	00	0	961	94	0	0	9	0	0	72	96
	D. I. Khan	000	6	0	00	00	98	00	0	967	94	0	0	9	0	0	77	95
Quetta	Sibi	000	9	4	13	02	98	03	1	966	99	0	2	9	0	0	73	00
Kalat	Nokkundi	000	6	6	34	02	97	03	2	918	05	0	0	9	2	0	55	08
	Turbat	000	0	0	27	02	96	00	0	962	03	0	0	9	0	0	77	04
	Jiwani																	
	Pasni	000	0	5	20	10	97	00	0	964	95	5	0	9	7	0	80	95
	Ormara	000	0	5	27	15	98	02	1	962	92	5	2	6	0	0	79	95
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	3	8	09	14	93	51	8	950	90	5	7	4	2	0	86	96
	Karachi (Air Port)	000	7	7	04	14	96	25	6	952	91	4	5	4	3	0	81	97
	Badin	000	6	6	36	02	95	60	6	975	92	0	6	7	0	0	83	00
	Nagarparker	000	0	6	23	02	98	02	1	957	96	4	7	7	0	0	78	98
	Umerkot	000	0	7	36	09	98	00	0	947	91	7	2	6	0	0	77	97
	Hyderabad	000	3	8	36	03	97	02	5	955	88	3	5	6	2	0	83	93
Khairpur	Pad-i-dan	012	5	8	00	00	98	01	9	967	85	3	3	6	1	x	81	91
	Nawabshah	003	3	8	36	03	96	02	9	970	85	3	2	5	2	x	80	88
	Sukkur	000	8	6	08	02	96	03	2	961	92	6	0	9	9	2	81	97
	Kashmore	000	0	4	05	12	99	02	2	xxx	xx	2	2	9	x	x	84	xx
	Jacobabad	000	0	6	09	03	97	02	2	965	01	4	2	5	0	2	74	02
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kawait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	3	5	27	03	98	02	1	423	69	5	5	2	0	0	65	73
Peshawar	Drosh	000	4	4	23	10	97	01	2	392	93	4	2	7	0	0	54	95
	Cherat	000	0	1	23	03	99	01	0	424	86	1	2	6	0	0	74	86
	Kakul	006	1	3	13	03	98	21	6	421	80	3	2	6	0	0	70	84
	Landi Kotal	000	0	1	13	02	99	01	0	417	90	0	0	9	3	0	63	91
D.I. Khan	Parachinar	000	0	3	16	02	99	00	0	796	81	0	0	9	3	0	64	xx
	Miramshah	000	0	2	00	00	99	00	0	417	88	0	0	9	2	0	66	99
	Wana	000	0	4	18	03	99	00	3	403	84	4	2	8	0	0	66	86
	Fort Sandeman	000	0	2	36	03	98	03	0	405	90	2	2	6	0	0	63	93
Quetta	Hindubagh	000	9	4	31	02	97	01	0	382	79	0	0	9	0	1	57	79
	Loralai	000	0	5	23	02	98	02	1	443	86	0	0	9	0	3	67	86
	Harnai	000	0	8	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	7	23	02	97	02	0	423	84	0	0	8	1	0	67	88
	Chaman	000	7	8	16	01	97	02	2	411	97	8	4	7	0	0	58	99
Kalat	Kalat	032	1	8	36	05	96	62	5	422	65	8	7	4	0	0	63	84
	Nushki	001	2	8	07	13	97	50	3	433	81	8	7	5	C	0	73	05
	Dalbandin	000	8	7	27	03	95	05	2	405	00	3	5	8	4	0	57	01
	Panjgur	000	0	6	23	02	98	03	1	427	91	0	0	9	6	0	64	94
Afghanistan	Kabul	000	2	6	32	01	97	21	2	441	85	6	4	8	0	0	62	90
	Kandahar																	

At 0300 Hrs. G.M.T. of date (columns 20–36); Departure from Normal of (37–38); Rainfall (39–41); Annual normal (42)

Stations (2)	RRR (20)	Wt (21)	N (22)	dd (23)	ff (24)	VV (25)	ww (26)	W (27)	PPP (28)	TT (29)	Nh (30)	CL (31)	h (32)	CM (33)	CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	095	9	8	16	02		61	6	072	76	7		2	1	x	76	75	+ 1	— 1	58.5	— 0.4	74.41	140
Chittagong	014	9	8	11	11	97	60	6	063	77	5	4	4	2	1	75	76	— 1	— 1	45.2	+ 5.8	77.2	109
Maijdee Court	185	6	8	18	02	96	02	6	055	78	1	6	2	1	x	77	75	+ 8	— 3	49.3	+ 1.2	81.2	115
Comilla	040	4	7	00	00	97	03	6	059	81	7	4	5	0	0	77	76	— 1	— 1	23.8	— 6.6	51.3	94
Brahmanbaria	026	0	7	13	02	97	03	1	054	81	2	5	5	2	0	78	75	—	—	25.3	+ 2.5	51.3	76
Sylhet	377	9	8	09	05	96	63	6	058	77	6	7	4	2	1	76	79	—	—	82.2	—	130.2	—
Srimangal	035	7	8	00	00	96	03	6	060	86	7	3	4	4	1	76	76	— 2	0	35.7	+ 5.7	69.6	98
Mymensingh	007	9	8	13	02	98	02	6	056	80	8	7	4	1	1	76	76	+ 4	— 2	27.9	— 2.7	49.9	91
Narayanganj	084	9	8	16	05	95	03	6	047	82	4	7	4	2	1	77	76	— 2	— 3	25.4	+ 2.5	64.4	74
Dacca (Tezgaon)	022	9	8	13	05	97	02	6	042	81	5	6	3	2	1	78	77	—	—	24.8	—	41.3	—
Faridpur	002	9	8	16	02	97	03	0	041	82	6	5	7	1	0	79	76	— 2	— 3	19.5	— 3.0	47.7	71
Barisal	043	9	8	09	02	97	61	8	046	80	8	7	6	1	1	79	76	— 2	— 3	36.4	+ 8.3	51.3	81
Khulna	048	0	7	18	03	96	01	2	040	82	7	5	6	0	0	77	77	0	— 1	28.0	+ 3.8	48.8	68
Satkhira	015	0	8	18	01	95	03	2	033	85	6	6	8	3	0	78	79	0	0	21.4	+ 1.8	39.5	65
Jessore	020	‹	8	18	05	96	03	6	035	84	8	4	5	1	1	80	78	—	—	14.7	— 7.0	30.6	65
Sirajganj	127	6	8	18	02	97	50	5	024	78	8	7	5	0	0	78	76	0	3	16.5	— 5.0	43.5	64
Bogra	083	5	8	13	03	96	02	6	038	81	6	7	4	2	0	77	79	— 2	0	16.7	— 6.9	35.7	69
Dinajpur	022	3	8	00	00	96	02	2	027	81	8	4	7	0	0	78	79	— 1	0	19.4	— 1.9	36.7	72
Rangpur	010	0	8	13	02	96	03	2	111	80	8	5	6	1	1	79	79	— 2	0	29.3	—	50.1	84
	010	8	8	18	62	96	20	5	xxx	79	8	5	5	x	x	78	xx						
Jammu																							—
Lahore (Jail Rd)	000	9	6	09	02	96	03	1	001	82	3	9	4	3	0	78	79	— 7	0	5.5	+ 0.5	9.4	19
Sialkot	000	1	6	00	00	98	03	1	998	81	6	7	6	x	x	77	78	— 4	— 1	18.1	+ 9.1	24.0	32
Jhelum	000	0	5	13	02	96	03	0	994	85	4	4	7	3	0	79	81	—	—	9.3	—	35.1	—
Rawalpindi	000	0	8	19	02	98	03	2	892	85	8	6	5	6	0	79	80	— 3	+ 3	14.8	+ 4.3	27.9	36
Khushab	000	0	1	00	00	99	02	1	988	89	1	2	0	0	0	84	81	— 9	— 1	10.9	+ 6.6	16.4	15
Lyallpur	000	0	0	00	00	96	10	9	996	86	0	0	9	0	0	80	77	— 7	— 3	6.3	+ 2.8	9.0	12
Montgomery	000	0	0	00	00	96	00	0	980	87	0	0	9	0	0	83	78	+ 9	+ 3	1.2	— 1.7	3.5	18
Multan	000	0	4	00	00	98	01	1	978	89	1	1	6	0	2	82	83	— 5	— 2	2.7	+ 0.2	4.8	7
Leiah	000	0	5	05	03	99	03	1	977	86	1	4	7	3	0	83	79	—	—	2.9	—	4.8	8
Khanpur	000	0	2	02	03	56	03	0	973	90	1	1	9	0	1	80	84	5	+ 1	0.3	— 1.6	1.2	6
Bahawalpur	000	0	6	00	00	96	13	0	977	93	6	0	9	0	2	83	83	0	0	2.8	+ 0.8	3.8	6
Fort Abbas	000	0	8	13	02	98	00	0	968	99	0	0	9	0	0	78	86	—	—	—	—	—	4
Chakdara	000	0	8	00	00	98	02	2	976	80	0	0	8	6	0	73	75	—	—	2.1	—	17.7	—
Peshawar	000	0	0	00	00	98	02	1	985	86	1	1	6	3	0	78	81	— 1	+ 1	2.2	+ 0.9	15.2	14
Haripur	000	3	5	23	02	97	03	2	971	86	3	0	9	7	0	70	xx	—	—	7.5	—	18.4	—
Campbellpur	000	0	1	13	02	98	02	0	003	86	1	1	9	0	0	82	81	—	—	6.9	—	20.8	—
Bannu	000	0	4	36	01	99	01	1	982	84	4	0	9	5	0	79	81	—	—	9.3	—	16.4	11
D. I. Khan	000	0	0	05	02	98	00	0	979	90	0	0	9	0	0	81	82	— 8	— 1	8.3	+ 6.0	12.1	10
Sibi	000	0	0	00	00	99	00	0	976	89	0	0	9	0	0	31	78	—	—	2.1	—	2.4	3
Nokkundi	000	0	3	09	03	95	03	3	962	93	0	0	9	0	0	48	89	—	—	0	—	1.1	2
Turbat	000	0	3	27	02	95	03	3	994	81	0	0	9	6	1	77	xx	—	—	1.6	—	6.0	—
Jiwani	000	0	5	23	03	96	02	2	988	85	2	5	5	4	0	79	84	—	—	0	—	5.6	4
Pasni	000	0	7	27	09	97	10	0	984	87	7	0	9	5	0	78	84	—	—	0	— 0.6	2.5	6
Ormara	000	0	4	27	03	98	02	1	983	89	4	2	7	0	0	79	83	+ 5	+ 6	0.1	— 0.6	2.0	6
Las Bela																							8
Karachi (Manora)	000	0	6	00	00	94	10	2	985	86	0	0	9	4	2	83	83	+ 10	+ 2	6.0	+ 2.9	6.0	8
Karachi (Air Port)	000	0	7	00	00	96	02	2	985	87	1	1	6	3	4	83	83	—	—	8.1	—	8.3	—
Badin	050	6	4	23	02	96	01	0	100	83	0	0	9	4	0	80	80	+ 7	— 1	3.7	0	3.7	9
Nagarparker	000	0	4	00	00	96	02	1	988	89	4	6	7	0	0	78	76	—	—	6.9	—	6.8	—
Umerkot	000	0	6	00	00	98	00	0	970	85	2	2	6	0	2	82	83	—	—	4.2	—	4.9	—
Hyderabad	006	9	6	00	00	97	03	5	990	85	3	5	6	0	8	82	83	— 5	+ 2	4.1	+ 0.3	4.8	7
Pad-i-dan	012	9	5	00	00	98	03	1	984	87	2	2	6	0	4	82	81	—	—	4.0	—	4.3	—
Nawabshah	004	9	7	00	00	98	03	2	991	95	2	2	5	3	0	81	82	—	—	3.6	—	3.3	—
Sukkur	000	9	4	00	00	96	03	1	975	91	0	0	9	0	4	81	84	—	—	1.8	—	2.8	4
Kashmore																		—	—				—
Jacobabad	000	0	2	00	00	96	03	0	979	93	0	0	9	0	1	88	90	— 5	+ 6	3.7	+ 2.6	5.4	4
Veraval																							30
Jalalabad																							—
Muscat																							4
Kawait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																							
Gilgit																							5
Murree	000	2	8	00	00	95	03	4	438	65	8	5	2	y	x	63	82	0	+ 4	15.7	+ 2.1	47.9	59
Drosh	000	0	4	00	00	98	03	0	426	82	4	2	7	0	0	64	75	— 2	+ 2	1.2	—	30.4	19
Cherat																		— 3					29
Kakul	006	9	6	13	02	97	03	1	435	76	6	2	5	0	0	71	72	—	—	16.6	—	33.4	—
Landi Kotal	000	0	5	05	05	99	02	2	421	81	0	0	9	3	9	72	xx	—	—	2.5	—	17.5	—
Parachinar	000	0	5	11	02	99	00	0	796	70	0	0	9	1	0	66	xx	—	—	9.0	—	23.0	29
Miramshah	000	0	0	00	00	99	00	0	428	79	0	0	9	0	0	72	70	—	—	2.6	+ 0.5	5.6	13
Wana	000	0	0	00	00	99	00	0	423	79	0	0	9	0	0	69	71	—	—	3.5	—	12.5	—
Fort Sandeman	000	0	0	00	00	98	02	0	436	82	0	0	9	0	0	66	75	— 4	+ 1	1.7	— 0.5	10.5	11
Hindubagh	000	0	0	00	00	98	00	0	399	77	0	0	9	0	0	67	77	—	—	1.0	—	9.1	—
Loralai	000	0	2	09	02	98	02	1	437	74	0	0	9	0	3	71	68	—	—	5.3	—	11.1	—
Harnai	000	0	2	27	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	3.1	+ 0.2	7.4	14
Quetta	000	0	0	24	02	98	00	0	417	76	0	0	8	0	0	63	75	—	—				8
Chaman	000	0	0	34	01	98	00	0	431	86	0	0	9	0	0	63	69	— 2	0	2.8	+ 2.3	8.4	7
Kalat	010	0	0	00	00	98	01	1	404	68	0	0	9	0	1	65	63	— 7	+ 2	1.0	+ 0.3	6.2	9
Nushki	001	9	6	07	09	98	01	5	438	88	0	0	8	3	0	68	79	—	—	0.4	—	2.2	—
Dalbandin	000	9		23	02	97	03	2	420	89	7	0	9	5	0	63	86	— 8	+ 10	0.3	+ 0.2	2.3	5
Panjgur	000	0		23	02	98	03	1	435	82	0	0	9	0	2	54	80	0	+ 4	0.2	—	1.9	4
Kabul	000	0		36	02	99	02	4	470	71	3	2	8	0	0	58	64	—	—	—	—	—	12
Kandahar			9																				

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 25th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch_s h_s	O $T_sT_sT_dT_d$	$I_dd_wd_wPH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Amra	63 201	647 00	8 23 13	97 02 2	984 81	87 4 xx	56 40 0	...	0 54 77	1 23 24
Alfred	63 225	600 06	8 21 20	97 02 2	972 82	47 5 70	46 20 3	...	0 56 75	1 21 22
Dalila	63 265	564 06	0 09 08	97 02 0	973 95	00 9 00	26 20 9	...	0 06 84	1 09 21
Muthram	63 241	609 08	8 16 02	98 02 2	985 84	64 4 2x	33 11 3	...	0 53 75	1 16 20
Dalila	63 258	570 09	1 14 13	97 02 0	972 93	80 9 04	36 40 0	...	0 00 90	1 14 21
Alfred	63 218	598 09	8 14 22	97 02 2	968 79	47 5 7x	45 71 0	...	0 05 72	1 14 22
British	63 230	596 12	8 13 08	97 03 2	961 87	81 5 xx	35 72 0	...	0 52 79	1 23 53
Alfred	63 211	594 12	9 15 17	97 02 2	954 77	57 3 7x	55 30 8	...	0 02 73	1 15 x2
Billiton	63 252	578 12	6 15 06	98 03 0	967 88	11 5 45	36 61 2	...	0 52 77	1 15 20
Dalila	43 2?6	582 15	5 14 08	97 03 1	960 90	00 6 45	36 20 [illegible]	...	0 53 82	1 14 x0
Alfred	63 206	591 15	8 20 16	97 02 2	962 77	47 3 70	45 20 8	...	0 02 73	1 20 22
Alfred	63 199	587 18	8 23 20	97 02 2	968 75	37 3 7x	45 20 6	...	0 09 70	1 21 23

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			At surface and Standard Isobaric Levels: HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	...													
Chittagong	...													
Dacca	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...	...
Jiwani	...													
Karachi	00 00	995 292 278	523 xxx xxx	...	380 232 999	...	060 135 999	336 050 999	702 515 999	444 622 999	958 760	277 978	921 118	...
Lahore	00 00	975 268 255	511 999 999	...	422 235 208	...	081 130 999	349 025 999	794 575 999		...	...	...	...
Multan	...													
Peshawar	...													
Quetta	00 00	825 228 158	000 23x xxx	...	...	...	101 128 115	...	844 522 999	589 602 999	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	...												
Chittagong	...												
Dacca	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...
Jiwani	...												
Karachi	00 00	...	...	...	...	...	...	...	...	...	150 118 999	...	...
Lahore	00 00	...	...	...			...	...	...	...	794 575 999	...	...
Multan	...												
Peshawar	...												
Quetta	00 00	800 195 168	765 172 162	715 143 118	531 000 999	...	...	...	...	...	531 000 999	...	...

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

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

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff) — columns 2–10; At 0000 hrs. G.M.T. † of date dd ff — columns 11–16

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
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra	16 16	16 17	16 14	17 10	...		...	...	...	17 15					...
Chaklala									...		12 04	20 04	24 03	25 02	...
Chhor	02 10	02 08	02 08	04 09	06 12	06 11	...		...	07 07	10 03	10 02			...
Chittagong	19 27	19 25	19 18	...	...	...	...	...	...	16 21	16 27	17 27	18 26	18 17	...
Cox's Bazar	No	Ascent			...	...	...	...	...	18 15	18 13	20 16		...	...
Dacca	18 21	19 26	19 22	20 17			...	...	...	18 14	18 16	19 16	20 17		...
Dalbandin	...	...	28 12	25 16	28 14	31 27	32 28	...	...	...	...	22 04	28 06	25 07	31 12
D. I. Khan	...	...	...					...	...	...	...	...			
Drosh	...	...	...		21 10	18 06	...	...	...	...	...	...	23 01	22 04	22 08
Fort Sandeman	...	...	...	04 05	02 04	05 04	03 03	35 04	30 09	...	...		36 01	18 03	36 10
Jacobabad	08 05	09 02			...	...	...	...	...	No	Ascent				
Jessore	17 15	17 25	18 27	19 26					...	17 15	19 16	19 15	20 15	20 11	16 08
Jhelum	22 03	18 03	15 22	09 01	25 01	21 01	23 01	34 07	...	19 06	19 16	19 15	47 11	22 03	30 11
Jiwani	23 04	20 08	23 06				...			25 08	23 07	13 04	10 08	10 12	07 25
Karachi	07 17	07 12			...					07 02	07 09	08 07	10 06	09 12	08 17
Khanpur	01 11	03 10	06 07	08 05	09 07	11 08	11 11	07 09	05 12	04 06	06 18	05 13	07 06	06 03	20 04
Lahore	06 04	04 02	10 03	08 01	30 02	32 03	26 12	30 12	29 13	12 07	17 12	18 04	28 04	28 08	33 08
Multan	01 05	01 05	01 04	28 01	18 01	35 04	01 04	...	...	06 04	13 03	26 04	23 06		...
Muscat	...	...	...	...	...	...	...	...	...	...	...		...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...				
Peshawar		...	...			...	...	...		...	29 04	21 05	17 06	15 05	32 08
Quetta	No	Ascent	...	...	...	...	...	...				...	...	10 04	34 10
Sharjah	...	...	...				...	...	...			...	...	...	...
Sylhet	21 04	23 11	22 14	22 17	20 17	20 09	...	...	...	17 09	19 15	20 15	...	...	...
Veraval	...	...			...	...	...	...	...	...	...		...	...	...

At 0600 hrs. G.M.T. † of date (dd ff) — columns 17–27

Height in Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	14 10	...	...	...	...	...	...	...	...	...	...
Chaklala	...	...	...	...	...	...	...	...	...	...	...
Chhor		...	...	...	...	...	...	...	...	...	...
Chittagong	17 11	17 15	...	...	...	...	...	...	...	...	...
Cox's Bazar	No		...	...	...	...	...	...	...	...	...
Dacca	15 15	16 12	...	...	...	...	...	...	...	...	...
Dalbandin	...	...	24 03	27 08	34 05	04 10	07 11	12 09	10 04	11 04	32 01
D. I. Khan					...	...	...	...	...	...	...
Drosh	23 03	21 07	21 09	21 07							
Fort Sandeman			...	24 03	25 02	11 06	35 09	23 01	29 12	28 13	32 10
Jacobabad	No	Ascent	...	...	...						
Jessore	15 07	17 13									
Jhelum	15 02	14 07	14 10	24 04	30 08	33 07	34 13	34 17	33 20	32 32	27 24
Jiwani	21 04	16 05	12 06	08 06	09 09	05 21	06 23	07 19	08 22	09 24	10 19
Karachi	10 03	08 06	04 07	03 06	07 10	06 10	11 13				...
Khanpur	06 03	17 02	14 01	20 40	31 08	33 10	36 06	15 08	10 06	04 10	...
Lahore	13 06	16 04	09 03	34 03	28 09	...		...	...	...	...
Multan	12 07	13 09	08 07	30 06	...		...	...	...	...	...
Muscat	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...		...					...	...
Peshawar	...	07 01	11 02	20 03	21 04	31 06	31 18	30 13	37 25	28 26	...
Quetta	...	...	...	...	28 02	02 06	02 12	08 09	21 08	27 02	28 04
Sharjah	...	...	...	...	...	...	...	...	...	...	...
Sylhet	02 04	...	...	...	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...

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

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

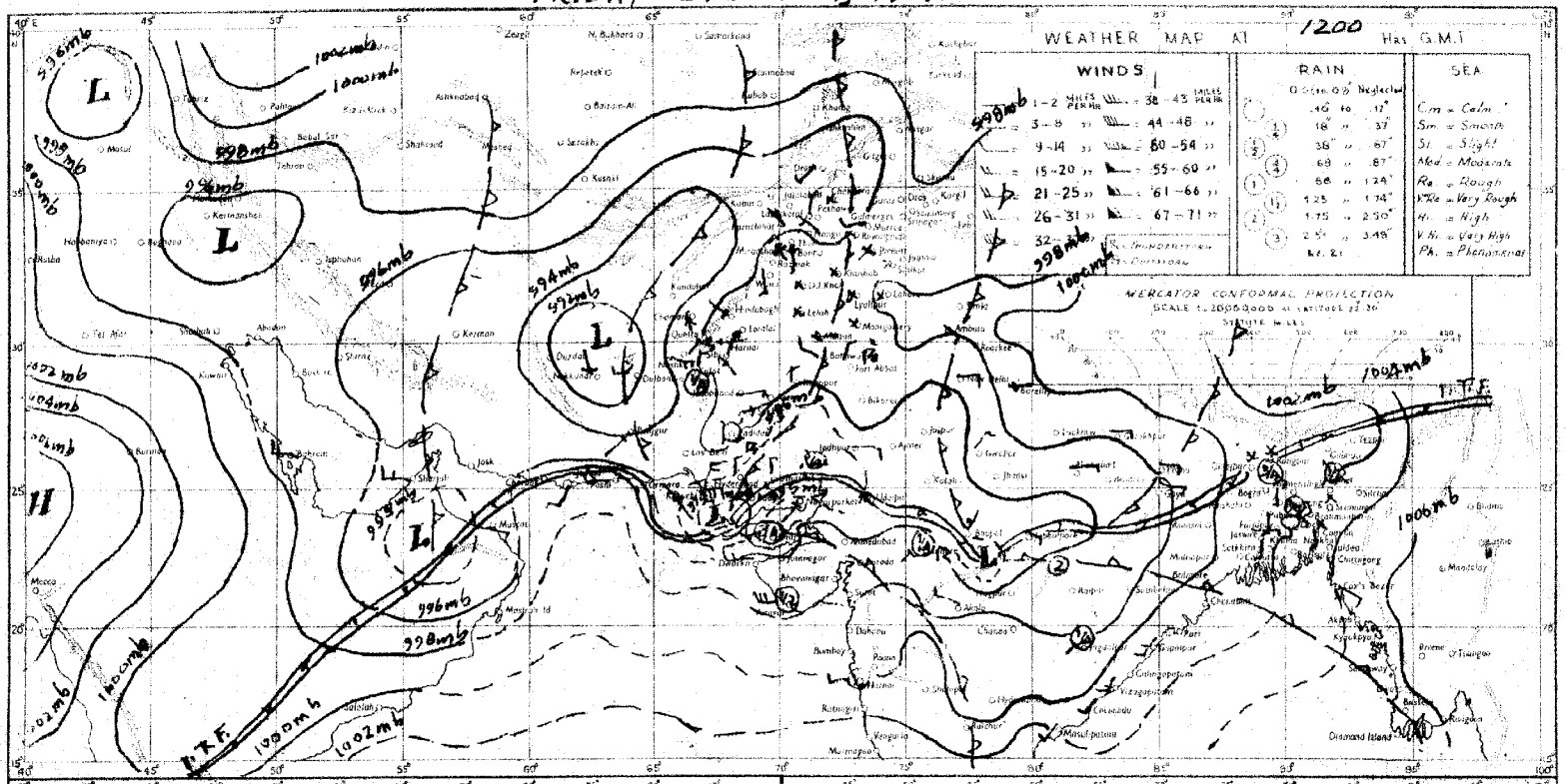
Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	...																	
Dacca	Misda																	
Karachi	07 18	25 13	07 10	07 09	09 12	09 17	09 18	08 19	08 16	09 22	11 29	11 33	09 38	08 43	08 51	07 54	...	...
Peshawar	...																	
Quetta	...																	

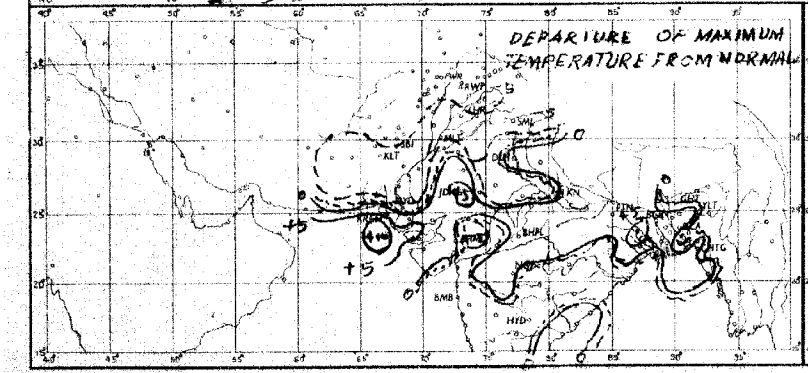
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted

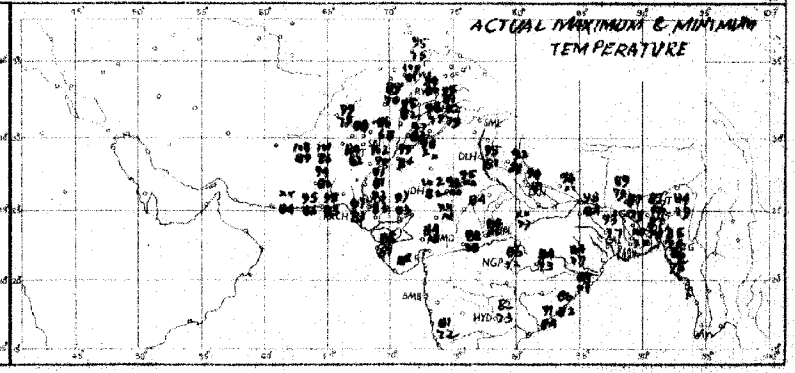
Cloud observation Data (GGiii Cdd v.v. etc.)

PAKISTAN DAILY WEATHER MAP

FRIDAY 24th JULY, 1959.







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

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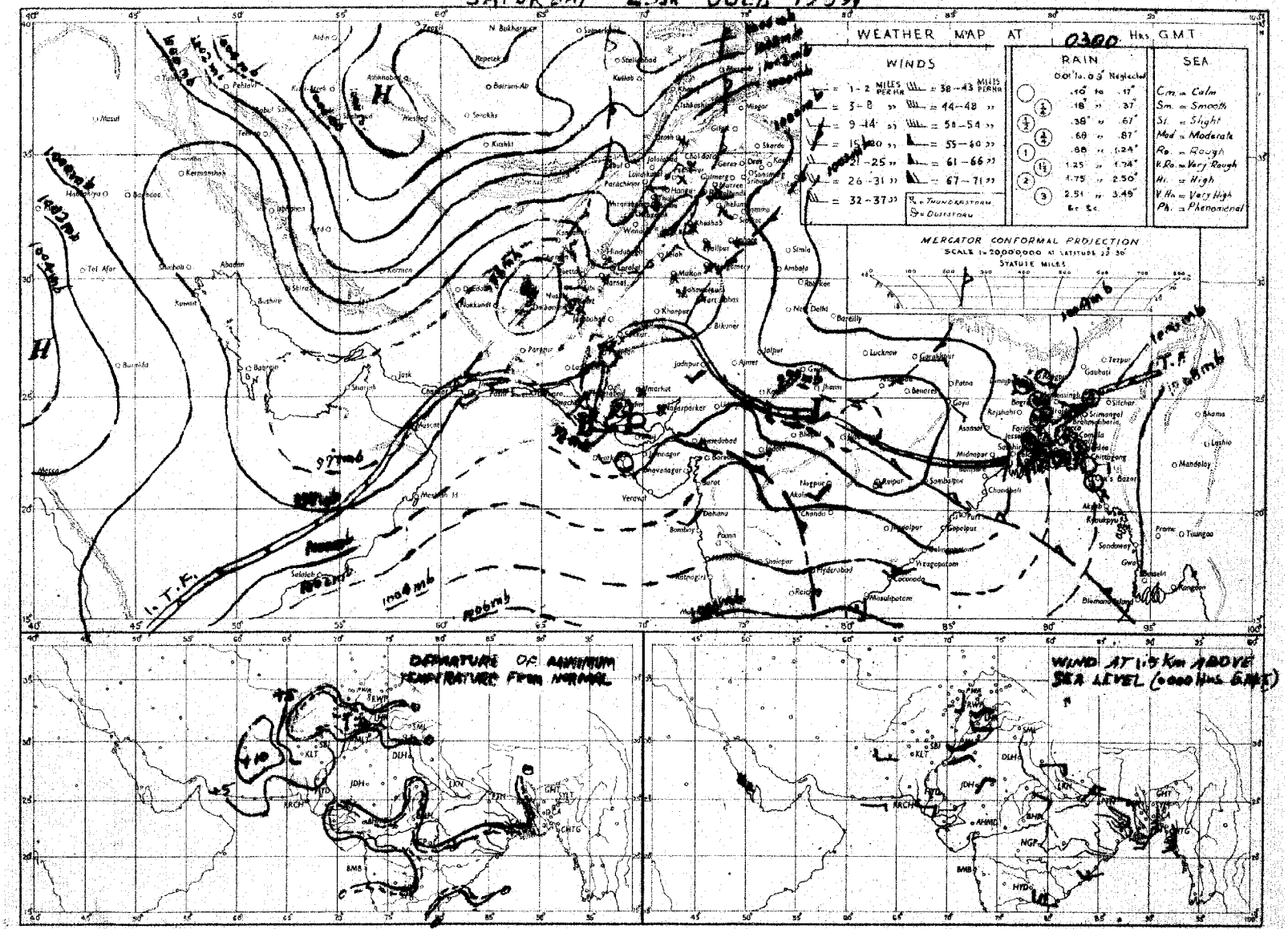
PAKISTAN DAILY WEATHER MAP

SATURDAY 25th JULY, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

SUNDAY THE 26th JULY, 1959.

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

The low in eastern sector of north Arabian Sea became unimportant.

Yesterday's low pressure wave over Rawalpindi division moved away eastwards while the other is moving across Peshawar division.

Rain/thundershowers have been widespread in Lahore division, fairly widespread in Rawalpindi, Hyderabad divisions and the Federal Capital Area, local in Peshawar and south Kalat divisions and scattered in Bahawalpur, D. I Khan Quetta and north Kalat divisions.

The low over Madya Pradesh has merged into the seasonal trough which extends to northwest Bay of Bengal.

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

Chief amounts of rainfall are: Sialkot 3", Barisal, Jhelum and Campbellpur 2" each, Maijdee Court and Kakul 1½" each, Sylhet, Sirajganj, Lahore and Harnai 3/4" each, Brahmanbaria, Khulna, Jessore, Rawalpindi, D. I. Khan, Fort Sandeman, Kalat, Turbat and Karachi (Airport) ½" each and Comilla, Srimangal, Faridpur, Dinajpur, Murree, Panjgur, Karachi (Manora) and Umerkot ¼" each.

Day temperatures were 3—7 °F below normal in Rajshahi, Multan, Lahore, Rawalpindi and central Kalat divisions.

Forecast valid until the evening of 27th, July, 1959. Fairly widespread rain/thundershowers will occur in Lahore, Rawalpindi divisions, Kashmir and East Pakistan and local in Peshawar, D. I. Khan and Multan divisions.

Karachi-11
The 26th July, 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at† Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility† VV (8)	Present weather† ww (9)	Past weather† W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form† CL (14)	Height of Lowest Cloud† h (15)	Medium Cloud form† CM (16)	High Cloud form† CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chittagong	000	0	8	xx	xx	97	02	2	035	78	8	4	4	x	x	77	84
	Maijdee Court	000	9	8	18	09	96	02	2	029	82	4	4	5	5	x	77	88
	Comilla	000	0	8	00	00	96	02	2	023	81	8	4	5	x	x	77	87
	Brahmanbaria	039	2	8	18	02	97	03	6	027	80	3	5	5	2	x	77	86
	Sylhet	020	4	7	00	00	96	01	6	030	79	3	8	6	7	0	78	81
	Srimangal	025	3	8	00	00	96	03	9	028	78	8	3	4	x	x	76	86
Dacca	Mymensingh	000	0	8	27	02	97	02	2	036	78	8	4	4	x	x	75	85
	Narayanganj	000	9	8	18	02	95	03	2	017	84	3	4	4	7	x	74	87
	Dacca (Tezgaon)	009	4	8	13	05	97	61	6	013	83	7	9	4	3	x	79	85
	Faridpur	031	9	8	16	02	96	03	6	011	82	8	5	7	x	x	76	85
	Barisal	144	7	8	18	03	97	03	6	015	83	8	0	9	4	x	77	84
Rajshahi	Khulna	000	0	7	13	03	95	01	2	013	83	7	5	6	0	0	78	85
	Satkhira	000	0	8	00	00	95	03	2	007	85	8	6	8	x	x	84	88
	Jessore	024	9	6	18	03	95	02	6	010	84	4	4	5	6	0	80	85
	Sirajganj	071	9	8	09	02	97	02	6	005	80	8	7	4	x	x	79	82
	Bogra	009	2	8	09	02	96	51	6	015	79	3	6	4	2	x	79	85
	Dinajpur	024	8	8	09	02	95	66	6	010	81	8	7	6	x	x	79	82
	Rangpur	008	4	8	18	02	96	01	5	xxx	81	8	5	6	x	x	77	83
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	3	4	00	00	96	01	9	953	91	2	8	6	2	1	77	95
	Sialkot	000	0	3	13	05	97	03	0	957	83	3	2	6	0	0	79	93
Rawalpindi	Jhelum	000	7	2	13	02	98	01	1	949	82	2	1	7	0	0	78	94
	Rawalpindi	000	0	4	34	05	99	03	1	947	92	4	2	8	0	0	80	94
	Khushab	000	0	4	00	00	99	01	1	958	96	4	2	6	0	0	78	97
Multan	Lyallpur	000	0	6	00	00	96	02	0	949	94	6	0	9	5	0	84	95
	Montgomery	000	[illegible]	2	00	00	96	01	0	939	96	2	2	7	0	0	79	97
	Multan	000	0	3	36	02	98	01	1	939	01	3	2	6	0	0	76	04
Bahawalpur	Laleh	000	0	4	00	00	99	03	0	967	93	4	4	8	0	0	86	99
	Khanpur	000	0	3	02	[illegible]	96	03	0	921	06	2	2	7	0	1	77	07
	Bahawalpur	000	0	3	00	00	97	01	0	940	05	0	0	8	0	8	70	05
	Fort Abbas	000	0	0	13	14	98	00	0	933	95	0	0	9	0	0	84	02
Peshawar	Chakdara	000	0	3	23	02	98	01	1	905	95	3	0	8	7	0	85	96
	Peshawar	000	0	2	05	05	98	02	0	923	0[illegible]	2	8	6	0	0	74	01
	Haripur	000	3	4	23	04	97	03	2	925	87	4	5	6	0	0	82	92
	Campbellpur	000	0	2	23	10	98	03	0	936	97	2	1	7	0	0	83	98
D. I. Khan	Bannu	000	0	0	13	01	99	00	0	928	97	0	0	9	0	0	77	99
	D. I. Khan	000	6	3	00	00	98	03	0	928	97	3	0	9	3	0	82	00
Quetta	Sibi	000	2	3	13	02	99	03	0	945	04	0	0	9	0	5	73	05
Kalat	Nokkundi	000	2	1	00	00	98	01	0	941	09	0	0	9	0	1	51	11
	Turbat	000	0	6	27	08	96	17	0	941	07	6	0	9	6	0	79	01
	Jiwani	000	0	5	23	14	96	03	0	968	89	3	5	5	3	0	77	94
	Pasni	000	0	6	20	14	97	02	0	957	92	0	0	9	0	8	83	78
	Ormara	000	0	6	23	07	98	02	1	952	96	4	2	7	1	0	75	00
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	018	2	7	00	00	96	03	9	964	87	6	0	9	2	9	81	90
	Karachi (Air Port)	023	2	7	00	00	96	29	9	965	84	3	2	6	3	0	78	96
	Badin	000	9	4	00	00	97	01	0	974	90	4	4	7	0	0	82	92
	Nagarparkar	000	0	8	00	00	98	02	3	957	97	8	7	7	x	x	76	02
	Umarkot	031	3	7	23	05	98	02	6	956	89	5	4	8	1	0	82	97
	Hyderabad	014	1	6	18	03	97	17	9	962	87	2	9	6	0	8	83	99
Khairpur	Pad-i-dan	000	8	6	16	05	97	03	1	949	98	4	3	6	0	4	80	00
	Nawabshah	000	0	7	18	02	99	03	2	956	97	3	2	5	6	0	81	97
	Sukkur	000	8	6	16	05	96	03	2	941	98	6	0	9	6	0	82	04
	Kashmore	000	0	4	18	03	99	02	1	xxx	xx	2	2	7	9	0	85	xx
	Jacobabad	000	0	3	23	03	96	02	0	936	04	2	2	7	0	8	76	05
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	4	8	05	02	95	03	4	403	71	8	9	3	x	x	67	73
Peshawar	Drosh	000	4	5	23	10	97	03	2	373	91	4	2	7	3	0	55	97
	Cherat	000	0	1	13	09	98	02	0	433	86	1	2	6	0	0	76	88
	Kakul	001	7	6	23	05	97	03	5	405	84	6	3	6	0	0	69	85
	Landi Kotal	000	0	1	13	03	99	03	1	387	90	1	2	7	0	0	71	93
	Parachinar	000	1	7	13	02	99	03	0	796	79	1	0	9	2	0	69	xx
D.I. Khan	Miramshah	000	0	6	05	02	99	03	0	391	91	4	2	7	2	0	69	93
	Wana	000	0	3	09	05	99	08	3	403	85	3	2	9	0	0	66	92
Quetta	Fort Sandeman	029	1	8	19	05	97	03	6	415	70	8	5	5	x	x	68	99
	Hindubagh	000	0	0	20	02	96	00	0	358	84	0	0	9	0	0	60	84
	Loralai	000	0	6	28	02	98	02	1	464	88	6	0	9	2	0	67	90
	Harnai	000	0	8	09	02	96	02	0	xxx	xx	x	x	x	x	x	xx	xx
	Quetta	000	0	5	31	02	97	02	0	406	88	5	0	8	4	0	61	90
	Chaman	000	0	0	36	02	98	00	0	398	01	0	0	9	0	0	53	02
Kalat	Kalat	065	1	7	00	00	97	81	5	424	72	7	4	7	0	0	66	84
	Nushki	000	9	5	27	05	97	08	1	422	07	1	7	5	6	9	58	08
	Dalbandin	000	8	2	31	02	97	01	1	397	07	1	1	7	0	1	53	08
	Panjgur	000	0	1	13	03	98	03	5	408	80	1	0	9	6	0	71	98
Afghanistan	Kabul	000	0	0	36	02	99	00	0	440	85	0	0	9	0	0	71	92
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at† Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility† VV (25)	Present weather† ww (26)	Past Weather† W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud† Nh (30)	Low Cloud Form† CL (31)	Height of Lowest Cloud† h (32)	Medium Cloud form† CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1959 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	013	9	4	16	09	xx	xx	x	xxx	xx	x	x	x	x	x	77	75		− 1	58.7	+ 1.6	74.5	140
Chittagong	000	0	5	13	09	97	03	2	055	85	3	4	5	3	1	73	76	− 2	− 1	45.2	+ 4.9	77.2	108
Maijdee Court	155	9	7	13	05	97	02	6	047	83	2	1	6	2	0	77	76	+ 2	− 2	50.9	+ 11.9	82.7	115
Comilla	025	9	8	00	00	97	02	6	062	85	8	4	5	x	x	76	75	0	− 2	24.1	− 7.0	51.6	94
Brahmanbaria	039	0	5	18	05	97	03	1	056	85	2	5	5	0	5	76	77	—	—	25.7	+ 2.5	51.7	76
Sylhet	085	6	7	09	05	96	21	6	053	82	3	8	5	2	0	72	75	—	—	83.1		131.0	—
Srimangal	025	0	7	13	02	96	03	2	060	82	5	4	5	4	0	77	76	− 5	0	36.0	+ 5.5	69.9	98
Mymensingh	000	6	8	13	02	98	02	5	059	81	8	7	5	x	x	78	76	+ 2	− 2	27.8	− 3.3	50.6	91
Narayanganj	004	3	8	09	15	95	03	6	044	83	8	7	4	x	x	77	78	− 1	− 1	25.5	+ 2.2	46.4	74
Dacca (Tezgaon)	009	9	8	13	05	96	02	9	041	82	6	8	4	3	x	78	78	—	—	24.9	—	41.4	—
Faridpur	031	9	7	16	02	97	03	0	045	84	5	5	7	1	0	77	76	− 3	− 3	19.8	− 3.1	48.0	71
Barisal	185	0	6	31	03	97	03	1	034	84	6	6	5	0	0	78	79	− 3	+ 1	38.3	+ 9.6	53.2	81
Khulna	060	9	7	13	03	96	01	6	043	85	7	4	6	0	0	79	75	− 3	− 3	28.6	+ 3.9	49.4	68
Satkhira	000	0	6	00	00	95	03	2	027	85	6	6	8	0	0	78	77	0	− 1	21.4	− 2.2	39.3	65
Jessore	039	9	8	18	05	97	03	6	030	82	6	4	6	6	x	70	76	—	—	15.1	− 7.1	31.0	65
Sirajganj	071	9	8	09	03	98	02	5	032	82	8	4	6	x	x	78	76	− 6	− 3	17.2	− 4.7	43.2	64
Bogra	016	0	8	09	05	98	02	2	044	83	4	6	4	2	x	77	77	− 4	− 2	16.9	− 6.3	35.9	69
Dinajpur	031	3	8	00	00	96	02	2	043	81	8	4	7	x	x	75	76	− 8	− 3	19.7	− 7.1	37.0	72
Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	− 7					84
Jammu																							—
Lahore (Jail Rd)	080	9	7	05	02	96	75	9	005	75	7	9	4	0	0	73	74	− 4	− 5	6.3	+ 0.2	10.2	19
Sialkot	284	2	8	00	00	97	20	6	992	75	8	5	6	x	x	73	73	− 4	− 6	20.9	+ 11.6	26.9	32
Jhelum	210	3	7	05	02	98	20	9	998	77	7	0	9	7	0	75	72	—	—	11.4	—	27.3	—
Rawalpindi	049	0	7	09	02	97	50	2	998	75	7	7	7	0	0	73	69	− 3	− 8	15.3	+ 6.5	28.3	36
Khushab	00	0	7	07	02	96	03	5	992	78	7	2	6	0	0	76	76	− 5	− 6	10.9	+ 6.4	16.4	15
Lyallpur	000	0	7	13	03	95	03	0	992	81	7	7	8	0	0	64	81	− 6	− 1	6.3	+ 2.7	9.0	13
Montgomery	000	0	0	00	00	96	00	0	992	85	0	0	9	0	0	78	82	− 6	− 1	1.2	− 1.7	3.5	10
Multan	000	0	8	13	03	96	03	1	965	90	2	5	6	7	x	79	88	+ 2	+ 3	1.7	+ 0.7	4.8	7
Laleh	000	0	8	00	00	96	03	2	984	86	7	0	8	8	8	85	80	—	—	2.9	—	4.8	8
Khanpur	000	0	7	xx	xx	96	05	0	963	90	7	0	8	7	0	81	87	+ 3	+ 4	0.3	− 1.8	1.2	6
Bahawalpur	000	0	5	00	00	97	03	0	972	92	5	0	8	2	0	79	86	+ 3	+ 3	2.8	+ 0.7	3.8	6
Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					4
Chakdara	000	0	4	00	00	99	01	2	956	82	4	0	8	4	0	70	73	—	—	2.1	—	17.7	—
Peshawar	000	0	7	36	03	98	02	1	988	80	5	5	6	3	0	71	77	0	+ 3	2.2	+ 0.9	15.2	14
Haripur	030	3	4	23	02	97	73	0	986	85	4	0	9	7	0	68	78	—	—	7.5	—	18.4	
Campbellpur	240	6	8	13	02	98	29	9	018	75	8	0	9	7	x	72	70	—	—	9.3		23.2	—
Bannu	000	0	3	09	01	99	01	1	964	85	3	0	9	4	0	73	80	—	—	9.4	—	16.4	11
D. I. Khan	060	3	8	00	00	96	17	9	968	80	x	x	x	x	x	69	68	− 3	—	8.9	+ 6.5	12.7	10
Sibi	000	2	5	00	00	98	03	1	962	91	5	0	9	3	0	78	81	—	—	2.1	—	2.4	5
Nokkundi	000	0	0	02	02	98	02	1	952	91	0	0	9	0	0	47	87	—	—	0	—	1.1	2
Turbat	055	0	6	27	02	95	03	6	980	82	6	0	9	6	0	80	xx	—	—	2.1	—	6.6	—
Jiwani	012	9	6	18	02	96	01	5	995	83	2	5	5	4	1	77	77	—	—	0.1		5.7	4
Pasni	000	0	8	23	14	97	02	0	997	84	8	0	9	2	x	80	82	+ 8	+ 4	0	− 0.6	2.5	6
Ormara	000	0	7	23	09	98	02	1	991	85	7	8	4	0	0	81	84	—	—	0.1	− 0.6	2.8	6
Las Bela																							8
Karachi (Manora)	018	9	8	25	16	96	03	9	992	85	8	6	4	x	x	82	83	+ 4	+ 3	6.2	+ 2.9	4.2	8
Karachi (Air Port)	043	5	7	23	08	96	50	5	993	84	5	6	3	4	0	81	84	—	—	8.5	—	8.7	—
Badin	000	3	8	23	02	96	03	2	992	82	8	9	7	x	x	80	80	− 1	− 1	3.7	− 0.2	3.7	9
Nagarparkar	000	0	8	00	00	97	04	2	992	75	8	7	5	x	x	65	72	—	—	6.9	—	6.8	—
Umarkot	031	0	7	20	05	98	02	6	981	83	7	0	9	1	0	80	81	—	—	4.5	—	5.3	
Hyderabad	014	9	7	20	03	97	03	9	985	85	4	0	9	2	1	80	83	+ 1	+ 3	4.2	+ 1.4	5.8	7
Pad-i-dan	000	9	6	16	05	97	03	1	969	85	6	0	9	7	0	81	83	—	—	4.8	—	4.3	—
Nawabshah	000	0	5	18	07	97	01	2	975	88	3	0	9	1	6	82	83	—	—	2.6	—	3.3	—
Sukkur	090	9	4	20	02	96	03	1	967	88	0	0	9	0	9	82	85	—	—	1.0	—	2.8	4
Kashmore	000	0	0	18	09	99	02	0	xxx	xx	0	0	9	0	0	77	82	—	—	0.2	—	1.2	—
Jacobabad	000	0	4	13	03	96	02	0	965	88	4	0	9	7	0	81	88	− 2	+ 4	3.7	+ 2.6	5.4	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																							
Gilgit																							5
Murree	025	8	7	13	03	98	02	9	428	65	5	5	2	5	0	61	59	0	—	16.0	+ 1.9	48.2	59
Drosh	000	9	1	00	00	98	01	9	420	84	1	2	7	0	0	59	75	0	+ 2	1.2	—	30.4	18
Cherat	000	0	8	18	03	91	14	4	421	68	8	5	2	x	x	68	67	− 1	− 4	3.0	− 1.5	13.0	29
Kakul	031	7	2	23	02	99	01	9	427	75	2	3	6	0	0	66	65	—	—	17.9	—	36.7	—
Landi Kotal	000	0	6	05	02	98	03	1	407	76	6	5	7	0	0	76	xx	—	—	2.6	—	17.5	—
Parachinar	000	0	0	00	00	99	04	0	797	60	0	0	9	0	0	62	xx	—	—	9.0	—	23.0	29
Miramshah	000	0	0	00	00	99	02	2	391	81	0	0	9	0	0	75	74	—	—	2.6	+ 0.5	5.6	13
Wana	...	...	...				...	...			...	...	...	...		...	...	—	—				—
Fort Sandeman	047	0	0	00	00	98	01	6	415	79	0	0	9	0	0	xx	71	+ 2	+ 5	2.2	− 0.1	10.9	11
Hindubagh	000	0	0	25	03	98	00	0	392	79	0	0	9	0	0	61	78	—	—	1.8	—	9.1	—
Loralai	000	0	4	09	02	98	02	1	456	75	0	0	9	0	3	71	70	—	—	5.3	—	11.1	—
Harnai	075	2	0	27	01	98	00	6	xxx	xx	0	0	9	0	0	xx	xx	—	—	3.8	+ 0.8	8.2	14
Quetta	000	0	0	00	00	96	00	0	410	75	0	0	9	0	0	66	67	—	—	2.8	+ 2.3	8.4	8
Chaman	000	0	0	18	03	98	02	0	427	85	0	0	9	0	0	49	75	+ 1	0	0.1	+ 0.1	6.2	7
Kalat	065	0	5	00	00	97	03	6	429	75	0	0	9	0	1	68	63	− 7	+ 2	1.6	+ 0.9	6.8	9
Nushki	000	9	3	13	05	98	01	1	460	90	0	8	9	0	1	63	71	—	—	0.4	—	2.2	—
Dalbandin	000	9	5	23	02	97	03	1	409	89	1	0	9	3	4	65	86	− 1	+ 8	0.3	+ 0.2	2.3	5
Panjgur	023	2	4	00	00	98	03	6	425	78	4	0	9	2	0	72	74	− 5	− 3	0.5	—	2.1	4
Kabul	000	0	0	00	00	99	00	0	461	70	0	0	9	0	0	57	58	—	—	—	—	—	12
Kandahar																							—

Given In Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 26th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	8 $N_sC_sh_s$	$0T_sT_sT_dT_d$	$1d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Aspra	73 155	625 00	8 25 37	97 02 2	023 81	87 3 xx	55 10 5	...	0 53 79	1 75 22
Dalila	73 220	598 03	7 18 10	97 02 2	980 77	68 5 70	56 22 0	...	0 42 75	1 18 22
British Resource	73 206	626 06	7 21 13	97 02 2	990 79	75 5 00	25 40 0	...	0 51 73	1 21 56
Dalila	73 213	595 06	5 20 15	97 02 2	990 79	85 5 00	56 21 0	...	0 04 73	1 20 23
Alfred Fraissint	73 177	568 06	8 20 20	97 02 2	982 73	47 4 2x	55 10 3	...	0 06 70	1 20 47
Karanja	73 182	642 06	6 25 23	97 02 2	032 82	68 4 30	56 40 0	...	0 06 75	1 04 46
Dalila	73 209	592 09	7 20 02	97 02 2	965 79	70 5 70	56 72 5	...	0 04 xx	1 25 24
Alfred Fraissint	73 [illegible]	557 12	8 21 33	97 02 2	972 79	17 4 2x	56 71 6	...	0 04 73	1 21 47
Dalila	73 [illegible]	509 18	8 20 20	97 02 2	960 75	60 6 33	56 70 5	...	0 00 73	1 20 24
Dalila	73 [illegible]	582 15	8 20 18	97 02 2	960 73	65 5 7x	56 40 0	...	0 [illegible]	1 20 34
Alfred Fraissint	73 166	550 15	8 28 30	97 02 2	998 77	18 4 2x	55 72 6	...	0 31 70	1 28 47
Dalila	73 188	577 18	8 23 25	97 02 2	990 73	80 5 7x	56 23 0	...	0 02 72	1 23 34
Alfred Fraissint	73 163	513 18	8 20 16	97 02 2	014 77	9x 0 xx	55 21 6	...	0 [illegible]	1 30 47

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ...														
Chittagong ...														
Dacca ...	00 00	..	Misda	..	..	..	..	..	..	..	...	...	...	..
Jiwani ...														
Karachi ...	00 00	995 288 272	...	...	380 218 999	...	041 135 999	325 080 999	796 535 999	581 625 999	967 762	249 968	433 118	677 288
Lahore ...	01 00	975 272 255		...	447 242 235	...	124 178 999	454 085 999	921 545 999	641 655 999	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...	00 00	825 218 185	...	..	...		119 172 128	406 060 999	874 540 999	497 655 999		...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ...													
Chittagong ...													
Dacca ...	00 00	..	Misda	...	...	..	...	...	...	...	...	...	...
Jiwani ...													
Karachi ...	00 00	...	...	...		...	...	..	...	...	100 288 999	...	...
Lahore ...	01 00	...	...	...	...		..		...	...	400 655 999	...	...
Multan ...													
Peshawar ...													
Quetta ...	00 00	800 218 172	751 222 142	539 000 999	...	...	...	...	...	...	539 000 999	..	...

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bagra ...	14 10	14 17	14 16	14 12	17 08			...	...
Chaklala ...					...	...	...	...	...
Chhor ...	20 10	20 07	08 02	07 05			...	...	...
Chittagong ...	17 14	19 20	...	...	...	...		...	...
Cox's Bazar ...	No	Ascent							
Dacca ...	15 07	16 12	16 13	17 12	17 12	18 13	18 07	20 04	20 05
Dalbandin ...			33 05	01 05	01 09	03 06	16 05	01 05	13 03
D.I. Khan ...									...
Drosh ...					23 15	25 07	26 06	30 06	..
Fort Sandeman ...				08 08	02 03	35 04	...	...	...
Jacobabad ...	21 08	20 10	18 13	18 08		...	...	...	...
Jiwani ...	13 12	15 16	17 17	18 13	16 08				
Jhelum ...	16 03	16 05	17 06	02 02	34 06	32 08	33 24	32 24	29 31
Khudal ...	20 08	16 08	11 04	08 09	04 11	06 16	...	...	...
Karachi ...	16 06	09 06	07 09	08 10	07 07	16 06			
Khanpur ...	24 06	34 06	32 04	32 02	18 01	36 01	36 04	06 14	04 10
Lahore ...	15 06	17 07	22 02	33 04	36 05	36 10	32 20	32 14	33 14
Multan ...	07 04	06 05	07 06	08 05	04 01	03 08	01 07	...	...
Muscat ...									
Panjgur ...									
Peshawar ...	...	08 08	13 12	15 12	17 13	21 06	30 32	31 32	31 37
Quetta ...	...	...	..	...	31 05	33 04	34 08	34 05	35 07
Sharjah ...									
Sylhet ...	17 03	16 04	16 04	17 06	18 09	19 07	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bagra ...	12 13	12 11	12 12			...
Chaklala ...		...		...		...
Chhor ...	23 11					
Chittagong ...	15 16	16 17	16 15	16 13	17 11	18 06
Cox's Bazar ...	16 12	16 21	17 19	25 14	16 12	16 09
Dacca ...	15 12	15 12	16 11	16 11	16 08	16 08
Dalbandin ...			21 03	26 07	26 03	25 05
D.I. Khan ...	...	...	...			
Drosh ...	.	...		03 01	30 01	30 01
Fort Sandeman ...				33 02	22 09	29 25
Jacobabad ...	30 10	21 08	21 06	23 06	24 04	33 04
Jiwani ...	13 10			...	...	...
Jhelum ...	No	Ascent				
Khudal ...	04 08	03 07	05 07	09 11	10 09	
Karachi ...	26 18	26 17	27 14			25 10
Khanpur ...	22 11	25 29	27 29	26 25	26 17	
Lahore ...	15 11	18 17	20 15	23 12	25 08	
Multan ...	19 12	21 09	22 09	22 08	26 07	...
Muscat ...						
Panjgur ...						
Peshawar ...	..	01 05	36 04	11 04	34 01	01 03
Quetta ...		..	...		26 06	31 15
Sharjah ...						
Sylhet ...						
Veraval ...	...	...	...	..	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bagra ...	12 12	13 13	13 13								
Chaklala ...		11 06	10 10	02 06	31 06	33 07	32 26	32 15	29 15		
Chhor ...											
Chittagong ...											
Cox's Bazar ...	18 13										
Dacca ...	12 10	13 17	13 22	13 19	15 21	15 16	12 13	13 14	13 15	12 13	11 02
Dalbandin ...			19 02	23 06	24 08	27 07	29 06	21 09	11 03	12 10	07 15
D.I. Khan ...											
Drosh ...					06 06	09 08	01 04	01 05	35 08	36 17	
Fort Sandeman ...				35 02	07 02	01 12	27 14	30 15	30 12	35 18	
Jacobabad ...	19 10	17 12	14 04	20 13	18 12	25 07					
Jiwani ...	13 18	14 19									
Jhelum ...	11 09	11 17	10 14	06 06	33 06	34 10					
Khudal ...	19 06	16 04	14 04	11 04	03 10	06 17					
Karachi ...	25 12										
Khanpur ...	22 15	23 12	24 11	25 10	23 10	23 06	35 14	36 18	01 12		
Lahore ...	09 07	18 04	15 05	01 09	32 08	33 15	31 12	30 10			
Multan ...	21 05	18 05	18 10	18 09							
Muscat ...											
Panjgur ...											
Peshawar ...											
Quetta ...					31 03	30 04	01 08	04 05	05 10	07 04	
Sharjah ...											
Sylhet ...	12 05	15 07	15 08	15 12	15 11	...	...	...	...		...
Veraval ...	..	...			...		...	...			

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Misda																	
Karachi ...	25 22	26 17	27 15	27 11	36 04	29 03	07 11	06 17	08 17	06 25	07 27	08 22	07 38	06 35	[illegible] 46	...	...	...
Peshawar ...																		
Quetta ...																		

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

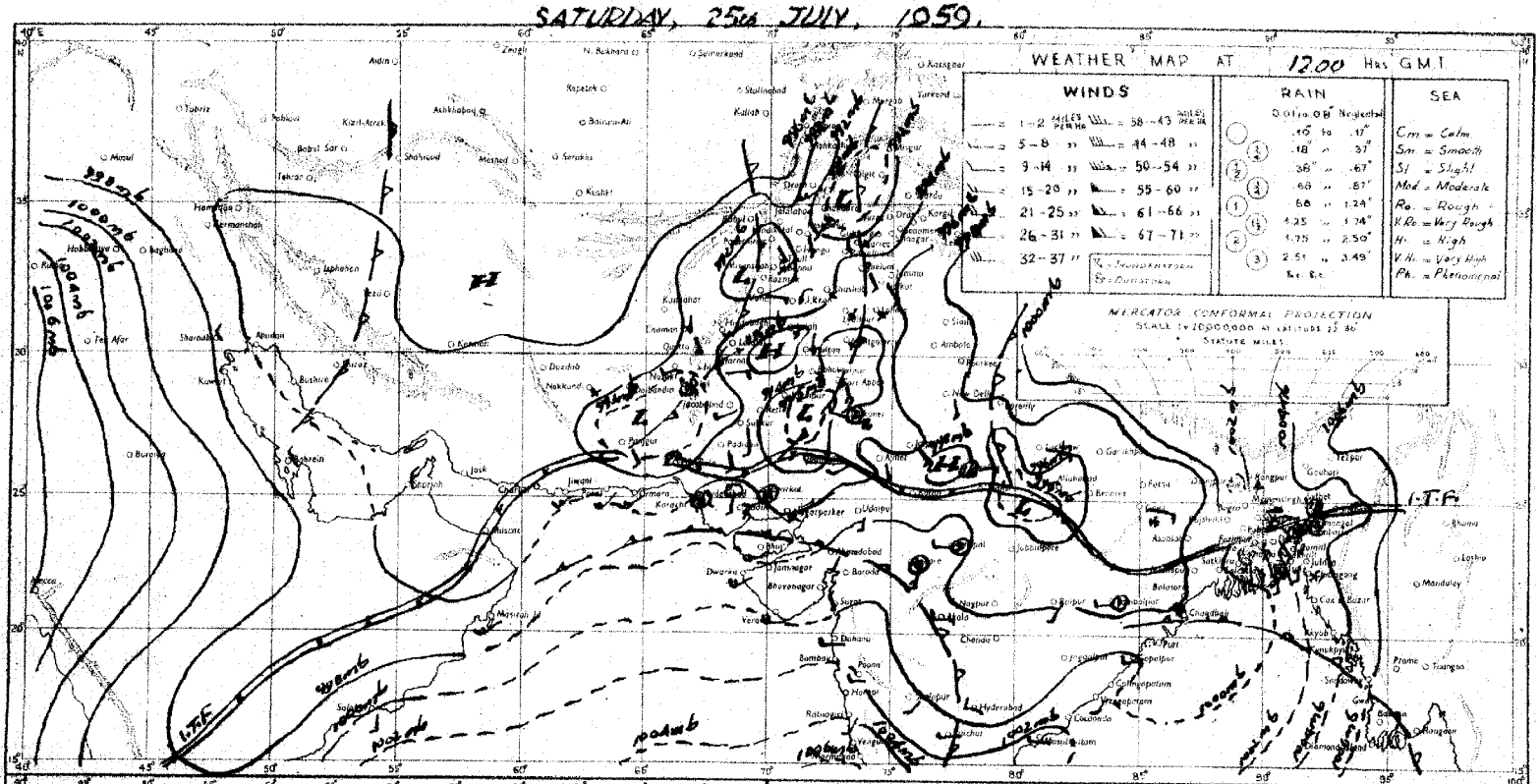
Cloud observation Data (GGff Cddv,v,etc.)

06 571 33 320

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

PAKISTAN DAILY WEATHER MAP

SATURDAY, 25th JULY, 1959.



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

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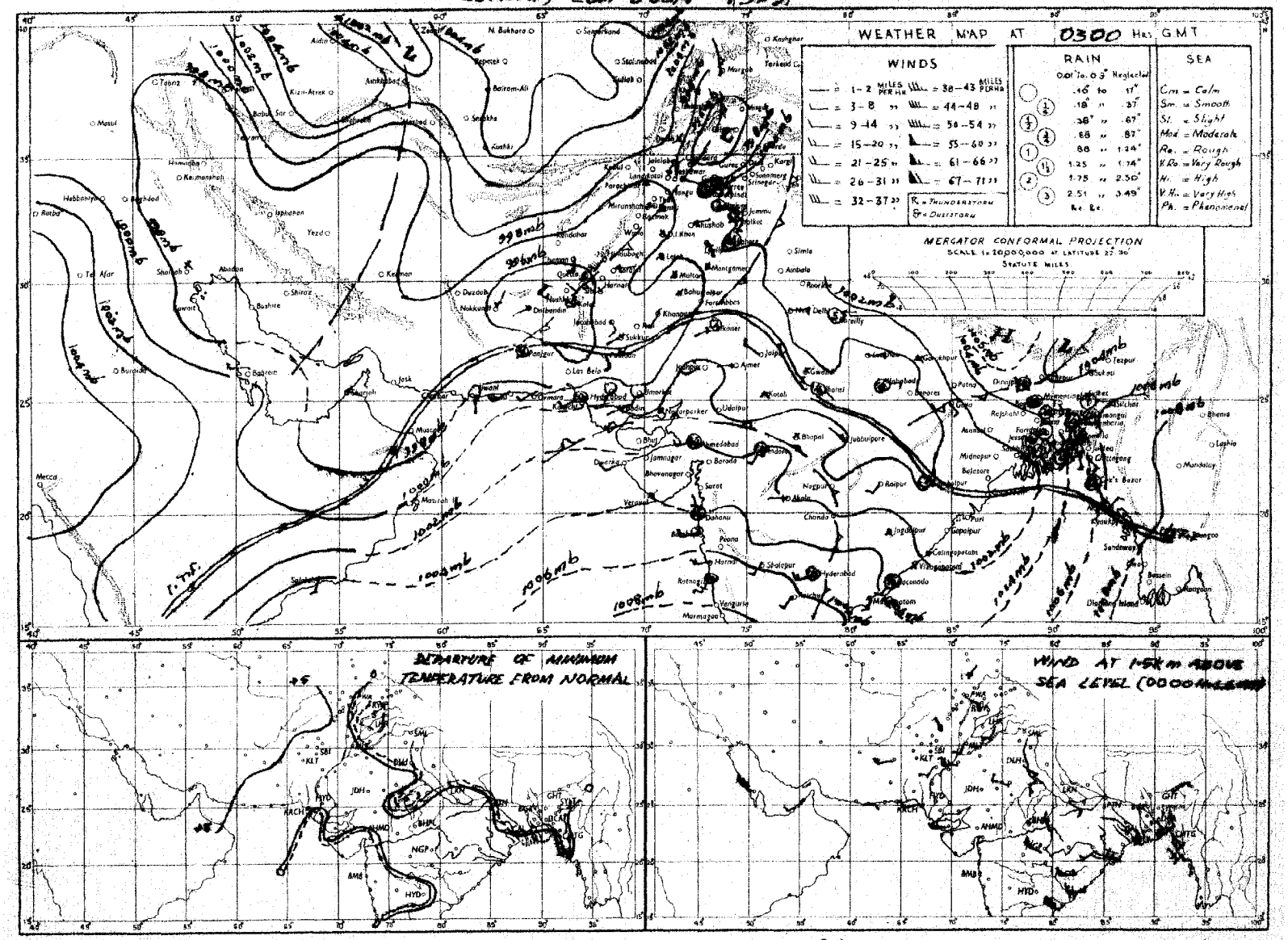
PAKISTAN DAILY WEATHER MAP

SUNDAY, 26th JULY, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

MONDAY THE 27th JULY, 1959.

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

Yesterday's low pressure wave is now moving across Rawalpindi division and adjoining Kashmir.

Axis of monsoon trough extends from west Rajasthan to northwest Bay of Bengal with a well marked low over southwest uttar Pradesh and adjoining Rajasthan.

Rain/thundershower have been widespread in Lahore division local in Rawalpindi and Hyderabad divisions and scattered in Multan, D. I. Khan, Quetta and Khairpur divisions.

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

Chief amounts of rainfall are: Barisal 1½", Sialkot, D. I. Khan, Umerkot and Mithi 1" each; Jessore and Rangpur 3/4" each; Chittagong, Narayanganj, Faridpur, Sirajganj and Lahore ½" each and Dacca, Khulna, Satkhira, Bogra and Dinajpur ¼" each.

Day temperatures were 6—14 °F below normal in Multan, Lahore, Rawalpindi, D. I. Khan and Peshawar divisions.

Forecast valid until the evening of 28th, July, 1959. Fairly widespread rain/thundershowers will occur in Lahore, Rawalpindi, Multan divisions, Kashmir and East Pakistan and local in Peshawar, D. I. Khan, Bahawalpur, Khairpur and Hyderabad divisions.

Heavy Rainfall Warning: Locally moderate to heavy falls are likely to occur in Lahore, Rawalpindi, Multan divisions, Kashmir and East Pakistan during the next 24 hours.

Karachi-11
The 27th July, 1959.

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

OBSERVATIONS

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																	Departure from Normal of		Rainfall				
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level Pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud Form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form†	Dewpoint temperature °F.	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal	
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	
Chittagong	Cox's Bazar	—	006	6	5	13	05	96	02	6	037	79	3	5	6	1	9	75	96	010	3	6	16	09	95	60	6	049	83	4	4	6	1	2	76	76	+ 1	0	38.8	− 2.9	74.6	140
	Chittagong	—	055	6	8	13	09	97	02	6	028	80	4	4	5	2	2	75	97	055	0	5	18	13	99	02	2	044	82	2	4	5	2	1	75	77	+ 1	0	45.8	+ 4.5	77.8	108
	Maijdee Court	—	000	9	7	08	09	98	02	2	014	83	1	2	5	2	2	76	86	015	2	8	18	09	97	03	6	012	81	5	1	6	2	x	77	77	0	− 1	51.0	+ 11.1	82.9	115
	Comilla	—	000	0	6	00	00	96	02	2	026	84	8	4	5	x	x	77	89	000	0	8	00	00	97	02	2	043	82	8	4	5	x	x	75	77	+ 3	0	24.1	− 7.7	51.6	94
	Brahmanbaria	—	000	0	6	13	05	97	03	1	018	85	6	5	5	0	0	78	89	000	0	6	13	07	97	03	1	044	82	2	5	5	0	9	75	78	—	—	25.7	+ 2.1	51.7	76
	Sylhet	—	000	0	6	13	02	96	02	1	017	95	2	2	6	6	8	79	89	001	9	7	09	02	97	02	6	049	83	3	4	6	7	0	78	77	—	—	83.1	—	131.0	—
	Srimangal	—	000	0	7	00	00	96	03	2	024	85	5	3	4	4	0	78	88	004	9	8	00	00	96	03	6	054	82	7	5	5	4	x	75	76	0	0	36.0	+ 5.1	69.9	98
Dacca	Mymensingh	—	000	0	4	00	00	98	02	2	017	86	0	0	9	0	4	77	88	015	9	8	09	02	97	02	6	050	81	8	6	3	x	x	75	76	+ 1	− 2	27.9	− 3.7	55.1	91
	Narayanganj	—	000	9	7	16	03	95	03	2	013	85	3	4	3	7	0	78	88	060	6	8	09	07	95	21	6	028	82	8	7	4	x	x	79	78	0	− 1	26.1	+ 2.2	47.0	74
	Dacca (Tezgaon)	—	002	6	6	16	09	98	01	6	004	83	5	8	4	0	3	77	87	025	9	8	13	09	97	21	6	029	81	7	5	4	3	y	77	77	—	—	25.1	—	41.7	—
	Faridpur	—	011	6	3	14	05	96	01	6	017	83	3	4	8	0	0	76	84	061	9	8	16	05	96	03	5	041	81	8	5	6	x	x	78	76	− 3	− 3	20.4	− 3.8	48.6	71
	Barisal	—	048	4	5	00	00	97	03	6	006	85	3	0	8	4	2	73	85	161	7	8	18	03	97	03	6	025	82	8	7	5	x	x	78	79	− 2	+ 1	39.9	+ 10.7	54.8	81
Rajshahi	Khulna	—	000	0	8	13	03	95	01	2	005	82	8	5	6	x	x	78	86	024	0	8	13	07	95	03	2	023	84	8	5	5	x	x	77	77	− 1	− 1	28.8	+ 2.7	49.7	68
	Satkhira	—	000	0	8	00	00	95	03	2	299	85	8	6	8	x	x	78	87	025	0	8	00	00	95	03	2	008	85	8	6	8	x	x	78	78	− 1	0	21.7	− 2.4	40.1	65
	Jessore	—	030	6	6	18	03	96	02	6	015	82	4	4	5	6	0	79	86	177	9	6	13	07	97	03	6	015	84	6	4	5	0	0	78	77	—	—	15.8	− 6.8	31.8	65
	Sirajganj	—	018	4	8	18	05	98	02	6	992	84	8	1	7	x	x	77	88	050	9	8	09	05	98	02	5	015	80	8	7	5	x	x	77	78	+ 1	− 1	17.7	− 4.6	43.7	64
	Bogra	—	021	1	8	13	03	96	02	6	006	85	5	5	2	1	x	78	87	023	5	8	11	05	96	03	6	034	81	7	7	4	2	x	77	78	− 2	− 1	17.1	− 6.6	36.1	69
	Dinajpur	—	032	6	4	09	07	96	01	6	006	85	4	5	6	0	0	76	86	032	3	8	09	02	96	02	2	022	81	8	4	7	x	x	77	78	− 4	− 1	20.0	− 7.2	37.3	72
	Rangpur	—	070	5	3	13	08	96	01	6	xxx	84	2	5	6	2	0	78	85	070	0	4	09	02	96	01	2	xxx	84	4	5	6	0	0	80	78	− 5	0	29.9	− 2.1	51.8	84
Kashmir	Jammu	—																																								—
Lahore	Lahore (Jail Rd)	—	000	8	7	00	00	96	02	9	968	87	5	9	7	4	0	78	93	051	2	8	05	03	96	95	6	006	75	6	9	4	2	x	75	75	− 6	− 4	6.8	+ 0.3	10.7	19
	Sialkot	—	000	4	3	00	00	98	01	1	962	87	2	2	6	3	0	78	87	110	5	5	05	02	98	01	6	998	79	4	5	6	2	0	76	72	− 9	− 7	22.0	+ 12.5	27.9	32
Rawalpindi	Jhelum	—	000	7	4	13	03	98	02	1	966	88	1	1	6	1	0	76	88	000	3	6	13	05	97	03	2	001	82	5	6	4	3	0	75	76	—	—	11.4	—	27.2	—
	Rawalpindi	—	000	8	4	13	02	98	01	9	957	85	2	2	7	8	0	74	89	000	0	4	18	02	99	03	1	990	83	4	2	6	3	0	77	75	− 7	− 2	15.3	+ 6.1	28.3	36
	Khushab	—	000	0	3	05	02	99	01	1	970	89	0	0	9	0	5	78	88	000	0	0	00	00	99	00	0	990	77	0	0	9	0	0	77	77	− 14	− 5	10.9	+ 6.2	16.4	15
Multan	Lyallpur	—	000	0	6	13	02	96	02	0	959	89	6	0	9	5	0	78	90	000	0	0	07	00	96	00	0	987	85	0	0	9	0	0	79	79	− 11	− 3	6.3	+ 2.6	9.0	12
	Montgomery	—	000	0	6	00	00	96	04	2	951	86	6	4	4	0	0	81	86	000	0	0	00	00	96	00	0	992	86	0	0	9	0	0	79	76	− 17	− 7	1.2	− 1.8	3.5	10
	Multan	—	000	0	6	05	02	97	01	2	955	89	0	0	9	0	3	73	94	000	0	3	05	02	97	01	2	987	88	1	0	9	1	2	78	83	− 7	− 2	2.7	+ 0.6	4.8	7
Bahawalpur	Leiah	—	000	0	7	00	00	96	01	2	960	91	0	0	9	0	8	86	98	000	0	5	36	05	95	05	1	017	xx	2	3	7	5	1	71	xx	—	—	2.9	—	4.8	8
	Khanpur	—	000	0	7	29	03	95	05	0	932	04	7	7	8	0	0	79	05	000	0	7	27	03	95	05	0	978	85	7	6	8	1	0	76	83	+ 2	0	6.3	− 1.8	1.2	8
	Bahawalpur	—																		000	0	0	05	03	97	00	0	984	85	0	0	9	0	0	79	82		− 1	2.8	+ 0.6	3.8	6
	Fort Abbas	—	228	3	3	02	05	98	06	1	962	81	0	7	6	0	0	80	09	228	0	3	02	05	98	01	1	972	85	0	0	8	3	0	81	76	—	—	—	—	—	4
Peshawar	Chakdara	—	000	0	2	23	03	99	01	1	938	86	2	1	7	0	0	76	90	000	0	0	00	00	99	02	0	980	82	0	0	9	0	0	70	74	—	—	2.1	—	17.7	—
	Peshawar	—	000	9	1	05	07	97	05	0	954	93	1	2	6	0	0	73	93	xxx	x	6	36	03	97	01	1	002	82	2	5	5	2	0	75	78	− 8	− 2	2.2	+ 0.9	15.2	14
	Haripur	—																		000	0	0	05	02	97	0	0	989	83	0	0	9	0	0	78	77		—	7.5	—	18.4	
	Campbellpur	—	000	0	5	13	05	98	01	1	969	90	5	0	9	7	0	74	91	000	0	8	13	05	97	03	0	034	80	0	0	9	0	0	80	79	—	—	9.3	—	23.2	—
D. I. Khan	Bannu	—	000	0	0	13	02	99	00	0	956	91	0	0	9	0	0	78	91	000	0	3	00	00	99	01	1	982	84	3	0	9	3	0	77	81	—	—	9.4	—	16.4	11
	D. I. Khan	—	000	6	2	00	00	98	03	0	958	9.	2	0	9.	2	0	79	90	089	3	4	05	02	98	01	1	988	85	4	0	9	4	0	79	77	—	—	9.8	+ 7.3	13.5	10
Quetta	Sibi	—	000	0	0	18	02	99	00	0	918	05	0	0	9	0	0	74	06	000	3	8	00	00	98	02	2	974	85	0	0	9	0	8	75	73	—	—	2.1	—	2.4	5
Kalat	Nokkundi	—	000	0	0	38	02	99	02	0	885	11	0	0	9	0	0	47	11	000	0	0	07	02	98	02	0	940	91	0	0	9	0	0	67	85	—	—	0	—	1.1	2
	Turbat	—	000	0	3	27	02	96	02	0	969	97	3	0	9	6	0	81	08	000	0	6	27	02	95	03	3	960	83	6	0	9	6	0	79	xx	—	—	2.1	—	6.6	—
	Jiwani	—	000	0	6	18	09	96	02	2	980	86	6	5	5	0	0	75	88	000	0	7	18	05	96	02	2	990	83	7	6	5	0	0	76	82	—	—	0.1	—	5.7	4
	Pasni	—	000	0	6	20	14	97	02	0	975	89	0	0	9	0	8	80	71	000	0	8	20	03	97	02	0	993	85	8	0	9	2	x	78	82	0	+ 4	0	− 0.6	2.5	6
	Ormara	—	000	0	5	27	09	98	02	1	970	89	5	2	6	0	0	78	91	000	0	8	27	03	98	02	1	000	84	8	4	4	—	x	81	81	—	—	0.1	− 0.4	2.0	6
	Las Bela	—																																								8
Karachi Federal Area & Hyderabad	Karachi (Manora)	—	000	0	6	25	18	97	03	1	977	88	6	6	4	0	0	80	89	000	0	6	25	14	96	03	2	998	84	4	6	4	0	0	79	81	+ 2	− 1	6.2	+ 2.7	6.2	8
	Karachi (Air Port)	—	004	6	7	23	14	96	03	5	987	87	7	5	4	0	0	79	88	004	0	7	25	10	96	02	2	996	83	7	0	9	3	0	78	82	—	—	8.5	—	8.8	—
	Badin	—	000	9	8	23	02	95	02	2	979	88	8	9	7	x	x	80	91	000	9	8	23	02	95	80	5	001	80	8	9	7	x	x	76	80	− 2	− 1	3.7	− 0.2	3.7	9
	Nagarparker	—	000	0	8	00	00	97	02	2	950	97	8	7	7	x	x	75	99																		—					—
	Umerkot	—	000	0	7	18	14	98	02	0	960	90	7	5	6	0	0	79	92	103	0	8	23	05	98	02	6	980	79	8	6	5	x	x	78	73	—	—	5.6	—	6.3	—
	Hyderabad	—	000	0	8	20	09	97	02	2	959	92	4	6	5	2	1	78	95	000	0	8	18	05	97	02	2	000	83	2	5	6	2	0	77	81	− 2	+ 1	4.2	+ 1.3	5.0	7
Khairpur	Pad-i-dan	—	000	8	3	16	03	97	03	1	930	02	1	1	6	0	1	73	03	000	9	4	16	07	97	03	1	974	84	1	1	6	0	4	80	81	—	—	4.0	—	4.3	—
	Nawabshah	—	000	0	8	18	05	98	03	2	944	99	1	7	4	2	x	80	00	000	0	8	18	07	96	02	2	979	84	8	0	9	3	x	78	82	—	—	2.6	—	3.2	—
	Sukkur	—	000	8	6	20	03	96	03	1	924	05	6	0	9	6	0	79	(5	099	9	5	00	00	96	03	6	974	86	5	0	9	7	0	79	83	—	—	1.1	—	2.1	4
	Kashmore	—	000	0	4	05	09	99	02	0	xxx	08	2	2	7	0	0	86	xx	000	0	2	18	07	99	02	0	xxx	xx	0	0	9	0	0	77	87	—	—	0.2	—	1.2	—
	Jacobabad	—	000	0	6	23	03	96	02	2	926	03	1	2	6	0	7	73	04	001	7	8	13	05	96	03	6	979	86	4	9	5	2	x	79	85	− 3	+ 1	3.7	+ 2.6	5.4	4
Junagadh	Veraval	—																																								20
Afghanistan	Jalalabad	—																																								—
Arabia	Muscat	—																																								4
	Kuwait	—																																								—
	HILL STATIONS																																									
Kashmir	Srinagar	—																																								26
	Gulmarg	—																																								—
	Sonamarg	—																																								71
	Dras	—																																								26
	Leh	—																																								3
	Skardu	—																																								6
	Misgar	—																																								—
	Aliabad	—																																								
	Gilgit	—																																								5
Rawalpindi	Murree	—	000	4	7	00	00	96	02	4	414	67	7	5	2	0	0	63	70	000	9	7	13	03	97	02	1	450	63	7	3	2	0	0	61	59	—	—	16.0	+ 1.4	48.2	59
Peshawar	Drosh	—	000	0	0	23	16	98	02	0	357	96	0	0	9	0	0	51	01	000	1	4	00	00	98	01	2	422	81	3	2	7	3	0	63	77	+ 4	+ 4	1.2	—	30.4	18
	Cherat	—	000	0	5	30	13	97	03	4	406	77	5	6	6	0	0	72	79	000	0	7	00	00	98	05	2	427	74	6	6	6	1	0	72	67	− 9	− 4	3.0	− 1.6	13.0	29
	Kakul	—	001	2	3	13	05	97	21	6	413	76	3	4	6		0	70	82	001	9	6	16	02	97	03	1	436	70	6	4	6	0	0	64	67	—	—	17.9	—	36.7	—
	Landi Kotal	—	000	0	1	05	03	99	03	1	394	86	1	1	7	0	0	71	86	000	0	6	05	02	98	0	1	429	78	6	6	5	0	0	71	xx	—	—	2.5	—	17.5	—
D.I. Khan	Parachinar	—	000	0	2	13	02	99	02	0	796	78	1	1	7	1	0	67	xx	000	2	3	00	00	99	02	0	796	69	0	0	9	0	2	62	xx	—	—	9.0	—	23.0	29
	Miranshah	—	000	0	2	23	02	99	01	2	406	86	2	0	8	2	0	73	89	000	0	0	05	02	99	00	0	430	81	0	0	9	0	0	71	74	—	—	2.6	+ 0.5	5.6	13
	Wana	—	000	0	2	13	03	xx	xx	x	xxx	xx	x	x	x	x	x	xx	xx	000	0	0	00	00	99	20	0	423	75	0	0	9	0	0	63	73	—	—	—		—	—
	Fort Sandeman	—	000	0	7	02	03	97	03	0	405	92	7	5	6	0	0	71	97	017	5	2	00	00	98	01	6	426	76	2	0	9	4	0	69	70	− 2	+ 4	2.4	0	11.1	11
Quetta	Hindubagh	—	000	0	0	25	04	98	00	0	336	97	0	0	9	0	0	62	97	000	0	0	09	02	98	00		389	75	0	0	9	0	0	60	74	—	—	1.0	—	9.1	—
	Loralai	—	000	0	3	13	02	98	02	1	466	89	0	0	9	0	3	69	90	000	0	6	09	02	98	02	1	451	74	0	0	9	0	3	67	68	—	—	5.3		11.1	—
	Harnai	—	000	0	6	09	02	96	02	0	xxx	xx	x	x	x	x	x	xx	xx	000	0	6	27	01	98	02	0	xxx	xx	x	x	x	x	x	xx	xx	—	—	3.8	+ 0.4	8.2	14
	Quetta	—	000	0	4	00	00	97	02	0	411	93	4	0	8	8	0	59	95	000	9	6	00	00	96	02	2	400	76	6	0	8	7	0	67	70	—	—	2.8	+ 2.3	8.4	8
	Chaman	—	000	0	0	27	02	98	00	0	379	02	0	0	9	0	0	45	03	000	0	0	13	01	98	02	4	407	87	0	0	9	0	0	64	79	+ 3	+ 4	0.1	+ 0.1	6.2	7
Kalat	Kalat	—	000	0	6	00	00	97	03	1	384	85	6	4	7	0	0	55	91	000	0	8	16	02	97	03	2	431	73	8	4	7	x	x	64	62	0	+ 1	1.6	+ 0.9	6.8	5
	Nushki	—	000	9	3	31	05	97	03	0	432	06	1	2	6	0	1	69	07	000	9	7	18	05	96	03	8	451	91	0	0	9	0	3	72	85	—	—	0.4	—	2.2	—
	Dalbandin	—	000	8	2	31	02	97	01	1	390	08	1	1	7	4	0	50	09	000	9	6	05	02	96	03	1	404	89	0	0	9	0	4	66	85	0	+ 7	0.3	+ 0.2	2.3	5
	Panjgur	—	000	0	6	23	02	98	03	1	417	94	6	0	9	6	0	66	98	000	0	8	23	02	98	03	5	423	78	8	0	9	6	x	63	74	− 5	− 3	0.5		2.1	4
Afghanistan	Kabul	—	000	0	0	36	02	99	00	0	439	87	0	0	9	0	0	76	94	000	0	0	20	00	99	00	0	471	69	0	0	9	0	0	58	57	—	—	—	—	—	12
	Kandahar	—																																								—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 27th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L_aL_aL_a	L_oL_oL_o GG	N dd ff	VV ww W	PPP TT	N_hC_LhC_MC_H	D_sV_s a PP	8 N_s C h_s h_s	O T_sT_s T_dT_d	I_d d_d P H_s
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Chambord	13 155	534 00	8 20 15	97 02 2	040 73	85 6 xx	25 11 0	...	0 85 70	1 20 23
Chambord	13 157	540 03	7 19 17	97 01 2	049 73	75 4 30	15 20 9	...	0 01 72	1 19 x3
British Resource	13 176	648 08	7 22 24	97 02 2	045 81	75 5 10	35 20 1	...	0 51 78	1 22 68
President Adam	13 207	612 06	8 23 27	97 05 4	020 79	86 2 xx	57 21 7	...	0 51 73	1 23 44
Alfred Fraissint	13 150	915 06	7 18 12	96 02 2	039 81	70 7 70	55 21 5	...	0 12 73	1 15 24
Chambord	13 160	546 06	7 23 19	97 02 1	050 77	75 6 70	25 20 1	...	0 06 70	1 22 34
Dalila	13 170	552 06	5 22 30	97 01 2	020 75	50 5 70	56 23 0	...	0 09 72	1 22 25
Donda	13 243	504 06	0 10 13	98 02 0	936 90	00 9 00	75 40 0	...	0 00 84	1 13 x1
Chambord	13 163	553 09	2 22 24	97 01 1	040 81	21 4 80	25 71 0	...	0 07 73	1 22 34
Alfred Fraissint	13 146	509 09	5 14 13	97 01 2	030 82	20 7 46	55 70 9	...	0 10 37	1 15 23
Cilicia	13 176	570 12	7 23 30	97 02 2	985 75	70 9 30	26 60 5	...	0 54 72	1 23 80
Dalila	13 163	539 12	8 22 15	97 02 2	020 79	80 5 7x	56 71 0	...	0 06 75	1 22 24
Chambord	13 168	558 12	7 22 30	97 03 0	025 81	77 4 00	15 81 5	...	0 06 73	1 22 34
Alfred Fraissint	13 143	501 12	2 15 15	97 01 1	022 86	00 9 09	56 70 8	...	0 06 79	1 22 2x
Daresm	13 227	682 18	8 24 06	97 60 0	023 82	xx x xx	74 22 0	...	0 00 79	1 25 xx

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTT_dT_dT_d	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT T_dT_dT_d								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	..	Misda	...	..	...	..	..	...	..	...	...	...	..
Jiwani ...														
Karachi ...	00 00	996 285 235	...	...	390 182 999	...	075 145 999	458 062 999	832 535 999	561 038 999	969 755	250 972	438 125	675 380
Lahore ...	00 00	976 270 260		...	415 178 9y9	...	042 090 999	305 040 999	762 548 999	...	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...	23 00	824 222 172	...	..	...	...	099 175 142	400 102 022	888 005 999	...	...	...	...	...

At Significant Levels

STATION	Time of ascent in G.M.T	18	19	20	21	22	23	24	25	26	Max. Height Reached PPPTTT T_dT_dT_d	TROPOPAUSE St. HHHH TT	St. HHHHTT
		PPPTTT T_dT_dT_d											
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...											...	...	...
Dacca ...	00 00	..	Misda	...	...	..	...	..	...	...			
Jiwani ...													
Karachi ...	00 00	...	...	...	..	...	...	..	...	...	100 280 999	...	...
Lahore ...	00 00	...	...	...	...	..	..	...	...	...	500 548 999	...	...
Multan ...													
Peshawar ...													
Quetta ...	23 00	800 212 172	743 188 168	...	...	...	...	...	...	...	743 188 168	..	...

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. → STATION	0.3	0.6	0.9	1.5	2.1	3.0	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)					
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ...	13 16	12 15	12 17	14 20	15 21	15 18	..	...	...	11 15	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	21 23	21 27	...	...	...	...	...	...	...	21 28	24 29	24 19	18 08	06 07	02 23
Chittagong ...	17 17	17 25	18 25	19 27	...	...	...	...	...	14 19	15 30	16 33	...	...	...
Cox's Bazar ...	17 19	15 19	...	...	...	...	...	...	...	17 18	18 22	19 23	...	...	...
Dacca ...	14 15	13 20	13 29	14 35	14 29	15 22	13 20	14 19	14 16	14 18	15 26	15 39	...	...	...
Dalbandin ...	...	...	31 07	27 11	22 09	28 07	26 03	36 07	35 07	...	...	22 03	23 13	24 17	13 08
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	22 20	21 10	26 09	25 29	23 45	...	...	...	23 01	21 01	20 04
Fort Sandeman ...	...	...	...	28 01	27 01	27 04	...	...	...	...	...	...	15 03	23 07	...
Jacobabad ...	18 09	20 04	19 06	20 08	23 05	25 06	...	...	...	15 07	17 04	24 03	...	...	...
Jessore ...	13 15	14 21	15 23	14 21	...	...	...	...	...	12 14	...	...	...	...	...
Jhelum ...	10 05	10 04	xx xx	01 11	03 07	36 09	34 08	32 12	32 15	05 02	10 09	12 07	11 05	...	...
Jiwani ...	19 12	20 10	...	...	...	...	...	...	...	14 08	15 08	23 02	32 05	31 03	...
Karachi ...	26 06	26 10	...	...	...	...	...	...	...	26 15	26 23	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	22 16	22 24	22 24	23 31	...	...
Lahore ...	09 06	07 05	07 04	...	...	...	...	...	...	14 14	17 18	17 11	25 03	28 07	...
Multan ...	09 11	10 09	28 03	26 09	27 03	36 17	36 12	32 11	...	02 02	03 07	04 09	32 05	30 02	31 20
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	04 12	05 09	14 07	20 12	30 08	35 15	34 19	33 13	...	01 08	03 03	19 09	18 08	24 08
Quetta ...	...	...	...	...	36 10	xx xx	35 16	33 12	35 10	...	...	...	...	03 03	27 12
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	11 02	16 03	14 05	15 10	14 10	...	...	...	...	08 03	17 05	17 15	16 10	14 09	16 07
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. → STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	11 18	12 22	13 22	..	..	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	15 12	16 15	16 20	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...	...	...
Dacca ...	16 18	15 37	16 39	16 28	15 29	...	...	...	...	...	...
Dalbandin ...	...	...	27 05	26 06	29 09	32 11	29 03	32 04	34 04	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	24 07	25 07	28 05	31 03	23 06	22 11	21 17
Fort Sandeman ...	...	...	...	04 03	07 03	35 08	30 09	33 10	33 06	33 06	...
Jacobabad ...	15 07	26 03	02 01	...	...	...	...	...	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	14 08	13 07	12 11	11 12	07 09	06 07	...	...	...	...	...
Jiwani ...	17 09	...	...	...	...	...	...	...	...	...	...
Karachi ...	26 17	26 13	...	...	...	...	...	...	...	...	...
Khanpur ...	35 02	01 05	03 09	04 12	09 06	11 07	08 15	07 13	06 11	...	...
Lahore ...	...	...	...	...	...	...	...	...	...	...	...
Multan ...	02 05	02 04	04 04	04 06	01 08	[illegible] 18	04 17	07 40	11 00	30 09	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	05 01	13 01	04 03	32 03	32 07	34 16	35 12	...	...	...
Quetta ...	...	...	...	...	18 02	33 08	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	08 04	13 07	15 11	16 21	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Misda																	
Karachi ...	25 23	25 17	27 14	27 11	04 08	09 09	05 08	02 19	07 17	03 41	04 26	06 20	10 17	06 33	06 37	05 40	...	...
Peshawar ...																		
Quetta ...																		

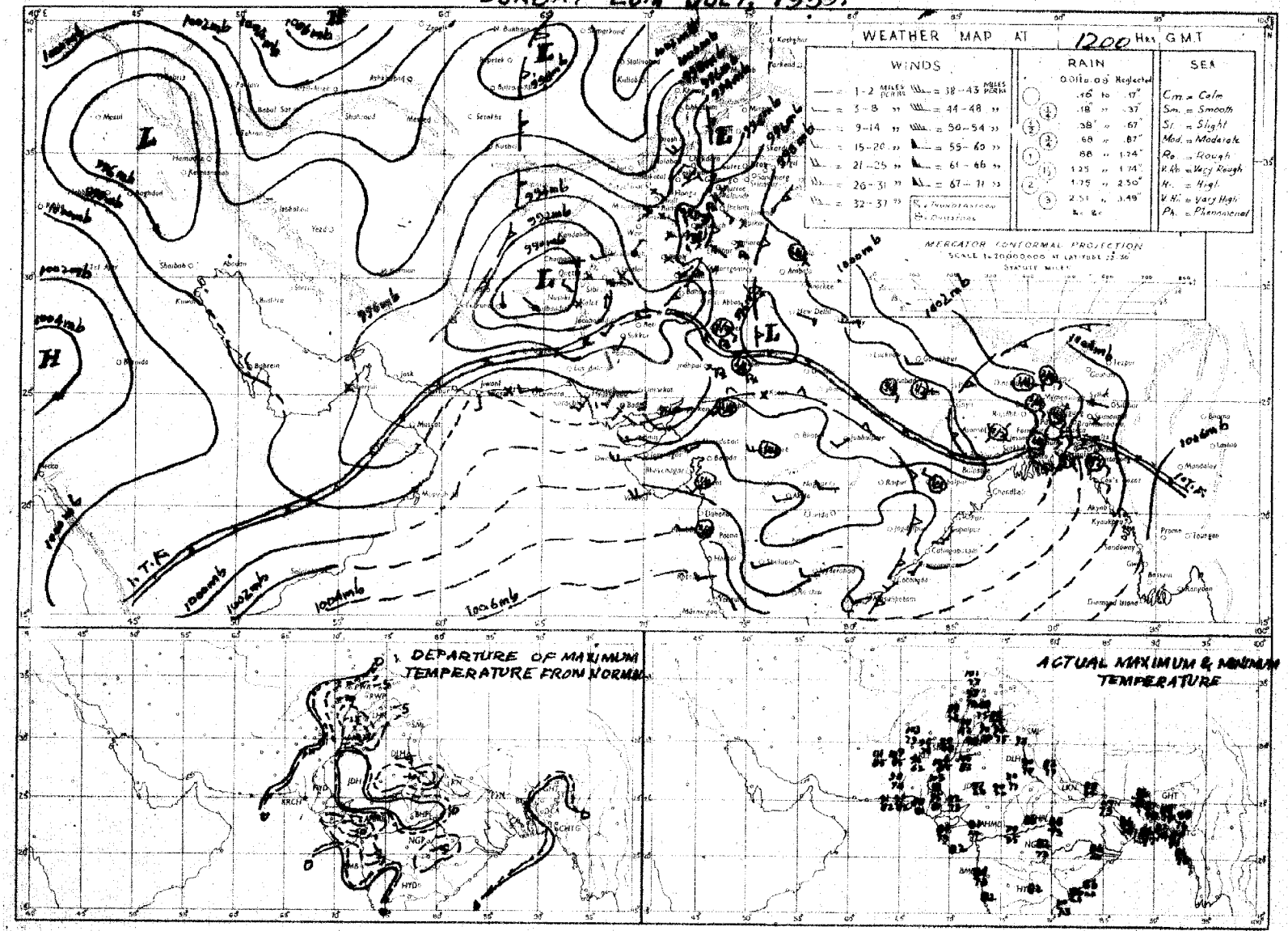
* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted

Cloud observation Data (GGiii Cddv,v,etc.)

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

PAKISTAN DAILY WEATHER MAP

SUNDAY 26th JULY, 1959.-



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

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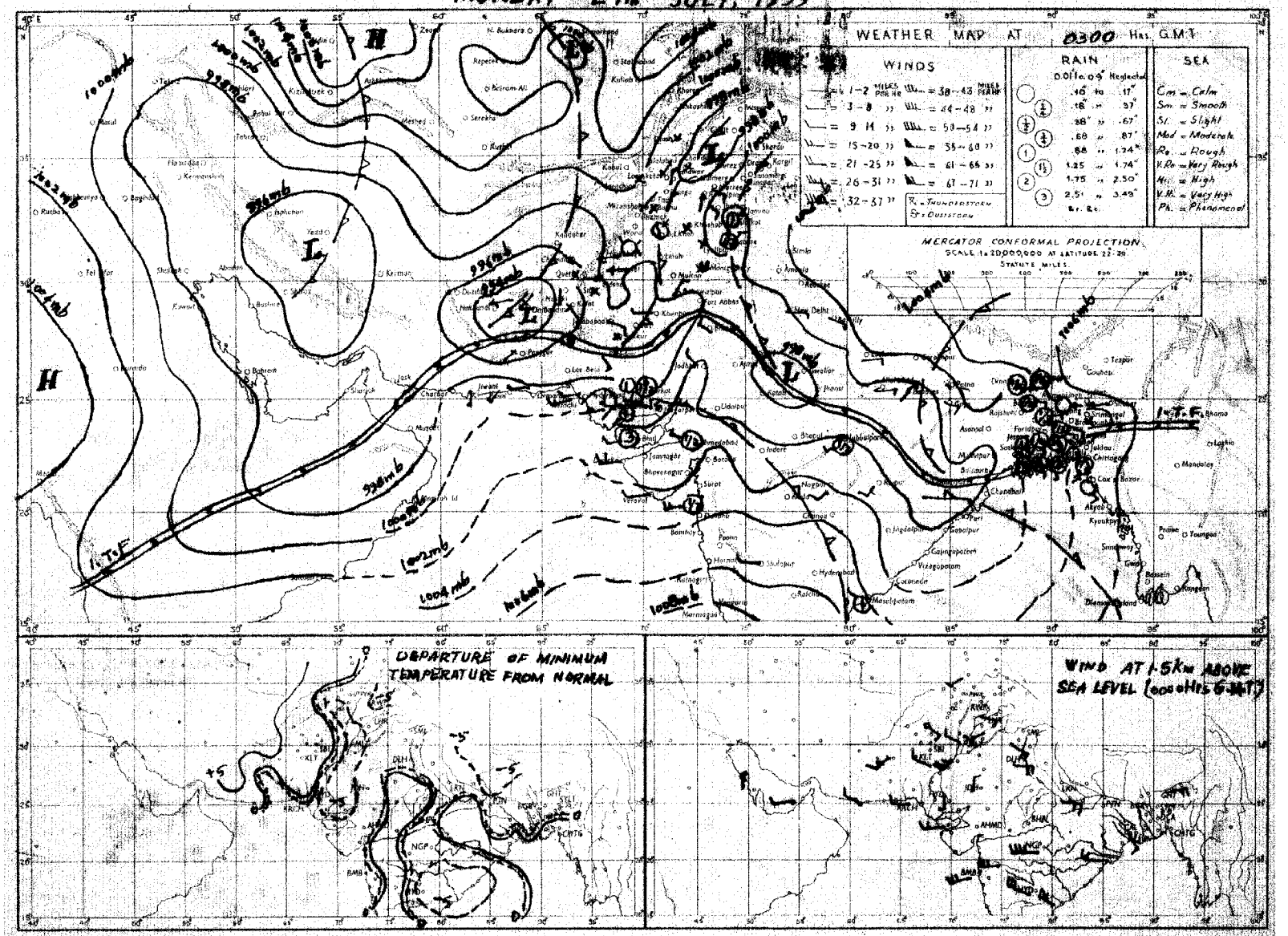
PAKISTAN DAILY WEATHER MAP

MONDAY 27th JULY, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

TUESDAY THE 28th JULY, 1959.

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

Yesterday's low now lies over southeast Rajasthan and adjoining areas.

Another low lies over West Rajasthan and adjoining Bahawalpur division.

Yesterday's low pressure wave is moving away across East Kashmir.

A fresh low pressure wave is moving across North Afghanistan.

Widespread rain/thundershowers have occurred in Lahore division, local in Hyderabad division and scattered in Rawalpindi, Multan, Peshawar and Khairpur divisions.

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

Chief amounts of rainfall are: Sialkot 3", Maijdee Court 2", Cox's Bazar 1½", Barisal 1", Kakul and Padidan 3/4" each, Satkhira, Rangpur, Murree and Mithi ½" each and Chittagong, Comilla, Sylhet, Dacca, Faridpur, Jessore, Sirajganj, Bogra, Dinajpur and Lahore ½" each.

Day temperatures were 4—8 °F below normal in Lahore, Rawalpindi, Peshawar, D. I. Khan, Hyderabad and Khairpur divisions.

Forecast valid until the evening of 29th July, 1959. Fairly widespread rain/thundershowers will occur in Lahore, Multan, Rawalpindi, Peshawar divisions, Kashmir and East Pakistan, local in Bahawalpur, Khairpur and Hyderabad divisions and scattered in D. I. Khan division and the Federal Capital Area.

Karachi-11
The 28th July, 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	029	9	7	11	09	96	02	6	030	77	6	4	6	2	0	65	85
	Chittagong	001	5	7	11	13	97	02	6	022	81	5	4	5	2	0	75	87
	Maijdee Court	000	9	8	18	13	95	02	2	014	82	4	5	5	3	2	74	85
	Comilla	000	0	8	18	07	96	02	2	015	84	8	4	5	x	x	75	88
	Brahmanbaria	000	0	6	13	07	97	03	1	016	83	6	5	5	0	0	75	89
	Sylhet	000	0	7	13	09	97	03	2	011	91	6	3	6	2	0	75	89
	Srimangal	---	---	---	--	--			--	---		---	---	---	---	---	---	---
Dacca	Mymensingh	007	0	8	00	00	98	21	2	013	82	8	7	5	x	x	79	88
	Narayanganj	004	7	7	16	05	94	03	5	007	83	6	4	4	3	0	77	86
	Dacca (Tezgaon)	003	8	7	13	07	97	02	6	999	82	6	9	4	4	0	77	85
	Faridpur	000	6	6	16	05	96	01	2	019	83	5	4	7	1	0	76	86
	Barisal	010	7	3	18	03	97	03	6	998	81	6	7	6	4	0	77	82
Rajshahi	Khulna	012	6	8	13	09	95	03	6	996	82	8	5	5	x	x	77	84
	Satkhira	000	0	8	00	00	95	03	2	988	81	8	6	8	x	x	78	88
	Jessore	008	6	4	18	02	96	02	6	995	82	4	4	5	0	0	78	86
	Sirajganj	021	8	8	13	02	98	18	2	981	82	8	7	5	x	x	78	86
	Bogra	011	2	6	13	02	96	01	6	999	81	3	4	6	2	0	78	87
	Dinajpur	000	8	8	00	00	96	02	2	994	84	8	4	7	x	x	80	88
	Rangpur	000	0	7	13	02	96	03	1	xxx	86	7	5	6	0	0	77	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	031	8	7	00	00	96	01	9	976	86	1	1	7	1	9	77	87
	Sialkot	000	0	3	05	03	98	03	0	974	87	3	2	6	0	0	77	87
Rawalpindi	Jhelum	000	8	5	13	05	98	02	2	974	89	5	2	7	0	0	78	90
	Rawalpindi	000	0	6	36	03	98	03	2	985	85	3	2	8	0	0	77	92
	Khushab	000	0	2	18	02	99	02	1	967	92	2	2	6	0	0	77	94
Multan	Lyallpur	000	0	6	05	02	96	02	0	955	90	6	0	9	5	6	77	92
	Montgomery	000	0	2	13	02	96	01	0	957	91	0	0	9	0	4	79	96
	Multan	005	3	6	13	03	96	95	9	954	89	3	9	6	0	2	81	01
Bahawalpur	Leiah	000	0	5	36	02	96	05	2	043	87	0	0	9	0	4	81	80
	Khanpur	000	0	5	36	03	95	05	0	941	98	5	0	8	5	0	77	00
	Bahawalpur	000	0	2	09	01	97	01	1	956	01	0	0	9	0	8	76	01
	Fort Abbas	000	0	2	05	03	98	01	1	947	95	2	0	8	3	0	81	97
Peshawar	Chakdara	000	0	2	23	03	98	01	1	922	91	2	1	7	0	0	88	91
	Peshawar	000	0	2	36	10	98	01	1	942	97	2	3	6	0	0	72	98
	Haripur	000	4	4	23	02	96	03	2	950	83	4	5	6	0	0	77	91
	Campbellpur	000	0	2	13	05	98	01	0	970	93	2	0	9	8	0	76	93
D. I. Khan	Bannu	000	0	3	13	02	99	01	0	974	94	3	0	9	5	0	74	96
	D. I. Khan	000	6	2	00	00	98	03	0	957	96	2	0	9	2	0	80	98
Quetta	Sibi	000	9	5	18	02	98	03	1	937	01	5	0	9	2	0	76	02
Kalat	Nokkundi	000	0	0	23	02	98	02	0	878	13	0	0	9	0	0	64	14
	Turbat	000	0	6	27	02	95	03	3	976	93	6	0	9	6	0	80	93
	Jiwani	000	0	6	18	10	96	02	2	976	86	4	5	5	3	0	46	88
	Pasni	000	0	8	20	12	97	02	0	973	89	8	0	9	2	x	80	91
	Ormara	000	0	7	27	09	98	02	1	974	86	7	4	5	0	0	80	90
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	25	16	96	03	2	983	86	8	6	4	x	x	79	88
	Karachi (Air Port)	000	3	8	23	10	96	02	5	980	86	5	5	5	2	x	79	87
	Badin	000	0	8	23	02	96	02	6	000	83	8	9	7	x	x	80	85
	Nagarparker																	
	Umarkot	000	0	8	20	05	98	02	2	962	85	8	5	6	x	x	79	87
	Hyderabad	000	0	6	28	10	97	02	2	963	90	1	5	6	2	1	78	93
Khairpur	Pad-i-dan	000	0	3	36	02	97	03	0	939	02	2	2	6	0	1	78	02
	Nawabshah	000	0	7	23	05	96	03	1	953	97	3	2	6	0	2	81	98
	Sukkur	000	8	6	02	03	96	01	2	939	98	0	0	9	0	8	74	98
	Kashmore	000	0	4	18	07	99	02	2	xxx	xx	0	0	9	0	2	86	xx
	Jacobabad	000	0	6	13	03	96	01	2	943	99	2	5	5	0	7	78	99
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	039	2	6	29	02	98	02	6	421	65	5	7	4	8	0	63	68
Peshawar	Drosh	000	8	2	23	16	98	01	1	370	94	2	2	7	0	0	55	98
	Cherat	000	0	2	13	03	98	01	0	410	82	2	2	6	0	0	75	83
	Kakul	072	3	7	13	04	95	20	6	421	72	7	9	6	0	0	67	85
	Landi Kotal	000	0	2	25	03	99	03	1	406	88	2	2	7	0	0	68	90
	Parachinar	000	0	3	13	02	99	02	0	797	82	3	0	9	1	0	64	xx
D.I. Khan	Miranshah	000	0	0	05	02	99	00	0	399	90	0	0	9	0	0	70	91
	Wana	000	0	3	09	05	99	20	2	403	84	3	0	9	4	0	66	87
	Fort Sandeman	000	0	5	07	05	97	03	0	405	92	5	5	6	0	0	61	95
Quetta	Hindubagh	000	4	7	09	03	96	03	0	354	90	6	0	9	3	4	62	91
	Loralai	000	0	3	23	02	98	02	1	455	86	0	0	9	0	3	68	86
	Harnai	000	0	0	09	02	96	02	0	xxx	xx	x	x	x	x	x	xx	xx
	Quetta	000	0	3	18	03	97	02	0	405	87	3	0	8	8	0	70	94
	Chaman	000	0	0	20	01	98	00	0	401	03	0	0	9	0	0	48	04
Kalat	Kalat	000	0	8	09	09	97	02	2	401	80	8	7	7	x	x	61	91
	Nushki	000	9	4	31	05	97	02	1	465	08	4	4	6	0	0	68	09
	Dalbandin	000	8	4	23	05	97	01	1	379	08	1	1	7	4	4	52	10
	Panjgur	000	0	4	23	03	98	03	1	416	90	4	0	9	3	0	68	92
Afghanistan	Kabul	000	0	0	18	02	99	00	0	447	89	0	0	9	0	0	72	95
	Kandahar																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959, to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	155	9	8	16	05	95	61	6	057	75	7	4	6	2	x	75	75	0	— 1	60.3	— 2.7	76.2	140
	Chittagong	036	9	8	13	09	95	63	6	052	76	8	4	4	x	x	75	75	+ 1	— 2	46.1	+ 4.0	78.1	108
	Maijdee Court	180	9	8	18	09	95	51	6	032	78	5	7	5	2	x	77	75	— 1	— 3	52.8	+11.9	84.7	115
	Comilla	022	5	8	18	06	97	02	6	043	77	8	4	5	x	x	76	75	+ 1	— 2	24.3	— 8.2	51.8	94
	Brahmanbaria	000	0	5	13	09	97	03	1	037	83	5	5	5	0	0	76	77	—	—	25.7	+ 1.6	51.7	76
	Sylhet	021	9	5	09	05	97	02	9	045	85	3	2	6	6	0	76	76	—	—	83.3	—	131.3	—
	Srimangal	005	9	7	00	00	96	03	6	046	82	7	4	5	0	0	76	76		0	36.1	+ 4.7	69.9	98
Dacca	Mymensingh	007	0	8	13	02	98	03	2	030	81	8	4	5	x	x	75	75	+ 1	— 1	28.0	— 4.1	51.2	91
	Narayanganj	008	9	8	16	09	95	03	6	025	82	8	7	4	x	x	78	78	— 2	— 1	26.1	+ 2.0	47.1	74
	Dacca (Tezgaon)	028	6	8	13	10	97	02	6	022	80	6	5	4	2	y	77	77	—	—	25.4	—	41.9	—
	Faridpur	030	9	8	16	03	96	50	5	015	80	8	7	6	x	x	79	76	— 1	— 3	20.7	— 3.3	48.9	71
	Barisal	102	4	8	18	02	97	62	6	025	80	4	7	5	4	x	77	77	— 5	— 1	40.9	+11.2	55.8	81
Rajshahi	Khulna	012	0	8	13	07	95	03	2	021	79	8	5	5	x	x	78	78	— 3	0	28.9	+ 3.4	49.8	68
	Satkhira	052	0	8	00	00	94	03	6	015	80	8	6	7	x	x	78	77	0	— 1	22.2	— 2.3	40.7	65
	Jessore	021	9	8	13	05	96	03	6	011	80	8	4	5	x	x	79	78	—	—	16.1	— 7.1	32.0	65
	Sirajganj	032	4	8	09	07	97	01	6	016	80	8	7	5	x	x	76	77	— 1	— 2	18.0	— 4.7	44.1	64
	Bogra	018	9	8	09	05	96	51	6	024	80	7	7	4	2	x	77	78	— 2	— 1	17.3	— 7.0	36.3	69
	Dinajpur	028	3	8	09	02	96	02	6	018	83	8	4	7	x	x	76	78	— 2	— 1	20.3	— 7.4	37.6	72
	Rangpur	055	0	6	05	05	96	03	6	xxx	81	6	5	6	0	0	77	77	— 2	— 1	30.5	— 2.0	52.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd)	032	8	5	13	02	96	01	1	000	83	4	4	7	3	0	77	75	— 12	— 4	7.2	+ 0.6	11.0	19
	Sialkot	312	2	8	00	00	97	21	x	009	77	8	7	5	x	x	77	74	— 9	— 5	25.1	+15.3	31.1	32
Rawalpindi	Jhelum	000	2	7	13	02	97	02	2	003	81	6	8	6	3	0	77	79	—	—	11.4	—	27.2	—
	Rawalpindi	000	0	3	09	02	99	01	1	999	86	3	0	9	8	0	73	73	— 4	— 4	15.3	+ 5.8	28.3	36
	Khushab	000	0	2	07	02	99	02	1	993	85	2	2	6	0	0	79	75	— 8	— 7	10.9	+ 6.1	16.4	15
Multan	Lyallpur	000	0	7	07	02	96	03	0	986	82	7	3	8	0	0	77	80	— 9	— 2	6.3	+ 2.5	9.9	12
	Montgomery	000	0	8	13	03	96	03	0	985	81	4	4	7	0	0	74	79	— 5	— 4	1.2	— 1.9	3.5	10
	Multan	005	9	1	05	02	98	02	9	979	88	1	0	9	3	0	80	83	0	— 2	2.8	+ 0.6	4.9	7
Bahawalpur	Leiah	000	0	8	36	03	98	03	2	989	88	7	6	7	1	x	83	80	—	—	2.9	—	4.8	8
	Khanpur	000	0	1	02	03	96	03	0	960	96	0	0	9	0	0	xx	84	— 3	+ 1	0.3	— 1.9	1.2	6
	Bahawalpur	000	0	0	00	00	97	01	0	973	91	0	0	9	0	0	79	84	— 1	+ 1	2.8	+ 0.4	3.8	6
	Fort Abbas	000	0	2	05	02	98	02	0	976	89	0	0	9	0	0	81	81	—	—	—	—	—	4
Peshawar	Chakdara	000	0	6	00	00	98	01	2	983	81	6	0	8	6	0	71	76	—	—	2.1	—	17.7	—
	Peshawar	000	7	6	31	03	97	01	9	007	79	2	4	5	3	1	74	76	— 3	— 4	2.2	+ 0.8	15.2	14
	Haripur	000	3	3	23	04	97	03	0	973	87	0	0	9	0	9	74	73	—	—	7.5	—	18.4	—
	Campbellpur	000	0	2	09	03	98	03	0	014	85	1	0	9	7	1	70	79	—	—	9.3	—	23.2	—
D. I. Khan	Bannu	000	0	8	13	01	98	02	1	981	83	8	0	9	9	x	77	82	—	—	9.4	—	16.4	11
	D. I. Khan	000	2	2	05	02	98	01	1	978	85	2	0	9	2	0	79	81	—	—	9.8	+ 7.2	13.5	10
Quetta	Sibi	000	0	0	00	00	99	00	0	968	90	0	0	9	0	0	79	78	—	—	2.1	—	2.4	5
Kalat	Nokkundi	000	0	0	07	02	97	02	0	949	89	0	0	9	0	0	70	86	—	—	0	—	1.1	2
	Turbat	000	0	6	09	02	95	03	0	966	83	6	0	9	6	0	77	xx	—	—	2.1	—	6.6	—
	Jiwani	000	0	8	09	00	96	03	2	986	83	8	5	5	x	x	75	82	—	—	0.1	—	5.7	4
	Pasni	000	0	7	29	02	97	02	0	986	85	4	5	7	2	0	78	82	0	— 4	0	— 0.6	2.5	6
	Ormara	000	0	6	27	03	98	02	1	985	85	6	4	5	0	0	81	82	—	—	0.1	— 0.6	2.0	6
	Las Bela																							8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	14	96	03	2	985	83	5	0	9	4	3	79	79	+ 1	— 1	6.2	+ 2.6	6.2	8
	Karachi (Air Port)	000	2	7	25	05	96	01	5	980	83	5	6	4	3	0	79	81	—	—	8.5	—	8.8	—
	Badin	000	3	8	23	02	95	03	2	977	82	8	8	7	x	x	79	80	— 8	— 1	3.7	0	3.7	9
	Nagarparker																							—
	Umarkot	000	0	6	20	05	98	02	0	963	81	0	0	9	0	2	78	78	—	—	5.5	—	6.3	—
	Hyderabad	000	0	5	23	02	97	03	0	974	85	2	0	9	2	8	77	82	— 4	+ 2	4.2	+ 1.2	5.0	7
Khairpur	Pad-i-dan	069	9	3	00	00	98	03	6	968	87	0	0	9	0	4	79	81	—	—	4.7	—	4.9	—
	Nawabshah	000	0	8	00	00	96	03	2	978	84	6	0	9	1	1	79	84	—	—	2.6	—	3.3	—
	Sukkur	000	9	2	00	00	96	02	1	965	88	0	0	9	0	5	78	84	—	—	1.1	—	2.1	4
	Kashmore	000	0	0	18	07	98	02	0	xxx	94	0	0	9	0	0	78	xx	—	—	0.2	—	1.2	—
	Jacobabad	000	0	3	00	00	96	03	0	968	91	1	0	9	4	8	72	87	— 8	+ 3	3.7	+ 2.5	5.4	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							
	Gilgit																							5
Rawalpindi	Murree	039	9	9	13	05	92	49	1	436	63	9	x	0	x	x	61	59	—	—	16.4	+ 1.3	48.6	59
Peshawar	Drosh	000	0	3	00	00	98	03	0	419	80	3	1	7	0	0	64	77	—	+ 4	1.2	—	30.4	18
	Cherat	000	0	8	18	01	94	47	2	408	72	8	0	9	2	x	70	69	— 5	— 2	3.0	— 1.6	13.0	29
	Kakul	072	9	5	07	02	97	03	5	437	75	5	4	5	0	0	69	70	—	—	7.5	—	18.4	—
	Landi Kotal	000	0	6	05	02	98	01	2	428	76	6	6	5	8	0	68	70	—	—	2.5	—	17.5	—
	Parachinar	000	0	1	00	00	99	02	0	796	70	0	0	9	0	1	66	xx	—	—	9.0		23.0	29
D.I. Khan	Miranshah	000	0	6	13	02	98	02	0	430	81	4	1	8	2	0	75	78	—	—	2.6	+ 0.4	5.6	13
	Wana	000	0	5	00	00	99	20	2	414	78	5	0	9	2	0	66	73	—	—	9.4	—	16.4	—
	Fort Sandeman	000	0	6	02	03	97	03	0	426	77	6	5	6	0	0	69	75	— 4	+ 9	2.4	— 0.1	11.1	11
Quetta	Hindubagh	000	2	6	00	00	96	02	1	399	75	5	0	9	3	4	65	74	—	—	1.0	—	9.1	—
	Loralai	000	0	3	00	00	98	02	0	449	75	0	0	9	0	3	71	68	—	—	5.3	—	11.1	—
	Harnai	000	0	0	27	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	3.8	+ 0.5	8.2	14
	Quetta	000	0	0	18	02	96	02	0	401	77	0	0	9	0	0	67	70	—	—	2.8	+ 2.3	8.4	8
	Chaman	000	0	0	13	03	98	02	0	418	88	0	0	9	0	0	62	78	+ 4	+ 3	0.1	— 0.1	6.2	7
Kalat	Kalat	000	0	2	00	00	98	02	1	403	78	2	0	9	1	0	60	65	0	+ 4	1.6	+ 0.9	6.8	9
	Nushki	000	9	1	13	04	98	01	1	451	91	0	0	9	0	1	73	84	—	—	0.4	—	2.2	—
	Dalbandin	000	9	2	31	02	95	05	0	404	87	0	0	9	0	9	59	83	+ 1	+ 5	0.3	+ 0.2	2.3	5
	Panjgur	000	0	7	23	02	98	03	1	423	79	7	0	9	4	0	64	77	— 9	0	0.5	—	2.1	4
Afghanistan	Kabul	000	0	0	00	00	99	00	0	468	75	0	0	9	0	0	61	65	—	—	—	—	—	12
	Kandahar																							

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 28th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch h_s	O T_s T_s T_d T_d	Id_wd_w PH_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cilicia	73 196	599 00	8 22 18	97 02 2	991 75	80 9 3x	26 70 5	...	0 52 75	1 22 43
Chambord	23 197	590 06	8 22 19	97 03 2	015 75	85 5 xx	15 20 5	...	0 07 72	1 22 34
Cilicia	23 208	612 06	8 23 18	97 02 2	021 79	57 6 1x	26 11 0	...	0 02 78	1 23 44
Fogo	23 242	591 06	5 00 00	97 02 2	960 91	54 7 00	76 74 0	...	0 04 88	1 00 00
Chambord	23 202	594 09	7 23 19	97 02 2	005 81	77 3 30	15 71 0	...	0 10 79	1 23 34
City of Coventry	23 174	565 12	6 23 24	97 05 2	002 78	68 3 00	13 62 0	...	0 51 75	1 72 62
Bagdad	23 262	567 12	4 20 10	98 01 1	965 90	40 7 40	34 72 0	...	0 52 82	1 20 x0
Cilicia	23 213	623 12	7 23 18	97 02 2	996 71	41 6 71	26 70 3	...	0 01 xx	1 23 45
Chambord	23 209	596 12	5 23 20	97 01 2	990 77	50 5 80	15 71 5	...	0 04 70	1 23 34
Bagdad	23 258	571 15	4 20 10	98 01 1	965 90	00 9 09	34 40 0	...	0 52 82	1 20 x1
Chambord	23 214	597 15	5 23 27	97 01 2	985 75	50 5 50	85 70 5	...	0 01 73	1 23 34
City of Coventry	23 183	578 18	7 22 24	97 02 2	014 76	78 3 00	15 21 0	...	0 51 75	1 72 62
Caltex Delft	23 230	607 18	1 19 17	98 01 1	979 79	11 4 00		...	0 00 76	1 19 32
Chambord	23 223	600 18	0 22 15	98 01 0	000 73	00 9 00	85 21 5	...	0 00 72	1 22 33
Cilicia	23 226	640 18	7 33 24	97 02 2	016 80	37 6 60	26 20 8	...	0 53 79	1 23 44
Damra	23 243	607 18	4 15 18	97 03 0	983 81	44 7 00	25 21 7		0 57 79	1 15 32

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPPTTTT_dT^dT_d	HHHTTT $T^dT^dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	..	Misda	...	..	..	..	..	...	..	...	..	...	..
Jiwani ...														
Karachi ...	00 00	995 278 256	...	...	370 222 999	...	043 145 999	324 058 999	791 538 999	526 725 999	967 752	246 982	...	...
Lahore ...														
Multan ...														
Peshawar ...														
Quetta ...	01 00	824 232 178	...	..	...	..	110 185 132	406 092 999	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		PPPTTT $T^dT^dT^d$									PPPTTT $T_dT_dT_d$	St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	..	Misda	...	...	..	...	..	...	...	...	...	...
Jiwani ...													
Karachi ...	00 00	...	...	...	..	...	...	..	...	...	200 982 999	...	...
Lahore ...													
Multan ...													
Peshawar ...													
Quetta ...	01 00	800 245 168	795 252 162	...	...	...	...	...	...	...	795 252 162	..	...

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	14 22	15 22	14 26	14 30	...	...	...	...	...
Chaklala ...	...	04 14	18 07	16 03	...	...	...	...	...
Chhor ...	23 23	23 27	24 25	...	...	...	...		...
Chittagong ...	15 20	16 29	16 46	...	...	...		...	...
Cox's Bazar ...	No	Ascent			...	...	...	...	...
Dacca ...	15 19	15 27	16 30	16 27	16 29	15 33	...	...	...
Dalbandin ...	...	...	24 01	22 05	24 04	33 06	29 03	04 09	04 08
D. I. Khan ...	...	...	...						
Drosh ...	...	...	...		22 09	21 16	19 23	18 31	18 36
Fort Sandeman ...	...	...	...	11 03	07 04	02 09	33 19	34 20	31 07
Jacobabad ...	17 03	15 02	10 02	07 03	03 12	03 16	...	...	...
Jessore ...	14 17	...	...		...	...	...	...	...
Jhelum ...	12 09	12 11	11 12	11 18	...	...	...		...
Jiwani ...	14 14	13 10		...	...	...	...	...	...
Karachi ...	25 12	25 14			...	...	...	...	
Khanpur ...	07 04	09 04	08 03	07 08	04 06	...	...	...	...
Lahore ...	07 05	08 06	16 06	17 09	17 09	16 08	...	...	...
Multan ...	09 04	08 09	09 07	11 08	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...			...
Peshawar ...	...	06 08	11 10	13 12	16 08	28 08	35 15	35 16	32 21
Quetta ...	...	...	..	...	22 15	25 10	32 11	33 09	36 10
Sharjah ...	...			...	...	...	...	...	...
Sylhet ...	11 09	11 10	14 11	...	...	...	...		...
Veraval ...	...	...	...	...	...	...	...	...	..

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	11 21	...	...		...	...
Chaklala ...	...			...	..	...
Chhor ...	12 11	28 17		..		...
Chittagong ...	No	Ascent	Ascent	...	...	...
Cox's Bazar ...	No	Ascent	Ascent		...	...
Dacca ...	14 35	14 23	...	...		...
Dalbandin ...	...	...	24 08	21 09	24 22	28 06
D. I. Khan ...	...	...	...	...		
Drosh ...	...	...	...	xx xx	20 08	20 06
Fort Sandeman ...	...			03 08	03 01	04 04
Jacobabad ...	08 03	05 04	03 08	04 05	05 08	24 19
Jessore ...	No	Ascent				
Jhelum ...	06 06	12 13	13 10	15 09	15 07	15 10
Jiwani ...	12 07	13 06	11 06	...		...
Karachi ...	27 19	27 22	27 22	...	...	
Khanpur ...	34 06	01 10	03 12	03 11	35 12	01 21
Lahore ...	14 09	17 12	16 10	12 05	11 05	11 03
Multan ...	10 08	08 06	36 05	01 08	01 15	36 12
Muscat ...	...	...		...	...	...
Panjgur ...	...	...				...
Peshawar ...	..	03 09	13 02	18 07	10 01	...
Quetta ...	..		...	...	17 07	24 14
Sharjah ...				...	...	...
Sylhet ...	13 04	16 12	17 17	...	...	...
Veraval ...		...	...			...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	..					...	...	...	...	...	...
Chaklala ...	...	16 04	14 05	13 03	11 05	...	...	...	...	...	...
Chhor ...			...	...	...	...	...	...	...	...	...
Chittagong ...	16 27	17 37	...	...	...	...	...	...	..	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	..	...	...	...	..
Dacca ...	14 12	14 14	14 14	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	25 01	21 07	27 06	30 05	13 03	21 10	23 07	07 10	03 09
D. I. Khan ...	...	...	...	...							
Drosh ...		...	...	...	24 08	19 04	19 07	18 12	19 19	18 23	...
Fort Sandeman ...				36 01	04 03	04 06	35 12	36 06	32 10	30 07	29 07
Jacobabad ...	07 12	07 08	08 12	10 23		...	...	...	...	...	...
Jessore ...	16 05							...			
Jhelum ...	12 07	13 11	13 07	xx xx	05 17	08 05	31 08	22 18	...	...	...
Jiwani ...	13 05	14 07		...					...	...	
Karachi ...	28 13	29 15	30 09		...	...	...	...	...	...	...
Khanpur ...	07 07	06 12	05 13	04 15	05 17	05 19	02 24	03 24	...	...	...
Lahore ...	13 09	14 11			...		...	...	...	...	..
Multan ...	06 04	05 06	05 10	...	...		...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	..
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	14 02	33 08	24 04	36 00	25 05	[illegible] 06	...
Sharjah ...											
Sylhet ...	09 08	13 10	16 13	16 13	16 13	17 15	16 18	16 19	15 18	...	...
Veraval ...	..	...		...	...	...	...	...	...		

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Misda																	
Karachi ...	28 19	30 19	31 17	33 17	36 18	09 20	03 37	06 27	07 21	07 19	09 17	09 17	09 21	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

Cloud observation Data (GGiii Cdd$_{v_1v_2}$etc.)

12 571 61 113 11 640 31 708 05 716 33 529

The accuracy of individual entries in this report can not be guaranteed. Corrections can be obtained if necessary, on application to the Meteorologist, Weather Central, Air Port, KARACHI 14.

PAKISTAN DAILY WEATHER MAP

MONDAY, 27th JULY, 1959

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

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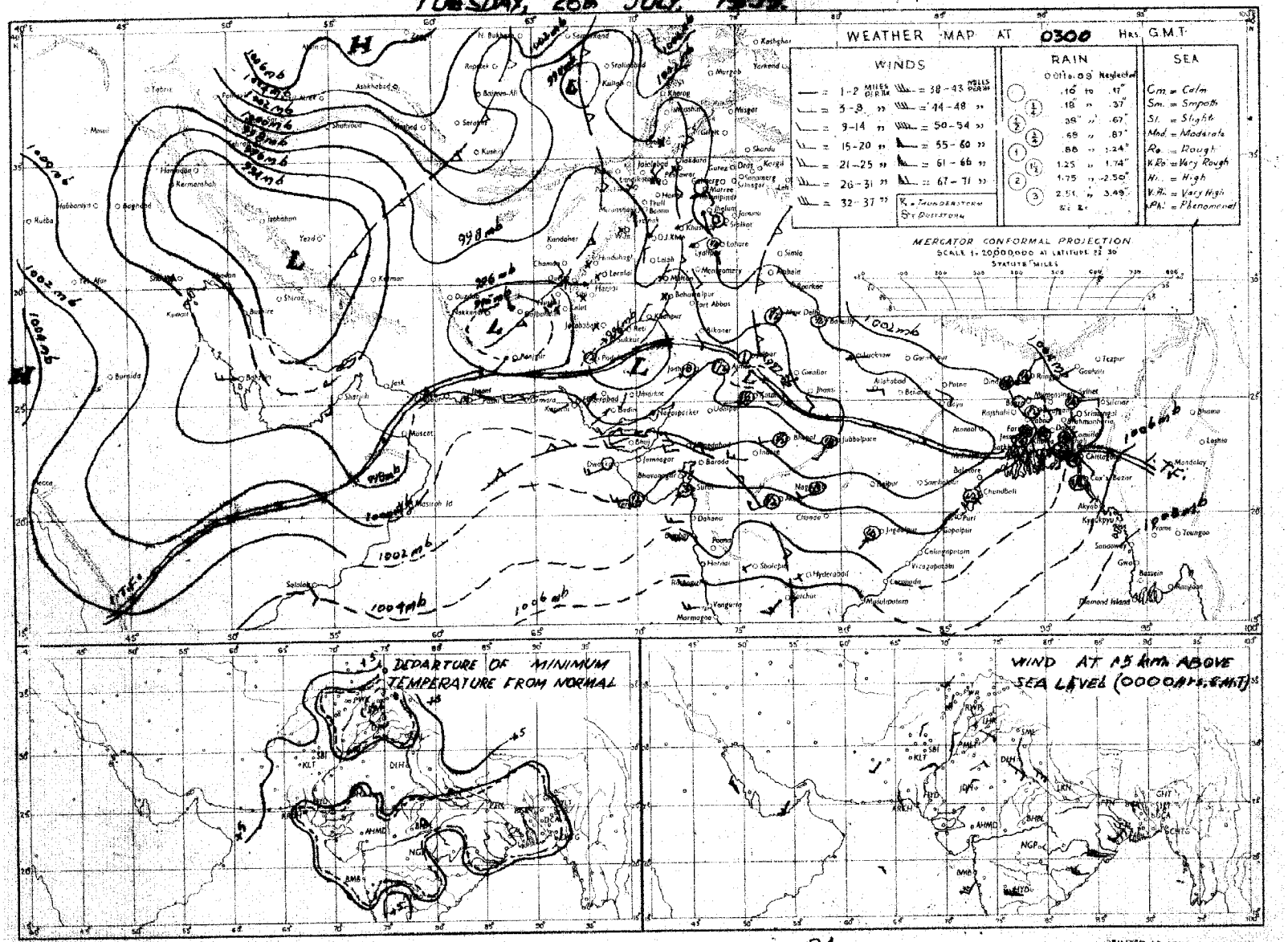
PAKISTAN DAILY WEATHER MAP

TUESDAY, 28th JULY, 1959



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

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Monthly Sub cription

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Reg. No.S-1457
Volume No. 13

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 29th JULY, 1959.

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

Yesterday's low over southeast Rajasthan now lies as a trough of low over Hyderabad division. The other low over West Rajasthan and adjoining areas persists.

The low pressure wave over north Afghanistan is now moving across Rawalpindi and adjoining Peshawar divisions.

A fresh low pressure wave is moving across north Afghanistan.

Widespread rain/thundershowers have occurred in Lahore divisions, fairly widespread in Khairpur division, local in Peshawar, Hyderabad divisions and the Federal Capital area and scattered in Rawalpindi, Multan, Quetta and Kalat divisions.

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

Chief amounts of rainfall are: Umarkot 3"; Sialkot 2", Sylhet, Khulna, Lahore, Hyderabad 1½" each; Barisal and Murree 1" each; Maijdee Court, Jessore, Cox's Bazar and Panjgur 3/4" each; Chittagong, Comilla, Brahmanbaria, Srimangal, Mymensingh, Narayanganj, Dacca, Faridpur, Sirajganj and Kalat ½" each; Satkhira, Dinajpur, Cherat, Fort Sandeman, Harnai and Mithi ¼" each.

Day temperatures were 3—8 °F below normal in Lahore, Rawalpindi, Peshawar divisions and East Pakistan.

Forecast valid until the evening of 30th July, 1959. Fairly widespread rain/thundershowers will occur in Peshawar, Rawalpindi, Lahore, Hyderabad divisions, Kashmir and East Pakistan, local in D. I. Khan, Multan, Bahawalpur, Khairpur, Quetta divisions and the Federal Capital area and scattered in Kalat division.

Heavy Rainfall Warning: Locally moderate to heavy falls of rain are likely to occur in Peshawar, Rawalpindi, Lahore and Hyderabad divisions during the next 24 hours.

Karachi-11
The 29th July, 1959.

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

OBSERVATIONS

Divisions	Stations	At 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																	Departure from Normal of		Rainfall			
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level Pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud Form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form†	Dewpoint temperature °F.	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	014	9	8	16	05	95	61	6	039	76	7	5	6	2	1	75	80	075	9	8	16	05	94	61	6	058	76	7	4	6	2	x	76	75	— 5	— 1	61.1	— 3.3	76.9	140
	Chittagong																		067	9	7	16	05	97	02	6	046	81	7	6	9	5	6	76	76		— 1	46.8	+ 3.8	78.0	108
	Maijdee Court	000	9	9	50	22	98	08	0	xxx	xx	4	7	5	2	x	76	83	080	6	8	18	09	97	03	6	040	81	5	5	6	x	x	77	77	— 3	— 1	53.-	+ 11.6	85.5	115
	Comilla	000	0	8	18	14	95	02	6	026	80	8	4	5	1	1	76	84	060	5	8	18	06	97	02	6	034	83	8	4	5	x	x	77	77	— 3	0	24.9	— 8.3	55.4	94
	Brahmanbaria																		040	0	5	16	07	97	03	1	034	83	7	5	6	0	7	76	77		—	26.1	+ 1.5	52.1	76
	Sylhet	112	2	8	00	00	95	95	9	024	76	6	7	7	2	1	75	86	163	9	7	09	02	96	02	9	041	81	7	5	6	8	0	76	76	—		84.9	—	172.9	—
	Srimangal	043	7	8	80	08	96	02	0	021	79	8	5	4	1	1	76	88	067	8	4	13	03	96	03	6	041	83	3	4	5	0	1	73	76	— 2	0	36.8	+ 4.9	78.6	98
Dacca	Mymensingh	025	7	8	09	02	97	21	6	009	81	8	4	5	1	1	78	84	057	7	8	13	02	96	02	6	027	80	8	6	3	x	x	77	76	— 3	— 2	28.6	— 4.1	5.7	91
	Narayanganj	003	9	8	18	03	94	03	2	004	82	7	9	3	2	1	76	84	056	4	8	18	03	93	61	6	023	78	8	0	9	7	x	76	78	— 4	— 1	26.7	+ 2.1	47.7	74
	Dacca (Tezgaon)	015	6	8	18	09	97	02	6	998	80	3	8	4	7	1	76	84	043	9	7	18	07	92	01	6	021	80	6	3	4	3	0	75	77	—	—	25.9	—	42.4	—
	Faridpur	021	6	8	16	05	96	02	6	002	80	8	4	6	1	1	77	82	056	9	8	16	02	97	03	6	023	81	8	5	7	0	0	76	74	5	5	21.2	— 3.2	48.4	71
	Barisal	023	4	8	18	02	97	03	6	006	80	7	6	9	0	8	76	81	092	4	8	00	00	97	03	6	026	80	6	0	8	4	3	79	76	— 6	— 2	41.8	+ 11.5	56.7	81
Rajshahi	Khulna	063		8	13	03	95	01	6	999	79	8	5	6	1	1	78	82	144	0	8	18	03	95	02	2	020	80	8	5	6	x	x	77	76	— 5	— 2	30.4	+ 4.4	51.2	68
	Satkhira	028	0	8	18	02	94	03	6	996	80	8	6	7	0	0	77	85	028	0	8	00	00	95	03	2	016	80	x	x	7	x	x	78	75	— 3	+ 3	22.5	— 2.4	40.9	65
	Jessore	036	5	8	18	03	97	02	2	981	82	8	7	5	0	0	76	84	076	9	8	18	03	96	03	6	014	80	9	7	5	x	x	79	75			16.8	— 6.8	32.7	65
	Sirajganj	002	4	7	13	03	96	02	6	991	83	4	4	6	2	0	77	85	044	8	8	18	05	98	02	5	016	80	8	4	5	0	0	75	77	— 3	— 2	18.5	— 4.7	44.5	64
	Bogra	000	8	8	00	00	96	02	2	987	85	8	4	7	0	0	76	88	008	1	6	13	05	96	02	3	011	83	4	5	6	0	8	77	73	— 4	+ 6	17.3	— 7.6	36.4	69
	Dinajpur	000	0	4	13	02	96	01	1	xxx	85	8	4	7	0	0	76	88	026	3	8	00	00	96	02	2	007	80	8	4	7	L	0	79	78	— 2	— 1	21.5	6.6	37.9	72
	Rangpur																		000	8	8	09	05	96	03	2	xxx	79	8	5	6	x	x	78	78	— 2	0	30.5	— 2.4	52.4	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	3	4	05	02	96	01	5	969	87	2	1	7	7	2	79	90	017	7	7	13	02	96	29	9	010	79	3	9	6	2	0	77	77	— 9	— 2	1.3	+ 0.6	11.3	19
	Sialkot	192	8	1	00	00	98	01	6	968	88	1	2	6	x	x	78	80	192	5	1	00	00	98	01	1	995	86	2	4	6	7	0	79	76	8	— 3	27.1	+ 16.9	33.8	32
Rawalpindi	Jhelum	000	8	5	13	02	98	02	2	966	90	4	2	7	3	0	77	91	000	3	3	13	02	97	01	1	997	87	2	1	7	3	0	77	80	—	—	11.4	—	37.2	—
	Rawalpindi	000	0	2	36	02	99	01	9	963	89	2	2	7	0	0	67	92	000	0	3	09	02	99	00	1	987	86	2	2	7	0	0	76	79	4	+ 2	15.3	+ 5.5	38.1	36
	Khushab	000	0	2	05	03	99	01	1	975	97	2	2	6	0	0	78	97	000	0	0	07	02	99	00	0	999	87	0	0	9	0	0	80	79	— 5	— 3	10.9	+ 5.9	16.4	15
Multan	Lyallpur	000	0	7	00	00	96	03	9	960	85	7	3	8	0	0	72	93	000	0	7	05	02	96	03	9	996	81	7	3	6	0	0	75	81	— 8	— 1	6.3	+ 2.4	9.0	12
	Montgomery	000		0	00	00	96	00		975	94	0	0	9		0	74	94	000	5	0	00	00	96	00	0	992	84	0	0	9	0	0	77	78	— 9	— 4	1.1	+ 2.0	3.5	10
	Multan	000	0	3	05	02	98	01	0	947	99	2	2	6		1	73	01	000	0	3	05	02	96	02	0	991	89		1	6	0	1	80	86	0	+ 1	2.8	+ 0.5	4.9	7
Bahawalpur	Leiah	000	0	5	00	00	98	03	2	989	96	5	7	7	0		87	02	000	0	1	00	00	98	05	1	977	84	1	5	8	0	0	80	82	—	—	2.9	—	4.8	8
	Khanpur	000	0	2	06	7	96	03	0	931	04	2	0	5	2	0	82	05	000	0	0	25	02	96	03	0	971	88	0	0	9	0	0	80	83	+ 2	0	0.3	— 2.1	1.2	6
	Bahawalpur	000	0	3	13	05	96	02	1	947	07	0		8	0	0	77	02	000	0	2	00	00	97	00	0	981	91	0	0	8	1	0	80	80	0	— 3	2.8	+ 0.3	2.8	6
	Fort Abbas	000	0	3	09	02	98	01	1	941	93		1	7	3	0	78	00	000	0	4	16	03	98	01	1	980	88	0	0	8	3	0	81	84	—	—	3.3	—	3.7	4
Peshawar	Chakdara	000	0	2	00	00	98	01	1	927	92	2	1	7	0	0	84	93	000	0	6	00	00	99	01	2	985	80	0	0	8	6	0	75	76	—	—	2.1	—	17.7	
	Peshawar	000	0	2	03	07	98	02	2	948	95	3	2	6	3	0	78	96	000	3	7	36	05	98	01	6	999	80	5	6	3	2	0	73	76	— 5	— 4	2.2	+ 0.8	15.3	14
	Haripur	000	4	6	05	02	96	03	2	954	81	6	5	6	0	0	74	89	001	3	3	23	02	97	02	1	982	82	3	5	6	0	0	73	77	—	—	7.5	—	18.4	
	Campbellpur	000	0	4	13	03	98	01	0	976	93	0	0	x	3	0	74	94	000	0	6	13	03	98	03	0	998	86	0	0	8	0	0	77	81	—	—	9.3	—	23.2	—
D. I. Khan	Bannu	000	0	3	09	02	99	01	0	952	94	3	0	9	3	0	74	96	000	0	4	11	01	98	03	0	983	84	4	6	5	0	0	76	82	—	—	9.4	—	16.4	11
	D. I. Khan	000	6	2	00	00	98	03	0	946	98	0	0	9	2	0	83	98	000	2	2	05	02	98	01	1	990	89	0	0	9	2	0	79	81	—	—	9.8	+ 7.1	13.5	10
Quetta	Sibi	000	3	7	13	05	97	03	1	943	94	0	7	9	0	0	75	05	007	3	3	00	00	99	03	1	975	88	0	0	9	4	0	78	79	—	—	2.1	—	2.4	5
Kalat	Nokkundi	000	0	0	16	02	98	02	0	xxx	12	0	0	9	0	0	50	13	000	0	0	07	02	97	02	0	956	91	0	0	9	0	0	70	86	—	—	0	—	1.1	2
	Turbat	000	0	6	18	02	95	03	0	986	96	0	0	9	6	0	79	98	000	0	0	27	02	95	00	0	000	85	0	0	9	0	0	78	xx	—	—	2.1	—	6.6	—
	Jiwani	000	0	6	16	12	96	02	2	961	86	6	6	4	0	0	76	89	000	0	7	13	02	96	03	2	987	84	6	5	5	4	0	76	81	—	—	0.1	—	5.7	4
	Pasni	000	0	6	20	14	96	00	0	970	89	6	5	7	0	0	8.	.3	000	0	6	25	00	96	00	0	986	85	4	5	7	5	0	79	82	+ 2	+ 4	0	— 0.6	3.5	6
	Ormara	000	0	4	18	09	98	02	1	988	90	4	4	7	0	0	76	94	000	0	6	00	00	98	02	1	988	84	6	4	5	0	0	80	82	—	—	0.1	— 0.6	2.0	6
	Las Bela																																								8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	18	97	03	2	966	87	4	6	4	0	4	81	89	000	0	8	25	10	96	03	2	990	82	0	0	9	2	0	79	80	+ 2	0	6.2	+ 2.5	6.2	8
	Karachi (Air Port)	000	0	7	23	14	96	03	2	974	87	3	5	5	3	0	81	93	000	0	8	27	05	96	50	5	990	83	3	6	4	3	x	80	81	—	—	8.5	—	8.8	—
	Badin	000	0	0	23	02	97	00	0	686	90	0	0	9	0	0	83	91	000	0	0	23	02	96	00	0	002	82	0	0	9	0	0	79	80	— 2	— 1	3.7	— 0.2	3.7	9
	Nagarparkar	000	0	8	00	00	95	02	2	994	79	8	7	7	0	0	75	82	000	0	8	00	00	95	02	2	986	72	8	7	7	0	0	67	68	—	—	—	—	—	—
	Umarkot	000	0	6	18	07	98	00	0	951	89	2	1	6	1	0	79	90	275	8	8	23	03	98	00	8	977	81	8	5	6	0	0	80	77	—	—	6.3	—	9.0	—
	Hyderabad	000	0	7	23	07	97	03	2	952	95	5	5	6	0	1	78	11	143	9	8	00	00	97	02	6	978	82	2	5	6	2	0	79	79	+ 4	+ 1	5.7	+ 2.7	6.4	7
Khairpur	Pad-i-dan	000	4	8	09	05	97	17	9	956	86	8	3	4	x	x	77	00	000	9	7	00	00	97	03	1	979	84	7	0	9	7	0	81	82	—	—	4.7	—	4.9	—
	Nawabshah	009	1	8	18	07	96	95	9	967	88	5	3	6	2	0	83	99																		—					—
	Sukkur	000	8	7	00	00	96	03	2	944	93	7	0	9	6	0	77	01	000	9	6	00	10	96	03	1	973	87	6	0	9	6	0	78	84	—	—	1.1	—	2.1	8
	Kashmore	000	0	4	18	10	99	02	2	xxx	xx	2	2	5	0	0	86	xx	000	0	4	18	05	99	02	2	xxx	xx	2	2	9	0	0	77	75	—	—	0.2		1.2	—
	Jacobabad	001	2	7	00	00	96	01	9	952	87	4	5	5	2	0	77	03	001	9	2	00	00	96	02	9	974	89	0	0	9	7	0	78	86	— 2	+ 2	3.7	+ 2.5	5.4	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								
Kashmir	Srinagar																																								26
	Gulmarg																																								—
	Sonamarg																																								71
	Dras																																								26
	Leh																																								3
	Skardu																																								6
	Mingar																																								—
	Aliabad																																								
	Gilgit																																								5
Rawalpindi	Murree	017	3	6	27	02	97	02	6	418	68	5	3	3	8	0	64	70	096	9	7	13	02	96	02		445	62	7	5	2	x	x	61	59	—	—	17.3	+ 1.8	49.5	59
Peshawar	Drosh	000	0	2	23	14	98	03	0	364	95	2	2	7	0	0	56	98	000	3	3	00	00	98	01	2	421	84	3	2	7	0	0	63	77	+ 1	+ 4	1.2	—	30.4	18
	Cherat	000	0	2	13	03	98	81	1	413	85	2	2	6	0	0	77	86	021	0	8	18	01	90	47	4	434	72	8	5	6	x	x	72	70	— 2	— 1	3.2	— 1.5	3.2	29
	Kakul	000	4	6	13	03	97	03	9	417	78	6	4	6	0	0	69	82	002	2	5	25	03	98	20	6	439	73	4	4	6	0	2	65	67	—	—	7.5	—	18.4	—
	Landi Kotal	000	0	2	13	03	99	03	1	406	88	2	2	7	0	0	67	90	000	1	7	05	02	98	60	2	426	74	7	6	5	0	0	69	xx	—	—	2.5	—	17.5	
D.I. Khan	Parachinar	000	0	5	23	02	99	03	0	797	79	0	1	9	2	0	70	xx	000	0	0	00	00	99	00	0	796	70		0	9	0	0	64	xx	—	—	9.0	—	23.0	29
	Miranshah	000	0	2	23	02	99	00	0	409	90	0	0	9	2	0	70	92	000	0	3	00	00	98	02	0	xxx	66	0	0	9	7	0	82	82	—	—	2.6	—	6.6	13
	Wana	000	0	1	21	01	96	00	0	411	82	0		9	0	0	67	88	018	2	2	11	02	99	00	3	423	78	2	1	9	6	0	77	81	—	—	9.4	—	46.4	—
Quetta	Fort Sandeman	000	0	6	25	03	97	03	0	405	83	6	5	6	0	0	65	93	001	8	5	00	00	97	03	6	436	80	5	2	6	8	0	70	75	— 6	+ 9	2.6	— 0.1	11.3	11
	Hindubagh	000	2	6	05	01	96	02	1	352	91	0	0	5	3	4	69	90	000	0	0	00	00	98	00		401	74	0	0	9	0	0	62	73	—	—	1.8	—	9.1	—
	Loralai	000	0	4	05	02	98	02	1	455	80	0		9	2	0	.7	88	020		4	00	00	98	02	1	435	76	0	0	9	2	0	67	68	—	—	5.3	—	11.1	—
	Harnai	000	0	8	09	02	96	00	0	xxx	xx	0	0	9	0	0		xx	000	0	6	37	01	9P	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.0	+ 1.5	8.4	14
	Quetta	000	0	6	23	02	96	03	0	406	86	0	0	8	4	0	70	92	000	9	5	18	03	95	01	2	408	76	0	0	8	0	0	64	67	—	—	2.8	+ 2.3	8.4	9
	Chaman	000	0	0	27	02	98	00	0	401	03	0	0	9	0	0	51	04	000	0	0	18	02	98	02	0	417	86	0	0	9	0	0	61	79	+ 4	+ 4	0.1	+ 0.1	6.2	7
Kalat	Kalat	045	1	8	00	00	97	65	6	413	70	8	7	6	0	0	65	88	045	0	2	00	00	98	03	1	413	78	2	0		3	0	60	62	— 3	+ 1	1.9	+ 1.1	7.3	9
	Nushki	000	9	6	13	09	96	03	1	462	07	5	2	6	0	0	61	09	000	2	5	18	05	98	03	0	448	89	0	0	9		0	70	85	—	—	0.4	—	2.2	—
	Dalbandin	000	8	3	23	05	96	03	0	383	09	3	8	7	0	0	53	10	000	9	5	31	02	96	03	5	405	87	0	0	9	0	4	69	81	+ 1	+ 3	0.3	+ 0.2	2.3	5
	Panjgur	000	0	4	23	03	98	03	0	419	56	0	0	9	6	0	65	98	075	3	2	00	00	98	03	6	426	78	0	0	9	2	0	63	66	— 5	— 11	1.2	—	2.9	4
Afghanistan	Kabul	000	0	0	27	02	99	00	0	458	91	0	0	9	0	0	72	94	000	0	0	18	00	99	01	0	468	75	0	0	9	0	0	63	67	—	—	—	—	—	12
	Kandahar																																								—

† Given in Code.

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

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

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

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

114 467

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 29th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N, C_h h_s	O $T_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Chambord	33 236	592 00	3 25 10	98 03 2	970 82	00 9 06	75 80 5	...	0 56 81	1 15 21
Cilicia	33 237	664 00	6 23 24	82 32 4	987 82	85 6 00	26 51 0	...	0 55 81	1 23 44
Bagdad	33 244	583 00	0 13 10	98 02 0	975 86	97 5 30	00 90 0	...	0 54 81	1 13 31
Chambord	33 244	581 06	3 08 13	97 01 0	975 88	31 4 40	75 20 5	...	0 00 82	1 08 23
Bagdad	33 235	590 06	8 60 10	97 03 2	985 88	80 6 70	34 20 5	...	0 52 81	1 60 x0
City of Coventry	33 201	6[illegible]1 06	7 22 24	97 02 4	005 78	78 4 00	15 20 5	...	0 02 77	1 72 62
Chambord	33 255	573 12	0 09 10	98 01 0	955 90	00 9 00	75 71 5	...	0 00 77	1 09 22
City of Coventry	33 213	618 12	7 22 20	97 02 2	994 79	78 4 xx	16 60 0	...	0 52 78	1 70 62
Bagdad	33 225	400 12	8 18 15	97 02 2	960 79	32 5 00	44 61 0	...	0 40 72	1 18 22
Chambord	33 262	567 15	3 19 08	98 03 0	950 90	00 8 05	75 70 5	...	0 01 82	1 09 21
Bagdad	33 221	600 15	8 18 23	97 02 2	975 77	89 5 00	44 21 5	...	0 00 72	1 18 23
City of Coventry	33 224	631 18	7 22 18	97 02 2	021 82	78 4 xx	15 21 5	...	0 02 79	1 70 62

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTT $T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	995 281 252	516 xxx xxx	...	400 192 998	...	062 115 995	332 040 990	792 538 998	530 612 992	967 672	248 985	430 152	671 245
Lahore ...	00 00	...	Misda		...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...	00 00	824 218 152	...	...	...	...	092 148 998	370 045 995	827 565 995	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...
Jiwani ...													
Karachi ...	00 00	996 908 868	...	...	...	...	...	...	...	...	996 008 868	...	...
Lahore ...	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...													
Quetta ...	00 00	800 210 160	...	...	...	...	...	...	...	...	[illegible]00 210 160	...	...

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	13 15	15 20	14 22	14 20	14 20	15 23			
Chaklala ...		36 05	22 02	02 10	01 04	34 03	22 02	19 04	18 02
Chhor ...	19 09	19 09	15 06	05 09	04 15	03 22	04 21	04 27	02 26
Chittagong ...	17 25	17 31							
Cox's Bazar ...				No	Ascent				
Dacca ...	17 15	18 23	18 26	18 21	18 23	19 21			
Dalbandin ...			26 07	20 03	31 03	34 04	35 08	02 09	09 09
D. I. Khan ...									
Drosh ...					22 13	20 12	19 15	20 30	19 38
Fort Sandeman ...				14 04	03 04	01 09			
Jacobabad ...	05 11	08 07	05 07	07 13	04 21	01 12			
Jessore ...	No	Ascent							
Jhelum ...	14 05	14 05	15 06	14 07	12 06				
Jiwani ...	17 03	18 06	18 07	19 06					
Karachi ...	21 19	27 15							
Khanpur ...	02 07	03 08	04 07	05 12	06 11				
Lahore ...	03 09	07 11	09 08	11 07	18 06	18 06	13 03	05 06	04 04
Multan ...	03 06	04 06	05 06	02 09	02 17	02 17			
Muscat ...									
Panjgur ...									
Peshawar ...		06 09	08 07	17 09	26 03	33 13	01 11	01 07	
Quetta ...					22 09	31 07	33 13	36 12	36 07
Sharjah ...									
Sylhet ...									
Veraval ...									

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	12 06	13 11				
Chaklala ...						
Chhor ...	27 11	28 09	01 07	13 12	06 10	07 00
Chittagong ...	18 23	18 25				
Cox's Bazar ...		No	Ascent			
Dacca ...	18 15	18 17	18 17			
Dalbandin ...			27 09	21 07	24 16	33 08
D. I. Khan ...						
Drosh ...				22 04	23 11	21 07
Fort Sandeman ...				15 03	05 06	
Jacobabad ...	35 07	34 07	07 09	06 12		
Jessore ...	20 09					
Jhelum ...	09 06	11 13	12 10	15 10	19 07	29 06
Jiwani ...	18 01	19 02	19 03	19 06	19 05	07 10
Karachi ...	27 14					
Khanpur ...	27 15	27 20	27 23	18 30	31 33	
Lahore ...	16 15	17 17	18 09	07 06	05 06	
Multan ...	07 07	05 01	03 04	08 06	11 07	07 12
Muscat ...						
Panjgur ...						
Peshawar ...						
Quetta ...					02 01	30 12
Sharjah ...						
Sylhet ...	14 15	18 20	18 25	22 15		
Veraval ...						

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	11 08										
Chaklala ...		15 04	14 05	13 05	01 01	33 04	34 04	23 04	24 05		
Chhor ...											
Chittagong ...	16 08	16 15									
Cox's Bazar ...											
Dacca ...											
Dalbandin ...			22 01	21 08	29 07	03 13	06 09	13 07	12 05	05 08	13 0
D. I. Khan ...											
Drosh ...					23 03	20 05	31 02	25 05	25 05		
Fort Sandeman ...				20 01	15 03	12 02	35 09	35 10	36 03	26 03	09
Jacobabad ...	04 10	11 03	10 08	09 21	08 14						
Jessore ...	20 05	21 12									
Jhelum ...	13 04	14 05	14 06	09 02	06 02	25 03	01 02	30 05	26 06	34 05	
Jiwani ...	11 07	09 07	09 04	33 02	32 04	33 03					
Karachi ...	29 09	29 11									
Khanpur ...	06 01	06 04	04 08	04 10	05 08	04 08	05 07	04 13	02 05	08 05	
Lahore ...	11 02	17 08	17 11	17 07	07 03	07 03	32 04	26 06	27 03		
Multan ...	03 08	06 08	08 09	10 11	07 07	08 07	02 17	04 22	30 06	21 06	23
Muscat ...											
Panjgur ...											
Peshawar ...		24 08	22 05	19 05	23 05						
Quetta ...					20 03	02 11	02 11	35 08	36 12	21 06	13
Sharjah ...											
Sylhet ...	10 07	16 08	17 11	18 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	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	27 19	27 19	29 14	34 08	05 08	04 15	05 29	04 37	04 37	10 19	10 14	10 17	07 26	08 33	09 29	07 52	08 67	
Peshawar ...																		
Quetta ...																		

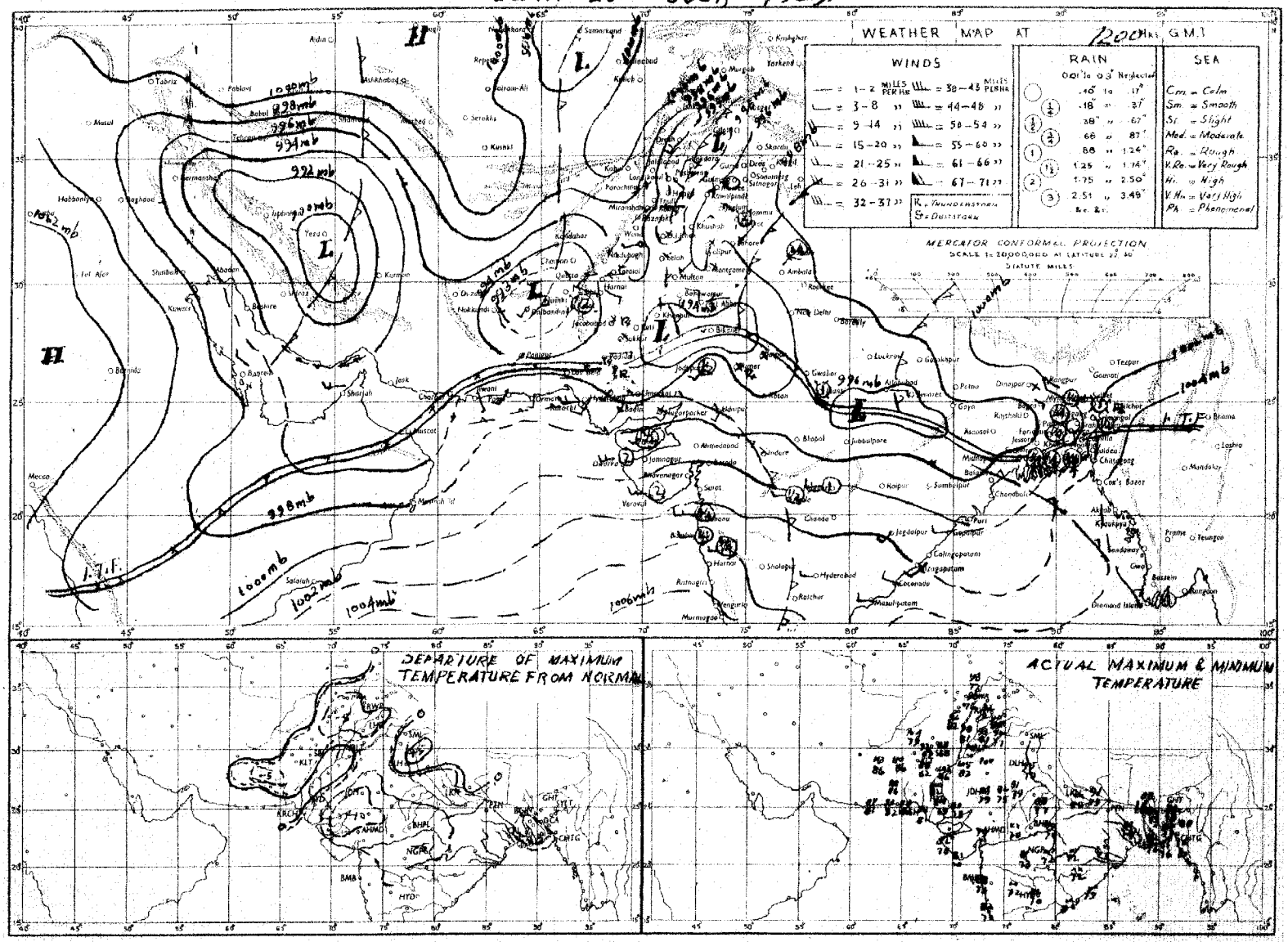
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted

Cloud observation Data (GGiii Cdd$_{v.v.}$etc.)

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

PAKISTAN DAILY WEATHER MAP

TUESDAY 28th JULY, 1959.



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

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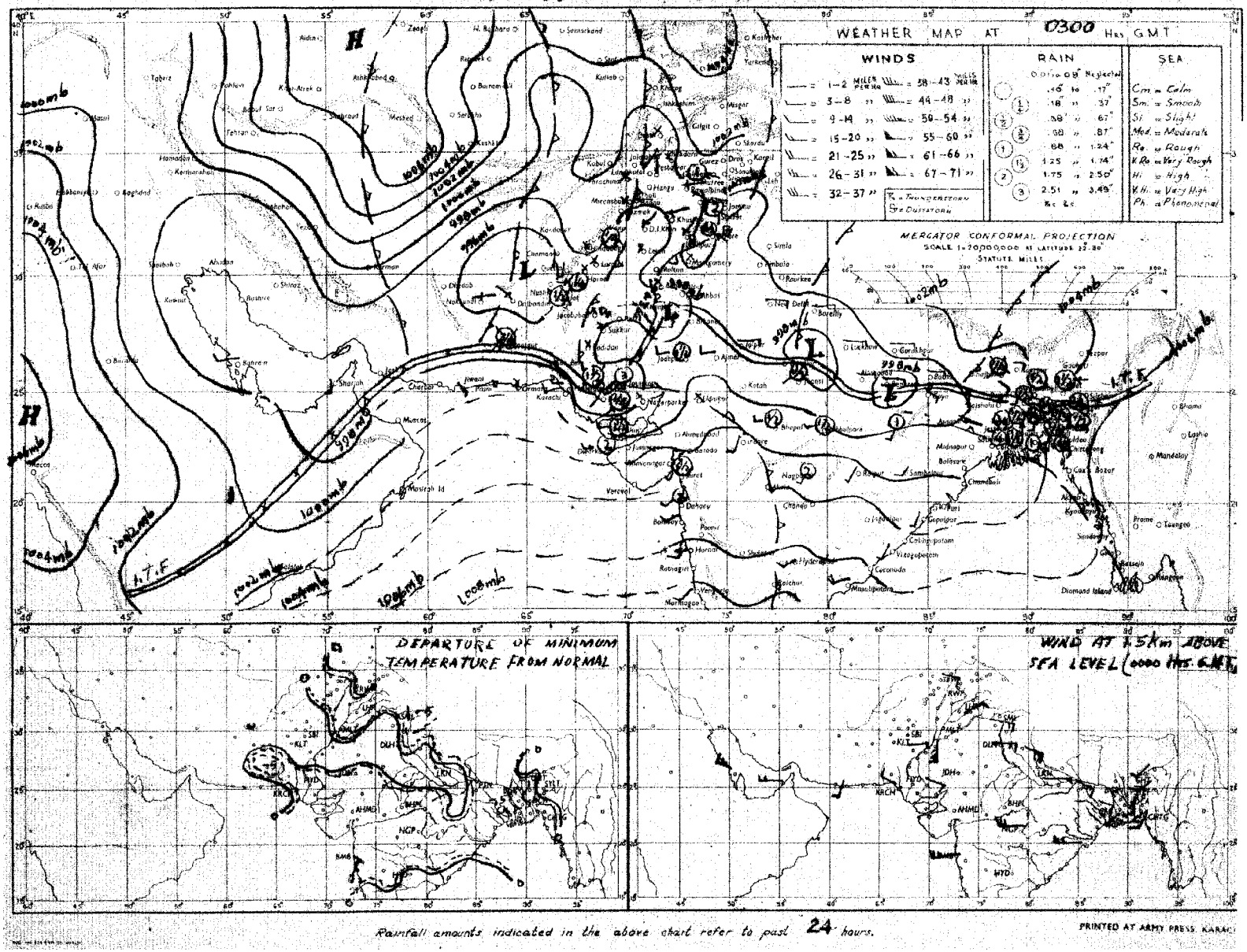
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 29th JULY, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

THURSDAY THE 30th JULY, 1959.

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

The trough of low over Hyderabad division moved to Kalat division and merged in the seasonal low.

The other low now lies over Khairpur division and the adjoining areas.

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

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

Widespread rain/thundershower have occurred in Hyderabad division and the Federal Capital Area, fairly widespread in Khairpur division, local in Rawalpindi, Peshawar, Quetta and north Kalat divisions and scattered in Bahawalpur and south Kalat divisions.

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

Chief amounts of rainfall are: Kakul 3"; Murree, Bahawalpur, Kalat, Umarkot 2" each; Cox's Bazar Campbellpur 1½" each: Nagarparkar 1"; Cherat 3/4"; Sylhet, Barisal, Rangpur, Chaklala, Karachi (Airport), Hyderabad, Mithi, Nawbshah ½" each; Chittagong, Maijdee Court, Srimangal, Mymensingh, Narayanganj, Sirajganj, Loralai, Karachi (Manora) and Badin ¼" each.

Day temperatures were 3—7 °F below normal over West Pakistan.

Forecast valid until the evening of 31st July, 1959. Fairly widespread rain/thundershowers will occur in Hyderabad, Khairpur, Lahore, Rawalpindi divisions, the Federal Capital Area, Kashmir and East Pakistan, local in Peshawar, Multan and Quetta divisions and scattered elsewhere in West Pakistan.

Heavy Rainfall Warning: A few moderate to heavy falls are likely to occur in Hyderabad, Lahore, Rawalpindi, Peshawar, divisions and Kashmir during the next 24 hours.

Karachi-11
The 30th July, 1959.

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

OBSERVATIONS

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

Divisions	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	139	9	7	20	05	95	61	6	029	76	6	5	6	2	0	76	80
	Chittagong	023	7	6	16	02	97	02	6	025	80	4	4	5	2	0	76	86
	Maijdee Court	015	9	8	18	05	97	01	5	017	80	2	2	5	2	2	77	84
	Comilla	000	0	8	18	14	96	02	2	016	83	8	4	5	x	x	76	87
	Brahmanbaria	000	0	5	16	05	97	03	1	000	83	1	5	5	0	5	76	88
	Sylhet	006	1	7	23	05	94	63	2	019	81	7	7	4	0	0	77	85
	Srimangal	033	2	6	00	00	96	03	6	003	82	4	3	4	0	2	77	90
Dacca	Mymensingh	037	4	8	13	02	98	02	6	008	81	8	7	4	x	x	80	85
	Narayanganj	011	9	7	18	05	96	03	6	001	83	3	4	3	7	0	77	84
	Dacca (Tezgaon)	011	9	7	6	10	97	02	6	995	83	7	8	4	4	0	78	83
	Faridpur	00.	8	4	16	05	96	01	1	004	84	3	4	8	1	8	78	85
	Barisal	055	4	8	13	02	97	03	6	005	82	6	7	5	2	x	79	87
Rajshahi	Khulna	000	0	8	00	00	96	01	1	995	85	5	5	7	0	0	76	85
	Satkhira	000	0	4	23	03	96	01	2	995	84	4	1	7	0	0	77	87
	Jessore	010	6	4	18	02	96	02	6	995	83	4	4	5	0	0	79	85
	Sirajganj	024	8	8	0.	00	98	02	6	982	82	8	0	9	4	x	79	86
	Bogra	000	0	6	13	03	96	02	2	993	83	6	4	5	-	0	77	87
	Dinajpur	000	9	6	00	00	96	02	2	989	84	6	0	9	2	0	78	88
	Rangpur	050	5	8	09	05	96	02	6	xxx	83	8	5	6	x	x	77	85
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	001	8	6	36	02	96	03	5	966	91	4	4	6	-	5	81	95
	Sialkot	000	3	2	23	02	9.	01	2	963	90	1	2	6	4	0	76	93
Rawalpindi	Jhelum	000	8	4	18	03	97	02	1	959	94	4	2	7	0	0	79	97
	Rawalpindi	000	0	6	13	02	98	02	1	958	94	6	2	8	0	0	76	95
	Khushab	000	0	4	05	02	96	03	1	972	88	4	2	6	0	0	78	97
Multan	Lyallpur	000	0	6	29	02	96	02	0	957	96	6	0	9	6	0	75	96
	Montgomery	000		(	00	00	96	00	.	953	97	0	0	9	0	0	74	97
	Multan	000	0	6	23	03	97	95	0	955	92	3	9	5	6	0	81	03
Bahawalpur	Leiah	000	0	8	36	03	98	05	2	965	91	5	7	8	3	0	65	98
	Khanpur	xxx	x	8	18	5	95	05	0	938	98	8	5	8	3	x	79	06
	Bahawalpur	198	0	2	0.	00	97	50	6	951	94	x	x	x	x	x	75	99
	Fort Abbas	000	0	5	02	07	98	03	0	941	90	4	3	6	4	0	87	00
Peshawar	Chakdara	000	0	1	23	02	99	01	1	964	92	1	1	7	0	0	84	93
	Peshawar	000	8	1	36	05	98	02	9	995	93	1	1	6	0	8	74	94
	Haripur	000	0	4	23	04	97	03	2	952	93	4	5	6	0	0	78	94
	Campbellpur	000	8	2	18	04	98	62	6	981	92	0	0	9	0	9	79	94
D. I. Khan	Bannu	000	0	3	13	02	99	01	0	942	97	3	0	9	3	0	73	97
	D. I. Khan	000	6	4	00	00	98	03	0	943	00	0	0	9	0	4	83	01
Quetta	Sibi	000	9	5	13	02	98	03	1	936	05	5	0	9	3	0	71	06
Kalat	Nokkundi	000	3	1	27	02	98	02	0	912	12	0	0	9	0	9	47	13
	Turbat	000	0	4	27	04	96	03	8	958	03	4	0	9	6	0	80	06
	Jiwani	000	0	5	13	12	96	03	1	965	87	3	2	5	4	0	77	09
	Pasni	000	0	7	16	17	96	02	1	970	88	7	0	9	5	0	83	92
	Ormara	000	0	6	23	07	98	02	1	973	88	6	2	5	0	0	80	90
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	023	4	8	27	10	96	03	9	977	83	8	0	9	2	x	79	84
	Karachi (Air Port)	017	3	8	25	07	96	02	9	977	83	5	6	4	3	x	80	86
	Badin	000	9	8	23	02	95	03	2	969	82	8	9	7	x	x	79	86
	Nagarparkar	050	4	8	23	02	95	02	6	965	71	8	7	7	x	x	76	xx
	Umarkot	000	0	8	23	03	98	62	1	951	93	8	1	5	x	x	82	95
	Hyderabad	000	0	8	23	07	97	02	2	955	87	3	5	6	2	x	79	9
Khairpur	Pad-i-dan	000	3	7	18	03	98	17	9	936	00	7	3	6	0	0	76	01
	Nawabshah	000	0	8	23	08	96	03	2	946	95	6	9	5	2	x	80	0.
	Sukkur	000	1	4	02	05	94	05	4	941	93	6	0	9	6	0	77	02
	Kashmore	000	0	6	05	07	99	02	2	xxx	08	2	2	8	1	0	86	xx
	Jacobabad	000	3	7	05	02	96	02	9	741	97	3	8	5	2	0	76	03
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Minimarg																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	013	3	7	31	05	98	02	6	475	68	3	1	4	5	0	63	71
Peshawar	Drosh	000	0	0	23	16	98	02	0	366	96	0	0	9	0	0	53	98
	Cherat	003	7	2	18	01	99	01	6	418	82	2	2	8	0	0	70	83
	Kakul	000	7	4	13	03	98	03	1	418	80	4	4	7	0	0	68	83
	Landi Kotal	000	0	1	05	02	99	01	1	406	87	1	1	7	1	0	69	84
D.I. Khan	Parachinar	000	0	3	13	03	99	02	0	796	83	3	0	9	1	0	67	xx
	Miranshah	000	0	0	05	02	99	00	0	457	91	0	0	9	0	0	69	93
	Wana																	
Quetta	Fort Sandeman	000	0	6	07	03	97	03	0	405	86	6	2	6	0	0	58	93
	Hindubagh	000	0	6	27	06	96	07	8	373	78	5	0	9	2	3	63	28
	Loralai	000	0	3	13	02	98	02	1	455	87	3	0	9	2	0	66	88
	Harnai	000	0	6	09	02	96	02	0	xxx	xx	x	x	x	x	x	x	xx
	Quetta	000	0	6	23	03	96	03	0	407	86	6	0	9	1	0	68	94
	Chaman	000	0	0	34	03	98	00	0	377	82	0	0	9	0	0	36	04
Kalat	Kalat	250	0	6	27	05	97	01	5	405	77	6	4	7	0	0	57	08
	Nushki	000	9	5	31	05	98	03	1	474	07	5	2	6	0	0	61	09
	Dalbandin	000	8	5	31	05	96	17	1	392	09	4	9	8	0	1	32	09
	Panjgur	000	0	4	23	03	98	03	1	415	95	4	0	9	3	0	62	96
Afghanistan	Kabul	000	0	0	18	02	99	00	0	459	89	0	0	9	0	0	72	94
	Kandahar																	

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

Divisions	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Cox's Bazar	139	9	7	16	07	95	21	6	059	78	5	5	6	5	0	77	74
	Chittagong	033	4	6	13	05	97	02	3	054	81	4	4	5	2	0	77	75
	Maijdee Court	020	9	8	13	13	97	02	2	048	81	2	5	6	2	x	77	76
	Comilla	000	0	8	00	00	97	02	2	052	83	8	4	5	x	x	76	7o
	Brahmanbaria	012	0	6	13	02	97	03	1	047	83	6	4	5	0	0	76	76
	Sylhet	067	9	4	09	05	96	02	6	058	84	4	8	6	3	0	76	74
	Srimangal	033	0	7	00	00	96	03	2	052	83	5	4	6	3	0	74	76
Dacca	Mymensingh	037	0	8	00	00	xx	xx	x	xxx	xx	x	x		x	x	xx	xx
	Narayanganj	022	9	8	16	01	96	03	2	039	83	8	7	4	x	x	77	78
	Dacca (Tezgaon)	011	9	8	13	07	97	03	5	034	80	8	4	4	x	x	77	78
	Faridpur	000	9	8	16	02	97	03	0	021	82	8	5	7	x	x	76	76
	Barisal	065	4	6	00	00	96	03	6	035	83	6	0	8	4	0	78	78
Rajshahi	Khulna	000	0	6	00	00	96	01	2	033	83	6	4	7	0	0	77	78
	Satkhira	000	0	8	00	00	95	3	2	030	82	x	x	x	x	x	7.	7.
	Jessore	010	0	6	13	03	97	03	6	030	83	6	4	5	0	0	79	79
	Sirajganj	024	9	8	09	03	98	02	6	043	84	8	2	5	x	x	78	78
	Bogra	000	0	7	09	03	96	02	2	034	82	5	5	5	2	0	77	79
	Dinajpur	000	3	6	00	00	96	02	1	039	84	6	0	9	2	0	80	7.
	Rangpur	050	0	8	13	05	96	03	2	xxx	81	8	5	6	x	x	77	78
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	001	0	4	13	02	96	03	0	007	87	1	4	7	3	0	78	82
	Sialkot	000	5	5	05	02	97	02	1	009	84	5	4	6	0	0	78	81
Rawalpindi	Jhelum	000	3	6	05	02	98	02	0	009	88	5	2	6	3	0	77	83
	Rawalpindi	000	0	7	00	00	99	03	1	007	83	7	6	5	6	0	75	76
	Khushab	.00	0	2	00	00	99	02	0	994	88	2	2	6	0	0	81	80
Multan	Lyallpur	000	0	4	00	00	96	01	0	988	87	0	0	9	0	3	79	80
	Montgomery	000	5	0	00	00	96	00	0	989	88	0	0	9	0	0	78	93
	Multan	000	0	.	00	00	98	02	0	986	95	0	0	9	0	0	70	87
Bahawalpur	Leiah	000	0	0	13	07	97	00	1	970	95	0	0	9	0	0	87	83
	Khanpur	000	5	2	20	05	96	03	0	984	88	0	0	9	0	2	81	83
	Bahawalpur	198	0	0	00	00	97	02	6	987	88	0	0	9	0	0	81	83
	Fort Abbas	000	0	0	20	05	98	00	0	985	88	0	0	9	0	0	83	82
Peshawar	Chakdara	000	0	4	00	00	99	02	0	019	83	4	0	8	4	0	75	76
	Peshawar	000	0	8	05	03	97	03	[illegible]	005	82	6		4	2	x	78	81
	Haripur	017	3	7	23	02	97	3	2	991	80	7	0	9	7	0	76	77
	Campbellpur	151	6	8	27	02	96	60	6	039	74	8	7	5	x	x	74	74
D. I. Khan	Bannu	0.0	0	!	02	01	9	02	0	980	87	0	0	9	0	8	76	84
	D. I. Khan	000	2	1	05	02	98	01	1	989	91	0	0	9	0	1	82	83
Quetta	Sibi	016	3	4	00	00	.8	03	1	978	85	4	0	9	3	0	79	75
Kalat	Nokkundi	000	4	6	07	02	95	03	1	965	91	0	0	9	0	2	71	88
	Turbat	000	0	3	27	02	95	03	0	987	85	3	0	9	6	0	78	xx
	Jiwani	000	1	6	09	03	96	95	9	998	83	1	3	5	1	0	79	82
	Pasni	000	0	8	23	05	95	50	0	004	83	8	5	7	x	x	79	82
	Ormara	000	0	8	27	03	98	02	2	006	86	8	8	4	x	x	80	82
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	023	9	8	27	10	98	20	9	004	78	8	0	9	2	x	77	75
	Karachi (Air Port)	065	9	8	03	00	96	63	9	999	79	2	5	5	2	x	79	77
	Badin	020	4	8	23	02	95	03	6	001	80	8	8	5	x	x	79	79
	Nagarparkar	090	4	6	23	03	96	02	3	006	79	6	7	7	0	0	65	72
	Umarkot	198	0	8	23	05	98	02	6	993	80	8	5	6	x	x	79	78
	Hyderabad	068	9	4	00	00	97	01	6	993	83	2	0	9	2	1	77	78
Khairpur	Pad-i-dan	000	9	5	16	02	98	03	9	997	87	2	6	4	0	4	78	80
	Nawabshah	038	9	8	00	00	96	03	4	004	81	5	5	5	1	x	78	76
	Sukkur	090	9	4	00	00	99	03	2	987	86	0	0	9	0	9	76	81
	Kashmore	000	0	4	18	05	99	02	2	xxx	93	2	2	7	9	0	76	87
	Jacobabad	000	9	5	18	03	96	02	9	980	83	2	5	7	7	0	75	80
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Minimarg																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	030	9	9	13	02	90	49	9	456	64	9	x	0	x	x	63	60
Peshawar	Drosh	000	0	1	00	00	98	03	0	434	81	1	2	7	0	0	64	76
	Cherat	087	2	8	31	01	96	61	6	436	70	8	6	6	x	x	70	68
	Kakul	259	7	7	34	03	98	20	4	448	70	7	9	4	0	0	69	68
	Landi Kotal	000	0	7	05	01	98	03	1	429	78	7	6	5	0	0	71	xx
D.I. Khan	Parachinar	000	0	2	00	00	99	02	0	796	71	2	0	9	1	0	69	xx
	Miranshah	000	0	4	13	02	99	02	0	423	84	4	0	8	4	0	74	78
	Wana																	
Quetta	Fort Sandeman	000	0	1	00	00	98	03		436	79	0	0	9	0	3	64	72
	Hindubagh	013	8	3	00	00	96	01	6	417	72	3	0	9	1	0	63	71
	Loralai	030	0	3	00	00	98	02		438	72	0	0	9	0	3	59	64
	Harnai	000	0	4	27	01	98	02	1	xxx	xx	x	x	x	x	x	xx	xx
	Quetta	000	9	7	00	00	95	02	2	416	75	7	0	7	5	0	66	71
	Chaman	000	0	0	18	02	98	02	0	396	86	0	0	9	0	0	65	79
Kalat	Kalat	250	0	7	00	00	97	01	2	411	71	7	7	6	0	0	62	67
	Nushki	000	9	8	23	02	96	03	8	458	88	8	5	5	x	x	69	85
	Dalbandin	000	9	7	31	02	95	05	9	415	86	7	0	9	7	0	63	85
	Panjgur	000	0	7	00	00	98	33	5	434	79	7	0	9	6	0	67	66
Afghanistan	Kabul	000	0	0	18	02	99	00	0	480	74	0	0	9	0	0	61	61
	Kandahar																	

Departure from Normal of / Rainfall

Divisions	Stations (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	— 5	— 2	42.5	— 3.1	78.3	140
	Chittagong	0	— 2	47.1	+ 3.3	79.1	108
	Maijdee Court	— 2	— 2	53.8	+10.7	85.7	115
	Comilla	0	— 1	24.9	— 9.1	55.4	94
	Brahmanbaria	—	—	24.2	+ 0.7	52.2	76
	Sylhet	—	—	85.x	—	133.3	—
	Srimangal	0	0	37.1	+ 4.8	70.9	98
Dacca	Mymensingh	— 2	x	28.9	— 4.2	60.1	91
	Narayanganj	— 4	— 1	26.9	+ 2.0	47.9	74
	Dacca (Tezgaon)	—	—	26.0	—	42.5	—
	Faridpur	— 2	— 3	31.3	— 3.8	49.4	71
	Barisal	0	0	42.5	+11.6	57.4	81
Rajshahi	Khulna	2	0	30.4	+ 3.9	51.2	60
	Satkhira	— 1	+ 1	22.5	— 2.9	40.9	65
	Jessore	—	—	16.9	— 7.2	32.8	45
	Sirajganj	— 1	— 1	18.7	—	44.7	64
	Bogra	— 2	0	17.3	— 8.0	36.4	69
	Dinajpur	— 2	0	21.5	— 7.1	3. 9	72
	Rangpur	— 5	0	31.0	— 2.3	52.9	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 4	+ 3	7.3	+ 0.4	11.2	19
	Sialkot	— 3	+ 2	27.1	+16.6	33.0	32
Rawalpindi	Jhelum	—	—	11.4	—	37.2	—
	Rawalpindi	— 1	— 1	15.3	— 0.7	20.3	36
	Khushab	— 5	— 2	10.9	+ 5.7	16.4	15
Multan	Lyallpur	— 5	— 2	6.3	+ 2.3	9.0	12
	Montgomery	— 6	0	. 2	— 2.1	3.5	10
	Multan	+ 2	+ 4	3..	+ 0.3	4.9	7
Bahawalpur	Leiah	—	—	2.9	—	4.8	8
	Khanpur	+ 3	0	0.3	2.2	1.3	6
	Bahawalpur	—	0	4.7	+ 2.2	5.8	6
	Fort Abbas	—	—	3.3		3.7	4
Peshawar	Chakdara	—	—	2.1	—	17.7	—
	Peshawar	— 7	+ 1	2.2	+ 0.8	15.2	14
	Haripur	—	—	7.7		18.6	
	Campbellpur	—	—	10.8	—	24.7	—
D. I. Khan	Bannu	—	—	9.4		16.4	11
	D. I. Khan	—	—	9.8	+ 7.0	13.5	10
Quetta	Sibi	—	—	2.3		2.6	5
Kalat	Nokkundi	—		0		4.1	2
	Turbat	—	—	2.1	—	4.6	—
	Jiwani	—	—	0.1	—	5.7	4
	Pasni	+ 1	+ 4	0	— 4.7	2.5	6
	Ormara	—	—	0.1	— 0.6	2.8	6
	Las Bela						8
Karachi Federal Area & Hyderabad	Karachi (Manora)	— 3	5	6.5	+ 2.6	6.5	8
	Karachi (Air Port)	—	—	9.2	—	9.5	—
	Badin	— 7	— 2	3.9	— 0.1	3.9	9
	Nagarparkar	—	—	—	—	—	—
	Umarkot	—	—	10.3	—	11.0	—
	Hyderabad	— 7	— 2	6.3	+ 3.1	7.1	7
Khairpur	Pad-i-dan	—	—	4.7	—	4.9	—
	Nawabshah	—	—	—	—	—	—
	Sukkur	—	—	1.1	—	2.1	4
	Kashmore	—	—	0.2	—	1.2	—
	Jacobabad	— 4	— 4	3.7	+ 2.5	5.4	4
Junagadh	Veraval						28
Afghanistan	Jalalabad						—
Arabia	Muscat						4
	Kuwait						—
	HILL STATIONS						
Kashmir	Srinagar						26
	Gulmarg						—
	Sonamarg						71
	Dras						26
	Leh						3
	Skardu						6
	Minimarg						—
	Aliabad						
	Gilgit						5
Rawalpindi	Murree	—	—	19.6	+ 3.5	51.8	59
Peshawar	Drosh	+ 1	+ 3	11.2	—	30.4	18
	Cherat	— 5	— 3	4.1	— 0.6	14.1	29
	Kakul	—	—	10.1	—	21.0	—
	Landi Kotal	—	—	2.5	—	17.5	—
D.I. Khan	Parachinar	—	—	9.0	—	23.0	29
	Miranshah	—	—	4.6	+ 0.3	5.6	13
	Wana						—
Quetta	Fort Sandeman	— 6	+ 6	2.6	— 0.1	11.3	11
	Hindubagh	—	—	1.2	—	9.2	—
	Loralai	—	—	3.5	—	11.4	
	Harnai	—	—	6.0	+ 1.3	8.4	14
	Quetta	—	—	2.8	+ 2.2	8.4	8
	Chaman	+ 4	+ 4	0.1	— 0.1	6.2	7
Kalat	Kalat	— 3	+ 6	4.4	+ 3.6	9.8	9
	Nushki	—		0.4	—	2.2	—
	Dalbandin	0	+ 7	0.3	+ 0.1	1.3	5
	Panjgur	— 7	— 11	1.2	—	2.9	4
Afghanistan	Kabul	—	—	—	—	—	12
	Kandahar						—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.
Whenever 990 is given for RRR see the summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 30th JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch h_s	O T_s T_s T_d T_d	I_dd_w d_w P_wH_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Chambord	43 266	547 00	3 20 10	98 03 0	967 86	[illegible]	65 40 5	...	0 54 79	1 20 21
Chambord	43 265	539 03	7 05 09	98 03 1	980 88	[illegible]	65 22 0	...	0 53 81	1 05 x1
City of Coventry	43 243	658 06	7 25 13	97 16 2	009 83	[illegible] 00	15 20 3	...	0 51 83	1 75 51
Chambord	43 265	530 06	1 33 06	98 01 0	985 90	[illegible] 30	75 20 5	...	0 03 79	1 33 x1
Bagdad	43 195	585 09	8 22 30	97 02 2	005 73	86 5 xx	54 71 5	...	0 00 72	1 22 33
Chambord	43 268	525 09	1 31 12	98 01 0	980 91	00 9 03	75 70 5	...	0 05 70	1 31 33
Isidora	43 159	535 12	8 22 18	97 02 2	03 77	86 1 xx	16 71 3	...	0 03 72	1 20 21
Bagdad	43 191	582 12	8 22 25	97 02 2	001 73	32 5 3x	54 10 5	...	0 02 70	1 23 33
Chambord	43 282	517 12	1 30 12	98 01 0	960 91	00 9 03	75 82 0	...	0 07 72	1 30 33
Bagdad	43 188	580 15	8 22 25	97 02 2	025 73	89 4 xx	54 21 5	...	0 03 70	1 22 33
Chambord	43 276	511 15	0 28 14	98 02 0	960 88	00 9 00	75 50 0		0 03 75	1 28 x3
Chambord	43 279	5?5 18	0 27 05	98 02 0	975 88	00 9 00	75 21 5		0 03 75	1 27 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	..	Misda	..			..	..	...		...	...	...	...
Jiwani ...														
Karachi ...	00 00	996 285 285	...	...	390 192 999	...	073 138 999	353 052 999	823 515 999	568 615 999	972 762	252 988	...	...
Lahore ...	00 00	...	Misda		...	...	...	...		...	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...	01 00	825 228 192	...	...	...	...	109 142 118	393 080 999	867 535 999	628 608 999	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	..	Misda	...	...	..	...	..	...	...	...	...	...
Jiwani ...													
Karachi ...	00 00	...	...	...	.	...	...	..	...		203 988 999	...	...
Lahore ...	00 00	...	Misda	.	...	...	..	...	...	...	..	...	...
Multan ...													
Peshawar ...													
Quetta ...	01 00	800 222 168	775 218 142	470 000 999	...	...	...	...	...	..	470 000 999	..	...

PPP—Pressure in hundreds tens and units of millibars.
TTT: TdTdTd: Dry Bulb: Dew Point temperatures (In tenths of oC)
St.- Character of tropopause.

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

UPPER WIND DATA*

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

Height in Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5		7	8	9	10
Bogra ...	13 09	13 15	14 13	14 13					...
Chaklala ...		17 03	19 04	22 02	33 02	36 05	33 07	30 06	...
Chhor ...	28 03	20 03	15 05	09 11	07 15	06 19	..	...	..
Chittagong ...	20 17	21 23	21 23	20 21	20 21	...	...	...	...
Cox's Bazar ...	No	Ascent				...	...	...	...
Dacca ...	16 13	17 15	17 19	18 15	18 20	...	...	...	...
Dalbandin ...			14 05	13 03	11 01	32 04	01 14	01 11	34 13
D. I. Khan ...	...	.							
Drosh ...	...	...			21 18	20 11	31 05	33 09	34 12
Fort Sandeman ...	...	...		13 08	13 02	02 09	...		..
Jacobabad ...	12 04	12 03	12 03	04 07	06 15	03 15	...	...	...
Jessore ...	18 13	19 10	19 08						...
Jhelum ...	16 05	22 03	22 05	33 01	35 03	35 05	32 03	36 05	33 01
Jiwani ...	15 09	14 08	13 09	07 05	07 08		...		
Karachi ...	28 14	28 15				..		...	
Khanpur ...	11 15	11 11	09 12	06 18	05 17	..	..	...	...
Lahore ...	02 07	35 04	35 03	03 03	07 01	21 04		...	.
Multan ...	18 12	18 06	13 06	36 08	02 07	02 13	36 14	30 10	...
Muscat ...						...	...	...	...
Panjgur ...									
Peshawar ...	.	05 05	10 04	20 03	16 03	32 01	35 21	36 16	35 11
Quetta ...					23 06	35 07	35 15		...
Sharjah ...	...	...		..				.	
Sylhet ...	06 05	xx xx	22 04	18 15	16 12	..		...	..
Veraval ...	...		..			...	.	...	.

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

Height in Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	13 15	13 19				
Chaklala ...			11 19	...	...	...
Chhor ...	24 10	24 10	24 09	...	...	...
Chittagong ...	16 15	16 20	17 21			...
Cox's Bazar ...	17 13	16 10	19 12	23 10	19 04	...
Dacca ...	15 15	15 14	16 14			
Dalbandin ...	...	...	26 11	20 11	21 20	20 14
D. I. Khan ...	...	...				
Drosh ...	...	...	...	23 06	20 14	27 11
Fort Sandeman ...	...	...		21 05	24 04	15 03
Jacobabad ...	06 06	04 11	03 09	10 05	10 04	
Jessore ...	13 13	13 13				
Jhelum ...	09 08	12 14	14 10	19 07	22 07	26 07
Jiwani ...	09 02	12 04	15 07	14 06	10 07	11 12
Karachi ...	26 11					
Khanpur ...	23 19	24 19	24 23	25 30	25 27	
Lahore ...	18 08	18 10	18 07	29 03	32 01	01 04
Multan ...	36 04	04 03	35 02	35 05	02 07	03 06
Muscat ...				...		
Panjgur ...						
Peshawar ...		36 09	01 03	14 02	25 10	30 12
Quetta ...			...	...	13 04	29 17
Sharjah ...				...		
Sylhet ...	16 08	16 11	16 11	...	..	...
Veraval ...						...

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

Height in Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	
Bogra ...	11 13	12 15	12 17			...	...	...	...	...	...
Chaklala ...		20 04	13 04	12 08	13 06	...	...	...	...	...	...
Chhor ...						...	...	...	...	...	...
Chittagong ...	15 14	15 16	10 22	18 19	17 17	14 17		...	...	...	...
Cox's Bazar ...	14 07	11 07						...	...	...	...
Dacca ...	13 12	14 15	15 17	16 19	15 16	...	...	...	...	...	...
Dalbandin ...	...	...	22 03	21 12	23 16	35 14	04 14	...		...	...
D. I. Khan ...	...	...	...	...						...	...
Drosh ...	...	...	...	...	21 09	19 10	21 07	33 03	35 04	27 06	22 06
Fort Sandeman ...				20 01	18 06	08 05	02 08	36 11	...	...	...
Jacobabad ...	20 04	14 09	10 10	07 07	07 11	02 21	06 1?	08 13			
Jessore ...	11 04	12 07									
Jhelum ...	13 13	13 11	13 10	13 04	07 03	04 03	31 06	02 02	34 04	...	...
Jiwani ...	13 15	13 16									
Karachi ...	34 12	35 18	35 09	07 06	07 13	07 15					
Khanpur ...	18 04	17 05	11 09	11 17	11 16	06 17	15 18	02 12		...	
Lahore ...	10 07	13 08	14 06	10 04	07 03	02 01	24 04	12 07	24 09	...	...
Multan ...	07 05	09 06	08 07	08 07	07 08	06 06	31 08	25 09	21 09	18 08	19 10
Muscat ...	...		...	...	...	...	...	...		...	...
Panjgur ...	..				..	...		...	...	...	...
Peshawar ...	...	04 10	02 09	..	...	...	..	..		...	...
Quetta ...	...	...				...	...	..	...	...	...
Sharjah ...									...	...	
Sylhet ...	12 02	09 01	17 04	16 06	15 14		...		...	...	...
Veraval ...	...						...				...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Misda																	
Karachi ...	27 12	26 10	31 11	36 15	04 18	06 21	10 14	11 17	11 16	12 13	11 18	07 23	06 24	...	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

Cloud observation Data (GGiii CaCh,v,etc.)

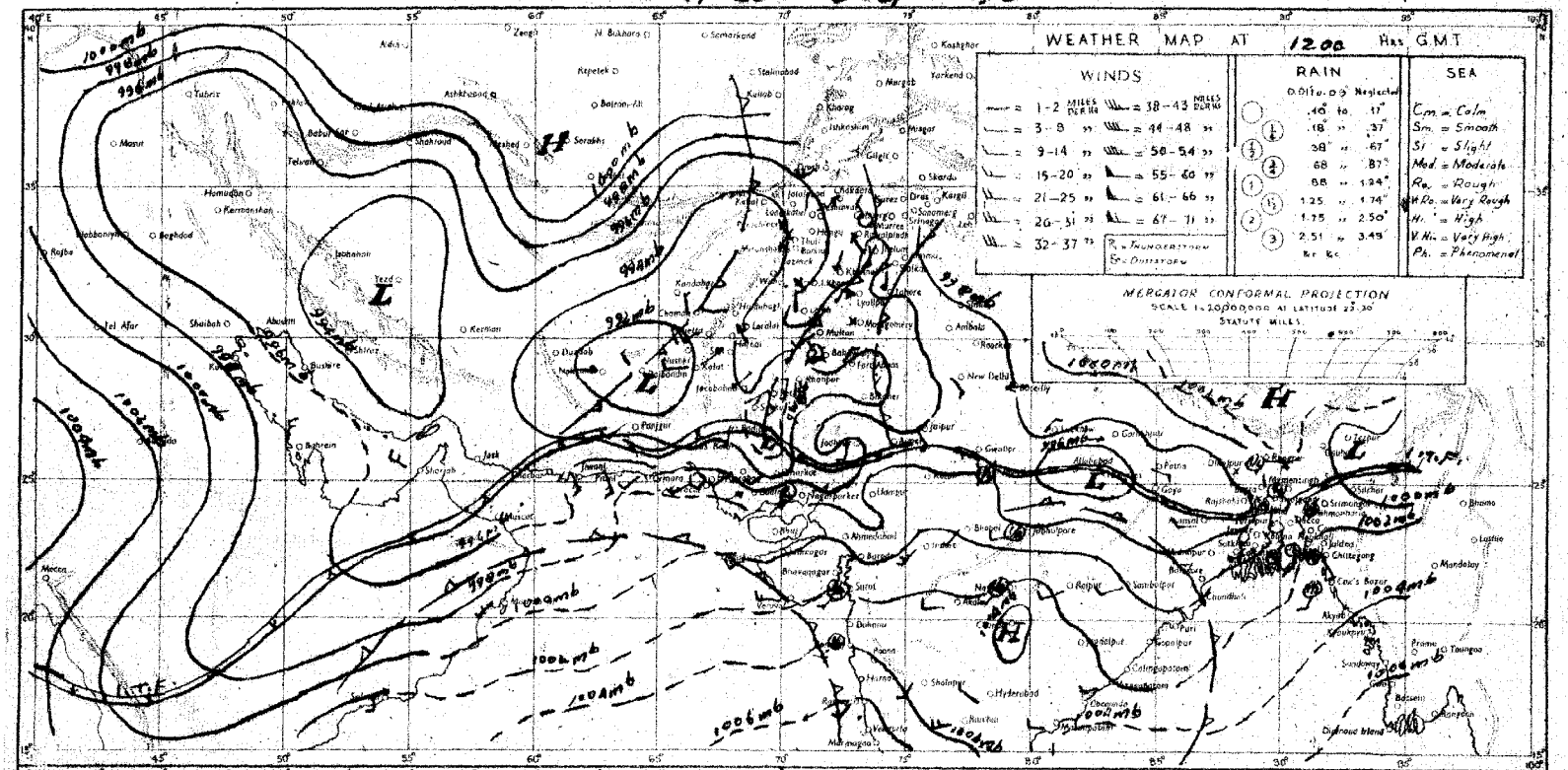
12 571 03 013

06 598 39 110
05 712 30 414

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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 29th JULY 1959



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

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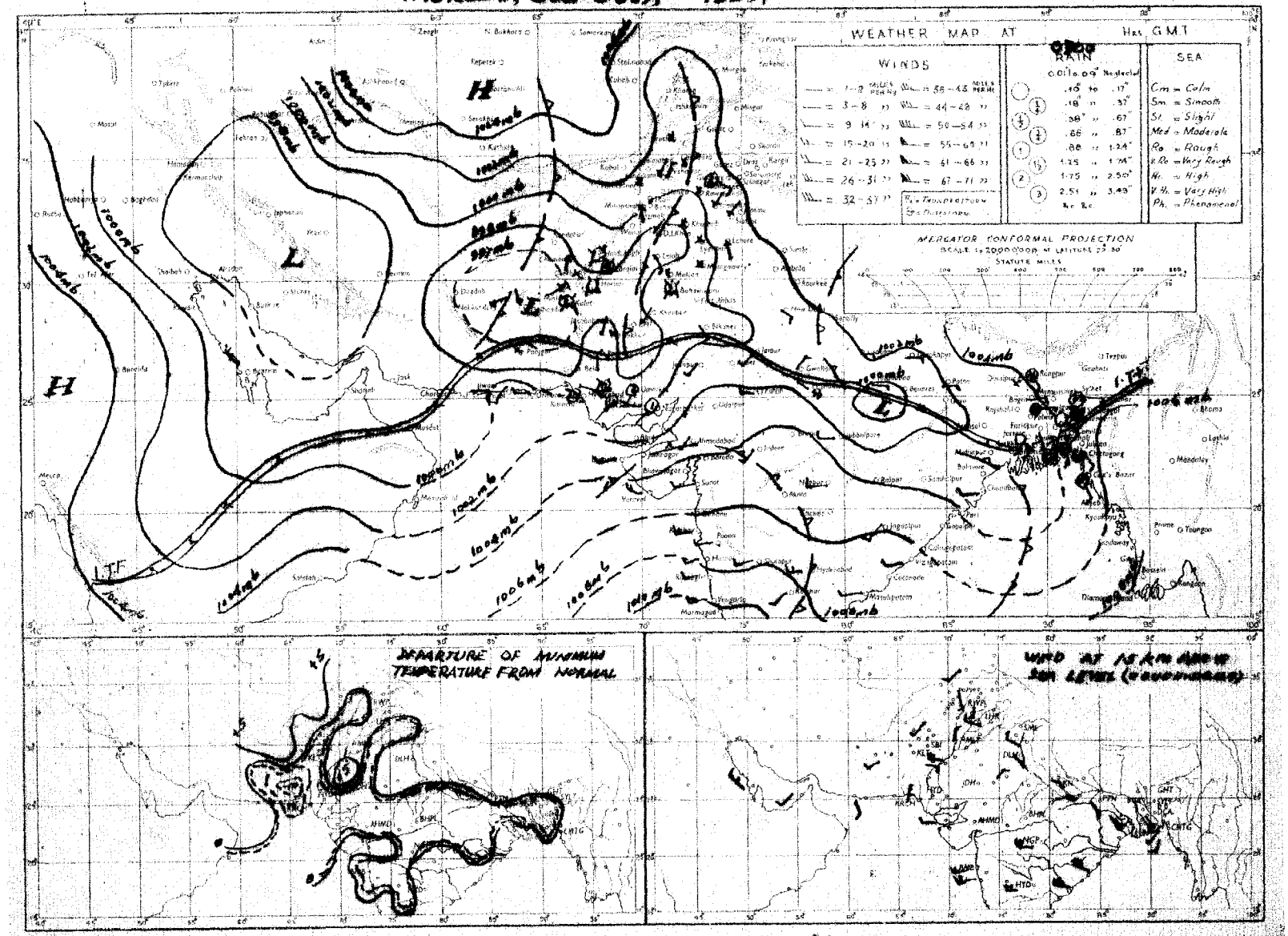
PAKISTAN DAILY WEATHER MAP

THURSDAY, 30th JULY, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

FRIDAY THE 31st JULY, 1959.

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

Yesterday's low over Khairpur division moved to Kalat division.

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

Axis of monsoon trough has shifted northwards and now runs from Punjab (India) to northwest Bay of Bengal.

Rain/thundershowers have been fairly widespread in Rawalpindi division, local in Multan, D. I. Khan, Hyderabad divisions and the Federal Capital Area and scattered in Bahawalpur, Peshawar, Quetta, north Kalat and Khairpur divisions.

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

Chief amounts of rainfall are: Jhelum 1½", Satkhira 1", Cox's Bazar, Khulna, Campbellpur, Fort Sandeman, Kalat, Badin ½" each and Maijdee Court, Rajshhi, Rawalpindi, Murree and Parachinar ¼" each.

Day temperatures were 4—8 °F below in Kalat, Quetta, Khairpur, Hyderabad, Lahore and Rawalpindi divisions.

Forecast valid until the evening of 1st August, 1959. Local rain/thundershouers will occur in Rawalpindi division, Kashmir and East Pakistan and scattered elsewhere in West Pakistan.

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DEC 8 1960
WEATHER BUREAU

Karachi-11
The 31st July, 1959.

OBSERVATIONS

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

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wx (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	8	6	16	07	97	03	6	015	81	4	5	6	5	2	76	86
	Chittagong	003	1	6	19	09	97	21	6	012	83	4	5	8	1	0	79	89
	Maijdee Court	000	6	4	13	09	97	03	0	010	83	2	2	7	2	0	78	86
	Comilla	000	0	5	00	00	96	03	0	007	86	5	4	5	0	0	77	88
	Brahmanbaria	011	0	4	00	00	97	21	1	011	82	4	4	5	0	0	79	88
	Sylhet	000	0	5	27	02	96	01	2	009	85	1	2	6	6	2	76	90
	Srimangal	002	5	6	00	02	96	02	6	000	85	4	4	5	3	1	79	90
Dacca	Mymensingh	000	0	8	00	00	98	02	2	012	82	8	4	5	x	x	79	88
	Narayanganj	000	9	7	18	03	96	03	1	007	86	2	4	4	3	8	78	88
	Dacca (Tezgaon)	000	9	6	18	05	98	02	2	001	85	3	8	5	0	1	78	87
	Faridpur	010	3	6	16	03	96	01	6	002	83	4	4	7	1	0	77	86
	Barisal	000	0	6	13	02	97	03	1	005	84	4	0	8	4	3	77	86
Rajshahi	Khulna	040	2	7	13	03	95	01	6	003	82	7	5	6	0	0	80	86
	Satkhira	000	0	6	00	00	95	03	1	000	84	6	6	8	0	0	78	89
	Jessore	000	0	2	18	02	97	01	1	992	85	2	4	6	0	0	79	87
	Siraiganj	000	0	8	18	03	98	02	4	991	85	0	0	9	0	4	78	88
	Bogra	000	2	7	09	03	96	03	6	999	85	6	4	5	0	8	77	88
	Dinajpur	000	8	8	00	00	96	04	2	998	86	8	4	7	x	x	81	90
	Rangpur	000	0	5	13	02	96	01	2	xxx	87	5	4	6	0	0	77	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	8	5	00	00	96	01	1	982	90	2	8	6	2	6	77	95
	Sialkot	000	0	1	13	02	98	02	0	983	91	1	2	5	0	0	79	92
Rawalpindi	Jhelum	000	8	6	31	03	98	02	2	982	87	5	8	6	3	0	75	94
	Rawalpindi	000	1	7	36	02	98	02	5	983	87	3	5	7	7	0	80	93
	Khushab	000	0	2	11	02	99	01	1	994	93	2	2	6	0	0	77	94
Multan	Lyallpur	000	3	7	00	00	96	03	9	976	91	7	3	8	0	0	81	99
	Montgomery	000	1	6	13	03	96	03	2	979	99	3	3	7	9	0	78	01
	Multan	000	3	7	18	03	97	17	9	974	89	2	9	5	0	6	78	04
Bahawalpur	Laiah	000	0	1	00	00	96	02	0	968	97	0	0	9	0	4	74	00
	Khanpur	000	0	7	09	02	95	05	0	973	89	7	3	8	0	0	84	01
	Bahawalpur	000	0	3	16	05	96	03	0	984	85	0	0	9	0	8	75	99
	Fort Abbas	000	0	0	23	06	98	00	0	973	89	0	0	9	0	0	83	00
Peshawar	Chakdara	000	0	3	23	03	99	01	1	974	91	3	0	8	7	0	83	92
	Peshawar	000	0	6	05	03	98	02	2	975	91	1	8	6	0	1	86	97
	Haripur	000	4	3	23	06	97	02	1	966	81	3	5	6	0	0	69	92
	Campbellpur	000	0	6	18	03	98	01	2	974	85	0	0	9	0	8	79	85
D. I. Khan	Bannu	000	0	6	31	03	98	02	2	982	87	5	8	6	3	0	75	94
	D. I. Khan	000	6	3	09	02	98	03	0	963	97	3	0	9	3	0	79	01
Quetta	Sibi	000	9	6	18	02	97	03	1	963	01	6	0	9	3	0	69	03
Kalat	Nokkundi	000	9	1	16	02	97	01		895	13	0	0	9	0	1	56	14
	Turbat	000	0	0	27	02	96	00	0	996	94	0	0	9	0	0	79	95
	Jiwani																	
	Pasni	000	0	8	20	10	95	02	0	990	86	8	5	7	x	x	81	87
	Ormara	000	0	8	27	05	98	03	1	993	85	8	2	4	x	x	81	86
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	8	8	25	09	93	05	5	993	82	8	0	9	2	x	82	84
	Karachi (Air Port)	008	9	7	25	07	96	02	6	999	82	5	6	5	2	0	79	85
	Badin	050	3	4	23	02	96	02	6	006	84	4	4	7	0	0	78	85
	Nagarparker																	
	Umarkot	000	0	7	20	10	98	02	0	982	87	7	2	6	0	0	78	88
	Hyderabad	096	6	8	20	02	97	00	5	988	84	2	6	5	2	x	81	89
Khairpur	Pad-i-dan	000	8	6	00	00	98	17	2	976	96	6	3	6	0	0	78	97
	Nawabshah	000	0	8	18	03	96	02	2	988	90	5	1	6	2	x	82	94
	Sukkur	000	6	6	31	03	96	03	2	964	94	6	0	9	9	0	83	00
	Kashmore	001	3	8	00	00	99	03	5	xxx	xx	2	2	6	6	2	86	xx
	Jacobabad	000	0	5	27	03	96	02	2	973	00	2	1	6	0	1	76	00
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kowait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	008	4	8	09	02	95	03	6	435	67	8	5	2	x	x	65	70
Peshawar	Drosh	000	3	2	23	14	98	01	2	388	96	2	2	7	0	0	57	99
	Cherat	001	8	5	13	01	94	46	6	428	78	5	0	9	1	0	76	78
	Kakul	000	7	7	23	03	97	03	1	431	77	4	8	6	0	2	70	81
	Landi Kotal	000	0	7	13	03	98	02	1	413	85	4	5	7	7	0	70	87
D. I. Khan	Parachinar	035	2	5	13	02	99	01	6	796	77	5	0	9	1	0	68	xx
	Miranshah	000	0	4	05	02	99	02	0	420	92	4	0	8	4	0	73	94
	Wana	000	7	4	13	05	99	20	2	414	68	4	5	8	0	0	64	86
Quetta	Fort Sandeman	033	4	7	00	00	98	03	6	426	81	7	5	6	0	0	68	94
	Hindubagh	000	4	7	31	02	96	03	1	383	82	6	0	9	2	3	61	82
	Loralai	000	0	5	18	02	98	02	1	449	89	5	0	9	2	0	67	89
	Harnai	000	0	6	09	02	96	02	0	xxx	xx	x	x	x	x	x	xx	xx
	Quetta	000	0	6	23	02	96	02	0	407	87	6	0	8	1	0	65	91
	Chaman	000	0	0	20	02	98	00	0	409	01	0	0	9	0	0	50	02
Kalat	Kalat	000	0	6	23	09	97	02	2	423	81	6	1	7	0	0	60	81
	Nushki	000	9	5	27	02	98	01	2	452	05	5	2	6	0	0	65	07
	Dalbandin	000	8	5	16	02	96	01	2	4.3	04	5	0	9	4	0	52	05
	Panjgur	000	0	6	18	05	98	03	1	433	91	6	0	9	5	0	64	94
Afghanistan	Kabul	000	0	0	17	05	99	00	0	447	89	0	0	9	0	0	64	95
	Kandahar																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Cox's Bazar	066	9	6	13	09	96	02	6	028	80	3	4		1	2	76	76
	Chittagong	066	0	6	13	09	97	02	5	027	83	4	2	5	2	0	77	77
	Maijdee Court	020	7	8	13	12	96	03	6	014	82	4	1	6	2	x	78	78
	Comilla	000	0	8	00	00	97	02	2	022	84	8	4	5	x	x	77	78
	Brahmanbaria	011	0	7	13	05	97	03	5	025	85	7	4	5	0	0	76	79
	Sylhet	000	0	8	09	05	97	03	2	023	84	3	4	5	6	x	78	78
	Srimangal	008	9	4	00	00	96	03	9	028	85	3	4	6	0	1	78	76
Dacca	Mymensingh	000	0	8	13	02	98	02	2	024	85	8	4	5	x	x	76	79
	Narayanganj	007	1	8	11	07	95	51	5	014	80	8	7	4	x	x	79	79
	Dacca (Tezgaon)	004	3	8	11	10	97	03	6	012	82	8	4	4	x	x	79	78
	Faridpur	010	9	6	16	02	97	03	0	013	85	6	5	7	0	0	79	77
	Barisal	000	0	5	18	01	97	03	0	011	83	4	0	7	4	2	79	79
Rajshahi	Khulna	040	0	6	00	00	96	01	2	012	84	6	5	6	0	0	79	79
	Satkhira	102	0	8	00	00	95	03	6	007	84	8	6	8	x	x	80	78
	Jessore	000	0	8	05	03	97	03	2	003	85	8	4	5	x	x	79	79
	Siraiganj	000	0	8	18	05	98	02	2	007	82	8	4	5	x	x	79	79
	Bogra	000	0	7	09	03	96	02	2	011	85	6	6	4	0	1	78	74
	Dinajpur	000	0	4	00	00	96	02	0	028	88	4	0	9	2	0	80	80
	Rangpur	000	0	1	13	02	96	01	1	xxx	86	1	5	6	0	0	79	79
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	9	2	11	02	96	01	1	995	88	1	4	6	3	0	77	82
	Sialkot	000	3	6	00	00	98	02	1	993	92	6	4	6		0	78	79
Rawalpindi	Jhelum	155	7	7	00	00	97	03	9	001	79	4	2	6	3	0	77	75
	Rawalpindi	026	2	8	11	02	97	95	2	993	78	8	7	6	x	x	77	77
	Khushab	000	0	2	05	02	99	01	1	010	87	2	2	6	0	0	77	78
Multan	Lyallpur	000	9	0	07	02	96	02	9	989	88	0	0	9	0	0	81	83
	Montgomery	000	0	0	00	00	96	00	0	989	88	0	0	9	0	0	78	84
	Multan	000	9	0	00	00	96	01	9	986	88	0	0	9	0	0	78	83
Bahawalpur	Laiah	000	0	3	00	00	98	01	1	989	92	3	0	9	4	0	88	85
	Khanpur	000	0	2	25	05	96	03	0	992	86	0	0	9	0	2	81	84
	Bahawalpur	000	0	4	00	00	97	03	0	993	87	0	0	9	0	4	79	82
	Fort Abbas	000	0	7	18	07	97	03	1	991	85	7	3	6	0	0	83	83
Peshawar	Chakdara	000	0	3	00	00	99	01	2	014	80	3	1	7	0	0	75	76
	Peshawar	000	0	2	26	03	97	01	2	020	85	2	8	6	0	0	79	82
	Haripur	000	5	8	23	02	96	03	2	982	79	8	6	6	x	x	78	72
	Campbellpur	041	4	8	13	03	97	03	6	015	84	8	7	5	x	x	78	79
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	981	87	0	0	9	0	0	79	84
	D. I. Khan	000	0	0	00	00	98	00	0	981	90	0	0	9	0	0	82	82
Quetta	Sibi	000	3	6	05	02	97	03	1	991	86	6	0	9	3	0	77	78
Kalat	Nokkundi	000	2	3	11	02	96	03	0	960	91	0	0	9	0	2	71	88
	Turbat	000	0	6	27	02	95	03	0	001	84	6	0	9	6	0	76	xx
	Jiwani	000	0	7	13	03	96	02	2	003	84	4	6	4	4	0	77	82
	Pasni	000	0	8	16	03	97	02	0	009	83	8	5	7	x	x	77	81
	Ormara	000	0	6	00	00	98	02	1	009	85	6	2	5	0	0	80	83
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	25	10	94	10	2	010	77	8	0	9	2	x	75	85
	Karachi (Air Port)	008	9	7	27	05	96	03	2	013	83	4	6	5	3	0	80	83
	Badin	053	9	8	23	02	95	03	6	015	80	8	9	7	x	x	77	78
	Nagarparker																	
	Umarkot	010	0	8	23	07	98	03	6	005	80	8	5	6	x	x	78	79
	Hyderabad	006	9	6	23	07	97	03	5	002	81	4	6	5	2	0	78	8.
Khairpur	Pad-i-dan	000	9	4	13	07	97	03	9	994	83	3	6	4	0	1	79	81
	Nawabshah	000	0	4	18	05	96	02	1	001	84	x	x	x	x	x	81	80
	Sukkur	000	9	1	00	00	96	01	1	993	87	0	0	9	0	3	82	83
	Kashmore	001	0	4	18	03	99	02	2	xxx	94	2	2	7	0	0	78	75
	Jacobabad	000	0	3	18	03	96	03	0	993	88	0	0	9	0	1	83	86
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kowait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	020	9	7	29	03	95	02	9	442	67	7	5	2	0	0	65	61
Peshawar	Drosh	000	0	2	03	00	98	01	0	389	84	2	1	7	0	0	63	77
	Cherat	001	0	8	18	01	91	47	4	432	72	8	5	6	x	x	73	69
	Kakul	000	8	7	18	02	97	03	9	444	75	7	8	6	0	0	71	70
	Landi Kotal	000	0	7	05	01	98	03	3	429	78	7	6	5	0	0	71	xx
D. I. Khan	Parachinar	035	0	3	00	00	99	00	6	796	69	3	0	9	1	0	64	xx
	Miranshah	000	0	4	23	02	99	03	0	423	84	4	2	7	0	0	73	80
	Wana	000	2	3	00	00	99	03	0	423	78	3	2	8	0	0	69	74
Quetta	Fort Sandeman	043	0	6	00	00	97	03	6	436	78	6	5	6	0	0	67	72
	Hindubagh	000	9	7	13	01	96	03	1	393	72	6	0	9	2	3	61	71
	Loralai	000	0	8	00	00	98	02	1	436	73	8	0	9	3	x	69	69
	Harnai	000	0	0	27	01	98	00	0	xxx	xx	0	0	9	0	0		xx
	Quetta	000	9	6	18	02	96	02	2	416	76	6	0	8	8	0	65	72
	Chaman	000	3	5	18	03	98	03	1	416	80	5	0	7	4	0	65	79
Kalat	Kalat	050	0	7	00	00	97	03	8	441	72	7	1	7	0	0	61	63
	Nushki	000	9	8	23	02	97	02	2	451	91	8	5	6	x	x	75	87
	Dalbandin	000	9	6	00	00	96	03	2	413	86	6	0	9	4	0	67	84
	Panjgur	000	0	4	00	00	98	03	1	434	79	4	0	9	2	0	64	76
Afghanistan	Kabul	000	0	0	27	02	99	00	0	482	70	0	0	9	0	0	56	64
	Kandahar																	

Departure from Normal of (columns 37–38) and Rainfall (columns 39–41); Annual normal (42)

Divisions (1)	Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	+ 1	0	63.1	− 3.5	79.0	140
	Chittagong	+ 3	0	47.2	+ 2.7	79.2	108
	Maijdee Court	0	0	54.0	+10.0	85.9	115
	Comilla	+ 1	+ 1	24.9	− 9.8	55.4	94
	Brahmanbaria	—	—	26.3	+ 0.5	52.3	76
	Sylhet	—	—	85.5	—	133.5	—
	Srimangal	0	0	37.2	+ 4.4	71.0	98
Dacca	Mymensingh	+ 1	+ 1	28.9	− 4.7	60.1	91
	Narayanganj	0	0	27.0	+ 1.6	48.0	74
	Dacca (Tezgaon)	—	—	26.0	—	42.5	—
	Faridpur	− 1	− 2	21.3	− 4.2	49.5	71
	Barisal	− 1	+ 1	42.5	+11.1	57.4	81
Rajshahi	Khulna	− 1	+ 1	30.8	+ 3.9	51.6	68
	Satkhira	+ 1	0	23.6	− 2.1	42.0	65
	Jessore	—	—	16.9	− 7.5	32.8	65
	Siraiganj	+ 1	0	18.7	− 5.4	44.7	64
	Bogra	− 2	− 5	17.3	− 8.5	36.4	69
	Dinajpur	0	+ 1	21.5	− 7.6	37.9	72
	Rangpur	− 2	+ 1	31.0	− 2.7	52.9	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd)	− 4	+ 3	7.3	+ 0.4	31.2	19
	Sialkot	4	− 3	27.1	+16.3	33.8	32
Rawalpindi	Jhelum	—		13.0	—	28.8	—
	Rawalpindi	3	0	15.6	+ 5.2	28.6	36
	Khushab	− 8	− 4	10.9	+ 5.6	16.4	15
Multan	Lyallpur	− 2	+ 1	6.3	+ 2.2	9.0	12
	Montgomery	− 2	+ 1	1.2	− 2.2	3.5	10
	Multan	+ 3	− 2	3.7	− 2.0	5.9	7
Bahawalpur	Laiah	—	—	2.9	—	4.8	8
	Khanpur	− 2	+ 1	0.3	− 2.5	1.2	6
	Bahawalpur	− 3	− 1	4.7	+ 2.0	5.8	6
	Fort Abbas	—	—	3.3	—	3.7	4
Peshawar	Chakdara	—	—	7.1	—	17.7	—
	Peshawar	− 4	+ 2	2.2	+ 0.7	15.2	14
	Haripur	—	—	7.7	—	18.6	
	Campbellpur	—	—	11.2	—	25.1	—
D. I. Khan	Bannu	—	—	9.4	—	16.4	11
	D. I. Khan	—	—	9.8	+ 7.0	13.5	10
Quetta	Sibi	—	—	2.3	—	2.6	5
Kalat	Nokkundi	—	—	0	—	1.1	2
	Turbat	—	—	2.1	—	6.6	—
	Jiwani	—	—	0.1	—	5.7	4
	Pasni	− 4	+ 3	0	− 0.7	2.5	6
	Ormara	—	—	0.1	− 0.6	2.0	6
	Las Bela						8
Karachi Federal Area & Hyderabad	Karachi (Manora)	− 3	− 5	6.5	+ 2.6	6.9	8
	Karachi (Air Port)	—	—	9.3	—	9.6	—
	Badin	− 8	− 3	4.5	+ 0.5	4.5	9
	Nagarparker						—
	Umarkot	—	—	10.4	—	11.1	—
	Hyderabad	− 8	0	6.4	+ 3.1	7.1	7
Khairpur	Pad-i-dan	—	—	4.7	—	4.9	—
	Nawabshah	—	—	3.0	—	3.7	—
	Sukkur	—	—	1.1	—	2.1	4
	Kashmore	—	—	0.2	—	1.2	—
	Jacobabad	− 7	+ 2	3.7	+ 2.5	5.4	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						—
Arabia	Muscat						4
	Kowait						—
	HILL STATIONS						
Kashmir	Srinagar						26
	Gulmarg						—
	Sonamarg						71
	Dras						26
	Leh						3
	Skardu						6
	Misgar						—
	Aliabad						
	Gilgit						5
Rawalpindi	Murree	—	—	19.8	+ 3.9	52.0	59
Peshawar	Drosh	+ 2	+ 4	11.2	—	30.4	18
	Cherat	− 10	− 2	4.3	− 0.7	14.1	29
	Kakul	—	—	10.1	—	21.0	—
	Landi Kotal	—	—	2.5	—	17.5	—
D. I. Khan	Parachinar	—	—	9.4	—	23.3	29
	Miranshah	—	—	2.6	+ 0.3	5.6	13
	Wana	—	—	3.5	—	12.5	—
Quetta	Fort Sandeman	− 5	+ 6	3.0	+ 0.3	11.7	11
	Hindubagh	—	—	1.2	—	9.2	
	Loralai	—	—	5.5		11.4	
	Harnai	—	—	5.0	+ 1.3	8.4	14
	Quetta	—	—	2.8	+ 2.2	8.4	8
	Chaman	+ 2	+ 4	0.1	− 0.1	6.2	7
Kalat	Kalat	− 10	+ 2	4.9	+ 4.1	10.3	9
	Nushki	—	—	0.4	—	2.2	—
	Dalbandin	− 4	+ 6	0.3	+ 0.1	2.3	5
	Panjgur	− 9	− 1	1.2	—	2.9	4
Afghanistan	Kabul	—	—	—	—	—	12
	Kandahar						—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 31st JULY, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_hL_hL_h$	$L_aL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_hh_hC_MC_H$	D,V. a PP	8 N, Ch. h,	O T, $T_wT_dT_d$	Id..d..PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dumra	53 215	695 06	7 25 18	97 16 2	040 82	64 6 60	35 21 8	...	0 00 81	1 20 35
Bagdad	69 170	565 06	8 24 31	97 02 2	950 79	82 6 xx	54 22 0	...	0 04 70	1 21 33
Esso Nederland	53 216	597 06	7 21 23	96 03 1	987 75	21 3 50	45 23 1	...	0 02 72	1 21 35
Bagdad	53 168	560 09	8 21 30	97 02 2	050 77	62 6 98	54 40 0	...	0 02 79	1 21 25
Bagdad	53 166	556 12	6 22 30	97 03 1	045 77	48 4 02	53 80 5	...	0 52 72	1 22 24
Esso Nederland	53 204	591 12	8 21 28	96 02 2	977 73	83 3 xx	45 71 0	...	0 04 68	1 21 35
Bagdad	53 164	552 15	6 23 25	97 03 2	050 75	53 3 05	53 30 5	...	0 52 72	1 23 32
Maasdracht	53 078	769 18	0 28 15	98 02 1	114 81	00 9 00	...	...	0 06 77	1 28 22

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTT$_d$T^{c}T$_d$	1000 mb HHHTTT	900 mb T^{c}T^{c}T$_d^c$	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb HHHTTT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra														
Chittagong	00 00		Missde											
Dacca														
Jiwani	00 00	997 268 262	001 xxx xxx		400 185 999		067 098 999	335 038 999	798 532 999	523 642 999	966 778	245 982	429 128	670 262
Karachi														
Lahore														
Multan														
Peshawar	01 00	825 232 188					110 132 128	280 055 055	851 555 999					
Quetta														

At Significant Levels

STATION	Time of ascent in G.M.T	PPPTTT T^{c}T^{c}T$_d^c$									Max. Height Reached PPPTTT T$_w$T$_d$T^c	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra													
Chittagong	00 00		Missde										
Dacca													
Jiwani	00 00										105 262 999		
Karachi													
Lahore													
Multan													
Peshawer	01 00	800 232 175									800 232 175		
Quetta													

PPP—Pressure in hundreds tens and units of millibars.
TT; T$_d$T$_d$T$_d$: Dry Bulb; Dew Point temperatures (in tenths of oC.)
St:-Character of tropopause.

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

UPPER WIND DATA*

Height in Kms. a.s.l.	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date: dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bagra	12 07	14 11	...	...	...	...	...	...	...	09 10	11 11	12 11	...	...	...	12 13	12 12	...	...	...	...	...	...	...	...	...
Chaklala	...	...	...	...	...	...	...	...	...	...	13 03	16 03	23 01	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor	21 15	21 15	20 10	20 09	...	...	...	...	...	22 11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong	19 16	18 20	17 19	17 19	...	...	...	...	...	15 21	15 29	16 25	...	...	...	15 19	14 28	14 29	15 27	...	...	...	...	...	...	...
Cox's Bazar	15 26	15 27	16 25	...	...	...	...	...	...	17 14	17 16	17 15	16 12	17 11	15 07	No	ascent	...	...	...	...	...	...	...	...	...
Dacca	15 12	15 17	15 18	14 16	13 15	14 19	...	...	...	14 11	14 11	15 11	...	...	...	13 19	14 19	14 15	14 12	...	...	...	...	...	...	...
Dalbandin	...	...	19 02	20 08	24 03	01 12	05 11	04 20	04 17	...	...	25 14	23 12	19 11	32 14	...	...	17 07	20 08	25 11	35 07	04 17	07 04	12 03	31 08	11 07
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	23 17	21 18	12 06	14 08	05 03	...	...	...	23 04	21 04	23 10	...	...	...	...	23 08	17 04	35 04	36 13	05 07	38 05	...
Port Sandeman	...	...	18 09	14 04	03 04	35 15	24 03	27 07	...	...	...	...	28 02	23 05	23 08	...	...	...	20 04	21 06	32 11	...	...	...	...	...
Jacobabad	24 06	20 05	16 06	12 08	10 11	05 13	...	...	...	19 10	20 06	15 02	05 03	08 05	04 12	19 04	18 03	15 03	10 06	06 08	04 18	...	...	...	...	...
Jiwani	15 07	15 11	15 10	13 05	...	...	...	...	...	09 05	07 05	...	...	...	...	11 09	12 09	12 10	...	...	...	...	...	...	...	...
Kalam	14 02	15 05	15 06	16 07	15 05	33 06	...	...	...	03 03	09 05	10 08	...	...	...	36 02	10 04	20 04	30 05	31 04	...	...	...	...	...	...
Kiwai	...	...	...	...	...	...	...	...	...	12 06	...	...	...	...	...	12 12	13 10	16 09	...	...	...	...	...	...	...	...
Karachi	26 11	27 08	...	...	...	...	...	...	...	27 12	27 12	33 09	...	...	...	26 15	27 13	...	...	...	...	...	...	...	...	...
Khanpur	13 05	15 08	17 10	16 06	...	...	...	...	...	18 14	18 17	18 17	18 23	19 43	21 41	23 08	23 10	22 07	14 07	11 04	06 06	03 13	03 16	05 14	...	...
Lahore	14 03	13 09	14 10	15 05	23 04	34 05	29 02	29 10	27 10	13 08	16 08	18 05	31 03	01 03	30 08	14 01	16 03	21 04	28 03	28 05	32 04	12 03	19 02	28 05	25 04	20 06
Multan	26 04	21 11	21 10	14 06	07 08	03 12	...	...	...	17 07	17 04	17 03	27 05	05 05	03 06	23 06	26 06	20 05	15 04	09 04	03 08	35 04	30 05	26 04	20 03	16 09
Muscat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	03 04	04 04	...	...	...	...	...	...	...	33 06	24 02	24 04	...	...	...	07 04	09 01	25 04	...	01 04	27 05	19 02	27 02	...	...
Quetta	...	...	...	...	25 04	34 04	35 03	...	...	...	...	...	...	18 02	29 15	...	...	...	...	25 01	...	...	...	...	...	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	33 05	31 03	22 06	21 10	19 10	15 12	13 11	12 08	11 10	10 06	14 01	13 07	17 08	16 06	14 09	14 02	12 03	12 06	...	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Missde																	
Karachi	25 19	26 18	28 15	27 10	03 09	06 12	10 09	07 15	07 16	10 17	08 19	06 23	09 32	09 40	08 43	89 46	08 55	...
Peshawar																		
Quetta																		

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

Cloud observation Data (GGiii Cddv,v, etc.)

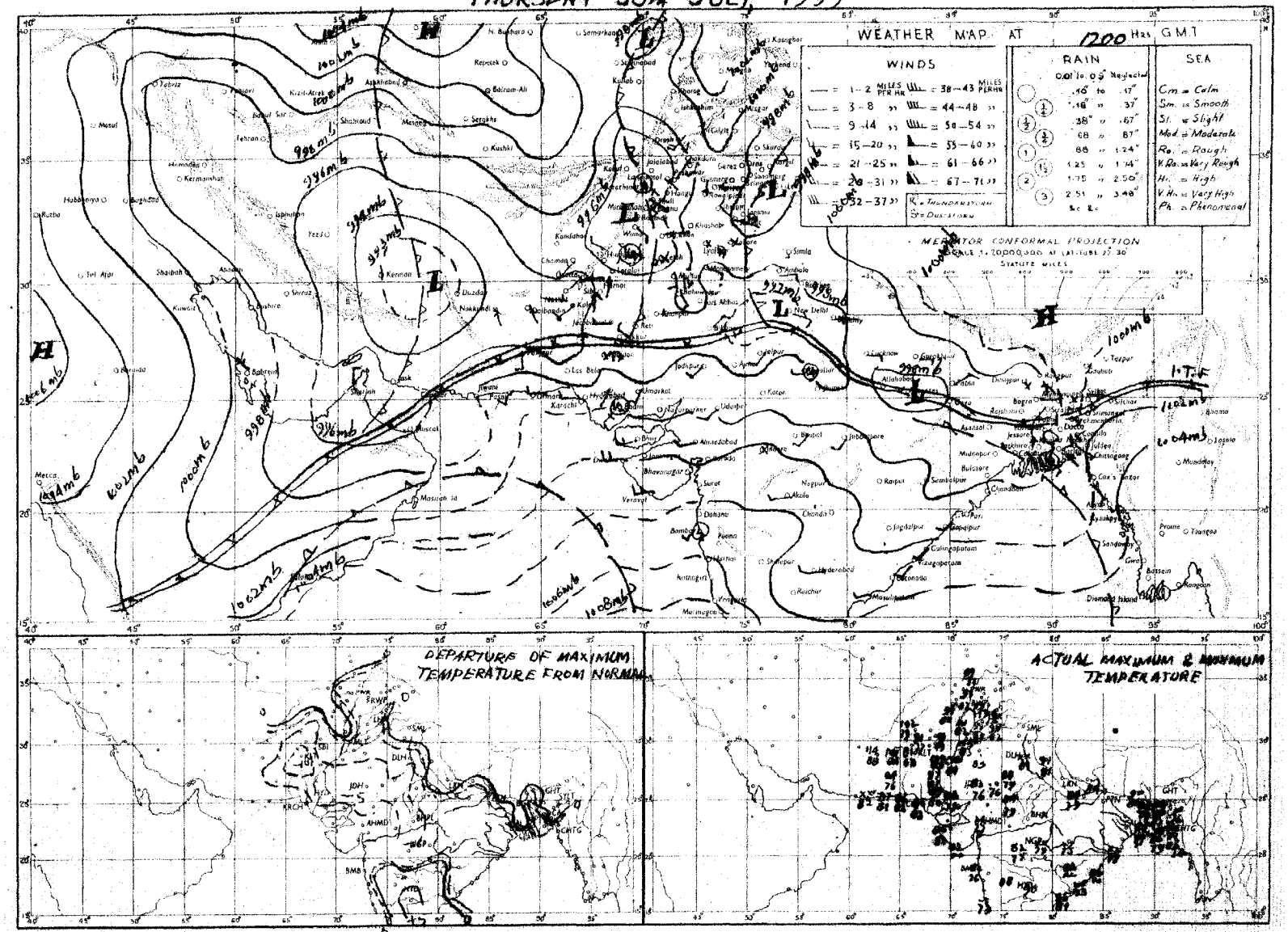
00 571 62 404

06 530 62 504
09 712 80 608

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 30th JULY 1959



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

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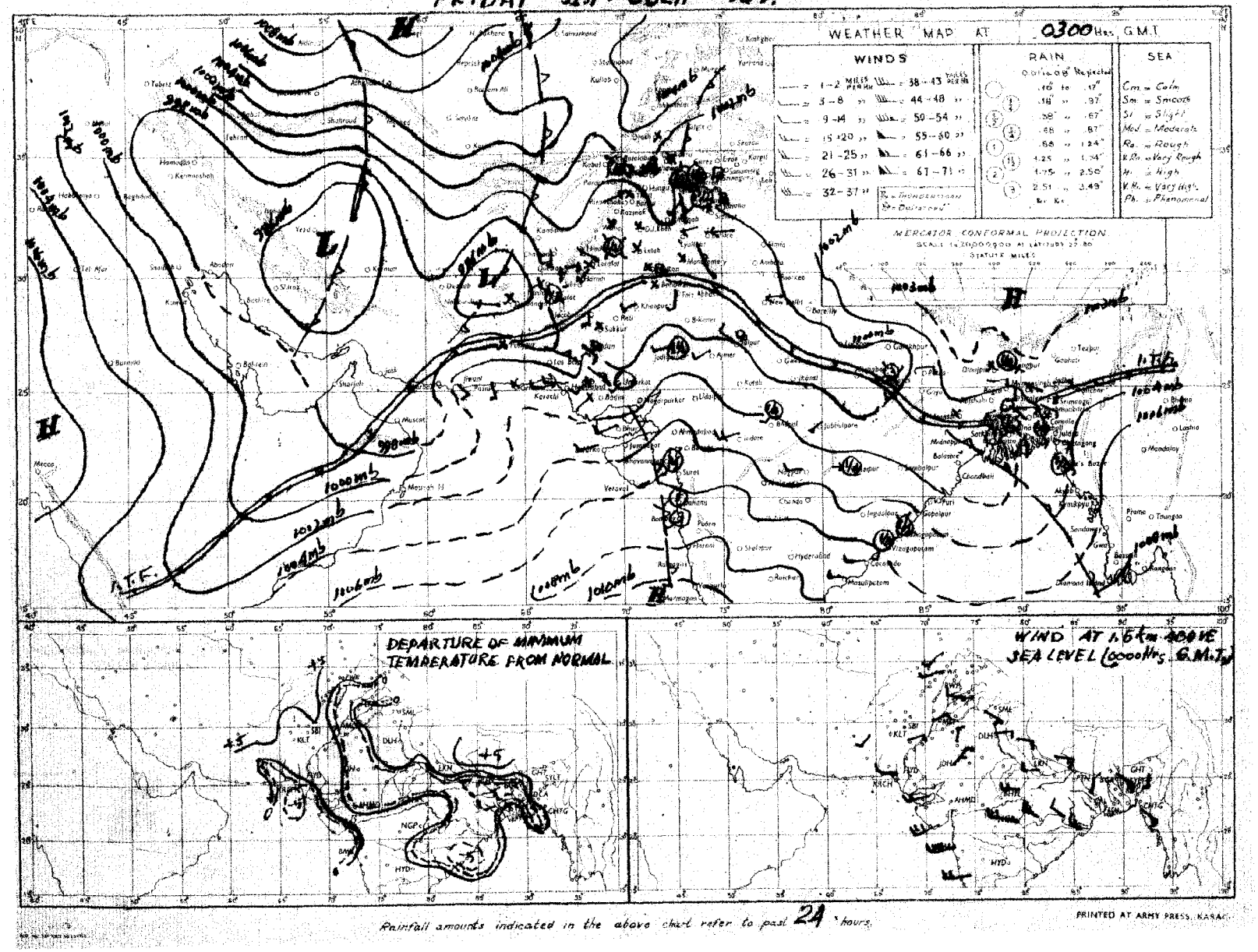
PAKISTAN DAILY WEATHER MAP

FRIDAY 31st JULY, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

LIBRARY 1959 WEATHER BUREAU

SATURDAY THE 1st AUGUST 1959.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave over Rawalpindi division is moving away across Kashmir and adjoining areas.

A fresh low pressure wave is moving across Peshawar and D. I. Khan divisions.

They have caused fairly widespread rain/thundershowers in Rawalpindi division, local in Lahore and Quetta divisions and scattered in Peshawar, Multan, D. I. Khan, north Kalat and Hyderabad divisions and the Federal Capital Area.

A low lies over Oman.

Another low lies over Utter Pradesh.

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

Chief amounts of rainfall are: Khulna and Satkhira 4" each; Cox's Bazar and Barisal 3" each; Sylhet and Rawalpindi 2" each; Chittagong, Srimangal and Haripur 1½" each; Maijdee Court and Lahore 1" each; Comilla and Hindubagh ½" each and Narayanganj, Dacca, Jessore, Sirajganj, Jhelum, Lyallpur and Parachinar ¼" each.

Day temperatures were 3—6 °F below normal over West Pakistan outside Multan, Bahawalpur and coastal Kalat divisions and the Federal Capital Area.

Forecast valid until the evening of 2nd August 1959. Fairly widespread rain/thundershowers will occur in East Pakistan and in Lahore, Rawalpindi divisions and Kashmir, local in Peshawar and D. I. Khan divisions and scattered elsewhere West Pakistan outside south Kalat division and the Federal Capital Area.

Heavy Rainfall Warning:— Locally moderate to heavy rain will fall in East Pakistan and in Lahore, Rawalpindi divisions and Kashmir during next 36 hours.

Karachi-11
The 1st August 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	889	6	8	16	10	95	60	6	001	83	7	5	6	2	x	79	84
	Chittagong	009	2	8	16	09	97	02	6	993	80	6	4	4	2	x	78	87
	Maijdee Court	000	9	5	13	05	98	03	0	989	84	3	2	7	0	3	78	86
	Comilla	000	0	8	18	06	96	02	2	008	85	8	4	5	x	x	78	90
	Brahmanbaria	000	0	6	13	02	97	03	1	982	84	4	4	5	0	8	79	90
	Sylhet	000	0	7	00	00	96	03	2	978	87	4	8	6	2	0	79	90
	Srimangal	017	5	7	00	00	96	03	9	983	85	2	3	4	2	x	81	90
Dacca	Mymensingh	000	0	6	00	00	98	02	2	982	80	6	2	5	0	0	77	90
	Narayanganj	011	9	7	16	02	96	03	6	979	86	2	4	5	2	8	77	88
	Dacca (Tezgaon)	013	9	7	13	03	98	02	6	971	85	1	3	6	0	4	79	87
	Faridpur	000	8	4	16	02	96	02	1	973	85	2	4	7	1	0	79	87
	Barisal	000	0	6	00	00	97	03	3	975	86	6	0	8	4	0	77	90
Rajshahi	Khulna	014	4	7	00	00	95	01	6	987	82	7	5	6	0	0	81	88
	Satkhira	000	0	6	00	00	95	03	1	973	85	6	6	8	0	0	79	90
	Jessore	010	9	6	09	02	95	02	6	971	85	4	4	5	6	0	81	90
	Sirajganj	032	8	8	00	00	98	02	6	960	85	0	0	9	0	4	79	88
	Bogra	000	0	7	13	03	96	03	2	975	86	4	5	6	0	1	78	89
	Dinajpur	000	0	3	00	00	96	01	1	971	88	0	0	9	0	9	68	92
	Rangpur	000	0	5	13	02	96	01	2	xxx	87	5	5	6	0	0	79	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	102	5	8	13	03	96	03	9	966	85	3	9	6	7	6	77	95
	Sialkot	000	0	3	13	03	97	03	0	953	90	3	2	6	8	0	80	92
Rawalpindi	Jhelum	000	2	6	05	03	98	02	9	952	88	2	2	7	1	0	80	94
	Rawalpindi	013	7	3	18	02	99	01	5	984	89	3	1	8	0	0	79	90
	Khushab	000	0	3	13	03	96	03	1	994	94	3	2	6	0	0	77	98
Multan	Lyallpur	020	3	6	00	00	96	02	9	961	85	6	3	8	0	0	77	97
	Montgomery	000	0	6	13	03	96	03	1	953	95	3	3	7	9	0	77	02
	Multan	000	0	3	18	02	98	02	0	940	00	1	1	6	0	2	77	01
Bahawalpur	Leiah	000	0	4	00	00	96	05	2	948	00	2	4	8	1	0	79	02
	Khanpur	000	0	4	35	03	95	03	0	947	01	2	0	8	2	2	72	03
	Bahawalpur	000	0	6	23	02	96	03	1	956	98	0	0	9	0	8	72	99
	Fort Abbas	000	0	4	27	05	98	03	2	965	95	4	0	9	5	0	84	99
Peshawar	Chakdara	000	0	3	23	03	99	01	1	908	91	3	1	7	0	0	88	94
	Peshawar	000	0	5	05	05	98	03	1	928	96	5	6	5	3	0	77	97
	Haripur	000	3	3	23	02	97	01	2	994	88	5	3	6	0	0	85	92
	Campbellpur	000	0	4	20	05	98	01	0	959	93	4	1	0	0	0	88	93
D. I. Khan	Bannu	000	5	5	16	02	99	03	0	929	96	0	0	9	0	8	76	98
	D. I. Khan	000	6	3	00	00	98	02	0	926	98	3	0	9	3	0	83	01
Quetta	Sibi	000	9	4	23	02	98	03	1	943	02	4	0	9	2	0	75	03
Kalat	Nokkundi	000	0	0	34	02	98	00	0	888	12	0	0	9	0	0	54	13
	Turbat	000	0	3	27	03	95	03	0	998	02	3	0	9	6	0	79	03
	Jiwani	000	0	7	13	12	96	03	2	986	96	4	5	5	4	0	77	89
	Pasni	000	0	6	29	10	97	02	0	986	89	6	5	7	0	0	79	92
	Ormara	000	0	0	18	07	98	00	0	986	90	8	0	9	0	0	76	94
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	14	97	03	1	992	86	4	4	4	0	1	79	88
	Karachi (Air Port)	000	0	7	23	12	96	02	2	989	85	5	5	4	3	0	82	87
	Badin	012	9	8	23	02	95	03	6	[illegible]	83	[illegible]	[illegible]	9	8	x	79	85
	Nagarparkar																	
	Umarkot	000	0	8	23	14	98	02	[illegible]	[illegible]	[illegible]	8	4	[illegible]	x	x	79	89
	Hyderabad	000	0	7	23	09	97	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77	91
Khairpur	Pad-i-dan	000	0	3	16	05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	[illegible]	[illegible]	[illegible]	1	76	98
	Nawabshah	000	0	7	18	07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]	75	98
	Sukkur	000	8	7	20	03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81	01
	Kashmore	000	0	4	18	09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	2	[illegible]	[illegible]	[illegible]	77	xx
	Jacobabad	000	0	5	18	05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	4	[illegible]	[illegible]	[illegible]	76	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	6	02	02	97	02	4	404	70	6	3	3	0	0	66	72
Peshawar	Drosh	000	0	2	23	12	98	01	0	355	96	2	2	7	0	0	55	99
	Cherat	003	8	8	18	03	91	47	6	388	76	8	5	6	x	x	76	77
	Kakul	000	7	5	23	05	98	01	1	399	83	4	2	6	0	2	71	83
	Landi Kotal	000	0	2	05	02	99	03	1	326	80	7	2	7	0	0	72	91
D.I. Khan	Parachinar	035	1	6	36	02	99	01	6	798	72	6	0	9	1	0	68	xx
	Miranshah	000	0	4	05	02	99	03	0	391	91	4	0	8	4	0	80	94
	Wana	000	7	6	27	03	99	20	1	393	60	6	5	8	0	0	59	90
	Fort Sandeman	000	0	8	34	09	97	03	0	405	85	8	5	6	x	x	64	95
Quetta	Hindubagh	064	3	6	31	01	96	03	5	364	80	5	0	9	2	3	61	80
	Loralai	000	0	3	13	02	98	02	1	456	88	3	0	9	2	0	71	89
	Harnai	000	0	4	09	02	96	02	0	xxx	xx	x	x	x	x	x	xx	xx
	Quetta	011	0	7	00	00	96	03	0	415	71	7	0	8	1	0	70	90
	Chaman	000	0	0	27	02	98	00	0	390	01	0	0	9	0	0	53	02
Kalat	Kalat	000	0	6	20	07	98	02	1	422	72	6	1	7	0	0	63	85
	Nushki	000	9	8	18	03	97	03	2	437	00	8	0	9	2	x	65	87
	Dalbandin	000	8	4	23	07	97	17	1	394	07	4	9	7	0	0	67	09
	Panjgur	000	0	0	23	05	98	00	1	432	94	0	0	9	0	0	64	95
Afghanistan	Kabul	000	0	0	36	02	99	00	0	437	89	0	0	9	0	0	65	95
	Kandahar																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	300	9	8	16	10	94	63	6	025	77	7	4	6	2	x	77	76	− 1	0	66.1	− 1.4	82.1	140
	Chittagong	146	9	8	13	09	97	02	6	014	79	8	4	5	x	x	76	76	+ 1	0	48.6	+ 3.5	80.6	108
	Maijdee Court	110	6	8	00	00	95	61	6	985	78	3	5	5	2	x	77	77	0	− 1	55.1	+10.1	87.0	118
	Comilla	066	2	8	00	00	97	02	6	000	79	8	4	5	x	x	78	78	+ 3	+ 1	27.1	− 8.3	53.1	94
	Brahmanbaria	006	0	7	13	07	97	03	5	001	83	7	4	5	0	0	78	78	−	−	26.4	− 0.1	52.4	76
	Sylhet	179	8	4	09	05	94	01	9	009	83	3	7	4	7	0	79	76	−	−	87.4	−	125.3	−
	Srimangal	145	9	7	13	03	96	03	9	010	81	5	3	4	7	0	75	76	0	0	38.6	+ 5.4	72.5	98
Dacca	Mymensingh	000	0	8	13	05	98	02	2	997	82	8	7	5	x	x	78	77	+ 3	− 1	28.9	− 5.1	60.1	91
	Narayanganj	036	9	8	16	05	96	03	6	993	82	8	7	4	x	x	78	79	0	0	27.3	+ 1.6	48.3	74
	Dacca (Tezgaon)	036	9	8	18	03	97	02	6	986	81	6	3	4	7	x	79	78	−	−	26.4	−	43.9	−
	Faridpur	000	0	6	16	02	97	03	0	xxx	83	6	5	7	0	0	79	xx	0	x	21.3	− 4.7	49.5	71
	Barisal	265	9	8	18	03	92	03	6	988	80	x	x	x	x	x	77	77	+ 3	− 1	47.1	+15.2	60.2	81
Rajshahi	Khulna	448	6	8	00	00	95	03	6	989	79	8	6	5	x	x	79	77	+ 1	− 1	35.2	+ 7.9	56.1	68
	Satkhira	379	0	8	00	00	94	63	6	984	80	x	x	x	x	x	79	78	+ 2	0	27.4	+ 1.3	45.8	65
	Jessore	029	9	8	13	03	96	63	6	989	81	8	7	5	x	x	80	79	−	−	17.2	− 7.6	23.1	65
	Sirajganj	022	0	8	09	05	98	02	2	977	85	8	2	5	x	x	78	80	+ 1	+ 1	18.9	− 5.6	45.8	64
	Bogra	000	2	7	09	03	96	03	5	986	84	6	4	5	1	0	78	81	0	+ 2	17.3	− 9.0	36.4	69
	Dinajpur	000	2	4	00	00	96	02	1	012	86	4	0	9	2	0	77	80	+ 2	+ 1	21.5	− 8.0	37.9	72
	Rangpur	000	0	8	13	05	98	02	2	997	82	8	7	5	x	x	78	77	+ 1	− 2	31.0	− 3.2	52.9	84
Kashmir	Jammu																							−
Lahore	Lahore (Jail Rd)	102	9	7	00	00	96	03	1	958	83	2	5	7	7	4	79	80	− 4	+ 2	8.4	− 1.1	12.2	19
	Sialkot	000	1	8	13	03	97	20	5	961	78	8	5	6	x	x	77	77	− 4	− 2	27.1	+16.1	33.0	32
Rawalpindi	Jhelum	030	2	7	00	00	97	05	9	963	76	4	7	6	2	0	74	74	−	−	13.3	−	29.1	−
	Rawalpindi	191	9	7	36	02	98	50	9	971	75	7	5	7	0	0	74	74	− 6	− 3	17.5	+ 6.8	30.5	36
	Khushab	000	0	3	09	02	99	01	1	964	88	3	3	6	0	0	78	83	− 4	− 2	10.9	+ 5.5	16.4	15
Multan	Lyallpur	020	9	5	00	00	96	02	9	954	81	0	0	9	0	3	80	83	− 4	− 1	6.5	+ 2.3	9.2	13
	Montgomery	000	0	0	00	00	96	00	0	960	85	0	0	9	0	0	79	83	− 1	0	1.2	− 3.3	3.5	10
	Multan	000	0	2	23	02	98	01	1	943	87	0	0	9	0	1	81	86	0	+ 2	3.7	+ 1.0	5.7	7
Bahawalpur	Leiah	000	0	1	00	00	98	05	1	951	89	1	0	9	1	0	84	85	−	−	2.9	−	4.9	8
	Khanpur	000	0	6	25	05	96	05	0	955	85	0	0	9	0	6	79	83	0	+ 1	0.3	− 2.4	1.2	4
	Bahawalpur																		3					6
	Fort Abbas	000	0	2	20	03	97	01	1	952	87	2	0	8	1	0	82	83	−	−	3.3	−	3.7	4
Peshawar	Chakdara	000	0	7	00	00	98	03	1	927	81	7	0	8	6	0	77	75	−	−	7.1	−	17.7	−
	Peshawar	000	0	7	26	05	96	03	1	944	86	7	7	2	6	3	80	83	− 4	+ 4	2.2	+ 0.6	15.2	14
	Haripur	160	6	7	23	02	96	03	6	941	76	7	6	6	0	0	70	68	−	−	9.3	−	20.3	−
	Campbellpur	009	3	8	13	03	97	03	6	977	76	8	9	6	x	x	75	73	−	−	11.3	−	25.2	−
D. I. Khan	Bannu	000	0	3	02	02	93	02	0	947	94	0	0	9	0	1	78	83	−	−	9.4	−	16.4	11
	D. I. Khan	000	2	1	05	02	98	01	1	936	89	0	0	9	0	1	81	83	−	−	9.8	+ 6.8	13.5	10
Quetta	Sibi	000	3	4	13	02	97	03	0	952	93	4	0	9	3	0	79	79	−	−	2.3	−	2.6	5
Kalat	Nokkundi	000	2	1	34	05	98	01	0	933	93	0	0	9	0	1	33	87	−	−	0	−	1.1	3
	Turbat	000	0	3	02	07	95	03	0	004	84	3	0	9	6	0	77	xx	−	−	2.1	−	6.6	−
	Jiwani	000	0	4	13	03	96	01	2	987	83	4	6	4	0	0	75	81	−	−	0.1	−	5.7	4
	Pasni	000	0	8	23	03	97	02	0	986	84	8	5	7	x	x	77	81	+ 1	+ 4	0	− 0.7	3.5	6
	Ormara	000	0	7	27	03	98	02	1	986	85	7	4	5	0	0	79	82	−	−	0.1	− 0.6	2.0	6
	Las Bela																							8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	6	7	27	12	96	03	1	989	83	7	0	9	1	0	79	80	+ 1	+ 1	4.5	+ 1.5	4.5	8
	Karachi (Air Port)	000	2	7	27	12	96	03	5	988	83	7	6	4	0	0	79	82	−	−	9.3	−	9.6	−
	Badin	012	0	8	23	03	95	03	2	002	80	8	0	9	9	x	76	78	− 8	− 2	4.6	+ 0.6	4.4	9
	Nagarparkar																							−
	Umarkot	000	0	8	20	09	98	02	0	979	80	8	4	6	x	x	76	78	−	−	10.4	−	11.1	−
	Hyderabad	000	0	4	23	09	97	03	0	981	83	0	0	9	0	1	76	80	− 6	0	6.4	+ 2.9	7.1	7
Khairpur	Pad-i-dan	000	0	1	16	05	97	02	0	955	86	0	0	9	0	1	77	81	−	−	4.7	−	4.9	−
	Nawabshah	000	0	6	18	05	96	02	2	965	86	1	0	9	1	1	79	81	−	−	3.0	−	3.7	−
	Sukkur	000	9	1	02	03	86	01	1	955	85	0	0	9	0	9	79	82	−	−	1.1	−	2.4	4
	Kashmore	000	0	4	18	07	99	02	2	xxx	xx	2	2	7	9	0	77	75	−	−	0.	−	0.1	−
	Jacobabad	000	0	4	16	02	96	01	2	955	86	3	0	9	2	1	79	85	− 6	+ 2	3.7	+ 2.4	5.4	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							−
Arabia	Muscat																							4
	Kuwait																							−
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							−
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							−
	Aliabad																							
	Gilgit																							5
Rawalpindi	Murree	010	2	9	27	02	90	49	6	405	64	9	x	0	x	x	63	63	−	+ 5	19.9	+ 3.1	52.1	59
Peshawar	Drosh	000	0	2	00	00	97	01	0	385	85	2	2	6	0	0	66	79	+ 2	+ 4	1.2	−	30.4	18
	Cherat	003	0	8	18	01	90	47	4	388	71	8	5	6	x	x	71	71	− 11	0	4.1	− 0.8	14.1	29
	Kakul	012	5	8	09	02	94	95	9	400	72	8	9	5	x	x	71	72	−	−	10.2	−	21.1	−
	Landi Kotal	000	0	2	05	01	98	01	1	381	81	2	6	5	0	0	72	xx	−	−	2.5	−	17.5	−
D.I. Khan	Parachinar	035	0	2	00	00	99	02	0	796	71	2	0	9	1	0	61	xx	−	−	9.7	−	23.7	29
	Miranshah	000	0	0	05	02	99	00	0	385	85	0	0	9	0	0	74	78	−	−	2.6	+ 0.1	5.6	13
	Wana	000	0	2	00	00	99	02	0	372	75	2	0	9	4	0	65	72	−	−	3.5	−	12.5	−
	Fort Sandeman	008	8	1	00	00	97	01	6	415	86	1	0	9	3	0	77	71	− 4	− 3	3.1	+ 0.2	11.8	11
Quetta	Hindubagh	064	2	1	31	01	98	02	0	387	73	0	0	9	0	0	63	72	−	−	1.7	−	9.8	−
	Loralai	000	0	8	00	00	98	02	1	471	83	8	0	9	2	x	70	67	−	−	5.8	−	11.6	−
	Harnai	000	0	6	20	01	98	02	0	xxx	xx	x	x	x	x	x	x	xx	−	−	5.0	+ 0.9	8.4	14
	Quetta	011	9	4	18	02	95	01	2	407	75	4	0	8	8	0	68	67	−	−	2.9	+ 2.3	8.5	8
	Chaman	000	0	0	13	01	98	02	0	459	81	0	0	9	0	0	62	74	+ 2	+ 2	0.1	+ 0.1	6.2	7
Kalat	Kalat	000	0	6	23	03	98	02	2	444	71	6	1	7	0	0	59	63	− 6	+ 2	4.9	+ 4.1	10.3	9
	Nushki	000	0	0	18	05	98	02	0	450	89	0	0	9	0	0	69	83	−	−	0.4	−	2.2	−
	Dalbandin	000	9	1	13	02	95	06	9	396	89	0	0	8	0	1	63	85	0	+ 10	0.3	+ 0.1	2.3	5
	Panjgur	000	0	0	00	00	98	20	0	432	79	0	0	9	0	0	67	75	− 8	− 1	1.2	−	2.9	4
Afghanistan	Kabul	000	0	0	00	00	99	00	0	435	76	0	0	9	0	0	56	59	−	−	−	−	−	12
	Kandahar																							−

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 1st AUGUST 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ$L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch_s h_s	O T_sT_s T_dT_d	Id_wd_wPH
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Chambord	63 291	482 00	5 26 10	99 02 x	000 86	00 9 04	25 xx x	...	0 04 64	1 26 x1
Bagdad	63 158	537 00	8 23 20	97 02 2	050 77	xx x xx	54 81 5		0 02 72	1 23 32
Bagdad	63 156	532 03	8 22 15	xx xx x	055 91	80 4 7x	54 98 5		0 52 73	1 22 32
Chambord	63 291	486 13	2 26 10	98 01 1	010 86	00 9 01	25 40 0	...	0 04 64	1 26 x1
Bagdad	63 154	522 06	8 22 15	96 02 2	080 77	88 5 xx	54 22 5	...	0 01 72	1 22 x1
Chambord	63 287	492 06	2 29 10	98 02 0	010 90	00 9 05	35 21 0	...	0 07 70	1 29 22
Isidora	63 242	585 06	8 20 10	99 02 2	005 88	85 4 xx	76 12 0	...	0 53 81	1 70 22
Bagdad	63 130	512 12	5 22 05	97 01 0	055 82	23 5 40	54 70 5		0 02 77	1 22 x1
Chambord	63 279	506 12	1 33 12	98 02 0	995 91	00 9 04	35 71 5		0 08 75	1 00 x0
Isidora	63 255	573 12	8 12 12	98 02 2	984 91	22 5 1x	76 61 7	...	0 51 81	1 10 21
Chambord	63 275	511 15	0 32 14	98 02 0	980 9?	00 9 00	35 71 5	...	0 02 77	1 00 x0
Bagdad	63 147	505 15	1 23 10	99 01 0	050 82	00 9 09	54 50 5	...	0 05 77	1 23 x1
Chambord	63 272	518 18	0 33 10	98 13 0	985 88	00 9 00	35 20 5	...	0 02 77	1 33 31
Isidora	63 264	559 18	2 00 00	98 13 1	980 90	xx x xx	66 31 0	...	0 54 86	1 00 xx
Esso Nederland	63 171	561 18	4 20 32	97 02 2	013 77	48 3 00	54 20 9	...	0 02 73	1 70 90

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTT$T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	...	Misda	...			...	...	...	...	...	...	...	...
Jiwani														
Karachi	00 00	996 272 252	...	...	400 205 999	...	081 155 999	370 068 999	849 518 999	594 618 999	...	...	...	...
Lahore	00 00	...	Misda		...	...		...	...	...	...	...	...	...
Multan														
Peshawar														
Quetta	01 00	823 205 182	...	...	...	...	062 188 068	387 150 999	897 052 999	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...
Jiwani													
Karachi	00 00	...		...		...	...	...	...	...	400 618 999	...	...
Lahore	00 00	...	Misda		...	...	...	...	...	...	...	...	...
Multan													
Peshawar													
Quetta	00 00	800 202 145	662 182 025	457 000 999	...	...	...	...	...	...	457 000 999	...	...

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	13 10	13 11	12 11	14 12	...	...	...	...	...
Chaklala	...	...	...	...	...	...	...	...	...
Chhor	22 19	...	...	...	...	...	...	...	...
Chittagong	17 25	18 29	18 28	...	...	...	...	...	...
Cox's Bazar	No	Ascent	...	...	...	...	...	...	...
Dacca	14 10	14 13	14 14	14 17	14 15	14 13	13 13	10 12	09 10
Dalbandin	...	...	23 09	24 21	24 18	28 07	02 09	34 09	...
D. I. Khan	...	...	...						...
Drosh	...	...	...		21 15	20 19	17 12	14 11	13 07
Fort Sandeman	...	...	...	17 05	23 06	...	...	...	...
Jacobabad	19 05	20 04	20 04	...	...		...	...	...
Jessore	11 11	12 10	...	...	...		...	...	...
Jhelum	13 07	20 03	26 03	28 07	29 09	32 08	...		...
Jiwani			...	...	...	...	...	...	
Karachi	25 12	25 15	...			...	...	...	...
Khanpur	25 07	24 07	22 08	21 13	20 15	...	...	...	...
Lahore	11 07	03 03	32 05	32 05	32 09	35 04	02 03	03 05	...
Multan	22 08	23 08	22 07	21 04	20 09	01 09	35 13	34 10	27 10
Muscat	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...
Peshawar	...	04 04	09 05	18 09	24 09	30 12		...	...
Quetta	...	...	...	...	19 04	...	...	...	...
Sharjah	...	...	...	...	...	...	...	...	...
Sylhet	32 04	21 03	20 05	19 06	17 10	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	12 09	12 07	12 10	...	...	...
Chaklala	...	...	...	...	...	...
Chhor	22 20	24 26	...	...	...	...
Chittagong	17 21	...	...	...	...	...
Cox's Bazar	No	Ascent	...	...	...	...
Dacca	18 12	20 12	20 13	...	...	...
Dalbandin	...	...	26 02	21 11	25 15	31 10
D. I. Khan	...	...	...	...	...	...
Drosh	...	...	...	24 01	24 07	21 15
Fort Sandeman	...	...	...	33 02	34 04	06 27
Jacobabad	18 17	20 10	22 04	16 02	28 05	32 10
Jessore	No	Ascent	...			...
Jhelum	No	Ascent	...		...	...
Jiwani	14 06	14 06		...		...
Karachi	26 21	...			...	...
Khanpur	22 15	23 17	23 19	23 25	22 09	...
Lahore	20 08	23 07	23 06	28 05	32 05	35 08
Multan	21 18	22 17	20 13	17 08	18 02	32 10
Muscat	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...
Peshawar		30 06	26 03	23 04	...	...
Quetta	...	...	...	...	27 09	30 15
Sharjah	...	...	...	...	...	...
Sylhet	12 07	...		...		...
Veraval	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	11 09								...	...	...
Chaklala	...	12 03	10 04	27 05	31 11	31 05	24 12	24 05	...	...	...
Chhor			...	...	...	...	...	...	...	...	...
Chittagong	17 17	17 23	18 29	...	...	...		...	...	...	...
Cox's Bazar	No	Ascent	...	...	...	...	...	...	...	...	...
Dacca	15 13	15 13						...	...	...	...
Dalbandin	...	...	21 08	23 09	28 09	31 11	34 09	...	...	...	...
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...
Drosh		...	...	...	25 04	19 04	22 05	26 01	33 02	03 07	25 02
Fort Sandeman				26 02	xxxx	xxxx	34 12	34 12	28 09	01 07	...
Jacobabad	19 06	20 06	20 05	21 07	28 07	01 13	...	...	...	...	...
Jessore	No	Ascent	...	...	...	...	...	...	...	...	...
Jhelum	11 03	12 09	27 05	28 10	37 11	25 09	28 05	...	...	...	...
Jiwani	14 03	13 03	...	...	...	...	...	...	...	...	...
Karachi	26 17							...	...	...	...
Khanpur	21 27	22 22	22 19	23 22	23 14	22 11	35 15	...	...	...	...
Lahore	11 02	03 02	xxxx	30 08	29 07	30 12	32 13	28 12	28 13	26 10	26 08
Multan	21 10	20 10	20 10	28 08	23 05	33 08	02 07	32 14	...	...	...
Muscat	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	02 03	25 03	24 08	28 08	30 19	32 09	31 07	31 06	...	...
Quetta	...	...	...	...	34 02	35 10	07 10	05 09	...	...	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...
Sylhet	25 07	18 13	18 15	...	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Misda										...	...	...	...	...	...	...	...
Karachi	26 19	25 20	27 22	28 17	30 10	35 10	03 12	06 10	07 11	08 14		...	...		...	...	...	...
Peshawar																		
Quetta																		

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

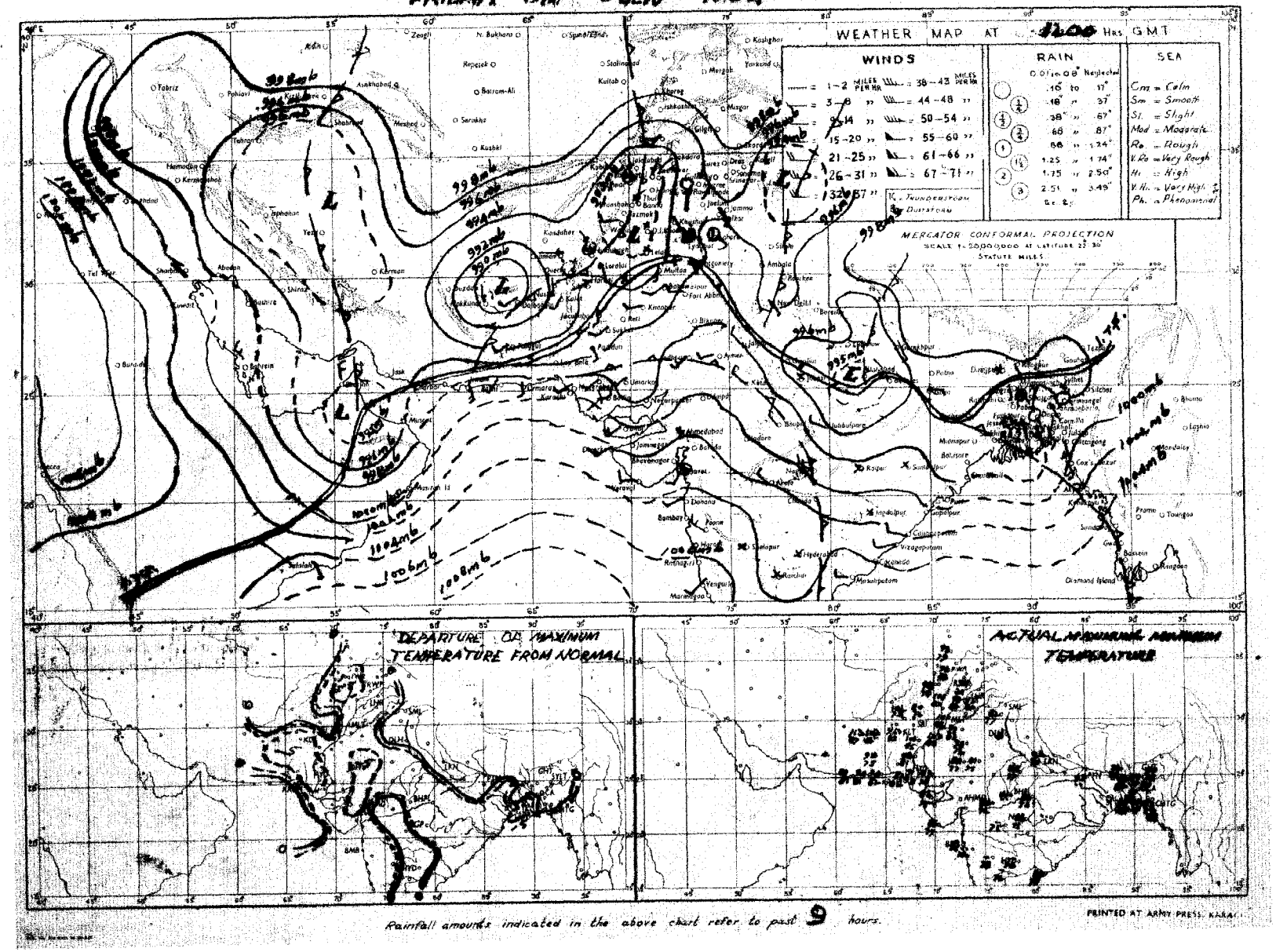
Cloud observation Data (GGlli $Cd_{v.v.}$etc.)

12 530 62 600 06 571 62 715

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, 31st JULY 1959



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

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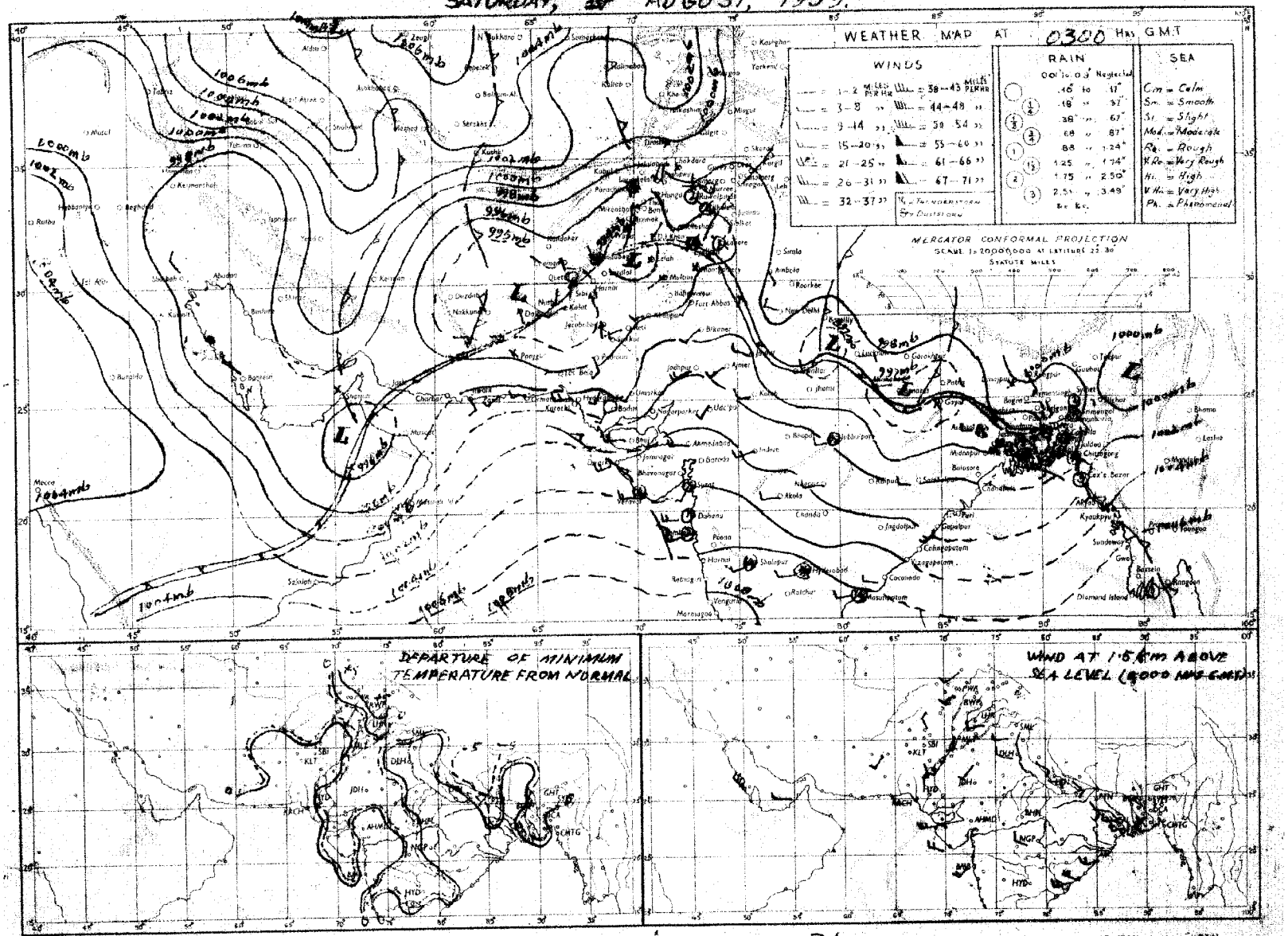
PAKISTAN DAILY WEATHER MAP

SATURDAY, 1st AUGUST, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

SNUDAY THE 2nd AUGUST 1959.

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

Yesterday's low pressure wave over Peshawar and D. I. Khan divisions is moving across Rawalpindi division and adjoining areas.

A fresh low pressure wave is moving across north of Afghanistan.

They have caused fairly widespread thunderstorms/showers in Peshawar and Rawalpindi divisions, local in Lahore division and scattered in Multan division. Isolated light rain has also been reported from D. I. Khan division.

The low over Oman has weakened and is becoming unimportant.

Observations from Utter Pradesh are scanty but believe yesterday's low has moved to East Punjab hills.

Rainfall has been widespread in East Pakistan.

Chief amounts of rainfall are: Cox's Bazar 6", Chittagong 5", Dacca, 1½" Sylhet and Jessore 1" each, Rawalpindi 3/4", Comilla, Mymensingh, Narayanganj, Khulna Sirajganj, Murree, Cherat and Campbellpur ½" each and Faridpur, Barisal, Satkhira, Bogra, Lahore, Chakdara. Haripur and Kakul ¼" each.

Day temperatures were 2—5 °F below normal in Peshawar, Rawalpindi, Khairpur, and Quetta divisions and in the southern districts of East Pakistan.

Forecast valid until the evening of 3rd August 1959. Fairly widespread rain/thundershowers will occur in East Pakistan and in Peshawar, Rawalpindi divisions and Kashmir, local in Lahore and D. I. Khan divisions and scattered in Multan, Bahwalpur and Quetta divisions.

Heavy Rainfall Warning:— Locally moderate to heavy rain will fall in East Pakistan and in Peshawar, Rawalpindi divisions and Kashmir during the next 36 hours.

Karachi-11
The 2nd August 1959.

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

OBSERVATIONS

At 1200 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)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	163	9	8	20	05	95	62	6	996	78	7	5	4	2	x	78	75
	Chittagong	102	8	8	13	09	97	63	6	987	79	8	4	4	x	x	78	82
	Maijdee Court	010	7	4	13	09	97	02	6	974	81	2	4	7	6	0	77	84
	Comilla	000	8	8	00	00	96	02	2	979	82	8	4	5	x	x	78	86
	Brahmanbaria	000	0	5	18	05	97	05	1	972	84	5	4	5	0	0	77	87
	Sylhet	099	2	8	00	00	94	93	9	976	78	8	7	4	x	x	77	86
	Srimangal	014	4	8	00	00	96	03	6	978	80	8	3	4	x	x	78	90
Dacca	Mymensingh	000	0	8	00	00	98	02	2	963	85	8	7	5	x	x	78	88
	Narayanganj	000	9	7	18	05	97	03	2	959	83	2	4	5	3	8	77	88
	Dacca (Tezgaon)	007	8	7	18	07	98	21	6	956	81	1	3	6	3	1	77	88
	Faridpur	030	6	8	16	05	96	02	6	973	81	5	4	6	1	x	79	85
	Barisal											...	...	...	...	...	...	
Rajshahi	Khulna	058	6	8	00	00	95	03	6	966	80	8	5	5	x	x	79	81
	Satkhira	023	8	8	00	00	95	02	6	961	80	x	x	x	x	x	xx	81
	Jessore	000	0	8	18	03	98	02	2	944	83	8	1	7	x	x	77	88
	Sirajganj	019	7	6	13	03	96	03	6	951	85	3	5	6	1	0	78	88
	Bogra	012	3	5	00	00	96	01	6	946	86	5	0	9	2	0	78	91
	Dinajpur	000	0	6	18	02	96	83	1	xxx	86	6	5	6	0	0	79	89
	Rangpur																	
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	017	4	8	00	00	96	17	9	939	81	3	3	6	2	x	79	95
	Sialkot	000	1	5	00	00	97	03	0	918	91	5	7	6	0	0	78	91
Rawalpindi	Jhelum	002	7	5	00	00	97	02	5	912	90	3	2	6	0	8	77	91
	Rawalpindi	000	0	3	16	02	99	01	1	906	89	2	1	7	0	8	79	89
	Khushab	000	0	0	09	03	99	00	0	914	96	0	0	9	0	0	82	97
Multan	Lyallpur	000	3	7	00	00	95	51	9	920	89	7	3	8	6	0	81	99
	Montgomery	000	0	6	00	00	96	03	1	911	98	6	3	3	0	0	75	99
	Multan	000	0	3	23	05	98	03	0	900	99	0	0	9	0	2	82	03
Bahawalpur	Leiah	000	0	2	25	03	96	03	0	910	01	0	0	0	0	2	82	03
	Khanpur																	
	Bahawalpur	000	0	0	20	03	98	00	0	914	97	0	0	9	0	0	67	00
	Fort Abbas																	
Peshawar	Chakdara	000	0	2	23	02	99	01	1	890	91	2	1	7	0	0	80	93
	Peshawar	000	0	2	07	09	98	03	1	885	95	2	6	6	0	0	76	96
	Haripur	000	4	3	23	02	97	02	1	996	89	3	5	6	0	0	85	93
	Campbellpur	000	0	4	13	03	98	01	0	023	92	0	0	9	0	2	83	92
D. I. Khan	Bannu	000	4	3	16	02	99	01	0	891	00	3	0	9	3	0	76	01
	D. I. Khan	000	6	0	00	00	98	00	0	900	02	0	0	9	0	0	84	02
Quetta	Sibi	000	4	4	18	02	98	03	1	898	04	0	0	9	0	6	76	05
Kalat	Nokkundi	000	0	0	36	05	95	05	0	975	11	0	0	9	0	0	43	12
	Turbat	000	0	3	20	04	96	03	0	940	02	3	0	9	6	0	78	05
	Jiwani	000	0	3	18	12	96	01	2	959	96	3	6	5	0	0	75	90
	Pasni	000	0	6	16	10	97	02	0	960	89	6	5	7	0	0	79	91
	Ormara	000	0	5	27	05	98	02	1	961	87	5	2	6	0	0	77	91
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	18	97	03	1	965	86	4	6	4	4	0	79	89
	Karachi (Air Port)	000	7	6	25	12	96	01	5	962	86	6	5	5	0	0	79	90
	Badin	000	0	0	23	02	97	00	0	960	87	0	0	9	0	0	83	88
	Nagarparker	000	0	8	23	02	96	02	2	965	90	8	7	7	x	x	59	94
	Umarkot	000	0	7	20	14	98	02	0	945	88	7	2	6	0	0	68	88
	Hyderabad	000	0	2	23	12	97	01	0	945	91	2	5	6	0	0	75	93
Khairpur	Pad-i-dan	000	0	1	13	07	97	02	0	908	00	0	0	9	0	1	76	01
	Nawabshah	000	0	2	20	12	96	01	1	923	99	0	0	9	0	1	80	01
	Sukkur	000	8	2	00	00	96	03	1	903	02	0	0	9	0	8	83	03
	Kashmore	000	0	4	xx	xx	99	02	2	xxx	09	2	2	7	9	0	90	xx
	Jacobabad	000	0	1	18	05	96	01	0	899	02	0	0	9	0	1	74	03
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	000	0	0	00	00	98	00	0	004	79	0	0	9	0	0	39	83
	Alibad																	
	Gilgit																	
Rawalpindi	Murree	000	8	7	29	05	98	02	4	372	70	5	3	3	5	0	65	72
Peshawar	Drosh	000	0	1	23	10	98	01	0	334	98	1	1	7	0	0	51	01
	Cherat	000	0	0	18	05	99	02	4	380	80	0	8	9	0	0	77	81
	Kakul	011	7	3	20	05	99	02	6	366	81	3	2	6	0	0	72	82
	Landi Kotal	000	0	2	13	03	99	03	0	345	90	2	2	7	0	0	72	92
D.I. Khan	Parachinar	000	0	1	11	02	99	02	0	796	86	0	0	9	0	1	63	xx
	Miranshah	000	0	4	05	02	99	01	0	356	96	4	0	8	4	0	70	96
	Wana	000	0	3	11	05	99	20	1	351	88	3	0	9	2	0	67	92
	Fort Sandeman	000	0	1	00	00	98	03	0	358	96	1	1	7	0	0	57	97
Quetta	Hindubagh	000	5	5	29	02	96	03	0	348	83	0	0	9	0	3	57	83
	Loralai	000	0	5	13	02	98	02	1	541	89	5	0	9	2	0	69	89
	Harnai	000	0	2	xx	xx	98	02	0	xxx	xx	x	x	x	x	x	xx	xx
	Quetta	000	0	2	00	00	96	02	0	366	92	2	0	8	3	0	59	94
	Chaman	000	0	0	27	02	98	00	0	369	01	0	0	9	0	0	37	02
	Kalat	000	0	6	27	05	98	02	2	371	86	6	1	7	0	0	53	89
Kalat	Nushki	000	4	2	18	02	98	03	0	452	07	2	0	9	2	0	65	08
	Dalbandin	000	8	4	31	05	94	06	0	371	08	3	8	7	4	0	48	11
	Panjgur	000	0	4	23	07	98	03	0	421	98	4	0	9	3	0	57	99
Afghanistan	Kabul	000	0	0	18	02	99	00	0	480	87	0	0	9	0	0	63	95
	Kandahar																	

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

Divisions	Stations	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	563	9	8	25	05	91	65	6	003	76	7	4	3	2	x	76	75	— 6	— 1	71.8	+ 3.4	87.7	140
	Chittagong	482	9	8	20	09	95	63	6	986	77	8	7	3	x	x	77	76	— 4	0	53.4	+ 7.6	85.5	108
	Maijdee Court																		— 2					115
	Comilla	052	3	8	00	00	96	02	6	981	79	8	4	5	x	x	78	77	— 1	0	27.6	— 8.3	53.6	94
	Brahmanbaria	015	0	6	13	03	97	03	1	977	83	6	5	5	0	0	77	77	—		26.5	— 0.6	52.5	76
	Sylhet	108	0	5	09	05	97	02	9	979	84	3	5	6	3	1	72	77	—	—	88.5		126.4	—
	Srimangal	014	0	7	18	02	96	03	2	982	83	5	2	5	4	0	78	76	— 1	0	38.8	+ 6.1	72.6	98
Dacca	Mymensingh	045	9	8	13	02	95	60	5	976	80	8	6	3	x	x	79	77	0	— 1	29.4	— 5.1	60.5	91
	Narayanganj	049	2	8	13	02	93	25	6	973	80	6	7	5	2	x	79	78	0	— 1	27.8	+ 1.6	48.8	74
	Dacca (Tezgaon)	163	9	8	13	05	97	21	6	967	79	7	4	4	7	x	79	78			78.0		44.6	—
	Faridpur	030	9	8	16	02	97	03	0	965	83	8	5	6	x	x	79	77	— 2	— 2	21.6	— 3.9	49.8	71
	Barisal	021	0	6	00	00	97	03	2	967	82	6	0	8	4	0	79	76		— 2	47.3	+ 14.8	60.4	81
Rajshahi	Khulna	058	0	8	00	00	95	02	2	975	82	8	5	6	x	x	79	78	6	0	35.9	+ 8.1	56.7	68
	Satkhira	023	0	8	00	00	95	03	2	970	82	x	x	x	x	x	74	77	— 7	+ 1	27.6	+ 1.2	46.0	65
	Jessore	115	9	8	13	05	97	03	6	963	82	8	4	5	x	x	73	77			18.3	— 6.8	34.3	65
	Sirajganj	052	7	8	18	03	97	5n	5	958	83	8	7	4	x	x	79	74	+ 1	— 5	19.4	— 5.4	45.5	64
	Bogra	024	1	7	9	02	96	61	5	963	82	6	6	4	2	0	79	79	0	0	17.6	— 9.2	36.7	69
	Dinajpur	000	2	4	00	00	96	02	2	xxx	85	4	0	9	2	0	78	80	+ 2	+ 1	21.5	— 8.5	37.9	72
	Rangpur	002	1	6	13	02	96	20	1	xxx	80	6	5	6	0	0	78	79	0	0	31.0	— 3.6	52.9	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	018	9	8	00	00	96	02	9	945	81	3	5	6	2	6	78	78	— 3	0	9.7	+ 2.3	13.5	19
	Sialkot	000	9	8	13	02	97	02	2	970	83	8	5	6	x	x	77	77	— 5	— 2	31.5	+ 21.3	38.4	32
Rawalpindi	Jhelum	014	2	8	00	00	97	02	9	952	77	3	7	6	7	x	75	74	—	—	38.2	—	30.5	—
	Rawalpindi	075	0	8	18	02	98	02	2	945	75	8	3	6	x	x	74	73	— 6	— 3	48.2	+ 7.3	31.3	36
	Khushab	000	0	3	09	02	99	01	1	962	86	3	3	6	0	0	77	79	— 4	— 3	10.9	+ 5.3	16.4	15
Multan	Lyallpur	030	0	6	00	00	96	02	5	944	81	6	3	8	0	0	77	81	0	— 1	6.5	+ 2.2	9.2	12
	Montgomery	000	0	0	00	00	96	00	0	001	85	0	0	9	0	0	76	79	— 3	— 4	1.2	— 2.4	3.5	10
	Multan	000	0	6	13	10	97	03	1	925	86	4	0	9	5	2	81	85	0	+ 1	3.7	+ 1.0	5.7	7
Bahawalpur	Leiah	000	0	8	13	12	95	08	2	939	86	6	5	8	8	x	83	85		—	2.9	—	4.8	8
	Khanpur	000	0	1	02	07	96	03	0	926	85	0	0	9	0	1	78	83	0	+ 1	0.3	— 2.5	1.2	6
	Bahawalpur	000	0	0	20	05	97	00	0	947	86	0	0	9	0	0	79	80	—	—	3.3	—	3.7	6
	Fort Abbas																							4
Peshawar	Chakdara	020	2	8	00	00	98	03	9	928	75	8	4	7	x	x	74	74	—	—	7.3	—	17.9	—
	Peshawar	000	6	7	34	09	97	02	9	955	78	7	6	4	3	0	75	76	— 4	— 3	2.2	+ 0.5	15.2	14
	Haripur	037	3	3	23	02	97	02	6	*936	81	3	5	6	0	0	66	72	—	—	9.6	—	20.5	
	Campbellpur	045	5	2	13	03	98	01	9	977	76	2	0	9	7	0	75	71	—	—	11.8	—	25.7	—
D. I. Khan	Bannu	003	0	8	13	02	97	50	6	934	81	8	6	6	x	x	77	81	—	—	9.5	—	16.4	11
	D. I. Khan	000	2	8	05	02	97	03	2	978	80	8	8	8	x	x	74	78	+ 1	— 4	9.8	+ 6.8	13.5	10
Quetta	Sibi	000	0	0	18	02	99	00	0	920	88	0	0	9	0	0	78	81	—	—	2.3	—	2.6	5
Kalat	Nokkundi	000	0	0	36	05	97	02	0	900	93	0	0	9	0	0	44	88	—	—	0	—	1.1	2
	Turbat	000	0	6	23	02	95	03	0	971	84	6	0	9	6	0	78	xx	—	—	2.1	—	6.6	—
	Jiwani	000	0	4	18	02	96	02	1	957	85	3	5	5	0	9	76	81	—	—	0.1	—	5.7	4
	Pasni	000	0	8	23	05	97	02	0	960	84	8	5	7	x	x	76	81	+ 2	+ 4	0	— 0.7	2.5	6
	Ormara	000	0	7	27	03	98	02	1	959	84	7	4	5	0	0	78	81	—	—	0.1	— 0.6	2.0	6
	Las Bela																							8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	25	16	96	03	2	959	83	8	0	9	2	x	79	81	+ 4	+ 2	6.5	+ 2.4	6.5	8
	Karachi (Air Port)	000	0	8	25	10	96	03	2	959	83	3	6	5	3	x	79	82	—	—	9.3	—	9.6	—
	Badin	000	2	8	23	02	96	03	2	982	80	8	9	7	x	x	76	77	— 2	— 3	4.6	+ 0.6	4.6	9
	Nagarparker	000	0	8	00	00	96	02	2	984	82	8	7	7	x	x	58	74	—	—	7.7	—	7.7	—
	Umarkot	000	0	8	20	10	98	02	0	950	81	8	0	9	2	x	75	79	—	—	10.4	—	11.1	—
	Hyderabad	000	0	8	23	14	97	03	0	943	83	3	5	6	2	x	76	81	— 4	+ 1	6.4	+ 2.9	7.1	7
Khairpur	Pad-i-dan	000	0	1	13	07	97	01	0	917	86	0	0	9	0	9	76	82	—	—	4.7	—	4.9	—
	Nawabshah	000	0	7	18	05	96	03	1	929	85	7	0	9	7	0	78	82	—	—	3.0	—	3.7	
	Sukkur	000	0	1	05	02	96	01	0	923	85	0	0	9	0	9	77	82	—	—	1.1	—	2.1	4
	Kashmore	000	0	4	18	05	99	02	1	xxx	xx	2	2	7	9	0	78	88	—	—	0	—	0.1	—
	Jacobabad	000	0	2	09	10	96	02	0	923	86	2	0	9	2	0	78	85	— 2	+ 2	3.7	+ 2.4	5.4	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...		—					—
	Alibad																							
	Gilgit																							5
Rawalpindi	Murree	062	9	7	00	00	97	02	9	394	62	3	5	5	8	0	60	59	—	— 1	27.5	+ 10.4	52.8	59
Peshawar	Drosh	000	0	3	00	00	97	03	0	369	80	3	2	7	0	0	66	79	+ 5	+ 6	1.2	—	30.4	18
	Cherat	055	0	3	36	03	96	40	6	387	70	2	0	9	2	8	70	66	— 6	— 5	4.7	— 0.4	14.7	29
	Kakul	030	7	7	00	00	97	01	6	384	71	6	4	6	6	0	69	68	—	—	10.5	—	21.5	—
	Landi Kotal	000	0	6	05	03	98	03	1	377	73	6	6	4	0	0	69	xx	—	—	2.5	—	17.5	—
D.I. Khan	Parachinar	000	0	4	36	01	99	02	0	804	71	3	0	9	1	1	58	xx	—	—	9.7	—	23.7	29
	Miranshah	000	0	6	05	02	99	03	1	378	54	4	2	7	2	0	69	79	—	—	2.6	0	5.6	13
	Wana	000	3	4	00	00	99	03	0	362	77	4	2	7	0	0	70	75	—	—	3.5	—	12.5	—
	Fort Sandeman	000	0	5	05	03	98	03	0	413	83	5	1	6	0	0	68	77	+ 2	+ 3	3.1	+ 0.2	11.8	11
Quetta	Hindubagh	000	0	0	00	00	98	00	0	354	83	0	0	9	0	0	57	82	—	—	1.7	—	9.8	—
	Loralai	000	0	2	00	00	98	02	1	484	75	0	0	9	0	3	72	67	—	—	5.8	—	11.6	—
	Harnai	000	0	2	36	01	96	02	0	xxx	xx	x	x	x	x	x	xx	xx	—	—	5.0	+ 0.8	8.4	14
	Quetta	000	0	0	00	00	95	00	0	398	78	0	0	9	0	0	69	66	—	—	2.8	—	8.4	8
	Chaman	000	0	0	23	03	98	02	0	374	78	0	0	9	0	0	48	75	+ 2	— 1	0.1	+ 0.1	6.2	7
	Kalat	000	0	2	13	05	97	03	0	386	73	2	0	9	3	0	59	63	— 1	+ 2	4.9	+ 4.1	10.3	>
Kalat	Nushki	000	2	4	18	02	98	03	0	421	91	0	0	9	0	2	73	85	—	—	0.4	—	2.2	—
	Dalbandin	000	9	0	31	02	95	05	0	368	86	0	0	9	0	0	37	82	+ 3	+ 7	0.3	+ 0.1	2.3	5
	Panjgur	000	0	0	18	02	98	00	0	416	78	0	0	9	0	0	66	xx	— 2	—	1.2	—	2.9	4
Afghanistan	Kabul	000	0	0	00	00	99	00	0	425	75	0	0	9	0	0	57	51	—	—				12
	Kandahar																							—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 2nd AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C h_s	O $T_rT_rT_dT_d$	Id_wd_w PH
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Chambord	73 265	629 00	0 36 09	98 02 0	965 86	00 9 00	35 71 5	...	0 54 79	1 36 x1
Isidora	73 269	523 06	2 31 12	97 02 0	990 93	21 6 00	76 21 0	...	0 03 75	1 31 22
Isocardia	73 235	592 06	3 12 05	98 02 1	040 90	xx x xx	35 40 0	...	0 00 84	1 15 x1
Chambord	73 264	542 06	1 23 04	98 03 0	985 93	14 4 00	24 40 0	...	0 05 84	1 23 20
Isocardia	73 225	594 09	3 12 05	98 02 1	040 91	00 9 07	35 40 0	...	0 02 60	1 12 x0
Chambord	73 263	549 09	1 30 08	98 02 0	980 97	10 7 40	25 70 5	...	0 10 84	1 30 21
Isidora	73 277	507 12	4 31 15	97 02 0	975 90	41 6 00	76 40 0	...	0 02 77	1 31 22
Chambord	73 263	557 12	3 30 08	98 03 1	965 95	30 7 50	25 71 5	...	0 04 86	1 30 21
Chambord	73 264	563 15	4 23 14	98 02 0	950 91	40 6 42	25 61 5	...	0 00 84	1 23 22
Chambord	73 263	568 17	0 20 06	98 02 0	965 90	00 9 00	35 21 5	...	0 02 84	1 20 xx
Isidora	73 286	493 18	0 31 10	98 07 0	975 90	00 9 00	76 20 5	...	0 02 81	1 31 22
Isocardia	73 209	594 18	8 21 16	97 02 2	038 75	xx x xx	45 20 3	...	0 51 70	1 21 x2
Dara	73 240	595 18	0 18 09	98 02 0	960 88	00 9 00	25 40 0	...	0 53 84	1 18 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100mb
		PPPTTTTdTdTd	HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	993 278 245	...	...	380 215 999	...	083 178 999	379 085 999	853 545 999	591 690 999	974 755	256 965	440 135	...
Lahore ...	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...	02 00	820 222 152	Misda	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	150 135 999	...	...
Lahore ...	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...													
Quetta ...	02 00	...	Misda	...	...	...	...	...	...	...	...	...	...

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5		7	8	9	10
Bogra ...	15 13	15 16	16 15		...	...	...		
Chaklala ...	...	14 05	15 06	28 07	28 11	32 09	32 15	30 13	31 12
Chhor ...	22 19	22 24	...	...	...	...			...
Chittagong ...	No	Ascent	...	...	...	...		...	...
Cox's Bazar ...	No	Ascent	...	...	...	...		...	...
Dacca ...	18 13	18 16	18 15	13 13	19 13	17 10	12 11	10 14	12 17
Dalbandin ...		...	26 07	23 07	26 03	34 0	33 07	33 05	03 04
D. I. Khan ...	...	...	...						
Drosh ...	...		...		22 10	20 08	35 10	35 10	36 08
Fort Sandeman ...	...		...	25 04	25 05	34 05	32 23	32 19	35 09
Jacobabad ...	16 10	17 06	21 06	27 08	33 06	09 08	31 10	34 15	35 13
Jessore ...	No	Ascent						...	...
Jhelum ...	11 01	11 04	12 04	30 08	32 10	32 10	32 19		...
Jiwani ...	19 09	26 04	26 05	29 07	33 14	32 11	36 08	35 06	34 11
Karachi ...	25 14	25 15							...
Khanpur ...	23 19	31 13	22 07	19 17	24 09	30 08	35 18	35 23	...
Lahore ...	18 06	15 09	14 05	34 05					...
Multan ...	20 27	21 15	21 13	28 10	29 09	31 08	33 22	xx xx	33 26
Muscat ...									
Panjgur ...	...		...			...	...		...
Peshawar ...	...	05 12	05 07	20 08	16 05	...	...	...	...
Quetta ...	...	...	...	...	33 07	32 08	31 12	32 14	30 15
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	...	No	Ascent	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	08 15	08 10	04 04	11 03	08 05	...
Chaklala ...	...	...	...		...	...
Chhor ...	22 13	20 16	...	...	...	...
Chittagong ...	No	Ascent	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...
Dacca ...	19 06	20 05	23 06	29 05	25 04	16 05
Dalbandin ...	...	...	25 08	30 05	27 07	30 09
D. I. Khan ...	...	...	...			
Drosh ...	...	...	...	23 01	23 07	18 06
Fort Sandeman ...	...	...		01 02	27 02	30 27
Jacobabad ...	18 13	19 08	20 04	26 06	29 16	33 15
Jessore ...				...		...
Jhelum ...	31 07	09 06	07 07		...	...
Jiwani ...	17 03	31 08	28 06	...		...
Karachi ...	35 20				...	...
Khanpur ...	19 25	21 29	22 30	24 19		...
Lahore ...	10 12	14 08	19 07	23 10		
Multan ...	20 17	21 16	20 10	11 02	35 06	34 10
Muscat ...	...	...		...	...	...
Panjgur ...	...			...	...	...
Peshawar ...	...	14 08	11 05	...		...
Quetta ...		...	...	...	24 06	30 17
Sharjah ...	...					
Sylhet ...	12 08	14 09	15 09	15 09	17 06	18 08
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	13 12	13 09	12 07	13 04	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...		...	...	...	...	...	...
Chhor ...			...	...	...	...		...	...	...	...
Chittagong ...	21 13	21 13	...	...	...	...	...	...	...	...	...
Cox's Bazar ...				...		...	...	...	...	...	...
Dacca ...	22 07	21 05	22 04	22 06	24 09	21 05				...	...
Dalbandin ...	...	...	23 07	25 15	25 11	28 04	21 05	17 13	20 12	06 16	34 11
D. I. Khan ...	...	...	...								...
Drosh ...	...	...	...	...	15 01	16 03	35 08	36 07	35 08	32 11	
Fort Sandeman ...				15 01	02 03	32 07	31 17	32 18	03 18	35 16	28 14
Jacobabad ...	14 06	15 07	17 07	22 07	34 14	30 03	32 06	30 30	06 12	...	...
Jessore ...	25 07	25 08	...				...	...	...	...	...
Jhelum ...	14 03	14 07	16 07	17 06	21 04	21 05	...	...	...	...	...
Jiwani ...	15 04	27 05	27 08	29 09	29 07	...	...		...	...	...
Karachi ...	27 19	26 21					...			...	...
Khanpur ...	21 28	20 33	20 28	22 15	22 09	21 08	29 17	01 21	01 21	...	...
Lahore ...	16 03	17 03					...		...	...	...
Multan ...	15 07	17 06	18 04	04 04	02 08	35 13	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...		...				...	...	...	...	...
Peshawar ...	...	33 03	19 03	17 10	22 09	29 25	01 04	01 05	...	...	...
Quetta ...	...	...	...	...	32 05	34 07	...	...	...	...	...
Sharjah ...			...	...	...	...		...	...	...	...
Sylhet ...	08 05	10 05	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Misda																	
Karachi ...	26 25	26 75	27 25	28 22	31 16	33 15	03 19	04 12	03 08	36 09	03 15	05 14	07 14	09 14	09 15	11 14	...	...
Peshawar ...																		
Quetta ...																		

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

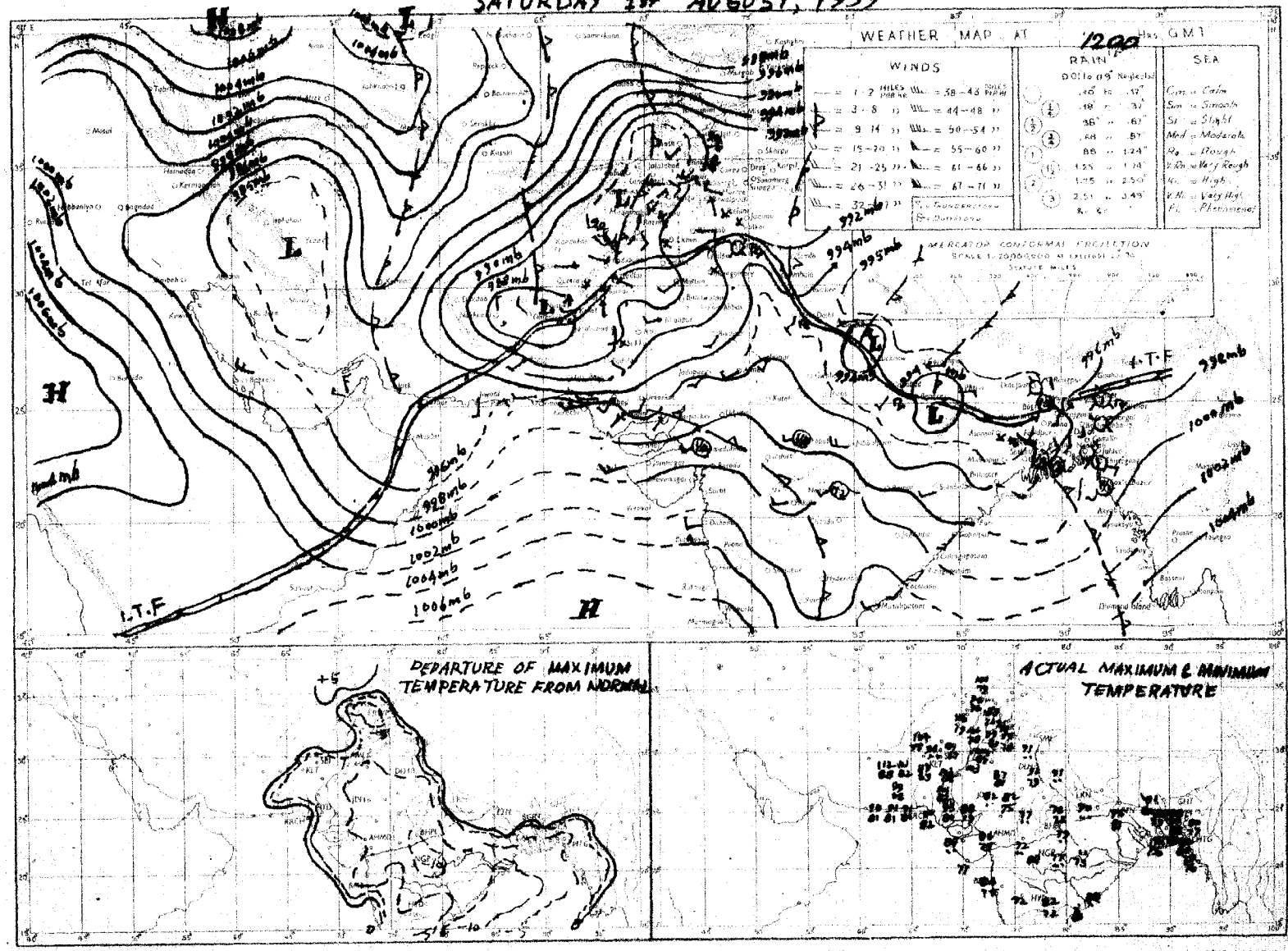
Cloud observation Data (GGiii Cddv,v, etc.)

06 675 33 515

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 1st AUGUST, 1959



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

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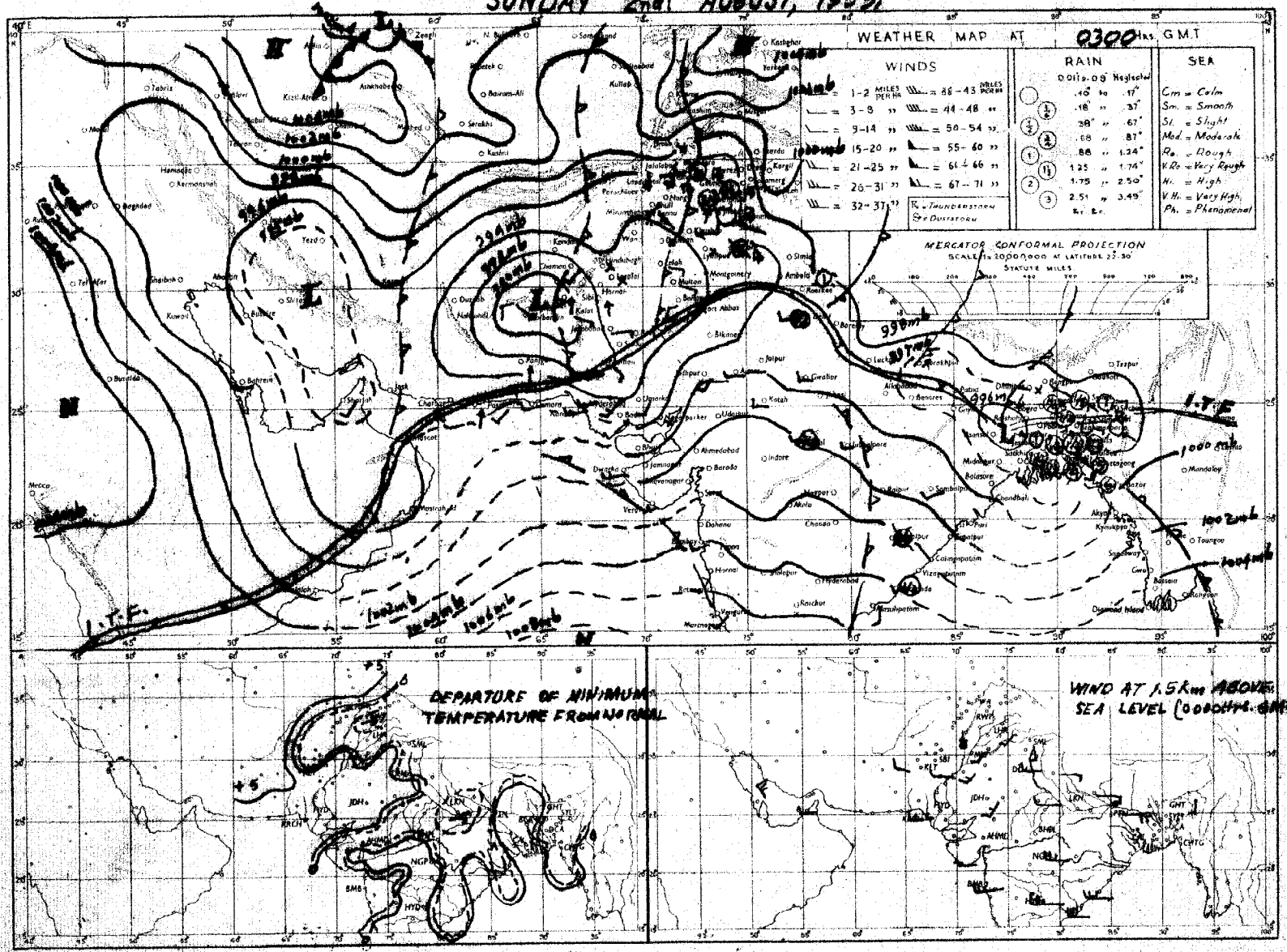
PAKISTAN DAILY WEATHER MAP

SUNDAY 2nd AUGUST, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

MONDAY THE 3rd AUGUST 1959.

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

Yesterday's low pressure wave over Rawalpindi division moved away eastwards while the other one over north Afghanistan is now moving across Rawalpindi division and Kashmir.

Local thunderstorms/showers have occurred in Lahore division and scattered in Multan and Peshawar divisions.

A fresh low pressure wave is moving across East Russian Turkistan.

A well marked low lies over West Bengal and adjoining Bihar.

Rainfall has been fairly widespread in East Pakistan.

Chief amounts rainfall are: Chittagong, Faridpur 5" each, Khulna, Jessore 3" each, Maijdee Court, Rajshahi 2" each, Cox's Bazar 1½", Barisal 1", Comilla, Sylhet, Dacca, Satkhira, Sirajganj, Multan ½" each and Rangpur ¼".

Day temperatures were: 4—8 °F below normal in Multan, Lahore, Rawalpindi, D. I. Khan, lower Peshawar and lower Chittagong divisions and 4—5 °F above normal in Quetta division.

Forecast valid until the evening of 4th August 1959. Fairly widespread rain/thundershowers will occur in East Pakistan, local in Lahore, Rawalpindi, divisions and Kashmir and scattered in D. I. Khan, Peshawar and Quetta divisions.

Heavy Rainfall Warning:— Locally moderate to heavy rain will fall in East Pakistan during the next 24 hours.

Karachi-11
The 3rd August 1959.

OBSERVATIONS

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

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

Divisions	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	069	9	8	23	2	94	61	6	979	79	7	5	4	2	x	78	81
	Chittagong	033	9	8	16	03	97	62	6	972	79	5	4	4	x	x	76	82
	Maijdee Court	100	7	8	18	05	95	03	8	957	80	8	7	5	x	x	78	85
	Comilla	000	0	8	00	00	96	02	2	961	82	8	4	5	x	x	79	87
	Brahmanbaria	008	2	8	00	00	97	03	6	947	83	8	4	4	x	x	79	78
	Sylhet	006	2	7	00	00	97	62	6	948	83	5	8	6	3	0	79	87
	Srimangal	013	5	7	13	02	96	03	6	954	82	3	3	4	2	x	78	88
Dacca	Mymensingh	006	8	8	13	02	98	02	6	949	84	8	7	4	x	x	79	86
	Narayanganj	000	9	8	18	02	95	03	2	979	83	2	1	6	7	8	77	89
	Dacca (Tezgaon)	000	9	8	18	03	97	02	2	940	83	7	3	5	2	0	77	87
	Faridpur	014	3	8	16	02	96	60	6	959	83	8	4	6	x	x	80	80
	Barisal	042	9	8	00	00	96	61	6	955	80	8	0	7	6	0	77	87
Rajshahi	Khulna	056	1	8	00	00	95	61	2	950	81	8	5	5	x	x	80	87
	Satkhira	000	0	8	18	02	94	03	2	941	82	x	x	7	x	x	79	86
	Jessore	070	3	8	18	02	95	60	6	946	81	8	8	5	x	x	80	89
	Sirajganj	036	9	8	00	00	98	02	2	922	84	8	1	9	0	4	81	84
	Bogra	001	8	7	13	02	96	02	6	936	84	4	5	5	1	0	78	86
	Dinajpur	007	7	6	00	00	96	02	6	030	86	4	5	7	1	0	78	88
	Rangpur	925	8	6	13	02	96	21	6	xxx	84	6	5	6	0	0	80	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	7	13	02	96	03	2	925	91	7	8	6	0	0	79	92
	Sialkot	000	9	7	00	00	97	03	1	922	88	7	5	6	x	x	78	90
Rawalpindi	Jhelum	000	8	5	00	00	97	02	2	921	91	4	1	7	0	8	79	92
	Rawalpindi	002	0	3	25	02	99	01	1	928	88	2	1	8	0	8	80	89
	Khushab	000	0	4	09	02	96	03	1	941	91	4	3	6	0	0	79	92
Multan	Lyallpur	000	0	0	00	00	96	00	0	921	88	0	0	9	0	0	77	91
	Montgomery	000	0	6	00	00	96	03	9	922	96	3	3	7	0	0	78	98
	Multan	045	7	6	36	02	97	02	1	911	95	2	1	6	0	2	81	96
Bahawalpur	Leiah	000	0	1	23	02	96	03	0	911	02	0	0	9	0	1	82	03
	Khanpur																	
	Bahawalpur																	
	Fort Abbas	000	0	0	23	03	98	00	0	925	93	0	0	9	0	0	77	99
Peshawar	Chakdara	000	0	2	23	03	99	01	1	914	89	2	1	7	0	0	80	90
	Peshawar	000	0	1	05	09	98	02	1	907	93	1	1	6	0	0	74	93
	Haripur	000	0	0	23	02	97	00	0	993	88	0	0	9	0	0	85	93
	Campbellpur	000	0	0	13	03	98	00	1	931	98	0	0	9	0	0	79	02
D. I. Khan	Bannu	000	5	5	13	02	98	03	6	909	91	5	1	6	0	0	78	92
	D. I. Khan	000	0	0	09	02	98	00	0	916	92	0	0	9	0	0	79	93
Quetta	Sibi	000	0	0	18	02	99	00	0	892	03	0	0	9	0	0	79	05
Kalat	Nokkundi	000	0	0	34	05	96	02	0	987	10	0	0	9	0	0	41	12
	Turbat	000	0	0	31	02	96	00	0	911	04	0	0	9	0	0	81	06
	Jiwani	000	0	4	18	14	96	03	1	924	87	4	6	5	0	0	77	89
	Pasni	000	0	6	20	12	97	00	0	933	88	6	5	7	0	0	78	91
	Ormara	000	0	6	23	05	98	02	1	935	90	6	0	9	2	0	77	90
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	25	14	96	03	2	943	85	4	6	4	4	0	79	87
	Karachi (Air Port)	000	0	8	23	14	96	03	2	942	84	4	6	4	2	x	80	87
	Badin	050	3	4	23	02	96	02	1	943	84	C	4	7	0	0	75	85
	Nagarparker	000	0	8	08	02	96	02	2	951	91	8	7	7	0	0	69	92
	Umarkot	000	0	8	20	17	98	00	0	931	87	8	0	9	2	0	77	89
	Hyderabad	000	0	7	23	14	97	03	1	930	87	5	5	6	2	0	76	93
Khairpur	Pad-i-dan	000	0	1	13	07	97	01	0	899	02	0	0	9	0	1	77	04
	Nawabshah	000	0	2	18	09	96	03	2	910	96	3	0	9	7	0	81	00
	Sukkur	000	6	0	05	03	96	00	0	904	02	0	0	9	0	0	80	03
	Kashmore	000	0	0	18	03	99	00	2	xxx	xx	0	0	9	0	0	xx	05
	Jacobabad	000	0	1	18	05	96	01	1	897	01	0	0	9	4	0	75	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	007	5	8	09	02	96	03	6	373	69	8	5	2	x	x	65	71
Peshawar	Drosh	000	0	0	23	12	98	02	0	314	97	0	0	9	0	0	50	02
	Cherat	000	0	2	23	05	98	03	1	359	78	2	1	6	0	0	75	80
	Kakul	000	8	5	04	17	99	03	2	373	80	5	3	7	0	0	70	82
	Landi Kotal	000	0	1	13	02	99	90	1	354	87	1	1	7	0	0	69	89
D.I. Khan	Parachinar	000	0	2	13	02	99	00	0	794	81	0	0	9	1	0	66	xx
	Miranshah	000	0	6	23	02	99	03	2	369	87	4	2	7	2	0	73	67
	Wana																	
Quetta	Fort Sandeman	000	0	4	31	02	98	03	1	358	98	3	1	6	0	1	55	99
	Hindubagh	000	0	0	29	03	98	00	0	307	96	0	0	9	0	0	52	97
	Loralai	000	0	2	13	02	98	02	1	467	87	0	0	9	0	3	68	89
	Harnai	000	0	2	27	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	31	02	96	00	0	311	96	0	0	9	0	0	66	97
	Chaman	000	0	0	34	03	98	00	0	449	04	0	0	9	0	0	11	05
Kalat	Kalat	000	0	2	23	03	98	02	1	345	89	2	0	9	1	0	41	89
	Nushki	000	4	0	31	05	98	00	0	422	08	0	0	9	0	0	63	09
	Dalbandin	000	3	1	27	03	95	05	0	362	09	1	1	8	0	0	45	10
	Panjgur	000	0	2	23	03	98	03	0	395	02	0	0	9	2	0	50	04
Afghanistan	Kabul	000	0	0	18	02	99	00	0	451	85	0	0	9	0	0	64	93
	Kandahar																	

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

Stations	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	153	9	8	20	07	95	60	6	6	80	7	4	4	2	x	79	75
Chittagong	494	9	8	16	05	95	62	6	990	77	8	4	3	x	x	77	76
Maijdee Court	252	9	8	00	00	96	72	6	976	82	6	5	6	2	x	79	76
Comilla	043	2	8	00	00	96	02	6	xxx	80	8	2	5	x	x	79	78
Brahmanbaria	008	0	4	13	05	97	03	1	975	84	4	5	4	0	0	79	78
Sylhet	054	9	8	09	09	96	02	6	981	82	7	7	4	2	x	78	78
Srimangal	013	0	6	13	07	96	03	4	980	82	5	4	6	0	1	75	77
Mymensingh	014	5	8	13	02	97	02	6	972	80	8	6	4	x	x	79	79
Narayanganj	000	9	8	16	03	97	03	2	966	85	8	4	4	x	x	79	79
Dacca (Tezgaon)	058	5	8	13	05	97	02	6	960	81	6	4	4	7	0	79	79
Faridpur	460	9	8	20	02	96	03	6	951	80	8	5	6	0	0	76	76
Barisal	114	5	6	18	02	96	03	6	965	83	4	6	5	4	0	80	77
Khulna	316	9	8	00	00	95	01	6	968	83	8	5	6	x	x	81	76
Satkhira	000	0	8	18	01	94	03	2	963	81	x	x	7	x	x	78	78
Jessore	305	9	8	23	05	95	63	6	959	80	8	7	5	x	x	79	77
Sirajganj	063	3	8	00	00	97	62	5	942	80	8	7	5	0	0	79	78
Bogra	007	9	7	09	05	96	20	6	953	82	6	7	4	1	0	78	79
Dinajpur	007	3	6	09	02	96	02	2	974	85	0	0	9	2	0	78	80
Rangpur	035	0	5	09	09	96	01	2	xxx	83	5	5	6	0	0	78	78
Jammu																	
Lahore (Jail Rd.)	001	6	3	13	03	96	01	9	950	83	3	0	9	4	0	77	78
Sialkot	000	9	7	13	03	97	02	2	947	85	7	4	6	x	x	79	78
Jhelum	000	8	4	00	00	97	02	1	946	86	1	1	7	3	0	78	81
Rawalpindi	000	0	8	00	00	98	03	2	943	83	8	0	9	5	0	78	75
Khushab	000	0	4	09	02	99	02	1	943	87	4	3	6	0	0	81	81
Lyallpur	000	0	0	00	00	96	00	0	938	86	0	0	9	0	0	77	81
Montgomery	000	0	0	00	00	96	00	0	949	85	0	0	9	0	0	76	83
Multan	045	0	6	05	05	97	03	0	941	86	2	9	6	0	2	77	76
Leiah	000	0	5	00	00	96	01	2	924	87	3	6	8	4	0	84	79
Khanpur	000	0	0	25	05	96	03	0	946	86	0	0	9	0	0	79	83
Bahawalpur																	
Fort Abbas	000	0	0	23	05	98	00	0	953	86	0	0	9	0	0	78	79
Chakdara	000	0	4	00	00	97	03	1	951	77	0	0	8	6	0	75	75
Peshawar	000	0	5	36	03	97	07	2	944	85	5	5	6	0	5	77	81
Haripur	000	4	4	23	02	96	03	2	940	80	4	6	6	0	0	61	71
Campbellpur	000	0	7	13	05	97	03	0	973	83	0	0	x	7	0	79	80
Bannu	000	0	0	13	02	99	00	0	925	85	0	0	9	0	0	79	80
D. I. Khan	000	3	7	00	00	97	03	1	939	86	0	0	9	7	0	80	76
Sibi	000	2	6	18	02	98	03	1	935	88	0	0	9	3	0	78	80
Nokkundi	000	0	0	34	05	97	02	0	903	95	0	0	9	0	0	37	87
Turbat	000	0	3	18	02	95	03	0	956	86	0	0	9	6	0	78	xx
Jiwani	000	0	4	13	09	96	03	0	957	85	4	5	5	0	0	79	82
Pasni	000	0	2	07	03	97	00	0	958	85	2	0	9	1	0	80	81
Ormara	000	0	8	27	12	98	03	1	963	83	8	4	5	0	0	80	82
Las Bela																	
Karachi (Manora)	000	0	8	25	12	96	03	2	964	83	0	0	9	2	0	79	82
Karachi (Air Port)	000	9	8	25	09	96	02	2	963	83	5	6	4	3	x	80	82
Badin	000	2	9	23	02	95	03	2	963	81	0	9	7	0	0	77	80
Nagarparker	000	0	8	00	00	96	02	1	977	84	8	7	7	0	0	56	75
Umarkot	000	0	8	20	09	98	00	0	956	80	8	5	6	0	0	76	79
Hyderabad	000	0	6	23	10	97	01	2	957	83	3	5	6	0	8	77	81
Pad-i-dan	000	0	0	13	05	97	02	0	937	84	0	0	9	0	0	77	81
Nawabshah	000	0	0	18	07	96	02	0	946	85	0	0	9	0	0	81	81
Sukkur	000	3	1	02	02	96	01	0	939	85	0	0	9	0	3	79	81
Kashmore	000	0	0	xx	00	99	00	2	xxx	xx	0	0	9	0	0	79	85
Jacobabad	000	0	0	11	09	96	02	0	939	86	0	0	9	0	0	78	84
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar	000	0	0	00	00	98	00	0	079	65	0	0	9	0	0	25	58
Aliabad																	
Gilgit																	
Murree	007	9	2	27	05	98	01	1	397	65	2	5	2	0	0	60	60
Drosh	000	0	3	00	00	97	03	0	378	82	3	2	7	0	0	62	78
Cherat	000	0	8	36	01	94	47	0	387	73	8	5	6	x	x	73	70
Kakul	000	9	1	11	03	97	01	1	391	76	1	2	5	0	0	69	71
Landi Kotal	000	0	4	05	01	99	02	2	380	78	4	5	7	0	0	71	xx
Parachinar	000	0	0	00	00	99	00	0	794	70	0	0	9	0	0	66	xx
Miranshah	000	0	8	00	00	98	02	0	391	80	4	1	7	0	(	75	78
Wana	000	0	6	20	02	99	10	2	393	77	6	5	8	0	0	71	75
Fort Sandeman	000	0	5	00	00	98	01	1	399	80	5	1	6	0	0	70	76
Hindubagh	000	0	0	00	00	98	00	0	360	75	0	0	9	0	0	60	74
Loralai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Harnai	000	0	2	06	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	000	0	0	00	00	95	00	0	471	78	0	0	9	0	0	68	67
Chaman	000	0	0	18	03	98	02	0	365	83	0	0	9	0	0	26	79
Kalat	000	0	0	18	02	98	02	0	392	79	0	0	9	0	0	55	63
Nushki	000	0	0	09	05	98	02	0	402	93	0	0	9	0	0	73	86
Dalbandin	000	9	0	00	09	96	02	0	363	80	0	0	9	0	0	47	74
Panjgur	000	0	0	00	00	98	00	0	399	80	0	0	9	0	0	61	75
Kabul	000	0	0	32	00	99	00	0	435	76	0	0	9	0	0	56	62
Kandahar																	

Departure from Normal of / Rainfall

Stations	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	— 4	— 1	73.3	+ 4.1	89.9	140
Chittagong	— 4	0	58.4	+11.9	90.4	108
Maijdee Court	— 1	— 2	57.8	+11.0	89.7	115
Comilla	— 0	+ 1	28.0	+ 8.5	54.0	94
Brahmanbaria	—	—	26.6	— 1.0	52.6	76
Sylhet	—	—	89.0	—	126.4	—
Srimangal	— 3	+ 1	38.9	+ 5.9	72.7	98
Mymensingh	— 2	+ 1	29.5	— 5.4	60.7	91
Narayanganj	+ 1	0	27.8	+ 1.2	48.8	74
Dacca (Tezgaon)	—	—	28.6	—	45.1	—
Faridpur	+ 1	— 3	26.2	— 0.7	54.4	71
Barisal	0	— 1	48.5	+15.5	41.6	81
Khulna	0	— 2	39.0	+10.9	59.9	68
Satkhira	— 2	0	27.6	+ 0.8	46.0	65
Jessore	—	—	21.4	— 4.2	37.3	65
Sirajganj	— 3	— 1	20.1	— 5.2	46.1	64
Bogra	— 2	0	17.7	— 9.5	36.7	69
Dinajpur	— 1	+ 1	21.6	— 8.9	38.0	72
Rangpur	0	— 1	31.4	+ 0.4	53.3	84
Jammu						—
Lahore (Jail Rd.)	— 6	0	9.7	+ 2.1	13.6	19
Sialkot	— 6	0	32.5	+21.0	38.4	32
Jhelum	—	—	28.2	—	30.5	—
Rawalpindi	— 6	— 1	18.2	+ 7.1	31.3	36
Khushab	— 9	— 4	10.9	— 5.2	16.4	15
Lyallpur	— 8	0	6.5	+ 2.1	9.2	12
Montgomery	— 4	0	1.2	— 2.5	3.5	10
Multan	— 4	— 8	4.1	+ 1.3	6.2	7
Leiah		—	2.9	—	4.8	8
Khanpur	0	0	0.3	— 2.6	1.2	6
Bahawalpur						6
Fort Abbas	—	—	3.3	—	3.7	4
Chakdara	—	—	7.3	—	17.9	—
Peshawar	— 7	+ 2	2.2	+ 0.4	15.2	14
Haripur	—	—	9.6	—	20.5	
Campbellpur	—	—	11.8	—	25.7	—
Bannu	—	—	9.5	—	16.4	11
D. I. Khan	— 8	— 6	9.8	+ 6.7	13.5	10
Sibi	—	—	2.3	—	2.5	5
Nokkundi	—	—	0	—	1.1	4
Turbat	—	—	2.1	—	6.6	—
Jiwani	—	—	0.1	—	5.7	4
Pasni	+ 2	+ 4	0	— 0.8	2.5	6
Ormara	—	—	0.1	— 0.6	2.0	6
Las Bela						8
Karachi (Manora)	+ 2	+ 3	6.5	+ 2.3	6.5	8
Karachi (Air Port)	—	—	9.3	—	9.6	—
Badin	— 7	0	4.6	+ 0.6	4.6	9
Nagarparker	—	—	7.7	—	7.7	
Umarkot	—	—	10.4		11.0	—
Hyderabad	— 4	+ 1	6.4	+ 2.8	7.1	7
Pad-i-dan	—	—	4.7	—	4.9	—
Nawabshah	—	—	3.0	—	3.7	—
Sukkur	—	—	1.1	—	2.1	4
Kashmore	—	—	0	—	0.1	—
Jacobabad	— 4	+ 1	3.7	+ 2.3	5.4	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
HILL STATIONS						
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						26
Leh						
Skardu						6
Misgar	—	—	—	—	—	—
Aliabad						
Gilgit						5
Murree	—	+ 2	27.6	+10.0	52.9	59
Drosh	+ 6	— 5	1.2	—	30.4	18
Cherat	— 7	— 1	4.7	— 0.6	14.7	29
Kakul	—	—	10.5	—	21.4	—
Landi Kotal	—	—	2.5	—	17.5	
Parachinar	—	—	9.7	—	23.7	29
Miranshah	—	—	2.6	— 0.1	5.6	13
Wana		—				
Fort Sandeman	+ 4	+ 2	3.1	+ 0.1	11.8	11
Hindubagh	—	—	1.7	—	9.8	-
Loralai	—		—			—
Harnai	—	—	5.0	+ 0.7	8.4	14
Quetta	—		2.8	— 2.1	8.4	8
Chaman	+ 5	+ 3	0.1	+ 0.1	6.2	7
Kalat	— 1	+ 2	4.9	+ 4.1	10.3	
Nushki	—	—	0.4	—	2.2	—
Dalbandin	+ 3	— 1	0.3	+ 0.1	2.3	5
Panjgur	+ 2	— 1	1.2	—	2.9	4
Kabul	—	—	—	—	—	12
Kandahar						—

† Given in Code.

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

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

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the [illegible] day

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 3rd AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_hL_tL_t$	$L_oL_oL_o$ GG	N dd ff	VV w_w W	PPP TT	$N_hC_hh_hC_MC_H$	D_iV_i a PP	8 N, C_h, h_s	O $T_xT_xT_dT_d$	$Id_wd_wPH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Chambord	13 252	576 00	0 16 05	98 02 0	950 84	90 9 00	35 71 0	...	0 56 81	1 18 x0
Chambord	13 246	580 03	5 09 09	98 02 1	960 98	51 4 41	35 21 0	...	0 01 82	0 98 x1
Chambord	13 241	584 06	1 10 06	97 01 1	955 92	10 8 48	35 70 5	...	0 03 82	1 10 21
Sanchia	13 212	696 06	9 24 15	98 80 2	908 81	88 1 01	75 20 5	...	0 09 79	1 24 33
Chambord	13 231	594 12	3 10 10	98 03 0	930 93	00 9 02	35 81 5	...	0 06 82	1 10 22
Chambord	13 222	600 18	0 22 17	98 01 0	965 75	00 9 00	44 21 6	...	0 03 72	1 22 33

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T^{c}T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT T^{d}T^{d}T^d								HHHTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra ...														
Chittagong ...														
Dacca ...														
Jiwani ...														
Karachi ...	00 00	993 278 252	539 xxx xxx	...	370 245 995	...	042 185 995	339 088 998	813 538 998	548 625 995	969 758	249 980	433 135	...
Lahore ...	00 00	971 260 250	503 002 545	...	360 180 990	...	993 085 995	247 010 990	683 595 995		...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...	00 00	821 205 158	...	...	...	...	078 185 085	383 120 990	887 030 990	658 565 995	999 655	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT T^{d}T^{d}T^d								Max. Height Reached PPPTTT T$_d$T$_d$T^d	TROPOPAUSE SI. HHHH TT	SI.HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ...													
Chittagong ...													
Dacca ...													
Jiwani ...													
Karachi ...	00 00	025 028 818	023 038 015	048 000 910	085 005 918	...	...	...	...	...	085 005 918	...	...
Lahore ...	00 00	900 200 990	800 170 990		...	...	...	...	...	...	800 170 990	...	...
Multan ...													
Peshawar ...													
Quetta ...	00 00	800 232 152	...	...	...	...	...	...	...	...	800 232 152	...	...

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

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

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bagra ...	16 06	18 04	19 09							09 13	09 18					12 14										
Chaklala ...		13 08	13 06	10 05	27 04	32 11	34 14	01 22	35 22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	21 22	21 25								22 16	23 23					No	Ascent									
Chittagong ...	No	Ascent	...	...	...	...	...	...	...	21 21		...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Dacca ...	17 11	18 10	18 10	...	...	...	...	...	...	20 14	21 18	...	...	...	...	15 12	15 11	16 13	16 12	17 17	17 13	15 17	13 10	14 14	...	...
Dalbandin ...	-	...	24 07	24 07	26 05	20 05	12 05	34 03	04 06	...	...	13 04	22 03	22 08	19 10	...	...	25 02	23 05	19 03	20 05	18 10	19 12	19 08	10 10	13 07
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	24 01	21 02	20 04	...	...	...	...	23 13	22 21	27 06	27 05	20 21	19 42	...
Drosh ...	...	...	...	24 19	25 12	29 08	22 17	22 22	...	...	...	...	04 02	21 05	31 25	...	...	24 04	15 03	31 19	27 11	31 12	34 12	31 16	25 22	
Fort Sandeman ...	...	...	25 06	25 05	14 01	33 19	35 16	36 11		...	...	...	24 05	29 09	34 24	15 06	18 03	21 03	31 10	35 09	...	...	...	...	...	...
Jacobabad ...	15 07	13 06	15 05	25 03	35 06	29 06	29 09	35 12	04 11	18 08	17 03	23 02	24 05	29 09	34 24	22 10										
Jiwani ...	No	Ascent								24 18	25 14					15 04	16 04	18 04								
Jhelum ...	16 02	16 04	15 05	30 07	32 13	33 12	36 13	...	...	12 07	12 07	14 03	20 04	35 03	...	13 10	17 06	21 09	26 09	31 03	...	...	...	...	...	...
Kakul ...	21 06	22 09	19 10	...	...	...	...	...	...	11 07	24 05	25 07	25 15	31 12	35 14	25 10	27 12									
Karachi ...	25 15			...	...	...	...	...	...	25 19	25 18	27 17	...	...	...	20 12	19 13	19 09	16 06	12 05	03 08	34 14	28 14	27 19	...	...
Khanpur ...	14 05	15 06	16 05	21 05	...	...	...	...	...	20 14	21 16	22 12	26 06	...	...	17 04	21 08	28 08	31 07	31 10	31 11	34 17	34 19	03 17	11 15	...
Lahore ...	07 01	10 02	20 04	26 09	30 08	30 12	32 10			11 07	24 06	25 09	31 11	32 13		21 06	21 09	20 10	21 08	18 04	33 09	...	...	...	...	...
Multan ...	05 02	15 04	17 06	18 04	26 06	33 12	33 15	35 14	34 13	21 12	22 18	19 13	25 05	30 06	28 08											
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...											
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	01 03	36 01	27 01	26 02	26 09	29 17	30 20	29 13	30 15	...
Peshawar ...	...	05 08	09 05	18 11	34 08	29 10	36 15	34 21	33 18	...	33 06	33 05	08 02	...	...	...			27 02	30 10	31 09	...	...	...	...	...
Quetta ...	...	...	...	...	31 04	27 03	03 06	28 06	22 15	...	...	...	...	19 06	29 13	...	...	...	...	...	...	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	14 09	17 11	17 15	17 17	14 15	...	...	...	...	14 13	...	...	...	...	...	14 11	14 14	16 17	17 17	14 15	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																	...	...
Dacca ...	25 19	26 19	28 18	29 17	30 15	30 07	15 02	03 04	36 04	13 09	08 13	10 17	11 20	12 32	12 37	12 38	...	...
Karachi ...																		
Peshawar ...																		
Quetta ...																		

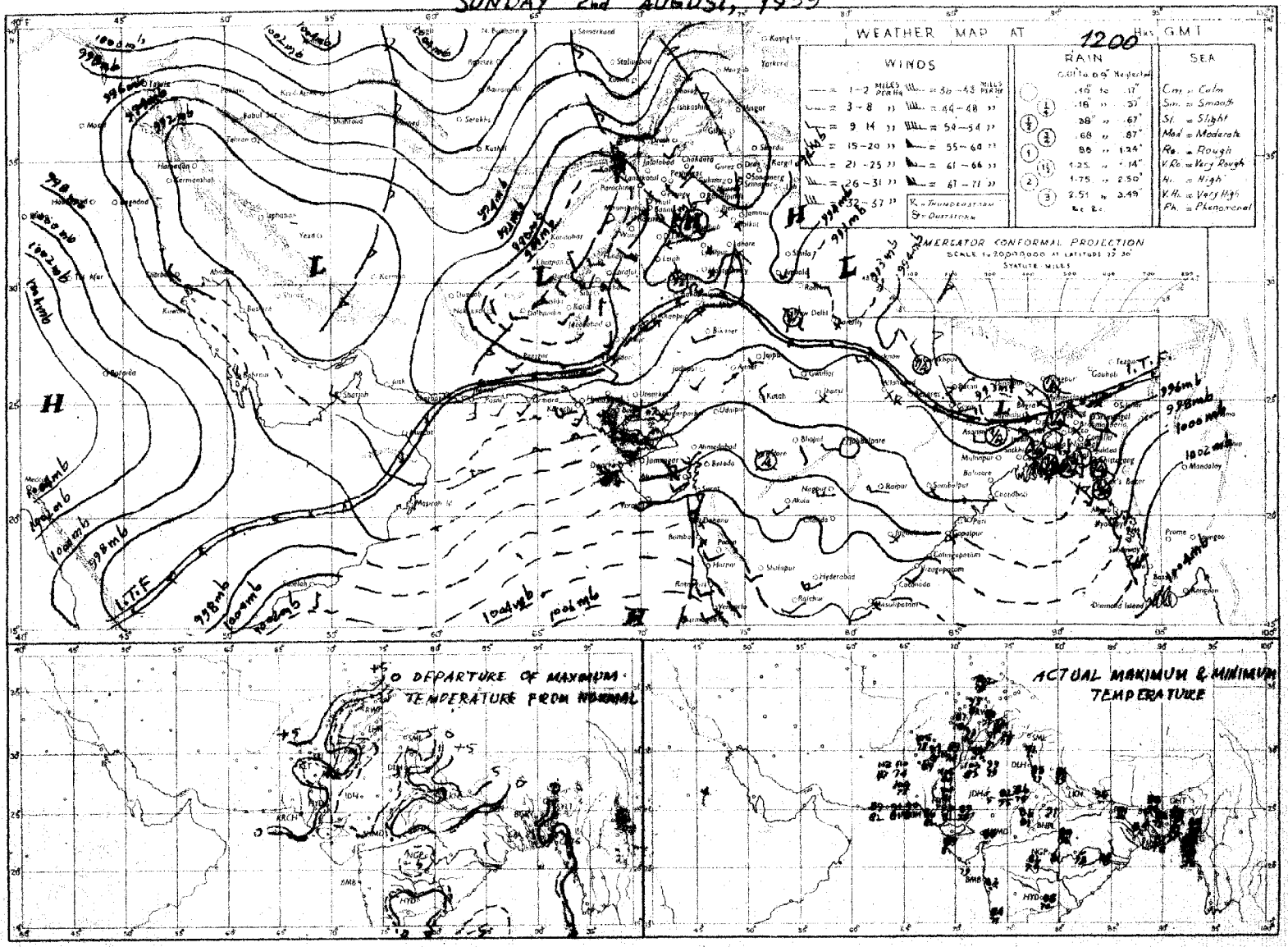
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv, 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 2nd AUGUST, 1959



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

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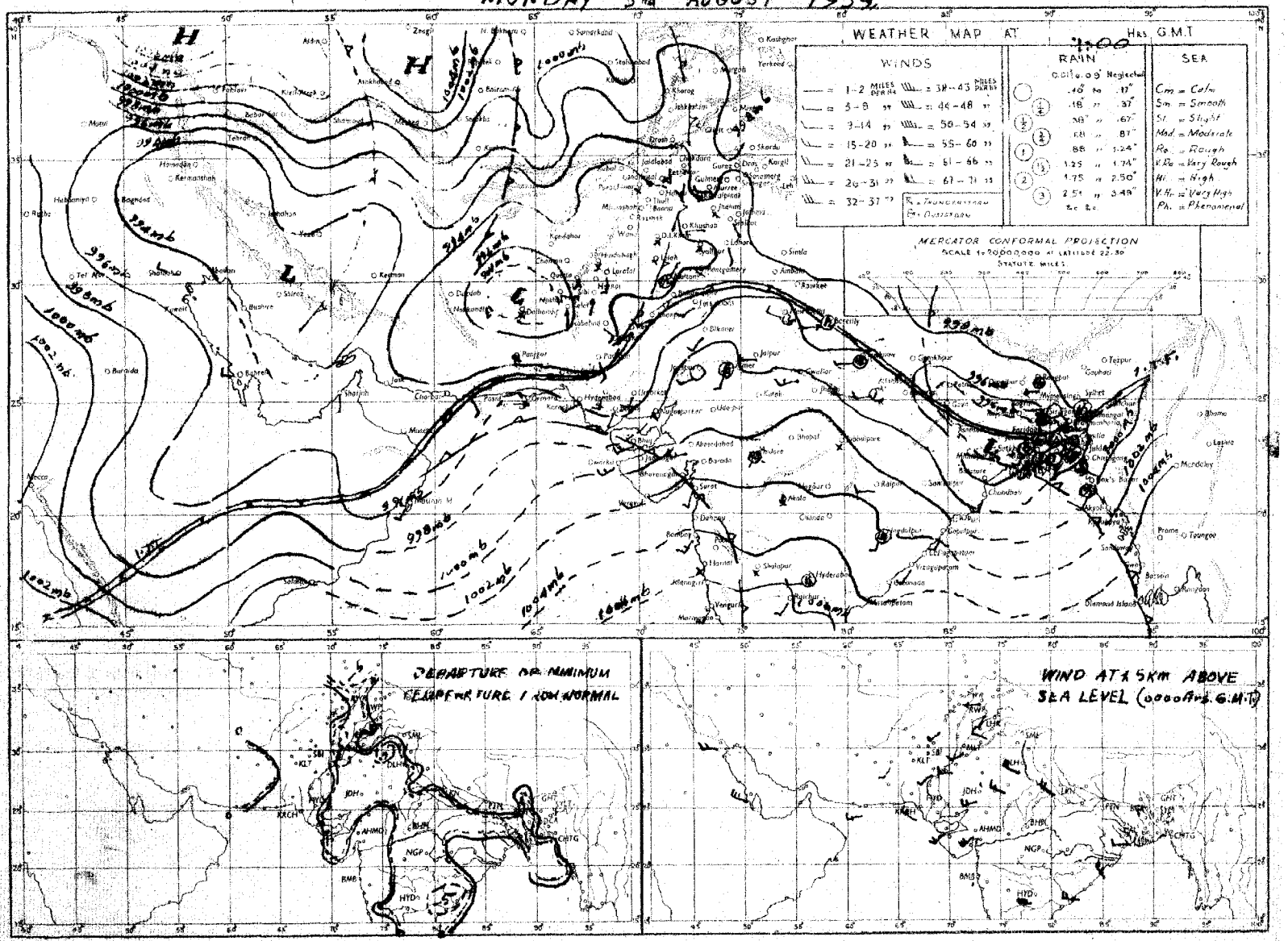
PAKISTAN DAILY WEATHER MAP

MONDAY 3rd AUGUST 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

TUESDAY THE 4th AUGUST 1959.

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

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

The other low pressure wave is moving across east Russian Turkistan with its trough extending to Peshawar division.

They have caused local thunderstorms/showers in Lahore and Rawalpindi divisions and scattered in Peshawar division.

The well marked low persists over West Bengal and adjoining areas.

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

Chief amounts of rainfall are: Barisal 4", Cox's Bazar 3", Mymensingh and Jhelum 2" each, Dacca and Sirajganj 1½" each, Campbellpur 1", Narayanganj and Sialkot 3/4" each, Chittagong and Rawalpindi ½" each and Maijdee Court, Comilla Sylhet, Jessore, Rajshahi and Chakdara ½" each.

Day temperatures were 3—6 °F below normal in Hyderabad and Khairpur divisions and 5—6 °F above normal in Quetta division.

Forecast valid until the evening of 5th August 1959. Fairly widespread rain/thundershowers will occur in Chittagong and Dacca divisions, local in Rajshahi, Rawalpindi, Peshawar divisions and Kashmir and scattered in Lahore and D. I. Khan divisions.

Heavy Rainfall Warning:— Locally moderate to heavy falls of rain are likely to occur in Chittagong and Dacca divisions during the next 24 hours.

Karachi-11
The 4th August 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	659	9	8	20	03	95	60	6	980	78	7	4	4	2	x	78	81
	Chittagong	016	9	8	16	05	95	60	6	971	78	8	4	3	x	x	77	87
	Maijdee Court	000	9	6	18	09	97	50	0	957	64	4	4	7	2	0	80	86
	Comilla	000	0	8	00	00	96	02	5	968	82	8	4	5	x	x	78	85
	Brahmanbaria	002	0	5	13	02	97	21	1	952	83	3	5	5	0	7	79	88
	Sylhet	018	6	8	09	02	96	03	6	956	84	4	4	6	2	x	80	87
	Srimangal	002	6	6	00	00	96	03	6	959	83	5	2	4	0	2	78	87
Dacca	Mymensingh	057	3	8	00	00	95	61	6	948	81	8	6	3	x	x	80	85
	Narayanganj	014	6	8	18	02	96	03	6	942	84	8	4	6	x	x	80	90
	Dacca (Tezgaon)	011	9	7	18	05	98	02	6	939	83	3	3	5	4	3	77	xx
	Faridpur	015	6	8	16	02	96	02	6	941	82	8	4	6	x	x	79	88
	Barisal	036	4	6	00	00	99	03	6	946	85	6	7	6	0	0	81	88
Rajshahi	Khulna	000	0	6	18	05	96	01	2	944	84	6	5	6	0	0	78	90
	Satkhira	000	0	8	18	01	94	50	2	952	81	x	x	x	x	x	77	85
	Jessore	021	6	2	18	02	96	02	6	946	83	2	2	6	0	0	80	85
	Sirajganj	154	9	8	18	03	97	51	5	923	81	8	7	5	x	x	80	85
	Bogra	005	6	5	13	02	96	03	6	935	85	2	5	5	2	8	79	87
	Dinajpur	000	8	6	00	00	96	02	2	935	87	6	0	9	2	0	79	90
	Rangpur	000	0	4	09	02	96	21	2	xxx	85	4	5	6	0	0	80	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	4	23	02	96	03	0	922	95	1	1	7	0	6	80	96
	Sialkot	000	0	2	00	00	97	02	0	918	95	2	2	6	0	0	81	95
Rawalpindi	Jhelum	000	8	3	00	00	97	02	1	910	95	3	1	7	0	0	81	96
	Rawalpindi	000	0	2	00	00	99	01	1	915	93	2	1	8	0	0	75	94
	Khushab	000	0	2	09	02	96	05	1	893	98	2	3	6	0	0	79	99
Multan	Lyallpur	000	0	6	16	02	96	02	0	808	97	6	0	9	5	0	77	98
	Montgomery	000	0	0	00	00	96	00	0	921	99	0	0	9	0	0	75	00
	Multan	000	0	2	31	02	97	02	0	910	00	2	1	6	0	0	80	01
Bahawalpur	Leiah	000	0	5	05	02	97	03	1	898	98	4	2	8	1	0	84	09
	Khanpur	000	0	1	16	02	96	03	0	919	83	0	0	9	0	1	84	04
	Bahawalpur																	
	Fort Abbas	000	0	0	23	08	98	00	0	922	97	0	0	9	0	0	51	05
Peshawar	Chakdara	000	0	3	00	00	98	01	1	900	91	3	0	8	7	0	88	93
	Peshawar	000	0	3	05	09	99	05	1	893	98	3	3	6	0		77	99
	Haripur	000	3	3	23	03	97	02	1	901	89	3	5	6	0	0	84	93
	Campbellpur	000	0	0	13	03	98	00	0	921	96	0	0	9	0	0	81	96
D. I. Khan	Bannu	000	0	3	13	02	99	03	0	897	00	3	0	9	7	(	73	98
	D. I. Khan	000	0	0	00	00	98	00	0	897	97	0	0	9	0	0	81	99
Quetta	Sibi	000	9	4	18	02	98	03	1	906	03	4	2	7	0	0	77	04
Kalat	Nokkundi	000	0	0	34	02	98	02	0	857	12	0	0	9	0	0	xx	13
	Turbat	000	0	0	31	02	96	00	0	939	05	0	0	9	0	0	80	06
	Jiwani	000	0	3	13	11	96	01	2	938	87	3	5	5	0	0	77	89
	Pasni	000	0	6	16	12	97	02	1	947	90	6	5	7	0	0	52	91
	Ormara	000	0	4	23	07	98	02	1	946	89	4	0	9	2	(	76	94
	Las Bela	000	0	3	00	00	98	20	1	945	98	2	0	8	4	6	76	01
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	25	14	96	03	1	957	85	7	0	9	1	0	78	86
	Karachi (Air-Port)	000	9	8	23	12	96	02	5	957	84	6	5	5	2	x	76	85
	Badin	000	9	8	23	02	95	03	2	927	86	8	8	7	x	x	79	86
	Nagarparkar	000	0	4	27	02	95	02	1	965	89	4	6	7	0	0	56	91
	Umarkot	000	0	8	20	10	98	02	2	945	85	8	5	6	x	x	76	87
	Hyderabad	000	0	8	23	09	97	03	2	948	87	4	5	6	2	x	77	91
Khairpur	Pad-i-dan	000	0	1	00	00	97	01	0	912	03	1	1	6	0	0	75	04
	Nawabshah	000	0	0	18	07	96	02	0	927	99	0	0	9	0	0	80	00
	Sukkur	000	6	0	00	00	96	00	0	912	03	0	0	9	0	0	83	05
	Kashmore	000	0	0	18	09	99	10	0	xxx	10	0	0	9	0	0	90	xx
	Jacobabad	000	0	0	18	05	96	02	0	910	02	0	0	9	0	0	79	12
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	5	7	29	05	98	02	4	384	70	5	3	3	8	0	66	74
Peshawar	Drosh	000	3	6	23	14	96	03	5	329	93	4	8	6	2	0	55	98
	Cherat	000	0	1	23	03	98	01	4	371	83	1	5	6	0	0	78	83
	Kakul	000	8	3	20	07	99	02	1	377	87	3	2	7	0	0	69	84
	Landi Kotal	000	0	2	05	02	99	03	0	365	89	2	2	7	0	0	71	91
D.I. Khan	Parachinar	000	2	5	13	02	99	03	0	794	83	5	0	9	1	0	65	xx
	Miranshah	000	0	4	05	05	99	02	0	372	92	4	2	7	0	0	72	94
	Wana	000	0	3	11	03	98	01	2	377	88	3	0	9	2	0	69	91
	Fort Sandeman	0K0	0	4	23	03	98	03	0	369	00	4	1	6	0	0	61	00
Quetta	Hindubagh	000	0	0	29	02	98	00	0	331	98	0	0	9	0	0	51	98
	Loralai	000	0	0	23	04	98	00	0	502	88	0	0	9	0	0	71	90
	Harnai	000	0	2	09	02	98	02	1	xxx	xx	x	x	x	x	x	xx	xx
	Quetta	000	0	3	27	02	97	02	0	324	95	3	0	8	8	0	65	98
	Chaman	000	0	0	27	03	98	00	0	357	04	0	0	9	0	0	22	05
Kalat	Kalat	000	0	4	29	02	97	01	2	367	89	4	1	7	0	0	50	94
	Nushki	080	0	0	23	05	98	02	0	401	08	0	0	9	0	0	77	10
	Dalbandin	000	0	0	27	03	96	02	0	370	10	0	0	9	0	0	41	11
	Panjgur	000	0	0	23	03	98	00	0	404	08	0	0	9	0	0	22	18
Afghanistan	Kabul	000	0	0	27	02	99	00	0	472	56	0	0	9	0	0	67	96
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	327	9	8	16	07	95	61	6	007	78	7	4	4	2	x	78	75
Chittagong	067	9	6	16	05	97	03	6	995	[illegible]	6	4	4	0	0	76	76
Maijdee Court	030	4	8	18	09	97	02	6	993	82	4	5	6	2	1	77	77
Comilla	030	5	8	00	00	97	02	6	992	83	8	4	5	x	x	79	77
Brahmanbaria	002	0	5	13	07	97	03	5	992	85	4	4	5	0	8	76	79
Sylhet	018	0	6	05	05	97	03	2	989	87	1	4	6	7	1	79	79
Srimangal	002	0	3	13	02	96	03	2	993	85	3	4	6	0	0	76	76
Mymensingh	214	9	8	13	02	98	02	6	987	81	8	4	6	x	x	77	78
Narayanganj	083	9	8	36	07	96	03	6	982	84	8	/	4	x	x	79	79
Dacca (Tezgaon)	155	9	8	13	09	97	02	6	978	82	7	.	4	2	x	8	78
Faridpur	015	9	6	16	02	97	03	0	968	85	6	5	7	.	0	79	77
Barisal	345	4	8	18	02	97	61	6	988	80	8	7	7	x	x	77	78
Khulna	000	0	8	18	03	96	03	2	980	83	8	5	6	x	x	78	79
Satkhira	000	0	6	00	00	95	03	2	973	84	6	6	8	0	0	78	78
Jessore	027	0	6	13	05	97	03	6	982	83	6	4	5	0	0	80	78
Sirajganj	154	9	8	09	05	98	01	6	962	84	8	2	5	x	x	78	79
Bogra	005	0	8	13	05	96	02	2	971	83	6	6	4	2	x	79	80
Dinajpur	000	3	4	09	02	96	02	2	972	85	4	0	9	2	0	78	80
Rangpur	000	0	3	09	09	96	01	2	xxx	84	3	5	6	0	0	76	80
Jammu																	
Lahore (Jail Rd.)	000	0	3	00	00	96	01	1	958	85	3	2	7	3	0	77	83
Sialkot	077	1	8	00	00	97	20	6	949	76	8	7	6	x	x	75	75
Jhelum	186	2	7	13	05	97	20	9	946	86	3	7	6	2	0	74	73
Rawalpindi	045	5	6	00	00	97	03	9	959	78	2	2	8	9	0	74	74
Khushab	000	0	4	09	02	99	01	1	945	84	4	3	6	0	0	71	79
Lyallpur	000	0	7	20	02	96	03	0	941	87	7	7	8	0	0	77	84
Montgomery	000	0	0	00	00	96	00	0	959	85	0	0	9	0	0	76	84
Multan	000	0	6	08	03	97	03	0	941	86	2	5	6	3	2	77	84
Leiah	000	0	0	18	12	96	00	0	941	83	0	0	9	0	0	79	77
Khanpur	000	0	0	20	07	96	02	0	944	85	0	0	9	0	0	80	82
Bahawalpur																	
Fort Abbas	000	0	0	20	03	98	00	0	956	85	0	0	9	0	0	78	81
Chakdara	025	3	6	00	00	98	50	9	947	81	6	0	8	6	0	75	73
Peshawar	000	0	7	31	03	97	02	0	942	83	3	8	6	7	0	76	81
Haripur	000	4	7	23	02	96	03	1	947	79	7	5	6	0	0	78	76
Campbellpur	120	4	8	25	05	97	29	9	944	76	8	7	3	x	x	75	73
Bannu	000	2	8	00	00	98	03	1	923	88	8	0	9	9	x	81	84
D. I. Khan	000	2	.	09	02	98	01	f	926	87	4	0	9	4	0	80	84
Sibi	000	2	4	13	02	98	03	1	936	89	0	0	9	0	5	78	78
Nokkundi	000	0	0	29	02	97	02	0	923	91	0	0	9	0	0	25	84
Turbat	000	0	3	23	02	95	03	0	964	85	3	0	9	6	0	76	xx
Jiwani	000	0	0	09	05	96	02	1	964	81	0	0	9	0	0	75	80
Pasni	000	0	7	00	00	97	02	0	966	85	7	5	7	0	0	79	82
Ormara	000	0	5	00	00	xx	02	1	966	86	5	2	6	0	0	78	82
Las Bela	000	0	0	00	00	98	00	0	954	86	0	0	9	0	0	76	83
Karachi (Manora)	000	0	7	25	12	96	03	2	968	83	7	6	4	0	0	77	81
Karachi (Air-Port)	000	0	7	23	07	96	01	2	967	84	7	5	5	0	0	75	82
Badin	000	0	8	23	02	95	03	2	971	81	8	9	7	x	x	77	80
Nagarparkar	000	0	8	23	02	95	02	3	974	76	8	7	7	x	x	65	75
Umarkot	000	0	8	18	09	98	50	2	960	80	8	6	5	x	x	76	79
Hyderabad	000	0	6	23	12	97	01	2	954	83	4	5	6	2	0	75	82
Pad-i-dan	000	0	0	13	07	97	02	0	936	84	0	0	9	0	0	77	81
Nawabshah	000	0	0	18	05	96	02	0	943	85	0	0	9	0	0	79	81
Sukkur	000	0	0	20	03	96	00	0	929	83	0	0	9	0	0	77	81
Kashmore																	
Jacobabad	000	0	0	13	10	96	02	0	940	86	0	0	9	0	0	78	84
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	000	9	7	31	03	97	03	1	404	68	2	5	2	0	8	63	61
Drosh	000	9	1	00*	00	98	01	2	383	84	1	2	6	0	0	61	77
Cherat	000	0	6	23	03	95	46	2	387	72	3	3	6	2	7	72	70
Kakul	000	9	6	18	02	97	03	1	393	78	x	x	x	x	x	70	73
Landi Kotal	000	0	2	05	02	98	01	1	381	81	2	1	7	0	0	72	xx
Parachinar	000	0	0	00	00	99	00	0	794	72	0	0	9	0	0	59	xx
Miranshah	000	0	0	00	00	99	00	0	385	85	0	0	9	0	0	77	79
Wana	000	0	6	00	00	98	02	6	372	81	0	0	9	0	6	69	76
Fort Sandeman	000	0	2	13	02	98	01	0	397	83	2	1	3	0	2	70	77
Hindubagh	000	0	0	25	03	98	00	0	365	85	0	0	9	0	0	59	84
Loralai	000	0	0	00	00	98	00	0	473	73	0	0	9	0	0	69	66
Harnai	000	0	0	27	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	000	0	0	00	00	94	00	0	378	82	0	0	9	0	0	61	65
Chaman	000	0	0	18	03	98	02	0	396	86	0	0	9	0	0	45	75
Kalat	000	0	0	16	05	97	02	0	405	76	0	0	9	0	0	61	64
Nushki	000	0	0	18	05	98	02	0	421	92	0	0	9	0	0	78	85
Dalbandin	000	2	1	00	00	95	05	0	375	86	0	0	9	0	0	48	78
Panjgur	000	0	0	00	00	98	00	0	406	78	0	0	9	0	0	66	76
Kabul	900	0	0	32	00	99	00	0	436	76	0	0	9	0	0	56	82
Kandahar																	

Departure from Normal of / Rainfall

Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	−4	−1	74.5	+4.5	90.4	
Chittagong	−1	0	59.0	+12.0	91.1	
Maijdee Court	0	−	58.1	+10.5	90.0	
Comilla	−2	0	28.3	−8.7	54.3	
Brahmanbaria	−	−	36.6	−1.5	52.6	
Sylhet	−	−	89.2	−	126.6	
Srimangal	−4	0	38.9	+4.4	72.8	
Mymensingh	−3	0	31.7	−3.7	62.8	
Narayanganj	+2	0	28.7	+1.7	49.6	
Dacca (Tezgaon)	−		30.1	−	46.7	
Faridpur	+1	−2	26.4	−1.0	54.6	
Barisal	+1	0	51.9	+18.4	65.0	
Khulna	+3	+1	39.0	+10.5	59.9	
Satkhira	−3	0	27.6	+0.5	48.0	
Jessore	−	−	21.7	−4.3	37.6	
Sirajganj	−2	0	21.6	−4.0	47.7	
Bogra	−1	+1	17.7	−9.9	36.8	
Dinajpur	+1	+1	21.6	−9.4	38.0	
Rangpur	+1	+1	31.4	−4.0	53.3	
Jammu						
Lahore (Jail Rd.)	−2	+5	9.7	+2.0	13.6	
Sialkot	−1	−4	33.3	+21.5	39.2	
Jhelum	−	−	30.1	−	32.3	
Rawalpindi	−1	−2	18.7	+7.2	31.7	
Khushab	−2	−3	10.9	+5.1	16.4	
Lyallpur	−1	+3	6.5	+2.1	9.2	
Montgomery	−2	+1	1.2	−2.6	3.5	
Multan	+1	0	4.1	+1.3	6.2	
Leiah	−	−	2.9	−	4.8	
Khanpur	+1	0	0.3	−2.7	1.2	
Bahawalpur						
Fort Abbas	−	−	3.3	−	3.7	
Chakdara	−	−	7.6	−	18.2	
Peshawar	−1	+2	2.2	+0.3	15.2	
Haripur	−	−	9.6	−	20.5	
Campbellpur	−	−	13.0	−	16.9	
Bannu	−	−	9.5	−	16.4	
D. I. Khan	−2	+2	9.8	+6.7	13.5	
Sibi	−	−	2.3	−	2.6	
Nokkundi	−	−	0	−	1.1	
Turbat	−	−	2.1	−	6.6	
Jiwani	−	−	0.1	−	5.7	
Pasni	+2	+5	0	−0.8	2.0	
Ormara	−	−	0.1	−0.6	0.3	
Las Bela	−	−	0.1	−		
Karachi (Manora)	+1	+2	6.5	+2.3	6.5	
Karachi (Air-Port)	−	−	9.3	−	9.6	
Badin	−6	0	4.6	+0.5	4.6	
Nagarparkar	−	−	7.7	−	2.7	
Umarkot	−	−	10.4	−	11.1	
Hyderabad	−6	+2	6.4	+2.7	7.1	
Pad-i-dan	−	−	4.7	−	4.9	
Nawabshah	−	−	3.0	−	3.7	
Sukkur	−	−	1.1	−	3.1	
Kashmore						
Jacobabad	−3	+1	3.7	+2.3	8.4	
Veraval						
Jalalabad						
Muscat						
Kuwait						
HILL STATIONS						
Srinagar						
Gulmarg						
Sonamarg						
Dras						
Leh						
Skardu						
Misgar						
Aliabad						
Gilgit						
Murree	+2	+3	27.6	+9.6	52.9	
Drosh	+2	+4	1.2	−	30.4	
Cherat	−4	−1	4.7	−0.8	14.7	
Kakul	−	−	10.5	−	21.4	
Landi Kotal	−	−	2.5	−	17.5	
Parachinar	−	−	9.7	−	23.7	
Miranshah	−	−	2.6	−0.2	5.6	
Wana	−	−	3.6	−	12.6	
Fort Sandeman	+6	+3	3.1	+0.1	11.8	
Hindubagh	−	−	1.7	−	9.8	
Loralai	−	−	5.8	−	11.6	
Harnai	−	−	5.0	+0.6	8.4	
Quetta	−	−	2.8	−2.1	8.4	
Chaman	+5	−1	0.1	+0.1	6.2	
Kalat	+4	+3	4.9	+4.1	40.3	
Nushki	−	−	0.4	−	2.2	
Dalbandin	+3	+3	0.3	+0.1	2.3	
Panjgur	0	0	1.2	−	2.9	
Kabul	−	−	−	−	−	
Kandahar						

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 4th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhCLhCMCH	DsVs a PP	8 Ns Ch hs	O TsTsTdTd	IdwdwPwHw
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Chambord	23 211	597 00	0 20 20	98 02 0	960 73	00 9 00	44 40 0	...	0 51 68	1 20 34
Chambord	23 206	595 03	3 21 18	97 02 0	969 72	00 9 07	44 30 9	...	0 52 70	1 21 x3
Chambord	23 201	592 06	3 23 24	97 02 0	975 75	20 8 33	54 20 6	...	0 06 70	1 23 34
Chambord	23 196	591 09	1 23 32	97 03 0	975 75	11 4 00	54 40 0	...	0 07 70	1 23 45
World Heath	23 246	586 12	1 09 10	97 02 0	970 88	11 7 00	34 7x x	...	0 51 82	1 10 x1
Chambord	23 192	587 12	0 23 35	97 01 0	960 75	00 9 00	54 71 5	...	0 08 70	1 23 46
Chambord	23 184	582 18	0 22 40	98 02 0	995 75	00 9 00	54 xx x	...	0 03 73	1 22 57

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	...	Misda	..	...	...	...	...	...	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	994 278 252	...	...	390 262 999	...	097 180 999	395 082 999	872 535 999	607 600	976 758	257 868	492 118	475 262
Lahore ...	00 00	970 292 255	...		358 238 202	...	042 152 102	326 075 999	805 000 999	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	952 288 272		...	388 230 230	...	014 125 125	296 065 025	763 545 999	497 510 999	645 730	500 915	419 000	
Quetta ...	01 00	821 212 122	Misda		...	..	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St.HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	...	...	..	...	...	...	...	...	...	...	...
Jiwani ...													
Karachi ...	00 00				..	...	...	..	...	...	100 262 999	...	...
Lahore ...	00 00	900 258 228	800 222 165	485 520 999	...	...	...	...	..	..	485 520 999	...	...
Multan ...													
Peshawar ...	00 00	900 242 242	800 198 198	350 672 999	250 815 999	136 012 999	...	..	...	...	136 012 999	..	...
Quetta ...	01 00	..	...	...	...	...	...	...	...	..	..	..	...

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	14 15	15 15	13 20	15 21	16 19	13 19	...	...	...
Chaklala ...	...	...	...	...		...		...	...
Chhor ...	20 21	21 17	...	...	...	...		...	...
Chittagong ...	17 21	18 27	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent							
Dacca ...	18 12	18 15	18 16	19 15	19 17	17 18	15 19	12 13	11 25
Dalbandin ...	...	...	23 03	23 06	22 07	18 07	14 03	17 07	12 05
D. I. Khan ...	...	...	...				...	...	...
Drosh ...	...	...	...		22 12	21 15		...	
Fort Sandeman ...	...		...	20 03	28 04	19 03	36 11	28 17	
Jacobabad ...	16 06	19 06	20 04	25 03	33 08	29 07	33 10	19 08	05 10
Jessore ...	18 16	19 18							
Jhelum ...	21 06	20 09	20 07	28 06	20 10	32 10	31 23	31 26	32 21
Jiwani ...	13 10	20 04	24 06	27 08	25 06	29 06	01 14	36 14	01 16
Karachi ...	33 10	24 15							
Khanpur ...	18 05	18 04	18 04	31 02	30 12	05 12	11 12	33 12	32 18
Lahore ...	26 03	25 04	24 06	29 09	30 17	33 24	33 27	32 14	31 12
Multan ...	20 08	17 10	18 09	20 18	26 04	34 28	33 20	...	...
Muscat ...	...							...	
Panjgur ...	...	...	...	...		...	...	...	...
Peshawar ...	...	05 07	10 06	16 07	23 09	28 13	31 21	31 22	31 24
Quetta ...	...	...	..	...	30 05	26 05	29 04	29 06	31 13
Sharjah ...	...			...	...	...	..	...	...
Sylhet ...	13 08	17 13	17 21	17 23	18 24	...	...	...	...
Veraval ...	...	...	...		...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	12 15	.	...	...	...	
Chaklala ...			...		...	
Chhor ...	22 18	24 24	...		...	
Chittagong ...	16 17	16 17	17 13	...		...
Cox's Bazar ...	No	Ascent	...	...		...
Dacca ...	12 09	14 08		...		...
Dalbandin ...	...	...	28 07	22 09	27 10	33 09
D. I. Khan ...	...	...	...			
Drosh ...	.	...	...	23 01	23 04	22 07
Fort Sandeman ...		...		33 02	24 06	31 37
Jacobabad ...	19 11	23 10	25 04	27 08	29 19	20 14
Jessore ...	16 07	18 07	14 09	15 09	15 10	...
Jhelum ...	No	Ascent	...			...
Jiwani ...	07 07	07 06		...	.	...
Karachi ...	27 20	27 17			...	...
Khanpur ...	22 22	22 30	22 32	...		
Lahore ...	25 10	26 17	27 13	29 07	31 07	33 14
Multan ...	19 17	21 17	22 15	18 07	21 10	31 21
Muscat ...	...				...	...
Panjgur ...	...					
Peshawar ...	.	02 04	36 02	31 04	28 07	31 12
Quetta ...		...	...	...	24 09	30 16
Sharjah ...				...		..
Sylhet ...	13 04	14 09	15 13	15 11	14 08	...
Veraval ...	...	...	...	..	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	12 19	12 16	13 18							...	...
Chaklala ...	...	14 04	11 04	30 04	32 09	30 12	29 14	28 20	29 22	...	...
Chhor ...			...	...	...	...		...	..	...	...
Chittagong ...	16 13	15 20	...	...		...	...	...	...	...	..
Cox's Bazar ...	No	Ascent		...	...	...				...	
Dacca ...	13 13	13 17	14 18	15 19	13 19	xx xx	13 20	13 25	12 25	10 25	12 24
Dalbandin ...	...	...	23 12	26 11	34 08	31 19	34 19	36 18	36 18	18 10	30 09
D. I. Khan ...	...	...	...	...					...	...	...
Drosh ...		...	...	...	25 02	31 02	29 05	25 06	...		
Fort Sandeman ...				07 01	35 01	29 16	27 12	29 17	30 13	30 13	29 13
Jacobabad ...	15 05	18 06	26 05	32 08	06 04	33 05	32 04	...	...	...	...
Jessore ...	14 12	14 18	15 19	15 16				...	...	...	..
Jhelum ...	11 01	13 05	14 05	27 03	32 12	30 12	29 21				
Jiwani ...	10 05	29 05	29 07	34 10	35 12	01 10	36 07	08 07	05 06	13 09	08 04
Karachi ...	25 13	27 11								...	...
Khanpur ...	19 11	20 11	21 13	22 15	26 12	29 13	34 17	02 09	08 09	...	...
Lahore ...	26 01	24 04	25 03	23 03	21 07	21 09	.	...	.	...	...
Multan ...			...	...	...		..	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...			...	...	...	...
Peshawar ...	...	...	...	...					...	...	...
Quetta ...			...	...	33 06	31 32	28 04	28 12	30 08	33 09	...
Sharjah ...										...	...
Sylhet ...	10 03	14 06	14 10	13 15	13 17	13 20	13 16	14 19	12 17	...	...
Veraval ...	..	...		...	...	...	...	..		...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Misda																	
Karachi ...	26 18	27 18	28 19	28 18	29 10	33 03	18 02	29 01	34 03	08 16	09 18	09 23	09 19	xx xx	11 32	09 34	10 52	..
Peshawar ...	..	05 11	06 07	35 05	26 09	32 08	32 23	29 45	29 31	29 27	29 37	27 30	...	...		...	...	...
Quetta ...																		

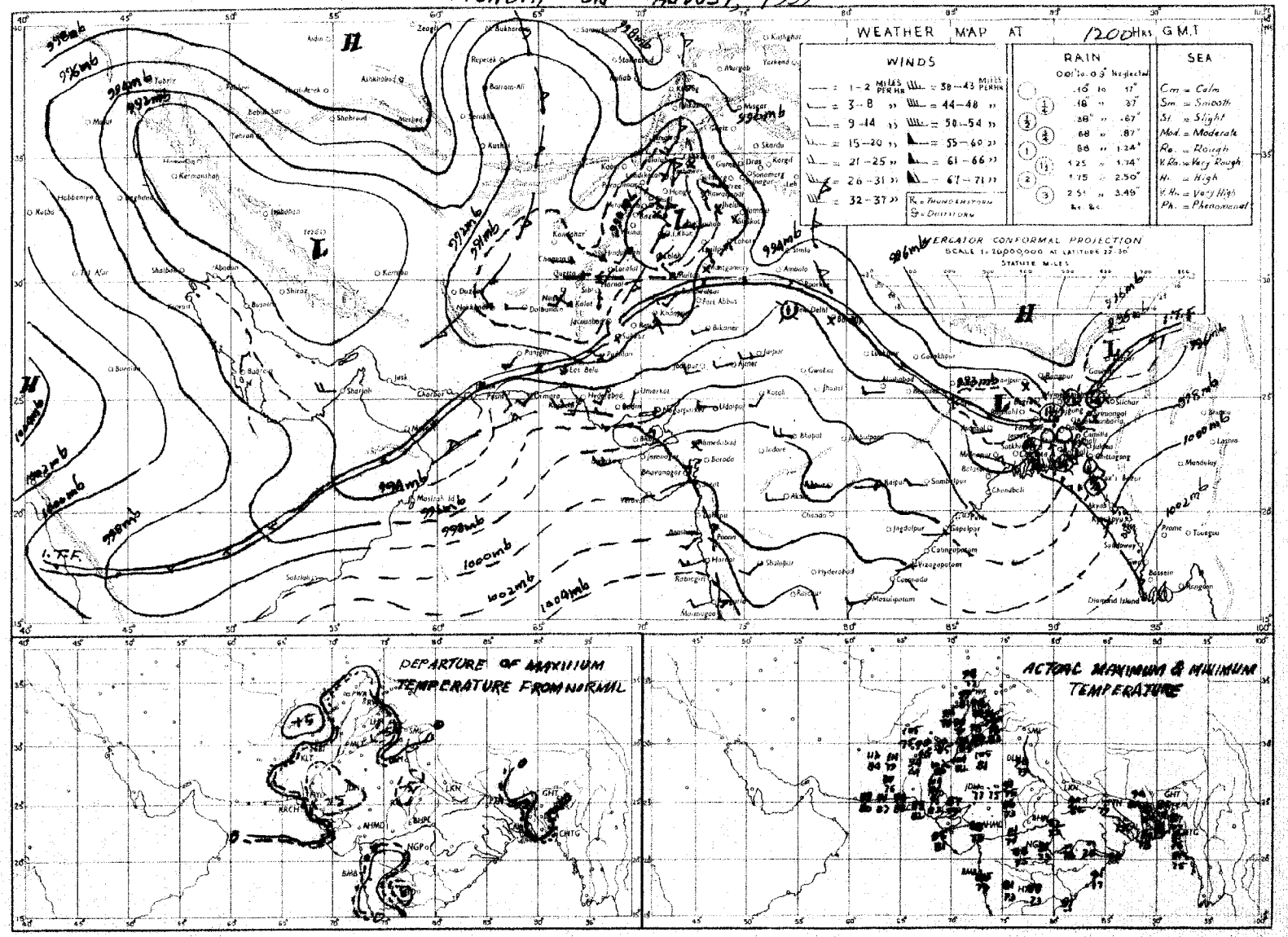
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv,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 3rd AUGUST, 1959



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

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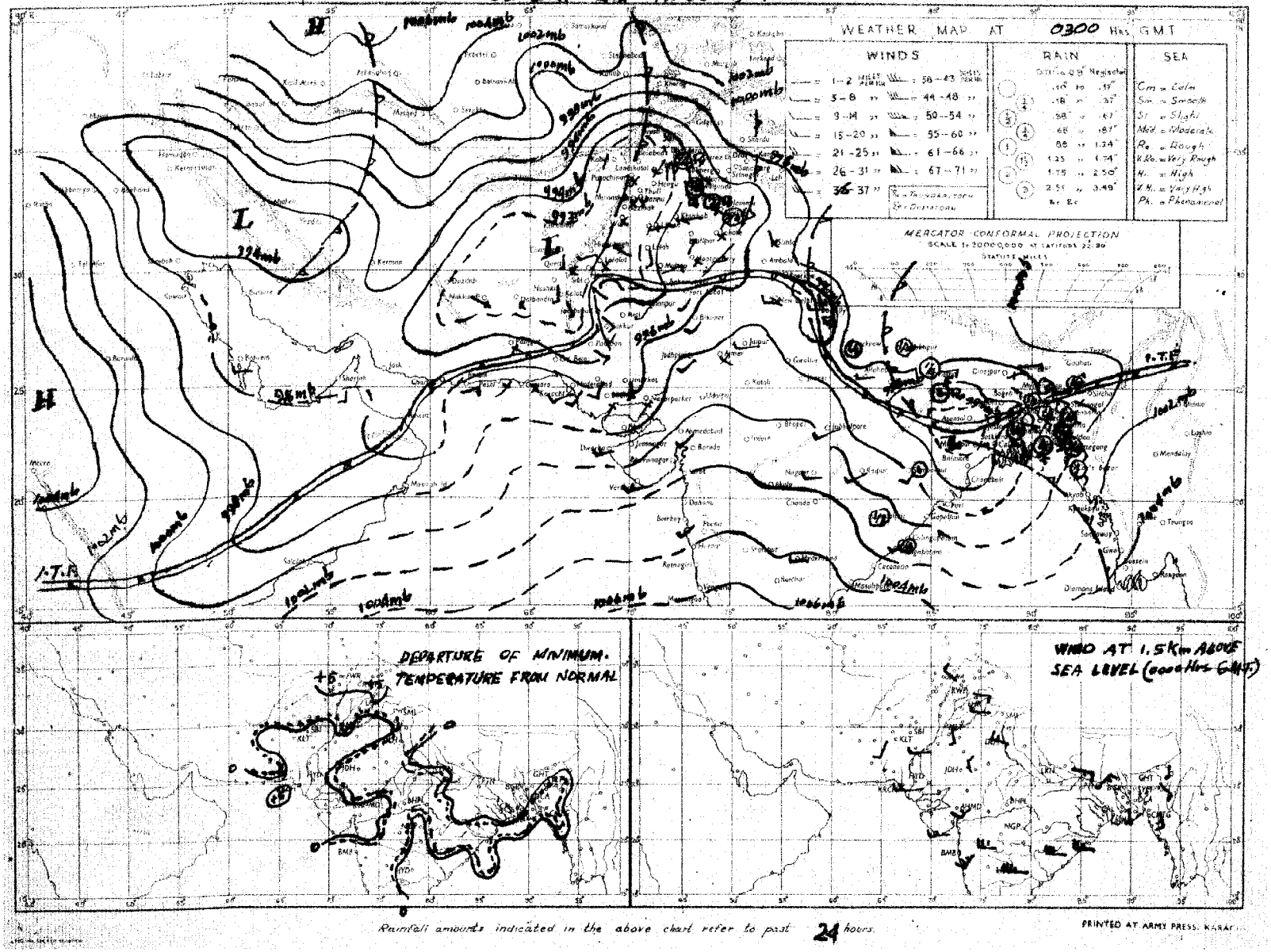
PAKISTAN DAILY WEATHER MAP

TUESDAY 4th AUGUST, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

WEDNESDAY THE 5th AUGUST 1959.

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

The low pressure wave over east Russian Turkistan moved away eastwards while its trough is moving away across Rawalpindi division.

It has caused widespread thunderstorms/showers in Rawalpindi division, local in Lahore and Peshawar divisions and isolated thunderstorm in Quetta division.

A fresh low pressure wave is moving across north Afghanistan.

Yesterday's well marked low over West Bengal and adjoining areas concentrated into a deepression and lies at 05, 0300 G. M. T. about 100 miles east of Sutna. It is likely to move in a westerly direction.

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

Chief amounts of rainfall are: Lahore 2"; Cox's Bazar 1¼"; Khulna 1"; Barisal, Rawalpindi 3/4" each; Jessore, Murree, Chakdara, Kakul, Campbellpur ½" each and Chittagong, Maijdee Court, Srimangal, Faridpur, Satkhira, Rajshahi, Khushab ¼" each.

Day temperatures were 3—5 °F above normal in Khairpur, Kalat and Quetta divisions and the Federal Capital Area and 3—4 °F below normal in Lahore division.

Forecast valid until the evening of 6th August 1959 Fairly widespread rain/thundershowers will occur in Lahore, Rawalpindi divisions, Kashmir and East Pakistan, local in Peshawar division and scattered in Multan, D. I. Khan and Quetta divisions.

Karachi-11
The 5th August 1959.

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

OBSERVATIONS

DIVISIONS	STATIONS	At 1200 Hrs G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																		Departure from Normal of		Rainfall			
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level Pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud Form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form†	Dewpoint temperature °F.	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	633	9	3	16	07	96	01	6	992	79	4	2	4	5	0	78	82	163	9	7	20	14	95	61	6	022	77	6	5		1	0	75	76	− 3	0	76.1	+ 5.3	92.1	140
	Chittagong	004	5	7	16	05	97	60	6	990	80	5	4	4	2	0	78	84	023	9	8	16	05	95	62	6	012	78	8	4	3	x	x	77	77	− 2	+ 1	59.3	+11.6	91.3	108
	Maijdee Court	010	6	6	18	09	97	03	5	969	82	4	4	6	6	0	79	85	020	9	7	13	05	97	03	6	005	84	5	5	6	2	0	77	78	− 1	0	58.3	+ 9.9	90.2	115
	Comilla	000	0	8	18	03	96	02	2	982	82	8	4	5	x	x	79	87	000	0	8	00	00	97	02	2	010	85	8	4	5	x	x	76	76	0	− 1	28.3	− 8.7	54.3	94
	Brahmanbaria	007	0	6	13	02	97	21	1	972	84	3	4	5	0	7	78	90	009	0	3	13	05	97	01	1	009	86	3	4	5	0	0	76	78	—	—	26.7	− 1.9	52.7	76
	Sylhet	000	0	8	00	00	97	02	2	966	87	4	5	6	2	x	81	91	000	9	6	00	00	97	02	6	007	85	1	2	6	6	8	76	78	—	—	89.2		126.6	
	Srimangal	011	2	7	00	00	96	03	6	972	82	5	3	4	2	0	79	93	023	9	5	00	00	96	03	9	015	84	5	4	6	0	0	78	75	+ 2	− 1	39.1	+ 5.3	73.0	98
Dacca	Mymensingh	000	0	8	13	02	98	02	2	972	87	8	7	6	x	x	79	88	015	9	4	11	05	98	02	6	010	84	4	4	5	0	0	76	78	+ 1	0	31.8	− 4.1	62.9	91
	Narayanganj	000	9	8	09	05	96	03	[illegible]	944	84	3	4	4	7	8	79	89	000	9	8	11	07	96	03	2	000	85	8	7	3	x	x	76	80	+ 1	+ 1	28.7	+ 1.3	49.6	74
	Dacca (Tezgaon)	003	2	7	3	07	98	02	6	955	83	3	5	4	0	5	79	88	005	9	7	09	07	97	03	6	000	83	6	4	4	0	4	77	80	—	—	30.2	—	46.7	—
	Faridpur	031	6	8	16	02	96	02	6	951	81	6	4	6	1	x	77	87	036	9	7	16	02	97	03	6	974	85	7	7	7	0	0	78	79	0	0	26.7	− 1.1	54.9	71
	Barisal	000	0	6	00	00	97	03	3	963	84	6	0	8	4	0	77	87	083	4	6	00	00	97	03	6	997	82	6	0	9	4	0	79	79	0	+ 1	52.7	+18.7	65.9	81
Rajshahi	Khulna	050	1	7	00	00	96	01	6	961	81	7	5	6	0	0	80	68	105	0	7	18	05	96	03	6	994	82	7	5	6	0	0	70	79	+ 1	+ 1	40.0	+11.1	60.9	68
	Satkhira	022	0	6	00	00	95	03	6	953	85	6	6	8	0	0	80	89	022	0	8	00	00	94	03	2	993	83	x	x	x	x	x	78	79	+ 1	+ 1	27.8	+ 0.4	46.2	65
	Jessore	006	1	6	18	02	96	60	2	954	85	4	4	5	6	0	81	89	044	0	6	13	07	96	61	6	990	84	2	4	6	6	0	81	78			22.1	− 4.2	30.0	65
	Sirajganj	000	0	8	16	02	98	02	2	939	87	0	0	9	0	4	80	89	000	0	8	18	02	98	02	2	981	84	8	7	5	x	x	78	80	+ 2	1	21.6	− 4.3	47.7	64
	Bogra	000	0	7	09	02	96	02	2	953	86	2	1	6	0	2	79	89	007	5	6	09	05	96	03	6	997	84	6	5	4	0	0	78	80	—	+ 1	17.8	−10.2	36.9	69
	Dinajpur	000	8	4	00	00	96	02	2	939	87	4	0	9	2	0	81	89	000	3	8	09	02	96	02	2	971	85	8	4	7	x	x	78	80	0	+ 1	21.6	− 9.9	38.0	72
	Rangpur	000	0	4	13	02	96	01	2	xxx	87	2	5	6	2	0	77	90	000	0	6	09	05	96	01	2	xxx	84	6	5	6	0	0	78	80	+ 1	+ 1	31.4	− 3.3	53.3	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	8	3	00	00	96	01	1	930	94	3	3	6	0	0	79	95	231	5	7	00	00	96	29	9	992	75	3	9	6	7	0	73	73	− 3	− 5	12.0	− 0.1	15.9	19
	Sialkot	000	0	0	00	00	98	00	0	943	92	0	0	9	0	0	81	93	000	1	8	00	00	97	02	5	996	79	8	5	6	x	x	74	xx	− 3	—	33.3	+21.1	39.2	32
Rawalpindi	Jhelum	000	8	3	00	00	98	03	9	931	92	2	1	7	3	0	78	93	000	2	7	31	02	97	01	5	984	81	7	0	9	7	0	77	73	—		30.1	—	32.3	—
	Rawalpindi	000	0	7	18	02	99	03	2	928	90	6	6	5	0	7	76	94	076	2	3	27	02	99	01	9	993	78	3	0	9	8	0	75	72	1	− 4	19.4	+ 7.7	22.5	36
	Khushab	009	1	6	05	03	96	02	6	833	81	6	3	6	0	0	75	98	020	3	5	05	02	98	01	6	980	83	5	3	6	0	0	74	75	− 3	− 1	11.1	+ 5.2	16.6	15
Multan	Lyallpur	000	0	6	16	02	96	02	0	927	97	0	0	9		6	79	97	000	0	6	05	02	96	02	0	971	82	6	3	8	0	0	77	81	− 2	0	6.5	+ 1.9	9.2	12
	Montgomery	000		0	00	00	96	00	0	920	00	0	0	9	0	0	76	01	000	0	0	00	00	96	00	0	977	87	0	0	9	0	0	75	84	− 1	+ 1	1.2	− 2.8	3.5	10
	Multan	000	0	3	18	02	97	02	0	910	00	3	1	6	0	0	81	01	000	0	6	23	02	97	03	1	966	89	2	5	6	4	2	78	86	+ 1	+ 2	4.1	+ 1.7	6.2	7
Bahawalpur	Leiah	000	0	0	18	15	96	00	0	923	00	0	0	9	0	0	74	06	000	0	8	00	00	99	01	2	957	84	6	0	9	4	8	93	90	—		2.9	—	4.8	8
	Khanpur	000	0	3	20	03	96	05	0	907	03	3	0	9	3	0	85	04	000	0	0	25	05	96	02	0	970	86	0	0	9	0	0	79	84	+ 1	+ 2	0.3	2.7	1.2	6
	Bahawalpur																																								6
	Fort Abbas	000	0	0	23	03	98	00	0	929	95	0	0	9	0	0	85	01	000	0	0	23	06	98	00	0	975	88	0	0	9	0	0	81	78	—	—	3.3	—	3.7	4
Peshawar	Chakdara	005	9	6	13	05	97	51	6	977	78	8	6	7	x	x	78	93	045	0	4	00	00	99	01	9	968	78	4	0	8	6	0	74	72	—		8.0	—	18.6	—
	Peshawar	000	3	5	16	05	97	17	9	915	98	4	9	6	3	0	72	98	000	0	5	34	03	97	01	2	978	82	4	8	6	3	0	75	79	− 2	0	2.2	+ 0.2	15.2	14
	Haripur	000	4	6	23	06	96	03	2	957	87	6	6	6	0	0	77	90	005	7	5	31	02	97	01	5	013	76	0	0	9	0	6	73	75		—	9.7	—	20.6	
	Campbellpur	060	8	8	09	03	97	03	6	942	91	8	8	4	x	x	81	94	061	2	2	09	02	98	02	6	030	81	0	0	9	0	1	72	79	—	—	13.6	—	17.5	—
D. I. Khan	Bannu	000	0	0	07	02	96	05	1	919	87	0	0	9	0	0	74	97	000	0	8	00	00	96	02	2	969	84	8	5	6	x	x	76	81	—	—	9.5	—	16.4	11
	D. I. Khan	000	6	3	05	02	98	03	0	893	01	3	0	9	3	0	87	02	000	3	5	13	02	98	02	1	968	89	5	0	9	5	0	77	87	+ 1	+ 5	9.8	+ 6.6	13.5	10
Quetta	Sibi	000	9	5	23	03	98	03	1	899	04	5	0	9	2	0	87	05	000	0	4	18	02	98	03	0	955	89	4	0	9	3	0	76	91	—	—	2.3	—	2.6	5
Kalat	Nokkundi	000	0	0	34	05	95	05	4	880	14	0	0	9	0	0	50	17	000	0	0	23	05	98	02	0	943	96	0	0	9	0	0	51	89	—	—	0	—	1.1	2
	Turbat	000	0	0	31	02	96	00	0	928	08	0	0	9	0	0	80	10	000	0	0	18	02	95	00	0	972	85	0	0	9	0	0	78	xx	—	—	2.1	—	6.6	—
	Jiwani	000	0	0	13	07	96	02	0	940	87	0	0	9	0	0	77	90	000	0	0	13	05	96	02	1	957	84	0	0	9	0	0	78	82	—	—	0.1	—	5.7	4
	Pasni	000	0	4	23	10	97	02	0	945	89	4	5	7	0	[illegible]	82	92	000	0	8	18	03	97	02	0	964	85	8	5	7	x	x	80	83	+ 3	+ 6	0	− 0.8	2.5	6
	Ormara	000	0	0	27	05	98	00	0	950	90	0	0	9	0	[illegible]	77	94	000	0	7	00	00	98	02	1	962	85	7	0	9	2	0	79	83			0.1	− 0.1	2.0	86
	Las Bela																																								
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	14	96	03	1	948	87	6	6	4	0	0	80	90	000	0	8	25	12	96	02	2	970	84	8	6	4	x	x	78	82	+ 5	+ 3	6.5	+ 2.2	6.5	8
	Karachi (Air Port)	000	0	6	23	18	97	03	1	951	86	6	5	5	0	0	75	89	000	0	8	23	09	96	03	2	967	84	6	6	4	4	x	77	82	—	—	9.3	—	9.6	—
	Badin	000	0	0	23	02	97	00	0	958	89	0	0	9	0	0	75	91	000	0	8	28	02	95	03	2	992	81	8	9	7	x	x	77	80	− 1	0	4.6	+ 0.5	4.6	9
	Nagarparker	000	0	4	23	02	97	02	1	962	91	4	6	7	0	0	75	93	000	0	6	06	00	96	02	0	967	81	6	7	7	0	0	65	79	—	—	7.7	—	7.7	—
	Umarkot	000	0	7	21	09	98	02	0	916	89	7	1	6	0	0	77	91	000	0	8	18	05	98	02	0	965	81	8	6	5	x	x	77	79	—	—	10.4	—	13.1	—
	Hyderabad	000	0	0	23	09	97	02	0	935	92	0	0	9	0	0	75	96	000	0	0	23	07	97	02	2	960	84	8	0	9	8	0	75	82	− 1	+ 2	6.4	+ 2.6	7.1	7
Khairpur	Pad-i-dan	000	0	0	13	05	97	02	0	903	04	0	0	9	0	0	74	05	000	0	0	13	07	97	02	0	950	84	0	0	9	0	0	76	81	—	—	4.7	—	4.9	—
	Nawabshah	000	0	0	18	10	96	02	0	918	00	0	0	9	0	0	81	03	000	0	1	18	05	96	02	0	955	85	1	0	9	1	0	79	80	—	—	3.0	—	3.7	—
	Sukkur	000	0	0	00	00	96	10	[illegible]	901	03	0	0	9	0	0	81	05	000	0	0	16	03	96	00	0	955	84	0	0	9	0	0	77	83	—	—	1.1	—	3.1	4
	Kashmore	000	0	0	00	00	99	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	18	04	99	00	0	xxx	xx	0	0	9	0	0	80	80	—	—				—
	Jacobabad	000	0	0	18	05	96	02	0	905	03	0	0	9	0	0	78	13	000	0	2	11	05	96	02	0	957	85	2	0	9	2	0	76	83	+ 8	0	3.7	+ 2.2	5.4	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								
Kashmir	Srinagar																																								26
	Gulmarg																																								—
	Sonamarg																																								71
	Dras																																								26
	Leh																																								3
	Skardu																																								6
	Misgar																																								—
	Aliabad																																								
	Gilgit																																								5
Rawalpindi	Murree	030	3	7	05	02	97	02	6	404	67	5	3	3	8	0	64	71	044	3	7	09	03	97	02	9	436	61	5	5	5	5	0	59	60	− 1	+ 2	28.1	+ 9.6	53.3	59
Peshawar	Drosh	000	6	5	23	14	96	03	2	347	92	5	8	6	0	0	50	98	000	1	4	00	00	98	01	2	405	83	3	2	7	3	0	62	75	+ 2	+ 2	1.2	—	30.4	18
	Cherat	005	3	5	13	05	98	03	6	385	74	4	6	6	1	0	71	83	005	0	5	18	01	96	46	4	426	71	5	0	9	1	0	70	69	− 4	− 2	4.7	− 1.0	14.7	29
	Kakul	029	2	8	11	03	96	03	6	390	77	8	8	7	x	x	67	83	041	1	7	23	03	97	02	6	419	71	7	4	7	0	0	69	70	—	—	10.9	—	21.8	—
	Landi Kotal	000	4	3	05	03	98	02	9	376	87	1	1	7	0	8	67	92	000	0	6	05	02	98	03	1	418	76	3	6	5	9	0	68	xx	—	—	2.5	—	17.5	—
D.I. Khan	Parachinar	000	2	7	36	02	99	01	0	704	71	7	0	9	1	0	66	xx	000	0	8	00	00	98	03	0	401	80	6	3	7	2	x	73	78	—	—	2.6	− 0.3	5.6	29
	Miranshah	000	0	4	23	05	99	01	2	371	90	4	0	8	4	0	61	95	000	0	7	23	03	98	20	2	403	77	7	3	8	0	0	71	75	—	—	3.5	—	12.5	13
	Wana	000	6	4	09	07	98	10	2	362	89	4	2	8	0	0	79	92	000	0	2	05	03	98	01	0	413	84	2	1	7	0	0	68	71	+ 8	− 3	3.1	0	11.8	11
	Fort Sandeman	010	0	5	18	10	98	03	0	367	97	5	2	6	0	0	64	03	000	0	0	00	00	98	00	0	383	78	0	0	9	0	0	60	77	—	—	1.7	—	9.8	—
Quetta	Hindubagh	000	0	0	27	02	98	00	0	320	97	0	0	9	0	0	51	97	000	0	0	00	00	98	00	0	477	77	0	0	9	0	0	73	70		—	5.8	—	11.6	—
	Loralai	000	0	0	13	12	98	00	0	511	91	0	0	9	0	0	68	92	000	0	0	26	01	96	00	0	xxx	xx	0	0	9	0	0	--	xx	—	—	5.0	+ 0.5	8.4	14
	Harnai	000	0	0	20	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	4	18	02	95	01	0	398	78	0	0	9	0	8	71	71	—	—	2.8	+ 2.1	8.4	8
	Quetta	000	0	0	29	02	97	00	0	364	94	0	0	9	0	0	72	97	000	0	0	13	03	98	02	0	386	87	0	0	9	0	0	44	76	+ 5	− 0	0.1	+ 0.1	6.2	7
	Chaman	000	0	0	34	12	98	00	0	369	03	0	0	9	0	0	24	05	000	0	0	13	03	98	02	0	405	77	0	0	9	0	0	53	65	+ 7	+ 4	4.9	+ 4.0	10.3	9
Kalat	Kalat	000	0	1	31	09	97	01	1	367	90	1	1	7	0	0	52	92	000	2	6	00	00	98	03	0	451	91	0	0	9	0	8	70	83	—	—	0.4	—	2.2	
	Nushki	000	0	0	27	06	98	02	0	415	12	0	0	9	0	0	83	13	000	3	4	13	02	96	03	0	388	90	0	0	9	0	4	47	82	+ 5	+ 2	0.3	+ 0.1	2.3	5
	Dalbandin	000	8	4	36	07	96	03	0	375	12	4	1	7	0	0	49	13	000	0	0	00	00	98	00	0	406	84	0	0	9	0	0	69	78	+ 5	+ 2	1.2	—	2.9	4
	Panjgur	000	0	0	00	00	99	00	0	401	04	0	0	9	0	0	62	06	000	0	0	18	02	99	00	0	457	75	0	0	9	0	0	56	61	—	—	—	—	—	12
Afghanistan	Kabul	000	0	0	27	02	99	00	0	472	86	0	0	9	0	0	68	94																							—
	Kandahar																																								

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 5th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhCLhCMCH	DsVs a PP	8 Ns Ch hs	O TxTx Ld Td	Idw dw PHw
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Moordrecht	33 185	699 00	8 23 24	97 02 2	991 79	xx x xx		...	0 50 73	1 23 33
World Heath	33 229	608 03	1 21 10	97 02 0	993 79	12 5 00	34 30 4	...	0 00 77	1 21 x2
Moordrecht	33 190	662 06	5 23 24	97 82 2	998 82	51 4 00	...	...	0 62 75	1 23 33
World Heath	33 226	612 06	6 20 10	97 02 0	005 82	65 7 00	34 21 2	...	0 04 77	1 20 x2
World Heath	33 223	616 09	6 20 12	97 02 0	005 84	65 7 00	34 40 0	...	0 04 79	1 20 x2
Moordrecht	33 198	654 12	6 24 23	97 02 2	971 81	51 4 01	...	...	0 01 73	1 24 33
World Heath	33 219	622 12	6 20 10	97 02 0	987 81	65 7 00	34 71 8	...	0 51 75	1 20 x2
Isidora	33 263	552 12	0 26 14	98 00 0	960 99	60 9 00	25 80 5	...	0 06 75	1 26 22
World Heath	33 215	617 18	1 23 18	97 01 0	010 79	12 6 00	33 31 4	...	0 00 77	1 23 x2
Isidora	33 263	567 18	0 00 00	99 13 0	960 91	00 9 00	36 20 5	...	0 51 84	1 00 xx

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	...	Misda	..	.	...	...	...	.	...	—	—		...
Jiwani ...														
Karachi ...	00 00	994 282 240	..	..	350 265 999	...	051 975 999	339 058 999	794 572 999	518 628 999	966 762	249 992	429 125	670 300
Lahore ...	00 00	974 222 222	...		388 172 135	...	010 050 999	...			...	...	...	...
Multan ...														
Peshawar ...	00 00	957 272 102		...	440 168 168	...	278 090 090	278 012 012	720 565 999	541 632 999	969 788		...	
Quetta ...	02 00	823 232 192	Misda					—	—	—	...	—	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd: 18	19	20	21	22	23	24	25	26	Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	...	...	..	...	—	...	...	...	...	...	...
Jiwani ...													
Karachi ...	00 00			...	...	...	—	..	—	—	400 300 999	—	..
Lahore ...	00 00	900 192 158	800 132 132	682 028 999	...	...	..	...	..	..	682 028 999	...	...
Multan ...													
Peshawar ...	00 00	900 188 180	800 142 141	350 700 999	262 852 999	...	—	..	...	...	262 852 999	..	...
Quetta ...	02 00	..	...	...		...	—	...	—	—	..	..	...

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l.→ STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)
Bogra ...	13 12	13 17	14 18	13 21	12 18	12 19			
Chaklala ...		13 06	12 06	14 04	20 08	30 06	27 17	30 24	30 25
Chhor ...	20 18	22 13	23 20						
Chittagong ...	17 18	18 22							
Cox's Bazar ...	No	Ascent							
Dacca ...	13 16	15 16	15 17	16 18	15 15	14 13	13 25	12 25	12 25
Dalbandin ...			23 01	35 09	36 10	03 13	02 11	01 10	02 14
D. I. Khan ...									
Drosh ...					22 08	20 02	20 15		
Fort Sandeman ...				15 13	19 09	27 08			
Hyderabad ...	18 10	17 09	19 05	31 04	34 09	27 09	32 13	29 10	30 15
Jessore ...	17 14	17 17	17 20						
Jhelum ...	19 03	18 04	18 04	08 02	22 05	31 05	29 17	29 21	29 25
Jiwani ...	17 07	27 07	28 07	32 05	33 05	02 08	04 14	05 14	07 13
Karachi ...	23 13	24 11							
Khanpur ...	20 11	19 07	19 07	20 08	21 12	21 14			
Lahore ...	23 03	22 05	22 04	24 08	27 07	33 07	31 16	32 24	33 25
Multan ...	21 08	17 11	17 13	18 11	18 05	32 14	30 23		
Muscat ...									
Panjgur ...									
Peshawar ...		21 10	19 04	17 06	18 07				
Quetta ...					30 07	31 09	29 12	33 03	33 03
Sharjah ...									
Sylhet ...	12 04	12 05	15 09	16 09	15 14	14 19			
Veraval ...									

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l.→ STATION	0.3 (11)	0.6 (12)	0.9 (13)	1.5 (14)	2.1 (15)	3.0 (16)
Bogra ...	12 11					
Chaklala ...		04 05	11 05	09 05		
Chhor ...	18 13					
Chittagong ...	15 25					
Cox's Bazar ...	No	Ascent				
Dacca ...	13 16	14 19				
Dalbandin ...			33 03	33 15	32 15	33 12
D. I. Khan ...						
Drosh ...				33 02	22 07	25 12
Fort Sandeman ...				05 03	22 05	29 10
Hyderabad ...	16 08	15 04	12 04	33 04	33 06	35 15
Jessore ...	13 14	13 16	13 15			
Jhelum ...	30 10	25 06	20 04	15 07	16 04	33 06
Jiwani ...	13 02	24 01	03 01			
Karachi ...	26 16	27 32				
Khanpur ...	18 17	18 20	20 26	22 26	26 16	25 17
Lahore ...	15 06	17 14				
Multan ...	21 11	23 14	22 10	18 03	09 01	
Muscat ...						
Panjgur ...						
Peshawar ...		08 01	09 07	17 04	25 11	
Quetta ...					22 04	28 14
Sharjah ...						
Sylhet ...	05 02	14 08	17 14	12 09	10 10	13 12
Veraval ...						

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l.→ STATION	0.3 (17)	0.6 (18)	0.9 (19)	1.5 (20)	2.1 (21)	3.0 (22)	4.5 (23)	5.4 (24)	6.0 (25)	7.2 (26)	9.0 (27)
Bogra ...	10 13	11 12	11 13	13 16							
Chaklala ...		11 03	11 03	32 02	31 07						
Chhor ...											
Chittagong ...	17 19	18 25									
Cox's Bazar ...	No	Ascent									
Dacca ...	12 11	13 12	13 15	13 17							
Dalbandin ...			11 03	27 03	31 17	30 46	30 28	31 26	32 28	29 07	26 04
D. I. Khan ...											
Drosh ...					20 06	21 09					
Fort Sandeman ...				04 03	10 03	32 04	29 10				
Hyderabad ...	13 06	11 03	07 03	04 08	32 06	30 10	35 04	07 06	05 03		
Jessore ...	14 11	13 11									
Jhelum ...	14 09	14 10	13 10	10 06	34 02	33 10	35 23	32 32	31 41		
Jiwani ...	15 04	19 02	19 03	04 10	07 13	07 18					
Karachi ...	25 12										
Khanpur ...	22 10	19 06	18 07	12 08	08 21	08 17	34 15	35 22	32 28		
Lahore ...	02 05	01 09	35 09	33 09	33 09	35 13	32 11	25 08	29 07	22 04	26 08
Multan ...	23 06	25 07	22 06	14 12	12 15	09 07	29 10	20 09			
Muscat ...											
Panjgur ...											
Peshawar ...		01 02	26 01	30 02	31 07	29 10	27 17	29 22	28 15		
Quetta ...					18 05	28 13	28 24	30 24	33 11	32 11	24 06
Sharjah ...											
Sylhet ...	34 06	03 01	13 06	16 19	14 21	13 14					
Veraval ...											

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

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

Height in g. p. kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Misda																	
Karachi ...	25 15	26 15	28 18	29 15	29 08	03 05	05 21	03 20	08 10	07 17	04 20	09 27	08 26	09 29	09 33	10 30	09 47	..
Peshawar ...																		
Quetta ...																		

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

Cloud observation Data (GGiii Cddv.v.,etc.)

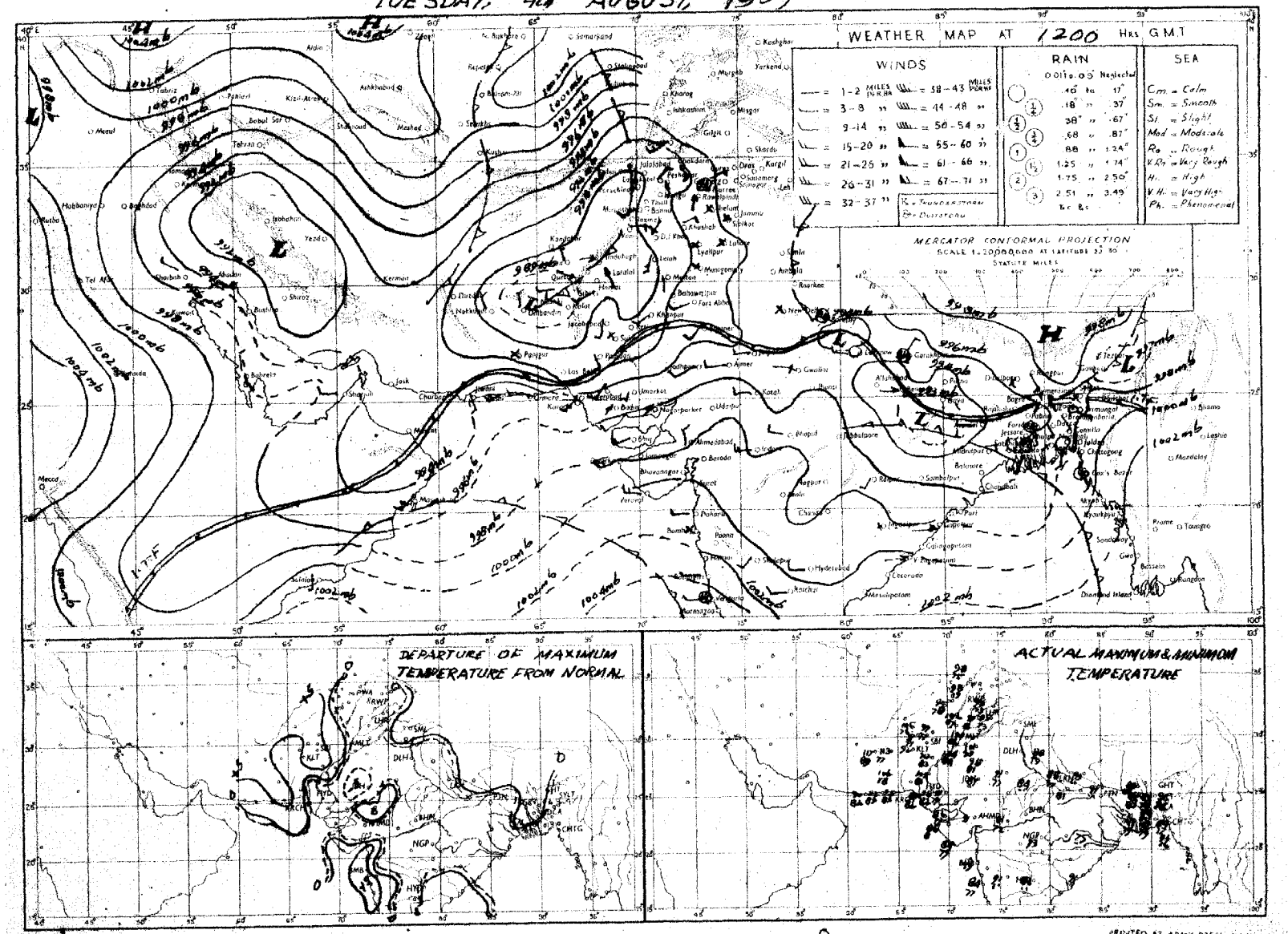
12 530 61 706
12 571 07 920

05 712 02 410

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, 4th AUGUST, 1959



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

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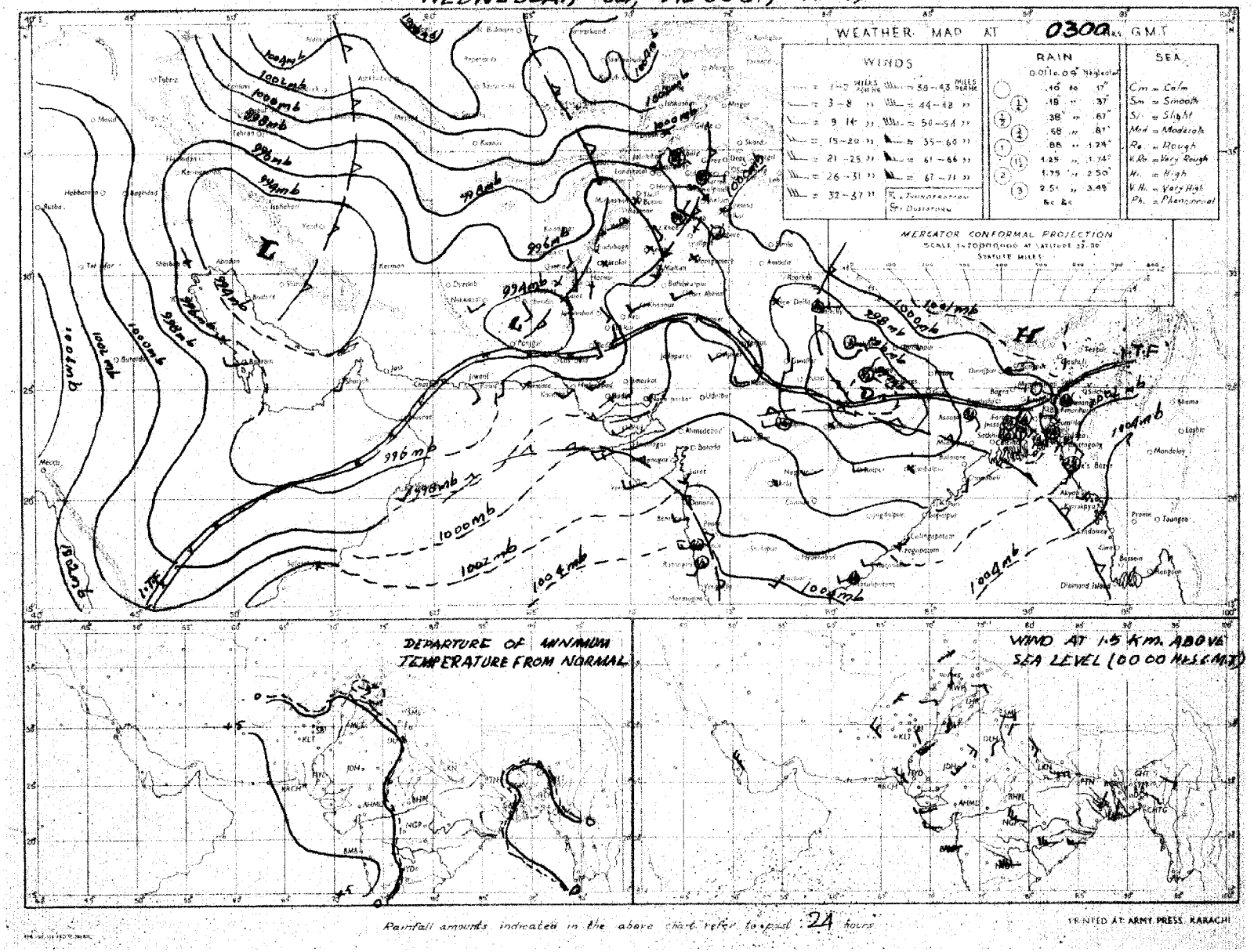
PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 5th, AUGUST, 1959.



Rainfall amounts indicated in the above chart refer to a period 24 hours

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

THURSDAY THE 6th AUGUST 1959.

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

Yesterday's depression moved westwards and now lies at 06,0300 G. M. T. near Nowgong. It is likely to move westnorthwestwards.
Rain/thundershowers have been fairly widespread in Chittagong and Dacca divisions and scattered in Rajshahi division.
A low lies over west Rajasthan and adjoining West Pakistan. It caused isolated dust storm in Hyderabad division.
The low pressure wave is moving across north Afghanistan with its trough extending to D. I. Khan division.
Scattered thunderstorms/showers have occurred in Rawalpindi, Bahawalpur, Peshawar, D. I. Khan and Quetta divisions.
Chief amounts of rainfall are: Maijdee Court 1"; Chittagong, Sirajganj ½" each and Cox's Bazar, Comilla, Srimangal, Barisal, Jessore, Khushab, Harnai ¼" each.
Day temperatures were 3—6 °F below normal in Lahore division and 3—5 °F above normal in south Kalat division and the Federal Capital Area.
Forecast valid until the evening of 7th August 1959. Fairly widespread rain/thundershowers will occur in Chittagong, Dacca and Lahore divisions, local in Rajshahi and Rawalpindi divisions and in Kashmir and scattered in rest of West Pakistan outside Kalat division.

Karachi-11
The 6th August 1959.

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

OBSERVATIONS

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's bazar	018	9	5	18	05	96	2/	6	005	79	3	2	4	5	2	78	82
	Chittagong	051	9	7	16	09	97	02	6	994	81	4	4	5	2	0	76	83
	Maijdee Court	000	9	4	18	13	98	01	0	985	83	2	4	8	2	0	77	86
	Comilla	022	6	8	18	06	96	02	6	985	82	8	4	5	x	x	78	83
	Brahmanbaria	000	0	8	00	00	96	03	2	976	83	4	4	4	4	x	79	91
	Sylhet	000	4	6	13	15	97	02	9	981	85	3	8	5	3	1	79	92
	Srimangal	012	3	8	10	00	96	03	9	982	82	8	3	6	x	x	76	90
Dacca	Mymensingh	007	0	8	00	00	98	02	2	962	88	8	7	6	x	x	78	90
	Narayanganj	016	1	8	16	03	96	21	6	970	84	5	7	4	8	4	80	90
	Dacca (Tezgaon)	000	9	8	13	03	97	03	2	965	83	3	8	3	7	x	78	88
	Faridpur	012	6	8	16	03	96	61	6	953	84	8	4	6	x	x	80	87
	Barisal	000	0	7	18	03	97	03	2	977	84	7	0	8	4	0	78	87
Rajshahi	Khulna	000	0	8	00	00	96	01	2	973	87	8	4	6	x	x	78	89
	Satkhira	000	0	8	00	00	95	03	2	973	85	8	6	8	x	x	77	89
	Jessore	032	2	4	18	03	95	02	6	964	86	4	4	5	0	0	81	87
	Sirajganj	000	0	8	00	00	98	02	2	957	86	8	0	9	5	x	84	89
	Bogra	001	0	8	09	02	96	21	2	967	87	3	6	4	2	8	78	88
	Dinajpur	000	9	4	00	00	96	02	2	965	88	4	0	9	2	0	76	91
	Rangpur	000	0	4	13	02	97	01	1	xxx	89	4	5	6	0	0	78	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	1	00	00	96	02	0	954	94	0	0	9	0	6	80	95
	Sialkot	000	8	4	00	00	98	01	0	953	90	3	4	6	3	0	80	93
Rawalpindi	Jhelum	000	8	4	00	00	98	02	1	948	93	3	1	7	3	0	80	95
	Rawalpindi	000	0	4	27	02	99	02	1	941	92	1	1	7	0	8	77	93
	Khushab	020	0	0	05	03	99	02	6	946	94	0	0	9	0	0	79	95
Multan	Lyallpur	000	0	6	16	02	96	02	0	946	96	6	3	8	[illegible]	0	76	97
	Montgomery	000	[illegible]	4	13	02	96	01	1	950	98	2	2	7	9	0	75	00
	Multan	000	0	3	18	03	97	03	0	939	99	2	1	6	0	2	80	02
Bahawalpur	Leiah	000	0	8	27	03	96	17	5	919	99	4	7	7	8	x	85	01
	Khanpur	000	0	0	11	03	96	02	0	941	02	0	0	9	0	0	73	03
	Bahawalpur																	
	Fort Abbas	000	0	2	31	02	98	01	1	951	01	2	0	8	1	0	81	03
Peshawar	Chakdara	000	0	2	23	03	99	01	1	952	90	2	1	7	0	0	73	93
	Peshawar	000	0	2	13	05	97	01	1	942	90	1	9	6	0	3	71	97
	Haripur	000	3	3	23	02	97	02	1	996	88	3	5	6	0	0	85	93
	Campbellpur	000	0	6	18	05	98	01	0	966	92	6	0	9	4	0	79	94
D. I. Khan	Bannu	000	4	7	23	02	98	01	9	959	84	7	5	6	0	0	75	94
	D. I. Khan	000	6	5	13	02	98	03	0	948	88	5	0	9	5	0	78	99
Quetta	Sibi	000	9	6	23	02	98	03	1	926	03	6	0	9	2	0	76	04
Kalat	Nokkundi	000	0	0	34	09	95	05	4	912	07	0	0	9	0	0	39	08
	Turbat	000	0	0	18	02	96	00	0	931	08	0	0	9	0	0	82	11
	Jiwani	000	0	0	18	05	96	02	0	949	89	0	0	9	0	0	71	92
	Pasni	000	0	0	16	09	97	00	0	948	90	0	0	9	0	.	83	91
	Ormara	000	0	0	23	05	98	00	0	954	90	0	0	9	0	0	76	94
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	25	10	96	03	2	959	86	7	0	9	3	0	77	90
	Karachi (Air Port)	000	0	7	23	09	96	01	2	957	86	7	5	5	0	0	76	89
	Badin	000	6	8	23	02	95	03	2	962	88	8	0	9	7	x	77	91
	Nagarparker	000	0	6	00	00	97	02	2	979	92	6	6	7	0	0	72	95
	Umarkot	000	0	8	18	09	98	02	2	952	88	8	5	6	x	x	77	88
	Hyderabad	000	0	3	23	03	97	02	0	948	92	3	5	6	0	0	76	96
Khairpur	Pad-i-dan	000	0	1	05	07	97	01	0	926	03	0	0	9	0	1	73	03
	Nawabshah	000	0	2	23	05	96	03	0	932	01	2	1	5	0	0	83	03
	Sukkur	000	0	0	02	03	96	00	0	930	99	0	0	9	0	0	79	00
	Kashmore	000	0	0	00	00	99	00	0	xxx	09	0	0	9	0	0	91	xx
	Jacobabad	000	0	0	18	05	96	02	0	933	00	0	0	9	0	0	78	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	5	7	29	03	95	02	4	412	69	7	5	2	0	0	56	71
Peshawar	Drosh	000	8	6	23	12	96	03	2	373	90	6	2	6	0	0	52	97
	Cherat	000	0	2	18	01	98	02	1	410	81	1	0	9	1	8	77	xx
	Kakul	000	7	3	23	05	97	02	1	408	81	2	4	6	0	1	68	84
	Landi Kotal	000	0	2	02	03	99	02	1	396	87	1	1	7	0	3	57	90
D. I. Khan	Parachinar	000	0	0	00	00	99	00	0	794	70	0	0	9	0	0	67	xx
	Miranshah	000	0	4	05	02	99	03	0	391	81	4	2	7	0	0	71	88
	Wana	009	2	3	09	07	99	60	1	393	83	3	0	9	4	0	64	88
	Fort Sandeman	000	0	7	05	10	98	17	9	411	82	5	3	6	2	0	64	96
Quetta	Hindubagh	000	0	0	29	03	98	00	0	324	97	0	0	9	0	0	51	97
	Loralai	000	8	3	30	02	98	02	0	489	88	3	0	9	2	0	71	89
	Harnai	000	0	0	26	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	00	00	96	00	0	393	93	0	0	9	0	0	54	95
	Chaman	000	0	0	27	02	98	00	0	378	98	0	0	9	0	0	24	00
	Kalat	000	0	0	27	07	97	02	0	393	88	0	0	9	0	0	49	90
Kalat	Nushki	000	9	1	37	05	98	11	0	432	07	0	0	9	0	1	83	13
	Dalbandin	000	8	0	31	09	96	02	1	389	08	0	0	9	0	0	41	11
	Panjgur	000	0	0	36	09	98	00	0	412	04	0	0	9	0	0	62	00
Afghanistan	Kabul	000	0	0	18	02	99	00	0	473	85	0	0	9	0	0	68	93
	Kandahar																	

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's bazar	030	9	7	20	05	95	61	6	024	79	6	4	4	1	0	78	76	−3	0	76.4	+4.7	92.4	140
	Chittagong	060	4	8	16	05	96	60	6	012	77	7	4	4	1	x	76	77	−3	+1	59.8	+11.6	91.9	108
	Maijdee Court	121	2	8	00	00	96	92	6	012	78	6	5	6	2	x	77	78	0	0	59.5	+10.3	91.4	115
	Comilla	022	9	8	00	00	97	03	6	007	83	8	4	5	x	x	79	78	−4	+1	28.5	−9.6	54.5	94
	Brahmanbaria	000	0	4	13	05	97	03	1	003	83	4	4	5	0	0	77	78	—	—	26.7	−2.3	52.7	76
	Sylhet	000	3	5	00	00	96	02	5	007	86	4	5	6	3	0	77	79	—	—	89.2	—	126.6	—
	Srimangal	024	9	3	13	09	96	03	9	006	83	3	4	6	0	0	75	77	−1	+1	39.4	+4.1	73.2	98
Dacca	Mymensingh	000	0	8	13	02	98	02	2	001	84	8	7	5	x	x	77	79	+2	+1	31.8	−4.5	62.9	91
	Narayanganj	016	9	7	13	03	97	03	2	994	86	7	7	5	0	0	80	81	+2	+2	28.8	+1.0	49.8	74
	Dacca (Tezgaon)	007	1	7	13	02	98	21	2	992	81	6	4	4	0	4	79	79	—	—	30.3	—	46.8	—
	Faridpur	012	9	5	16	02	97	03	6	967	85	5	7	7	0	0	79	78	0	−1	26.9	−1.2	55.1	71
	Barisal	020	9	6	00	00	97	03	6	997	85	6	0	9	4	0	79	79	0	+1	52.9	+18.5	66.1	81
Rajshahi	Khulna	000	0	6	00	00	96	01	2	000	85	6	4	7	0	0	79	80	+2	+2	40.0	+11.7	60.9	68
	Satkhira	000	0	8	23	01	95	03	2	003	85	8	6	8	x	x	78	80	+1	+2	27.8	0	46.2	85
	Jessore	032	0	8	23	03	96	03	4	992	84	8	4	5	x	x	80	79	—	—	22.4	−4.3	38.4	65
	Sirajganj	046	9	6	18	03	98	01	6	975	84	6	2	5	0	0	78	79	+2	0	22.1	−4.7	48.1	64
	Bogra	003	3	7	13	02	96	03	5	989	83	6	5	4	8	8	79	80	0	+1	17.8	−10.6	36.9	69
	Dinajpur	008	3	5	00	00	96	02	[illegible]	985	86	5	0	9	2	0	79	80	+2	+1	21.7	[illegible]	38.0	72
	Rangpur	008	0	7	05	02	96	01	5	xxx	83	7	5	6	0	0	79	80	+1	+2	31.5	−4.7	53.3	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	979	87	0	0	9	0	0	81	82	−3	+3	12.0	−4.0	15.9	19
	Sialkot	002	0	0	00	00	97	00	0	973	89	0	0	9	0	0	87	78	−3	−1	33.3	+20.8	39.2	32
Rawalpindi	Jhelum	000	0	1	05	02	97	02	0	976	89	1	1	8	0	0	79	82	—	—	30.1	—	32.3	—
	Rawalpindi	000	0	0	27	02	99	00	0	983	85	0	0	9	0	0	74	75	−2	+1	19.4	+7.4	32.5	34
	Khushab	020	0	2	10	00	99	01	1	980	89	2	3	6	0	0	79	79	−6	−3	11.3	+3.3	16.8	15
Multan	Lyallpur	000	0	0	00	00	96	00	0	966	96	0	0	9	0	0	79	81	−2	0	6.5	+1.7	9.2	12
	Montgomery	000	0	0	00	00	96	00	0	976	87	0	0	9	0	0	80	85	−2	+3	1.2	−3.0	3.5	10
	Multan	000	0	0	00	00	98	02	0	969	91	0	0	9	0	0	81	79	+1	−5	4.1	+1.1	6.2	7
Bahawalpur	Leiah	000	0	2	00	00	99	05	1	989	87	0	0	9	0	2	82	81	—	—	2.9	—	4.8	8
	Khanpur	000	0	0	25	03	96	02	0	981	87	0	0	9	0	0	81	83	0	+1	0.3	−2.8	1.8	6
	Bahawalpur																							6
	Fort Abbas	000	0	0	25	03	98	00	0	971	92	0	0	9	0	0	79	82	—	—	3.3	—	3.7	4
Peshawar	Chakdara	000	0	0	00	00	99	00	0	974	87	0	0	9	0	0	71	71	—	—	8.0	—	18.6	—
	Peshawar	000	0	4	31	03	97	03	0	983	85	4	8	5	0	0	78	81	−3	+2	2.2	0	15.2	14
	Haripur	000	0	0	05	02	97	00	0	954	87	0	0	9	0	0	79	77	—	—	9.7	—	20.6	
	Campbellpur	000	0	4	18	03	98	01	0	996	86	4	0	9	4	0	80	81	—	—	13.6	—	17.5	—
D. I. Khan	Bannu	000	0	8	00	00	96	02	2	976	83	8	5	6	x	x	78	80	—	—	9.5	—	16.4	11
	D. I. Khan	000	0	0	05	02	99	00	0	973	88	0	0	9	0	0	80	81	−2	−1	9.8	+6.5	13.5	10
Quetta	Sibi	000	0	0	13	02	99	00	0	972	90	0	0	9	0	0	77	81	—	—	2.3	—	2.6	5
Kalat	Nokkundi	000	0	0	34	02	98	02	0	948	91	0	0	9	0	0	46	84	—	—	0	—	1.1	2
	Turbat	000	0	6	23	02	95	03	0	969	85	6	0	9	6	0	77	xx	—	—	2.1	—	6.6	—
	Jiwani	000	0	7	13	09	96	03	2	979	83	7	5	5	0	0	76	82	—	—	0.1	—	5.7	4
	Pasni	000	0	8	13	03	95	05	0	979	85	2	5	7	0	8	79	81	+2	+4	0	−0.8	2.5	6
	Ormara	000	0	7	00	00	98	02	1	981	86	7	0	9	2	0	81	83	—	—	0.1	−0.6	2.0	86
	Las Bela																							
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	25	08	96	03	2	985	85	8	0	9	3	x	81	83	+5	+4	6.5	+2.1	6.5	8
	Karachi (Air Port)	000	7	7	27	05	96	03	5	984	83	1	6	5	3	0	78	79	—	—	9.3	—	9.6	—
	Badin	000	2	8	23	02	95	03	2	980	81	8	8	7	x	x	77	80	−1	0	4.6	+0.4	4.6	9
	Nagarparker	000	0	8	00	00	96	02	3	985	85	8	9	7	x	x	68	75	—	—	7.7	—	7.7	—
	Umarkot	000	0	7	20	05	98	02	0	978	80	7	0	9	2	0	76	78	—	—	10.4	—	11.1	—
	Hyderabad	000	0	3	23	05	97	01	0	975	83	3	6	5	0	0	75	81	−1	+2	6.4	+2.5	7.1	7
Khairpur	Pad-i-dan	000	0	0	13	05	97	02	0	971	85	0	0	9	0	0	76	84	—	—	4.7	—	4.9	—
	Nawabshah	000	0	3	18	07	96	01	1	978	85	3	0	9	2	0	81	83	—	—	3.0	—	3.7	—
	Sukkur	000	0	0	00	00	96	00	0	976	86	0	0	9	0	0	77	83	—	—	1.1	—	2.1	4
	Kashmore	000	0	0	05	03	99	00	0	xxx	97	0	0	9	0	0	81	89	—		—	—	—	—
	Jacobabad	000	0	0	16	05	96	02	0	976	88	0	0	9	0	0	80	85	−4	+2	3.7	+2.1	5.4	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							
	Gilgit																							5
Rawalpindi	Murree	000	9	1	27	05	98	01	1	446	66	1	5	2	0	0	60	59	−1	+2	28.1	+9.1	53.3	59
Peshawar	Drosh	005	6	4	00	00	98	01	9	431	74	1	1	7	3	1	59	70	+1	−3	1.3	—	30.4	18
	Cherat	000	0	7	18	01	98	03	0	428	75	5	5	6	1	0	73	70	—	—	4.7	1.1	14.7	29
	Kakul	000	9	1	27	02	97	01	1	428	75	1	2	6	0	0	69	70	—	—	10.9	—	21.8	—
	Landi Kotal	000	0	2	05	01	98	03	0	421	81	2	2	7	0	0	70	xx	—	—	2.5	—	17.5	—
D. I. Khan	Parachinar	000	0	3	00	00	99	02	0	796	68	3	0	9	1	0	64	xx	—		9.7	—	23.7	29
	Miranshah	000	0	4	00	00	98	02	5	408	79	4	0	8	4	0	72	74	+	—	2.6	−0.4	5.6	13
	Wana	009	0	4	00	00	99	20	6	414	79	4	0	9	6	0	69	74	.	—	3.6	—	12.6	11
	Fort Sandeman	009	0	5	36	03	98	01	9	445	82	5	1	6	0	0	70	76	+1	+2	3.2	0	11.9	—
Quetta	Hindubagh	000	0	0	13	01	98	00	0	389	77	0	0	9	0	0	60	76	—	—	1.7	—	9.8	
	Loralai																		—					14
	Harnai	026	0	0	27	02	98	02	6	xxx	xx	0	0	9	0	0	[illegible]	xx	—	—	5.0	−0.5	8.4	9
	Quetta	000	0	0	18	03	95	00	0	437	77	0	0	9	0	0	65	70	—	—	2.8	+2.0	8.4	7
	Chaman	000	0	0	18	03	98	02	0	406	84	0	0	9	0	0	50	77	0	+2	0.1	+0.1	6.2	9
	Kalat	000	0	1	00	00	97	03	0	418	75	1	1	7	0	0	65	67	0	+8	4.9	+4.0	10.3	—
Kalat	Nushki	000	2	4	00	00	97	03	0	451	91	0	0	9	0	8	69	84	—	—	0.4	—	2.2	5
	Dalbandin	000	3	6	23	02	96	03	1	393	83	[illegible]	0	9	0	4	46	77	+3	+4	0.3	+0.1	2.3	4
	Panjgur	000	0	0	00	00	98	00	0	420	83	0	0	9	0	0	59	78	+4	+3	1.2	—	2.9	12
Afghanistan	Kabul	000	0	0	14	02	99	00	0	458	73	0	0	9	0	0	56	61	—	—	—	—	—	—
	Kandahar																							

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 6th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	$E_N C_h h_s$	O $T_sT_sT_dT_d$	Id_wd_wPH
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Moordrecht	43 209	641 00	6 24 26	97 02 2	964 79	xx x xx		...	0 51 73	1 24 33
World Heath	43 207	638 03	7 23 20	97 02 2	028 81	22 5 98	33 20 6	...	0 01 75	1 23 x3
Isidora	43 238	587 06	0 05 05	99 00 0	971 91	00 9 00	35 10 1	...	0 05 84	1 05 21
World Heath	43 204	647 06	7 23 24	97 02 2	033 81	45 2 68	33 21 0	...	0 02 73	1 23 x3
Moordrecht	43 215	632 06	5 21 23	97 02 2	972 79	52 4 00	...	...	0 07 73	1 21 33
Caltex	43 210	638 06	5 17 20	97 02 2	980 81	55 6 70	34 20 3	...	0 01 75	1 18 06
Cuyaria	43 193	647 06	7 20 25	97 02 5	980 xx	78 7 00	35 21 2	...		
Caltex	43 192	582 06	0 33 22	97 02 0	986 72	00 9 00	...	...	0 03 68	1 23 13
World Heath	43 204	646 09	7 23 29	97 02 3	026 82	75 6 00	33 60 7	...	0 04 79	1 23 x4
Caledonia	43 221	683 09	8 25 13	97 02 2	989 81	87 4 xx	75 40 0	...	0 32 75	1 25 xx
Moordrecht	43 221	625 12	8 23 16	97 02 2	954 81	84 4 xx	...	...	0 51 75	1 22 22
World Heath	43 202	649 12	6 23 20	97 02 2	020 81	67 6 30	33 60 6	...	0 52 75	1 23 x4
Isidora	43 210	597 18	0 18 16	98 00 0	976 73	00 9 00	46 20 6	...	0 32 68	1 18 22
Moordrecht	43 216	617 18	3 20 15	97 01 1	960 77	32 5 00	...	...	0 52 73	1 20 22

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTT$T_dT_dT_d$	1000 mb HHHTTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	...	Misda	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	995 272 255	...	...	380 242 999	...	081 175 999	387 038 999	844 550 999	589 638 999	973 755	253 975	437 135	...
Lahore ...	00 00	994 275 265	...		412 205 172	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	957 285 282		...	400 230 230	...	058 135 135	340 062 062	809 550 550	540 622 999	650 740	507 915	...	
Quetta ...	00 00	823 215 172	Misda	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...													
Karachi ...	00 00				...	...	...	...	...	...	150 135 999	...	...
Lahore ...	00 00	900 240 210	800 175 152	775 148 138	...	...	...	...	...	...	775 148 138	...	...
Multan ...													
Peshawar ...	00 00	900 252 252	800 190 190	350 655 999	250 815 999	190 942 999	...	...	...	...	190 942 999	...	...
Quetta ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...

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

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

UPPER WIND DATA*

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

Heights in Kms. a.s.l. → STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)
Bogra ...	11 05	12 09	12 12	14 13					
Chaklala ...	...	19 06	23 03	30 02	26 03	31 08	33 19	31 16	29 17
Chhor ...	19 15	20 16	20 15	24 09	...	...		...	...
Chittagong ...	18 26	19 27	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent					...	...	...
Dacca ...	13 07	15 11	15 13	17 09	16 10	16 08	...	...	...
Dalbandin ...	...	...	31 08	31 09	34 09	34 17	31 15	30 14	32 09
D. I. Khan ...	...	...	...				...	...	...
Drosh ...	...	...	...		21 13	21 13	...	...	
Fort Sandeman ...	...	...	...	11 09	16 09	28 05			...
Jacobabad ...	13 08	13 08	09 07	07 08	01 11	32 09	31 12	29 13	
Jessore ...	20 07	21 10	21 09	18 09					
Jhelum ...	02 01	01 01	36 01	18 01	33 08	30 13	22 10	22 10	27 21
Jiwani ...	22 06	23 03	09 05	08 05	06 08	05 14	05 13	05 16	...
Karachi ...	24 09	28 09							
Khanpur ...	14 02	11 03	11 04	13 07	18 05	33 10	34 15	34 18	33 16
Lahore ...	34 03	33 03	33 04	33 11	35 07	35 10	35 05	27 02	31 06
Multan ...	19 06	17 08	16 11	12 09	24 04	05 02	35 08	34 13	34 20
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...						...	...
Peshawar ...	...	15 06	14 08	14 08	15 12	22 07	22 16		...
Quetta ...	...	...	...	...	24 09	12 08	33 13	31 10	31 11
Sharjah ...									
Sylhet ...	17 13	17 15	17 22	15 13	14 13	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

STATION	0.3 (11)	0.6 (12)	0.9 (13)	1.5 (14)	2.1 (15)	3.0 (16)
Bogra ...	19 12	19 10	18 07	...	...	...
Chaklala ...	...			...	...	...
Chhor ...	23 19	24 17	19 10	...	...	...
Chittagong ...	15 19	...	...	...	...	...
Cox's Bazar ...		...	...			...
Dacca ...	20 11	21 09	20 08	21 09	19 08	15 07
Dalbandin ...	...	...	27 07	26 10	24 13	32 23
D. I. Khan ...	...	...	...			
Drosh ...	...	...	...	06 02	03 12	...
Fort Sandeman ...		...		27 01	20 02	28 07
Jacobabad ...	18 10	17 06	07 07	04 07	08 04	31 11
Jessore ...	23 12	23 15	21 13	21 11		
Jhelum ...	08 02	13 03	13 03	09 02	32 10	33 15
Jiwani ...	14 06	...				
Karachi ...	27 14	27 15	...	...	...	...
Khanpur ...	21 15	25 10	29 04	10 06	15 11	18 05
Lahore ...	07 07	07 04	02 04	01 09	01 09	02 12
Multan ...	13 03	13 02	27 02	06 01	01 05	32 01
Muscat ...	...	...		...	...	...
Panjgur ...	...	...		...	...	...
Peshawar ...	...	...		...		
Quetta ...	...	...	...	...	17 09	19 04
Sharjah ...						
Sylhet ...	16 09	17 13	16 09	...	...	...
Veraval ...	...	...	...	...		

At 0600 hrs. G.M.T. † of date (dd ff)

STATION	0.3 (17)	0.6 (18)	0.9 (19)	1.5 (20)	2.1 (21)	3.0 (22)	4.5 (23)	5.4 (24)	6.0 (25)	7.2 (26)	9.0 (27)
Bogra ...	15 09	16 12	16 13	16 15	...	...	...	...	...	...	...
Chaklala ...	...					...		...	...	...	...
Chhor ...			...	...	...	...		...		...	...
Chittagong ...	19 13	19 08			...	...	...	...	...	...	...
Cox's Bazar ...	23 15	23 17	24 17	24 15	...	...	...	...	...	...	...
Dacca ...	15 09	16 13	17 12	...							...
Dalbandin ...	...	...	25 06	25 06	27 07	25 09	32 14	01 03	08 12	06 21	06 [illegible]
D. I. Khan ...	...	...	...	...							
Drosh ...	...	...	...	...	23 07	21 07	20 09	15 07	04 03	35 06	02 [illegible]
Fort Sandeman ...				20 01	16 01	34 06			...	...	...
Jacobabad ...	13 02	11 05	07 06	08 06	04 04	xx xx	02 13	02 08		...	...
Jessore ...	17 04	18 02								...	...
Jhelum ...	18 03	28 02	32 03	32 06	32 07	01 07	27 11	29 15	29 18	...	...
Jiwani ...	09 10	11 06	...	...	...	...			...	...	...
Karachi ...	26 13									...	...
Khanpur ...	22 06	22 04	19 02	14 05	13 10	02 05	36 09	04 16	05 13		...
Lahore ...	09 01	09 03	04 03	01 07	01 09	02 10	35 10	31 04	30 11	28 07	25 [illegible]
Multan ...	32 04	33 04	33 02	31 02		...	...	...		...	...
Muscat ...	...		...	...	...	...	...	...		...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...		...	...			...	...		...
Quetta ...				...	07 05	17 03	31 08	01 13	01 11	31 05	...
Sharjah ...										...	...
Sylhet ...	19 05	17 06	16 06	15 07	16 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. → STATION.	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)	7.2 (11)	9.0 (12)	10.5 (13)	12.0 (14)	14.1 (15)	16.2 (16)	18.0 (17)	21.0 (18)	24.0 (19)
Chittagong ...																		
Dacca ...	Misda																	
Karachi ...	26 17	27 12	29 04	31 08	31 08	36 12	35 13	36 15	06 14	07 24	07 24	08 23	08 25	08 49	08 46	09 51	...	...
Peshawar ...	.	30 15	32 05	33 07	33 12	31 12	32 15	23 25	25 21	25 27	28 26	27 21	27 25			..	...	...
Quetta ...																	...	...

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

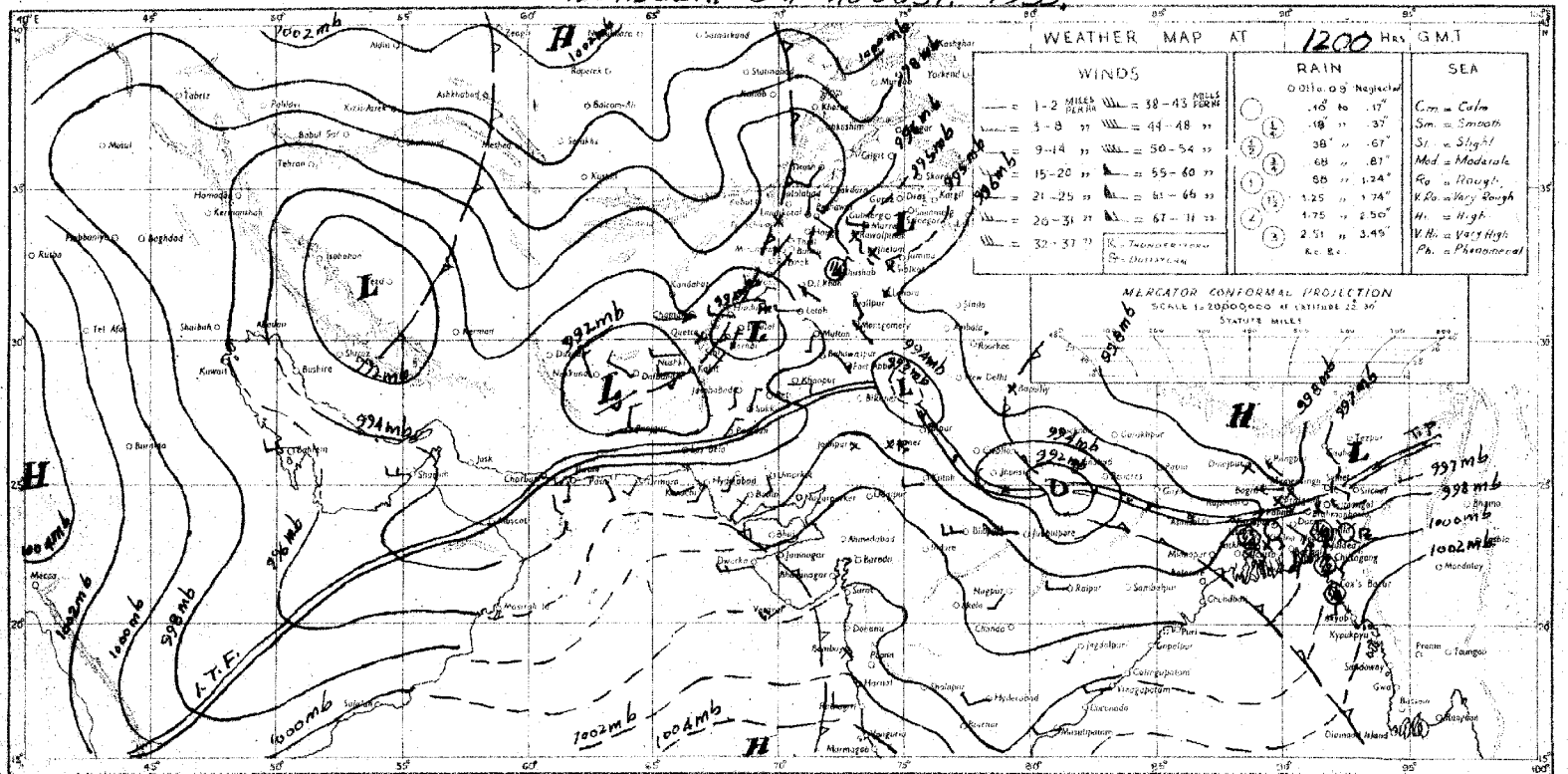
Cloud observation Data (GGiii Cddv,v,etc.)

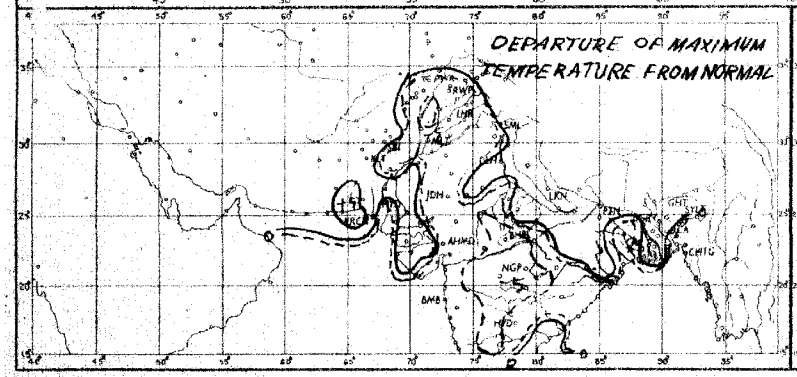
12 661 02 712 12 571 03 012

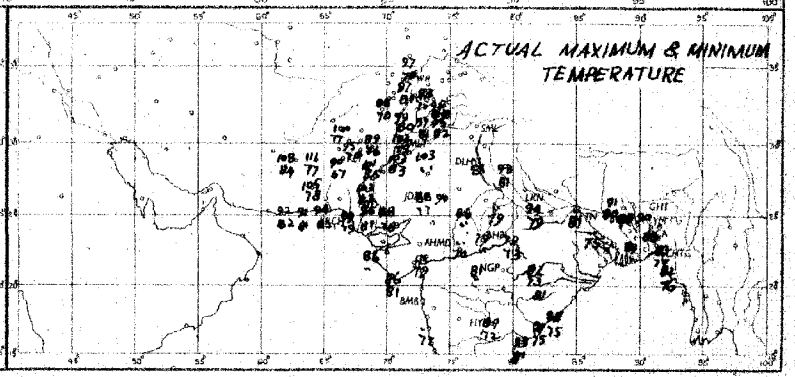
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 5th AUGUST, 1959.







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

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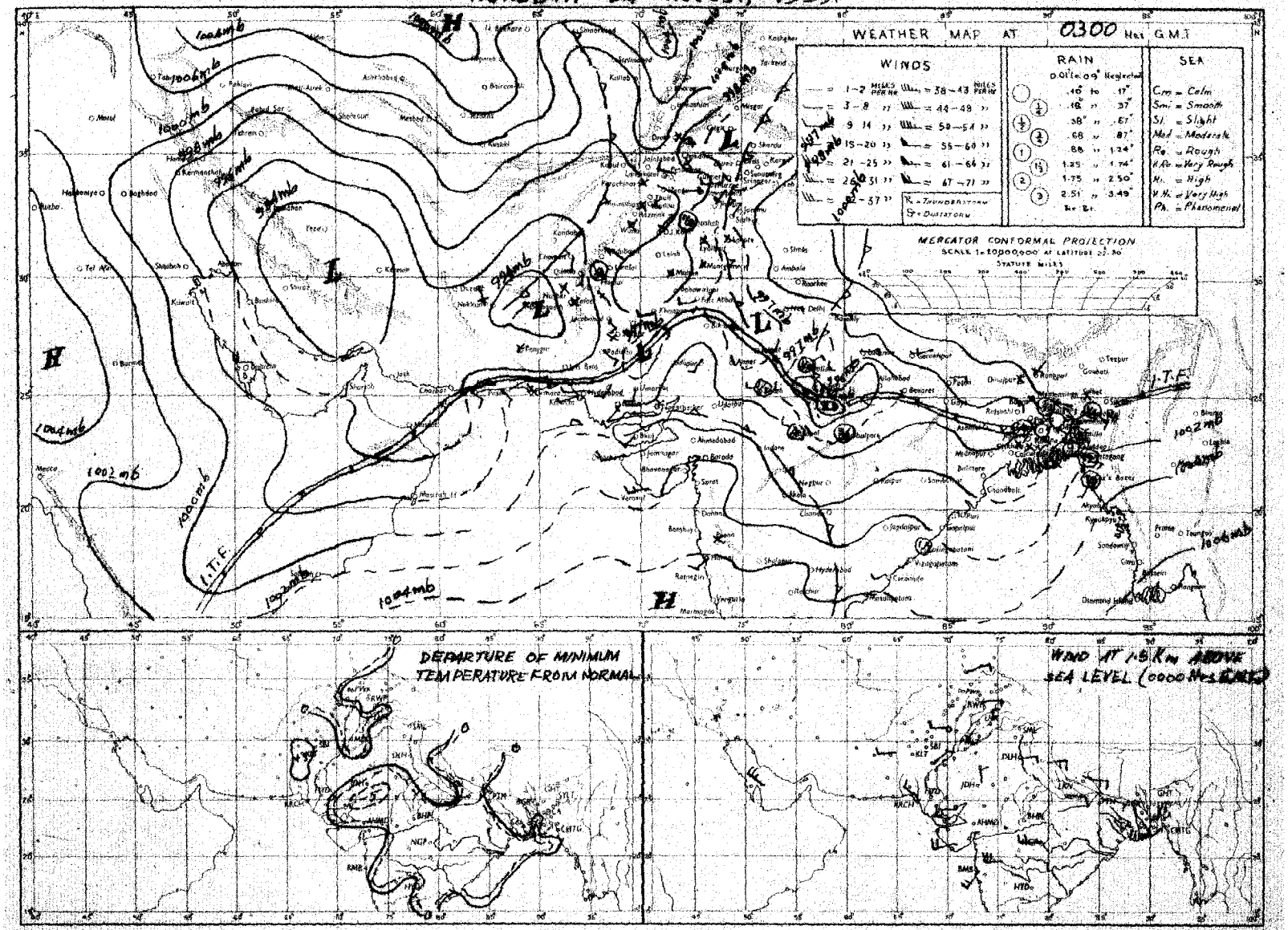
PAKISTAN DAILY WEATHER MAP

THURSDAY 6th AUGUST, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

FRIDAY THE 7th AUGUST 1959.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's depression moved northwestwards and is centred at 07,0300 G. M. T. near Jhansi. It is likely to continue move northwestwards and weaken.

The low over west Rajasthan became un important.

The low pressure wave is moving across Kashmir with its trough extending to Rawalpindi division.

Scattered thunderstorms/showers have occurred in peshawar division and scattered dust/thunderstorms in Multan, Bahawalpur, D. I. Khan and Hyderabad divisions

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

Chief amounts of rainfall are: Cox's Bazar 3"; Bogra 1"; Chittagong, Sylhet, Srimangal and Sirajganj ½" each; Faridpur and Chakdara ¼".

Day temperatures were nearly normal in the country.

Forecast valid until the evening of 8th August 1959. Fairly widespread rain/thundershowers will occur in Chittagong division local in Daoca, Rajshahi, Lahore, Rawalpindi divisions and Kashmir and scattered in Peshawar, D. I. Khan and Multan divisions.

Heavy Rainfall Warning: Locally moderate to heavy rain in likely to occur in Chittagong division during the next 24 hours.

Karachi-11
The 7th August 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's bazar	613	9	8	20	05	95	51	6	996	79	1	4	3	2	x	78	82
	Chittagong	015	9	8	16	09	95	62	6	984	78	8	7	3	x	x	77	84
	Maijdee Court	000	9	6	18	02	97	02	1	978	83	4	5	6	3	0	77	85
	Comilla	000	0	6	18	06	96	03	0	970	85	6	4	5	0	0	78	88
	Brahmanbaria	000	0	6	13	03	97	03	1	970	84	4	4	5	1	7	78	88
	Sylhet	000	0	7	00	00	97	03	1	969	87	4	4	6	6	1	79	91
	Srimangal	044	2	7	00	00	94	60	6	976	81	7	4	4	0	0	80	89
Dacca	Mymensingh	000	0	8	09	02	98	02	3	968	86	8	7	5	x	x	79	89
	Narayanganj	000	9	8	11	03	96	03	2	966	85	1	1	6	3	8	79	89
	Dacca (Tezgaon)	000	0	6	6	03	98	01	2	958	85	3	4	4	7	1	79	88
	Faridpur	036	2	7	16	05	96	61	6	957	86	6	4	6	1	0	79	89
	Barisal	000	0	7	18	01	97	03	2	969	85	7	0	8	4	0	79	87
Rajshahi	Khulna	000	0	6	00	00	97	01	2	968	86	6	4	7	0	0	77	89
	Satkhira	000	0	5	00	00	96	03	1	964	86	5	6	8	0	0	78	90
	Jessore	000	0	4	18	02	96	03	0	971	85	4	4	5	0	0	81	90
	Sirajganj	000	0	8	18	02	98	02	2	948	87	0	0	9	0	4	86	90
	Bogra	007	8	7	16	03	96	03	6	956	87	3	4	5	1	8	79	90
	Dinajpur	000	9	6	09	00	96	02	2	957	89	6	0	9	2	0	78	90
	Rangpur	000	0	7	13	02	96	01	2	xxx	87	7	5	6	0	0	77	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	0	2	00	00	96	02	0	939	97	0	0	9	0	6	77	97
	Sialkot	000	1	5	00	00	97	03	1	928	95	6	5	6	0	0	80	97
Rawalpindi	Jhelum	000	8	5	36	03	96	03	1	931	96	2	2	7	1	6	60	97
	Rawalpindi	003	0	1	20	02	99	01	1	923	93	1	0	9	8	0	79	95
	Khushab	000	0	3	27	02	99	03	5	946	86	3	3	6	0	0	77	97
Multan	Lyallpur	000	0	7	00	00	96	03	9	934	96	7	7	8	0	0	79	00
	Montgomery	000	0	6	00	00	96	03	2	939	99	3	3	7	0	0	75	02
	Multan	000	0	2	00	00	98	01	0	932	04	0	0	9	0	1	73	05
Bahawalpur	Leiah	000	0	6	00	00	95	03	1	970	00	4	2	8	2	0	81	04
	Khanpur	000	0	0	34	03	96	03	0	971	05	0	0	9	0	0	86	06
	Bahawalpur																	
	Fort Abbas	000	0	2	05	05	98	01	1	928	00	2	0	8	1	0	79	06
Peshawar	Chakdara	000	0	1	23	03	99	01	1	933	93	1	1	7	0	0	89	95
	Peshawar	000	0	2	05	10	97	05	0	933	99	2	9	6	3	0	75	01
	Haripur	000	3	2	23	02	97	01	2	993	81	2	6	6	0	0	73	92
	Campbellpur	000	0	1	20	07	98	00	0	951	95	0	0	9	0	0	72	96
D. I. Khan	Bannu	000	0	3	13	02	99	01	1	931	96	3	0	9	5	0	75	96
	D. I. Khan	000	6	0	05	02	98	00	0	929	97	0	0	9	0	0	83	01
Quetta	Sibi	000	0	0	23	02	99	00	0	932	04	0	0	9	0	0	74	05
Kalat	Nokkundi	000	0	0	31	02	95	05	0	920	09	0	0	9	0	0	38	11
	Turbat	000	0	0	27	02	96	00	0	953	04	0	0	9	0	0	81	04
	Jiwani	000	0	2	13	16	96	02	2	959	99	1	0	9	3	1	77	91
	Pasni	000	0	0	13	12	97	00	0	965	89	0	0	9	0	0	80	91
	Ormara	000	0	0	27	07	98	00	0	965	90	0	0	9	0	0	77	95
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	25	09	97	03	2	966	87	7	0	9	3	0	80	89
	Karachi (Air Port)	000	0	8	23	12	96	02	2	965	86	8	6	4	x	x	77	88
	Badin	000	9	6	23	02	96	03	2	961	81	4	6	7	6	0	77	89
	Nagarparker	000	0	6	60	00	96	02	2	965	87	6	7	7	0	0	56	90
	Umarkot	000	0	6	20	09	98	00	0	960	89	4	1	6	0	1	78	92
	Hyderabad	000	0	5	23	05	97	01	2	954	95	2	5	6	2	0	75	99
Khairpur	Pad-i-dan	000	0	1	00	00	97	01	0	938	02	1	1	6	0	0	74	83
	Nawabshah	000	0	4	18	03	96	02	1	951	99	3	2	6	1	0	82	01
	Sukkur	000	0	0	00	00	96	00	0	936	02	0	0	9	0	0	84	03
	Kashmore	000	0	0	00	00	99	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Jacobabad	000	0	0	18	05	96	02	0	940	01	0	0	9	0	0	74	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	000	0	6	09	07	98	01	2	056	53	0	0	9	0	1	39	78
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	8	7	29	03	97	02	1	402	72	7	9	3	0	0	65	74
Peshawar	Drosh	000	0	3	23	12	97	03	0	365	93	3	2	7	0	0	49	99
	Cherat	000	0	1	13	0.	98	17	0	390	82	1	2	6	0	0	77	86
	Kakul	000	6	2	31	03	97	05	1	398	82	2	2	6	0	0	69	85
	Landi Kotal	000	0	2	13	03	99	02	0	387	90	2	2	7	0	0	68	92
D. I. Khan	Parachinar	000	0	2	09	02	99	00	0	796	82	2	0	9	1	0	65	xx
	Miranshah	000	0	6	05	02	99	03	0	391	92	6	2	7	0	0	75	93
	Wana	000	0	7	09	09	98	00	3	482	85	7	5	8	0	0	65	92
	Fort Sandeman	000	0	5	27	05	98	03	0	392	96	5	2	6	0	0	63	96
Quetta	Hindubagh	000	0	0	05	01	98	00	0	342	97	0	0	9	0	0	51	97
	Loralai	000	0	2	13	02	98	02	1	464	89	0	0	9	0	3	89	89
	Harnai	000	0	0	27	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	3	18	02	96	01	0	364	92	3	2	7	0	0	76	92
	Chaman	000	0	0	34	03	98	00	0	309	99	0	0	9	0	0	32	01
	Kalat	000	0	5	20	12	97	02	2	382	98	5	1	7	0	0	55	91
Kalat	Nushki	000	9	4	37	09	96	02	0	431	65	0	0	9	0	3	43	06
	Dalbandin	000	8	1	13	03	97	61	1	391	05	0	0	9	0	1	47	06
	Panjgur	000	0	0	36	05	98	00	0	420	01	0	0	9	0	0	64	02
Afghanistan	Kabul																	
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's bazar	312	9	8	11	03	94	61	6	010	78	7	4	4	2	x	78	76
Chittagong	060	9	7	13	02	97	02	6	003	80	5	4	5	2	0	77	77
Maijdee Court	010	8	5	00	00	97	01	2	995	84	2	1	9	2	0	77	78
Comilla	005	5	8	00	00	97	02	6	996	84	8	4	5	x	x	78	77
Brahmanbaria	000	0	6	13	05	97	03	1	995	85	6	4	5	0	0	79	79
Sylhet	062	9	8	13	05	96	03	6	999	82	3	4	6	3	x	77	79
Srimangal	044	0	6	18	03	96	03	2	999	84	4	4	5	0	2	76	76
Mymensingh	000	0	8	09	02	98	02	2	993	84	8	7	4	x	x	78	80
Narayanganj	000	9	8	12	02	96	03	2	989	85	8	7	4	x	x	77	82
Dacca (Tezgaon)	000	9	7	18	05	97	02	2	982	86	5	4	5	7	1	80	81
Faridpur	036	9	7	16	02	97	03	0	980	86	5	7	7	1	0	81	80
Barisal	000	0	6	13	01	97	03	2	985	86	6	0	8	4	0	81	81
Khulna	000	0	7	00	00	96	03	2	991	86	7	5	6	0	0	81	81
Satkhira	000	0	8	00	00	95	03	2	987	86	x	x	8	x	x	79	82
Jessore	008	0	8	23	03	96	03	2	984	85	8	5	5	x	x	81	81
Sirajganj	062	9	8	00	00	97	02	5	973	84	8	7	5	0	0	81	79
Bogra	110	6	8	09	02	96	61	6	982	79	6	7	4	2	x	79	77
Dinajpur	000	0	8	09	02	96	02	2	978	86	8	5	6	x	x	88	80
Rangpur	000	0	7	09	02	96	02	5	xxx	84	7	5	6	0	0	78	80
Jammu																	
Lahore (Jail Rd)	000	0	0	00	00	96	01	0	953	91	0	0	9	0	0	81	84
Sialkot	000	2	3	05	03	98	01	1	955	64	3	3	6	0	0	85	82
Jhelum	000	0	2	13	03	96	02	0	950	89	1	1	7	0	1	82	84
Rawalpindi	000	0	4	27	02	99	01	1	954	88	2	0	9	5	8	77	81
Khushab	000	0	5	00	00	99	03	1	963	85	5	3	6	0	0	84	81
Lyallpur	000	0	0	16	02	96	00	9	947	90	0	0	9	0	0	79	86
Montgomery	000	0	0	00	00	96	00	0	975	90	0	0	9	0	0	79	85
Multan	000	0	6	13	03	97	03	0	944	90	2	5	6	3	1	80	89
Leiah	000	0	3	00	00	97	03	2	916	90	3	4	8	0	0	83	85
Khanpur	000	0	0	20	05	96	03	0	943	89	0	0	9	0	0	83	85
Bahawalpur																	
Fort Abbas	000	0	0	25	07	98	00	0	951	91	0	0	9	9	0	78	73
Chakdara	026	3	8	09	03	97	03	6	958	74	8	6	7	x	x	71	71
Peshawar	000	0	1	26	05	97	01	0	952	86	1	1	6	3	0	77	82
Haripur	000	0	4	05	02	96	00	0	926	88	3	5	6	0	6	81	81
Campbellpur	030	0	8	03	02	98	03	0	xxx	xx	8	3	6	x	x	81	81
Bannu	000	2	8	00	00	98	00	0	952	86	8	5	6	x	x	79	83
D. I. Khan	000	0	0	05	02	98	00	0	941	88	0	0	9	0	0	81	82
Sibi	000	0	0	18	02	99	00	0	944	90	0	0	9	0	0	77	82
Nokkundi	000	0	0	34	05	98	02	0	941	91	0	0	9	0	0	38	87
Turbat	000	0	6	23	02	96	03	0	994	84	6	0	9	6	0	78	xx
Jiwani	000	0	7	01	00	96	02	2	982	83	7	5	5	0	0	77	83
Pasni	000	0	8	23	02	97	03	0	981	84	8	5	7	x	x	78	82
Ormara	000	0	8	27	02	98	03	1	980	85	9	0	9	2	x	79	83
Las Bela																	
Karachi (Manora)	000	8	8	25	09	94	10	2	981	82	8	6	4	x	x	79	80
Karachi (Air Port)	000	2	8	25	05	96	03	5	979	82	5	5	5	3	x	78	79
Badin	000	0	4	23	02	95	02	1	001	81	4	4	7	0	0	77	78
Nagarparker	000	0	6	00	00	96	02	2	987	89	6	7	7	0	0	56	78
Umarkot	000	0	8	20	07	98	03	2	971	80	8	0	9	2	x	76	77
Hyderabad	000	0	7	23	05	97	02	2	968	84	4	6	5	2	0	76	81
Pad-i-dan	000	0	1	16	09	97	02	0	953	85	0	0	9	0	1	77	83
Nawabshah	000	0	1	18	07	96	01	0	960	86	0	0	9	0	1	81	83
Sukkur	000	4	4	20	03	96	03	0	952	85	0	0	9	0	3	79	83
Kashmore	000	0	0	18	12	99	00	0	xxx	87	0	0	9	0	0	79	86
Jacobabad	000	0	2	13	07	96	02	0	953	87	0	0	9	0	8	79	85
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar	000	0	5	00	00	98	01	2	055	62	0	0	9	0	1	38	54
Aliabad																	
Gilgit																	
Murree	000	9	7	27	03	97	02	1	441	68	5	5	2	0	4	63	61
Drosh	000	0	8	00	00	97	02	0	400	81	8	2	6	x	x	61	76
Cherat	000	0	3	00	00	97	03	0	412	77	3	0	9	1	0	73	72
Kakul	000	2	2	23	02	97	01	1	406	70	1	1	7	4	0	67	71
Landi Kotal	000	0	1	05	02	98	03	0	401	81	1	1	7	0	0	69	xx
Parachinar																	
Miranshah	000	0	0	00	00	99	00	0	393	85	0	0	9	0	0	74	77
Wana	003	9	0	00	00	97	60	6	403	77	0	0	9	0	0	63	71
Fort Sandeman	002	0	0	31	02	97	02	0	408	82	0	0	9	0	0	69	77
Hindubagh	000	0	0	23	01	98	00	0	378	81	0	0	9	0	0	54	80
Loralai	000	0	0	00	00	98	00	0	452	75	0	0	9	0	0	69	68
Harnai	000	0	0	27	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	000	0	0	00	00	96	00	0	385	77	0	0	9	0	0	66	68
Chaman	000	0	0	18	03	98	02	0	405	78	0	0	9	0	0	40	74
Kalat	000	0	0	16	02	98	02	0	420	73	0	0	9	0	0	63	61
Nushki	000	0	0	18	09	98	02	0	458	91	0	0	9	0	0	72	85
Dalbandin	000	9	0	00	00	96	02	0	395	86	0	0	9	0	0	46	76
Panjgur	000	0	0	00	00	98	00	0	420	83	0	0	9	0	0	61	78
Kabul																	
Kandahar																	

Departure from Normal of / Rainfall

Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's bazar	— 3	0	79.5	+ 6.9	85.5	140
Chittagong	— 1	+ 1	60.5	+11.5	92.5	108
Maijdee Court	— 1	0	59.6	+ 9.7	91.3	115
Comilla	+ 1	0	28.6	—10.1	54.6	94
Brahmanbaria	—	—	36.7	— 2.6	52.7	76
Sylhet	—		89.8	—	127.2	—
Srimangal	— 1	0	39.8	+ 4.0	73.7	98
Mymensingh	+ 1	+ 2	31.8	— 5.0	62.9	91
Narayanganj	+ 2	+ 3	28.8	+ 0.6	49.8	74
Dacca (Tezgaon)	—	—	30.3	—	46.8	—
Faridpur	+ 2	+ 1	27.2	— 1.4	55.4	71
Barisal	0	+ 3	52.9	+18.0	66.1	81
Khulna	+ 2	+ 3	40.0	+11.2	60.9	68
Satkhira	+ 2	+ 4	27.8	— 0.8	46.2	65
Jessore	—	—	25.5	— 4.6	38.4	65
Sirajganj	+ 3	0	22.7	— 3.9	48.7	64
Bogra	+ 2	— 2	18.9	— 9.8	38.0	69
Dinajpur	+ 2	+ 1	21.6	—10.3	38.0	72
Rangpur	— 1	+ 2	31.5	— 5.1	53.3	84
Jammu						—
Lahore (Jail Rd)	— 1	+ 5	12.0	+ 2.8	15.9	19
Sialkot	+ 2	+ 3	33.3	+20.5	39.2	32
Jhelum	—	—	30.1	—	32.3	—
Rawalpindi	0	+ 5	19.4	+ 7.0	32.5	36
Khushab	— 3	— 1	11.3	+ 5.1	16.8	15
Lyallpur	+ 1	+ 5	6.5	+ 1.6	9.2	12
Montgomery	+ 1	+ 3	1.2	— 3.2	3.5	10
Multan	+ 6	+ 5	4.1	+ 1.0	6.2	7
Leiah	—	—	2.9	—	4.6	8
Khanpur	+ 3	+ 3	0.3	— 2.9	1.8	6
Bahawalpur						6
Fort Abbas	—	—	3.3	—	3.7	4
Chakdara	—	—	8.3	—	18.6	—
Peshawar	+ 2	+ 3	2.2	— 0.1	15.2	14
Haripur	—	—	9.7	—	20.6	
Campbellpur	—	—	13.6	—	17.5	—
Bannu	—	—	9.5	—	16.4	11
D. I. Khan	0	0	9.8	+ 6.4	13.5	10
Sibi	—	—	2.3	—	2.6	-
Nokkundi	—	—	0	—	1.1	2
Turbat	—	—	2.1	—	6.6	
Jiwani	—	—	0.1	—	5.7	4
Pasni	+ 2	+ 5	0	— 0.8	2.5	6
Ormara	—	—	0.1	— 0.6	2.0	86
Las Bela						
Karachi (Manora)	+ 4	+ 1	6.5	+ 2.1	6.5	8
Karachi (Air Port)	—	—	9.3	—	9.6	—
Badin	— 3	— 2	4.6	+ 0.4	4.6	9
Nagarparker	—	—	7.7	—	7.7	—
Umarkot	—	—	10.4	—	11.1	—
Hyderabad	+ 3	+ 2	6.4	+ 2.5	7.1	7
Pad-i-dan	—	—	4.7	—	4.9	—
Nawabshah	—	—	3.0	—	3.7	—
Sukkur	—	—	1.1	—	2.1	4
Kashmore	—	—	—	—	—	—
Jacobabad	— 3	+ 2	3.7	+ 2.1	5.4	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
HILL STATIONS						
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						26
Leh						3
Skardu						6
Misgar	—					—
Aliabad						
Gilgit						5
Murree	+ 2	+ 4	28.1	+ 8.5	53.3	59
Drosh	+ 3	+ 3	1.3	—	30.4	18
Cherat	—	—	4.7	— 1.2	14.7	29
Kakul	—	—	10.9	—	21.8	—
Landi Kotal	—	—	2.5	—	17.5	—
Parachinar						29
Miranshah	—	—	2.6	— 0.5	5.6	13
Wana	—	—	3.7	—	12.6	11
Fort Sandeman	+ 1	+ 3	3.2	— 0.1	11.9	-
Hindubagh	—	—	1.7	—	9.8	-
Loralai	—	—	5.8	—	11.7	14
Harnai	—	—	5.1	+ 0.5	8.4	8
Quetta	—	—	2.8	+ 2.0	8.4	
Chaman	+ 1	— 1	0.1	+ 0.1	6.2	9
Kalat	+ 1	+ 2	0.1	— 0.8	10.3	—
Nushki	—	—	0.4	—	2.2	5
Dalbandin	+ 2	+ 3	0.3	0	2.3	4
Panjgur	0	+ 3	1.2	—	2 9	12
Kabul						—
Kandahar						

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 7th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch h_s	Q T_sT_s T_dT_d	$I_dd_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Saachis	53 239	593 00	0 20 09	98 02 0	948 86	08 9 09	55 41 0	...	0 00 79	1 20 xx
Toohomaru	53 187	662 00	8 23 25	97 02 2	015 81	87 4 xx	75 71 5	...	0 04 73	
World Heath	53 187	667 03	6 23 24	97 02 2	054 81	57 5 20	33 50 0	...	0 51 78	
Isidora	53 186	578 06	8 21 18	97 02 2	010 73	85 3 xx	85 21 0	...	0 04 70	1 23 x3
Toohomaru	53 187	641 06	8 24 22	97 02 2	021 84	86 4 xx	75 20 2	...	0 04 75	1 21 23
Jal Rajendra	53 225	688 06	7 24 10	97 02 2	003 81		—	...		—
Caltex Arnhim	53 231	596 06	2 15 10	97 01 1	966 82	00 9 01		...	0 53 79	1 15 21
Mohamed	53 192	594 06	5 22 17	97 03 1	002 79	55 4 00	15 40 0	...	0 06 75	1 21 35
Caltex London	53 180	672 06	8 22 15	97 02 2	028 81	85 6 xx	34 20 2	...	0 01 75	1 22 06
Moordrecht	53 239	597 06	4 12 04	97 02 0	976 82	40 9 30		...	0 54 77	1 12 20
World Heath	53 183	675 09	8 23 20	97 02 2	060 82	87 5 2x	33 20 6	...	0 04 79	1 23 x4
Islamabad	53 190	628 12	8 25 18	97 02 2	994 80	83 3 2x		...		
World Heath	53 180	679 12	8 23 20	97 02 2	056 81	87 5 xx	33 70 4	...	0 54 75	1 22 xx
Hikonemaru	53 248	62 12	2 18 10	97 02 1	970 88	11 4 10	64 70 5	...	0 02 81	
Isidora	53 180	568 12	2 21 20	97 02 0	990 72	26 3 01	55 81 0	...	0 07 70	1 21 22
Toohomaru	53 206	630 12	8 23 20	97 02 2	990 84	86 3 xx	75 62 0	...	0 03 75	
Caledonia	53 231	646 18	5 25 13	97 03 1	983 82	57 4 00	65 21 0	...	0 51 76	1 25 x5
Hikonemaru	53 249	606 18	2 19 08	97 02 1	970 84	11 41 0	65 31 0	...	0 51 27	
Isidora	53 170	555 18	2 22 22	97 02 0	010 75	26 3 00	55 32 0	...	0 08 71	1 22 22
Moordrecht	53 251	579 18	0 00 00	97 02 0	962 88	00 9 00	—	...	0 51 82	10 0 x0

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	...	Misda											
Jiwani														
Karachi	00 00	995 282 252	707 002 525		850 242 999		086 150 999	315 862 999	714 538 938					
Lahore	00 00	549 285 275			391 232 225		059 145 999							
Multan														
Peshawar														
Quetta	00 00	822 215 142	Misda											

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	Misda											
Jiwani													
Karachi	00 00										xxx xxx xxx		
Lahore	00 00	900 252 242	800 288 200	678 135 999							678 135 999		
Multan													
Peshawar													
Quetta	00 00	Misda											

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. → STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
1	2	3	4	5	6	7	8	9	10
Bogra	13 08	15 08	16 08						
Chaklala									
Chhor	21 07	25 08	18 09	15 07	07 09	06 11			
Chittagong	No	Ascent							
Cox's Bazar	No	Ascent							
Dacca	15 10	16 10	21 08	21 08	19 08	18 07	12 11	12 12	12 12
Dalbandin			22 04	23 03	30 03	01 10	36 09	31 07	36 13
D. I. Khan									
Drosh					22 17	20 17	16 07	15 07	23 17
Fort Sandeman				22 05	21 06	19 03			
Jacobabad	14 04	17 04	17 04	09 14	02 04	08 07	33 10	03 17	03 17
Jessore	20 12	20 14	20 10						
Jhelum	22 05	24 07	25 07	32 13	33 11	34 13	35 12	31 11	30 23
Jiwani	14 08	22 04	22 04	17 05	32 08	33 15	36 12	35 08	33 09
Karachi	25 11								
Khanpur	28 05	26 05	25 06	21 04	16 03	02 12	01 13	03 12	03 15
Lahore	33 01	31 03	36 04	35 08	34 12	36 08	31 09	33 14	31 12
Multan	23 04	28 02	22 01	03 02	04 05	01 09	35 14	32 09	35 14
Mirasat									
Panjgur									
Peshawar									
Quetta					20 04	29 04	04 11	36 08	36 07
Sharjah									
Sylhet	19 06	19 08	18 09	18 11	19 01	19 12			
Veraval									

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

Height in Kms. a.s.l. → STATION	0.3	0.6	0.9	1.5	2.1	3.0
1	11	12	13	14	15	16
Bogra	No	Ascent				
Chaklala						
Chhor	22 16	23 22				
Chittagong	17 22	17 19	16 14			
Cox's Bazar	14 09					
Dacca	20 11	20 07	21 08	21 07	21 04	26 04
Dalbandin			21 01	35 10	35 05	06 01
D. I. Khan						
Drosh				33 02	29 02	20 04
Fort Sandeman				24 02	20 10	30 21
Jacobabad	20 13	22 06	22 03	24 05	28 10	35 12
Jessore	25 11	25 08	28 09			
Jhelum	24 03	18 05	17 04	21 05	28 08	30 12
Jiwani	15 06	15 05				
Karachi	28 14	28 12				
Khanpur	22 25	24 29	25 17	26 23		
Lahore	15 06	20 03	01 02	32 12	33 12	34 12
Multan	21 16	22 13	22 10	24 06	31 04	30 10
Mirasat						
Panjgur						
Peshawar						
Quetta					19 06	29 09
Sharjah						
Sylhet	19 10	19 10	18 06	20 06	19 05	
Veraval						

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

Height in Kms. a.s.l. → STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
1	17	18	19	20	21	22	23	24	25	26	27
Bogra	13 07	14 06	16 05	16 05	17 06						
Chaklala											
Chhor											
Chittagong	18 12	18 13	19 11	18 12							
Cox's Bazar	19 11	20 09	21 07	20 07							
Dacca	18 07	18 08	18 06	19 02	14 02	09 04					
Dalbandin			24 08	02 04	08 01	24 01	33 08	02 23	02 25	34 22	35 11
D. I. Khan											
Drosh					25 07	22 11	18 15	29 08	31 09		
Fort Sandeman				23 02	19 01	31 15	25 10	25 12	30 11		
Jacobabad	18 06	18 05	21 05	16 04	32 05	05 07	28 05	31 03	30 03		
Jessore											
Jhelum	18 03	19 08	21 08	25 08	26 04	24 09	34 21	36 32	01 45		
Jiwani	13 05	05 01	32 03	29 04	31 04						
Karachi	27 12	26 15									
Khanpur	27 07	35 04	03 04	07 13	31 10	31 09					
Lahore	09 03	06 03	03 03	34 04	34 04	33 10	34 12	28 19	29 15	31 12	
Multan	20 11	21 11	21 11	20 10	09 05	34 07	32 13	28 06	28 08	29 00	29 07
Mirasat											
Panjgur											
Peshawar		35 07	36 05	36 01	30 05	28 18					
Quetta					28 03	31 10					
Sharjah											
Sylhet	17 07	18 03	17 06	16 07							
Veraval											

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Misda																	
Karachi	26 18	26 15	28 15	28 14	32 08	01 16	05 15	07 14	07 11									
Peshawar																		
Quetta																		

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

Cloud observation Data (GGIii $Cdd_{v.v.}$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, 6th AUGUST, 1959.

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

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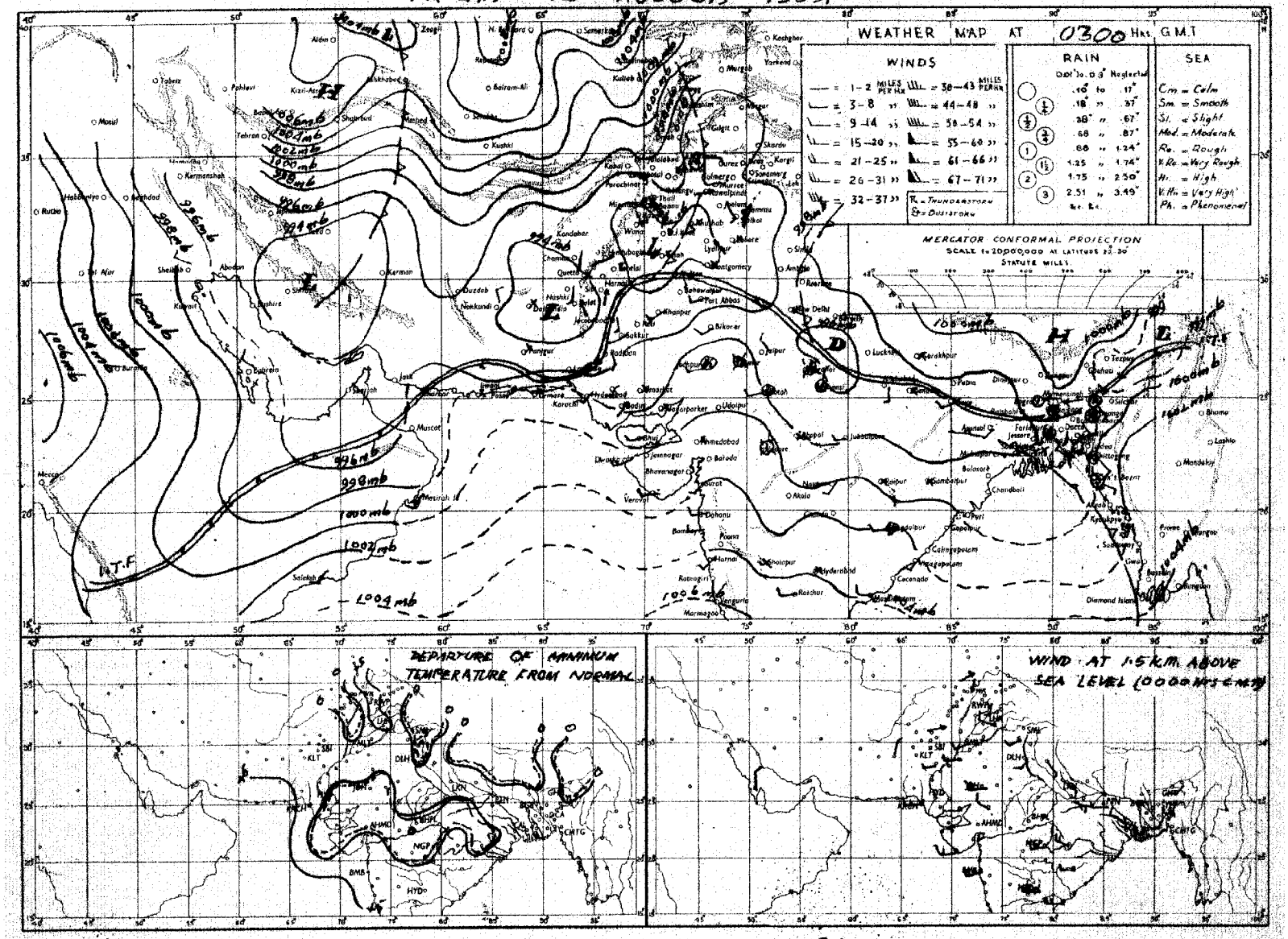
PAKISTAN DAILY WEATHER MAP

FRIDAY, 7th AUGUST, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

SATURDAY, THE 8th AUGUST, 1959.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's depression weakened and now lies as a trough of low over west U. P.

A low lies over East Bengal and Bihar.

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

Yesterday's low pressure wave over Kashmir along with its trough over Rawalpindi division moved away eastwards. It has caused fairly widespread thunderstorm/showers in Rawalpindi division, local in Lahore division and scattered in Multan, Bahawalpur and Peshawar divisions.

A fresh low pressure wave is moving across Peshawar division.

Chief amounts of rainfall are Sylhet 4″; Narayanganj 1½; Dinajpur 1″; Lahore 3/4″ Comilla, Faridpur, Sirajganj and Sialkot ½″ each; Cox's Bazar, Mymensingh and Barisal ¼″ each.

Day temperatures were 3—4 °F below normal in Dacca, Rajshahi, Multan, Bahawalpur and Quetta divisions.

Fore cast valid until the evening of 9th August, 1959 Fairly widespread rain/thundershowers will occur in Chittagong and Dacca divisions and local in Rajshahi division. Scattered thunderstorms/showers are also likely to occur in Rawalpindi, Peshawar divisions and Kashmir.

Heavy Rainfall Warning: Locally moderate to heavy rain is likely to occur in Chittagong and Dacca divisions during the next 24 hours.

Karachi-11
The 8th August 1959.

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

OBSERVATIONS

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

Divisions	Stations	Rainfall in Cents (RRR) 2	Past weather commenced at † (Wt) 4	Total cloud amount (N) 5	Wind direction in tens of degrees (dd) 6	Wind speed in knots (ff) 7	Horizontal visibility † (VV) 8	Present weather † (ww) 9	Past weather † (W) 10	Sea level pressure (mbs. and tenths)* (PPP) 11	Dry Bulb temperature °F (TT) 12	Amount of Lowest Cloud (Nh) 13	Low Cloud form † (CL) 14	Height of Lowest Cloud † (h) 15	Medium Cloud form † (CM) 16	High Cloud form † (CH) 17	Dewpoint temperature °F (TdTd) 18	Maximum temperature °F (TxTx) 19
Chittagong	Cox's Bazar	318	9	8	18	03	55	61	6	987	79	7	4	5	2	x	78	82
	Chittagong	001	7	7	20	09	97	60	6	977	80	5	4	4	2	0	77	84
	Maijdee Court	000	9	4	18	05	98	03	0	967	84	2	1	9	6	0	79	87
	Comilla	000	0	6	18	03	96	03	1	977	86	6	4	5	0	0	79	90
	Brahmanbaria	000	0	4	00	00	97	03	1	961	87	2	4	5	0	8	79	89
	Sylhet	001	7	8	00	00	97	03	6	959	88	2	2	6	6	8	80	89
	Srimangal	002	5	7	00	00	96	03	6	964	87	5	2	4	0	2	80	91
Dacca	Mymensingh	007	3	8	27	02	98	02	5	962	85	8	7	4	1	1	79	91
	Narayanganj	015	7	8	18	0	96	03	6	956	88	1	1	6	2	8	79	89
	Dacca (Tezgaon)	000	9	7	18	03	98	02	2	952	86	2	9	5	0	4	79	89
	Faridpur	059	3	8	16	02	96	02	6	961	86	8	4	6	0	0	79	91
	Barisal	000	0	7	00	00	97	03	2	xxx	xx	7	5	5	8	7	80	89
Rajshahi	Khulna	000	0	7	00	00	97	01	2	962	85	7	5	7	0	0	81	91
	Satkhira	000	0	6	23	02	95	03	2	953	87	6	6	8	0	0	79	92
	Jessore	004	3	8	18	03	96	03	6	965	82	8	8	5	x	x	79	91
	Sirajganj	000	0	8	00	00	97	02	2	941	84	8	0	9	0	x	80	87
	Bogra	003	5	6	00	00	96	03	5	953	87	3	5	5	0	8	81	89
	Dinajpur	094	6	6	00	00	96	02	6	948	84	3	5	7	1	0	79	90
	Rangpur	000	0	6	13	02	96	01	4	xxx	86	6	5	6	1	1	77	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	5	00	00	96	08	0	924	95	1	1	7	7	2	82	00
	Sialkot	000	1	6	00	00	97	03	1	924	95	6	2	6	x	x	83	98
Rawalpindi	Jhelum	000	4	5	00	00	97	03	9	924	94	2	2	6	1	1	75	97
	Rawalpindi	002	0	7	18	02	99	09	2	919	92	2	2	7	5	0	78	96
	Khushab	000	0	4	00	00	99	01	1	921	96	4	3	6	0	0	79	97
Multan	Lyallpur	000	3	0	16	02	96	00	9	937	92	0	0	9	6	0	74	01
	Montgomery	000	0	0	00	00	96	00	0	927	05	0	0	9	1	0	74	06
	Multan	000	0	1	18	03	98	02	0	916	02	1	0	9	3	0	81	03
Bahawalpur	Laiah	000	0	2	18	02	94	09	1	900	98	0	0	8	1	0	81	05
	Khanpur	000	0	0	27	07	96	06	0	910	06	0	0	9	0	0	85	08
	Bahawalpur	000	0	0	25	03	98	00	0	922	96	0	0	9	0	0	76	08
	Fort Abbas																	
Peshawar	Chakdara	000	0	0	27	02	99	02	1	898	92	0	0	9	0	0	89	94
	Peshawar	000	0	1	05	05	97	02	1	916	98	1	9	6	0	0	75	99
	Haripur	000	0	0	23	02	97	00	0	925	89	0	0	9	0	0	81	91
	Campbellpur	000	0	0	18	03	98	00	0	939	95	0	0	9	0	0	83	96
D. I. Khan	Bannu	000	0	3	10	02	99	01	2	916	97	3	1	6	0	0	74	98
	D. I. Khan	000	0	0	04	02	98	03	0	906	99	0	0	9	0	4	82	01
Quetta	Sibi	000	0	0	18	02	99	00	0	907	06	0	0	9	0	0	75	08
Kalat	Nokkundi	000	0	0	34	05	95	05	0	903	09	0	0	9	0	0	35	10
	Turbat	000	0	0	27	02	96	00	0	941	04	0	0	9	0	0	84	06
	Jiwani	000	0	5	13	10	96	03	0	957	86	0	0	9	0	1	77	89
	Pasni	000	0	4	20	14	97	00	0	958	88	4	5	7	0	0	80	91
	Ormara	0[illegible]0	0	6	23	07	98	07	1	958	90	6	0	9	2	0	78	93
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	12	97	03	2	963	86	6	6	4	0	0	81	89
	Karachi (Air Port)	008	0	8	23	12	96	03	2	964	85	5	5	2	x	x	78	88
	Badin	000	6	9	23	02	96	03	2	979	86	0	9	7	0	0	77	87
	Nagarparker	000	0	6	00	00	96	38	8	961	85	6	7	7	0	0	57	92
	Umerkot	000	0	8	20	10	98	00	0	954	87	8	0	9	2	0	78	89
	Hyderabad	000	0	4	23	07	97	01	1	945	94	2	5	6	2	0	75	98
Khairpur	Pad-i-dan	000	0	1	16	07	97	02	0	921	03	0	0	9	0	1	73	04
	Nawabshah	000	0	0	18	12	96	02	0	930	99	0	0	9	0	0	77	02
	Sukkur	000	8	1	20	05	96	01	0	915	03	0	0	9	0	1	76	05
	Kashmore	000	0	0	18	07	99	00	0	xxx	xx	0	0	9	0	0	73	xx
	Jacobabad	000	0	0	18	07	96	04	0	916	04	0	0	9	0	0	75	04
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	012	4	5	00	00	97	02	6	398	72	5	3	3	0	0	58	76
Peshawar	Drosh	000	0	1	23	10	98	01	0	342	96	1	1	7	0	0	48	00
	Cherat	000	0	2	23	01	98	02	0	392	83	1	1	6	1	0	78	86
	Kakul	004	7	3	29	0[illegible]	97	01	6	393	83	2	2	6	0	2	68	94
	Landi Kotal	000	0	2	13	03	98	03	0	387	89	2	5	7	0	0	68	93
	Parachinar	000	3	4	00	00	99	00	1	794	73	0	0	9	1	0	63	xx
D.I. Khan	Miranshah	000	0	0	05	02	99	00	0	381	92	0	0	9	0	0	25	93
	Wana	005	1	2	09	05	98	60	1	382	83	2	0	9	4	0	69	91
	Fort Sandeman	000	0	4	13	05	98	03	0	376	97	4	2	6	0	0	64	01
Quetta	Hindubagh	000	0	0	27	02	98	00	0	328	96	0	0	9	0	0	46	95
	Loralai	000	0	3	13	05	98	02	1	487	91	0	0	9	0	3	66	92
	Harnai	000	0	0	27	00	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	31	02	97	00	0	347	93	0	0	9	0	0	76	98
	Chaman	000	0	0	27	02	98	00	0	388	03	0	0	9	0	0	13	03
Kalat	Kalat	000	0	0	34	05	98	02	0	381	87	0	0	9	0	0	45	90
	Nushki	000	0	0	31	09	98	02	0	432	07	0	0	9	0	0	74	09
	Dalbandin	000	0	0	23	07	97	02	0	393	07	0	0	9	0	0	53	09
	Panjgur	000	0	0	31	05	96	04	0	419	02	0	0	9	0	0	61	03
Afghanistan	Kabul	000	0	0	27	02	99	00	0	431	92	0	0	9	0	0	56	92
	Kandahar																	

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

Stations	Rainfall in Cents (RRR) 20	Past weather commenced at † (Wt) 21	Total cloud amount (N) 22	Wind direction in tens of degrees (dd) 23	Wind speed in knots (ff) 24	Horizontal visibility † (VV) 25	Present weather † (ww) 26	Past Weather † (W) 27	Sea level Pressure (mbs. and tenths)* (PPP) 28	Dry Bulb temperature (TT) 29	Amount of Lowest Cloud † (Nh) 30	Low Cloud Form † (CL) 31	Height of Lowest Cloud † (h) 32	Medium Cloud form † (CM) 33	High Cloud form † (CH) 34	Dewpoint temperature °F. (TdTd) 35	Minimum Temperature °F (TnTn) 36	Departure: Maximum Temperature (TxTx) 37	Departure: Minimum Temperature (TnTn) 38	Rainfall: Since 1st June 1959 to date 39	Departure from normal 40	Since 1st January 1959 to date 41	Annual normal 42
Cox's Bazar	026	9	3	13	05	96	01	6	010	83	1	5	6	5	2	79	xx	— 3	x	79.8	+ 6.3	95.7	140
Chittagong	001	0	6	16	05	97	02	2	001	85	3	4	6	2	0	79	77	— 5	+ 1	60.5	+10.9	92.5	100
Maijdee Court	015	7	8	00	00	94	02	6	003	89	2	5	6	2	x	88	77	+ 1	— 1	59.8	+ 9.0	91.6	115
Comilla	045	2	8	00	00	97	00	6	006	80	8	4	5	x	x	79	78	+ 3	+ 1	29.0	−10.3	55.0	94
Brahmanbaria	0[illegible]0	0	8	13	05	97	03	1	000	82	8	5	5	x	x	79	79	—	—	26.7	— 3.0	52.7	76
Sylhet	348	8	8	00	00	96	02	9	004	82	3	4	4	2	x	78	77	—	—	93.3	—	130.7	—
Srimangal	006	9	7	13	03	96	03	9	005	82	5	4	5	4	x	75	78	+ 1	+ 2	39.9	+ 3.6	73.7	79
Mymensingh	020	7	8	13	02	98	02	6	992	83	8	4	5	x	x	79	80	+ 3	+ 2	32.0	— 5.3	43.1	91
Narayanganj	175	9	8	11	02	96	61	5	993	80	8	7	4	x	x	79	80	+ 2	+ 1	30.6	+ 1.9	51.5	74
Dacca (Tezgaon)	000	3	8	18	02	97	17	5	988	81	5	9	4	2	x	78	79	—	—	30.3	—	46.0	—
Faridpur	067	9	8	18	02	96	50	6	979	85	5	7	5	0	x	81	78	+ 4	— 1	27.9	+ 1.1	56.1	71
Barisal	024	7	8	13	02	97	61	6	990	82	8	7	6	x	x	78	79	+ 2	+ 1	53.2	+17.8	66.3	81
Khulna	000	0	8	00	00	95	03	2	989	82	8	5	5	x	x	81	82	+ 4	+ 4	40.0	+ 9.8	60.1	48
Satkhira	000	0	8	09	00	95	03	2	982	85	x	x	8	x	x	81	82	4	+ 4	27.8	— 0.7	46.2	65
Jessore	008	0	8	18	03	96	03	2	978	86	8	4	6	x	x	82	80	—	—	22.6	— 4.9	38.5	65
Sirajganj	045	5	8	00	00	97	21	9	973	83	8	7	5	0	0	80	79	0	0	23.1	— 3.8	49.3	64
Bogra	010	3	8	13	02	96	03	6	981	89	5	6	4	2	0	82	80	+ 1	+ 1	19.0	—10.1	18.1	69
Dinajpur	094	3	5	00	00	96	02	2	976	88	5	5	7	0	0	81	81	2	+ 3	21.5	—11.3	39.9	73
Rangpur	000	0	6	09	02	96	01	2	xxx	84	6	5	6	0	0	80	81	0	+ 3	31.5	— 5.5	53.3	84
Jammu																							—
Lahore (Jail Rd.)	085	7	5	00	00	97	01	9	952	81	4	3	6	3	0	74	77	+ 2	— 2	12.9	+ 4.5	16.7	19
Sialkot	040	1	8	05	03	97	02	6	951	77	8	5	6	x	x	75	71	+ 3	— 4	33.7	+ 0.4	39.6	32
Jhelum	001	3	7	13	2	97	20	5	946	81	2	1	6	7	0	78	81	—	—	30.1	—	32.3	—
Rawalpindi	000	1	3	36	02	99	01	9	946	86	3	0	9	7	0	75	73	+ 1	— 3	19.4	+ 6.7	32.5	34
Khushab	000	0	3	05	02	99	03	1	943	86	3	0	9	7	0	78	79	— 3	— 3	11.3	+ 5.0	16.8	15
Lyallpur	0 0	9	6	01	02	96	02	9	940	85	0	0	9	0	5	70	84	+ 11	+ 3	6.5	+ 1.5	9.2	12
Montgomery	000	0	0	00	00	96	00	0	934	90	0	0	9	0	0	77	87	+ 5	+ 5	1.2	— 2.4	3.5	10
Multan	000	0	9	23	05	97	03	1	930	87	3	5	6	3	1	78	87	+ 4	+ 3	4.1	+ 0.9	6.2	7
Laiah	000	0	6	0	00	95	01	2	919	89	0	0	9	2	0	82	85	—	—	2.9	—	4.8	8
Khanpur	000	0	0	23	09	96	05	0	933	86	0	0	9	0	0	xx	82	+ 5	0	0.3	— 3.0	1.8	6
Bahawalpur	000	0	0	25	02	98	00	0	958	87	0	0	9	0	0	79	xx	—	—	3.3	—	3.7	6
Fort Abbas																							4
Chakdara	000	0	1	00	00	98	01	1	942	78	0	0	8	7	0	73	73	—	—	8.3	—	18.9	—
Peshawar	000	0	0	00	00	96	05	0	931	90	0	0	9	0	0	76	83	0	+ 4	2.2	— 0.2	15.2	14
Haripur	000	5	2	05	04	97	01	5	914	83	0	0	9	0	0	77	76	—	—	9.7	—	20.6	—
Campbellpur	000	4	0	11	13	98	00	0	954	85	0	0	9	0	0	73	8[illegible]	—	—	13.6	—	17.5	—
Bannu	000	0	0	00	00	99	00	0	923	88	0	0	9	0	0	77	87	—	—	9.5	—	16.4	11
D. I. Khan	000	0	0	05	02	98	00	0	924	89	0	0	9	0	0	82	82	0	0	9.8	+ 5.3	13.5	10
Sibi	000	0	0	23	02	99	10	0	933	91	0	0	9	0	0	78	81	—	—	2.3	—	2.6	5
Nokkundi	000	0	0	34	05	97	02	0	942	88	0	0	9	0	0	35	84	—	—	0	—	1.1	2
Turbat	000	0	6	36	02	95	03	0	951	85	0	0	9	6	0	77	xx	—	—	2.1	—	6.6	—
Jiwani	000	0	7	11	03	96	03	2	971	83	7	6	5	0	0	77	81	—	—	0.1	—	5.7	4
Pasni	000	0	8	25	03	97	00	0	969	85	8	5	7	0	0	79	82	+ 2	+ 5	0	— 0.8	2.5	6
Ormara	000	0	8	27	03	98	03	1	975	84	8	4	5	0	0	78	83	—	—	0.1	— 0.6	2.0	86
Las Bela																							
Karachi (Manora)	000	0	8	25	14	96	03	2	965	84	8	6	4	x	x	80	82	+ 4	+ 3	6.5	+ 2.0	6.5	8
Karachi (Air Port)	000	0	7	25	09	96	03	1	965	84	4	6	5	3	0	78	82	—	—	9.3	—	9.6	—
Badin	000	0	0	23	02	96	00	0	983	81	0	0	9	0	0	75	80	— 5	0	4.6	+ 0.2	4.6	9
Nagarparker	000	0	8	00	00	96	02	3	982	87	8	7	7	0	0	65	78	—	—	7.7	—	7.7	—
Umerkot	000	0	0	18	09	98	00	0	958	81	0	0	9	0	0	75	78	—	—	10.4	—	11.1	—
Hyderabad	000	0	8	23	07	97	03	2	955	83	4	6	5	2	0	75	82	+ 2	+ 2	6.4	+ 2.3	7.1	7
Pad-i-dan	000	0	0	13	07	97	01	0	933	84	0	0	9	0	0	77	82	—	—	4.7	—	4.9	—
Nawabshah	000	0	0	18	09	96	01	0	942	86	0	0	9	0	0	77	82	—	—	3.0	—	3.7	—
Sukkur	000	9	0	20	03	96	00	0	941	85	0	0	9	0	0	78	81	—	—	1.1	—	2.1	4
Kashmore																		—	—				—
Jacobabad	000	0	1	11	07	96	02	0	941	86	0	0	9	0	1	77	84	0	+ 1	3.7	+ 2.0	5.4	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							4
Misgar																							—
Aliabad																							
Gilgit																							5
Murree	012	2	5	00	00	98	02	9	399	67	2	5	5	0	0	59	61	+ 4	+ 4	29.2	+ 9.1	53.4	59
Drosh	000	0	1	00	00	98	01	0	384	81	1	1	7	0	0	59	76	+ 4	+ 3	1.3	—	30.4	18
Cherat	000	0	0	31	03	98	00	0	383	76	0	0	9	0	0	73	73	— 1	—	4.7	— 1.4	14.7	29
Kakul	004	9	4	09	02	97	01	1	393	75	4	4	7	0	0	65	70	—	—	11.0	—	21.8	—
Landi Kotal	000	0	0	00	00	98	00	0	384	83	0	0	9	0	0	65	xx	—	—	2.5	—	17.5	—
Parachinar	000	0	0	31	02	99	00	0	794	69	0	0	9	0	0	53	xx	—	—	—	—	—	29
Miranshah	000	0	0	00	00	99	00	0	376	84	0	6	9	0	0	63	78	—	—	2.6	— 0.6	5.6	13
Wana	005	0	0	00	00	97	00	6	382	77	0	0	9	0	0	66	71	—	—	—	—	—	11
Fort Sandeman	002	0	1	23	02	98	03	0	396	81	1	1	7	0	0	69	76	+ 6	+ 2	3.2	— 0.1	11.1	—
Hindubagh	000	0	0	31	01	98	00	0	379	78	0	0	9	0	0	50	78	—	—	1.7	—	9.8	—
Loralai	000	0	0	00	00	98	00	0	473	70	0	0	9	0	0	62	64	—	—	5.8	—	11.7	14
Harnai	000	0	0	06	01	96	00	0	xxx	xx	0	0	9	0	0	x	xx	—	—	5.0	+ 0.3	8.4	8
Quetta	000	0	0	13	02	95	00	0	373	77	0	0	9	0	0	67	66	—	—	2.8	+ 2.0	8.4	7
Chaman	000	0	0	16	02	98	02	0	385	79	0	0	9	0	0	35	72	+ 3	— 3	0.1	+ 0.1	6.2	9
Kalat	000	0	0	00	00	97	02	0	396	76	0	0	9	0	0	47	62	0	+ 3	0.1	— 0.8	10.3	—
Nushki	000	0	0	18	09	98	02	0	440	89	0	0	9	0	0	xx	xx	—	—	0.4	—	2.2	5
Dalbandin	000	0	0	27	03	96	02	0	380	83	0	0	9	0	0	39	77	+ 1	+ 4	0.3	0	2.3	4
Panjgur	000	0	0	00	00	98	00	0	414	79	0	0	9	0	0	70	75	+ 1	0	1.2	—	2.9	13
Kabul	000	0	0	32	00	99	00	0	457	75	0	0	9	0	0	53	55	—	—	—	—	—	—
Kandahar																							

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 8th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_hh_hC_mC_H$	D.V. a PP	8 N, Ch, h_s	O T, T_s T_d	Id.d.PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Tashkessara	63 227	605 00	0 18 13	98 01 1	980 87	08 9 89	75 50 0		0 80 73	
Mohsandi	63 227	644 06	6 22 13	97 02 2	003 86	42 6 30	15 40 0	8 40 97	0 84 79	1 33 33
President Monroe	63 242	662 06	8 23 12	98 00 2	983 78	81 3 xx	56 10 9		0 82 77	1 33 34
Sagia	63 155	709 12	6 25 20	97 02 2	984 82	67 5 xx	33 70 2		0 82 75	1 25 34
Kaaliah	63 079	723 18	6 27 07	98 15 1	115 82	64 4 xx	24 21 2		0 80 79	1 27 32
Chersay	63 151	515 18	0 24 08	98 00 0	054 79	00 9 00	25 21 4		0 86 72	1 24 32
President Monroe	63 223	635 18	8 21 18	98 02 2	983 80	81 3 xx	86 30 7		0 83 74	1 31 35

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T^{v}T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT T^{d}T^{v}T^d								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra														
Chittagong														
Dacca	00 00		Missa											
Karachi	00 00	992 278 242	536 xxx xxx		400 255 995		100 168 995	386 055 995	857 508 992	612 588 995	977 748	259 968	443 148	684 285
Peshawar	00 00	971 272 242	000 038 540		392 230 200		046 115 995							
Quetta														
Sharjah														
Sylhet	00 00	953 295 258			300 245 218		033 152 095	312 052 812	775 528 952	516 588 995	735 778			
Veraval	00 00		Missa											

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT T^{d}T^{v}T^d								Max. Height Reached PPPTTT $T_dT_dT^d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra													
Chittagong													
Dacca	00 00	Missa											
Karachi	00 00										684 285 790		
Peshawar	00 00	900 255 215	800 195 195	678 135 999							800 195 195		
Quetta													
Sharjah	00 00	900 242 222	800 212 185								800 212 185		
Sylhet	00 00	Missa											
Veraval													

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

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

UPPER WIND DATA*

Height in Kms. a.s.l.	At 1200 hrs. G.M.T. † of Previous day (dd ff)										At 0000 hrs. G.M.T. † of date; (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)									
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0		0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bagra											No	Ascent															
Chittagong	14 05	15 07	15 08	15 09	19 06	16 08											11 08	12 09	12 09	12 07	13 07						
Dacca	33 04	27 07	27 07	31 04	26 05	29 14					21 18	23 25	33 28														
Karachi	28 17	21 21									17 17	18 17	19 15	21 14			19 16	18 20	18 13								
Peshawar	29 21	30 22	36 22								17 17						24 16	23 17	23 15								
Quetta	No	Ascent									14 08						16 13	17 21	17 10								
Sharjah	17 15	17 12	17 11	17 08	17 07	16 10	15 09	19 11	09 08		28 17	20 07	21 08	21 07	21 04	26 04			25 13	26 04	15 08	18 03	31 13	35 16	34 20	26 43	
Sylhet			25 06	24 07	25 11	26 12	35 26	01 47	01 44				25 10	30 04	24 03	21 00											
D. I. Khan																											
Drosh					23 10	20 16	12 08	35 06	35 12					23 01	23 05	23 07					14 04	36 17	02 06	09 04	09 04	34 18	
Fort Sandeman			15 03	06 02	01 06	05 19	05 06	04 03						09 01	24 01	29 22				12 01	24 03	28 10	23 13	23 11	20 53	28 18	31 19
Hyderabad	16 08	19 08	30 05	30 04	35 05	34 05	28 09	35 12	35 13		16 10	21 09	28 04	23 09	24 09	30 10	15 03	15 03	20 05	22 11	35 19	28 04	23 03	25 02	25 03		
Jacobabad	23 04	21 07									25 11	25 08	28 09														
Jiwani	33 05	27 08	28 09	32 10	33 11	31 09	31 15	30 20	30 22		01 02	11 02	07 01	32 05	29 13	30 13	15 02	11 10	14 09	26 06	33 04	30 09	32 19	01 29	36 43		
Kandhar	21 08	20 08	19 10								16 04	16 04					13 07	14 02									
Karachi	24 16	25 17									27 17	28 17					26 11	26 12									
Khanewal	24 14	24 14	23 15	21 17	20 16	21 08					23 19	24 26	24 27	25 31	26 25	23 00	21 11	21 10	22 17	21 16	19 18	21 11					
Lahore	28 05	27 08	27 06	28 09	32 10	34 13	32 16	33 15	31 13		27 05	28 07	34 05	25 12			12 03	19 02	24 03	26 03	33 04	30 19	28 16	24 11	26 13	34 20	26 19
Multan	21 09	22 11	21 12	20 09	30 06	31 10	30 11	33 13	31 18								21 11	22 11	22 11	20 09	19 07	32 09	24 13	27 13	26 13	24 12	25 13
Nusrat																											
Panjgur																											
Peshawar		06 07	13 05	18 09	27 08	25 06	32 19	31 18	29 23			34 06	32 07	34 08	34 07	35 06		05 10	36 06	31 10	29 19	28 09	29 08	31 06	22 04	27 13	
Quetta					33 05	30 06	33 11	35 12	33 04						22 05	28 13					28 02	31 07	34 03	35 03	36 06	33 04	33 04
Sharjah																											
Sylhet	13 11	21 08	23 11	24 08							17 13	17 14	16 06	15 06	15 06												
Veraval																	14 05	15 04	17 03								

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Karachi	25 26	27 19	27 16	29 17	33 15	34 09	06 18	33 11	33 05	04 29	03 07	04 10	09 21	09 21	09 27	19 31	18 38	09 47
Peshawar		31 15	33 08	34 07	34 07	33 10	28 10	27 15	31 15	28 29	28 24							
Quetta																		

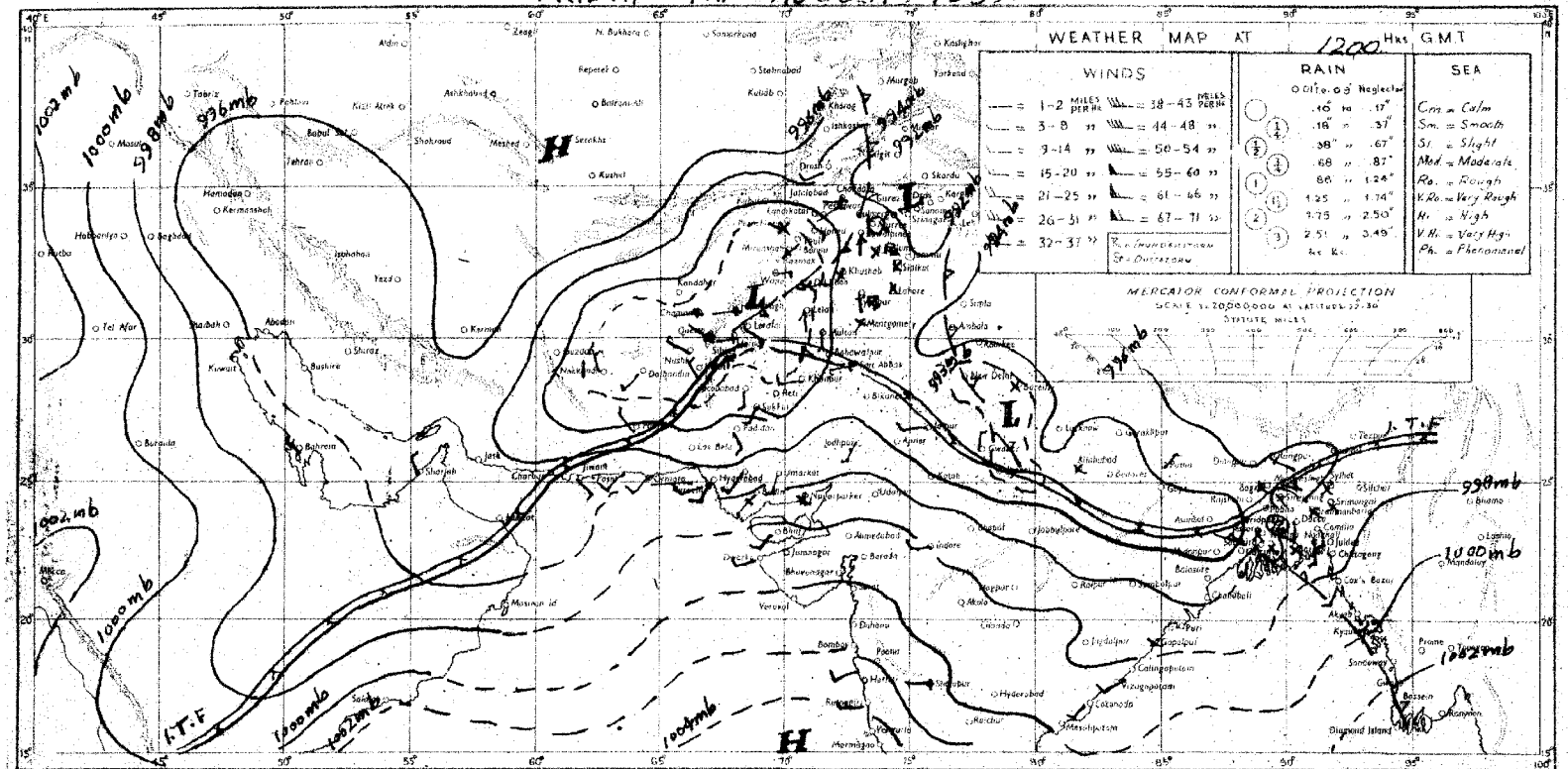
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

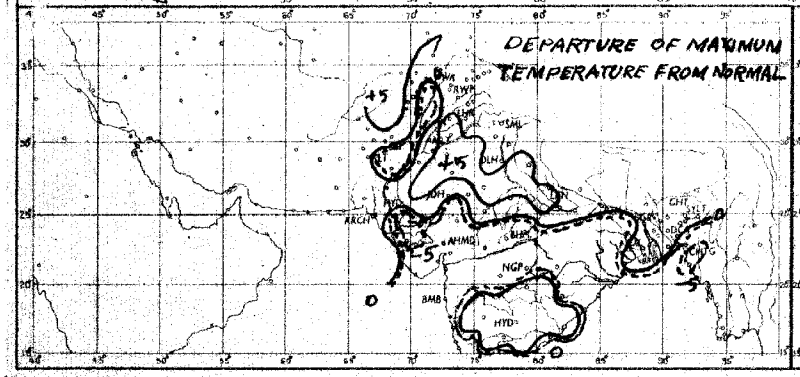
Cloud observation Data (GGiii Cddv,v,etc.)

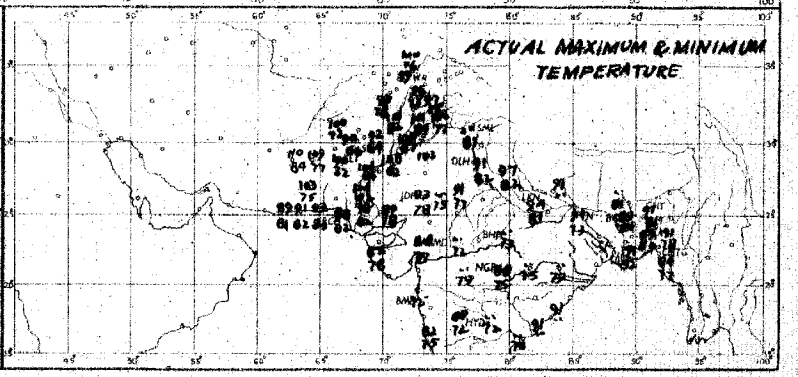
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

FRIDAY 7th AUGUST, 1959.





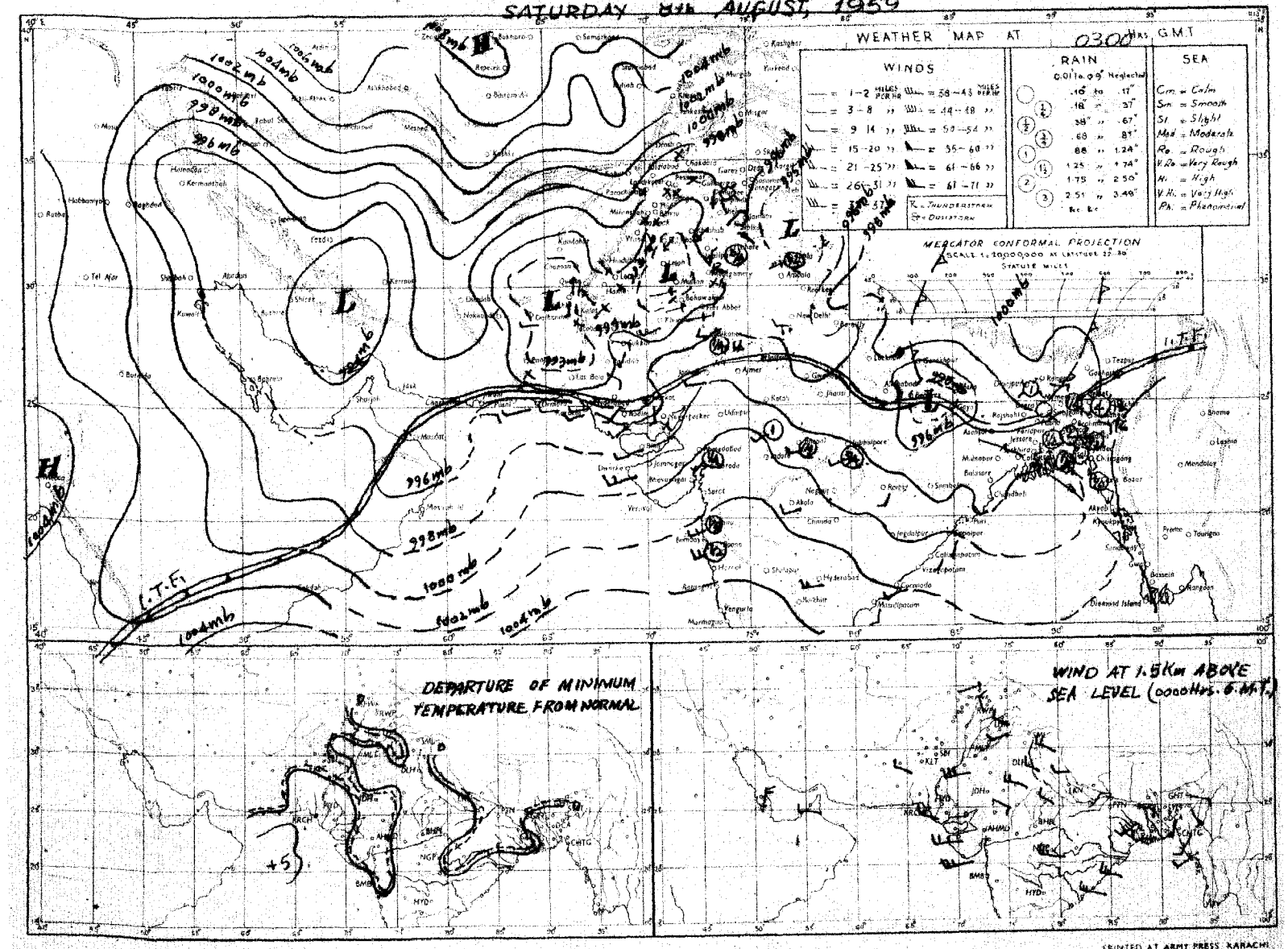


Rainfall amounts indicated in the above chart refer to past 9 hours.

PRINTED AT ARMY PRESS, RAWALPINDI

PAKISTAN DAILY WEATHER MAP

SATURDAY, 8th AUGUST, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

SUNDAY THE 9th AUGUST 1959.

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

Yesterday's low over West Bengal and Bihar persists. In its association rain/thundershowers have been widespread in Chittagong division, fairly widespread in Dacca division and local in Rajshahi division.

Yesterday's low pressure wave is now moving across Rawalpindi division

It has caused local rain/thundershowers in Lahore and D. I. Khan divisions and scattered in Rawalpindi, Multan, Bahawalpur and Peshawar divisions.

A fresh low pressure wave is moving across Afghanistan.

Chief amounts of rainfall are Comilla and Dinajpur 4" each, Maijdee Court 2", Barisal, Bogra and Montgomery 1" each, Khushab andH aripur 3/4" each, Sylhet, Mymensingh, Lahore and Leiah ½" each and Chittagong, Brahmanbaria Rangpur, Bannu and Wana ½" each

Day temperatures were 3—5 °F above normal in Bahawalpur, Multan and Peshawar divisions.

Forecast valid until the evening of 10th August, 1959 Fairly widespread rain/thundershowers will occur in Chittagong and Dacca divisions, local in Rajshahi, Lahore, Rawalpindi divisions and Kashmir and scattered thunderstorms/showers in Peshawar and D. I. Khan divisions.

Karachi-11
The 9th August 1959.

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

OBSERVATIONS

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	5	18	03	96	03	1	988	82	3	3	7	5	2	80	90
	Chittagong	000	0	7	16	05	97	02	2	981	82	5	4	5	2	0	81	87
	Maijdee Court	075	8	4	18	05	97	02	6	978	84	2	4	7	6	0	78	85
	Comilla	000	0	8	00	00	96	02	2	985	84	8	4	5	x	x	80	86
	Brahmanbaria	000	0	4	13	02	97	03	0	974	84	0	0	9	0	5	78	87
	Sylhet	000	0	8	00	00	95	61	2	971	83	7	8	5	2	x	79	89
	Srimangal	000	0	5	00	00	96	03	1	973	85	5	3	3	0	0	77	90
Dacca	Mymensingh	055	7	8	00	00	98	02	6	971	84	8	7	5	x	x	80	87
	Narayanganj	017	9	8	13	05	96	03	6	964	85	4	4	4	0	8	79	86
	Dacca (Tezgaon)	003	9	7	8	07	97	02	9	958	85	3	8	5	4	1	79	87
	Faridpur	005	3	8	16	02	96	02	6	963	85	5	4	6	1	x	78	88
	Barisal	055	4	6	00	00	97	61	6	968	82	4	6	5	4	0	79	84
Rajshahi	Khulna	000	0	7	00	00	96	01	2	964	83	7	5	6	0	0	79	87
	Satkhira	000	0	8	00	00	95	03	2	963	53	x	x	x	x	x	79	90
	Jessore	000	0	8	18	03	96	03	2	956	82	8	8	5	x	x	79	89
	Sirajganj	000	0	8	18	02	97	02	2	953	84	0	0	9	0	4	84	87
	Bogra	001	8	8	13	02	96	02	5	956	86	8	5	4	x	x	81	86
	Dinajpur	122	6	7	00	00	95	02	6	955	84	4	7	7	2	0	79	90
	Rangpur	000	0	7	13	02	96	01	2	xxx	87	7	5	6	0	0	79	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	96	02	0	920	93	1	1	7	3	0	81	95
	Sialkot	000	4	2	00	00	97	01	1	943	92	2	2	6	0	0	78	94
Rawalpindi	Jhelum	000	8	3	23	02	97	02	5	919	93	1	1	7	3	0	78	95
	Rawalpindi	000	0	2	02	02	99	01	2	908	92	2	1	8	0	0	74	95
	Khushab	000	0	6	09	02	96	09	1	919	89	6	3	6	0	0	77	99
Multan	Lyallpur	000	0	3	23	02	96	02	0	915	97	3	0	9	2	0	77	99
	Montgomery	000	.	0	00	00	96	00	0	918	00	0	0	9	0	0	74	02
	Multan	000	0	2	23	02	97	01	0	902	01	1	0	9	2	4	72	03
Bahawalpur	Leiah	000	0	5	00	00	96	17	2	901	03	3	5	8	3	0	86	05
	Khanpur	000	0	0	20	09	96	05	0	904	06	0	0	9	0	0	88	07
	Bahawalpur	000	0	0	23	02	98	00	0	923	03	0	0	9	0	0	75	03
	Fort Abbas																	
Peshawar	Chakdara	000	0	7	09	03	97	03	1	892	89	7	0	8	6	0	85	95
	Peshawar	000	0	1	05	05	97	05	0	892	01	1	2	6	0	0	70	02
	Haripur	064	5	4	05	06	96	03	6	925	84	4	6	6	0	0	67	89
	Campbellpur	000	0	6	13	09	98	03	0	917	98	6	0	9	6	0	77	98
D. I. Khan	Bannu	035	2	4	23	01	99	01	6	927	83	4	2	6	0	0	74	97
	D. I. Khan	000	0	7	05	04	97	03	0	906	88	7	0	9	7	0	73	04
Quetta	Sibi	000	2	4	18	02	98	03	0	897	04	4	0	9	2	0	74	06
Kalat	Nokkundi	000	0	0	34	05	95	05	0	895	06	0	0	9	0	0	29	07
	Turbat	000	0	0	27	02	96	00	0	921	09	0	0	9	0	0	79	09
	Jiwani	000	0	2	18	09	96	01	1	940	89	2	5	6	0	0	79	90
	Pasni	000	0	0	16	17	97	00	0	933	89	0	0	9	0	0	83	92
	Ormara	000	0	0	23	09	98	02	1	938	91	0	0	9	0	0	75	95
	Las Bela	000	0	0	00	00	98	00	0	944	98	0	0	9	0	0	78	05
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	25	16	96	03	2	949	85	8	6	4	x	x	79	87
	Karachi (Air Port)	000	0	8	23	14	96	03	2	953	85	6	6	5	3	x	76	88
	Badin	000	6	8	23	02	95	03	2	947	87	8	9	7	x	x	79	91
	Nagarparker	000	0	8	23	02	96	02	2	963	87	8	6	7	x	x	58	93
	Umarkot	000	0	7	23	10	98	02	0	940	89	7	0	9	6	0	77	69
	Hyderabad	000	0	2	23	05	97	02	0	939	91	2	5	6	0	0	77	96
Khairpur	Pad-i-dan	000	0	0	16	05	97	02	0	909	01	.	0	9	0	0	75	03
	Nawabshah	000	0	0	18	12	96	02	0	922	98	0	0	9	0	0	77	01
	Sukkur	000	0	0	20	02	96	00	.	903	03	0	0	9	0	0	78	05
	Kashmore	000	0	0	18	07	99	00	0	xxx	00	0	0	9	0	0	74	05
	Jacobabad	000	0	0	13	07	96	02	0	905	02	0	0	9	0	0	77	02
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	002	4	5	27	03	97	02	6	388	72	5	3	3	0	0	61	75
Peshawar	Drosh	000	0	0	23	12	98	02	0	383	96	0	0	9	0	0	46	02
	Cherat	000	0	2	13	05	96	05	0	370	84	2	5	6	0	0	80	88
	Kakul	008	3	8	23	05	97	17	6	390	72	8	7	5	x	x	64	85
	Landi Kotal	000	0	1	13	03	98	03	0	366	92	0	0	9	0	8	70	98
D.I. Khan	Parachinar	000	0	2	13	02	99	02	0	794	83	2	0	9	1	0	65	xx
	Miranshah	000	0	0	23	05	99	00	0	366	85	0	0	9	0	0	69	95
	Wana	033	2	6	11	02	99	60	1	362	75	6	5	8	0	0	67	xx
Quetta	Fort Sandeman	000	0	5	05	09	98	03	0	369	90	3	2	6	2	0	63	00
	Hindubagh	000	0	0	29	01	98	00	0	329	95	0	0	9	0	0	55	95
	Loralai	000	0	3	23	02	98	02	1	498	90	0	0	9	0	3	68	91
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	1	31	05	97	02	0	350	95	1	1	7	0	0	39	98
	Chaman	000	0	0	27	02	98	00	1	369	00	0	0	9	0	0	25	01
	Kalat	000	0	0	27	[illegible]	98	02	0	358	88	0	0	9	0	0	44	91
Kalat	Nushki	000	0	0	18	09	98	02	0	431	05	0	0	9	0	0	66	07
	Dalbandin	000	0	0	23	05	96	02	0	389	06	0	0	9	0	0	59	08
	Panjgur	000	0	0	31	05	98	00	0	410	00	0	0	9	0	0	58	01
Afghanistan	Kabul																	
	Kandahar																	

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

STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1959 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	012	4	3	16	05	96	02	6	013	84	1	1	7	6	3	78	77	+5	+1	79.9	+5.4	95.9	140
Chittagong	029	5	7	16	05	97	02	6	012	84	5	4	5	0	2	79	77	+2	+1	60.7	+10.3	92.8	108
Maijdee Court	185	9	7	18	05	96	03	6	004	84	3	5	6	2	0	78	76	−1	−2	61.6	+11.1	93.5	115
Comilla	370	7	8	00	00	97	02	6	011	84	8	4	5	x	x	78	77	−1	0	32.7	−7.1	58.7	94
Brahmanbaria	031	0	5	13	07	97	03	6	007	84	5	4	5	0	0	78	xx	−	−	37.0	−3.1	53.0	76
Sylhet	061	9	6	18	05	96	01	6	009	83	4	5	5	7	0	77	78			93.9		131.3	—
Srimangal	012	8	6	18	02	96	03	6	011	85	4	4	6	4	0	76	78	0	+2	40.0	+3.2	73.9	98
Mymensingh	064	9	8	13	02	98	02	6	007	83	8	4	5	x	x	79	79	−1	+1	32.7	−5.2	63.8	91
Narayanganj	017	9	7	16	05	97	03	6	000	88	7	4	5	0	0	80	79	−1	0	30.7	+1.6	51.7	74
Dacca (Tezgaon)	003	4	7	13	09	97	02	6	993	85	7	8	4	0	0	79	81	−	−	30.3	−	46.8	—
Faridpur	005	9	7	18	02	97	03	6	972	86	7	5	7	0	0	81	78	+1	−1	27.9	−1.4	56.1	71
Barisal	105	4	7	03	02	97	03	6	998	85	7	0	9	4	0	81	79	−3	+1	54.2	+18.4	67.3	81
Khulna	000	0	5	18	09	97	01	2	996	85	5	4	6	0	0	89	81	0	+3	40.0	+9.3	60.9	68
Satkhira	000	0	6	00	00	95	03	1	993	86	6	6	8	0	0	80	81	+2	+2	27.8	−1.1	46.2	65
Jessore	000	0	8	18	05	97	03	2	993	85	8	4	6	x	x	81	80	−	−	22.6	−5.3	38.5	65
Sirajganj	000	0	8	18	03	98	02	2	980	85	8	4	5	x	x	84	82	0	+3	23.1	−4.2	49.2	64
Bogra	114	9	7	13	02	96	02	9	994	83	4	5	6	1	0	81	79	−2	0	20.1	−9.3	39.2	69
Dinajpur	360	3	8	00	00	96	61	6	982	78	8	4	7	x	x	75	78	+2	−1	25.1	−7.1	42.5	72
Rangpur	024	1	8	05	02	96	20	2	xxx	80	8	5	6	x	x	79	79	+2	+1	31.7	−5.7	53.6	84
Jammu																							—
Lahore (Jail Rd.)	050	9	7	00	00	96	01	9	966	80	1	5	7	2	6	76	76	−3	−3	13.4	+4.9	17.2	19
Sialkot	000	1	1	00	00	97	01	1	959	85	0	0	9	.	9	75	75	−1	−4	33.7	+20.0	39.6	32
Jhelum	000	8	0	00	00	97	02	1	959	85	0	0	9	0	0	75	78	−	−	30.1	−	32.3	—
Rawalpindi	000	0	0	00	00	99	00	0	967	84	0	0	9	0	0	74	79	0	+3	19.4	+6.3	32.5	36
Khushab	070	0	0	00	00	99	00	6	966	83	0	0	9	0	0	76	73	−1	−9	12.0	+5.6	17.5	15
Lyallpur	000	0	5	23	02	96	03	5	955	83	5	0	9	2	0	76	79	0	−2	6.5	+1.4	9.2	12
Montgomery	997	0	0	00	00	96	02	6	959	67	0	0	9	0	0	75	81	+1	−1	2.1	−2.6	4.4	10
Multan	000	9	4	23	07	97	01	5	956	88	1	5	6	0	1	78	84	+4	0	4.1	+0.9	6.2	7
Leiah	057	9	7	00	00	97	29	9	946	84	7	0	8	3	0	83	80	−	−	3.5	−	5.4	8
Khanpur	000	0	3	25	05	96	03	0	947	85	0	0	9	0	3	79	83	+4	+3	0.3	−3.1	1.8	4
Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	−	−				6
Fort Abbas																							4
Chakdara	000	0	6	00	00	98	03	1	944	78	6	0	8	4	0	73	76	−	−	8.3		18.9	—
Peshawar	000	0	1	31	03	96	05	0	966	82	1	1	6	0	0	73	80	+3	+1	2.2	−0.3	15.2	14
Haripur	077	0	0	05	02	97	00	6	932	86	0	0	9	0	0	73	xx	−	−	10.5	−	21.3	
Campbellpur	009	9	0	18	02	98	00	6	993	83	0	0	9	0	0	76	79	−	−	13.7	−	17.6	—
Bannu	035	0	0	00	00	99	00	0	959	79	0	0	9	3	0	72	75	−	−	9.8	−	16.7	11
D. I. Khan	000	0	0	05	02	98	00	0	960	84	0	0	9	0	0	79	78	+3	−4	9.8	+6.2	13.5	10
Sibi	000	2	6	18	02	98	03	1	951	89	6	0	9	3	0	76	80	−	−	2.3	−	2.6	—
Nokkundi	000	0	0	34	05	97	00	4	922	87	0	0	9	0	0	34	85	−	−	0	−	1.1	2
Turbat	000	0	6	18	03	95	03	0	951	84	6	0	9	6	0	78	xx	−	−	2.1	−	6.6	—
Jiwani	000	0	5	18	03	96	02	1	957	84	1	6	4	0	1	78	81	−	−	0.1	−	5.7	4
Pasni	000	0	8	09	03	97	02	0	962	84	8	5	7	x	x	51	82	+3	+5	0	−0.8	2.5	—
Ormara	000	0	6	27	02	98	02	1	961	86	6	4	5	0	0	79	83	−	−	0.1	−0.6	2.0	—
Las Bela	000	0	2	00	00	98	20	2	982	86	1	0	9	3	6	78	83	−	−				86
Karachi (Manora)	000	0	6	25	12	96	03	2	971	83	6	0	9	3	0	79	82	+2	+3	6.5	+2.0	6.5	8
Karachi (Air Port)	000	0	7	23	05	96	02	2	971	84	7	5	5	0	0	74	83	−	−	9.3		9.6	—
Badin	000	5	4	23	02	95	02	1	971	82	4	4	7	0	0	78	81	−1	+1	4.6	+0.1	4.6	9
Nagarparker	000	0	8	00	00	96	02	2	978	87	8	7	7	x	x	66	79	−	−	7.7	−	7.7	—
Umarkot	000	0	8	18	07	98	01	1	968	81	8	4	6	x	x	77	80	−	−	10.4	−	11.1	—
Hyderabad	000	0	3	23	03	97	02	0	960	83	3	5	6	0	0	79	82	0	+3	6.4	+2.3	7.1	7
Pad-i-dan	000	0	2	13	07	97	03	0	948	84	0	0	9	0	4	76	81	−	−	4.7	−	4.9	—
Nawabshah	000	0	4	18	07	96	03	0	955	85	0	0	9	0	2	78	81	−	−	3.0	−	3.7	—
Sukkur	000	4	3	23	03	96	01	0	953	85	0	0	9	0	3	78	81	−	−	1.1	−	2.1	4
Kashmore	000	0	4	18	10	99	02	1	xxx	85	4	1	7	0	0	78	83	−	−	−	−	−	—
Jacobabad	000	0	1	11	07	96	02	0	955	85	0	0	9	0	3	76	83	−2	0	3.7	+2.0	5.4	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																		−					
Gilgit																							5
Murree	003	9	4	00	00	98	01	6	xxx	xx	4	5	2	0	0	63	67	+3	+3	29.2	+8.4	53.5	59
Drosh	000	0	1	00	00	98	03	0	395	80	1	1	7	0	0	59	76	+6	+3	1.3	−	30.4	18
Cherat	003	0	2	18	01	98	46	0	401	76	2	0	9	1	0	75	71	−	−	4.7	−1.5	14.7	29
Kakul	014	9	1	20	02	98	01	6	405	77	1	1	7	0	0	66	68	−	−	11.0	−	22.0	—
Landi Kotal	000	0	0	00	00	98	00	0	401	81	0	0	9	0	0	64	xx	−	−	2.5	−	17.5	—
Parachinar	000	0	0	00	00	99	00	0	796	67	0	0	9	0	0	62	xx	−	−	−		−	29
Miranshah	000	0	0	00	00	99	00	0	382	86	0	0	9	0	0	68	75	−	−	2.6	−0.7	5.6	13
Wana	033	0	0	00	00	97	00	6	413	73	0	0	9	0	0	63	68	−	−	−		−	11
Fort Sandeman	000	0	0	05	02	98	01	0	407	83	1	1	7	0	0	65	75	+5	+1	3.2	−0.2	11.1	−
Hindubagh	000	0	0	00	00	98	00	0	361	75	0	0	9	0	0	54	74	−	−	1.7	−	9.8	−
Loralai	000	0	0	00	00	98	00	0	466	71	0	0	9	0	0	67	66	−	−	5.8	−	11.7	14
Harnai	000	0	0	00	00	95	00	0	xxx	xx	0	0	9	0	0	xx	xx	−	−	5.0	+0.3	8.4	8
Quetta	000	0	0	09	02	98	02	0	383	77	0	0	9	0	0	69	67	−	−	2.8	+2.0	8.4	7
Chaman	000	0	0	18	02	97	02	0	386	84	0	0	9	0	0	45	75	+1	0	0.1	0	6.2	9
Kalat	000	0	0	13	05	98	02	0	407	75	0	0	9	0	0	30	61	+1	+2	0.1	−0.8	10.3	—
Nushki	000	0	0	31	02	96	02	0	441	91	0	0	9	0	0	51	xx	−	−	0.4	−	2.2	5
Dalbandin	000	0	0	00	00	98	00	0	374	79	0	0	9	0	0	49	72	0	−1	0.3	0	2.3	4
Panjgur	000	0	0	00	00	98	00	0	410	78	0	0	9	0	0	64	72	−1	−3	1.2	−	2.9	12
Kabul																							
Kandahar																							

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 9th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L$_a$L$_a$L$_a$	L$_o$L$_o$L$_o$ GG	N dd ff	VV ww W	PPP TT	N$_h$C$_L$hC$_M$C$_H$	D$_s$V$_s$ a PP	8 N$_s$ Ch$_s$ h$_s$	O T$_s$T$_s$ T$_d$T$_d$	Id$_w$d$_w$PH$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Ersti	73 192	583 00	0 22 14	98 02 0	990 73	00 9 09	15 71 3	...	0 02 72	1 22 33
President Munro	73 214	622 00	8 21 28	98 02 0	963 78	81 3 xx	55 70 7	...	0 54 78	1 21 36
Isander	73 235	591 00	0 09 06	98 02 0	955 82	00 9 00	76 40 0	...	0 57 81	1 09 xx
Moordrecht	73 265	528 00	0 28 05	97 02 0	943 88	00 9 00		...	0 51 84	1 28 20
Dumra	73 213	696 06	8 28 24	96 16 2	005 81	56 6 xx	75 40 1	...	0 07 80	1 28 45
Caledonia	73 178	573 06	0 23 30	97 02 0	003 75	00 9 00	55 21 2	...	0 51 72	1 23 x8
Ersti	73 202	592 06	8 23 18	99 02 2	963 75	46 5 36	85 80 4	...	0 02 70	1 04 31
President Munro	73 206	610 06	6 21 27	98 05 2	986 80	66 3 00	55 40 0	...	0 52 73	1 21 46
World Heath	73 129	737 09	8 27 18	98 91 2	107 84	67 5 2x	34 60 9	...	0 04 77	1 27 x4
Cheverny	73 169	549 09	6 23 12	98 13 1	058 77	65 7 00	15 71 1	...	0 01 70	1 23 32
President Munro	73 098	598 12	3 21 27	98 02 2	956 78	00 9 09	54 71 0	...	0 04 xx	1 21 37
Astarte	72 240	585 12	0 11 08	98 02 0	967 90	00 9 00	35 72 0	...	0 53 82	1 10 30
Ersti	73 226	597 12	7 23 06	97 02 2	906 77	70 6 90	85 72 6	...	0 02 75	1 20 43
Moordrecht	73 287	5.5 18	0 29 12	97 02 0	939 91	00 9 00		...	0 06 75	1 29 22
Dumra	73 232	677 18	8 26 18	97 80 2	980 82	xx x xx	75 21 3	...	0 02 80	1 20 44
Cheverney	73 181	569 18	0 23 15	97 02 0	017 70	00 9 00	15 20 9	...	0 05 70	1 23 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT T$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	...	Misda			...	...	...	...	...	...	...	..	..
Jiwani														
Karachi	00 00	993 282 238		...	350 265 999	...	036 158 999	313 028 999	761 518 999	507 602 999	967 758	249 962	432 138	669 325
Lahore	00 00	972 255 252	..		893 185 999	...	007 080 899	...	...		...	...	...	...
Multan														
Peshawar	00 00	955 282 242	...	..	350 252 208	..	049 142 125	331 078 038	838 522 592	546 595 999	731 692	646 872	572 970	
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT T$_d$T$_d$T$_d$									Max. Height Reached PPPTTT T$_d$T$_d$T$_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	...	Misda	...	..	...	...	...		...	...	...	...
Jiwani													
Karachi	00 00		...	...	..	...	...	..	...	...	100 325 999	...	...
Lahore	00 00	900 215 212	800 155 999	...	...	...	..	...	..	..	800 155 999	...	...
Multan													
Peshawar	00 00	900 265 225	800 222 182	350 632 999	250 768 999	135 990 999	...	..	...	...	135 990 999	..	
Quetta							...	...	...	...		..	

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	15 07								
Chaklala									
Chitor	20 17	21 19	21 19						
Chittagong	19 11	19 14							
Cox's Bazar	18 15	19 15	20 15	20 11					
Dacca	18 15	19 17	19 15	21 15	19 11	17 13	15 12	16 15	15 10
Dalbandin			22 05	23 03	01 02	02 09	01 32	01 41	01 33
D. I. Khan									
Drosh					22 12	21 09	21 08	29 05	30 06
Fort Sandeman				19 05	25 06	26 15	22 12	30 05	31 13
Jacobabad	15 06	19 07	17 06	30 02	34 04	30 12	28 14	34 08	02 10
Jessore	17 13	18 13	19 11						
Jhelum	17 03	16 05	19 03	19 04	30 06	28 12	29 09	30 15	29 20
Jiwani	20 10	20 06	36 02	36 11	33 15	32 13	36 24	01 18	03 21
Karachi	23 14	24 11							
Khanpur	20 11	20 13	20 14	19 19	26 22	20 13			
Lahore	11 07	15 06	18 05	24 14	27 12	29 09	32 15	30 27	28 25
Multan	20 12	20 16	21 18	22 17	22 11	29 07	27 12	24 07	27 12
Muscat									
Panjgur									
Peshawar									
Quetta					28 08	25 05	35 10	34 08	33 15
Sharjah									
Sylhet	35 02	18 05	16 07						
Veraval									

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	18 17	18 19	18 19			
Chaklala						
Chitor	22 14	23 17				
Chittagong	17 13					
Cox's Bazar	No	Ascent				
Dacca	18 12	18 13	19 11	20 09	20 11	
Dalbandin			24 05	06 03	14 03	12 04
D. I. Khan						
Drosh				23 03	23 04	26 04
Fort Sandeman				13 02	22 06	33 12
Jacobabad	17 15	20 09	15 03	36 02	29 10	33 09
Jessore	17 13	17 17	16 16			
Jhelum	11 06	16 04	16 05	15 10	14 14	13 15
Jiwani	15 07	13 07	16 08			
Karachi	26 15	27 13				
Khanpur	21 23	21 28	21 27	18 09	09 03	20 09
Lahore	19 09	21 12	21 11	27 08	33 05	36 03
Multan	17 10	20 11	23 14	25 09	27 09	33 09
Muscat						
Panjgur						
Peshawar						
Quetta					24 01	28 08
Sharjah						
Sylhet	18 13	18 15	18 14	20 10	20 14	
Veraval						

at 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	
Bogra	16 11	16 15	17 13	18 12	17 09						
Chaklala											
Chitor											
Chittagong	20 07	20 12									
Cox's Bazar	No	Ascent									
Dacca	16 07	17 11	17 13	16 10	18 08	17 10	15 13	18 18	18 14	15 13	12
Dalbandin			36 01	11 06	11 09	08 05	08 09	04 31	05 21	05 29	06
D. I. Khan											
Drosh					21 03	15 03	36 11	36 10	35 17	34 34	31
Fort Sandeman				05 03	04 03	12 07	02 04	36 10	02 15	01 12	02
Jacobabad	14 03	11 02	06 01	35 03	36 10	36 06	10 05	27 08	24 03		
Jessore	15 10	16 15	15 14								
Jhelum	13 02	13 04	13 07	14 08	01 05	35 03	04 06	32 08	33 06	33 07	30
Jiwani	27 08	32 05	36 04	34 05	35 10	34 06	34 14	02 24	03 21		
Karachi	24 10	29 10	30 14	30 13							
Khanpur	22 22	22 21	22 15	21 08	14 08	15 10	35 09	31 19			
Lahore	17 04	21 06	25 02	23 03	23 05	29 09					
Multan	23 03	22 04	22 05	25 03	32 03	32 06	28 08	33 10	01 10	01 05	31
Muscat											
Panjgur											
Peshawar											
Quetta					27 02	30 09	19 07	26 05	xx xx	33 10	
Sharjah											
Sylhet	19 03	19 04	17 04								
Veraval											

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Misda																...	
Karachi	25 20	27 15	28 15	29 15	30 09	08 01	13 07	14 01	14 01	31 03	04 02	10 09	12 10	12 26	11 32	09 33	...	...
Peshawar	..	31 22	06 05	30 54	29 04	29 06	29 10	29 09	29 10	29 13	30 13	29 19	26 20	28 [illegible]		—	...	
Quetta																		

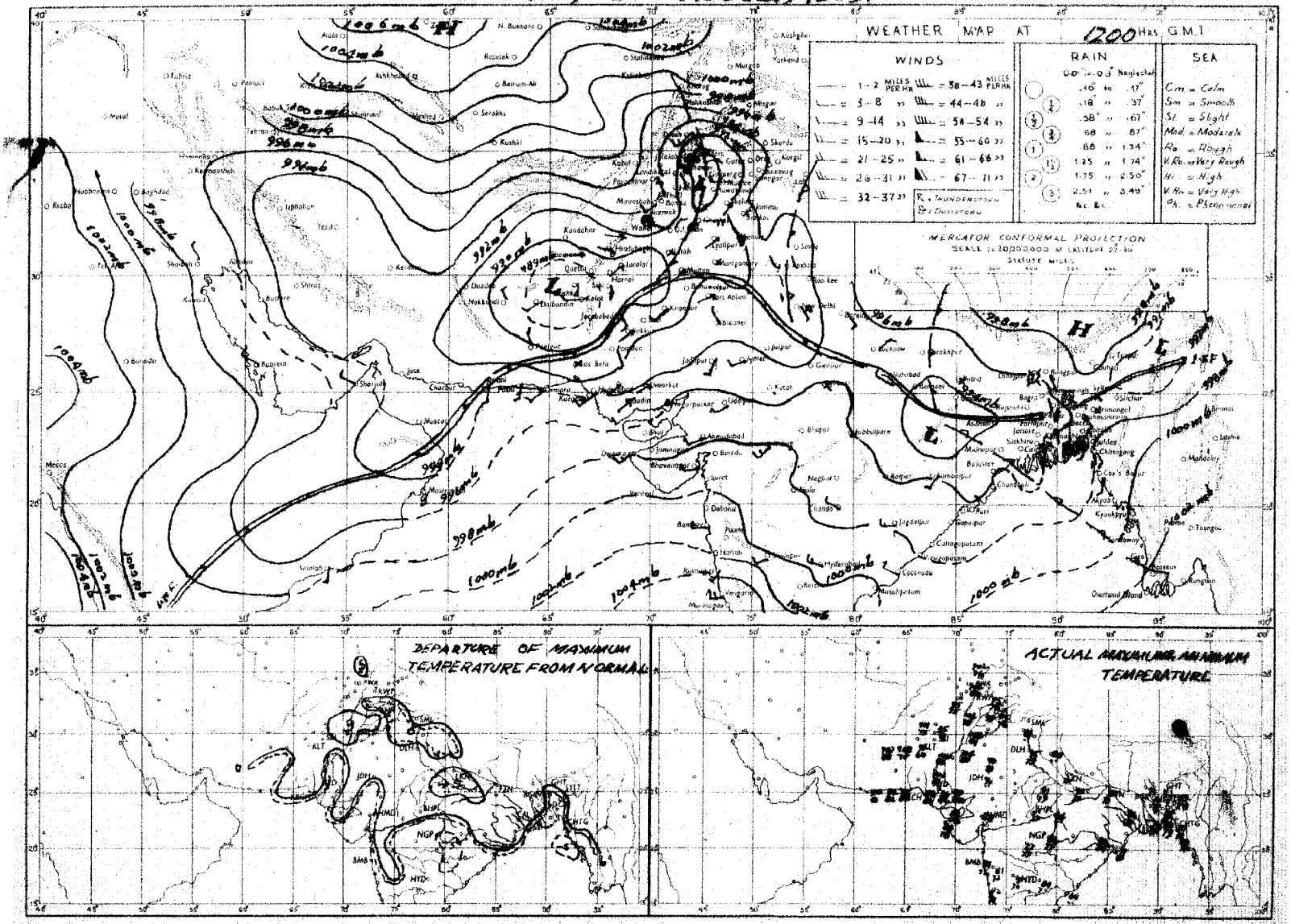
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv.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, 8th AUGUST, 1959



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

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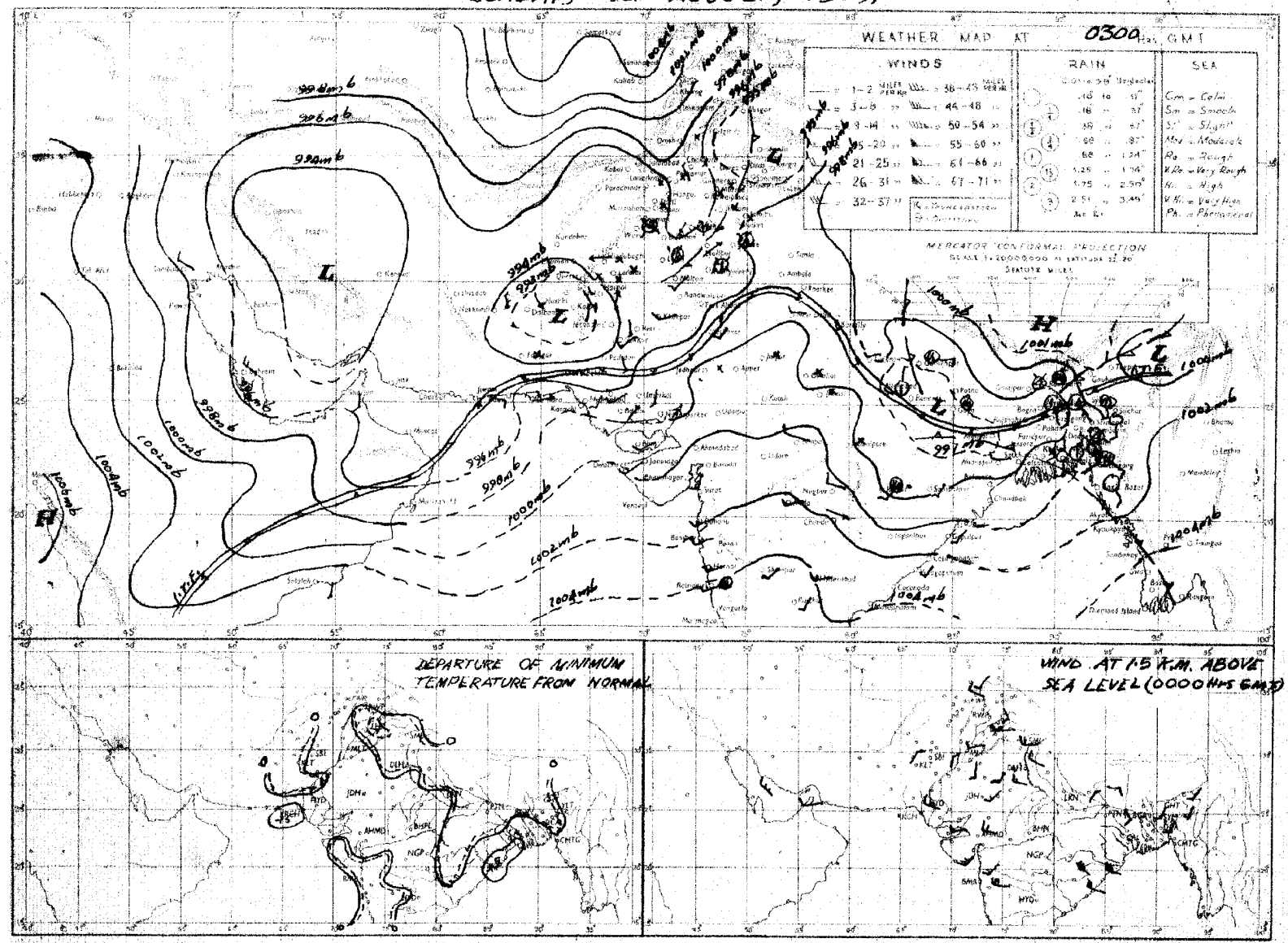
PAKISTAN DAILY WEATHER MAP

SUNDAY, 9th AUGUST, 1959,



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

MONDAY THE 10th AUGUST 1959.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low now lies over Bihar and adjoining West Bengal. It has caused fairly widespread rain/thundershowers in Chittagong and Dacca divisions and scattered in Rajshahi division.

The low pressure wave over Rawalpindi division has moved away eastwards after causing local thundershowers in Lahore division and scattered light rain in Multan division.

Other low pressure wave over Afghanistan is moving across Peshawar division and adjoining areas.

Chief amounts of rainfall are: Mymensingh 1¼" Rangpur 1"; Dacca 3/4", Cox's Bazar, Faridpur and Barisal ½" each and Sylhet, Srimangal, Dinajpur and Lahore ¼" each.

Day temperatures were 2—5 °F above normal in East Pakistan and practically normal over West Pakistan.

Forecast valid until the evening of 11th August, 1959 Fairly widespread rain/thundershowers will occur in Dacca division, local in Rajshahi and Chittagong divisions and scattered thunderstorms/showers in Peshawar, Rawalpindi, D. I. Khan and Lahore divisions.

Karachi-11
The 10th August 1959.

OBSERVATIONS

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

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees ddd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	1	6	16	07	95	60	1	994	83	4	5	6	5	2	77	85
	Chittagong	013	5	6	13	05	97	02	9	983	82	3	3	5	2	0	79	87
	Maijdee Court	000	9	4	13	05	98	02	2	985	84	3	4	7	6	0	78	88
	Comilla	000	0	8	00	00	96	02	2	985	86	8	4	5	x	x	79	89
	Brahmanbaria	000	0	7	00	00	97	03	1	987	86	2	0	9	4	4	79	90
	Sylhet	002	2	7	00	00	96	17	9	985	85	6	3	6	6	0	80	88
	Srimangal	024	2	7	00	00	96	17	9	986	82	6	3	4	4	0	79	91
Dacca	Mymensingh	000	0	6	13	02	98	02	2	978	89	2	2	5	0	8	80	90
	Narayanganj	000	9	7	16	02	96	03	2	976	87	1	4	4	2	8	79	90
	Dacca (Tezgaon)	000	9	6	18	07	98	02	2	970	86	1	1	5	0	4	77	89
	Faridpur	029	3	5	16	05	96	01	6	959	86	2	4	7	1	0	79	89
	Barisal	052	4	2	00	00	97	02	6	975	85	2	0	9	4	0	79	87
Rajshahi	Khulna	000	0	5	13	08	97	01	0	970	86	5	5	6	0	0	77	91
	Satkhira	000	0	6	00	00	95	03	2	967	67	6	6	8	0	0	68	91
	Jessore	000	0	2	18	02	97	01	1	968	87	2	2	6	0	0	80	90
	Sirajganj	000	0	6	18	02	98	03	1	959	86	0	0	9	0	4	86	88
	Bogra	007	6	6	13	03	96	0.	6	966	87	3	5	8	0	1	80	87
	Dinajpur	000	8	3	00	00	96	01	2	968	83	3	5	7	0	0	77	83
	Rangpur	092	3	4	13	02	96	01	8	xxx	85	4	5	6	0	0	80	85
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	3	00	00	96	02	0	943	93	3	2	7	3	0	79	94
	Sialkot	000	0	3	00	00	97	02	0	939	94	2	1	6	3	0	80	95
Rawalpindi	Jhelum	000	0	4	13	03	97	03	0	937	93	3	1	7	3	0	77	95
	Rawalpindi	000	0	2	11	02	99	01	0	923	93	2	1	8	0	0	77	96
	Khushab	000	0	0	09	02	99	00	0	923	95	0	0	9	0	0	79	95
Multan	Lyallpur	000	0	4	31	02	96	02	0	945	96	4	0	9	3	0	76	97
	Montgomery	000	0	6	27	03	96	03	1	948	85	6	3	7	0	0	76	00
	Multan	000	0	2	00	00	97	04	0	936	99	2	2	6	0	0	77	00
Bahawalpur	Leiah																	
	Khanpur	000	0	0	25	03	96	02	0	931	02	0	0	9	0	0	85	04
	Bahawalpur																	
	Fort Abbas	000	0	0	25	02	98	00	0	935	99	0	0	9	0	0	77	01
Peshawar	Chakdara	000	0	0	00	00	99	02	0	930	93	0	0	9	0	0	89	94
	Peshawar	000	0	1	05	05	96	05	0	916	99	1	1	6	0	0	69	00
	Haripur																	
	Campbellpur	000	0	0	18	05	98	00	0	915	96	0	0	9	0	0	78	96
D. I. Khan	Bannu	000	0	0	16	01	99	00	0	910	96	0	0	9	0	0	86	96
	D. I. Khan	000	6	0	00	00	98	00	0	925	99	0	0	9	0	0	79	00
Quetta	Sibi	000	9	4	23	02	98	03	1	919	03	4	0	9	2	0	75	05
Kalat	Nokkundi	000	0	0	29	02	98	02	0	889	10	0	0	9	0	0	41	11
	Turbat	000	0	0	27	02	96	00	0	918	07	0	0	9	0	0	81	07
	Jiwani	000	0	3	13	14	96	03	0	942	89	3	5	5	0	0	79	91
	Pasni	000	0	2	13	17	97	02	0	951	89	2	5	7	0	0	84	91
	Ormara	000	0	6	18	07	98	02	1	949	89	6	0	9	2	0	77	96
	Las Bela	000	0	0	00	00	98	00	0	954	89	0	0	9	0	0	78	01
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	25	14	97	03	2	968	86	3	6	4	4	0	79	88
	Karachi (Air Port)	000	0	7	20	09	97	03	2	965	86	7	5	5	0	0	76	90
	Badin	000	9	8	23	02	95	03	2	965	89	8	9	7	x	x	85	91
	Nagarparkar	000	0	4	23	02	97	01	1	964	90	4	0	9	5	0	59	92
	Umerkot	000	0	2	20	09	98	02	0	957	92	2	1	6	0	0	75	95
	Hyderabad	000	0	1	23	03	97	01	0	945	92	1	5	6	0	0	80	94
Khairpur	Pad-i-dan	000	0	1	16	05	97	01	0	929	02	1	1	6	0	0	77	04
	Nawabshah	000	0	0	18	10	96	02	0	937	99	0	0	9	0	0	77	01
	Sukkur	000	6	0	02	03	96	00	0	929	00	0	0	9	0	0	81	01
	Kashmore	000	0	0	18	05	99	00	0	xxx	08	0	0	9	0	0	72	xx
	Jacobabad	000	0	0	13	05	96	02	0	932	99	0	0	9	0	0	75	00
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	3	8	31	02	97	03	4	402	69	8	5	2	x	x	65	72
Peshawar	Drosh	000	8	0	23	12	96	05	4	344	87	0	0	9	0	0	47	02
	Cherat	000	0	0	13	05	98	00	0	391	86	0	0	9	0	0	83	88
	Kakul	000	3	3	18	05	99	03	0	399	63	3	4	6	0	0	63	85
	Landi Kotal	000	0	1	13	03	98	02	0	378	92	0	0	9	0	2	64	96
D.I. Khan	Parachinar	000	0	2	23	02	99	02	0	794	83	2	0	9	2	0	66	xx
	Miranshah	000	0	0	05	02	99	00	0	371	92	0	0	9	0	0	69	93
	Wana	000	0	0	11	05	98	00	0	382	88	0	0	9	0	0	62	91
Quetta	Fort Sandeman	000	0	3	13	05	98	03	0	382	96	3	1	6	0	0	63	99
	Hindubagh	000	0	0	00	00	98	00	0	328	96	0	0	9	0	0	66	96
	Loralai	000	0	3	13	02	98	02	1	475	89	0	0	9	0	3	67	90
	Harnai	000	0	0	00	00	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	1	00	00	97	02	0	348	96	1	1	7	0	0	57	96
	Chaman	000	0	0	20	02	98	00	0	391	02	0	0	9	0	0	20	00
Kalat	Kalat	000	0	1	00	00	97	02	1	387	89	1	1	7	0	0	45	92
	Nushki	000	0	0	18	08	98	02	0	431	96	0	0	9	0	0	55	07
	Dalbandin	000	0	0	00	00	95	05	0	390	07	0	0	9	0	0	41	09
	Panjgur	000	0	0	00	00	98	00	0	416	01	0	0	9	0	0	62	03
Afghanistan	Kabul	000	0	0	18	03	99	00	0	415	89	0	0	9	0	0	37	93
	Kandahar																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 (to date) (41)	Annual normal (42)
Chittagong	Cox's Bazar	047	0	7	16	05	96	15	6	023	80	5	5	6	1	2	79	78	0	+ 2	80.4	+ 4.9	96.3	140
	Chittagong	013	0	6	16	05	97	02	2	014	83	3	2	6	1	2	77	78	+ 2	+ 2	60.8	+ 9.7	92.9	108
	Maijdee Court	010	8	8	18	02	96	03	6	009	81	3	2	6	2	x	79	78	+ 2	0	61.7	+ 9.3	93.6	115
	Comilla	010	9	8	18	06	97	02	6	006	83	8	4	5	x	x	79	79	+ 2	+ 2	32.8	− 7.6	58.8	94
	Brahmanbaria	008	0	6	13	05	97	03	5	009	84	6	5	5	0	0	78	78	—	—	27.1	− 3.5	53.0	76
	Sylhet	019	2	8	00	00	95	61	6	014	80	3	5	5	2	x	78	79	—	—	94.1	—	131.5	—
	Srimangal	024	9	7	13	03	96	03	9	013	84	5	4	6	4	x	77	78	+ 1	+ 2	40.2	+ 3.0	74.1	98
Dacca	Mymensingh	125	9	8	13	02	98	02	6	007	84	8	4	5	x	x	78	77	+ 2	− 1	33.9	− 4.5	65.0	91
	Narayanganj	008	9	7	13	03	96	03	6	998	88	7	4	5	0	0	79	80	+ 3	+ 1	30.8	+ 1.3	51.8	74
	Dacca (Tezgaon)	083	7	7	13	05	97	02	6	994	85	7	4	4	0	1	81	79	—	—	31.1	—	47.7	—
	Faridpur	043	9	4	16	02	97	03	6	993	86	4	5	7	0	0	78	xx	+ 2	—	28.4	− 1.3	86.6	71
	Barisal	052	4	6	00	00	97	03	1	992	84	6	0	9	4	0	78	80	0	+ 2	55.7	+ 19.5	47.9	81
Rajshahi	Khulna	003	0	5	00	00	97	01	2	995	87	5	4	7	0	0	79	81	+ 4	+ 3	40.0	+ 8.9	60.9	48
	Satkhira	000	0	4	00	00	96	01	0	992	88	4	3	7	0	0	78	80	+ 3	+ 2	27.8	− 1.5	46.2	65
	Jessore	006	0	5	13	05	97	01	5	991	85	4	4	6	6	0	79	80	—	—	22.6	− 5.6	28.6	65
	Sirajganj	000	0	6	13	02	98	03	1	980	85	6	2	6	0	0	81	81	+ 1	+ 2	23.1	− 4.5	49.2	64
	Bogra	007	0	6	09	02	96	03	1	993	85	6	5	6	0	0	79	80	− 1	+ 1	20.2	− 9.6	29.3	69
	Dinajpur	032	3	4	00	00	96	01	6	992	83	4	5	7	0	0	77	79	− 5	0	25.5	− 7.2	42.8	72
	Rangpur	092	0	4	13	02	96	01	2	xxx	84	4	5	6	0	0	78	78	− 4	0	32.6	− 5.1	54.5	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	031	3	2	13	02	96	01	9	982	83	1	2	7	c	9	78	79	− 4	0	13.7	+ 5.0	17.5	19
	Sialkot	000	0	2	00	00	97	01	0	976	88	2	c	9	3	0	79	82	0	+ 3	33.7	+ 19.7	39.6	32
Rawalpindi	Jhelum	000	0	3	00	00	96	05	0	978	89	3	2	7	0	0	81	82	—	—	30.1	—	32.3	—
	Rawalpindi	000	0	3	02	02	98	03	0	972	87	3	1	8	0	0	77	81	+ 1	+ 5	19.4	+ 6.0	32.5	36
	Khushab	000	0	0	05	02	99	00	0	977	87	0	0	9	0	0	81	77	− 5	− 5	12.0	+ 5.5	17.5	15
Multan	Lyallpur	010	0	0	00	00	96	00	0	980	87	0	0	9	0	0	78	83	− 2	+ 2	6.5	+ 1.3	9.2	12
	Montgomery	005	0	0	00	00	96	02	5	979	85	0	0	9	0	0	75	82	− 1	0	2.2	− 2.7	4.5	10
	Multan	000	0	0	13	03	97	02	0	975	89	0	0	9	0	0	78	87	+ 1	+ 3	4.1	+ 0.8	6.2	7
Bahawalpur	Leiah	000	0	0	00	00	97	02	0	969	85	0	0	9	0	0	81	81	—	—	3.5	—	5.4	8
	Khanpur	000	0	0	20	09	96	05	0	969	86	0	0	9	0	0	81	84	+ 1	+ 2	0.3	− 3.1	1.8	6
	Bahawalpur																							6
	Fort Abbas	000	0	0	25	01	98	00	0	975	91	0	0	9	0	0	65	81	—	—	3.3	—	3.7	4
Peshawar	Chakdara	000	0	4	00	00	97	01	1	982	82	4	0	9	7	0	78	77	—	—	8.3	—	18.9	—
	Peshawar	000	0	1	36	05	96	05	0	974	86	1	1	6	0	0	77	81	+ 1	+ 2	2.2	− 0.4	15.2	14
	Haripur																							
	Campbellpur	000	0	0	13	03	98	00	0	991	87	0	0	9	0	0	77	82	—	—	13.7	—	17.6	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	966	86	0	0	9	0	0	74	79	—	—	9.8	—	16.7	11
	D. I. Khan	000	2	3	05	03	98	01	1	971	90	0	0	9	0	3	82	82	− 1	0	9.8	+ 6.1	13.5	10
Quetta	Sibi	000	0	0	13	02	99	00	0	972	90	0	0	9	0	0	74	81	—	—	2.3	—	2.6	5
Kalat	Nokkundi	000	0	0	34	02	98	02	0	950	90	0	0	9	0	0	32	78	—	—	0	—	1.1	2
	Turbat	000	0	6	27	02	95	03	0	964	86	6	0	9	6	0	76	xx	—	—	2.1	—	6.6	—
	Jiwani	000	0	6	09	10	96	02	2	992	84	6	5	6	0	0	75	82	—	—	0.1	—	5.7	4
	Pasni	000	0	7	16	10	97	02	0	994	85	7	5	7	0	0	76	83	+ 2	+ 6	0	− 0.8	2.5	
	Ormara	000	0	6	13	02	98	02	1	994	87	6	4	5	0	0	79	83	—	—	0.1	− 0.7	2.8	86
	Las Bela	000	0	0	00	00	98	00	0	982	85	0	0	9	0	0	79	83	—	—	4.6	—	4.6	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	09	96	03	2	000	84	6	6	4	0	0	78	82	+ 3	+ 3	6.5	+ 1.9	6.5	8
	Karachi (Air Port)	000	0	8	27	07	96	03	2	005	84	5	6	4	4	0	75	82	—	—	9.3	—	9.6	—
	Badin	000	2	8	23	02	95	03	2	996	82	8	8	7	x	x	78	81	− 1	+ 1	4.6	0	4.6	9
	Nagarparkar	000	0	6	00	00	96	02	3	986	88	6	7	7	0	0	76	78	—	—	7.7	—	7.7	—
	Umerkot	000	0	7	18	05	98	02	0	993	81	7	0	9	4	0	77	76	—	—	10.4	—	11.1	—
	Hyderabad	000	0	2	23	05	97	01	0	985	83	2	5	6	0	0	77	82	− 2	+ 3	6.4	+ 2.1	7.1	7
Khairpur	Pad-i-dan	000	0	0	13	07	97	02	0	977	85	0	0	9	0	0	76	82	—	—	4.7	—	4.9	—
	Nawabshah	000	0	2	18	09	96	02	0	978	85	0	0	9	0	1	76	82	—	—	3.0	—	3.7	—
	Sukkur	000	0	0	20	03	96	00	0	979	85	0	0	9	0	0	76	81	—	—	1.1	—	2.1	4
	Kashmore	000	0	0	18	08	99	00	0	xxx	86	0	0	9	0	0	74	84	—	—	—	—	—	—
	Jacobabad	000	0	0	11	09	96	02	0	981	87	0	0	9	0	0	75	83	− 4	0	3.7	+ 3.0	3.4	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							
	Gilgit																							5
Rawalpindi	Murree	000	9	7	29	07	95	02	1	427	65	7	5	2	0	0	63	xx	0	—	29.2	+ 7.7	53.5	59
Peshawar	Drosh	000	9	1	00	00	98	03	4	418	83	1	2	7	0	0	63	70	+ 4	—	1.3	—	30.4	18
	Cherat	000	0	0	36	01	98	00	0	420	77	0	0	9	0	0	73	72	—	—	4.7	− 1.7	14.7	29
	Kakul	000	9	7	16	02	97	03	2	426	76	7	4	5	0	0	70	73	—	—	11.1	—	22.0	—
	Landi Kotal	000	0	0	05	02	98	00	0	412	82	0	0	9	0	0	69	xx	—	—	2.5	—	17.5	—
D.I. Khan	Parachinar	000	0	0	27	01	99	00	0	796	68	0	0	9	0	0	68	xx	—	—	—	—	—	29
	Miranshah	000	0	0	00	00	99	00	0	412	83	0	0	9	0	0	70	77	—	—	2.6	− 0.7	5.6	13
	Wana																							11
Quetta	Fort Sandeman	000	0	0	05	03	98	02	0	428	82	0	0	9	0	0	69	76	+ 4	+ 2	3.2	− 0.3	11.1	—
	Hindubagh	000	0	0	00	00	98	00	0	391	76	0	0	9	0	0	58	75	—	—	1.7	—	9.8	—
	Loralai	000	0	0	27	02	98	00	0	444	72	0	0	9	0	0	63	65	—	—	5.8	—	11.7	14
	Harnai	000	0	0	00	00	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.0	+ 0.2	8.4	8
	Quetta	000	0	0	18	02	95	00	0	409	75	0	0	9	0	0	66	65	—	—	2.8	+ 1.9	8.4	7
	Chaman	000	0	0	13	02	98	02	0	417	84	0	0	9	0	0	42	72	0	− 3	0.1	0	6.2	9
Kalat	Kalat	000	0	0	16	02	97	02	1	427	76	0	0	9	0	0	33	61	+ 2	+ 2	0.1	− 0.9	10.3	—
	Nushki	000	0	0	00	00	98	02	0	451	91	0	0	9	0	0	58	83	—	—	0.4	—	2.2	5
	Dalbandin	000	0	0	00	00	96	02	0	403	79	0	0	9	0	0	29	72	+ 1	− 1	0.3	0	2.3	4
	Panjgur	000	0	0	00	00	98	00	0	425	78	0	0	9	0	0	67	74	+ 1	− 1	1.2		2.9	12
Afghanistan	Kabul	000	0	0	18	00	99	00	0	471	70	0	0	9	0	0	46	51	—	—	—	—	—	—
	Kandahar																							

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 10th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch h_s	O $T_s T_s T_d T_d$	$I_dd_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Erati	13 239	587 00	0 00 00	98 02 0	887 86	00 9 00	95 40 0	...	0 56 xx	1 00 x0
Chavaray	13 197	585 03	3 22 15	96 02 0	992 72	12 6 60	15 40 0	...	0 00 68	1 22 22
Caltex Utrecht	13 231	872 06	8 24 15	97 21 2	883 82	87 4 xx	64 x xx	...	0 01 77	1 24 32
Cheveroney	13 203	590 06	3 22 15	97 03 1	981 75	35 7 00	15 71 1	...	0 14 68	1 22 22
President Monroe	13 172	654 06	3 22 30	97 02 0	993 72	36 1 00	58 10 7	...	0 02 69	1 22 48
Clevela	13 233	652 06	7 23 20	97 02 2	935 85	71 6 00	15 40 0	...	0 02 xx	1 23 54
Albistan	13 264	561 06	6 09 02	97 02 1	954 90	51 5 10	24 40 0	...	0 51 83	1 08 xx
Chaverny	13 210	593 09	8 22 15	97 02 2	965 79	00 9 07	15 11 6	...	0 06 72	1 22 22
President Monroe	13 169	553 12	3 21 25	97 02 0	986 78	34 3 00	55 40 0	...	0 00 77	1 21 36
Albistan	13 255	570 12	0 13 09	97 02 0	930 92	00 9 00	34 40 0	...	0 51 84	1 13 31
Chavaray	13 216	596 12	3 22 12	97 02 0	952 81	30 6 80	15 61 3	...	0 00 72	1 21 22
Caltex Utrecht	12 233	660 12	7 24 13	97 02 2	960 84	75 5 00	64 x xx	...	0 02 60	1 24 32
Dudura	13 248	659 18	7 25 13	97 03 1	990 82	75 6 00	45 40 0	...	0 52 78	1 25 xx
Cheverny	13 230	590 18	3 14 10	95 02 0	969 82	18 6 60	75 20 9	...	0 56 81	1 14 22
Albistan	13 247	578 18	2 13 09	98 02 0	956 89	21 7 00	24 40 0	...	0 52 84	1 13 3x
Cheveray	13 230	590 18	3 14 10	96 02 0	969 82	18 6 60	15 20 9	...	0 56 81	1 14 23
Caltex Utrecht	13 236	648 18	3 24 09	97 02 1	980 82	35 5 00	64 x xx	...	0 50 77	1 24 32
Mohamadi	13 234	653 18	5 22 13	98 02 1	993 82	43 6 06	55 2 15	...	0 52 79	1 21 33
Dwarka	13 249	650 18	6 13 05	98 03 1	990 82	64 6 00	25 8 15	...	0 52 77	1 13 53

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT T$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	...													
Chittagong	00 00	...	Misda	..	...	...	...	...	.		...	...	..	...
Dacca	...													
Jiwani	00 00	996 288 242	..	...	380 182 999	...	089 158 999	375 045 999	834 538 999	579 605 999	973 755	255 968	440 125	681 285
Karachi	00 00	975 265 258	...		419 210 210	...	076 132 115	356 080 999	833 518 999	577 615 999	300 735	...	...	...
Lahore	...													
Multan	...													
Peshawar	00 00	956 292 275	..	..	370 218 218		029 105 105	298 048 015	760 532 725	491 638 999	623 762	639 960	292 088	
Quetta	00 00	824 290 160	Misda	...		...	...		...	...	...	...	...	

At Significant Levels

STATION	Time of ascent in G.M.T	PPPTTT T$_d$T$_d$T$_d$									Max. Height Reached PPPTTT T$_d$T$_d$T$_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	...												
Chittagong	00 00	...	Misda	...	..	...	...	...		—	...	..	...
Dacca	...												
Jiwani	00 00					...	—	..	...	—	100 285 999	...	...
Karachi	00 00	900 265 225	800 185 175	350 668 999	260 800 999	...	..	...	..	..	260 800 999	...	...
Lahore	...												
Multan	...												
Peshawar	00 00	922 228 228	900 220 220	800 175 175	350 690 999	250 852 999	135 128 999	..	...	..	135 128 999	..	...
Quetta	00 00	...	Misda	...	...	...	...	...	...	..	...	..	

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in cent.ths of oC.
St:-Character of tropopause.

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

UPPER WIND DATA*

Height in Kms. s.s.l.→	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	At 1200 hrs. G.M.T † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	18 12	16 14	16 16	16 13	17 14	...	...	..	...	12 10	13 06	10 06	12 07	14 08	15 09	14 08	13 10	...	—	...	...	...	..	...	...	...
Chaklala	...								...								...	...	...	...	...		...	...	...	...
Chhor	21 13	21 14	20 17	18 10	03 05	35 13	36 08	02 03	27 16	27 21	23 24	22 22	24 08	26 06	34 09					...	...		...	...	...	...
Chittagong	15 18	16 24	17 32	...		...	...	...	...	15 23	16 33	16 33	...	...	...	18 23	17 29	17 32		...	...	...	...	...	...	.
Cox's Bazar	16 19	16 18	16 22	17 22	20 19	...				19 10	19 18	18 18				21 22					...	...	...	...	...	...
Dacca	13 07	xxxx	15 12	15 10	16 10	16 10	17 12	17 15	18 12	16 06	17 06	19 07	17 06	14 07		14 12	15 12	15 14	16 14	15 11	16 09	17 11	17 14	...	...	—
Dalbandin	..	—	29 01	03 03	07 04	12 04	46 17	05 29	06 26	...	—	20 01	24 11	26 09	27 07	...	...	23 01	23 11	23 06	04 06	06 07	14 14	13 16	08 28	07 37
D. I. Khan	—	—	—							—	—	—	...	...	...	...	...	—	—			—	...	...	...	...
Drosh	...	—	...		23 13	21 13	21 10	19 07	36 03	—	...	—	23 06	23 07	29 03	...	—	...	...	27 05	23 09	24 17	32 10	33 12	26 09	...
Fort Sandeman	...	—	...	03 02	27 02	28 07	34 17	36 21	01 24	...	...	...	06 05	06 02	33 12	...	...	...	10 03	35 02	32 07	03 14	04 21	04 12	03 09	02 06
Jacobabad	14 08	13 06	11 05	04 04	36 12	35 11	36 02	30 06	36 06	19 09	20 06	23 03	29 05	29 12	31 12	16 03	17 03	22 03	27 05	33 12	04 11	05 15	05 12	07 14	07 14	...
Jessore	14 13	15 12	16 13	17 09	13 10	...				15 05	15 06	14 05	13 03	..		11 05	11 07	13 08			...	..	...	...	...	..
Jhelum	17 03	18 05	17 04	09 01	33 05	34 06	36 09	36 12	34 16	10 03	12 07	14 04	17 03	32 06	33 11	14 03	13 03	05 03	33 04	34 06		...	—	—	...	...
Jiwani	14 21	xxxx	10 12	10 13	06 12	02 10	...	...	...	09 16	10 14	11 13	...	...	...	10 19	10 21	10 15	11 09	—	...	...	...	..	...	...
Karachi	22 10	23 09							...	25 10					...	25 10	26 11								...	...
Khanpur	20 03	21 03	21 04	21 05	07 01	03 04	35 06	33 14	32 13	19 21	20 25	21 35	24 15	27 15	...	23 08	22 13	21 11	18 05	13 02	33 09	36 12	36 10	05 10		
Lahore	20 04	22 06	23 06	27 08	27 09	31 12	34 12	34 05	33 15	17 05	23 06	26 03	...	...	...	21 01	26 01	25 01	32 07	32 09	34 07	35 10	35 09	31 10	04 19	01 14
Multan	22 06	19 07	20 06	16 03	17 04	28 06	34 16	32 15	33 12	21 17	22 13	23 11	23 06	03 09	34 10	22 05	21 08	20 06	20 09	08 03	33 10	03 14	04 23	04 20	06 15	04 14
Mugut	—	—	—	—	...	—	...	—	...	—	—	—	—	...	...	—	—	...	...	...	...	...	—	...	—	...
Panjgur	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	.	...	...	...	...	...	...	...	...
Peshawar	—	05 05	11 06	17 10	20 07	31 12	01 14	01 19	29 19	...	34 07	30 05	23 07	20 03	34 02	—	05 02	29 01	32 04	30 04	32 08	36 12	03 08	05 12	06 06	05 05
Quetta	..	...	...	...	30 03	28 03	06 08	05 10	03 23	..	...	...	...	19 05	30 15	..	..	.	—	31 03	33 08	06 01	07 03	06 07		
Sharjah	...										..	..	...	..			...								...	...
Sylhet	06 01	17 02	19 05	20 08	20 18	18 05	xxxx	17 06	15 04	16 10	17 11	...	...	...	..	17 11	18 13	18 11	18 13	19 11	19 13	17 10	25 03	18 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. s.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Misda																	
Karachi	26 14	27 13	25 13	25 11	20 07	12 09	12 07	16 04	18 04	09 05	09 13	07 13	08 13	07 23	09 26	08 34	08 42	[illegible] 43
Peshawar	Misda		...	..	..	..		...	...	...	...	...	...			...	...	—
Quetta																		

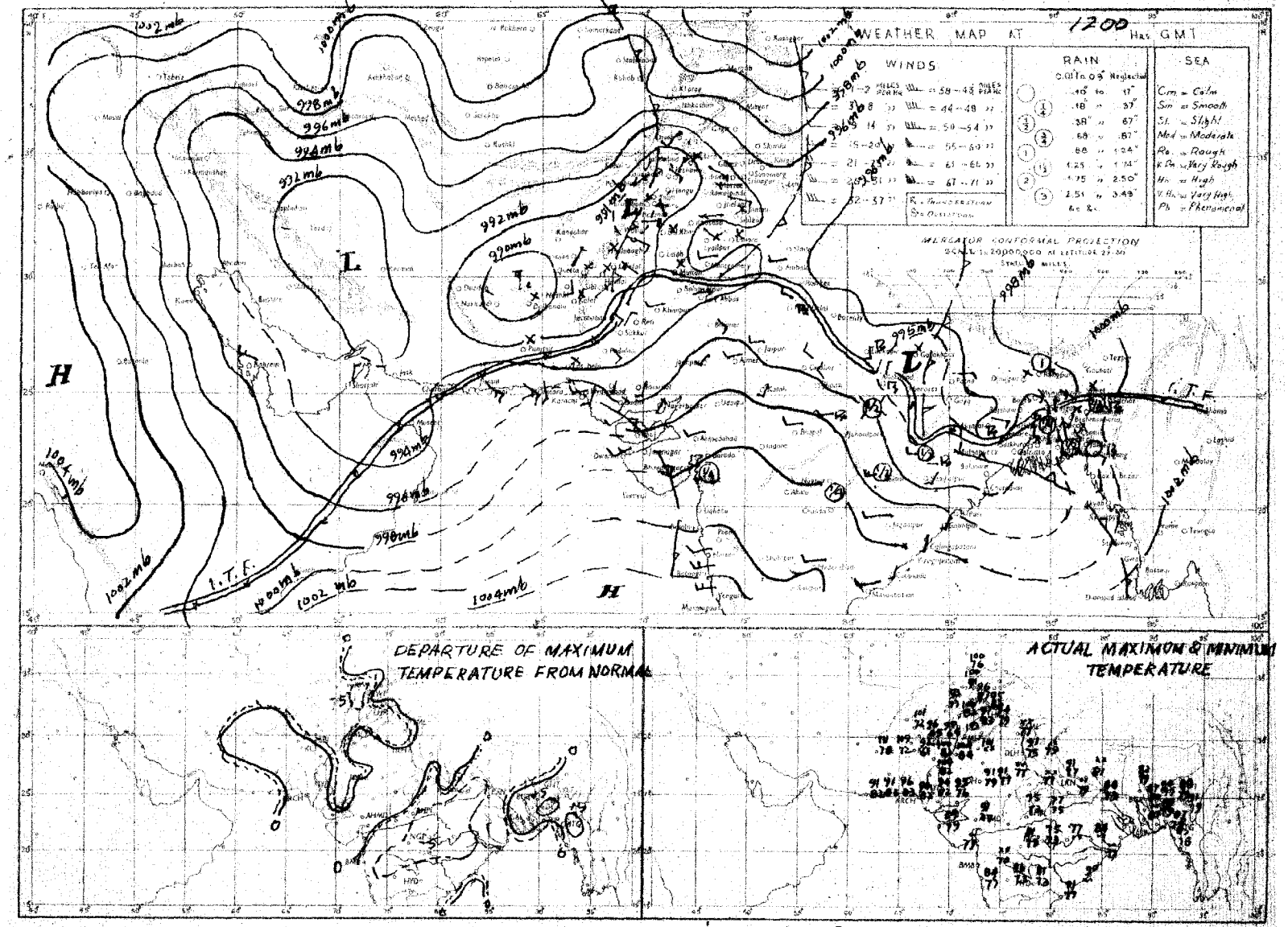
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii 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 9th AUGUST, 1959.



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

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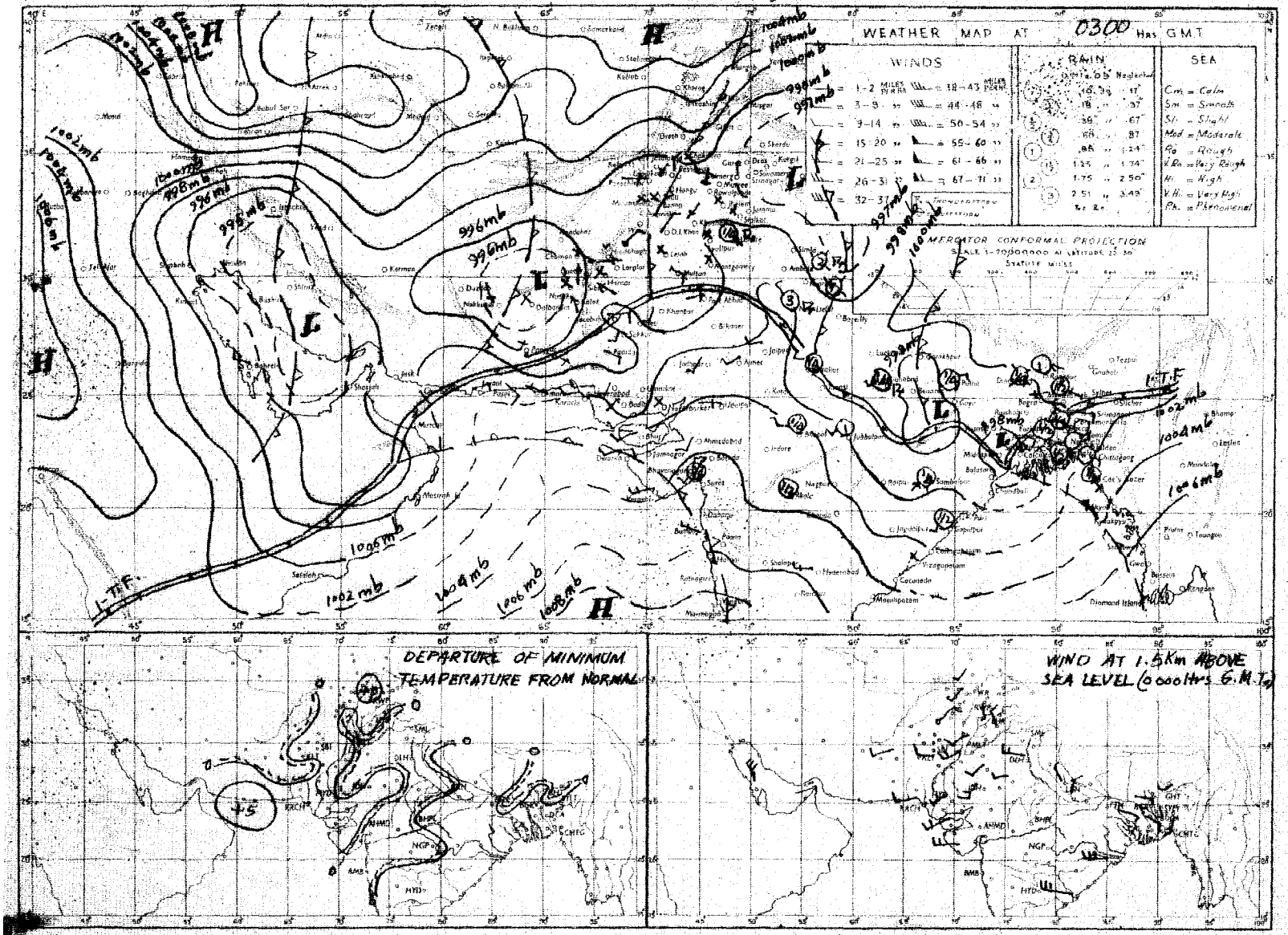
PAKISTAN DAILY WEATHER MAP

MONDAY 10th AUGUST, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

TUESDAY THE 11th AUGUST 1959.

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

Yesterday's low over Bihar and adjoining West Bengal persists. It has caused fairly widespread rainfall in Chittagong and Dacca divisions and local in Rajshahi division.

The low pressure wave over Peshawar division is moving across Kashmir and adjoining Rawalpindi division.

A trough of low lies over Oman and adjoining areas.

Weather remained mainly dry over West Pakistan.

Chief amounts of rainfall are: Cox's Bazar 5", Chittagong 1½", Maijdee Court, Sirajganj and Rajshahi 1" each, Srimangal ½" and Narayanganj and Bogra ¼" each.

Day temperatures were 2—5 °F above normal in north Kalat, Quetta, D. I. Khan and Peshawar divisions and in the Federal Capital Area and East Pakistan.

Forecast valid until the evening of 12th August, 1959 Fairly widespread rain/thundershowers will occur in Dacca and Chittagong divisions and local in Rajshahi division. Scattered thunderstorms/showers may also occur in the hills of Rawalpindi division and in Kashmir.

Heavy Rainfall Warning: Locally moderate to heavy rain will fall in Dacca and Chittagong divisions during next 24 hours.

Karachi-11
The 11th August, 1959.

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

OBSERVATIONS

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

DIVISIONS	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar ...	000	9	5	16	07	96	15	6	005	81	3	5	6	5	9	78	84
	Chittagong ...	000	7	5	16	09	96	02	6	994	82	5	2	6	0	0	xx	86
	Maijdee Court ...	005	6	5	13	09	97	03	6	978	83	3	4	7	1	0	78	88
	Comilla ...	000	0	8	18	09	96	03	2	991	85	8	4	5	x	x	78	89
	Brahmanbaria ...	000	0	4	13	03	97	03	0	976	86	4	4	5	0	0	79	90
	Sylhet ...	003	5	6	05	02	96	03	6	979	86	5	4	6	3	0	79	89
	Srimangal ...	021	5	8	0	00	94	62	6	978	85	8	8	4	x	x	80	92
Dacca	Mymensingh ...	000	0	6	13	02	98	02	1	983	88	2	2	5	0	8	78	90
	Narayanganj ...	000	9	7	16	02	96	03	2	967	88	3	4	4	0	8	80	89
	Dacca (Tezgaon) ...	000	9	6	18	07	98	03	1	960	87	3	8	5	0	1	79	89
	Faridpur ...	000	6	4	16	03	96	02	1	960	87	3	4	8	1	3	79	89
	Barisal ...	000	0	8	13	02	97	03	5	973	85	8	6	7	x	x	78	88
Rajshahi	Khulna ...	000	0	6	00	00	97	01	2	970	84	6	5	7	0	0	79	90
	Satkhira ...	000	0	2	00	00	96	01	0	967	.4	x	x	x	x	x	xx	xx
	Jessore ...	000	0	2	18	02	97	01	1	961	85	2	4	6	0	0	85	91
	Sirajganj ...	033	4	4	00	00	98	03	6	959	86	4	1	7	0	0	86	89
	Bogra ...	000	0	6	13	02	96	03	1	961	88	4	4	6	0	1	80	90
	Dinajpur ...	000	8	3	00	00	96	01	1	958	86	3	5	7	0	0	78	92
	Rangpur ...	000	0	4	13	02	96	01	1	xxx	87	2	2	6	2	0	80	90
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	8	3	00	00	96	04	1	943	97	3	1	6	0	0	79	97
	Sialkot ...	000	1	6	00	00	97	02	1	939	96	6	7	6	0	0	79	97
Rawalpindi	Jhelum ...	000	8	2	23	02	96	02	1	936	97	2	1	7	0	0	78	98
	Rawalpindi ...	000	0	2	18	02	99	01	1	941	95	2	1	8	0	0	77	96
	Khushab ...	000	0	4	09	02	98	03	0	930	96	4	2	6	0	0	77	97
Multan	Lyallpur ...	000	0	6	00	00	96	03	0	944	99	6	0	9	5	0	77	01
	Montgomery ...	000	0	0	00	00	96	00	0	940	01	0	0	9	0	0	78	03
	Multan ...	000	0	0	23	02	97	04	0	941	00	0	0	9	0	0	76	01
Bahawalpur	Laiah ...	000	0	0	00	00	96	08	0	939	99	0	0	9	0	0	71	09
	Khanpur ...	000	0	0	25	03	96	04	0	942	04	0	0	9	0	0	87	05
	Bahawalpur ...																	
	Fort Abbas ...	000	0	0	20	01	98	00	0	945	02	0	0	9	0	0	73	09
Peshawar	Chakdara ...	000	0	0	23	03	99	02	1	930	94	0	0	9	0	0	78	95
	Peshawar ...	000	0	1	05	05	96	05	0	924	01	1	2	6	0	0	72	02
	Haripur ...	010	0	0	09	02	97	00	0	961	93	0	0	9	0	0	78	99
	Campbellpur ...	000	0	0	18	05	98	00	0	955	99	0	0	9	0	0	74	99
D. I. Khan	Bannu ...	000	0	2	13	01	99	02	0	910	99	2	1	6	0	0	76	99
	D. I. Khan ...	000	6	0	00	00	98	00	0	930	02	0	0	9	0	0	80	03
Quetta	Sibi ...	000	0	0	23	02	99	00	0	926	04	0	0	9	0	0	74	05
Kalat	Nokkundi ...	000	0	0	13	02	98	02	0	904	11	0	0	9	0	0	xx	13
	Turbat ...	000	0	0	18	02	96	00	0	971	[illegible]	0	0	9	0	0	80	06
	Jiwani ...	000	0	6	16	12	96	02	2	978	97	6	5	5	0	0	75	91
	Pasni ...	000	0	0	13	17	97	00	0	980	84	0	0	9	0	0	79	90
	Ormara ...	000	0	0	23	09	98	00	0	980	89	0	0	9	0	0	78	94
	Las Bela ...	000	0	2	00	10	98	30	2	984	86	1	0	8	6	6	81	03
Karachi Federal Area & Hyderabad	Karachi (Manora) ...	000	0	4	23	10	97	02	1	988	89	4	6	4	0	0	82	91
	Karachi (Air Port) ...	000	0	6	23	10	96	02	2	988	86	6	5	5	0	0	75	89
	Badin ...	000	0	0	23	02	97	00	0	965	90	0	0	9	0	0	74	93
	Nagarparkar ...	000	0	6	00	00	96	02	1	938	97	6	8	7	0	0	76	99
	Umarkot ...	000	0	0	20	16	98	00	0	970	91	0	0	9	0	0	75	93
	Hyderabad ...	000	0	4	23	07	97	03	0	946	91	3	5	6	2	0	79	96
Khairpur	Pad-i-dan ...	000	0	0	13	07	97	02	0	942	03	0	0	9	0	0	75	03
	Nawabshah ...	000	0	3	18	12	96	02	0	956	00	0	0	9	0	1	78	01
	Sukkur ...	000	0	0	34	05	96	00	0	938	03	0	0	9	0	0	81	04
	Kashmore ...	000	0	0	18	08	99	00	0	938	01	0	0	9	0	0	74	05
	Jacobabad ...	000	0	1	13	07	96	02	0	941	02	1	1	7	0	0	77	02
Junagadh	Veraval ...																	
Afghanistan	Jalalabad ...																	
Arabia	Muscat ...																	
	Kuwait ...																	
	HILL STATIONS																	
Kashmir	Srinagar ...																	
	Gulmarg ...																	
	Sonamarg ...																	
	Dras ...																	
	Leh ...																	
	Skardu ...																	
	Misgar ...																	
	Aliabad ...																	
	Gilgit ...																	
Rawalpindi	Murree ...	000	4	8	31	03	95	03	4	406	71	8	5	2	x	x	67	73
Peshawar	Drosh ...	000	0	0	23	09	98	02	0	352	00	0	0	9	0	0	48	95
	Cherat ...	000	0	0	13	03	96	05	0	399	89	0	0	9	0	0	86	90
	Kakul ...	000	8	3	18	05	99	02	1	401	84	3	2	6	0	0	70	86
	Landi Kotal ...	000	0	0	13	03	98	03	0	388	92	0	0	9	0	0	69	94
D.I. Khan	Parachinar ...	000	0	0	13	02	99	00	0	794	83	0	0	9	0	0	62	xx
	Miranshah ...	000	0	0	05	02	99	00	0	394	95	0	0	9	0	0	71	97
	Wana ...	000	0	3	13	06	97	03	0	393	90	3	2	7	0	0	65	93
Quetta	Fort Sandeman ...	000	0	1	00	00	98	01	0	398	98	1	1	7	0	0	60	99
	Hindubagh ...	000	0	0	31	02	98	00	0	352	97	0	0	9	0	0	66	97
	Loralai ...	000	0	0	13	02	98	00	0	472	89	0	0	9	0	0	69	91
	Harnai ...	000	0	0	09	03	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta ...	000	0	0	36	02	97	00	0	381	95	0	0	9	0	0	53	97
	Chaman ...	000	0	0	34	02	98	00	0	399	03	0	0	9	0	0	11	05
Kalat	Kalat ...	000	0	0	31	05	97	02	0	391	90	0	0	9	0	0	45	93
	Nushki ...	000	0	0	18	05	98	02	0	432	08	0	0	9	0	0	52	09
	Dalbandin ...	000	5	1	23	02	96	01	0	406	88	1	1	8	0	0	45	10
	Panjgur ...	000	0	6	23	07	98	03	0	426	02	6	0	9	6	0	67	04
Afghanistan	Kabul ...	000	0	0	00	00	99	00	0	426	98	0	0	9	0	0	56	96
	Kandahar ...																	

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

DIVISIONS	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar ...	477	9	4	03	02	96	01	6	029	81	4	4	6	0	0	77	76	— 1	0	85.2	+ 8.6	101.0	140
	Chittagong ...	126	9	8	16	05	95	63	6	029	78	8	7	3	x	x	77	77	+ 1	+ 1	62.1	+10.3	94.2	[illegible]
	Maijdee Court ...	090	2	8	00	00	96	02	6	996	80	2	5	6	2	x	79	78	+ 2	— 1	62.6	+ 9.4	94.5	116
	Comilla ...	000	0	8	00	00	97	02	2	011	82	8	4	5	x	x	78	78	+ 2	+ 1	32.8	— 8.2	58.8	94
	Brahmanbaria ...	008	0	5	13	03	97	03	5	004	85	5	5	5	0	0	78	78	—	—	27.1	— 3.9	53.1	76
	Sylhet ...																							—
	Srimangal ...	055	9	4	00	00	96	03	9	001	85	4	8	5	0	0	76	76	+ 2	0	40.8	+ 3.1	74.7	98
Dacca	Mymensingh ...	000	0	8	13	02	98	02	2	003	83	8	4	5	x	x	79	77	+ 2	— 1	33.9	— 5.0	65.0	91
	Narayanganj ...	020	9	8	11	07	96	03	6	994	86	6	7	3	0	8	80	81	+ 2	+ 2	31.0	+ 1.0	52.1	74
	Dacca (Tezgaon) ...	010	9	7	13	07	97	02	6	990	85	7	8	5	0	1	80	79	—	—	31.2	—	47.8	—
	Faridpur ...	050	9	6	16	02	97	03	6	967	84	6	5	7	0	0	83	76	+ [illegible]	— 3	28.9	— 1.2	57.1	71
	Barisal ...	110	9	8	13	02	97	62	6	993	82	8	7	6	x	x	79	79	+ 1	+ 1	56.8	+20.1	69.0	81
Rajshahi	Khulna ...	000	0	8	00	00	96	03	2	994	83	8	5	5	x	x	79	81	+ 3	+ 3	40.0	+ 8.4	60.9	60
	Satkhira ...	000	0	8	00	00	95	03	2	988	84	x	x	x	x	x	81	81	—	+ 3	27.8	— 1.9	46.2	65
	Jessore ...	000	0	6	13	03	97	02	1	986	84	6	4	6	0	0	81	80	—	—	22.6	— 6.0	38.6	65
	Sirajganj ...	091	5	8	18	05	98	01	6	974	85	8	2	6	x	x	79	79	+ 2	0	24.0	— 3.9	50.1	64
	Bogra ...	021	4	8	00	00	96	51	6	989	81	8	7	4	x	x	80	80	+ 2	+ 2	20.4	— 9.8	79.5	69
	Dinajpur ...	000	3	8	00	00	96	02	2	991	83	8	4	7	x	x	80	81	+ 4	+ 2	25.5	— 7.6	42.8	72
	Rangpur ...	000	0	8	09	02	96	03	2	xxx	83	8	5	6	x	x	79	80	+ 1	+ 2	32.6	— 5.6	54.5	84
Kashmir	Jammu ...																							—
Lahore	Lahore (Jail Rd.) ...	000	6	7	27	03	96	03	1	968	87	1	5	7	7	0	77	83	— 1	+ 4	13.7	+ 4.8	17.5	19
	Sialkot ...	000	5	4	00	00	97	02	1	967	86	2	4	6	3	0	79	82	+ 2	+ 4	33.7	+19.3	39.6	32
Rawalpindi	Jhelum ...	000	8	2	09	02	96	01	1	964	89	2	0	9	3	0	79	84	—	—	30.1	—	32.3	—
	Rawalpindi ...	000	0	1	09	02	98	02	0	956	88	1	0	9	3	0	80	83	+ 1	+ 8	19.4	+ 5.7	32.5	36
	Khushab ...	000	0	0	00	00	99	00	0	956	95	0	0	9	0	0	79	81	— 3	0	12.0	+ 5.3	17.5	15
Multan	Lyallpur ...	010	0	0	16	02	96	00	0	956	88	0	0	9	0	0	76	86	+ 1	+ 6	6.5	+ 1.2	9.2	12
	Montgomery ...	000	0	0	00	00	96	00	0	967	87	0	0	9	0	0	71	85	+ 2	+ 3	2.2	— 3.0	4.4	10
	Multan ...	000	0	0	23	05	97	02	0	968	88	0	0	9	0	0	75	87	+ 2	+ 4	4.1	+ 0.7	6.2	7
Bahawalpur	Laiah ...	005	0	0	18	15	98	05	0	970	86	0	0	9	0	0	82	81	—	—	3.5	—	3.4	8
	Khanpur ...	000	0	0	23	03	96	00	0	979	83	0	0	9	0	0	77	82	+ 2	+ 1	0.3	— 3.2	1.8	6
	Bahawalpur ...																							6
	Fort Abbas ...	000	0	0	25	02	98	00	0	976	76	0	0	9	0	0	75	xx	—	—	3.3	—	3.7	4
Peshawar	Chakdara ...	000	0	7	00	00	97	03	1	965	84	7	0	8	6	0	76	78	—	—	8.3	—	18.9	—
	Peshawar ...	000	0	1	31	03	96	05	0	963	89	1	0	9	3	0	76	84	+ 3	+ 5	2.2	— 0.5	15.2	14
	Haripur ...	000	3	4	23	02	97	03	1	944	89	0	0	9	0	6	72	80	—	—	9.7	—	20.6	
	Campbellpur ...	000	0	0	00	00	98	00	0	942	90	0	0	9	0	0	80	80	—	—	13.7	—	17.6	—
D. I. Khan	Bannu ...	000	0	4	00	00	99	03	0	955	89	4	0	9	7	0	78	84	—	—	9.8	—	16.7	11
	D. I. Khan ...	000	0	0	00	00	98	00	0	953	90	0	0	9	0	0	81	84	+ 2	+ 3	9.8	+ 6.1	13.5	10
Quetta	Sibi ...	000	0	0	13	02	99	00	0	983	88	0	0	9	0	0	75	80	—	—	2.3	—	2.6	5
Kalat	Nokkundi ...	000	0	0	07	02	98	02	0	954	91	0	0	9	0	0	50	83	—	—	0	—	1.1	2
	Turbat ...	000	0	6	27	02	95	03	0	990	85	6	0	9	6	0	75	xx	—	—	2.1	—	6.6	—
	Jiwani ...	000	0	7	13	07	96	02	2	004	83	7	5	5	0	0	69	82	—	—	0.1	—	5.7	4
	Pasni ...	000	0	6	13	02	97	02	0	002	88	6	5	7	0	0	78	81	+ 1	+ 5	0	— 0.8	3.5	6
	Ormara ...	000	0	6	27	02	98	02	1	005	86	6	2	5	0	0	79	83	—	—	0.1	— 0.7	2.0	
	Las Bela ...	000	0	0	00	00	98	00	0	002	87	0	0	9	0	0	77	83	—	—	4.6	—	4.6	88
Karachi Federal Area & Hyderabad	Karachi (Manora) ...	000	0	6	25	14	97	03	1	001	85	6	6	4	0	0	81	82	+ 6	+ 3	6.5	— 0.2	6.5	8
	Karachi (Air Port) ...	000	0	7	27	14	96	03	1	004	83	7	6	5	0	0	73	82	—	—	9.3	—	9.6	—
	Badin ...	000	0	4	23	02	95	02	1	000	82	4	4	7	0	0	76	81	+ 1	+ 2	4.6	— 0.2	4.6	9
	Nagarparkar ...	000	0	4	00	00	96	02	1	008	89	4	6	7	0	0	65	81	—	—	7.7	—	7.3	—
	Umarkot ...	000	0	7	18	05	98	02	0	993	81	7	5	6	0	0	75	79	—	—	10.4	—	11.1	—
	Hyderabad ...	000	0	0	23	03	97	02	0	964	83	0	0	9	0	0	77	82	6	+ 3	6.4	+ 2.1	7.1	7
Khairpur	Pad-i-dan ...	000	0	0	11	05	97	02	0	970	85	0	0	9	0	0	73	79	—	—	4.7	—	4.9	—
	Nawabshah ...	000	0	0	18	07	96	02	0	978	86	0	0	9	0	0	76	80	—	—	3.0	—	3.7	—
	Sukkur ...	000	0	0	20	03	96	00	0	976	81	0	0	9	0	0	75	79	—	—	1.1	—	2.1	4
	Kashmore ...	000	0	4	18	05	99	02	0	978	83	4	0	8	4	0	74	82	—	—	—	—	—	—
	Jacobabad ...	000	0	0	11	09	96	02	0	977	85	0	0	9	0	0	74	82	— 2	— 1	3.7	+ 1.9	5.4	4
Junagadh	Veraval ...																							20
Afghanistan	Jalalabad ...																							—
Arabia	Muscat ...																							4
	Kuwait ...																							—
	HILL STATIONS																							
Kashmir	Srinagar ...																							26
	Gulmarg ...																							—
	Sonamarg ...																							71
	Dras ...																							26
	Leh ...																							3
	Skardu ...																							6
	Misgar ...																							—
	Aliabad ...																							
	Gilgit ...																							5
Rawalpindi	Murree ...	000	9	7	27	05	96	02	1	420	67	7	5	2	0	0	65	64	+ 1	+ 7	29.2	+ 7.1	53.5	59
Peshawar	Drosh ...	000	0	0	00	00	98	02	0	417	86	0	0	9	0	0	61	78	— 1	—	1.3	—	30.4	18
	Cherat ...	000	0	2	31	01	98	01	0	422	79	2	0	9	5	0	76	75	—	—	4.7	— 1.9	14.7	29
	Kakul ...	000	9	3	18	03	96	01	2	420	81	3	2	6	0	0	71	75	—	—	11.1	—	22.0	—
	Landi Kotal ...	000	0	0	05	02	98	00	0	414	85	0	0	9	0	0	69	xx	—	—	2.5	—	17.5	—
D.I. Khan	Parachinar ...	000	0	0	00	00	99	00	0	796	71	0	0	9	0	0	61	xx	—	—	—	—	—	29
	Miranshah ...	000	0	4	00	00	99	02	1	417	87	4	0	8	4	0	73	80	—	—	2.6	— 0.8	5.6	13
	Wana ...	000	0	2	00	00	98	03	3	414	87	x	x	x	x	x	66	72	—	—	3.5	—	12.5	11
Quetta	Fort Sandeman ...	000	0	0	05	02	98	02	0	421	84	0	0	9	0	0	69	74	+ 4	0	3.2	— 0.4	11.1	—
	Hindubagh ...	000	0	0	00	00	98	00	0	384	82	0	0	9	0	0	57	81	—	—	1.7	—	9.8	—
	Loralai ...	000	0	0	00	00	98	00	0	443	72	0	0	9	0	0	59	66	—	—	5.8	—	11.7	14
	Harnai ...	000	0	0	09	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.0	+ 0.1	8.4	8
	Quetta ...	000	0	0	00	00	95	00	0	407	79	0	0	9	0	0	59	64	—	—	2.8	+ 1.9	8.4	7
	Chaman ...	000	0	0	18	02	98	02	0	417	83	0	0	9	0	0	46	75	+ 5	+ 1	0.1	0	6.2	9
Kalat	Kalat ...	000	0	0	16	02	98	02	2	427	77	0	0	9	0	0	59	62	+ 3	+ 4	3.0	+ 2.0	7.9	—
	Nushki ...	000	0	0	18	05	98	02	0	461	91	0	0	9	0	0	58	85	—	—	0.4	—	2.2	5
	Dalbandin ...	000	0	0	27	02	96	02	0	408	86	0	0	9	0	0	51	81	+ 2	+ 9	0.3	0	2.3	4
	Panjgur ...	000	0	0	00	00	98	00	0	427	77	0	0	9	0	0	55	74	+ 2	—	1.2	—	2.9	12
Afghanistan	Kabul ...	000	0	0	00	00	99	00	0	461	69	0	0	9	0	0	50	55	—	—	—	—	—	—
	Kandahar ...																							

† Given in Code.

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

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

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

Whenever 999 is given for RRR see the summary above for the actual amount of rainfall

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 11th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O T_s T_s T_d T_d	$I d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Nichymaru	23 159	704 00	8 24 21	57 02 2	037 81	57 4 2x	75 71 3	...	0 03 75	...
Albistan	23 238	587 00	1 11 13	97 01 0	948 84	11 7 00	34 74 0	...	0 55 81	1 11 x2
Cheverny	23 246	579 03	7 06 10	97 03 1	992 86	74 5 00	75 22 7	...	0 55 79	1 06 21
Cheverny	23 251	575 06	6 10 12	98 02 1	005 90	62 6 00	75 21 3	...	0 52 81	1 10 21
Caltex Utrecht	23 242	621 06	2 13 01	98 01 1	983 82	20 8 40	64 xx x	...	0 00 77	1 13 20
Albistan	23 230	595 06	8 12 13	97 02 0	984 80	86 4 xx	34 40 0	...	0 54 74	1 12 x2
Mohamedi	23 217	631 06	7 22 18	97 15 2	008 81	43 6 60	54 40 0	...	0 00 81	1 22 33
Caltex Pernis	23 244	582 12	6 11 13	98 02 1	968 86	42 6 60		...	0 54 77	1 11 33
Cheverny	23 264	564 12	4 12 10	98 02 0	960 93	20 6 41	65 73 3	...	0 06 81	1 12 21
Albistan	23 220	599 12	1 20 13	97 01 1	963 76	11 8 00	34 62 0	...	0 00 72	1 19 32
Caltex Utrecht	23 244	610 12	2 13 03	98 01 1	009 71	22 5 00	64 xx x		0 03 77	1 13 20
Cheverney	23 263	555 15	6 04 06	97 02 1	960 91	20 6 44	65 40 0	—	0 01 82	1 49 21
Dwarka	23 235	675 18	5 18 09	98 02 2	009 82	54 6 00	35 40 3	...	0 52 79	1 18 53
Caltex Utrecht	23 248	595 18	2 13 03	98 02 1	985 82	22 5 00	64 xx x		0 53 77	1 13 20
Caltex Pernis	23 235	591 18	0 12 13	98 02 1	982 81	00 9 00		...	0 56 77	1 12 22
Cheverny	23 263	547 18	0 04 07	98 02 0	975 91	00 9 00	61 21 5	...	0 51 84	1 04 20
Albistan	23 210	595 18	1 20 13	97 02 0	986 73	11 8 00	34 40 0	...	0 00 72	1 20 34

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPPTTTT_dT°T_d	HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	...	Misda	..		...	...	...		...	-	...	..	...
Jiwani														
Karachi	00 00	997 278 242	..	...	390 185 999	...	069 165 999	348 035 999	806 548 999	536 628 999	967 778	249 975	432 145	...
Lahore	00 00	973 295 262	...	...	412 260 220	...	105 162 158	398 108 999	900 055 999			...	...	...
Multan														
Peshawar	00 00	955 302 252	..	..	420 242 228		051 132 115	333 078 555	812 518 692	556 605 999	711 748	...	...	...
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	...	Misda	...	..	...	...	...		...	..	...	...
Jiwani													
Karachi	00 00			...	...	...	...	..	...	...	150 145 999	...	...
Lahore	00 00	900 278 232	800 232 208	...	...	...	..	...	..	..	800 232 208	...	...
Multan													
Peshawar	00 00	922 262 255	900 262 242	800 205 098	350 675 999	250 830 999	225 878 999	..	...	...	225 878 999	..	...
Quetta													

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

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

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	14 06	15 09	17 09	16 10	14 10	...	—	...	...
Chaklala									
Chhor	20 17	22 20	22 20	26 10	34 10	35 17	34 12	02 07	31 06
Chittagong	18 17	19 19	19 24	...	...	.	...	...	...
Cox's Bazar		Ascent							
Dacca	14 08	15 12	16 14	16 12	16 12	18 17	15 12	10 17	09 12
Dalbandin			21 05	07 02	24 01	04 03	06 09	08 29	08 33
D. I. Khan	...	...	...						
Drosh	...				21 11	21 12	11 03	01 03	01 08
Fort Sandeman				08 01	15 05	06 10	14 14	12 21	13 21
Jacobabad	15 06	16 05	28 07	32 05	36 06	03 11	05 09	06 15	06 17
Jessore	19 06	19 04	19 01						
Jhelum	21 02	23 04	24 05	33 06	34 06	36 11	01 13	01 14	35 17
Jiwani	15 10	13 16					..	...	...
Karachi	22 11	23 08	27 08	27 08	21 08	11 09		...	
Khanpur	23 08	21 10	20 09	17 05	27 06	32 06	32 14	02 12	04 18
Lahore	29 04	27 05	28 05	29 08	31 10	32 13	03 11		
Multan	20 09	18 07	19 07	25 04	28 05	33 10	36 13	04 23	04 22
Muscat	—	...	...	..	..	...			
Panjgur	...								
Peshawar	...	05 06	11 05	17 07	21 08	34 18	36 05	36 15	34 18
Quetta					33 04	31 04	05 15	07 12	06 08
Sharjah									
Sylhet	35 06	20 04	19 13	19 17	20 15	20 13	16 12	11 05	10 04
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	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	18 10	18 10	17 09				16 09	16 11	16 14				...		—	..	..
Chaklala		12 04	25 03	27 05	30 03	03 10		27 02	22 02	30 05	30 07	36 07		...		...	...
Chhor	20 19	23 24	23 26	...	..	—	21 12	22 15		...	...			...		...	..
Chittagong	No	Ascent	...			...	No	Ascent	...			...	—	...		...	..
Cox's Bazar	No	Ascent								No	Ascent					...	...
Dacca	17 10	17 09	17 08	18 08	18 09	16 07	16 21	17 21	17 21	17 25	xx xx	17 22	13 12				
Dalbandin	...	..	24 10	24 15	30 10	31 12	...	...	25 03	26 11	28 03	03 05	14 06	11 14	06 20	09 20	09 28
D. I. Khan	...	...	...				...	...	..	...						...	...
Drosh		..	...	24 10	25 01	26 03	..	...	...	—	08 02	35 05	36 22	01 13	01 06		
Fort Sandeman				05 01	33 03	32 20				18 02	32 03	33 10	36 04	36 07	35 07	12 14	08 04
Jacobabad	18 12	21 07	20 05	26 04	29 13	35 17	15 05	17 05	19 03	26 07	35 10	04 10	07 19	[illegible] 21	08 11	...	
Jessore	18 09	20 04	18 05	02 02	23 05	23 01	15 09	15 10						...	...	...	
Jhelum	12 08	20 08	21 05	24 13	28 10	32 10	15 04	20 04	25 04	30 09	31 07	35 03	34 08		...		
Jiwani	11 09	12 03		..			13 06	11 08	10 11	...	...	..	...	...		...	..
Karachi	25 19	26 33				...	26 12	27 13									
Khanpur	20 21	20 27	21 33	22 41	24 33		22 11	21 11	21 11	19 07	18 03	35 03	03 15	05 18	08 21	[illegible] 14	09 09
Lahore	19 12	20 12	24 10	27 13	32 09	36 07	28 08	27 15	31 15	30 10	33 09	29 04					
Multan	20 15	22 19	22 13	18 05	34 08	01 12	20 09	22 11	21 10	21 09	24 05	02 10	04 16	07 08	09 09	05 04	.
Muscat							...		...	...	...	...	...	...	...		...
Panjgur							...										
Peshawar		35 05	27 03	01 03	02 05	19 01	...	02 03	34 03	27 03	31 05	01 04	03 08	10 12	10 17	26 08	09 06
Quetta					31 06	31 13			..	...	30 01	32 15	35 02	08 03	06 02	04 03	
Sharjah																	...
Sylhet	17 08	18 11	19 17	22 05	21 10	...	16 05	17 05	18 10	17 10	18 13		...		...		...
Veraval	...					...	...	...	..	...	...	..	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Misda															...	...	...
Karachi	26 19	27 18	27 18	27 16	24 14	15 11	07 18	06 10	26 03	11 10	09 14	07 15	10 17	12 17	13 15	...	...	...
Peshawar		33 07	30 04	29 36	26 05	28 06	32 17	27 10	32 13	30 10	29 24	...	...			...	...	
Quetta																		

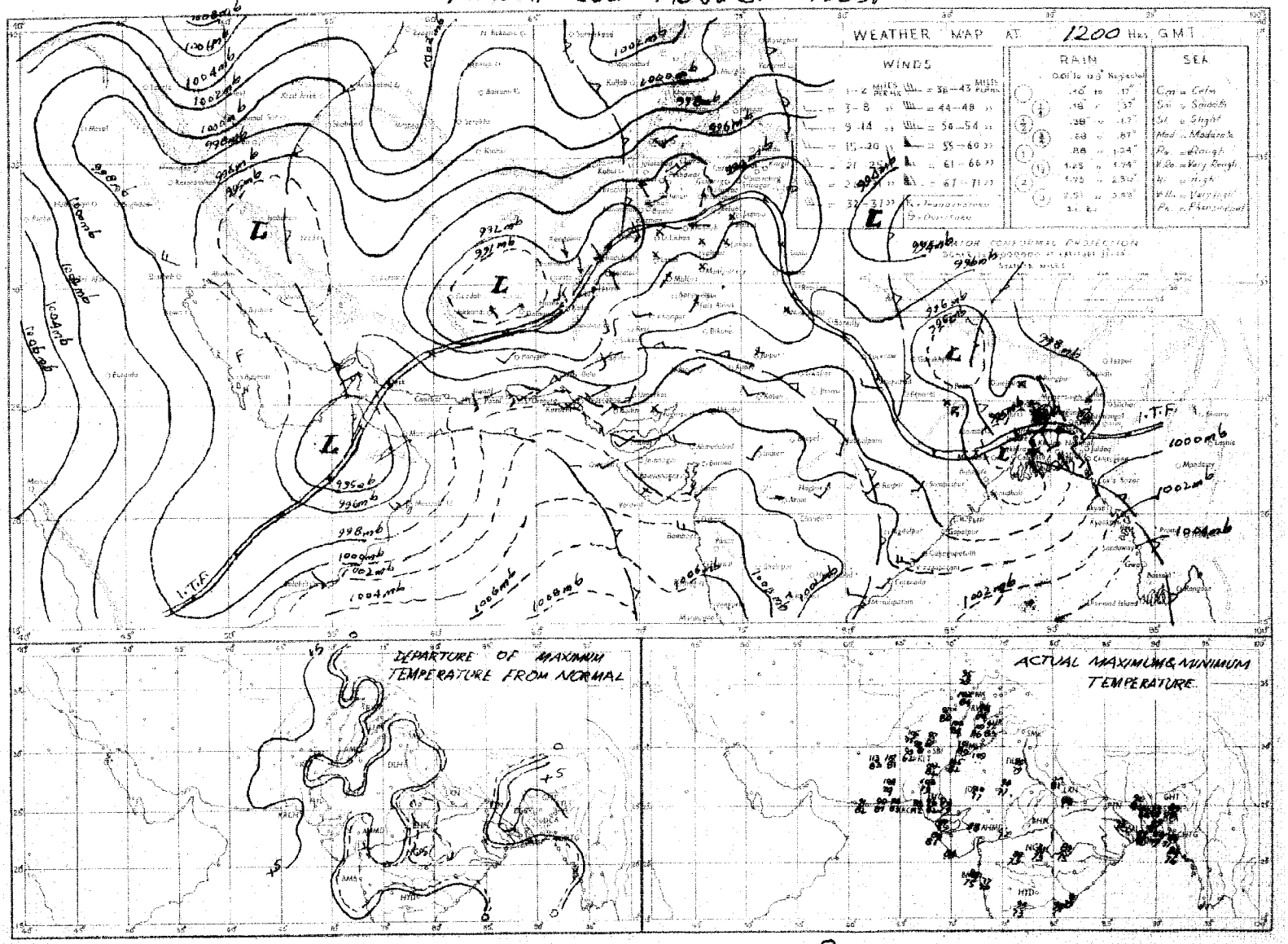
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGlfi $Cdd_{v,v,}$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 10th AUGUST 1959.



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

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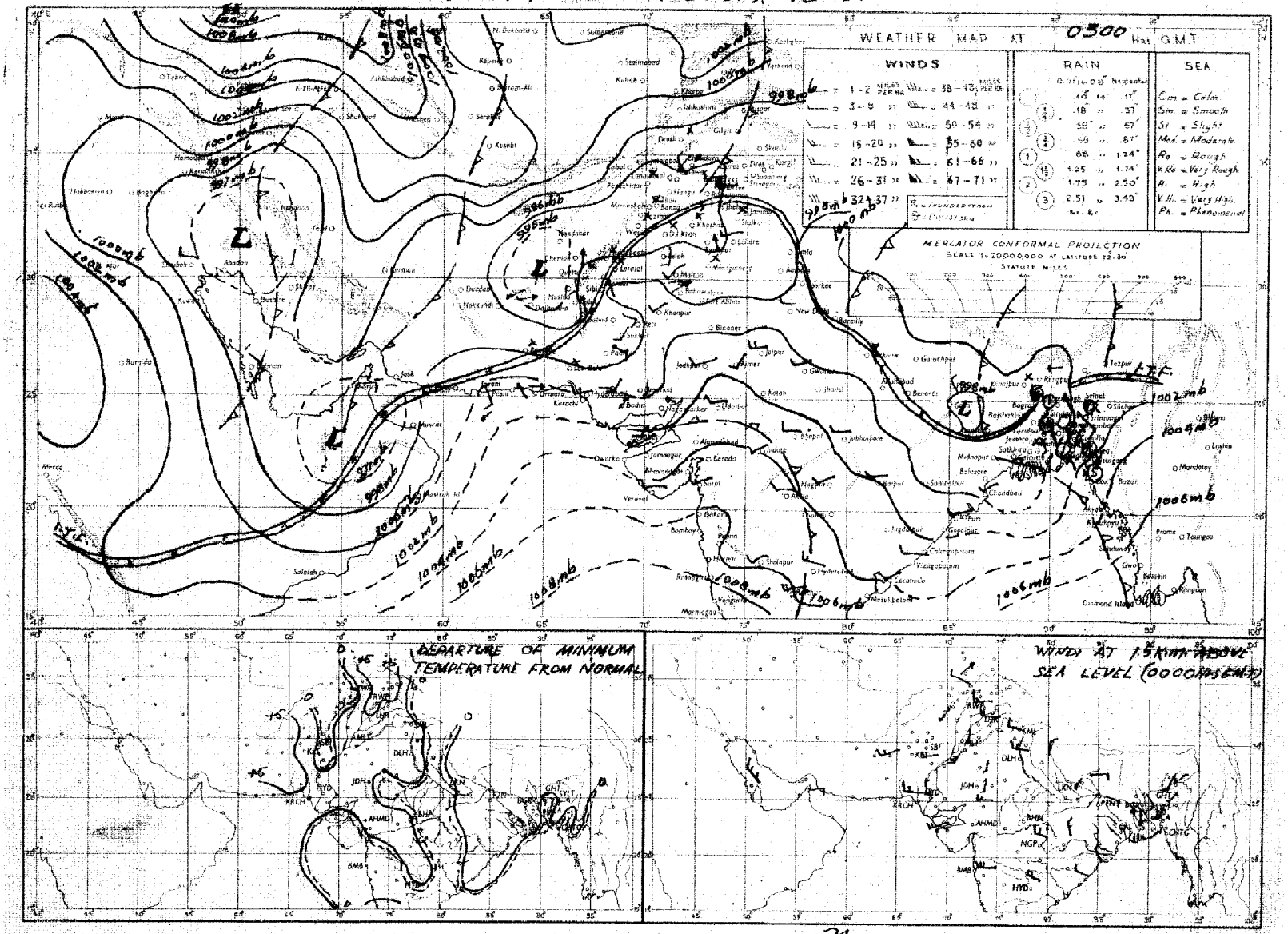
PAKISTAN DAILY WEATHER MAP

TUESDAY, 11th AUGUST, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

WEDNESDAY THE 12th AUGUST 1959.

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

Yesterday's low over Bihar and adjoining West Bengal has merged with the seasonal trough of low Pressure which extends from Utter Pradesh to West Bengal. Under its influence rainfall has been wicespread in Dacca division and fairly widespread in Rajshahi and Chittagong divisions.

The low pressure wave over Kashmir and adjoining Rawalpindi division has moved away eastwards after causing scattered light showers in Rawalpindi division.

The trough of low over Oman and adjoining areas has become unimportant.

A fresh low pressure wave is moving across Peshawar division and adjoining areas.

Chief amounts of rainfall are: Chittagong 4", Sylhet 3", Cox's Bazar and Satkhira 2" each, Barisal 1½", Maijdee Court 1", Bogra 3/4", Mymensingh, Narayanganj, Faridpur, Khulna and Jessore ½" each and Comilla, Dacca and Rangpur ¼" each.

Day temperatures were 2—5 °F above normal in Quetta, Kalat, Hyderabad, Peshawar, Lahore, Rawalpindi and Multan divisions and in the Federal Capital Area.

Forecast valid until the evening of 13th August, 1959. Fairly widespread rain/thundershowers will occur in East Pakistan and scattered thunderstorm/showers in Peshawar, D. I. Khan and Rawalpindi divisions and in Kashmir.

Karachi-11
The 12th August, 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	039	9	6	16	05	95	61	6	013	80	4	4	4	1	2	80	81
	Chittagong	323	8	8	16	09	96	61	6	000	79	8	4	4	x	x	78	79
	Maijdee Court	030	6	8	13	09	96	51	6	998	82	5	7	3	7	x	79	88
	Comilla	000	0	8	18	09	96	02	2	995	83	8	4	5	x	x	79	87
	Brahmanbaria	000	0	7	13	05	97	03	1	986	84	7	4	5	0	0	79	89
	Sylhet	245	2	8	00	00	94	95	9	993	79	7	3	4	2	x	78	90
	Srimangal	000	2	8	18	02	96	03	6	985	82	7	3	4	2	x	78	90
Dacca	Mymensingh	000	0	4	00	00	98	02	2	971	88	4	2	4	0	0	78	90
	Narayanganj	003	9	8	18	03	95	03	2	979	85	7	7	3	3	x	78	89
	Dacca (Tezgaon)	001	7	7	16	09	98	03	6	968	84	6	8	5	4	0	79	88
	Faridpur	000	9	3	16	02	97	03	0	958	84	3	5	7	0	0	80	89
	Barisal	025	4	5	00	00	97	03	6	984	82	3	7	5	4	0	79	83
Rajshahi	Khulna	000	0	8	13	05	96	02	2	976	83	8	7	6	x	x	79	86
	Satkhira	054	0	8	00	00	95	03	6	974	93	x	x	x	x	x	80	88
	Jessore	060	6	4	18	03	95	02	6	964	85	4	4	5	0	0	81	89
	Sirajganj	000	0	8	18	03	97	02	2	964	85	x	x	x	x	x	81	88
	Bogra	015	9	6	13	02	96	03	6	962	86	3	5	6	3	8	81	87
	Dinajpur	012	6	4	00	00	96	01	6	958	85	4	0	9	2	0	79	91
	Rangpur	010	4	7	13	02	96	51	5	xxx	84	7	5	6	0	0	80	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	3	00	00	96	01	1	945	59	1	2	7	0	6	77	99
	Sialkot	000	0	4	13	03	97	02	2	945	93	2	4	6	4	0	78	97
Rawalpindi	Jhelum	016	1	5	13	05	97	05	6	944	88	2	8	6	2	0	81	93
	Rawalpindi	003	0	2	00	00	99	02	0	936	98	2	1	8	0	0	79	99
	Khushab	000	0	0	09	02	96	05	4	942	02	0	0	9	0	0	75	03
Multan	Lyallpur	000	0	7	20	02	96	03	0	933	01	7	3	8	0	0	73	02
	Montgomery	000	0	0	00	00	96	00	0	939	01	0	0	9	0	0	72	02
	Multan	000	0	0	00	00	97	02	0	937	01	0	0	9	0	0	76	03
Bahawalpur	Leiah	000	0	2	18	11	98	03	0	932	98	2	4	8	0	0	74	10
	Khanpur	000	0	0	20	03	96	04	0	944	04	0	0	9	0	0	27	05
	Bahawalpur																	
	Fort Abbas	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chakdara	000	0	0	23	03	98	02	0	898	98	0	0	9	0	0	76	00
	Peshawar	000	0	1	05	09	96	05	0	915	03	1	1	6	0	0	77	04
	Haripur	000	0	0	23	01	97	00	0	896	88	0	0	9	0	0	85	93
	Campbellpur	000	0	0	13	07	98	00	0	942	02	0	0	9	0	0	77	02
D. I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. I. Khan	000	6	0	00	00	99	00	0	920	00	0	0	9	0	0	84	04
Quetta	Sibi	000	0	0	18	02	99	00	0	927	05	0	0	9	0	0	74	06
Kalat	Nokkundi	000	0	0	25	02	98	02	0	891	13	0	0	9	0	0	xx	15
	Turbat	000	0	0	18	02	96	00	0	971	03	0	0	9	0	0	78	05
	Jiwani	000	0	4	13	10	96	03	0	986	84	4	5	5	0	0	72	88
	Pasni	000	0	6	18	16	97	02	1	983	89	6	5	7	0	0	81	92
	Ormara	000	0	4	23	07	98	02	1	980	89	4	4	7	0	0	79	93
	Las Bela	000	0	0	00	00	98	00	0	964	85	0	0	9	0	0	80	02
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	25	16	96	03	2	987	88	5	6	4	0	0	81	89
	Karachi (Air Port)	000	0	6	23	14	96	02	2	988	86	6	5	5	0	0	75	89
	Badin	000	0	0	23	02	97	00	0	993	90	0	0	9	0	0	74	94
	Nagarparkar	000	0	4	23	02	96	01	2	941	97	4	6	7	0	0	76	99
	Umarkot	000	0	4	23	12	98	02	0	961	94	4	1	6	0	0	74	96
	Hyderabad	000	0	0	23	09	95	07	0	952	92	0	0	9	0	0	73	98
Khairpur	Pad-i-dan	000	0	0	13	05	97	02	0	935	03	0	0	9	0	0	73	05
	Nawabshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sukkur	000	0	0	25	02	96	00	0	931	04	0	0	9	0	0	76	04
	Kashmore	000	0	0	18	06	99	10	0	940	00	0	0	9	0	0	73	03
	Jacobabad	000	0	0	13	07	96	02	0	936	02	0	0	9	0	0	72	03
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	3	8	29	05	95	03	4	444	74	8	5	2	x	x	67	76
Peshawar	Drosh	000	0	0	23	14	98	02	0	347	01	0	0	9	0	0	54	07
	Cherat	000	0	0	23	08	96	05	0	406	90	0	0	9	0	0	89	92
	Kakul	000	8	4	18	05	99	03	1	408	85	4	4	6	0	0	74	89
	Landi Kotal	000	0	0	03	03	98	00	0	390	95	0	0	9	0	0	67	96
D.I. Khan	Parachinar	000	0	2	13	02	99	00	0	797	86	0	0	9	1	0	63	xx
	Miranshah	000	0	0	03	02	99	00	0	396	97	0	0	9	0	0	71	99
	Wana	000	0	2	11	06	97	00	6	382	92	2	0	9	4	0	65	93
	Fort Sandeman	000	0	1	05	03	98	02	0	397	00	1	1	7	0	0	61	00
Quetta	Hindubagh	000	0	0	31	02	98	00	0	343	99	0	0	9	0	0	52	98
	Loralai	000	0	0	13	02	98	00	0	468	91	0	0	9	0	0	69	93
	Harnai	000	0	0	00	00	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	13	02	97	00	0	392	96	0	0	9	0	0	57	98
	Chaman	000	0	0	27	02	98	00	0	388	03	0	0	9	0	0	17	05
Kalat	Kalat	000	0	0	34	07	98	02	0	387	93	0	0	9	0	0	53	95
	Nushki	000	0	0	27	01	98	02	0	465	09	0	0	9	0	0	65	01
	Dalbandin	000	5	1	23	07	96	03	0	401	09	1	1	7	0	0	41	11
	Panjgur	000	8	0	00	00	98	00	0	429	99	0	0	9	0	0	43	05
Afghanistan	Kabul	000	0	0	18	02	99	00	0	425	92	0	0	9	0	0	57	85
	Kandahar																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	700	9	8	20	10	93	62	6	037	79	7	4	3	2	x	79	77	− 4	+ 1	89.3	+ 9.5	105.2	140
	Chittagong	446	9	8	16	05	97	02	6	031	80	6	4	4	2	x	79	76	− 6	0	66.5	+13.9	98.7	108
	Maijdee Court	120	9	6	00	00	97	31	6	027	82	1	5	6	2	1	80	78	+ 2	− 1	63.8	+ 9.7	95.7	115
	Comilla	032	2	8	18	06	97	50	6	022	80	8	4	5	x	x	79	78	0	+ 1	33.2	− 8.4	59.1	94
	Brahmanbaria	007	0	8	13	07	97	03	5	020	81	8	5	5	x	x	78	79	—	—	37.2	− 4.4	53.2	76
	Sylhet	275	9	8	09	05	95	61	6	032	80	7	7	3	2	x	79	78	—	—	—		—	—
	Srimangal	002	8	4	18	03	96	03	6	029	85	4	4	6	0	0	77	78	0	+ 2	40.8	+ 2.6	74.7	98
Dacca	Mymensingh	057	8	8	13	02	98	02	6	020	82	8	4	5	x	x	79	78	+ 1	0	34.5	− 5.0	65.6	91
	Narayanganj	053	2	8	13	07	95	03	6	010	83	8	7	3	x	x	80	79	+ 2	0	31.5	+ 1.1	52.6	74
	Dacca (Tezgaon)	020	6	7	13	05	97	02	6	004	83	5	4	4	4	1	80	79	—	—	31.4		48.0	—
	Faridpur	045	9	4	16	02	97	03	6	010	84	4	5	7	0	0	79	78	+ 2	− 1	29.3	− 1.1	57.5	71
	Barisal	134	9	6	00	00	97	63	6	009	80	6	0	9	4	0	79	79	− 4	+ 1	58.2	+20.9	70.3	81
Rajshahi	Khulna	039	0	8	00	00	95	03	2	015	80	8	5	5	x	x	79	78	+ 1	0	40.4	+ 8.3	61.3	68
	Satkhira	176	0	8	00	00	95	03	6	008	82	x	x	x	x	x	79	77	0	− 1	29.6	− 0.5	49.0	65
	Jessore	060	0	8	18	03	97	03	2	001	85	8	4	6	x	x	80	79	—	—	23.2	− 5.8	39.4	65
	Sirajganj	000	0	8	18	03	98	02	2	997	84	8	2	5	x	x	78	83	+ 1	+ 4	24.0	− 4.3	50.1	64
	Bogra	088	0	8	09	02	96	02	2	001	84	5	6	4	3	x	81	81	− 1	+ 5	21.3	− 9.3	40.4	69
	Dinajpur	012	3	6	00	00	96	02	2	022	83	6	0	9	2	0	79	80	+ 2	+ 1	25.6	− 7.9	42.9	72
	Rangpur	016	0	8	18	02	96	03	2	xxx	83	8	5	6	x	x	79	80	− 1	+ 2	32.8	− 5.9	54.7	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	9	5	00	00	96	02	1	979	85	1	5	7	7	2	75	84	+ 1	+ 5	13.7	+ 4.6	17.5	19
	Sialkot	000	6	8	00	00	97	02	2	954	85	8	5	6	x	x	79	83	+ 3	+ 5	33.7	+19.0	39.6	32
Rawalpindi	Jhelum	016	9	7	13	03	97	02	5	974	87	5	4	7	7	0	79	84	—	—	30.2	—	32.5	—
	Rawalpindi	000	0	0	03	00	98	00	0	964	88	0	0	9	0	0	81	84	+ 5	+ 9	19.4	+ 5.4	32.5	36
	Khushab	000	0	0	00	00	96	05	4	976	90	0	0	9	0	0	80	85	+ 3	+ 4	12.0	+ 6.2	17.5	15
Multan	Lyallpur	000	0	0	25	02	96	00	0	955	87	0	0	9	0	0	71	85	+ 4	+ 5	6.5	+ 1.0	9.2	12
	Montgomery	000	0	0	00	00	96	00	0	977	87	0	0	9	0	0	72	83	+ 1	+ 1	2.1	− 3.1	4.4	10
	Multan	000	0	0	05	03	97	02	0	978	88	0	0	9	0	0	76	87	+ 4	+ 4	4.1	+ 0.7	4.2	7
Bahawalpur	Leiah	000	0	1	18	07	97	03	0	963	87	1	0	9	1	0	83	82	—	—	3.5	—	5.4	8
	Khanpur	000	0	0	25	05	96	02	0	975	85	0	0	9	0	0	79	82	+ 2	+ 1	0.3	− 3.3	1.8	6
	Bahawalpur																							6
	Fort Abbas	000	0	0	20	04	98	00	0	980	80	0	0	9	0	0	77	74	—	—	3.3	—	3.7	4
Peshawar	Chakdara	000	0	8	00	00	99	03	2	949	84	8	0	8	6	x	76	78	—	—	8.3	—	18.9	—
	Peshawar	000	0	6	31	03	96	05	1	962	88	2	5	7	3	0	78	85	+ 6	+ 6	2.2	− 0.5	15.2	14
	Haripur	000	3	3	13	02	97	03	0	945	89	0	0	9	0	6	65	83	—	—	9.7	—	20.6	
	Campbellpur	000	0	6	09	05	98	03	0	980	90	6	0	9	5	0	29	90	—	—	13.7	—	17.6	—
D. I. Khan	Bannu	000	0	2	05	01	99	03	0	952	89	2	0	9	7	0	79	86	—	—	9.8	—	16.7	11
	D. I. Khan	000	0	0	00	00	98	00	0	962	90	0	0	9	0	0	79	85	+ 4	+ 4	9.8	+ 6.0	13.5	10
Quetta	Sibi	000	0	0	18	02	99	00	0	964	88	0	0	9	0	0	73	81	—	—	2.3	—	2.6	5
Kalat	Nokkundi	000	0	0	23	02	98	02	0	955	89	0	0	9	0	0	40	85	—	—	0	—	1.1	2
	Turbat	000	0	6	31	02	95	03	0	971	84	6	0	9	6	0	78	xx	—	—	2.1	—	3.6	—
	Jiwani	000	0	8	13	03	96	03	2	005	81	6	5	5	3	0	70	80	—	—	0.1	—	3.7	4
	Pasni	000	0	8	29	07	97	02	0	004	83	8	5	7	x	x	74	79	+ 4	+ 3	0	− 0.9	2.5	
	Ormara	000	0	6	27	03	98	02	1	003	85	6	4	5	0	0	78	82	—	—	0.1	− 0.7	2.0	86
	Las Bela	000	0	0	00	00	98	00	0	001	85	0	0	9	0	0	78	82	—	—	4.5	—	4.7	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	25	10	96	02	1	000	84	4	6	4	0	0	80	82	+ 4	+ 3	6.5	+ 1.7	6.5	8
	Karachi (Air Port)	000	0	6	25	09	96	01	2	998	84	2	6	5	0	0	75	84	—	—	9.3	—	9.5	—
	Badin	000	2	8	23	02	95	03	2	012	82	8	9	7	x	x	76	81	+ 2	+ 2	4.6	− 0.3	4.6	9
	Nagarparkar	000	0	6	00	00	95	02	3	988	87	6	7	7	0	0	65	78	—	—	7.7	—	7.7	—
	Umarkot	000	0	4	20	09	98	02	1	986	81	4	0	9	1	0	68	79	—	—	10.4	—	11.2	—
	Hyderabad	000	0	0	23	05	97	02	0	982	84	0	0	9	0	0	84	82	+ 2	+ 3	6.4	+ 1.9	7.1	7
Khairpur	Pad-i-dan	000	0	0	13	05	97	02	0	969	85	0	0	9	0	0	73	80	—	—	4.7	—	4.9	—
	Nawabshah	000	0	0	13	05	96	02	0	976	85	0	0	9	0	0	76	81	—	—	3.0	—	3.7	—
	Sukkur	000	0	0	20	03	96	00	0	957	83	0	0	9	0	0	74	80	—	—	1.1	—	2.1	4
	Kashmore	000	0	0	18	06	98	00	0	977	84	0	0	9	0	0	74	82	—	—	0	—	0.1	—
	Jacobabad	000	0	0	11	07	96	02	0	974	85	0	0	9	0	0	75	83	− 1	+ 1	3.7	+ 1.9	4.4	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							
	Gilgit																							5
Rawalpindi	Murree	000	9	7	00	00	95	02	4	419	67	7	5	3	0	0	65	64	+ 5	+ 7	29.2	+ 6.4	53.5	59
Peshawar	Drosh	000	0	2	00	00	98	03	0	415	86	1	1	7	3	0	63	80	—	—	1.3	—	30.4	18
	Cherat	000	9	6	31	02	96	05	0	424	81	6	0	9	8	0	78	75	—	—	4.7	− 2.1	14.7	29
	Kakul	000	2	3	00	00	95	05	4	424	80	3	5	7	0	0	73	75	—	—	11.1	—	22.0	—
	Landi Kotal	000	0	2	05	02	98	03	0	414	87	1	0	9	7	2	69	xx	—	—	2.5	—	17.5	—
D.I. Khan	Parachinar	000	0	0	18	01	99	00	0	796	73	0	0	9	0	0	63	xx	—	—	—	—	—	29
	Miranshah	000	0	0	00	00	99	00	0	417	88	0	0	9	0	0	74	84	—	—	2.6	− 0.8	5.6	13
	Wana	000	0	0	00	00	97	00	6	403	80	0	0	9	0	0	77	74	—	—	3.5	—	12.5	11
	Fort Sandeman	000	0	1	05	02	97	01	0	411	86	1	1	7	0	0	73	80	+ 1	+ 6	3.5	—	12.2	—
Quetta	Hindubagh	000	0	0	23	01	98	00	0	396	76	0	0	9	0	0	53	75	—	—	1.7	—	9.8	—
	Loralai	000	0	0	00	00	98	00	0	450	70	0	0	9	0	0	62	66	—	—	5.8	—	11.7	14
	Harnai	000	0	0	27	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	4.3	− 0.7	8.6	8
	Quetta	000	0	0	00	00	95	00	0	406	74	0	0	9	0	0	61	64	—	—	2.8	+ 1.9	8.4	7
	Chaman	000	0	0	18	03	98	02	0	417	84	0	0	9	0	0	xx	71	+ 6	− 3	0.1	0	6.2	9
Kalat	Kalat	000	0	0	18	05	98	02	0	427	77	0	0	9	0	0	54	62	+ 5	+ 4	3.0	+ 2.0	7.9	—
	Nushki	000	0	0	13	09	98	02	0	461	91	0	0	9	0	0	58	85	—	—	0.4	—	2.2	5
	Dalbandin	000	9	0	00	00	96	02	0	402	84	0	0	9	0	0	48	78	+ 4	− 6	0	− 0.3	2.1	4
	Panjgur	000	0	0	00	00	98	00	0	425	76	0	0	9	0	0	67	72	—	—	1.2	—	2.9	12
Afghanistan	Kabul	000	0	0	00	00	99	00	0	419	73	0	0	9	0	0	56	59	—	—	—	—	—	—
	Kandahar																							

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 12th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhCLhCMCH	DsVs a PP	8 Ns Ch hs	0 TsTsTdTd	Idwdw PwHw
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Mozaffari	33 185	623 00	3 23 30	97 01 0	013 79	36 6 00	63 40 0	...	9 00 73	1 23 58
Albistan	33 202	590 00	3 20 18	97 02 0	981 73	00 9 08	54 40 0	...	0 04 70	1 20 xx
Cheverny	33 269	523 03	0 31 10	96 02 0	980 90	00 9 00	75 21 0		8 50 75	1 31 22
Princess Sophia	33 206	641 04	8 29 15	98 20 6	000 79	80 3 2x	76 40 0	...	0 41 65	1 21 45
Caltex Parwis	33 217	598 06	0 33 17	98 02 1	995 75	00 9 00		...	0 01 72	1 20 22
Albistan	33 195	585 06	7 20 18	97 01 2	989 74	00 9 07	54 40 0	...	0 04 xx	1 02 04
Iwabamaru	33 203	641 06	7 21 17	97 02 2	021 81	77 4 00	75 80 2	...	0 05 75	
Cheverny	33 276	508 09	8 23 10	96 07 2	985 90	00 9 07	75 20 3	.	0 04 75	1 32 22
Cheverny	33 280	502 12	5 32 10	97 07 2	985 86	00 9 07	75 40 0	...	0 52 72	1 32 22
Jambamaru	33 214	627 12	5 20 18	96 02 2	990 81	36 3 10	75 71 5	...	0 04 75	
Eihomaru	33 217	625 12	8 22 21	96 02 2	005 79	56 3 2x	74 62 5	...	0 00 75	1 22 65
Cheverny	33 284	694 15	0 32 08	96 07 0	981 90	00 9 00	74 70 3	.	0 04 66	1 32 21
Dumra	33 250	576 18	0 11 05	98 02 0	907 84	00 9 00	75 11 0	...	0 57 80	1 11 21
Karanja	33 171	714 18	5 25 13	98 02 1	xxx 79	52 4 70	55 10 8	...	0 03 75	1 25 34
Eihomaru	33 214	614 18	7 21 20	98 01 2	000 77	46 3 10	70 40 0	...	0 54 70	1 21 56
Chevernay	33 286	490 18	0 32 08	96 02 0	990 88	00 9 00	75 20 2	...	0 03 60	1 32 21
Albistan	33 179	573 18	1 20 24	97 02 1	990 73	00 9 07	54 22 0	...	0 03 46	1 20 35

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	...	Misds	..	..	...	...	...	..	...	...	...	..	...
Jiwani														
Karachi	00 00	996 282 232	—	...	400 198 999	...	065 142 999	342 058 999	802 540 999	538 612 999	964 745	245 972	425 140	672 272
Lahore	00 00	973 295 265	—	—	456 215 208	...	113 122 999	387 055 999	858 508 999	604 615 999	...	...	...	...
Multan														
Peshawar	00 00	954 305 262	..	..	350 265 242	...	054 182 162	356 125 055	866 052 542	652 570 999	984 675	...	—	...
Quetta	00 00	824 170 120	Misds	...	...	..	—	—	...	...	...	...	—	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong											—	—	—
Dacca	00 00	...	Misds	—	..	...	...	—		—			
Jiwani													
Karachi	00 00										100 272 999	—	-
Lahore	00 00	900 248 235	800 185 185	350 482 999	525 000 999	280 782 999	..	...	..	..	280 782 999	...	...
Multan													
Peshawar	00 00	900 272 252	800 252 232	350 625 999	250 658 999	230 690 999	—	..	—	...	230 690 999	..	—
Quetta	00 00	—	Misds	—		—	...	—		...	...	—	—

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

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

UPPER WIND DATA*

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	14 08	14 13	16 12	15 08	15 12	11 10	08 09	07 10	07 10	12 10	12 10	12 08	...	...	...	11 12	12 13	12 16	13 15	...	...	...	...	...	...	—
Chaklala	—	25 04	25 05	25 04	31 02	06 10	06 08	04 05	...	...	...	...	—	...	...	...	...	...	...	..	..		...	...	...	...
Chhor	21 18	23 22	23 23	37 13	30 13	32 12	..	...	...	21 15	24 16	19 27	...	...	...	21 20	22 19		...	...	—		—	..	—	...
Chittagong	No	Ascent	—	...	...	...	...	...	...	17 21	18 23	.	...	...	...	No	Ascent	...	..	...	...	...	...	...	...	.
Cox's Bazar	No	Ascent	—	...	...	...	...	...		No	Ascent	...	...	...	—	...	...		...	...	...	...	...	...	...	...
Dacca	17 15	18 18	18 24	19 27	20 27	19 20	13 17	11 16	06 16	17 10	17 11	...	...	...	...	16 08	17 11	18 10	16 12	18 10	20 10	...	—	...	...	...
Dalbandin	..	...	25 01	28 04	25 03	01 02	08 16	07 21	06 17	...	...	24 14	29 12	29 09	30 06	...	...	24 08	25 08	33 11	29 06	17 08	13 06	01 06	06 11	09 12
D. I. Khan	—	...	...							...	—	—	...	...	...	...	...	...	...	—	...	...	—	...	...	...
Drosh	...	...	...		22 09	20 12	07 07	36 13	36 12	...	—	—	22 01	20 06	25 10	...	...	—	...	xx xx	21 09	34 04	36 10	35 12	36 22	30 27
Fort Sandeman	...	...		36 03	03 03	33 17	36 22	11 03	17 11	...	...	...	05 02	08 06	33 15	...	...		36 01	08 01	36 07	36 05	08 01	10 05	12 05	14 10
Jacobabad	14 08	17 13	19 01	24 03	36 07	35 06	02 14	02 11	05 21	18 09	15 05	09 01	27 03	21 07	35 17	14 03	15 02	19 03	30 03	34 03	06 15	02 23	07 22	01 15	...	...
Jessore	18 14	19 15								19 09	18 09	17 07	19 09	20 09	...	17 08	17 10						...	...	...	...
Jhelum	23 03	23 05	24 07	31 07	32 07	36 10	35 13	34 11	35 18	12 10	13 17	15 09	21 03	24 03		13 03	14 03	21 05	29 10	32 04	33 13	36 25	—	..	—	—
Jiwani	15 11	12 13	10 10	36 01	06 05	08 10	...	...	...	16 05	17 03	...	...	...	—	14 04	12 04		...	...	..	...	—	..	—	...
Karachi	25 19	26 14	...							27 21	27 25	27 23	...	...	—	26 16	27 14		...					...	...	...
Khanpur	23 07	23 07	20 13	18 10	xx xx	33 07	33 15	03 20	01 11	19 17	19 22	19 28	21 34	22 35	...	20 10	20 10	20 09	15 04	13 04	01 04	02 25	06 21	07 15	...	...
Lahore	23 03	24 05	25 06	25 04	27 09	33 07	33 10	30 05	30 09	24 10	25 13	26 09	35 04	29 01	04 07	29 06	28 10	28 11	27 07	25 04	36 04	09 07	09 11	14 12	06 10	04 12
Multan	20 07	16 07	18 10	27 07	27 10	31 12	36 15	03 17	03 20	21 12	22 08	20 06	11 02	36 09	02 13	19 08	18 01	18 08	19 06	28 05	02 14	01 08	03 09	04 14	07 19	11 17
Muscat	...	...	...	...	...	..	..	..	..	...	...		...	...	...	...		...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...			...		.						...								...	...	...
Peshawar	...	06 09	09 10	13 09	18 08	28 05	01 10	04 04	10 09		33 05	31 04	17 02	12 03	32 10	...	35 07	31 03	21 02	22 04	29 07	09 10	...	...	...	...
Quetta	..	...	...	...	31 05	09 01	01 05	04 02	07 04		...	...	...	30 04	34 11	...		...	...	33 04	33 11	12 07	16 02	...		...
Sharjah	...	...	...	...	—	...	..	...	..	...	...	...	...	...					...	...			...	...	...	...
Sylhet	No	Ascent	...	...	...	...	...	..	...	...	...	...	...	...	...	14 04	17 06	17 14	...	...		...		...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...			...	..	...		...	...	...	...	...	...	...	..

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Misds																—	..
Karachi	27 21	27 23	28 22	28 17	28 19	28 06	06 23	05 26	07 23	08 16	07 17	06 16	08 15	11 25	11 25	11 43	—	—
Peshawar		33 11	28 12	28 08	22 06	25 08	26 10	28 11	28 09	29 09	23 15	23 18	22 21	..	..	—	—	..
Quetta																		

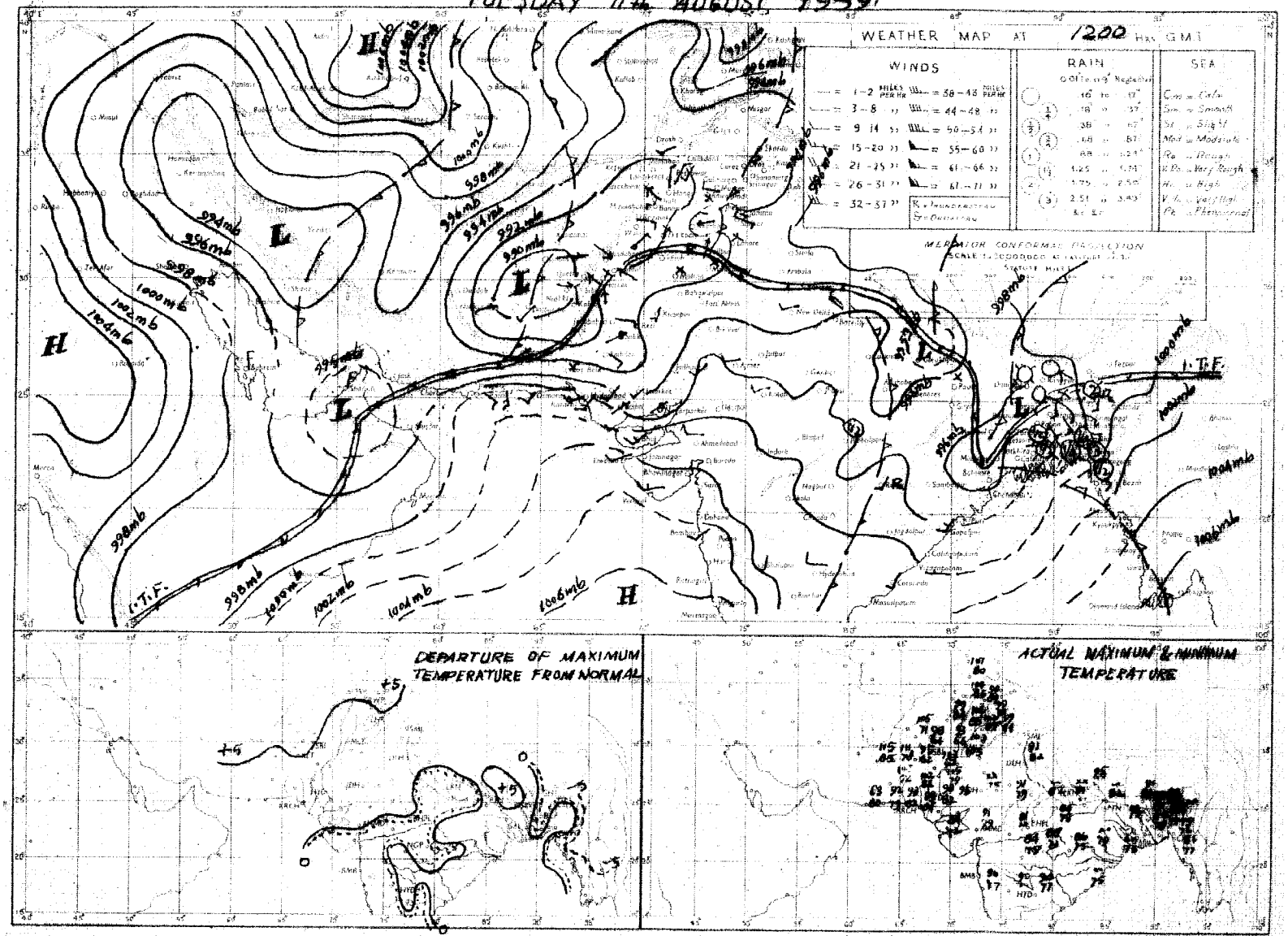
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv,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 11th AUGUST 1959.



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

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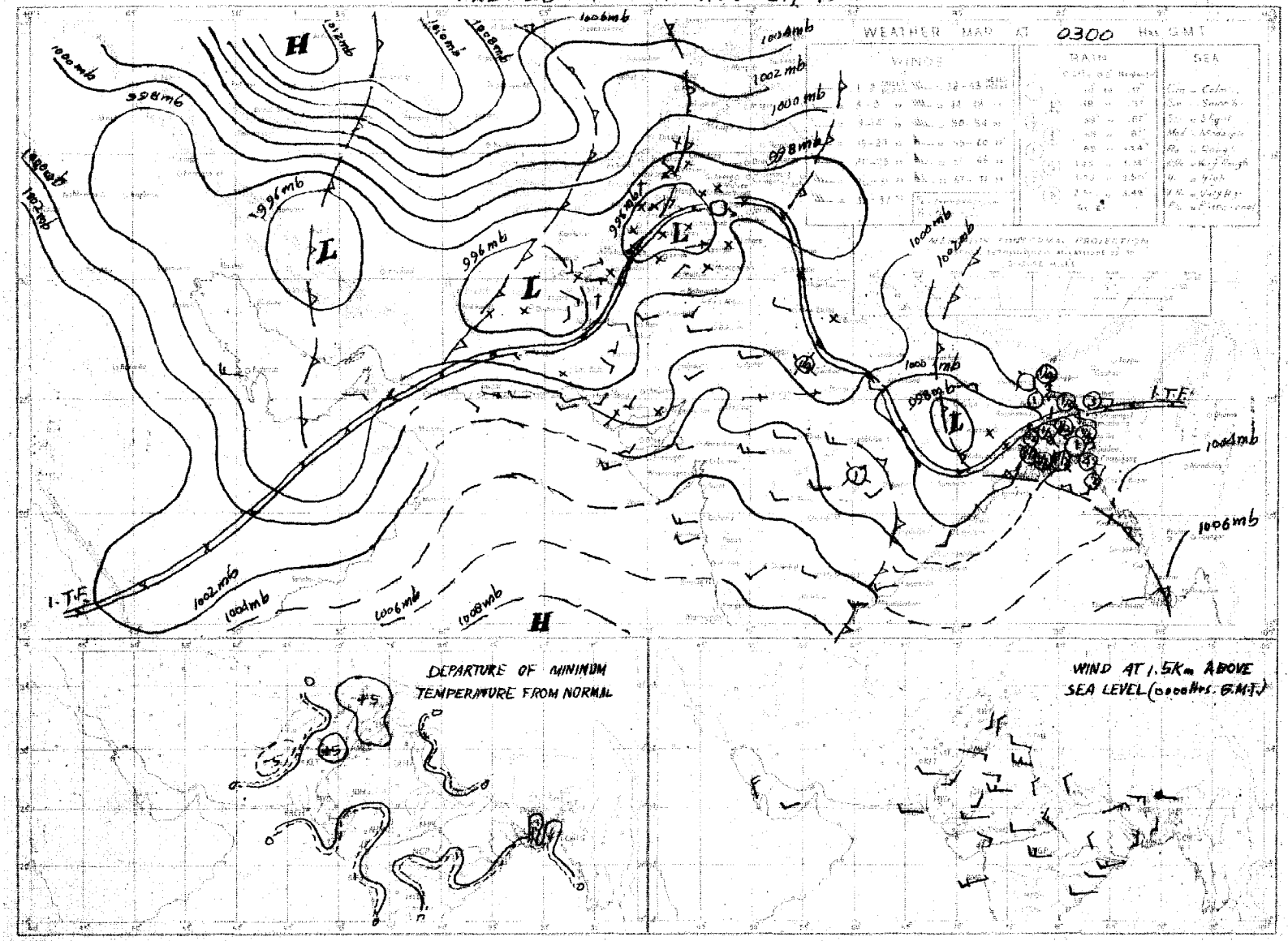
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 12th AUGUST, 1959



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

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Reg. No.S-1457
Volume No. 13

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 13th AUGUST, 1959.

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

Yesterday's pressure wave over Peshawar division is moving across Rawalpindi division and adjoining areas. It has caused scattered thunderstorm in Peshawar division and isolated light rain in Rawalpindi division.

A fresh low pressure wave is moving across north Afghanistan.

A trough of low lies over Hyderabad division and adjoining areas.

The seasonal trough of low extends from Utter Pradesh to north Bay of Bengal. Under its influence rain fall has been widespread and locally moderate to heavy in East Pakistan.

Chief amounts of rainfall are: Mymensingh 5", Cox's Bazar and Sirajganj 3" each, Chittagong, Maijdee Court, Comilla, Jessore and Bogra 2" each, Brahmenbaria, Satkhira and Rangpur 1" each Srimangal 3/4", Sylhet and Narayanganj ½" each and Dacca, Faridpur, Khulna and Dinajpur ¼" each.

Day temperatures were : 2—6 °F above normal over West Pakistan outside Khairpur division.

Forecast valid until the evening of 14th August, 1959 Fairly widespread rainfall will occur in East Pakistan and scattered thunderstorm/showers in D. I. Khan, Peshawar, Rawalpindi and Hyderabad divisions and in Kashmir.

Heavy Rainfall Warning:— Locally moderate to heavy rain will Continue to fall in East Pakistan during next 24 hours.

Karachi-11
The 13th August, 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	209	9	8	20	19	92	63	6	030	77	7	8	9	1	7	78	80
	Chittagong	115	8	8	16	06	99	60	6	020	78	8	7	3	1	1	78	81
	Maijdee Court	065	7	8	18	09	96	51	6	998	82	6	6	5	7	1	80	86
	Comilla	000	0	8	18	09	96	02	2	010	84	8	4	5	1	1	78	87
	Brahmanbaria	000	0	4	13	05	97	03	1	997	84	1	5	5	2	0	78	88
	Sylhet	036	2	8	00	00	95	63	6	003	79	5	5	5	2	1	77	89
	Srimangal	073	3	8	00	00	96	03	9	003	82	7	3	4	2	1	79	91
Dacca	Mymensingh	000	0	8	00	00	98	02	2	987	85	8	7	5	1	1	80	89
	Narayanganj	000	9	8	18	05	95	03	2	995	84	8	7	3	1	1	80	89
	Dacca (Tezgaon)	000	7	7	18	09	98	02	6	982	85	7	9	9	1	4	79	88
	Faridpur	006	3	7	16	05	96	02	6	971	86	5	4	7	1	0	79	89
	Barisal	078	4	8	13	02	97	61	6	995	82	8	0	8	7	0	79	82
Rajshahi	Khulna	000	0	7	18	05	96	01	2	991	83	7	5	7	0	0	80	88
	Satkhira	000	0	8	18	01	95	03	2	985	83	x	x	8	x	x	80	81
	Jessore	000	0	6	09	05	96	02	2	962	83	4	4	5	6	0	79	80
	Sirajganj	082	7	8	18	03	97	02	4	960	85	8	2	9	0	4	84	89
	Bogra	002	0	7	13	02	96	02	6	973	85	2	2	6	2	1	81	89
	Dinajpur	036	5	6	00	00	95	17	6	977	83	4	3	7	2	0	78	90
	Rangpur	012	5	7	13	02	96	01	5	111	85	7	6	5	1	1	81	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	5	00	00	96	02	2	945	99	1	5	7	3	4	75	03
	Sialkot	000	0	4	13	02	97	02	5	541	97	3	2	6	3	x	82	00
Rawalpindi	Jhelum	000	7	2	00	00	96	02	2	931	98	2	1	7	0	0	82	99
	Rawalpindi	000	0	2	36	02	99	01	1	965	98	2	1	8	0	0	78	00
	Khushab	000	0	0	09	03	96	05	4	937	03	0	0	9	0	0	70	04
Multan	Lyallpur	000	0	6	20	02	96	02	0	935	01	6	0	9	5	0	72	03
	Montgomery	000		0	00	00	96	00	0	939	01	0	0	9	0	0	70	03
	Multan	000	0	0	00	00	97	02	0	942	02	0	0	9	0	0	72	04
Bahawalpur	Leiah	000	0	8	31	12	96	03	1	930	94	5	5	7	3	0	81	06
	Khanpur	000	0	0	20	03	96	03	0	93[illegible]	05	0	0	9	0	0	88	05
	Bahawalpur	000	0	0	20	01	98	00	0	958	01	0		9	0	0	6	02
	Fort Abbas																	
Peshawar	Chakdara	000	0	0	00	00	98	00	0	965	98	0	0	9	0	0	80	00
	Peshawar	000	0	1	05	07	96	05	1	916	02	1	1	6	0	0	80	03
	Haripur	000	3	3	23	02	97	01	2	906	99	3	0	6	9	0	84	00
	Campbellpur	000	0	0	18	07	98	00	1	942	02	0	0	9	0	0	79	02
D. I. Khan	Bannu	000	0	0	16	01	99	00	0	918	03	0	0	9	0	0	73	04
	D. I. Khan	000	6	0	18	02	98	00	0	926	00	0	0	9	0	0	85	03
Quetta	Sibi	000	0	0	27	02	99	00	0	925	06	0	0	9	0	0	76	07
Kalat	Nokkundi	000	0	0	34	02	95	05	0	905	10	0	0	9	0	0	41	12
	Turbat	000	0	0	23	02	96	00		962	04	0	0	9	0	0	88	04
	Jiwani	000	0	3	18	05	97	02	0	979	95	3	5	5	0	0	72	87
	Pasni	000	0	0	20	16	97	00	0	975	88	0		9	0	0	73	91
	Ormara	000	0	0	27	09	98	00	0	971	89	0	0	9	0	0	78	91
	Las Bela	000	0	0	00	xx	98	00	0	963	00	8	0	9	0	0	71	05
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	27	16	97	03	2	977	85	4	6	4	4	0	78	89
	Karachi (Air Port)	000	0	7	25	14	96	02	2	976	87	4	6	4	3	0	75	89
	Badin	000	0	0	23	02	97	0	0	970	90	0	0	9	0	0	74	93
	Nagarparker	000	0	4	23	02	96	02	2	983	96	4	6	7	0	0	75	99
	Umarkot	000	0	7	20	10	98	00	0	960	93	7	1	6	0	0	74	95
	Hyderabad	000	0	0	23	07	97	02	0	957	94	0	0	9	0	0	75	98
Khairpur	Pad-i-dan	000	0	0	36	02	98	02	0	933	06	0	0	9	0	0	71	07
	Nawabshah	000	0	2	18	02	96	02	0	947	03	0	0	9	0	1	74	04
	Sukkur	000	0	0	02	02	96	00		933	03	0	0	9	0	0	80	04
	Kashmore	000	0	0	18	00	99	00	0	929	01	0	0	9	0	0	73	01
	Jacobabad	000	0	0	13	07	96	02	0	935	03	0	0	9	0	0	75	03
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	4	8	29	05	96	03	4	411	75	8	5	2	x	x	73	77
Peshawar	Drosh	000	0	1	23	12	98	01	0	362	99	1	1	7	0	5	58	03
	Cherat	000	0	0	13	07	97	05	0	413	92	0	0	9	0	0	92	94
	Kakul	000	8	3	18	03	99	02	1	411	87	3	2	6	0	0	71	88
	Landi Kotal	000	0	1	13	03	93	03	0	390	95	1	1	7	0	0	68	95
D. I. Khan	Parachinar	000	0	4	11	02	99	00	0	797	88	0	0	9	1	0	56	xx
	Miranshah	000	0	0	05	02	99	00	2	397	99	0	0	9	0	0	74	00
	Wana	000	0	0	11	17	97	00	6	393	92	0	0	9	0	0	65	95
Quetta	Fort Sandeman	000	0	3	05	05	98	03	0	396	98	3	1	7	0	0	62	01
	Hindubagh	000	0	0	00	00	98	00	0	323	99	0	0	9	0	0	67	99
	Loralai	000	0	0	13	02	98	00	0	468	92	0	0	9	0	0	67	94
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	00	00	97	00	0	312	97	0	0	9	0	0	51	99
	Chaman	000	0	0	20	02	98	00	0	400	05	0	0	9	0	0	46	07
Kalat	Kalat	000	0	0	05	02	98	02	0	387	92	0	0	9	0	0	34	95
	Nushki	000	0	0	18	05	98	02	0	465	10	0	0	9	0	0	71	12
	Dalbandin	000	0	0	23	05	98	02	0	397	11	0	0	9	0	0	43	13
	Panjgur	000	0	0	23	03	98	00	0	417	02	0	0	9	0	0	52	03
Afghanistan	Kabul	000	0	0	18	02	99	00	0	424	93	0	0	9	0	0	67	99
	Kandahar																	

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 cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	256	9	8	16	05	95	61	6	064	78	7	4	4	2	x	78	76	− 5	0	91.9	+13.2	107.7	140
	Chittagong	244	9	8	13	05	96	61	6	063	79	8	7	3	x	x	78	76	− 4	0	69.1	+15.6	101.1	109
	Maijdee Court	240	9	8	18	02	96	51	6	040	80	3	7	5	2	x	79	79	0	+ 2	66.1	+11.2	98.0	115
	Comilla	195	2	8	18	04	97	50	6	044	81	8	4	5	x	x	78	78	0	+ 1	35.4	− 6.8	61.4	94
	Brahmanbaria	100	0	8	13	05	96	60	1	049	80	8	5	5	x	x	79	78	—	—	28.2	− 4.0	54.2	76
	Sylhet	061	9	8	13	09	93	61	6	048	79	6	7	3	2	x	77	78	—	—	97.4	—	135.4	—
	Srimangal	087	5	8	18	02	94	51	6	049	79	8	5	4	x	x	77	77	+ 1	+ 1	43.6	+ 3.4	75.5	98
Dacca	Mymensingh	525	9	8	09	03	95	60	6	045	77	8	6	3	x	x	77	75	0	− 3	40.4	+ 0.4	62.5	91
	Narayanganj	042	9	8	18	02	95	03	6	036	83	6	7	4	2	x	80	79	+ 2	0	32.3	+ 1.4	53.5	74
	Dacca (Tezgaon)	035	7	8	18	07	97	61	6	030	82	6	3	4	x	x	80	79	—	—	32.8	—	48.3	—
	Faridpur	019	9	8	18	03	97	03	6	017	82	8	5	6	0	0	79	77	+ 7	− 2	29.4	− 1.4	57.5	71
	Barisal	...	...	...	...	...	...	...	...	...			...				...	...	− 5					81
Rajshahi	Khulna	019	0	8	13	05	95	03	2	037	81	8	5	5	x	x	78	79	+ 1	− 1	40.6	+ 8.1	61.5	68
	Satkhira	094	0	9	00	00	94	03	6	024	82	x	x	7	x	x	81	78	− 7	0	31.0	—	49.1	65
	Jessore	196	5	8	18	03	96	03	6	025	81	8	7	5	x	x	80	80	—	—	25.2	− 4.3	61.1	65
	Sirajganj	333	9	8	18	03	97	52	5	004	80	8	7	4	0	0	76	78	+ 2	− 1	36.9	− 1.8	51.7	64
	Bogra	179	9	8	13	02	95	61	9	025	80	7	7	4	2	0	80	79	+ 1	+ 1	22.0	− 9.0	41.1	69
	Dinajpur	036	3	8	00	00	96	02	2	012	83	8	4	7	0	0	79	80	+ 1	+ 1	26.0	− 7.9	43.4	72
	Rangpur	115	4	8	13	02	96	63	8	xxx	79	8	5	6	x	x	79	79	0	+ 1	35.9	− 5.2	55.8	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	9	5	23	02	96	02	1	975	88	3	0	9	4	6	73	86	+ 2	+ 7	13.7	+ 4.5	17.5	19
	Sialkot	000	6	6	05	02	97	02	1	971	89	6	4	6	x	x	81	84	+ 6	+ 5	33.3	+18.3	39.2	32
Rawalpindi	Jhelum	000	9	3	13	02	96	01	1	974	91	1	1	7	3	0	81	87	—	—	22.2	—	32.3	—
	Rawalpindi	000	0	1	11	02	98	00	0	972	89	0	0	9	0	8	79	85	+ 6	+ 10	19.4	+ 5.0	32.5	36
	Khushab	000	0	0	00	00	96	05	4	973	90	0	0	9	0	0	79	84	+ 4	+ 3	12.8	+ 5.1	17.5	15
Multan	Lyallpur	000	0	0	16	02	96	00	0	978	87	0	0	9	0	0	72	85	+ 5	+ 5	6.4	+ 0.8	9.2	12
	Montgomery	000	0	0	00	00	96	00	0	986	88	0	0	9	0	0	72	79	+ 2	− 3	2.2	− 3.2	4.5	10
	Multan	000	0	0	23	05	97	02	0	980	88	0	0	9	0	0	76	80	+ 5	+ 5	4.1	+ 0.6	6.2	7
Bahawalpur	Leiah	000	0	0	18	01	97	08	0	948	86	0	0	9	0	0	83	81	—	—	3.5	—	5.4	8
	Khanpur	000	0	2	30	05	96	03	0	985	88	0	0	9	0	0	80	84	+ 2	+ 3	0.3	− 3.3	1.2	6
	Bahawalpur	000	0	0	20	05	98	00	0	985	89	0	0	9	0	0	76	73	—	—	3.3	—	3.7	6
	Fort Abbas																							4
Peshawar	Chakdara	000	0	8	00	00	98	03	9	998	85	0	0	8	6	x	77	76	—	—	3.3	—	18.9	—
	Peshawar	000	0	1	00	03	96	05	0	xxx	xx	1	1	8	3	0	76	85	+ 5	+ 6	2.2	− 0.4	15.2	14
	Haripur	000	3	4	23	04	97	03	1	959	87	4	0	9	0	6	66	79	—	—	9.8	—	20.7	
	Campbellpur	000	0	4	13	03	98	00	0	986	92	0	0	9	0	0	79	81	—	—	13.6	—	27.5	—
D. I. Khan	Bannu	000	0	0	11	01	99	00	0	960	90	0	0	9	0	0	77	85	—	—	9.8	—	16.8	11
	D. I. Khan	000	2	1	13	02	98	01	1	966	91	0	0	9	0	1	79	84	+ 3	+ 3	9.8	+ 5.9	13.5	10
Quetta	Sibi	000	0	0	13	02	99	00	0	974	91	0	0	9	0	0	75	81	—	—	2.3	—	2.6	5
Kalat	Nokkundi	000	0	0	34	02	98	02	0	956	91	0	0	9	0	0	49	84	—	—	0	—	1.1	2
	Turbat	000	0	3	18	02	95	03	0	980	82	0	0	9	6	0	78	xx	—	—	1.2	—	5.6	—
	Jiwani	000	0	8	13	02	96	03	2	998	80	8	5	5	x	x	71	78	—	—	0.1	—	5.7	4
	Pasni	000	0	8	27	02	97	00	0	998	83	8	5	7	0	0	75	81	+ 3	+ 5	0	− 0.9	2.5	6
	Ormara	000	0	7	27	02	98	02	1	992	85	7	4	5	0	0	79	82	—	—	0.1	− 0.7	2.0	86
	Las Bela	000	0	0	00	xx	98	00	0	996	86	0	6	9	0	0	77	80	—	—	4.5	—	4.7	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	18	96	03	2	991	82	3	0	9	4	0	78	80	+ 4	+ 1	6.5	+ 1.7	6.5	8
	Karachi (Air Port)	000	0	8	27	09	96	03	2	989	83	6	6	4	4	0	76	82	—	—	9.3	—	9.5	—
	Badin	000	2	9	23	02	95	03	2	990	81	0	9	7	0	0	77	80	+ 1	+ 1	4.6	− 0.5	4.4	9
	Nagarparker	000	0	8	00	00	95	02	2	998	87	8	7	7	0	0	68	77	—	—	7.7	—	7.7	—
	Umarkot	000	0	7	18	05	98	00	0	985	81	7	0	9	2	0	75	79	—	—	10.4	—	11.3	—
	Hyderabad	000	0	4	23	03	97	03	0	985	84	2	5	5	2	0	77	81	+ 3	+ 2	6.4	+ 1.9	7.1	7
Khairpur	Pad-i-dan	000	0	6	13	07	96	03	0	977	85	6	0	9	7	0	75	82	—	—	4.7	—	4.9	—
	Nawabshah	000	0	3	16	05	96	03	0	982	84	3	0	9	3	0	77	81	—	—	3.0	—	3.7	—
	Sukkur	000	0	0	20	03	96	00	0	975	84	0	0	9	0	0	75	81	—	—	1.1	—	2.1	4
	Kashmore	000	0	0	18	06	99	00	0	980	85	0	0	9	0	0	73	84	—	—	0	—	0.1	—
	Jacobabad	000	0	0	16	05	96	02	0	980	87	0	0	9	0	0	75	84	− 1	+ 2	3.7	+ 1.8	4.4	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							
	Gilgit																							5
Rawalpindi	Murree	007	9	5	27	05	96	02	6	437	69	5	5	2	0	0	66	65	+ 6	+ 8	28.3	+ 4.9	53.5	59
Peshawar	Drosh	000	2	2	00	00	97	05	4	423	88	2	2	6	0	0	68	82	—	—	1.3	—	30.4	18
	Cherat	000	0	0	20	31	97	05	0	435	81	0	0	9	0	0	80	77	—	—	4.7	− 2.3	14.7	29
	Kakul	000	2	7	16	02	95	05	4	430	81	7	8	6	7	0	72	77	—	—	31.4	—	41.1	—
	Landi Kotal	000	0	1	05	01	97	03	0	416	88	1	2	7	0	0	68	xx	—	—	2.5	—	17.5	—
D. I. Khan	Parachinar	000	0	0	05	01	99	00	0	797	74	0	0	9	0	0	59	xx	—	—	9.7	—	23.7	29
	Miranshah	000	0	0	00	00	99	00	0	415	86	0	0	9	0	0	73	80	—	—	2.7	− 0.8	5.7	13
	Wana	000	0	0	23	02	97	00	6	424	81	0	0	9	0	0	70	76	—	—	3.9	—	12.9	11
Quetta	Fort Sandeman	000	0	1	31	02	97	02	0	435	85	1	1	7	0	0	62	83	+ 2	+ 9	3.5	− 0.3	12.2	—
	Hindubagh	000	0	0	00	00	98	00	0	401	77	0	0	9	0	0	56	76	—	—	1.7	—	9.8	—
	Loralai	000	0	0	09	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	4.4	− 0.6	8.6	14
	Harnai	000	0	0	18	02	95	00	0	408	77	0	0	9	0	0	69	68	—	—	2.8	+ 1.9	8.4	8
	Quetta	000	0	0	18	03	98	02	0	406	85	0	0	9	0	0	51	77	—	+ 3	0.1	0	6.2	7
	Chaman	000	0	0	18	03	98	02	0	406	85	0	0	9	0	0	51	77	+ 8	+ 3	0.1	0	6.2	9
Kalat	Kalat	000	0	0	18	02	98	02	0	425	78	0	0	9	0	0	60	64	+ 5	+ 6	3.0	+ 2.0	7.9	—
	Nushki	000	0	0	00	00	98	02	0	461	91	0	0	9	0	0	64	87	—	—	0.4	—	2.2	5
	Dalbandin	000	0	0	00	00	94	05	0	401	84	0	0	9	0	0	50	81	+ 6	+ 9	0	− 0.3	2.1	4
	Panjgur	000	0	0	00	00	98	00	0	423	81	0	0	9	0	0	62	74	—	—	1.2	—	2.9	12
Afghanistan	Kabul	000	0	0	14	00	99	00	0	479	75	0	0	9	0	0	59	60	—	—	—	—	—	—
	Kandahar																							

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 13th AUGUST, 1959

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV w_w W	PPP TT	$N_hC_LhC_MC_H$	D,V. a PP	8 N, Ch, h_s	O T, T, T_dT_d	Id$_w$d$_w$.PH$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Border Hunter	43 221	621 06	8 25 13	97 2x 2	84x 84	32 6 x2	24 21 3	...	0 02 75	1 19 x3
World Heath	43 885	060 12	4 18 15	98 02 0	114 84	86 5 xx	35 40 0	..	0 06 75	...
Yoohomaru	43 214	622 12	8 20 22	97 02 2	000 82	31 3 90	57 20 7	...	0 51 75	1 24 65
Asia	43 228	641 18	3 24 22	97 01 0	992 81	00 9 00	xx xx x	...	0 00 84	1 28 20
Moordrecht	43 263	541 18	0 28 05	97 02 0	971 90					

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T^{v}T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100mb HHHTTT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	...	Missds	..	..	...	...	...	..		...	...	..	...
Jiwani ...														
Karachi ...	00 00	995 282 242		...	...	480 238 995	104 178 992	401 508 798	806 525 995	619 018 998	976 752	258 952	444 105	686 278
Lahore ...											...	...	...	...
Multan ...														
Peshawar ...	00 00	995 308 278	...	...	390 288 255	...	078 165 128	372 095 042	861 005 672	621 582 995	980 718	280 780	483 815	...
Quetta ...	00 00	973 302 262		...	...		094 159 085	382 082 998	869 025 995	645 555 998	984 6799	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT T$_d$T$_d$T$_d$								Max. Height Reached PPPTTT T$_d$T$_d$T$_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	Missds	...	..	...	...	...	...	...	...	...	...
Jiwani ...													
Karachi ...	00 00	..	...	...	...	...	...	..	...	...	686 278 995	...	...
Lahore ...													
Multan ...													
Peshawar ...	00 00	990 362 262	800 248 192		..	...	...	...	...	...	800 248 192	...	...
Quetta ...	00 00	900 278 195	800 225 125	350 618 992	...	...	...	...	...	...	350 618 992	...	...

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

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

UPPER WIND DATA*

Height in Kms. a.s.l. → / STATION	At 1200 hrs G.M.T of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
1	2	3	4	5	6	7	8	9	10
Bogra ...									
Chaklala ...	14 18	15 15	16 17	16 16	12 15	08 17	06 14	...	...
Chhor ...	21 24	22 25	22 26	..	...	...	...	...	...
Chittagong ...	No	Ascent	..	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent		...	...	...	...	...	...
Dacca ...	18 15	19 19	19 19	19 15	19 14	18 12	10 05	06 10	...
Dalbandin ...	..	...	19 03	24 09	27 07	33 10	03 02	09 05	10 07
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	10 09	22 16	19 13	18 09	21 04	21 03
Issakhail ...	...	...	...	...	01 03	08 04	...	...	...
Jacobabad ...	15 05	18 05	14 03	06 03	03 11	02 14	04 08	04 13	06 15
Jiwani ...	18 14	19 15	...	...	...	...	...	...	...
Kalam ...	18 04	22 04	22 05	30 07	34 07	33 05	22 05	33 04	36 11
Kiwai ...	18 08	20 09	21 07	...	...	...	...	...	...
Karachi ...	26 12	29 11	32 11	...	...	...	...	...	...
Khanpur ...	14 04	18 03	16 01	02 06	02 09	03 15	34 10	04 10	04 10
Lahore ...	27 02	23 07	21 05	24 09	27 11	32 07	05 04	11 05	10 05
Multan ...	21 06	17 07	17 07	01 03	02 03	02 09	03 08	12 11	08 16
Mianwali ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	30 03	30 05	02 04	01 02	...
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	No	Ascent	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

Height in Kms. a.s.l. → / STATION	At 0000 hrs. G.M.T. † of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
11	12	13	14	15	16
Bogra ...						
Chaklala ...	No	Ascent	..	...	..	..
Chhor ...	21 14	23 14	21 11	03 03	...	...
Chittagong ...	No	Ascent	...	...	...	...
Cox's Bazar ...	No	Ascent		...	...	...
Dacca ...	18 17	20 19	...	...	...	...
Dalbandin ...	...	...	26 06	05 06	04 05	32 03
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	22 01	23 03	27 01
Issakhail ...	...	...	...	05 10	08 05	20 07
Jacobabad ...	17 12	11 02	35 02	04 02	13 01	33 02
Jiwani ...	No	Ascent				
Kalam ...	13 17	14 12	20 06	34 03	33 05	03 06
Kiwai ...	17 06	15 04		...	...	...
Karachi ...	28 20	29 19	...	...	...	...
Khanpur ...	21 21	22 13	23 12	25 04	06 03	05 06
Lahore ...	22 10	24 13	25 10	29 07	03 04	03 07
Mianwali ...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...
Quetta ...	...	...	...	...	26 04	31 11
Sharjah ...	...	...	...	...	...	...
Sylhet ...	No	Ascent	...	...	...	...
Veraval ...	...	...	...	...	...	...

Height in Kms. a.s.l. → / STATION	At 0600 hrs. G.M.T. † of date (dd ff): 0.2	0.4	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
17	18	19	20	21	22	23	24	25	26	27
Bogra ...											
Chaklala ...	No	Ascent	...	...	...	...	...	...	...	...	...
Chhor ...	19 15	20 17	21 13	...	...	...	...	...	...	...	...
Chittagong ...	17 23	18 48	18 46	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent		...	...	...	...	...	...	...	...
Dacca ...	14 13	14 13	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	09 10	10 10	07 03	33 06	16 08	17 12	13 09	07 18	11 12
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	24 07	24 06	17 06	19 01	33 03	35 08	...
Issakhail ...	...	...	...	34 03	02 02	36 06	16 03	11 07	07 08	02 07	15 06
Jacobabad ...	13 03	08 04	04 01	06 03	03 08	04 15	10 08	08 12	09 11	...	...
Jiwani ...	17 13	18 14	19 15	...	...	...	...	...	...	...	...
Kalam ...	04 01	20 04	26 02	30 06	30 06	33 07	35 17	35 19	35 21	...	...
Kiwai ...	15 04	14 04	...	...	...	...	...	...	...	...	...
Karachi ...	28 10	...	...	...	...	...	...	...	...	...	...
Khanpur ...	19 11	18 14	16 12	08 04	30 06	05 05	08 09	08 12	09 15	07 20	09 12
Lahore ...	30 08	28 08	28 06	28 05	30 04	27 04	19 03	06 06	04 14	04 11	...
Multan ...	22 09	17 10	17 10	17 05	15 03	32 03	09 13	06 13	08 13	06 21	06 17
Mianwali ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	02 05	02 03	18 01	18 04	33 06	02 08	29 03	27 13	24 22	...
Sharjah ...	...	...	...	...	29 02	24 08	12 08	09 10	10 08	13 05	...
Sylhet ...	...	No	Ascent	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. / STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	27 21	27 21	28 15	29 10	36 16	04 12	04 29	06 26	07 23	10 17	08 18	10 24	08 25	09 27	09 31	10 43	09 51	09 45
Peshawar ...		03 09	05 08	28 04	06 03	29 21	28 24	25 26	...	...	...	...	...	...	...	...	...	...
Quetta ...																		

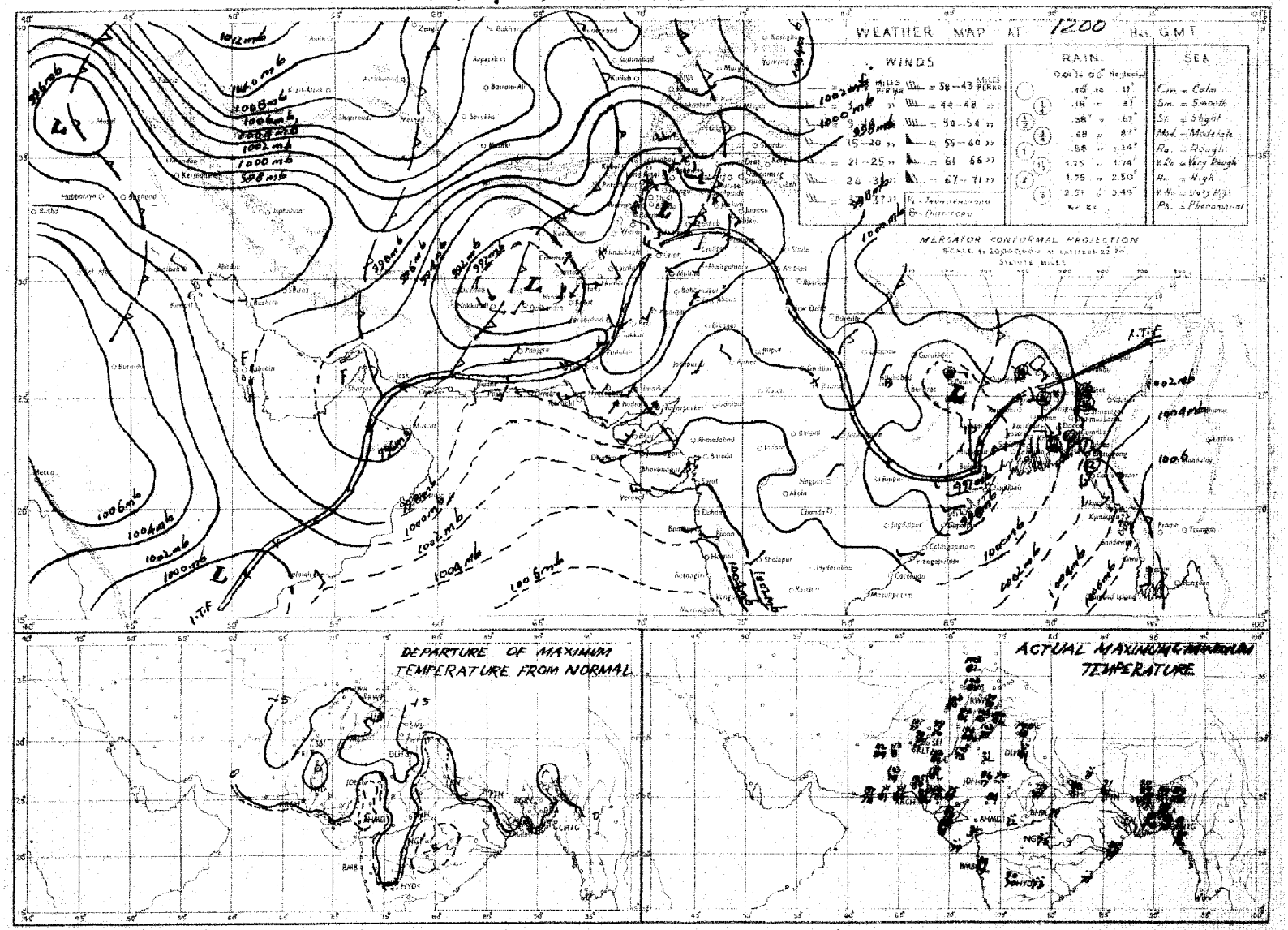
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv, 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, 12th AUGUST, 1959.



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

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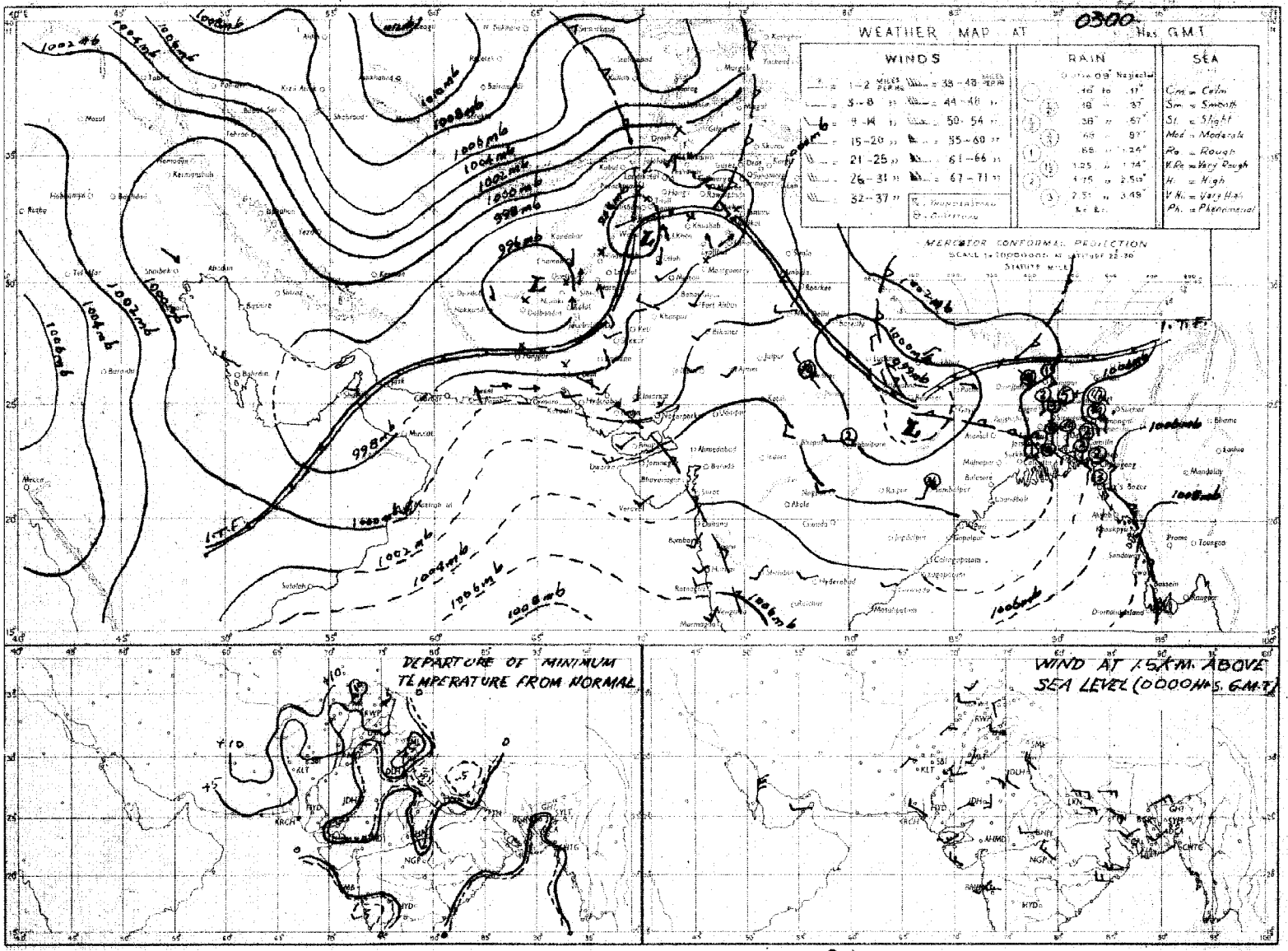
PAKISTAN DAILY WEATHER MAP

Friday, 7th AUGUST, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

FRIDAY THE 14th AUGUST, 1959.

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

Yesterday's low pressure wave over Rawalpindi division is moving away across Kashmir.
The other low pressure wave over Afghanistan is now moving across Peshawar division and adjoining areas.
They have caused local thunderstorms/showers in Peshawar and Rawalpindi divisions and scattered in Lahore division.
The trough of low over Hyderabad division and neighbourhood persists.
A low lies over Utter Pradesh.
Rainfall has been widespread and locally heavy in East Pakistan.

Chief amounts of rainfall are: Maijdee Court 5", Jessore 4", Sylhet and Mymensingh 3" each, Comilla 2", Chittagong, Faridpur, Barisal and Bogra 1½" each, Brahmenbaria, Cox's Bazar, Srimangal, Khulna and Chakdara 1" each, Dacca, Sirajganj and Murree 3/4" each, Narayanganj, Satkhira and Kakul ½" each and Rangpur and Sialkot ¼" each.

Day temperatures were : 3—7 °F above normal in West Pakistan outside Bahawalpur, Khairpur and Hyderabad divisions and the Federal Capital Area and 4—7°F below normal in East Pakistan.

Forecast valid until the evening of 15th August, 1959 Fairly widespread rain will fall in East Pakistan and local in Peshawar and Rawalpindi divisions and in Kashmir. Scattered thunderstorms/showers will occur in D. I. Khan, Multan, Lahore, Khairpur and Hyderabad divisions and the Federal Capital Area.

Heavy Rainfall Warning:— Locally moderate to heavy rainfall will continue in East Pakistan during the next 24 hours.

Karachi-11
The 14th August, 1959.

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

OBSERVATIONS

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

Divisions	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	053	9	8	13	03	94	61	6	065	75	7	4	4	2	x	75	81
	Chittagong	153	8	8	13	02	96	61	6	055	78	8	7	3	x	x	77	83
	Maijdee Court	295	9	8	00	00	95	53	8	046	77	4	5	7	7	x	75	82
	Comilla	050	2	8	18	06	96	50	6	050	77	8	4	5	x	x	75	80
	Brahmanbaria	021	5	8	13	03	95	60	6	047	78	8	5	5	x	x	77	81
	Sylhet	040	9	8	00	00	95	61	6	052	77	6	7	4	2	x	76	80
	Srimangal	051	8	8	00	00	94	60	6	048	78	8	5	4	x	x	76	83
Dacca	Mymensingh	069	8	8	00	00	96	60	6	039	79	8	6	4	x	x	78	80
	Narayanganj	035	6	8	18	03	95	61	6	037	80	8	7	3	x	x	78	83
	Dacca (Tezgaon)	013	9	8	18	09	96	61	6	027	80	8	3	3	x	x	79	84
	Faridpur	005	3	8	16	05	96	02	6	030	83	8	4	6	x	x	79	89
	Barisal	110	9	8	13	02	97	61	6	038	80	8	0	7	4	x	77	81
Rajshahi	Khulna	000	0	8	13	03	95	03	2	029	81	8	5	5	x	x	80	84
	Satkhira	031	0	8	00	00	94	61	6	028	80	8	1	6	x	x	79	87
	Jessore	220	9	8	18	03	96	03	6	025	80	8	8	5	x	x	79	86
	Sirajganj	045	9	8	09	03	97	02	6	013	81	8	7	3	x	x	80	82
	Bogra	017	1	8	00	00	96	51	6	023	81	6	7	4	2	x	80	82
	Dinajpur	012	5	7	09	02	95	03	6	024	82	7	7	7	0	0	78	84
	Rangpur	006	5	8	13	03	96	01	5	xxx	80	8	5	6	x	x	78	82
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	8	6	18	02	96	02	1	963	97	3	5	7	4	9	75	01
	Sialkot	000	0	3	23	02	97	02	0	951	01	3	2	6	0	0	82	02
Rawalpindi	Jhelum	000	3	2	23	05	96	01	1	946	99	2	2	7	0	0	77	02
	Rawalpindi	000	0	2	27	02	99	01	1	942	99	2	0	9	7	0	76	01
	Khushab	000	0	0	13	02	96	05	4	945	04	0	0	9	0	0	75	05
Multan	Lyallpur	000	0	6	20	02	96	02	0	952	03	6	0	9	5	0	70	04
	Montgomery	000	0	0	14	04	96	00	0	959	04	0	0	9	0	0	73	05
	Multan	000	0	0	23	02	97	02	0	954	00	0	0	9	0	0	78	02
Bahawalpur	Laiah	000	0	4	18	05	96	05	1	937	96	4	0	8	5	0	74	04
	Khanpur	000	0	3	20	05	95	05	0	950	04	0	0	9	0	3	91	05
	Bahawalpur	000	2	5	25	05	98	03	1	957	01	5	3	7	0	0	70	05
	Fort Abbas																	
Peshawar	Chakdara	000	0	0	00	00	99	02	0	910	98	0	0	9	0	0	86	00
	Peshawar	000	0	2	02	07	96	05	0	920	04	2	9	6	3	0	88	05
	Haripur	000	0	0	23	02	97	00	0	996	88	0	0	9	0	0	85	94
	Campbellpur	000	0	0	11	03	98	00	0	950	04	0	0	9	0	0	98	04
D. I. Khan	Bannu	000	0	0	11	01	99	00	0	930	03	0	0	9	0	0	70	04
	D. I. Khan	000	6	0	23	02	98	00	0	941	99	0	0	9	0	0	82	02
Quetta	Sibi	000	0	0	23	02	99	00	0	941	07	0	0	9	0	0	69	08
Kalat	Nokkundi	000	0	0	34	02	96	05	4	940	12	0	0	9	0	0	xx	15
	Turbat	000	0	0	23	02	96	00	0	966	03	0	0	9	0	0	94	05
	Jiwani	000	0	3	18	05	96	01	2	982	84	1	5	5	3	0	71	86
	Pasni	000	0	4	20	14	97	02	1	980	87	4	5	7	0	0	77	91
	Ormara	000	0	6	27	09	98	02	1	978	89	6	0	9	2	-	78	90
	Las Bela	000	0	2	00	00	98	30	3	961	94	1	0	8	6	6	79	04
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	25	16	96	03	1	985	86	7	0	9	3	0	81	88
	Karachi (Air Port)	000	0	8	23	12	96	03	2	984	86	8	6	4	x	x	77	90
	Badin	000	9	8	23	02	97	03	2	983	88	8	9	7	x	x	77	90
	Nagarparker	000	0	6	20	00	96	02	2	938	97	6	6	7	0	0	72	98
	Umarkot	000	0	4	23	10	98	02	0	975	91	4	1	6	0	0	75	94
	Hyderabad	000	0	2	23	12	95	07	0	947	93	0	0	9	0	1	74	00
Khairpur	Pad-i-dan	000	8	1	13	05	97	01	1	956	02	1	1	6	0	0	73	04
	Nawabshah	000	9	2	16	05	96	02	0	963	00	1	1	6	0	1	76	01
	Sukkur	000	4	3	25	02	96	02	0	951	03	0	0	9	0	3	80	03
	Kashmore	000	0	0	18	06	99	00	0	941	01	0	0	9	0	0	72	02
	Jacobabad	000	0	1	13	10	96	02	0	955	02	0	0	9	0	1	75	02
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	2	8	29	03	96	03	4	411	73	8	9	3	x	x	68	74
Peshawar	Drosh	000	8	4	23	17	96	05	4	372	98	3	2	7	5	0	60	04
	Cherat	000	0	0	13	05	96	05	0	421	92	0	0	9	0	0	92	94
	Kakul	000	8	4	20	07	96	05	1	423	87	4	2	7	0	0	72	89
	Landi Kotal	000	0	2	13	04	97	03	0	400	95	2	0	9	5	0	69	97
D.I. Khan	Parachinar	000	0	7	13	02	99	03	0	796	86	2	0	9	3	2	64	xx
	Miranshah	000	0	0	05	02	99	00	0	417	99	0	0	9	0	0	74	00
	Wana	000	1	4	13	05	97	03	0	403	93	4	2	8	0	0	64	96
	Fort Sandeman	000	0	7	13	03	98	03	9	410	93	4	2	6	2	0	63	00
Quetta	Hindubagh	000	0	0	16	02	98	00	0	356	97	0	0	9	0	0	68	98
	Loralai	000	0	3	13	02	98	02	1	453	91	0	0	9	0	3	71	94
	Harnai	000	0	2	09	02	98	02	0	xxx	xx	x	x	x	x	x	xx	xx
	Quetta	000	0	0	20	03	96	00	0	398	91	0	0	9	0	0	67	99
	Chaman	000	0	0	27	02	98	00	0	399	05	0	0	9	0	0	31	06
Kalat	Kalat	000	0	1	09	03	97	02	1	387	94	1	1	7	0	0	63	97
	Nushki	000	0	0	18	11	98	02	0	466	11	0	0	9	0	0	82	11
	Dalbandin	000	0	0	23	03	94	05	0	406	11	0	0	9	0	0	52	12
	Panjgur	000	0	0	31	03	98	00	0	423	04	0	0	9	0	0	53	86
Afghanistan	Kabul	000	0	0	00	00	9	00	0	425	92	0	0	9	0	0	64	97
	Kandahar																	

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

Divisions	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Cox's Bazar	110	9	8	20	03	95	61	6	096	76	7	4	4	2	x	76	73
	Chittagong	172	9	8	16	02	97	60	6	082	78	8	4	4	x	x	75	75
	Maijdee Court	525	9	8	00	00	95	51	6	076	77	5	7	5	2	x	76	76
	Comilla	220	2	8	00	00	97	50	6	066	79	8	4	5	x	x	75	77
	Brahmanbaria	111	0	8	18	03	97	03	6	064	80	8	4	4	x	x	76	77
	Sylhet	277	3	8	09	05	95	61	6	074	78	5	7	4	2	x	77	76
	Srimangal	118	9	8	00	00	94	60	6	072	76	8	5	4	x	x	75	76
Dacca	Mymensingh	310	9	8	13	02	99	60	6	062	80	8	6	3	x	x	80	76
	Narayanganj	047	1	8	23	03	95	24	6	063	80	8	7	3	x	x	77	79
	Dacca (Tezgaon)	071	9	8	28	05	96	61	6	055	78	5	7	3	2	x	77	77
	Faridpur	165	9	8	18	02	96	31	6	060	78	8	7	5	x	x	77	75
	Barisal	156	8	6	18	02	96	61	6	063	80	6	0	8	4	0	76	74
Rajshahi	Khulna	109	5	8	00	00	95	20	6	059	78	8	5	6	x	x	78	76
	Satkhira	040	0	8	18	01	94	61	6	051	80	x	x	x	x	x	79	77
	Jessore	377	9	8	18	03	95	64	6	053	77	8	7	5	x	x	79	76
	Sirajganj	077	2	8	18	05	97	50	6	042	79	8	7	5	x	x	79	78
	Bogra	153	9	8	13	02	96	20	6	040	81	8	7	4	x	x	80	77
	Dinajpur	012	3	8	00	00	96	02	2	033	81	8	4	7	x	x	78	78
	Rangpur	018	0	8	13	02	96	01	2	xxx	82	8	5	6	x	x	78	79
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	9	6	13	02	96	01	1	009	86	3	4	7	3	2	81	83
	Sialkot	029	4	8	05	02	97	20	6	018	77	8	5	6	x	x	75	77
Rawalpindi	Jhelum	000	3	8	09	02	97	02	2	012	81	8	0	9	1	x	74	70
	Rawalpindi	000	1	7	00	00	98	03	9	010	84	7	0	9	6	0	76	83
	Khushab	000	0	4	13	05	96	05	4	003	88	4	0	9	4	0	81	85
Multan	Lyallpur	000	0	6	00	00	96	02	0	000	86	6	0	9	5	0	79	86
	Montgomery	000	0	6	10	02	96	01	1	996	89	6	0	9	4	0	75	85
	Multan	000	0	6	23	08	97	03	1	985	90	2	0	9	3	2	76	88
Bahawalpur	Laiah	000	0	0	18	12	96	05	0	967	85	0	0	9	0	0	82	81
	Khanpur	000	0	0	23	07	96	03	0	980	88	0	0	9	0	0	83	86
	Bahawalpur	000	0	6	23	04	98	02	1	003	89	0	0	9	0	1	76	71
	Fort Abbas																	
Peshawar	Chakdara	110	9	8	18	03	xx	61	9	010	71	8	4	7	x	x	8	xx
	Peshawar	003	4	7	13	05	98	17	9	009	81	4	9	6	2	0	74	80
	Haripur	000	4	8	05	02	96	03	2	994	88	8	5	6	x	x	85	80
	Campbellpur	001	6	8	13	07	97	25	1	001	87	8	2	5	x	x	80	86
D. I. Khan	Bannu	000	0	2	29	01	99	01	0	993	89	2	0	9	2	0	75	85
	D. I. Khan	000	0	0	13	04	98	00	0	963	90	0	0	9	0	0	78	82
Quetta	Sibi	000	2	5	13	02	98	03	1	997	90	5	0	9	3	0	78	82
Kalat	Nokkundi	000	0	0	18	02	97	02	0	959	92	0	0	9	0	0	57	86
	Turbat	000	0	6	31	02	95	03	0	990	84	6	0	9	6	0	78	xx
	Jiwani	000	0	7	18	03	96	02	2	016	80	4	5	4	3	0	72	79
	Pasni	000	0	8	27	03	99	02	2	014	83	8	5	7	x	x	76	81
	Ormara	000	0	6	27	03	98	02	1	011	85	6	0	9	2	0	78	82
	Las Bela	...	..	..	...	...		...	...	...	...	...	.	...	...	...	...	...
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	25	14	96	03	1	005	84	7	6	4	0	0	80	82
	Karachi (Air Port)	000	2	8	27	09	96	02	5	009	83	5	6	5	2	x	77	81
	Badin	000	2	8	23	02	95	00	2	002	81	8	9	7	x	x	76	79
	Nagarparker	000	0	6	00	00	96	02	2	015	86	6	6	7	0	0	68	78
	Umarkot	000	0	7	20	05	98	02	0	006	81	6	5	6	4	0	77	79
	Hyderabad	000	0	8	23	02	97	03	2	997	83	4	6	5	2	x	76	81
Khairpur	Pad-i-dan	000	5	7	13	05	96	03	5	996	86	2	6	4	7	0	77	82
	Nawabshah	000	4	6	18	08	96	02	5	005	82	3	6	5	2	0	79	81
	Sukkur	000	9	3	20	03	96	02	0	998	85	0	0	9	0	3	78	83
	Kashmore	000	0	0	18	06	99	00	0	998	87	0	0	9	0	0	77	85
	Jacobabad	000	0	2	16	03	96	01	0	003	88	2	0	9	3	0	77	85
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	080	9	9	00	00	90	49	9	440	65	9	x	0	x	x	63	64
Peshawar	Drosh	001	6	6	00	03	97	01	9	445	77	6	0	9	7	0	64	75
	Cherat	000	0	8	18	03	94	95	2	462	75	8	6	6	x	x	75	75
	Kakul	042	9	8	09	03	95	61	9	444	73	7	9	6	6	x	71	71
	Landi Kotal	000	0	5	05	02	98	02	1	432	82	2	1	7	7	0	65	xx
D.I. Khan	Parachinar	000	0	3	00	00	99	02	0	796	74	3	0	9	1	0	65	xx
	Miranshah	000	0	4	00	00	99	03	0	437	87	4	2	8	0	0	73	82
	Wana	000	0	2	00	00	97	01	0	434	81	0	0	9	0	9	63	76
	Fort Sandeman	000	0	1	00	00	97	01	0	449	85	1	1	7	0	0	65	80
Quetta	Hindubagh	000	0	0	13	01	98	00	0	492	77	0	0	9	0	0	56	76
	Loralai	000	0	0	31	02	98	00	0	439	73	0	0	9	0	0	65	66
	Harnai	000	0	2	09	01	96	02	0	xxx	xx	x	x	x	x	x	xx	xx
	Quetta	000	0	0	18	02	96	00	0	442	74	0	0	9	0	0	68	70
	Chaman	000	0	0	13	03	98	02	0	428	89	0	0	9	0	0	57	78
Kalat	Kalat	000	0	0	00	00	98	02	0	440	77	0	0	9	0	0	62	65
	Nushki	000	0	0	18	09	98	02	0	471	91	0	0	9	0	0	68	86
	Dalbandin	000	9	2	13	05	95	05	0	422	91	0	0	9	0	1	56	86
	Panjgur	000	0	0	00	00	98	00	0	440	80	0	0	9	0	0	67	77
Afghanistan	Kabul	000	0	0	00	00	99	00	0	493	69	0	0	9	0	0	50	63
	Kandahar																	

Departure from Normal of / Rainfall

Divisions	Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	— 4	— 3	93.0	+13.1	108.8	140
	Chittagong	— 2	— 1	70.8	+16.5	102.8	108
	Maijdee Court	— 4	— 3	71.4	+15.7	103.2	115
	Comilla	— 7	0	37.6	— 5.2	63.6	94
	Brahmanbaria	—	—	29.3	— 3.4	55.3	76
	Sylhet	—	—	100.2	—	138.2	—
	Srimangal	— 7	0	44.8	+ 5.7	76.7	98
Dacca	Mymensingh	— 9	— 2	43.5	+ 3.0	65.6	91
	Narayanganj	— 4	0	32.7	+ 1.4	54.0	74
	Dacca (Tezgaon)	—	—	33.5	—	49.0	—
	Faridpur	+ 2	— 4	31.0	— 0.1	59.2	71
	Barisal	— 6	— 4	55.7	+ 17.5	70.6	81
Rajshahi	Khulna	— 3	— 2	41.7	8.7	62.6	68
	Satkhira	— 1	— 1	31.4	0.5	49.5	65
	Jessore	—	—	29.0	0.9	64.9	65
	Sirajganj	— 5	— 1	27.6	1.4	52.4	64
	Bogra	— 6	— 1	23.5	— 7.9	42.6	69
	Dinajpur	— 5	— 1	26.1	— 8.2	43.5	72
	Rangpur	— 7	— 1	36.1	— 3.5	56.0	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd)	+ 3	+ 4	13.7	+ 3.3	17.5	19
	Sialkot	+ 8	— 1	33.6	+ 18.3	39.5	32
Rawalpindi	Jhelum	—	—	22.2	—	32.5	—
	Rawalpindi	+ 7	+ 8	19.4	+ 4.7	32.5	36
	Khushab	+ 5	+ 4	12.0	+ 5.0	17.5	15
Multan	Lyallpur	+ 5	+ 6	6.4	+ 0.7	9.2	12
	Montgomery	+ 4	+ 3	2.2	— 3.4	4.5	10
	Multan	+ 3	+ 5	4.1	— 0.5	6.2	7
Bahawalpur	Laiah	—	—	3.5	—	5.4	8
	Khanpur	+ 2	+ 5	0.3	3.4	1.2	6
	Bahawalpur	—	—	3.3	—	3.7	6
	Fort Abbas						4
Peshawar	Chakdara	—	—	4.4	—	20.0	—
	Peshawar	+ 7	+ 1	2.3	— 0.6	15.2	14
	Haripur	—	—	9.8	—	20.7	
	Campbellpur	—	—	13.6	—	27.5	—
D. I. Khan	Bannu	—	—	9.8	—	16.8	11
	D. I. Khan	+ 2	+ 1	9.8	+ 5.9	13.5	10
Quetta	Sibi	—	—	2.3	—	2.6	5
Kalat	Nokkundi	—	—	0	—	1.1	2
	Turbat	—	—	1.2	—	5.6	—
	Jiwani	—	—	0.1	—	5.7	4
	Pasni	+ 3	+ 5	0	— 0.9	2.5	6
	Ormara	—	—	0.1	— 0.7	2.0	86
	Las Bela	—					
Karachi Federal Area & Hyderabad	Karachi (Manora)	+ 3	+ 3	6.5	+ 1.6	6.5	8
	Karachi (Air Port)	—	—	9.3	—	9.5	—
	Badin	— 2	0	4.6	— 0.7	4.6	9
	Nagarparker	—	—	7.7	—	7.7	—
	Umarkot	—	—	10.4	—	11.2	—
	Hyderabad	+ 5	+ 2	6.4	+ 1.8	7.1	7
Khairpur	Pad-i-dan	—	—	4.7	—	4.9	—
	Nawabshah	—	—	3.0	—	3.7	—
	Sukkur	—	—	1.1	—	2.1	4
	Kashmore	—	—	0	—	0.1	—
	Jacobabad	— 2	+ 3	3.7	+ 1.8	4.4	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						—
Arabia	Muscat						4
	Kuwait						—
	HILL STATIONS						
Kashmir	Srinagar						26
	Gulmarg						—
	Sonamarg						71
	Dras						26
	Leh						3
	Skardu						6
	Misgar						—
	Aliabad						
	Gilgit						5
Rawalpindi	Murree	+ 3	+ 9	29.1	+ 5.1	54.3	59
Peshawar	Drosh	—	—	1.3	—	30.4	18
	Cherat	—	—	4.7	— 2.7	14.7	29
	Kakul	—	—	31.8	—	41.5	—
	Landi Kotal	—	—	2.5	—	17.5	—
D.I. Khan	Parachinar	—	—	9.7	—	23.7	29
	Miranshah	—	—	2.7	— 0.8	5.7	13
	Wana	—	—	3.9	—	12.9	11
	Fort Sandeman	+ 1	+ 6	3.5	— 0.3	12.2	—
Quetta	Hindubagh	—	—	1.7	—	9.8	—
	Loralai	—	—	5.8	—	11.7	14
	Harnai	—	—	4.4	+ 3.4	8.6	8
	Quetta	+	+ 4	2.8	+ 1.9	8.4	7
	Chaman	+ 7	+ 7	0.1	0	6.2	9
Kalat	Kalat	+ 7	—	3.0	+ 1.9	7.9	—
	Nushki	—	—	0.4	—	2.2	5
	Dalbandin	+ 5	+ 14	0	— 0.3	2.1	4
	Panjgur	—	—	1.2	—	2.9	12
Afghanistan	Kabul	—	—	—	—	—	—
	Kandahar						

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 14th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	I_dwd_w P_wH_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Yophomaru	53 193	646 00	8 25 10	97 02 2	025 79	86 4 xx	35 40 0	...	0 08 77	
Moordrecht	53 263	552 00	0 00 00	97 02 0	957 90	00 9 00	...	...	0 50 86	1 00 x0
Asia	53 219	625 00	8 23 29	97 02 2	976 84	86 4 xx	57 40 0	...	0 54 73	1 23 65
Cheverny	53 281	509 03	0 32 05	97 02 0	0 8 90	00 9 10	35 40 6	...	0 84 77	1 32 21
Yookomaru	53 183	656 16	6 25 21	97 01 2	058 84	66 4 00	35 21 6	...	0 04 75	
Cheverny	53 277	509 06	0 32 05	97 02 0	076 90	00 9 00	35 40 2	...	0 04 81	1 32 21
Cheveray	53 276	514 09	0 30 08	98 02 0	995 93	00 9 09	35 71 1	...	0 06 79	...
Asia	53 185	595 12	8 23 28	96 02 2	978 79	00 9 07	57 40 0	...	0 02 73	1 23 65
Isanda	53 257	569 12	7 14 13	98 03 2	996 91	71 5 00	46 11 0	...	0 54 81	1 14 22
Cheverny	53 269	522 12	0 31 10	98 02 0	984 93	00 9 00	35 71 1	...	0 01 79	1 31 21
Dumra	53 253	533 18	0 31 09	98 02 0	969 90	00 9 00	65 21 9	...	0 53 85	1 31 21
Moordrecht	53 252	575 18	0 13 09	98 02 0	975 88	00 9 00		...	0 53 82	1 13 21
Daressa	53 244	608 18	6 15 08	98 02 2	003 84	xx x xx	14 22 5	...	0 52 77	...
Caltex Arnhem	53 241	604 18	7 25 10	98 03 1	993 81	12 4 50		...	0 56 77	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTT$T_dT_dT_d$	1000 mb HHHTTT $T_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	...	Misda	..		...	...	...	..	...	...	...	..	...
Jiwani ...														
Karachi ...	00 00	997 278 262		...	420 212 999	..	087 140 999	371 065 999	846 518 999	591 625 999	974 755	255 980	438 155	...
Lahore ...	00 00	976 292 265	...	...	431 232 195	...	095 122 102	376 070 999	856 010 999	613 592 999	080 695	...	...	...
Multan ...														
Peshawar ...	00 00	959 282 218	...	...	400 232 195	...	075 135 999	354 070 999	828 520 999	575 598 999	...	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	Misda	...	...	...	...	...		...	...	...	...
Jiwani ...													
Karachi ...	00 00					...	...	..	...	...	150 155 999	...	...
Lahore ...	00 00	900 252 212	800 185 162	492 000 999	208 805 999	...	...	...	...	...	208 805 999		
Multan ...													
Peshawar ...	00 00	900 255 215	800 195 178	350 658 999	325 xxxxxx	...	...	...	...	...	825 xxxxxx	...	...
Quetta ...												...	...

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

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

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff) (columns 2–10); At 0000 hrs. G.M.T. † of date (dd ff) (columns 11–16)

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
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ...	16 11	...	...	...	...	...	...	...	...	11 17	...	..	...	...	..
Chaklala ...					...	...	...	...	...						
Chhor ...	21 17	21 13	21 11	18 13	...	...	...	...	...	21 17	23 17	21 15	19 13	15 11	08 17
Chittagong ...	No	Ascent		...	...	...	...	...	...	17 28	18 27	19 27	20 28	...	...
Cox's Bazar ...	No	Ascent			...	...	...	...	...	18 17		...	...	...	...
Dacca ...	18 20	18 25	19 23	21 19						18 25	19 25				
Dalbandin ...			05 02	13 05	12 03	28 04	03 04	09 09	08 16	...	...	15 08	14 09	11 05	30 09
D. I. Khan ...	...	...						...	...	...	...	...			
Drosh ...	...				21 10	20 10	21 03		...	...	...	...	23 03	22 06	...
Fort Sandeman ...	...			15 06	11 08	01 10			...				25 02	20 02	08 07
Jacobabad ...	16 10	16 10	15 08	11 06	09 07	03 17	04 13	06 19	05 19	18 13	17 05	06 03	12 03	10 07	04 12
Jessore ...	No	Ascent					..		...	No	Ascent		...	...	...
Jhelum ...	21 10	21 09	22 08	27 03	34 10	34 03	..	07 14	...	10 08	11 19	13 19	...	...	..
Jiwani ...	17 05	23 06	23 06	01 01	05 05	04 15	09 14	...	...	15 04	...			...	
Karachi ...	25 09									26 13	...				
Khanpur ...	15 06	16 05	17 06	19 07	16 11	15 11	06 13	04 15	04 19	22 22	21 25	21 25	21 10	19 06	15 12
Lahore ...	18 03	21 06	21 04	26 08	25 05					13 08	20 11	20 10	27 07	30 06	...
Multan ...	22 10	17 10	18 10	20 11	15 07	07 04	05 13	06 11	06 12	21 21	22 22	21 16	19 14	18 10	22 06
Muscat ...					...	...	...	...	...	...	...		...	...	...
Panjgur ...					...	...	...	...	...	..					...
Peshawar ...	...	...	...	...							03 14	05 19	09 05	23 03	
Quetta ...				...	23 08	32 05	05 02	10 07	07 17	..	...	...	...	08 04	35 18
Sharjah ...			...	...	...	...	...	...	...	...		...	...	...	...
Sylhet ...	No	Ascent	...	...	...	..	...	...	...	No	Ascent	...	...	..	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...		...		...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	19 08	20 12	...	...	...	...	...	...	...	...	...
Chaklala ...	..	...	...	..	..	..	...	...	...	...	...
Chhor ...		...	..	...	...	...		...		...	...
Chittagong ...	No	Ascent	...		..	...	...	...	...	...	.
Cox's Bazar ...	No	Ascent		..	..	...	...	...	...	...	...
Dacca ...	18 17	20 23	20 25								
Dalbandin ...	...	...	17 06	15 08	12 07	36 03	33 07	12 11	12 14	16 14	03 13
D. I. Khan ...	...	...	...	...						...	...
Drosh ...	...	...	...		23 07	19 05	20 11	21 10	19 07	...	...
Fort Sandeman ...	...	...	...	01 02	07 02	34 04	34 10	...		...	...
Jacobabad ...	17 03	...	11 04	08 03	05 06	05 12	07 19	...	...	...	...
Jessore ...	No	Ascent					...	...	...	...	..
Jhelum ...	12 07	15 07	17 04	32 01	33 05	32 08		...	...	...	...
Jiwani ...	15 07	12 07	...					...			
Karachi ...	27 15	27 15		...	...	...	...				...
Khanpur ...	21 07	21 09	21 07	13 11	12 08	07 05	04 17	04 20	04 19	07 20	15 06
Lahore ...	09 05	08 09	08 09	...			...		...		
Multan ...	21 11	21 10	20 11	15 09	19 08	11 04	03 20	03 10	02 06	07 08	03 07
Muscat ...	...	...	...	...	...	...	...	...		...	...
Panjgur ...	...									...	...
Peshawar ...	...	34 10	04 12	03 16	21 15	22 15	20 15			...	...
Quetta ...	..	..	...		12 02	36 09	36 03	09 02	05 05	13 04	13 03
Sharjah ...		...		...				...	...	...	...
Sylhet ...	No	Ascent	Ascent	...	...		...		...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																...	...	
Dacca ...	Misda																	
Karachi ...	25 19	26 15	33 12	33 12	02 18	05 12	03 19	01 22	02 19	05 26	09 14	06 23	07 33	09 35	08 39	...	...	
Peshawar ...	...	03 20	07 08	15 05	34 05	21 04	14 19	05 25	16 21	16 15	...	...	...	...	...	...	...	...
Quetta ...																		

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

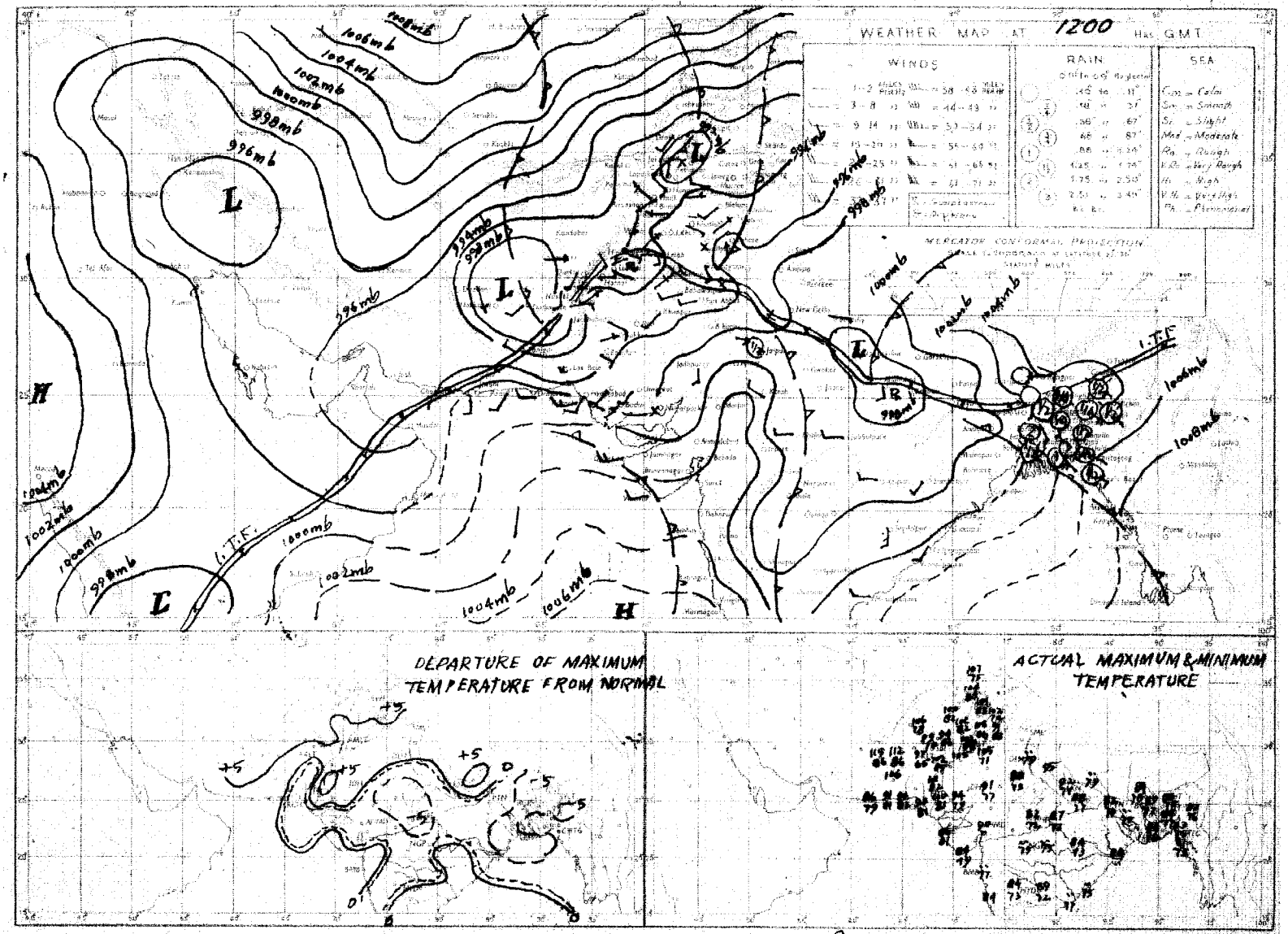
Cloud observation Data (GGiii Cddv.v.etc.)

05 715 30 415 06 598 33 215
06 718 30 5xx

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 13rd AUGUST, 1959



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

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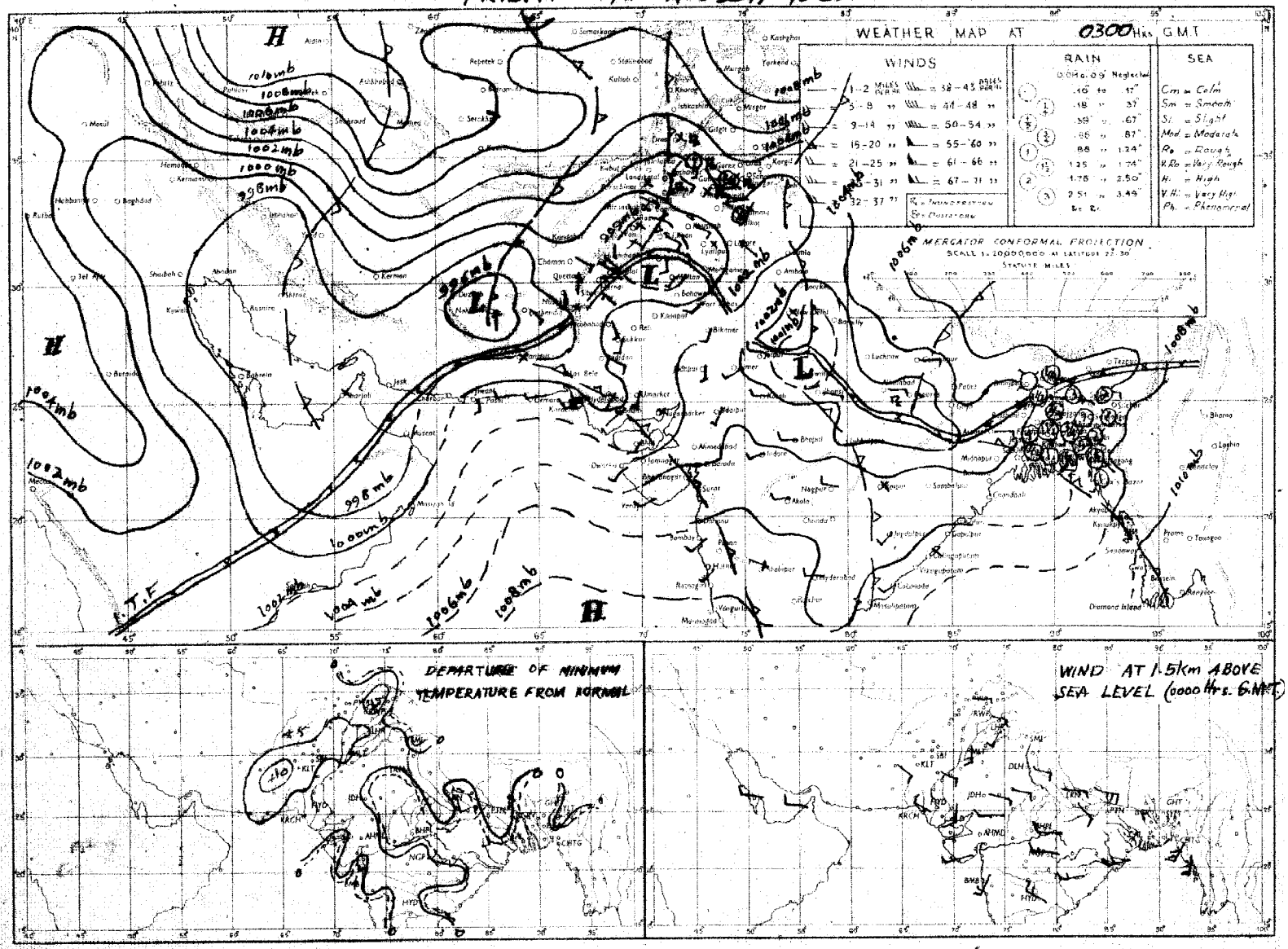
PAKISTAN DAILY WEATHER MAP

FRIDAY 14th AUGUST, 1959.



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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

SATURDAY THE 15th AUGUST, 1959.

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

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WEATHER BUREAU

Yesterday's low pressure wave over Peshawar division and adjoining areas is moving across Rawalpindi division and Kashmir.

A fresh low pressure wave is moving across North Afghanistan.

The low over Uttar Pradesh has remained practically stationary.

The trough of low over Hyderabad division and adjoining areas persists.

They have caused wide-pread rain/thundershowers in Lahore and Rawalpindi divisions, fairly widespread in Peshawar division, local in Quetta and D. I. Khan divisions and scattered in Multan and Kalat (North) divisions and light rain or drizzle in Hyderabad division and the Federal Capital area.

Rainfall has been widespread and locally moderate to heavy in East Pakistan.

Chief amounts of rainfall are: Bogra 7"; Lahore 5"; Sirajganj and Jhelum 4" each; Chittagong and Mymensingh 3" each; Rangpur, Peshawar and Campbellpur 2" each; Sylhet, Rajshahi, Sialkot, Rawalpindi, Murree and Kakul 1½" each, Barisal, Cherat and Haripur 1" each; Cox's Bazar, Khulna, Satkhira, Jessore and Khushab 3/4" each; Maijdee Court, Srimangal, Dacca, Faridpur and Hindubagh ½" each; and Brahmanbaria, Narayanganj and Lyallpur ¼" each.

Day temperatures were 3—7°F below normal in East Pakistan and in Lahore, Khairpur and Hyderabad divisions and 2—5°F above normal in North Kalat, Quetta, D. I. Khan, Multan and Bahawalpur divisions.

Forecast valid until the evening of 16th August, 1959. Fairly widespread rainfall will occur in East Pakistan and in Peshawar, Rawalpindi, Lahore divisions and Kashmir, local in Quetta, D. I. Khan and Multan divisions and scattered elsewhere over West Pakistan outside south Kalat division.

Heavy Rainfall Warning:— Locally moderate to heavy rain will fall in East Pakistan and in Lahore, Rawalpindi and Peshawar divisions and Kashmir during next 24 hours.

Karachi-11
The 15th August, 1959.

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

OBSERVATIONS

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

Divisions	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	9	6	16	0	95	15	6	064	79	3	4	4	4	9	76	82
	Chittagong	108	7	8	16	05	95	61	6	058	76	8	7	3	x	x	76	81
	Maijdee Court	050	9	8	18	02	95	51	6	049	77	8	6	6	x	x	75	78
	Comilla	000	0	8	00	00	96	50	5	050	79	8	4	5	x	x	78	80
	Brahmanbaria	000	0	8	18	02	95	03	2	040	82	8	4	5	x	x	78	83
	Sylhet	042	9	8	13	05	96	60	6	046	77	5	7	4	2	x	76	80
	Srimangal	032	5	8	00	00	96	29	6	046	79	8	5	4	x	x	78	85
Dacca	Mymensingh	285	8	8	00	00	96	60	6	036	79	8	6	4	x	x	79	80
	Narayanganj	015	8	8	18	03	94	61	6	038	79	4	7	3	2	x	78	83
	Dacca (Tezgaon)	040	9	8	18	03	97	21	6	031	79	6	9	3	2	x	77	83
	Faridpur	028	6	8	18	02	96	02	6	001	81	8	4	6	x	x	78	86
	Barisal	078	4	8	00	00	97	62	6	036	78	8	0	9	6	x	75	81
Rajshahi	Khulna	080	7	8	00	00	95	02	6	038	80	8	5	5	x	x	79	81
	Satkhira	080	0	8	00	00	94	03	6	030	80	x	x	x	x	x	79	81
	Jessore	064	9	8	18	03	95	03	6	024	80	8	8	5	x	x	80	81
	Sirajganj	035	6	8	18	05	97	02	6	012	81	8	7	5	x	x	78	63
	Bogra	107	8	8	18	03	96	51	6	019	79	3	7	4	2	x	79	83
	Dinajpur	012	4	7	05	02	95	02	6	012	84	x	x	x	x	x	78	84
	Rangpur	098	8	8	09	02	96	63	6	xxx	78	8	5	6	x	x	77	82
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	7	13	03	96	02	2	981	92	2	5	6	0	6	79	95
	Sialkot	009	9	8	13	05	99	02	6	997	84	8	7	5	x	x	67	92
Rawalpindi	Jhelum	000	2	5	13	03	97	03	5	994	87	5	0	9	7	0	76	94
	Rawalpindi	000	0	8	02	02	98	02	2	992	87	8	0	9	1	x	77	01
	Khushab	000	0	3	13	02	96	05	4	977	03	3	0	9	4	0	57	05
Multan	Lyallpur	004	3	8	07	02	95	97	9	976	80	8	7	8	x	x	37	99
	Montgomery	000	0	4	13	05	96	03	0	974	00	2	4	7	4	0	75	03
	Multan	000	0	4	23	05	97	01	1	966	01	1	1	6	0	2	79	05
Bahawalpur	Laiah	000	0	2	18	16	96	05	1	951	91	0	0	9	0	5	78	06
	Khanpur	000	0	5	20	05	95	05	0	964	03	5	3	7	0	0	89	06
	Bahawalpur	000	0	5	13	03	98	03	1	981	76	2	3	7	2	0	76	00
	Fort Abbas																	
Peshawar	Chakdara	000	0	3	00	00	97	01	1	975	90	x	x	x	x	x	78	92
	Peshawar	000	9	5	05	02	97	03	9	971	92	2	9	6	2	3	80	95
	Haripur																	
	Campbellpur	000	0	6	13	07	98	03	1	989	95	6	0	9	9	0	77	96
D. I. Khan	Bannu	000	0	4	13	01	98	03	9	948	89	4	5	6	0	0	89	04
	D. I. Khan	000	0	6	13	02	98	02	0	950	01	0	0	9	0	1	83	05
Quetta	Sibi	000	0	0	18	02	99	00	0	957	05	0	0	9	0	0	73	06
Kalat	Nokkundi	000	0	0	31	02	97	02	0	916	11	0	0	9	0	0	xx	13
	Turbat	000	0	6	31	05	96	03	0	001	94	6	0	9	6	0	80	04
	Jiwani	000	0	8	18	20	97	02	7	003	85	5	5	5	4	x	72	85
	Pasni	000	0	8	20	10	97	02	2	006	86	8	5	7	x	x	74	89
	Ormara	000	0	7	27	05	98	01	0	004	87	7	0	9	2	0	78	88
	Les Bela	000																
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	25	16	93	50	5	003	83	3	6	4	2	x	80	85
	Karachi (Air Port)	002	9	8	23	09	96	52	0	007	83	6	5	4	5	x	78	85
	Badin	000	4	8	23	02	95	03	2	994	84	0	8	7	0	0	77	89
	Nagarparker	000	0	8	20	00	96	03	2	006	95	8	6	7	0	0	71	97
	Umerkot	000	0	7	20	05	98	00	0	995	89	7	0	9	2	0	75	94
	Hyderabad	000	0	8	23	02	97	02	2	993	86	3	6	5	2	0	77	90
Khairpur	Pad-i-dan	000	8	4	13	10	97	03	1	985	95	2	2	6	7	0	73	97
	Nawabshah	000	0	6	18	18	96	02	2	997	90	4	4	5	2	0	79	93
	Sukkur	000	8	4	16	05	96	02	1	971	99	0	0	9	0	3	77	02
	Kashmore	000	0	0	16	09	99	00	0	969	99	0	0	9	0	0	73	00
	Jacobabad	000	0	1	18	09	96	01	0	970	99	0	0	9	0	1	73	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	070	3	8	29	02	95	03	6	445	65	8	9	3	x	x	64	70
Peshawar	Drosh	000	8	2	23	10	98	03	2	392	94	0	2	6	0	0	57	97
	Cherat	008	0	6	13	07	98	03	6	441	81	3	3	6	2	8	81	86
	Kakul	046	5	4	13	09	98	50	6	439	78	4	7	6	0	0	70	85
	Landi Kotal	000	0	6	13	03	98	03	1	414	86	2	5	7	7	0	67	92
D.I. Khan	Parachinar	050	3	5	13	03	99	03	0	797	65	5	1	9	1	0	65	xx
	Miranshah	000	0	8	23	05	99	03	0	414	95	6	2	7	2	x	71	98
	Wana																	
Quetta	Fort Sandeman	000	2	7	04	05	98	17	9	429	86	6	3	6	2	0	63	99
	Hindubagh	000	4	6	09	04	96	03	0	340	94	0	0	9	2	3	56	94
	Loralai	000	0	4	13	02	91	02	1	451	90	0	0	9	2	0	71	91
	Harnai	000	0	0	09	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	2	16	05	98	03	0	383	97	1	1	6	0	2	67	00
	Chaman	000	0	0	27	02	98	00	0	399	05	0	0	9	0	0	35	05
Kalat	Kalat	000	0	3	18	09	97	01	2	414	79	3	4	9	0	0	61	93
	Nushki	000	0	0	31	11	98	02	0	475	09	0	0	9	0	0	82	11
	Dalbandin	000	0	1	13	02	95	05	0	404	08	0	0	9	0	1	70	10
	Panjgur	000	0	6	23	05	98	03	0	437	94	0	0	9	2	0	60	96
Afghanistan	Kabul	000	0	0	18	02	99	00	0	446	92	0	0	9	0	0	67	96
	Kandahar																	

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

Divisions	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	078	9	8	16	03	95	62	6	073	78	7	4	5	1	x	78	75	—3	—1	93.8	+12.8	109.6	140
	Chittagong	256	9	8	16	06	95	61	6	066	77	8	7	3	x	x	77	75	—4	—1	73.3	+18.3	105.4	108
	Maijdee Court	055	9	8	00	00	97	03	2	054	80	6	7	6	2	x	79	76	—8	—3	71.9	+14.4	103.8	115
	Comilla	003	4	8	18	06	97	02	6	059	81	8	4	5	x	x	78	78	—7	+1	37.6	—5.8	63.6	94
	Brahmanbaria	032	0	8	13	03	97	03	1	053	80	8	5	5	x	x	79	77	—	—	29.7	—3.6	55.6	76
	Sylhet	141	9	8	00	00	95	61	6	057	78	6	7	4	2	x	77	78	—	—	101.6	—	139.6	—
	Srimangal	056	8	8	00	00	94	60	6	057	80	8	4	4	x	x	76	76	—5	0	45.3	+5.8	77.3	98
Dacca	Mymensingh	302	9	8	00	00	99	02	6	049	80	8	6	3	x	x	77	76	—9	—2	46.5	+5.6	68.6	91
	Narayanganj	023	9	8	18	03	94	03	5	042	82	8	7	3	x	x	79	78	—4	—1	32.9	+1.2	54.2	74
	Dacca (Tezgaon)	068	9	8	20	02	96	63	6	038	80	6	7	3	2	x	80	77	—	—	34.1	—	50.1	—
	Faridpur	050	9	8	00	00	96	51	6	039	77	8	7	8	x	x	74	75	—1	—4	31.5	0	59.7	71
	Barisal	099	3	4	00	00	97	03	6	047	83	4	0	7	4	0	79	77	—6	—1	56.7	+18.0	71.6	81
Rajshahi	Khulna	080	0	8	23	03	96	02	2	047	84	8	5	6	x	x	80	77	—6	—1	42.5	+9.0	63.4	68
	Satkhira	083	0	8	00	00	95	03	2	036	84	8	6	8	x	x	80	77	—7	—1	32.2	+0.9	50.3	65
	Jessore	069	9	8	18	02	95	03	6	045	81	8	7	5	x	x	80	76			29.6	—0.7	65.6	65
	Sirajganj	407	9	8	00	00	97	51	5	024	77	8	7	4	0	0	77	77	—4	—2	31.7	+2.4	56.5	64
	Bogra	732	9	8	27	05	95	63	6	028	75	8	0	6	2	x	75	75	—5	—3	30.8	—1.0	49.9	69
	Dinajpur	016	3	8	00	00	96	61	6	023	80	8	4	7	x	x	77	77	—5	—2	26.3	—8.5	43.7	72
	Rangpur	222	2	8	11	02	96	61	6	xxx	78	8	5	6	x	x	77	76	—7	—2	38.3	—1.7	58.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	478	9	8	13	03	96	61	9	026	75	7	7	3	2	x	75	72	—3	—7	18.5	+8.9	22.3	19
	Sialkot	130	2	8	00	00	97	20	6	021	76	8	5	6	x	x	75	74	—2	—4	34.9	+19.3	40.8	32
Rawalpindi	Jhelum	357	8	8	00	00	95	69	6	016	76	3	7	6	2	x	75	75	—		35.8	—	34.1	—
	Rawalpindi	131	8	8	00	00	98	63	6	019	75	8	5	3	0	0	74	73	+7	—2	20.7	+5.7	33.8	36
	Khushab	071	1	7	05	03	96	05	6	006	76	7	3	6	0	0	74	73	+5	—8	12.7	+5.0	18.2	15
Multan	Lyallpur	026	9	8	13	02	95	51	9	003	78	8	7	8	0	0	77	78	+1	—2	6.7	+0.8	9.5	12
	Montgomery	900	0	7	13	05	96	01	2	999	82	4	0	9	4	2	75	81	+2	—1	2.1	—3.3	4.5	10
	Multan	000	0	8	23	03	97	03	1	986	87	3	4	6	3	2	75	87	+6	+4	4.1	+0.5	6.2	7
Bahawalpur	Laiah	000	0	5	18	13	96	03	1	984	86	5	5	7	0	0	83	82	—	—	3.5	—	5.4	8
	Khanpur	000	0	4	20	05	96	03	0	994	87	0	0	9	0	4	82	84	+3	+1	0.3	—3.7	1.2	6
	Bahawalpur	000	0	0	20	04	98	00	0	000	87	0	0	9	0	0	75	67	—	—	3.3	—	3.7	6
	Fort Abbas																							4
Peshawar	Chakdara	000	0	8	00	00	97	02	2	025	74	0	0	8	6	x	73	72	—	—	4.4	—	20.0	—
	Peshawar	187	9	6	00	00	97	20	9	014	75	6	5	6	3	0	73	72	—3	—7	4.1	+1.2	17.1	14
	Haripur	108	8	8	27	04	96	02	6	957	76	0	4	6	0	0	74	71		—	10.9	—	21.8	
	Campbellpur	200	7	8	09	05	97	01	9	052	76	8	9	7	0	0	76	74	—	—	15.6	—	29.5	—
D. I. Khan	Bannu	017	1	8	07	01	97	03	6	996	79	8	5	6	0	0	76	78	—	—	10.0	—	16.9	11
	D. I. Khan	000	2	6	05	02	97	02	1	991	83	6	6	8	0	0	79	82	+5	+1	9.8	+5.8	13.5	10
Quetta	Sibi	000	2	6	13	02	98	03	1	003	89	0	0	9	1	0	76	75	—	—	2.3	—	2.6	5
Kalat	Nokkundi	000	0	0	25	02	97	02	0	960	90	0	0	9	0	0	60	85	—	—	0	—	1.1	2
	Turbat	000	0	6	31	02	95	03	0	004	82	0	0	9	6	0	76	xx	—	—	1.2	—	5.6	—
	Jiwani	000	0	7	18	07	96	02	0	012	80	5	5	6	3	0	78	79	—	—	0.1	—	5.7	4
	Pasni	000	0	8	20	07	97	00	0	019	83	8	5	7	0	0	77	81	+1	+5	0	—1.9	2.5	6
	Ormara	000	0	6	27	05	98	02	1	013	85	6	0	9	2	0	79	80	—	—	0.1	—0.7	2.0	86
	Les Bela																							
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	25	12	93	51	5	016	80	2	6	4	2	0	79	77	0	—2	6.5	+1.5	6.5	8
	Karachi (Air Port)	008	1	8	23	05	96	02	5	015	81	8	6	3	x	x	78	79	—	—	9.4		9.6	—
	Badin	000	9	9	23	02	95	03	5	018	80	0	9	7	0	0	77	79	—3	8	4.6	—0.8	4.6	9
	Nagarparker	000	0	8	00	00	96	03	2	028	68	8	7	7	0	0	67	78	—	—	7.7	—	7.7	—
	Umerkot	000	0	8	20	05	98	00	0	009	79	7	6	5	0	0	76	77	—	—	10.4		11.2	—
	Hyderabad	000	0	8	23	05	97	93	2	011	81	1	6	5	2	1	76	80	—5	+1	6.4	+1.7	7.1	7
Khairpur	Pad-i-dan	000	0	1	13	07	97	03	0	995	84	1	0	9	3	1	76	79	—	—	4.7	—	4.9	—
	Nawabshah	000	0	2	18	05	96	02	1	999	85	2	0	9	3	0	78	80	—	—	3.0	—	3.7	—
	Sukkur	090	9	4	20	03	96	03	1	999	82	0	0	9	0	8	76	80	—	—	1.1		2.1	4
	Kashmore	000	0	4	18	05	99	00	0	993	85	4	0	7	0	0	53	83	—	—	—		—	—
	Jacobabad	000	0	3	16	05	96	03	0	995	85	2	8	9	2	1	79	83	—3	+1	3.7	+1.7	4.4	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
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	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							
	Gilgit																							5
Rawalpindi	Murree	143	2	9	13	02	90	49	6	443	61	9	x	0	x	x	61	60	—1	+3	30.5	+3.8	55.8	59
Peshawar	Drosh	000	0	2	00	00	98	03	0	419	79	2	2	7	0	0	65	77	—	—	1.3	—	30.4	18
	Cherat	103	2	8	13	08	91	91	6	442	69	8	5	6	0	0	69	65	—	—	5.8	—1.9	15.6	29
	Kakul	153	9	8	18	02	95	21	9	436	71	8	7	4	6	x	69	62	—	—	33.4	—	43.1	—
	Landi Kotal	000	0	3	05	03	98	01	1	417	75	4	2	7	0	0	68	xx	—	—	2.5		17.5	—
D.I. Khan	Parachinar	050	0	2	00	00	99	00	0	796	70	0	0	9	1	0	64	xx	—	—	10.2	—	24.2	29
	Miranshah	000	0	8	00	00	98	03	2	430	80	8	3	6	0	0	73	78		—	2.7	—0.8	5.7	13
	Wana	002	9	0	00	00	97	60	6	423	78	0	0	9	0	0	67	74	0	—	3.9	—	12.9	11
Quetta	Fort Sandeman	000	0	1	00	00	98	07	0	471	85	1	0	9	4	0	65	75	—	+1	3.5	—0.4	12.2	—
	Hindubagh	045	2	0	25	02	98	00	0	393	76	0	0	9	0	0	53	76	—	—	2.2	—	10.2	—
	Loralai	014	0	5	00	00	98	02	1	435	74	0	0	9	0	3	69	65	—	—	6.0	—	11.8	14
	Harnai	010	0	0	09	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	4.5	—0.8	8.7	8
	Quetta	000	0	0	18	02	94	00	0	410	77	0	0	9	0	0	65	68	—	—	2.8	+1.9	8.4	7
	Chaman	000	0	0	18	03	98	02	0	427	85	0	0	9	0	0	55	79	+6	+5	0.1	0	6.3	9
Kalat	Kalat	010	0	4	18	05	97	03	1	444	72	4	1	7	0	0	65	64	+3	+6	3.1	+2.0	8.0	—
	Nushki	000	2	8	00	00	97	03	0	470	69	0	0	9	1	0	78	85	—	—	0.4	—	2.2	5
	Dalbandin	000	9	0	00	00	94	05	3	414	84	0	0	9	0	0	65	83	+3	+11	0	—0.3	2.1	4
	Panjgur	000	0	0	00	00	98	00	5	439	79	0	0	9	0	0	65	76	—	—	1.2	—	2.9	12
Afghanistan	Kabul	000	0	0	36	02	99	00	0	471	70	0	0	9	0	0	55	57	—	—	—	—	—	—
	Kandahar																							

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 15th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_oL_oL_o$	$L_oL_oL_o$ GG	N dd ff	VV ... W	PPP TT	$N_hC_hh_hC_MC_H$	D,V. a PP	8 N, Ch, h_o	O T, T, T_d T_d	$Id_wd_wPH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Kali	63 252	576 00	0 11 12	98 02 1	055 86	99 9 00	35 40 0	...	0 58 84	1 11 32
Yeohoamaru	63 153	696 00	4 27 15	98 01 2	070 79	38 5 10	35 40 0	...	0 80 73	...
Nichiyomaru	63 201	644 00	8 24 27	96 03 2	020 79	xxx xx	75 40 1	...	...	...
Karanja	63 062	634 00	3 27 12	98 01 1	079 81	11 5 01	55 60 3	...	0 01 73	1 26 33
Moordrecht	63 248	581 00	0 11 09	97 02 0	969 86	00 9 00	...	...	0 51 77	1 11 21
Moordrecht	63 238	588 06	2 08 07	97 02 0	996 84	21 4 00	...	...	0 52 77	1 00 21
Calsea Arubem	63 229	634 06	8 23 14	98 02 2	029 81	89 3 xx	...	...	0 52 75	1 23 22
Nichiyomaru	63 212	632 06	8 25 23	96 02 2	045 79	86 4 xx	75 50 5	...	...	...
Cheverny	63 268	564 06	9 12 09	97 02 0	003 93	00 9 00	25 20 8	...	0 02 81	1 12 21
Cleveland	63 215	694 06	7 33 20	98 25 2	919 81	xx x xx	35 12 5	...	0 00 xx	1 23 43
Erati	63 242	585 06	7 08 11	97 02 2	982 86	76 5 00	35 11 0	...	0 66 82	1 08 21
Ioanda	63 210	594 06	9 21 10	97 02 2	027 77	9x 0 xx	45 21 4	...	0 01 78	1 21 22
Cheveray	63 260	569 09	0 15 13	98 02 0	010 91	00 9 00	25 20 7	...	0 00 79	1 15 21
Ioanda	63 196	585 12	8 21 18	97 02 2	001 77	77 4 1x	...	...	0 55 72	1 21 32
Cheverny	63 255	573 12	2 14 07	97 02 0	000 86	10 6 88	35 71 0	...	0 52 79	1 15 32
Moordrecht	63 230	594 12	3 01 03	97 02 0	974 86	00 9 08	...	...	0 51 64	1 01 20
Moordrecht	63 223	599 18	1 19 13	97 02 0	006 73	10 9 50	...	...	0 01 73	1 17 43
Dreson	63 248	650 18	8 25 09	98 02 2	035 84	35 6 x3	25 70 5	...	0 00 82	1 25 xx
Baker Arubem	63 212	669 18	8 24 10	98 21 2	046 81	89 3 xx	...	...	0 30 73	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T^{c}T$_d$	1000 mb HHHTTT T^{d}T^{d}T$_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	..	Misda	..	..	..	...	...	..	..	..	..	..	...
Jiwani														
Karachi	00 00	998 265 252	008 xxxxxx	..	400 205 999	..	053 108 999	424 048 999	787 532 999	515 648 999	965 752	246 972	460 182	...
Lahore	00 00	..	Misda	...	...	...	...	...	...	...	..	...	...	...
Multan														
Peshawar														
Quetta	00 00	..	Misda	..	..	..	...	..	..	..	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT T^{d}T^{d}T$_d$								Max. Height Reached PPPTTT T$_d$T$_d$T$_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	..	Misda	..	..	...	...	...	...	...	...	...	...
Jiwani													
Karachi	00 00	..		...	...	...	...	...	...	...	150 122 999	...	...
Lahore	00 00	..	Misda	...	...	...	...	...	...	...	...	...	...
Multan													
Peshawar													
Quetta	00 00	...	Misda	...	..	...	...	...	...	...	...	...	...

PPP—Pressure in hundreds tens and units of millibars.
TTT; T$_d$T$_d$T$_d$: Dry Bulb; Dew Point temperatures (in tenths of oC.
St:-Character of tropopause.

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

UPPER WIND DATA*

Height in Kms. a.s.l.	At 1200 hrs. G.M.T † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra																										
Chaklala																										
Chhor	19 14	20 14	20 11							21 21	23 23															
Chittagong	18 21	19 30								No	Ascent															
Cox's Bazar	No	Ascent								No	Ascent					No	Ascent									
Dacca	20 15	21 22								21 13	21 13					22 15	23 18	23 14								
Dalbandin			19 01	15 02	28 03	31 08	02 14	01 09	07 05			27 09	21 13	22 17	30 14	No	Ascent		21 02	20 10	26 03	31 10	35 06	12 03	04 03	01 09	11 04
D.I. Khan																										
Drosh					23 12	22 20	20 25	20 30	19 31					22 02	21 03	24 06					23 05	19 03	35 13	34 13	34 15	31 22	28 45
Fort Sandeman				24 09	15 05	01 02								20 06	18 05	24 14				21 02	09 02	24 08	35 15	22 12			
Jacobabad	16 13	17 11	17 11	13 07	13 06	06 11	05 21	04 30	03 45	18 13	16 07	15 05	26 06	03 08	02 07	17 04	20 05	16 07	27 03	34 06	02 15	03 15	03 11	24 04	07 07	
Jessore	No	Ascent								No	Ascent					26 10										
Kalam	07 09	11 12	12 08	19 05	26 09	28 04	31 12	31 13	30 11	No	Ascent					No	Ascent									
Kemari	16 14	15 13								21 09	21 09	21 06				18 10	17 09									
Karachi	26 11									25 18						No	Ascent									
Khanpur	18 08	20 07	21 08	15 04	11 06	36 11				20 17	19 23	18 29	17 37			22 16	21 13	21 13	19 11	21 06	08 02	36 18	02 19	01 22		
Lahore	12 06	15 09	16 07	35 01	31 04					02 05	15 04	22 03	23 04			16 05	17 05	17 08	23 05	29 05						
Multan	20 14	20 14	18 11	17 09	21 04	10 05	02 17	36 15	35 13	21 14	22 13	19 14	21 10	22 07	33 08	20 09	29 09	20 09	19 10	21 05	33 07	33 14	34 06	26 07	29 05	30 07
Muscat																										
Panjgur																										
Peshawar																										
Quetta					21 08	35 04	34 12	02 09						25 07	31 11					31 04	35 12	20 09	34 09	35 12		
Sharjah																										
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	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Misda 25 24	26 20	26 17	26 13	03 09	06 17	06 30	05 27	06 28	06 20	07 18	07 17	06 20	07 22	..	...	...	...
Karachi															..	...	...	...
Peshawar															..	...	...	...
Quetta																		

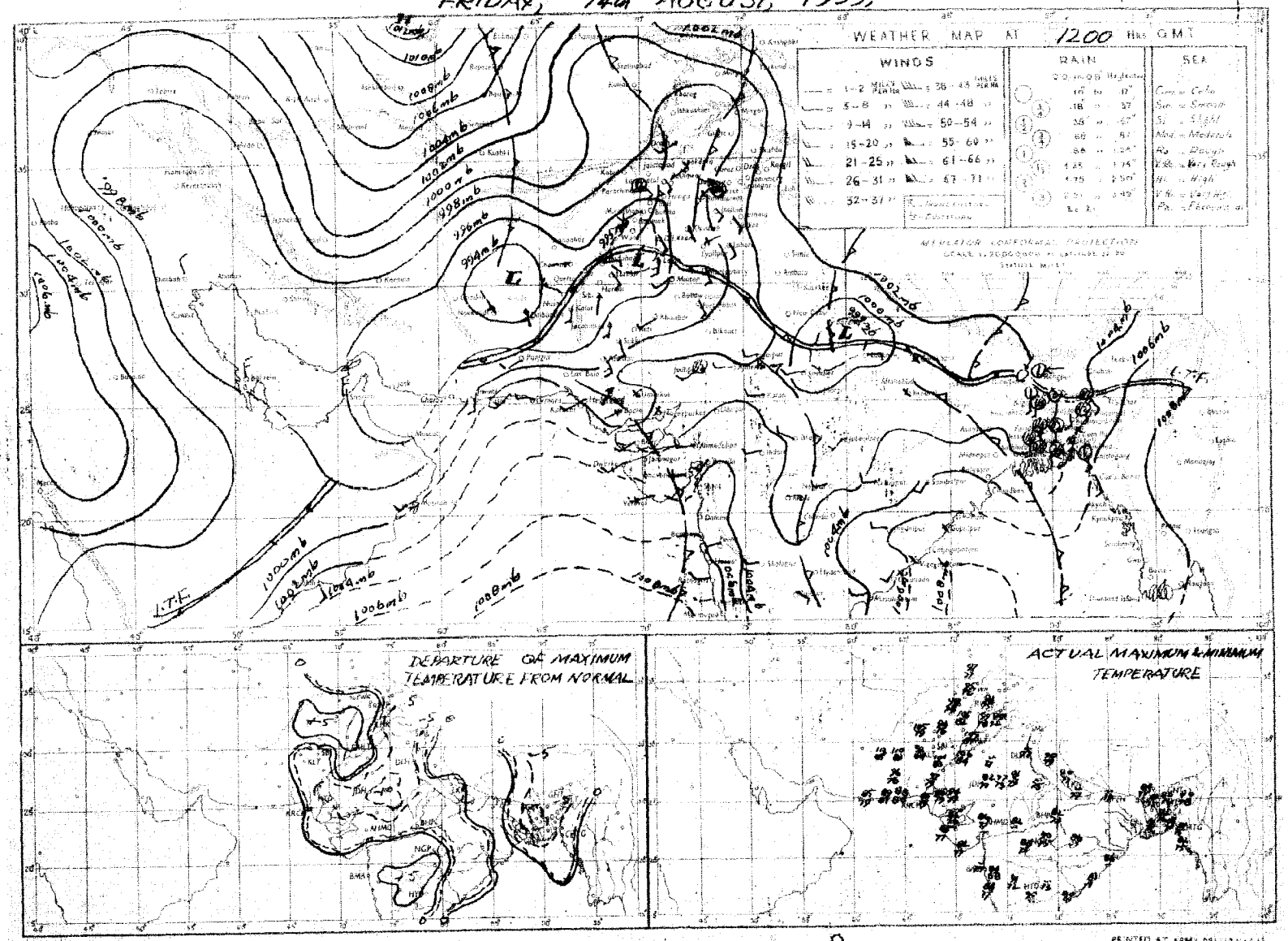
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

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

PAKISTAN DAILY WEATHER MAP

FRIDAY, 14th AUGUST, 1959.



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

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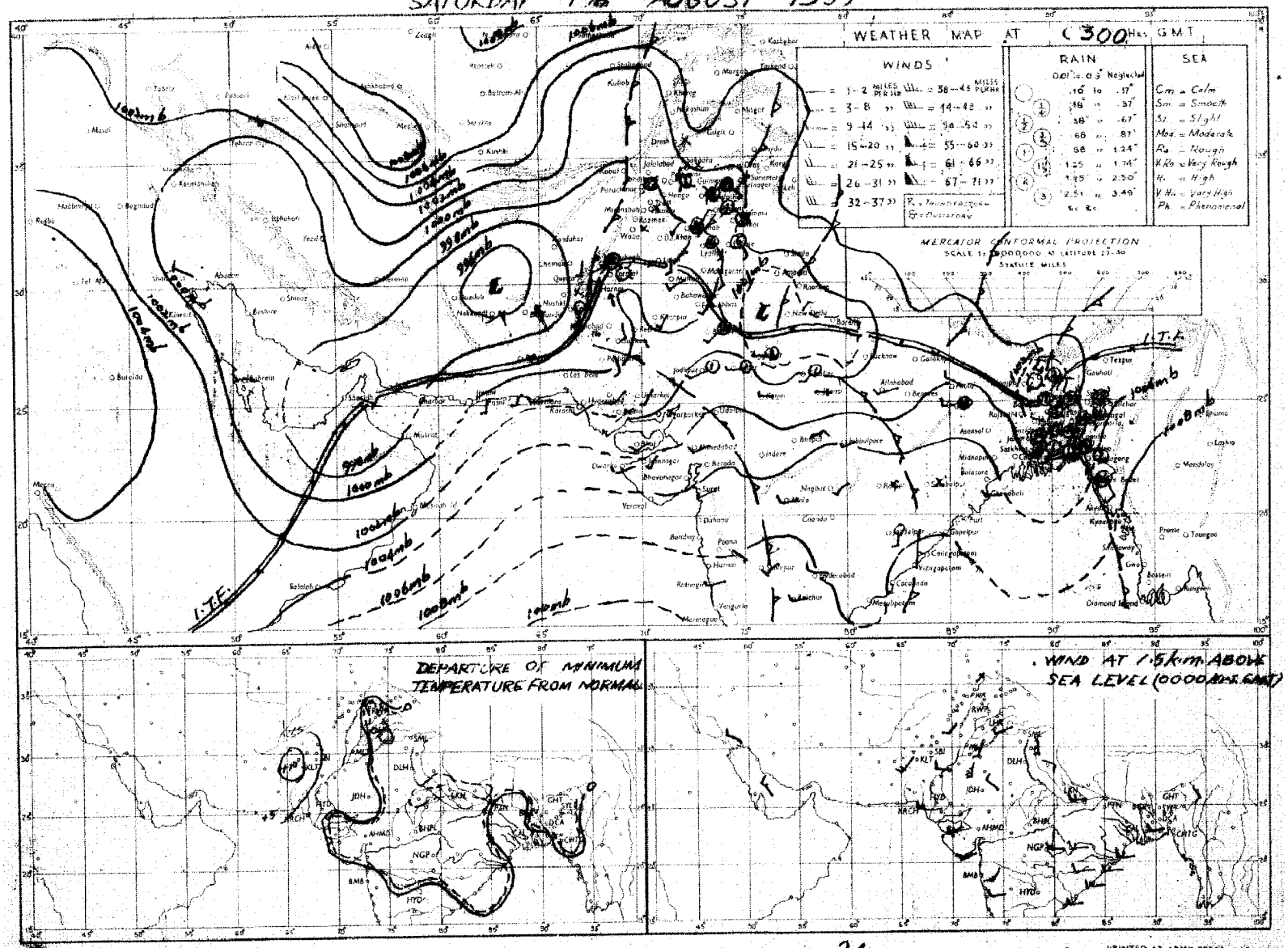
PAKISTAN DAILY WEATHER MAP

SATURDAY 15th AUGUST 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
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WEATHER BUREAU

SUNDAY THE 16th AUGUST, 1959.

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

Observations from West Pakistan scanty but believe low pressure wave over Rawalpindi division has moved away eastwards.
The low pressure wave over Afghanistan is now moving across Peshawar division and adjoining areas.
The low over Uttar Pradesh has weakened and remained practically stationary.
The trough of low over Hyderabad division is becoming unimportant.
They have caused widespread rain/thundershowers in Lahore division, fairly widespread in Rawalpindi division, local in Peshawar and Multan divisions and scattered in D. I. Khan, Quetta and Hyderabad divisions and the Federal Capital area.
Rainfall has been widespread and locally moderate to heavy in East Pakistan.
Chief amounts of rainfall are: Rajshahi 6"; Bogra 5"; Sirajganj 4"; Mymensingh and Faridpur 3" each; Comilla, Dacca and Barisal 2" each; Brahmanbaria, Narayanganj and Khulna 1½" each; Sylhet and Kakul 1" each; Chittagong, Jessore, Lahore and Lyallpur 3/4" each; Cox's Bazar, Srimangal, Satkhira, Dinajpur, Jhelum and Montgomery ½" each; and Maijdee Court, Rangpur, Murree, Cherat, Wana, Ft. Sandeman, Hindubagh and Karachi Airport ¼" each.
Day temperatures were 8—13°F below normal in Peshawar, D. I. Khan, Lahore and Rawalpindi divisions and 3—7°F so in East Pakistan, Khairpur and Hyderabad divisions and 2—4°F above normal in Kalat and Quetta division.
Forecast valid until the evening of 17th August, 1959 Fairly widespread rain/thundershowers will occur in East Pakistan, Lahore and Rawalpindi divisions and Kashmir, local in Peshawar division and scattered thunderstorm/showers in Quetta, D. I. Khan and Multan divisions.
Heavy Rainfall Warning:— Locally moderate to heavy rainfall will continue in East Pakistan during next 24 hours.

Karachi-11
The 16th August, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	008	9	5	20	03	96	03	6	033	82	3	3	4	7	2	80	85
	Chittagong	059	8	8	16	05	96	62	6	026	78	8	4	4	x	x	77	81
	Maijdee Court	025	5	5	00	00	97	03	6	021	79	3	4	7	1	0	78	83
	Comilla	150	4	8	00	00	96	02	6	020	79	8	4	5	x	x	78	83
	Brahmanbaria	099	7	8	00	00	96	03	6	022	77	4	5	5	2	x	76	81
	Sylhet	045	9	8	00	00	95	61	6	020	76	6	7	4	2	x	76	83
	Srimangal	049	4	8	00	00	94	03	9	017	77	8	3	4	x	x	76	86
Dacca	Mymensingh	127	8	8	13	02	95	60	6	013	78	8	6	3	x	x	78	82
	Narayanganj	109	9	8	18	02	94	03	6	017	79	4	7	3	2	x	78	82
	Dacca (Tezgaon)	082	9	8	13	03	97	02	9	008	79	7	5	4	2	x	77	81
	Faridpur	003	6	8	16	02	96	02	6	004	80	8	4	6	x	x	79	81
	Barisal	040	4	6	00	00	97	03	6	007	82	6	0	8	4	0	79	xx
Rajshahi	Khulna	115	1	8	00	00	95	02	6	013	78	8	4	4	x	x	77	87
	Satkhira	000	0	8	00	00	95	03	2	013	83	x	x	x	x	x	78	86
	Jessore	000	0	8	18	02	95	03	3	022	82	8	4	5	x	x	79	89
	Sirajganj	067	6	8	18	03	97	52	5	994	79	8	7	3	x	x	78	79
	Bogra	048	2	7	18	03	96	03	5	998	78	6	7	4	2	0	78	79
	Dinajpur	042	6	6	00	00	95	03	6	590	82	6	7	6	0	0	78	84
	Rangpur	012	8	5	09	02	96	01	6	xxx	82	5	5	6	0	0	79	83
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	047	8	7	36	02	96	02	6	988	79	5	6	4	7	0	76	79
	Sialkot	013	6	6	00	00	98	01	6	979	81	3	2	6	4	0	77	85
Rawalpindi	Jhelum	045	3	6	00	00	97	01	6	983	84	1	1	7	7	0	75	84
	Rawalpindi	017	4	3	13	02	99	01	5	992	83	2	0	9	7	5	76	83
	Khushab	000	0	5	05	02	96	05	4	995	85	5	3	6	0	0	75	87
Multan	Lyallpur	088	3	8	20	02	95	51	9	988	78	8	7	8	x	x	74	79
	Montgomery	000	0	8	00	00	96	00	0	984	79	3	4	7	4	x	74	88
	Multan	000	0	6	13	05	96	07	1	956	93	2	9	6	0	2	79	01
Bahawalpur	Leiah	000	0	5	25	07	95	03	2	948	96	5	6	8	4	0	58	03
	Khanpur	000	0	2	25	05	96	03	0	944	02	2	0	9	2	0	89	03
	Bahawalpur																	
	Fort Abbas																	
Peshawar	Chakdara	008	6	8	00	00	97	03	5	982	80	8	6	7	x	x	73	80
	Peshawar	000	0	7	05	10	97	02	2	970	77	7	8	5	0	0	77	77
	Haripur	013	5	6	05	04	97	03	6	967	83	6	6	6	0	0	67	99
	Campbellpur	000	0	6	09	05	98	01	2	001	85	4	1	7	0	2	77	86
D. I. Khan	Bannu	000	0	7	16	02	98	03	1	966	87	7	5	6	0	0	75	91
	D. I. Khan	000	6	8	05	02	97	03	1	965	90	8	8	8	x	x	80	92
Quetta	Sibi	000	9	6	13	02	98	03	1	938	02	6	0	9	3	0	73	03
Kalat	Nokkundi	000	0	0	31	02	96	05	4	926	10	0	0	9	0	0	46	12
	Turbat	000	0	0	31	02	96	00	[illegible]	980	98	0	0	9	0	0	98	02
	Jiwani	000	0	7	18	14	96	02	2	002	82	5	5	6	3	0	73	85
	Pasni	000	0	4	18	10	97	02	0	003	87	4	5	7	0	0	77	90
	Ormara	000	0	4	27	09	98	02	1	000	88	4	0	9	4	[illegible]	77	90
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	3	8	25	14	96	03	5	001	83	8	6	4	x	x	77	84
	Karachi (Air Port)	018	9	7	23	12	96	05	6	005	81	5	6	3	3	0	77	82
	Badin	000	0	0	23	02	97	00	0	993	87	0	0	9	0	0	77	90
	Nagarparker	000	0	8	27	02	95	02	2	800	94	8	7	7	x	x	71	95
	Umarkot	000	0	7	20	10	98	02	0	986	89	7	5	6	0	0	73	92
	Hyderabad	000	0	6	23	12	97	02	2	981	86	3	5	6	0	1	75	90
Khairpur	Pad-i-dan	000	0	2	13	05	97	03	0	950	01	2	1	6	0	0	74	03
	Nawabshah	000	0	3	18	17	96	02	0	966	95	1	1	6	0	1	80	98
	Sukkur	000	8	2	02	03	96	02	0	944	00	0	0	9	0	8	82	02
	Kashmore	000	0	0	18	03	99	00	0	941	97	0	0	9	0	0	74	98
	Jacobabad	000	0	1	13	09	96	02	0	947	98	0	0	9	0	1	75	99
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	020	5	7	11	07	98	02	6	423	64	2	5	2	5	0	62	67
Peshawar	Drosh	000	0	3	23	14	98	03	0	358	90	3	2	7	0	0	55	98
	Cherat	003	8	8	13	07	91	44	6	429	71	8	5	6	x	x	71	71
	Kakul	120	8	3	31	02	99	01	6	420	75	3	1	7	0	0	69	76
	Landi Kotal	000	0	7	13	03	98	03	1	410	78	7	6	5	0	0	67	84
D.I. Khan	Parachinar	000	0	3	13	02	99	02	0	797	80	1	0	9	1	1	72	xx
	Miranshah	000	0	8	00	00	98	03	2	403	82	8	3	6	x	x	73	84
	Wana	030	1	6	31	03	99	70	1	402	74	6	5	8	0	0	69	88
	Fort Sandeman	018	2	7	05	05	98	17	9	410	81	6	3	5	2	0	66	98
Quetta	Hindubagh	021	2	6	05	02	94	03	0	326	93	5	0	9	2	3	57	93
	Loralai	000	0	4	13	02	98	02	1	470	85	4	0	9	3	0	72	88
	Harnai	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	29	02	96	00	0	384	94	0	0	9	0	0	58	97
	Chaman	000	0	0	20	05	98	00	0	390	02	0	0	9	0	0	39	03
Kalat	Kalat	000	0	6	16	09	97	03	2	404	87	6	7	7	0	0	62	92
	Nushki	000	0	0	31	11	95	06	2	472	07	0	0	9	0	0	83	08
	Dalbandin	000	0	0	20	03	96	02	0	398	06	0	0	9	0	0	51	09
	Panjgur	000	0	0	23	03	98	00	0	428	96	0	0	9	0	0	61	98
Afghanistan	Kabul	000	0	0	18	10	97	09	0	425	91	0	0	9	0	0	68	95
	Kandahar																	

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

DIVISIONS	STATIONS	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Cox's Bazar	052	5	8	25	09	95	51	6	053	80	7	7	3	2	x	74	78
	Chittagong	079	6	8	25	05	97	02	6	047	78	6	4	4	2	x	77	77
	Maijdee Court	030	9	8	18	02	96	50	6	038	79	6	7	5	2	x	77	77
	Comilla	196	2	8	00	00	97	50	6	030	79	8	4	5	x	x	78	76
	Brahmanbaria	133	3	8	18	02	96	21	6	030	78	8	5	5	x	x	77	75
	Sylhet	103	9	8	09	09	96	02	6	031	81	4	7	4	2	x	77	75
	Srimangal	049	0	9	13	02	96	02	6	031	83	7	4	5	0	0	79	76
Dacca	Mymensingh	274	9	8	13	05	97	02	6	017	79	8	6	4	x	x	78	77
	Narayanganj	140	9	8	18	03	95	60	6	029	80	8	7	3	x	x	78	74
	Dacca (Tezgaon)	183	9	8	23	07	97	21	6	022	79	6	7	3	2	x	79	74
	Faridpur	310	9	8	00	00	95	81	6	047	79	8	7	5	x	x	78	74
	Barisal	195	2	6	18	02	96	64	6	037	77	6	6	5	0	0	75	76
Rajshahi	Khulna	160	0	8	00	00	95	03	2	032	79	8	5	6	x	x	78	76
	Satkhira	058	0	8	00	00	94	03	6	033	79	0	0	9	0	0	78	76
	Jessore	071	9	8	23	05	95	03	6	026	78	8	7	5	x	x	78	76
	Sirajganj	344	2	8	23	03	97	52	6	999	79	8	7	5	x	x	78	77
	Bogra	516	9	8	31	10	96	63	6	971	77	8	7	4	x	x	77	76
	Dinajpur	042	3	8	00	00	96	02	2	022	88	8	4	7	x	x	79	78
	Rangpur	022	0	8	13	02	96	03	6	xxx	81	8	5	6	x	x	77	77
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	083	8	7	16	02	96	03	6	996	79	6	7	4	3	0	76	75
	Sialkot	000	9	3	00	00	98	01	1	987	79	7	7	0	0	0	77	xx
Rawalpindi	Jhelum	045	0	1	00	00	97	02	0	985	84	0	0	9	0	1	76	xx
	Rawalpindi	017	0	0	00	00	99	00	0	992	79	0	0	9	0	0	79	73
	Khushab	000	0	4	00	00	96	05	4	979	82	4	0	9	6	0	76	74
Multan	Lyallpur	088	9	6	13	02	96	03	6	980	80	0	0	9	3	0	77	74
	Montgomery	050	0	6	13	02	96	00	0	972	81	4	6	7	4	0	78	75
	Multan	000	0	8	23	02	96	03	1	992	88	3	1	6	1	1	80	85
Bahawalpur	Leiah	000	0	7	00	00	95	17	5	848	88	4	6	7	8	0	86	85
	Khanpur	000	0	7	25	07	95	05	0	986	85	7	0	9	7	0	81	82
	Bahawalpur																	
	Fort Abbas																	
Peshawar	Chakdara	000	0	7	00	00	97	02	2	968	75	0	0	6	6	0	71	73
	Peshawar	000	0	7	35	03	97	01	0	970	77	4	5	3	3	0	73	71
	Haripur	013	5	3	09	02	97	01	2	996	88	3	0	6	9	0	85	87
	Campbellpur	000	0	8	13	00	98	03	2	002	81	8	5	6	0	0	77	78
D. I. Khan	Bannu	000	0	8	00	00	98	03	0	971	81	6	3	6	0	0	75	78
	D. I. Khan	000	2	3	13	02	98	01	1	983	83	0	0	9	0	3	76	78
Quetta	Sibi	000	3	5	18	02	98	01	1	976	91	0	0	9	0	1	75	81
Kalat	Nokkundi	000	0	0	16	02	97	02	0	957	88	0	0	9	0	0	56	84
	Turbat	000	0	0	27	02	95	00	0	037	80	0	0	9	0	0	74	xx
	Jiwani	000	0	8	18	09	97	02	2	019	79	8	6	4	x	x	72	79
	Pasni	000	0	4	29	00	97	00	0	020	83	4	5	7	0	0	79	83
	Ormara	000	0	6	27	05	98	02	1	018	85	6	0	5	0	0	79	81
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	25	16	94	50	2	020	80	7	6	4	x	x	77	78
	Karachi (Air Port)	018	9	8	23	12	96	03	5	020	82	5	6	3	4	x	77	80
	Badin	000	2	5	23	02	95	03	2	020	81	0	5	9	0	0	75	80
	Nagarparker	000	0	8	23	02	96	02	2	979	86	8	7	7	0	0	68	78
	Umarkot	000	0	7	20	10	98	00	0	006	81	7	0	9	4	0	76	78
	Hyderabad	000	0	5	23	07	97	01	2	007	82	3	5	6	0	1	76	80
Khairpur	Pad-i-dan	000	0	7	13	05	96	03	0	982	85	3	6	5	7	0	73	82
	Nawabshah	000	0	2	18	09	96	02	0	993	85	2	0	9	2	0	76	82
	Sukkur	000	9	3	20	03	96	03	1	983	83	0	0	9	0	8	76	81
	Kashmore	009	0	8	18	05	99	00	0	987	84	8	1	6	0	0	78	82
	Jacobabad	000	0	6	13	05	96	03	2	983	85	6	0	9	3	0	98	84
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	000	0	8	31	05	98	01	2	044	60	0	0	9	0	1	26	54
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	020	9	3	13	02	98	01	1	420	66	0	0	9	8	0	58	59
Peshawar	Drosh	000	0	3	00	03	97	03	0	403	75	3	2	6	0	0	67	74
	Cherat	019	0	8	36	03	94	44	3	427	71	8	5	6	0	0	71	68
	Kakul	120	9	6	18	02	98	01	2	419	74	6	4	6	0	0	67	69
	Landi Kotal	000	0	6	00	00	97	02	2	407	75	6	6	5	0	0	66	xx
D.I. Khan	Parachinar	000	0	0	00	00	99	00	0	796	68	0	0	9	0	0	63	xx
	Miranshah	000	0	7	00	00	99	03	2	398	77	6	2	7	0	0	73	75
	Wana	030	0	7	00	00	xx	xx	x	413	74	7	5	7	0	0	69	71
	Fort Sandeman	018	0	2	27	03	98	01	0	424	78	2	1	6	0	0	66	4
Quetta	Hindubagh	021	0	0	13	02	98	00	0	399	74	0	0	9	0	0	55	73
	Loralai	000	0	0	09	02	98	00	0	451	74	0	0	9	0	0	68	66
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0		xx
	Quetta	000	0	0	00	00	95	00	0	399	79	0	0	9	0	0	67	67
	Chaman	000	0	0	09	03	98	02	0	406	84	0	0	[illegible]	0	0	55	75
Kalat	Kalat	000	0	0	18	12	98	02	0	409	73	0	0	9	0	0	63	64
	Nushki	000	0	0	18	22	97	06	0	458	88	0	0	9	0	0	66	85
	Dalbandin	000	8	3	31	02	95	05	0	404	85	[illegible]	0	9	0	1	64	81
	Panjgur	000	0	0	18	02	98	00	0	436	79	0	0	9	0	0	65	70
Afghanistan	Kabul	000	0	0	09	00	99	00	0	459	71	0	0	9	0	0	53	58
	Kandahar																	

Departure from Normal of / Rainfall

DIVISIONS	STATIONS	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 (to date) (41)	Annual normal (42)
Chittagong	Cox's Bazar	0	+2	94.3	+12.2	110.1	140
	Chittagong	−4	+1	74.1	+18.2	106.2	108
	Maijdee Court	−3	−1	72.2	+14.8	104.1	115
	Comilla	−4	0	39.6	−4.4	45.6	94
	Brahmanbaria	—	—	31.0	−2.7	57.0	76
	Sylhet	—		11.6	—	14.1	—
	Srimangal	−4	0	45.8	+5.8	77.8	98
Dacca	Mymensingh	−7	−1	49.3	+7.8	71.4	91
	Narayanganj	−5	−5	34.3	+2.1	55.6	74
	Dacca (Tezgaon)	—	—	36.0		51.9	—
	Faridpur	−6	−4	34.6	+3.9	62.8	71
	Barisal	—	−2	58.7	+19.4	73.5	81
Rajshahi	Khulna	0	−2	44.1	10.7	65.0	68
	Satkhira	−2	−2	32.8	1.1	50.9	65
	Jessore	—	—	30.4	0.4	66.3	65
	Sirajganj	−8	−2	35.1	+5.4	50.0	64
	Bogra	−9	−2	36.0	+3.2	55.1	69
	Dinajpur	−5	0	26.7	8.5	44.1	72
	Rangpur	−6	−1	38.6	−1.9	58.4	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd)	−19	−3	19.3	+9.5	23.1	19
	Sialkot	−9		—			32
Rawalpindi	Jhelum	—	—	36.2	—	36.5	—
	Rawalpindi	−9	−2	20.7	+5.5	34.0	36
	Khushab	−13	−7	12.7	+5.5	18.2	15
Multan	Lyallpur	−19	−6	7.6	+1.9	10.4	12
	Montgomery	−13	−7	2.7	−2.9	5.0	10
	Multan	+2	+2	4.1	+0.5	6.2	7
Bahawalpur	Leiah	—	—	3.5	—	5.4	8
	Khanpur	0	+1	0.3	−3.5	1.2	6
	Bahawalpur						6
	Fort Abbas						4
Peshawar	Chakdara	—	—	4.4	—	20.0	—
	Peshawar	−21	−8	4.1	+1.1	17.1	14
	Haripur	—	—	11.0	—	21.9	
	Campbellpur		—	15.6	—	29.5	—
D. I. Khan	Bannu	—		10.0	—	16.9	11
	D. I. Khan	−8	−3	9.8	+5.7	13.5	10
Quetta	Sibi	—	—	2.3	—	2.6	
Kalat	Nokkundi	—	—	0	—	1.1	2
	Turbat	—	—	1.2	—	5.6	—
	Jiwani	—	—	0.1	—	5.7	4
	Pasni	+2	+7	0	−1.9	2.5	6
	Ormara			0.0	−0.7	2.0	86
	Las Bela						
Karachi Federal Area & Hyderabad	Karachi (Manora)	−1	0	6.5	+1.5	6.5	8
	Karachi (Air Port)	—	—	9.6		9.8	—
	Badin	−2	+1	4.6	−0.9	4.6	9
	Nagarparker	—		7.8	—	7.8	—
	Umarkot	—		10.4	—	11.3	—
	Hyderabad	−5	+1	6.4	+1.7	7.1	7
Khairpur	Pad-i-dan	—	—	4.7	—	4.9	—
	Nawabshah	—	—	3.0	—	3.7	—
	Sukkur	—	—	1.1	—	2.1	4
	Kashmore	—	—	0			—
	Jacobabad	−5	+2	3.7	+1.7	[illegible]	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						—
Arabia	Muscat						
	Kuwait						—
	HILL STATIONS						
Kashmir	Srinagar						26
	Gulmarg						—
	Sonamarg						71
	Dras						26
	Leh						3
	Skardu						6
	Misgar	—					—
	Aliabad						
	Gilgit						5
Rawalpindi	Murree	−4	+2	30.7	+5.7	56.0	59
Peshawar	Drosh	—	+2	1.3	—	30.4	18
	Cherat	—	—	6.0	1.9	16.0	29
	Kakul	—	—	34.6	—	44.3	—
	Landi Kotal	—	—	2.5	—	17.6	—
D.I. Khan	Parachinar	—	—	10.2		24.2	29
	Miranshah		—	2.7	−0.9	5.7	13
	Wana	−1	—	4.2	—	13.2	11
	Fort Sandeman	—	+1	3.5	−0.3	12.4	—
Quetta	Hindubagh	—	—	2.4	—	10.5	—
	Loralai	—	—	6.0		11.8	14
	Harnai	—	—	4.5	0.9	8.7	8
	Quetta	—	—	2.8	1.9	8.4	7
	Chaman	+4	+3	0.2	0.0	6.3	9
Kalat	Kalat	+2	+7	3.1	+0	8.0	—
	Nushki	—	—	0.4		2.2	5
	Dalbandin	+2	+10	0	−0.3	2.1	4
	Panjgur	—	−3	1.2	—	2.9	12
Afghanistan	Kabul		—	—	—	—	—
	Kandahar						

† Given in Code

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 16th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch h.	O $T_sT_sT_dT_d$	I_dI_d PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Erati	73 210	595 00	8 23 18	97 02 2	983 78	9x 0 xx	44 74 0	...	0 51 73	1 23 43
Moordrecht	73 215	599 00	8 21 13	97 03 1	994 73	9x 0 xx	...	...	0 00 78	1 21 32
Glenroy	73 229	595 03	8 24 05	97 02 1	000 06	68 6 30	35 70 5	...	0 00 77	1 24 21
Moordrecht	73 207	599 06	8 16 15	97 61 2	022 73	56 3 2x	...	...	0 01 70	1 18 32
Cheverny	73 222	599 06	8 21 18	96 02 2	028 76	68 6 3x	45 42 8	...	0 56 70	1 21 22
Caltex Arnhem	73 182	690 06	5 24 16	98 01 2	076 81	29 3 20		...	0 00 73	1 24 22
Cheverny	73 217	597 09	8 18 13	96 02 2	031 75	88 6 xx	45 20 5	...	0 88 70	1 18 22
Issy Elsie	73 219	621 12	8 21 24	98 02 2	027 80	xx x xx	75 62 0	...	...	...
Cheverny	73 212	594 12	8 22 14	96 02 2	021 73	88 6 xx	44 71 2	...	0 02 70	1 22 23
Daressa	73 236	672 18	8 21 16	97 02 2	031 82	55 6 2x	35 22 0	...	0 00 77	1 20 xx
Moordrecht	73 193	599 18	8 20 21	97 02 2	015 75	65 4 xx	...	...	0 52 72	1 20 33

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTT$T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	...	Misda	..	...	...	...	...	...	...	...	...	...	...
Jiwani														
Karachi	00 00	998 265 248	004 xxxxxx	..	400 172 999	..	082 138 999	363 048 999	822 558 999	546 632 999	967 778	245 005	423 128	669 280
Lahore														
Multan														
Peshawar														
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	...	Misda	...	..	...	...	...		...	...	...	...
Jiwani													
Karachi	00 00	..	...	...	...	...	...	..	—	...	100 280 999	...	...
Lahore													
Multan													
Peshawar													
Quetta													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l → / STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)
Bogra	17 14								
Chaklala									
Chhor	21 23	21 27	23 30						
Chittagong	No	Ascent							
Cox's Bazar	No	Ascent							
Dacca	16 11	19 12	22 16	23 24	24 23				
Dalbandin			23 05	26 11	24 10	28 03	16 03	27 03	33 09
D. I. Khan									
Drosh					22 21	20 14	21 19	22 29	
Fort Sandeman				04 07	03 10	02 09			
Jacobabad	14 08	15 10	15 06	20 04	27 04	35 09	36 13	36 18	36 15
Jessore	No	Ascent							
Jhelum	13 03	12 06	12 08	10 13	06 14	01 09			
Jiwani	19 22	18 19							
Karachi	25 17	26 19	26 17	26 14					
Khanpur	22 07	20 08	20 14	20 08					
Lahore	34 05	10 04	14 04	28 17	29 20	31 24			
Multan	09 10	15 07	21 08	22 13	24 08	35 12			
Muscat									
Panjgur									
Peshawar		08 10	13 10	15 16					
Quetta					31 11	29 08	30 12		
Sharjah									
Sylhet	No	Ascent							
Veraval									

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l → / STATION	0.3 (11)	0.6 (12)	0.9 (13)	1.5 (14)	2.1 (15)	3.0 (16)
Bogra		No	Ascent			
Chaklala						
Chhor	21 22	23 27	24 26	24 11	30 07	30 06
Chittagong	20 16	22 27				
Cox's Bazar	23 20	24 17	24 16	26 13		
Dacca	No	Ascent				
Dalbandin			18 12	24 11	27 15	27 16
D. I. Khan						
Drosh				23 04	23 09	23 13
Fort Sandeman				35 01	30 03	07 22
Jacobabad	15 06	25 06	24 03	15 04	27 03	27 06
Jessore	No	Ascent				
Jhelum	29 03	33 07	32 06	23 01	12 02	08 02
Jiwani	07 14	05 08	06 13			
Karachi	25 27	25 28	26 28	28 14		
Khanpur	21 18	22 20	24 19	27 12	31 04	24 05
Lahore	16 01	27 03	27 04			
Multan	23 11	24 12	23 08	24 06	26 04	31 09
Muscat						
Panjgur						
Peshawar		34 05	31 03	24 06	24 07	
Quetta					23 06	29 13
Sharjah						
Sylhet	14 10					
Veraval						

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l → / STATION	0.3 (17)	0.6 (18)	0.9 (19)	1.5 (20)	2.1 (21)	3.0 (22)	4.5 (23)	5.4 (24)	6.0 (25)	7.2 (26)	9.0 (27)
Bogra	54 80										
Chaklala											
Chhor											
Chittagong	20 17	20 18	20 17								
Cox's Bazar		No	Ascent								
Dacca			No	Ascent							
Dalbandin			21 03	25 21	26 19	27 19	26 12	16 05	30 05	30 08	04 16
D. I. Khan											
Drosh					22 07	20 06	20 06	21 07	22 12	23 13	
Fort Sandeman				25 05	26 04	32 15	32 17	33 19	26 14	28 07	35 12
Jacobabad	17 07	18 10	17 08	21 07	36 06	35 12	01 12	03 13	02 1/	02 19	
Jessore	26 27	26 22	27 12								
Jhelum	16 01	13 05	12 05	13 06	16 01	20 04	27 06	30 25	30 29		
Jiwani	16 09	15 10									
Karachi	26 19	26 20									
Khanpur	20 17	21 12	21 10	19 05	24 04	34 06	32 13				
Lahore	17 04	12 02	11 01								
Multan	21 07	21 05	22 07	22 07							
Muscat											
Panjgur											
Peshawar		13 04	25 04	28 03	31 08	31 13					
Quetta					23 03	34 13	32 10	22 03			
Sharjah											
Sylhet				No	Ascent						
Veraval											

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Misda																	
Karachi	24 24	25 23	26 21	26 14	36 08	03 07	06 13	07 14	07 16	01 13	09 09	09 18	09 18	09 33	09 34	18 42	08 35	12 21
Peshawar																		
Quetta																		

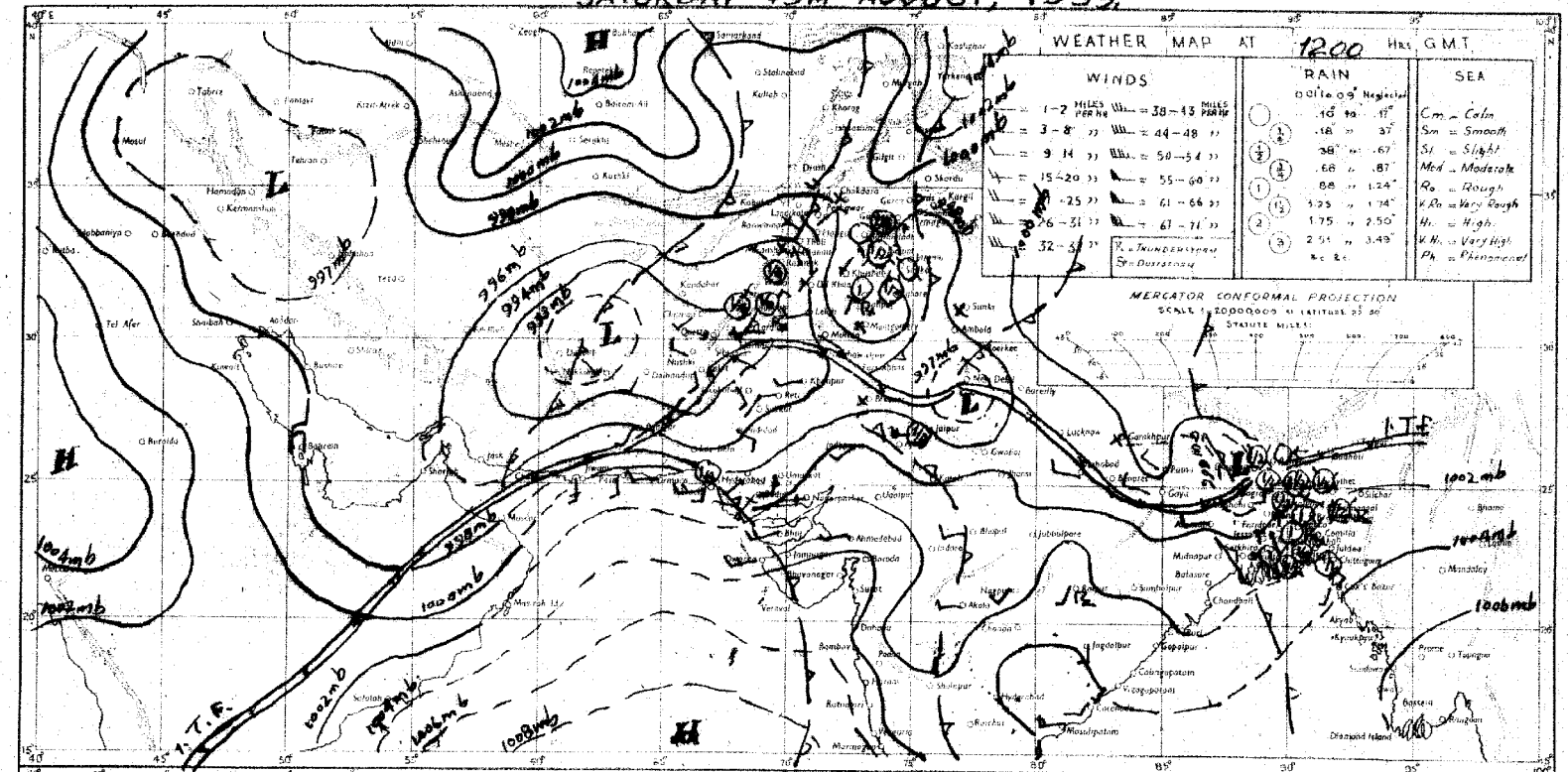
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv.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 15th AUGUST, 1959.



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

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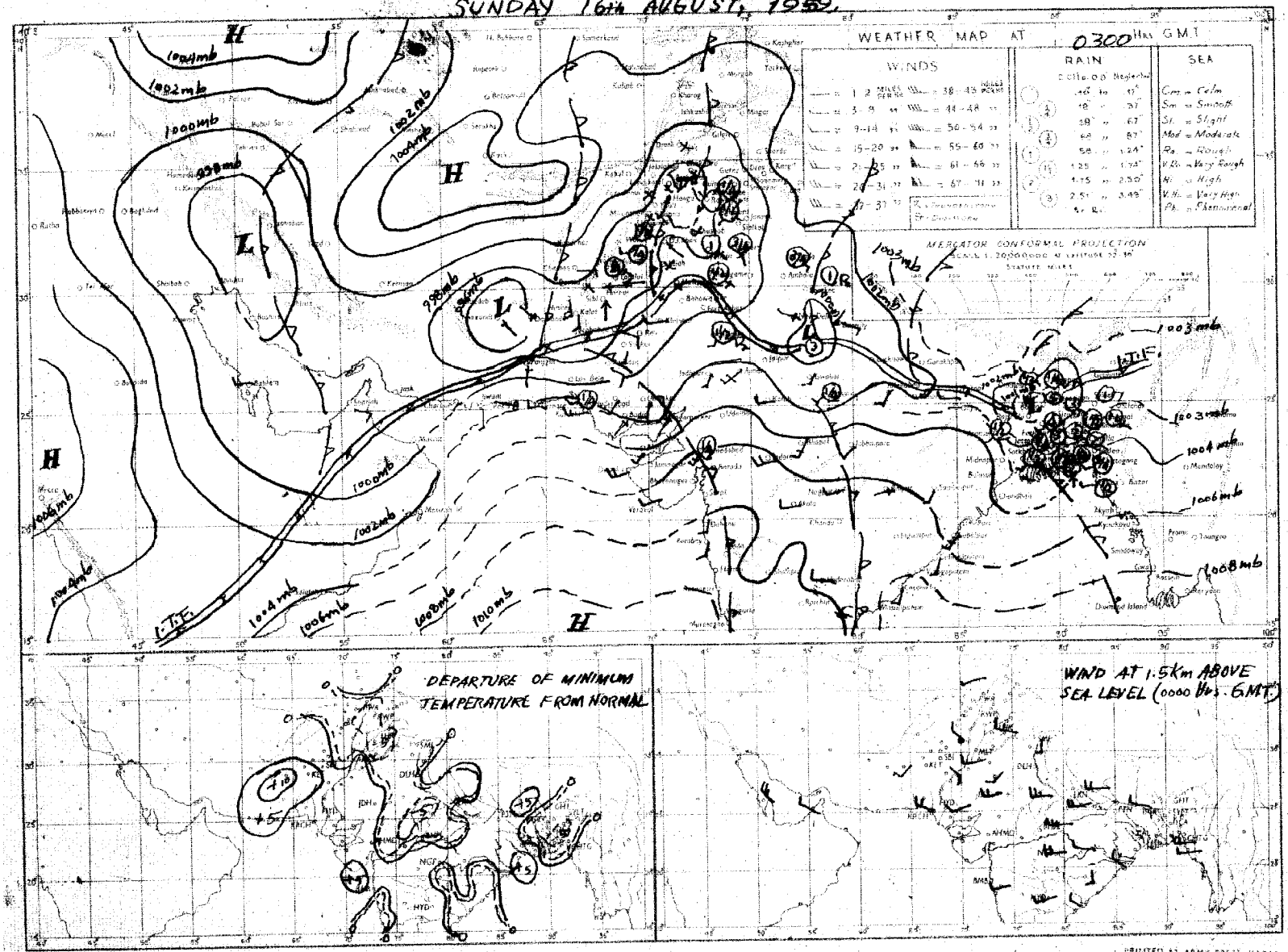
PAKISTAN DAILY WEATHER MAP

SUNDAY 16th AUGUST, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

MONDAY THE 17th AUGUST, 1959.

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

Yesterday's low pressure wave is now moving across D. I. Khan and adjoining Peshawar divisions. It has caused local thunderstorms/showers in Peshawar and Lahore divisions and scattered in Rawalpindi and Quetta divisions.

A fresh low pressure wave is moving across east Russian Turkistan.

A low lies over upper Rajshahi division and the adjoining areas.

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

Chief amounts of rainfall are: Mymensingh, Narayanganj 5" each; Sirajganj, Bogra 4" each; Chittagong, Comilla, Sylhet, Dacca 3" each; Cox's Bazar, Faridpur 2" each; Maijdee Court, Brahmanbaria, Srimangal, Barisal, Rajshahi 1½" each; Fort Sandeman 1"; Jessore 3/4"; Khulna, Haripur, Kakul ½" each and Lahore ¼".

Day temperatures were 3—6°F below normal in Multan, Lahore, Rawalpindi, D. I. Khan, Peshawar, Hyderabad divisions and East Pakistan.

Forecast valid until the evening of 18th August, 1959 Fairly widespread rain will occur in East Pakistan, local thunderstorms/showers in Peshawar, Rawalpindi, D. I. Khan, Lahore divisions and Kashmir and scattered in Multan and Bahawalpur divisions.

Heavy Rainfall Warning:— Locally moderate to heavy rain will continue in East Pakistan during the next 24 hours.

Karachi-11
The 17th August, 1959.

OBSERVATIONS

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

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	043	9	7	16	03	96	02	9	022	78	5	5	4	1	2	77	81
	Chittagong	000	0	8	16	02	97	02	2	009	80	5	9	5	2	x	78	83
	Maijdee Court	020	6	6	13	05	97	03	6	001	82	3	5	7	7	0	88	83
	Comilla	xxx	0	8	00	00	96	50	2	997	82	8	4	5	x	x	78	84
	Brahmanbaria	002	8	8	18	02	96	03	6	990	81	4	5	5	2	x	78	84
	Sylhet	192	7	7	00	00	96	21	9	991	79	6	4	4	7	0	78	84
	Srimangal	067	8	8	00	00	96	03	6	994	80	7	5	4	2	x	77	85
Dacca	Mymensingh	058	8	8	13	05	95	60	6	957	78	8	6	3	x	x	78	80
	Narayanganj	162	9	8	18	02	94	61	6	986	79	8	7	3	x	x	78	83
	Dacca (Tezgaon)	084	9	8	25	05	97	21	6	978	81	3	3	4	7	x	79	81
	Faridpur	052	6	8	16	02	96	02	6	986	82	6	4	6	1	x	79	82
	Barisal	062	9	8	18	02	97	61	6	992	82	8	7	5	x	x	79	87
Rajshahi	Khulna	034	3	8	23	09	96	03	6	004	81	8	5	6	x	x	77	89
	Satkhira	005	0	8	00	00	94	60	2	002	91	x	x	x	x	x	77	91
	Jessore	024	6	8	23	02	95	02	6	992	85	8	4	5	x	x	81	88
	Sirajganj	310	8	8	31	03	97	09	6	967	79	8	7	4	x	x	78	79
	Bogra	117	9	8	36	02	95	61	6	976	79	5	7	4	2	x	79	80
	Dinajpur	000	9	5	00	00	96	01	1	974	89	2	5	7	0	9	77	90
	Rangpur	000	0	4	13	02	96	01	2	xxx	86	2	5	6	2	0	80	87
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	8	3	00	03	96	01	2	964	91	3	2	7	0	0	77	92
	Sialkot	000	0	2	00	00	98	02	0	960	89	2	1	6	0	0	78	90
Rawalpindi	Jhelum	000	6	7	18	03	97	03	0	962	91	6	8	7	3	0	76	92
	Rawalpindi	000	0	5	11	02	99	02	2	948	89	5	1	8	7	0	76	90
	Khushab	000	0	4	09	02	96	05	4	958	91	4	1	6	0	0	78	92
Multan	Lyallpur	000	0	6	23	02	96	03	2	967	86	6	6	8	0	0	74	91
	Montgomery	000	0	6	00	00	96	00	0	958	93	4	4	7	0	2	81	95
	Multan	000	0	6	23	05	97	02	1	950	96	2	4	6	0	1	78	97
Bahawalpur	Leiah	000	0	6	00	00	94	01	2	931	97	6	5	7	0	0	83	02
	Khanpur	000	0	9	25	05	95	05	0	954	00	4	0	9	4	0	90	02
	Bahawalpur																	
	Fort Abbas																	
Peshawar	Chakdara	000	0	2	23	02	98	01	1	944	88	2	1	7	0	0	72	89
	Peshawar	000	0	3	02	07	98	02	1	944	91	3	8	6	0	0	75	92
	Haripur	037	6	5	23	04	97	03	6	954	81	8	3	6	0	0	73	88
	Campbellpur	000	0	4	15	05	98	01	1	952	92	4	1	5	0	0	76	92
D. I. Khan	Bannu	000	0	3	11	02	99	01	0	939	92	3	1	6	0	0	73	93
	D. I. Khan	000	6	9	00	00	98	03	0	932	95	0	0	9	2	0	81	97
Quetta	Sibi	000	9	4	13	02	98	03	1	936	63	0	2	9	0	0	74	04
Kalat	Nokkundi	000	0	0	34	02	99	02	0	932	11	0	0	9	0	0	xx	15
	Turbat	000	0	0	31	02	95	00	0	976	96	0	0	9	0	0	96	98
	Jiwani	000	0	5	18	09	96	02	2	001	82	5	6	9	0	0	73	85
	Pasni	000	0	4	20	12	97	00	0	005	88	4	5	7	9	0	80	89
	Ormara	000	0	0	27	09	98	00	0	003	88	0	0	9	0	0	78	90
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	4	7	25	19	96	03	5	013	84	7	6	4	0	0	78	85
	Karachi (Air Port)	004	8	7	23	14	96	01	5	008	83	7	6	4	0	0	77	85
	Badin	000	9	6	23	02	96	03	2	006	86	0	5	7	0	0	78	89
	Nagarparkar	000	0	8	00	00	95	02	3	004	93	8	6	7	0	0	72	95
	Umarkot	000	0	8	20	12	98	02	2	988	90	8	1	9	2	0	76	93
	Hyderabad	000	0	7	23	12	96	07	0	992	83	5	5	6	0	1	76	92
Khairpur	Pad-i-dan	000	8	1	13	05	97	01	1	947	02	0	0	9	0	1	70	03
	Nawabshah	000	0	2	18	16	96	02	0	966	97	0	0	9	0	1	76	01
	Sukkur	000	8	2	25	02	96	02	1	941	01	0	0	9	0	8	83	02
	Kashmore	000	0	0	18	06	99	00	0	929	98	0	0	9	0	0	75	99
	Jacobabad	000	8	2	13	10	96	02	1	941	99	0	0	9	0	8	76	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	000	0	3	00	00	98	00	12	005	73	0	0	8	0	1	34	78
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	4	8	00	00	96	03	4	413	65	8	3	3	x	x	60	67
Peshawar	Drosh	000	0	1	23	21	98	03	0	350	92	1	1	7	0	0	50	97
	Cherat	000	0	3	18	07	98	01	2	410	78	3	1	6	0	0	76	79
	Kakul	041	5	6	00	00	97	21	5	409	70	6	8	6	0	0	68	80
	Landi Kotal	000	0	2	13	02	98	03	1	384	85	2	2	7	0	0	68	88
D.I. Khan	Parachinar	000	0	3	13	02	99	00	0	794	79	0	0	9	1	0	63	xx
	Miranshah	000	0	4	05	02	99	03	2	395	86	4	2	7	0	0	72	85
	Wana	..		..														
Quetta	Fort Sandeman	000	0	7	18	03	98	17	9	404	94	7	3	5	2	0	58	96
	Hindubagh	000	3	5	31	03	98	03	0	343	94	0	0	9	2	3	58	94
	Loralai	000	0	4	13	02	9	02	1	479	85	0	0	9	2	0	72	88
	Harnai	000	0	0	07	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	2	00	00	96	02	0	396	95	0	1	7	0	0	67	95
	Chaman	000	0	0	27	03	98	00	0	391	02	0	0	9	0	0	20	03
Kalat	Kalat	000	0	7	23	10	96	03	2	401	81	7	7	6	0	0	36	90
	Nushki	000	0	0	18	11	98	06	0	474	06	0	0	9	0	0	84	07
	Dalbandin	000	8	4	20	09	95	05	0	393	06	1	0	9	3	4	60	07
	Panjgur	000	0	0	23	07	98	00	0	429	90	0	0	9	0	0	63	92
Afghanistan	Kabul	000	0	0	27	02	99	00	0	450	90	0	0	9	0	0	67	91
	Kandahar																	

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

STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	189	4	8	25	03	95	15	9	038	76	7	4	6	2	x	76	76
Chittagong	330	7	8	16	02	96	61	6	013	75	8	7	3	x	x	74	74
Maijdee Court	165	9	8	00	00	96	16	6	01	78	5	7	5	2	x	75	75
Comilla	260	2	8	00	00	96	60	6	004	79	8	4	5	x	x	78	76
Brahmanbaria	138	3	8	13	05	99	28	6	992	81	8	5	5	x	x	77	77
Sylhet	332	9	8	09	09	96	61	6	995	78	6	7	3	2	x	77	76
Srimangal	155	9	8	18	03	94	52	6	999	81	8	5	4	x	x	77	76
Mymensingh	501	9	8	27	05	95	60	6	990	77	8	6	3	x	x	77	75
Narayanganj	529	9	8	27	02	94	61	6	000	77	8	7	4	x	x	78	76
Dacca (Tezgaon)	317	9	8	27	03	96	61	6	993	79	7	3	3	2	x	79	77
Faridpur	244	9	8	27	02	96	03	6	001	78	8	7	5	x	x	77	75
Barisal	154	9	8	00	00	97	61	6	010	78	8	0	7	4	x	75	77
Khulna	054	0	8	00	00	96	02	6	019	79	8	5	6	x	x	78	76
Satkhira	007	0	8	00	00	94	60	6	017	78	x	x	x	x	x	77	75
Jessore	073	9	8	23	03	95	03	6	012	79	8	7	5	x	x	76	75
Sirajganj	376	3	8	29	03	97	50	6	974	79	8	7	4	x	x	78	76
Bogra	363	9	8	13	02	96	91	9	025	75	8	7	3	x	x	75	73
Dinajpur	000	0	6	00	00	96	02	2	994	85	6	0	9	2	0	78	78
Rangpur	000	0	3	27	02	96	01	1	xxx	83	3	5	6	0	0	79	77
Jammu																	
Lahore (Jail Rd)	030	7	2	00	00	96	02	9	982	81	2	4	6	0	0	78	78
Sialkot	000	0	3	05	02	98	01	0	978	83	2	1	6	3	0	77	78
Jhelum	000	0	5	09	02	97	03	0	980	82	4	8	7	3	0	76	79
Rawalpindi	000	0	3	36	02	99	01	1	991	82	1	2	7	0	8	76	74
Khushab	000	0	7	05	02	96	05	4	979	84	7	2	6	0	0	81	80
Lyallpur	000	1	6	13	03	96	03	5	974	84	6	0	9	2	0	78	80
Montgomery	000	0	4	27	03	96	02	0	977	85	2	6	7	0	2	76	80
Multan	000	0	6	18	03	97	03	1	972	85	3	5	6	3	1	75	84
Leiah	000	0	0	00	00	94	08	1	957	88	0	0	9	0	0	85	81
Khanpur	...	...		...	...	...	...	...	...	...	...	...	...	...	...		
Bahawalpur																	
Fort Abbas																	
Chakdara	000	0	6	00	00	98	03	9	976	80	6	0	8	4	0	73	73
Peshawar	000	7	1	27	07	97	01	9	978	82	1	8	5	0	0	75	77
Haripur	021	3	3	05	02	97	01	6	954	80	0	0	9	0	0	79	74
Campbellpur	000	1	4	05	03	98	01	9	994	83	4	0	9	8	0	77	79
Bannu	000	0	0	00	00	99	00	0	957	86	0	0	9	0	0	77	91
D. I. Khan	000	2	8	05	02	98	03	2	964	85	8	8	8	x	x	81	83
Sibi	000	0	0	13	02	99	00	0	970	88	0	0	9	0	0	75	80
Nokkundi	000	0	0	07	02	97	02	0	968	85	0	0	9	0	0	66	81
Turbat	000	0	6	23	02	95	03	0	987	80	6	0	9	3	0	79	xx
Jiwani	000	0	8	18	05	96	02	5	028	78	6	6	4	2	x	72	76
Pasni	000	0	8	25	05	97	02	0	030	79	8	5	7	x	x	78	79
Ormara	000	0	8	27	05	98	08	1	023	80	8	4	4	x	x	79	79
Las Bela																	
Karachi (Manora)	000	0	6	25	19	96	03	2	023	82	0	0	9	0	3	76	83
Karachi (Air Port)	004	9	6	23	12	96	03	5	023	82	4	6	4	3	0	78	80
Badin	000	1	6	23	02	95	03	0	011	81	1	6	7	0	0	75	80
Nagarparkar	000	0	8	00	00	96	00	2	013	86	8	6	7	x	x	67	78
Umarkot	000	0	7	23	10	98	02	0	999	80	7	8	6	0	0	73	73
Hyderabad	000	0	4	23	09	97	01	1	001	83	4	6	5	0	0	76	80
Pad-i-dan																	
Nawabshah	000	0	0	18	03	96	01	0	985	86	0	0	9	0	0	76	82
Sukkur	000	4	0	20	03	96	03	0	967	85	0	0	9	0	0	76	81
Kashmore	000	0	4	18	04	99	02	0	978	87	4	1	8	0	0	72	82
Jacobabad	000	0	0	13	05	96	02	0	971	85	0	0	9	0	0	76	83
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar	...	...	...	...	...	...	...	...	...	...			...	...	...	...	...
Aliabad																	
Gilgit																	
Murree	016	9	6	27	03	97	20	6	420	64	4	3	3	5	0	62	58
Drosh	000	0	1	00	00	98	03	0	405	80	1	1	7	0	0	63	74
Cherat	000	0	8	05	01	93	47	4	413	71	8	5	6	x	x	70	66
Kakul	041	9	1	27	03	98	01	5	413	74	1	1	7	0	0	66	67
Landi Kotal	000	0	5	05	01	97	01	2	407	75	5	6	5	0	0	70	xx
Parachinar	000	0	3	13	01	99	02	0	796	68	1	0	9	1	1	63	xx
Miranshah	000	0	2	00	00	99	02	0	408	79	2	0	9	2	0	65	76
Wana	000	0	0	09	02	98	00	0	403	79	0	0	9	0	0	69	62
Fort Sandeman	126	0	2	00	00	98	01	9	420	82	2	1	6	0	0	68	67
Hindubagh	000	0	0	25	04	97	07	0	374	76	0	0	9	0	0	55	75
Loralai	000	0	0	00	00	98	00	0	446	72	0	0	9	0	0	69	66
Harnai	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	000	0	0	00	00	95	00	0	409	75	0	0	9	0	0	61	67
Chaman	000	0	0	13	02	98	02	0	417	84	0	0	9	0	0	55	76
Kalat	000	0	0	09	05	98	02	0	433	72	0	0	9	0	0	62	63
Nushki	000	0	0	18	19	98	02	0	458	88	0	0	9	0	0	69	85
Dalbandin	000	9	0	23	02	94	05	0	408	83	0	0	9	0	0	59	79
Panjgur	000	0	2	23	02	98	03	0	434	74	2	0	9	2	0	63	72
Kabul	000	0	0	18	02	99	00	0	459	72	0	0	9	0	0	47	55
Kandahar																	

Departure from Normal of / Rainfall

STATIONS (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	— 4	0	96.2	+13.0	112.0	140
Chittagong	— 3	— 2	77.4	+20.8	110.5	108
Maijdee Court	— 2	— 3	73.9	+15.7	105.5	115
Comilla	— 3	0	42.2	— 2.3	68.2	94
Brahmanbaria	—		32.4	— 1.8	58.3	76
Sylhet	—	—	106.0	—	143.9	—
Srimangal	— 5	0	47.4	+ 7.0	79.3	98
Mymensingh	— 7	— 3	54.3	+12.4	76.4	91
Narayanganj	— 4	— 3	39.6	+ 7.1	60.9	74
Dacca (Tezgaon)	—	—	39.1		55.1	—
Faridpur	— 5	— 3	37.1	+ 4.7	65.5	71
Barisal	0	— 1	60.2	20.4	75.1	81
Khulna	+ 12	— 2	44.6	10.3	65.5	68
Satkhira	+ 3	— 3	32.8	+ 0.8	51.0	65
Jessore	—	—	31.0	0	67.0	65
Sirajganj	— 8	— 3	38.9	+ 8.8	63.7	64
Bogra	— 9	5	39.6	+ 7.1	58.7	69
Dinajpur	+ 1	0	26.7	10.0	44.1	72
Rangpur	— 2	+ 1	38.6	— 2.4	58.4	84
Jammu						—
Lahore (Jail Rd)	— 5	0	19.6	+ 9.6	23.4	19
Sialkot	— 4	0	35.0	—	41.1	32
Jhelum	—	—	36.2	—	36.5	—
Rawalpindi	— 4	— 1	29.9	+ 5.4	33.9	36
Khushab	— 8	— 1	12.7	+ 5.5	18.2	15
Lyallpur	+ 3	0	7.6	+ 1.4	10.4	12
Montgomery	— 6	1	2.7	— 4.6	5.0	10
Multan	— 1	+ 1	4.1	+ 0.4	6.2	7
Leiah	—	—	3.5	—	5.4	8
Khanpur	— 1					6
Bahawalpur						4
Fort Abbas						4
Chakdara	—	—	4.4	—	27.0	—
Peshawar	6	— 2	4.1	+ 1.0	17.1	14
Haripur	—	—	11.1	—		
Campbellpur	—	—	15.6	—	29.5	—
Bannu	—	—	13.0	—	16.9	11
D. I. Khan	— 3	+ 2	9.8	+ 5.7	13.5	10
Sibi	—	—	2.3	—	2.6	5
Nokkundi	—	—	0	—	1.1	2
Turbat	—	—	1.2	—	5.6	—
Jiwani	—	—	0.1	—	5.7	4
Pasni	0	+ 3	0	— 0.9	2.5	6
Ormara			0.1	— 0.7	2.0	86
Las Bela						
Karachi (Manora)	0	+ 2	6.5	+ 1.5	6.5	8
Karachi (Air Port)	—	—	9.6		9.8	—
Badin	— 3	+ 1	4.6	— 1.0	4.6	9
Nagarparkar	—	—	7.7		7.7	—
Umarkot	—	—	10.4		11.2	—
Hyderabad	— 3	+ 1	6.4	+ 1.6	7.1	7
Pad-i-dan	—					—
Nawabshah	—	—	3.0	—	3.7	—
Sukkur	—	—	1.1	—	2.1	4
Kashmore	—	—			—	—
Jacobabad	— 2	+ 1	3.7	+ 1.7	4.4	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
HILL STATIONS						
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						26
Leh						3
Skardu						6
Misgar	—					—
Aliabad						
Gilgit						5
Murree	— 3	+ 1	30.9	+ 5.4	56.1	59
Drosh	—	+ 2	1.3	—	30.4	18
Cherat	— 7	— 4	5.9	— 2.1	16.0	29
Kakul	—	—	35.0	—	4.7	—
Landi Kotal	—	—	2.5	—	17.5	—
Parachinar	—		10.2	—	24.2	29
Miranshah	—	—	2.0	— 0.9	5.7	13
Wana		—	4.2	—	13.2	11
Fort Sandeman	— 1	— 6	4.9	+ 0.9	13.6	—
Hindubagh	—		2.4	—	10.5	—
Loralai	—	—	6.0	—	11.8	14
Harnai	—	—	4.5	— 1.0	8.7	8
Quetta	—	—	2.8	1.9	8.4	7
Chaman	+ 5	+ 4	0.1	— 0.1	6.3	9
Kalat	+ 1	+ 6	3.1	+ 1.0	8.0	—
Nushki	—	—	0.4	—	2.2	5
Dalbandin	+ 2	+ 8	0	— 0.3	2.1	4
Panjgur	— 8	— 2	1.2	—	2.9	12
Kabul	—	—	—	—	—	—
Kandahar						

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 17th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N. Ch h.	O T_sT_s T_dT_d	$I_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Moordrecht	13 186	599 00	8 21 21	97 02 1	018 75	xx x xx		...	0 01 72	1 21 33
Sinemaru	13 205	642 00	7 23 21	96 02 2	050 79	76 4 00	73 80 5	...		
Cheverny	13 192	581 00	8 22 18	96 02 2	020 72	95 5 xx	54 70 5		0 05 66	1 22 33
Cheverny	13 187	577 03	8 21 17	96 02 2	052 72	56 5 2x	54 23 2		0 04 68	1 21 33
Caltex Arnhem	13 135	733 06	7 29 08	99 03 1	101 82	41 3 63	...	...	0 51 73	1 29 21
Shinemaru	13 212	637 06	7 23 16	96 02 2	070 84	74 3 00		...		
Cheverny	13 183	572 06	6 21 16	97 02 2	052 73	69 6 00	54 40 0	...	0 81 xx	1 21 33
Esso Exeter	13 248	579 06	2 10 18	97 02 1	003 86	21 3 00	34 22 0	...	0 51 78	1 10 34
Caltex Utrecht	13 259	574 06	1 12 13	97 02 0	002 86	11 6 00	35 xx x	...	0 53 77	1 12 32
Cheverny	13 180	568 09	4 20 15	97 01 1	038 72	45 6 00	54 71 4	...	0 08 68	1 20 32
Cheverny	13 176	563 12	3 22 15	97 01 0	020 73	30 7 50	54 71 8	...	0 06 68	1 21 33
Shunimaru	13 220	635 12	8 22 25	96 03 2	040 81	84 3 xx		...		
Cheverny	13 173	558 15	4 22 17	97 02 0	025 75	11 6 40	54 20 5	...	0 02 68	1 21 33
Australia	13 120	616 18	4 25 20	98 02 0	115 79	41 8 00	66 40 0	...	0 00 72	1 25 x4
Cheverny	13 171	553 18	7 23 24	97 03 1	053 75	70 9 50	54 23 0	...	0 05 68	1 23 33
Caltex Utrecht	13 233	592 18	1 00 00	97 02 0	990 86	00 9 07	35 xx x	..	0 00 82	1 14 42

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	..	Misda	..	..	...	...	...	..	...	...	...	..	...
Jiwani ...														
Karachi ...	00 00	998 242 242	008 xxxxxx	...	400 160 990	.	064 160 990	351 068 995	821 522 992	557 622 995	959 762 995	240 982	423 128	...
Lahore ...	00 00	Misda	..	..	...	...	...	...		...	...	...	...	...
Multan ...														
Peshawar ...	00 00	957 268 242	..	...	398 208 208	...	067 128 128	349 052 052	722 522 992	469 605 995	964 728	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St.HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	...	Misda	...	..	...	...	...		...	...	...	...
Jiwani ...													
Karachi ...	00 00		...	...	...	...	..	...	...	...	150 128 999	...	...
Lahore ...	00 00	Misda	...	...	...	...	...	..	...	...		...	...
Multan ...													
Peshawar ...	00 00	900 235 235	800 180 180	350 656 998	250 808 995	...	..	...	...	...	250 808 995	...	..
Quetta ...													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...			No						
Chaklala ...									
Chhor ...	21 23	22 30	23 30	23 32					
Chittagong ...	19 12	19 16							
Cox's Bazar ...			No	Ascent					
Dacca ...	26 13	26 20	26 24	26 30					
Dalbandin ...			23 13	24 16	24 23	22 06	24 10	25 15	26 12
D. I. Khan ...									
Drosh ...					24 21	21 20	16 08	17 08	20 15
Fort Sandeman ...				24 02	16 01	32 05			
Jacobabad ...	17 13	17 10	18 12	21 11	25 09	32 06	33 09	33 17	31 15
Jessore ...	No	Ascent							
Jhelum ...	36 04	35 04	35 04	34 04	36 03				
Jiwani ...	16 11	17 14							
Karachi ...	25 17								
Khanpur ...	22 08	22 08	22 12	21 18	21 14	24 11	30 15	33 18	
Lahore ...	33 03	02 02	01 02	30 04	31 12	31 13	32 21	30 29	31 23
Multan ...	24 51	23 05	19 09	22 09	25 09	29 08	35 11	29 14	32 10
Muscat ...									
Panjgur ...									
Peshawar ...									
Quetta ...					03 03	33 06	35 12		
Sharjah ...									
Sylhet ...	15 09	19 12	20 13	19 11					
Veraval ...									

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	No	Ascent				
Chaklala ...		07 04	08 04	32 03	29 10	31 10
Chhor ...	22 27	23 41	25 42			
Chittagong ...	No	Ascent				
Cox's Bazar ...	No	Ascent				
Dacca ...	No	Ascent				
Dalbandin ...			15 06	20 12	23 17	28 07
D. I. Khan ...						
Drosh ...				23 01	22 01	23 04
Fort Sandeman ...				03 03	35 04	
Jacobabad ...	17 12	30 13	20 05	26 07	31 18	34 07
Jessore ...	No	Ascent				
Jhelum ...	16 04	13 08	15 02	30 03	31 09	30 22
Jiwani ...	17 09	17 07				
Karachi ...	26 26	26 33				
Khanpur ...	21 25	22 30	23 34	25 37		
Lahore ...	08 06	02 04	30 02	30 12	30 17	
Multan ...	20 12	23 11	22 09	23 08	24 07	32 22
Muscat ...						
Panjgur ...						
Peshawar ...		36 05	35 02			
Quetta ...					18 02	31 11
Sharjah ...						
Sylhet ...	No	Ascent				
Veraval ...						

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	30 19										
Chaklala ...											
Chhor ...											
Chittagong ...	No	Ascent									
Cox's Bazar ...	No	Ascent									
Dacca ...	No	Ascent									
Dalbandin ...			34 02	20 08	25 10	24 05	17 03	23 03	08 06	05 19	06 09
D. I. Khan ...											
Drosh ...					25 03	31 02	33 03	29 06	27 08	25 09	
Fort Sandeman ...				xx xx	33 10	32 15	26 16	31 17	31 16	31 24	31 14
Jacobabad ...	14 07	13 02	28 03	28 06	30 12	32 04	33 10	35 11	34 12		
Jessore ...	No	Ascent									
Jhelum ...	12 04	15 05	16 05	20 04	23 03	26 05					
Jiwani ...	18 09	15 09									
Karachi ...	26 18	No									
Khanpur ...	20 13	21 14	22 20	23 19	25 16	28 12					
Lahore ...	24 03	28 09	29 09	29 07	29 08						
Multan ...	20 11	20 06	18 03	19 05	20 11	33 16	31 19	30 21	30 37		
Muscat ...											
Panjgur ...											
Peshawar ...		06 03	08 01	29 03	30 10	30 31	30 13	30 13	31 11		
Quetta ...					31 05	32 15	26 11				
Sharjah ...											
Sylhet ...	No	Ascent									
Veraval ...											

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Misda																...	..
Karachi ...	25 25	25 33	28 29	27 25	27 15	35 04	06 06	05 11	08 10	06 05	05 12	07 13	08 19	06 29	08 23	07 33	...	...
Peshawar ...	...	36 23	11 15	21 15	30 10	30 12	31 15	31 13	30 13	31 25	33 33	01 20	31 73	—	...		..	...
Quetta ...																		

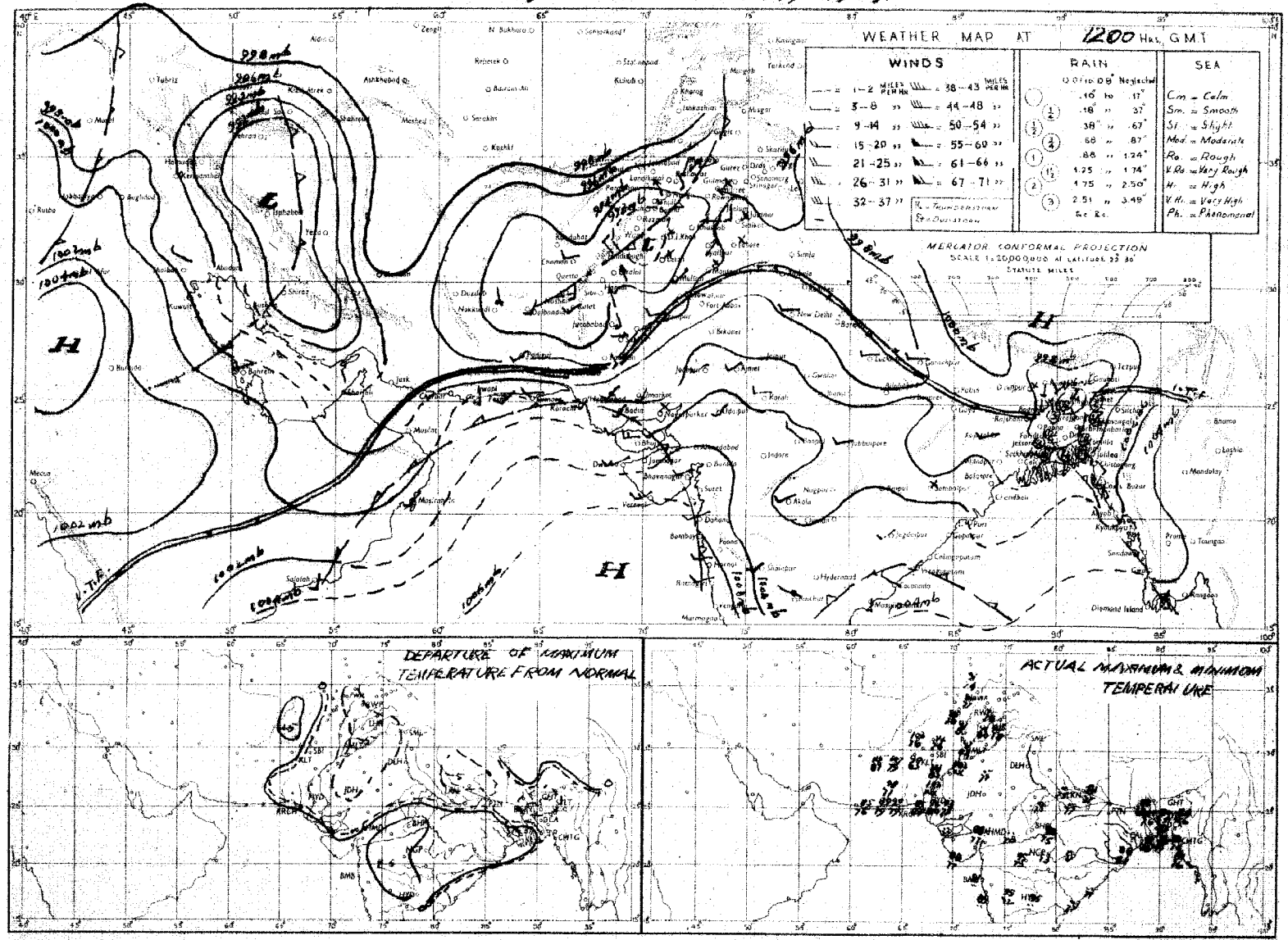
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGili Cddv,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, 16th AUGUST, 1959



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

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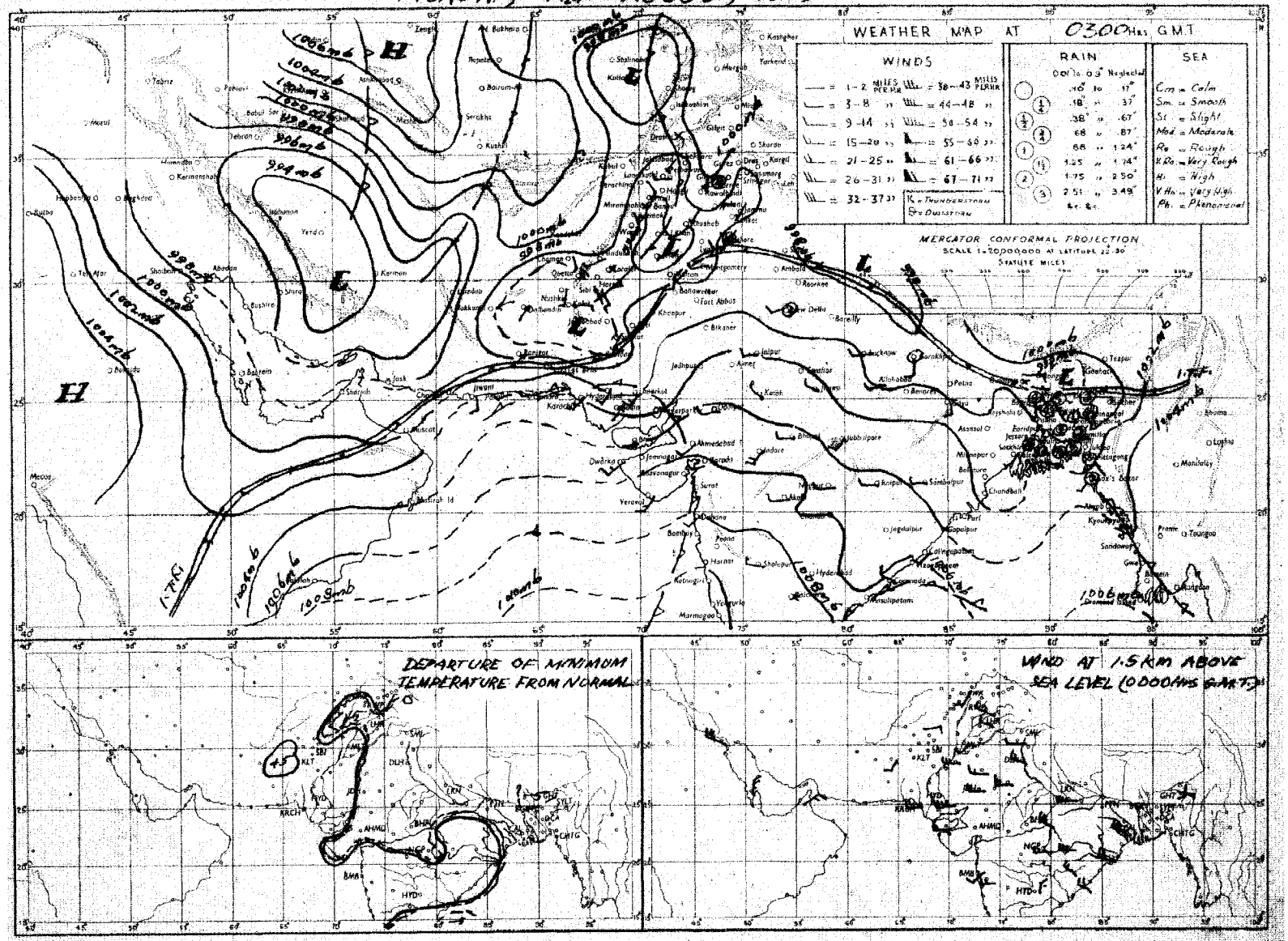
PAKISTAN DAILY WEATHER MAP

MONDAY, 17th AUGUST, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

TUESDAY THE 18th AUGUST, 1959

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

Yesterday's low pressure wave over D. I. Khan and adjoining Peshawar divisions is moving away eastwards.
The low pressure wave over east Russian Turkistan moved away eastwards.
Weather remained dry over West Pakistan except for drizzle in Lahore division and the Federal Capital area.
Yesterday's low now lies over West Bengal.
Rain/thundershowers have been widespread in Chittagong and Dacca divisions and fairly widespread in Rajshahi division.
Chief amounts of rainfall are: Mymensingh 7"; Sirajganj 5"; Bogra 4"; Jessore, Rajshahi 2" each, Comilla, Brahmanbaria, Rangpur 1½" each, Maijdee Court, Dacca, Faridpur, Dianjpur 1" each; Cox's Bazar, Sylhet, Barisal ½" each and Srimangal ¼".
Day temperatures were 3—7°F below normal in Multan, Lahore, south Kalat divisions and East Pakistan.
Forecast valid until the evening of 19th August, 1959 Fairly widespread rain/thundershowers will occur in East Pakistan and scattered in Rawalpindi division and Kashmir.
Heavy Rainfall Warning:— Locally heavy rainfall will continue in East Pakistan during the next 24 hours,

Karachi-11
The 18th August, 1959.

OBSERVATIONS

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

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)* PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud † Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature of TxTx	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level Pressure (mbs. and tenths)* PPP	Dry Bulb temperature TT	Amount of Lowest Cloud † Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Minimum Temperature of TnTn	Departure from Normal of: Maximum Temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 to date	Annual normal
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	052	9	8	25	03	96	03	6	003	77	6	4	6	1	2	76	80	052	9	8	20	05	95	15	1	001	81	6	5	4	2	7	78	75	— 5	— 1	96.7	+12.6	112.5	140
	Chittagong	015	8	8	20	05	97	02	6	988	80	6	4	5	2	1	78	80	015	0	7	13	05	97	03	2	990	83	5	4	5	2	0	78	75	— 6	— 1	77.6	+20.2	110.6	108
	Maijdee Court	005	8	3	18	05	97	03	6	982	82	3	4	5	2	1	76	84	120	6	8	00	00	96	03	4	985	78	4	4	5	2	x	77	76	— 1	— 1	75.1	+16.1	107.9	115
	Comilla	040	2	8	00	00	96	03	6	975	80	8	4	5	1	1	78	81	142	9	6	00	00	97	03	4	986	81	6	4	5	2	0	78	77	— 7	+ 1	43.8	— 1.3	69.8	94
	Brahmanbaria	169	8	8	23	03	96	03	6	973	80	8	5	5	1	1	78	81	166	0	5	13	01	97	03	1	987	82	5	5	5	2	0	78	75			34.0	— 0.6	60.0	76
	Sylhet	053	4	8	00	00	96	61	6	972	78	6	5	4	2	1	77	81	054	9	2	13	02	96	01	6	992	83	2	1	4	1	0	77	77			206.5	—	146.5	—
	Srimangal	027	8	8	18	02	96	03	6	972	80	0	5	4	1	1	76	81	027	0	2	00	00	97	01	1	992	85	2	1	7	0	0	74	76	— 9	0	47.6	+ 6.8	78.6	98
Dacca	Mymensingh	290	8	8	27	05	95	60	6	951	77	8	6	7	3	1	77	81	668	9	8	13	02	97	21	6	983	78	8	7	4	3	x	x	78	76	— 6	— 2	61.0	+18.6	83.1	91
	Narayanganj	002	9	8	23	03	94	03	6	966	82	7	3	3	1	1	79	82	012	2	8	00	00	94	03	6	979	81	7	7	3	2	x	x	77	78	— 5	— 1	39.7	+ 6.7	68.0	74
	Dacca (Tezgaon)	032	9	8	23	05	97	02	6	963	80	6	3	3	2	1	78	82	102	9	8	16	02	92	68	6	974	78	7	7	3	2	x	x	78	77			40.2		56.1	—
	Faridpur	028	6	8	00	00	95	60	6	974	80	8	5	6	1	1	79	80	111	9	8	00	00	95	51	6	997	79	8	7	4	2	x	x	78	75	— 7	— 2	38.2	+ 5.2	66.6	71
	Barisal	012	9	5	00	00	97	03	6	975	82	3	7	5	4	0	79	83	040	9	8	18	04	97	03	6	976	79	8	8	0	9	4	0	78	76	— 4	— 2	60.6	16.3	75.5	81
Rajshahi	Khulna	000	8	8	00	00	95	02	2	978	83	8	5	6	1	1	79	84	000	0	8	00	00	95	03	2	985	80	8	5	5	1	x	x	79	77	— 3	— 1	44.6	10.9	65.5	66
	Satkhira	300	9	8	00	00	97	58	4	xxx	xx	1	5	1	7	1	80	85	000	0	8	00	00	94	03	2	979	80	8	6	4	1	x	x	77	77	— 3	— 1	32.8	+ 0.5	51.0	65
	Jessore	000	0	8	18	02	95	03	3	974	83	8	4	4	5	8	3	83	194	9	8	18	03	95	03	6	972	80	8	6	7	5	x	x	79	76			33.0	+ 1.5	69.0	65
	Sirajganj	076	0	xx	xx	xx	xx	xx	5	945	79	8	7	7	4	0	0	78	81	525	9	8	13	03	97	02	6	965	80	6	7	7	5	0	0	79	76	— 6	— 1	44.1	+13.7	69.0	64
	Bogra	029	5	8	24	02	96	17	4	954	79	4	7	4	0	0	79	83	432	9	8	13	03	96	21	6	966	79	8	6	7	4	x	x	79	77	— 6	— 3	43.9	+11.0	63.0	64
	Dinajpur	000	8	5	09	02	96	17	2	946	87	3	3	5	1	1	78	83	121	3	8	00	00	96	61	6	002	78	8	4	7	4	0	7	77	+ 4	— 1	27.9	— 8.2	45.3	72
	Rangpur	010	1	8	05	02	96	97	2	xxx	81	8	5	6	1	1	78	90	147	3	8	09	05	96	63	6	xxx	78	8	5	7	6	x	x	77	77	+ 1	— 1	40.0	— 1.3	59.9	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	802	3	3	29	02	96	01	5	944	91	1	4	6	4	0	82	94	002	0	1	23	07	96	05	0	930	85	1	0	9	3	x	0	78	81	— 3	+ 3	19.6	+ 9.4	23.5	19
	Sialkot	000	0	3	00	00	97	02	1	939	93	3	2	6	x	x	77	90	000	2	6	05	02	97	03	1	921	88	6	7	6	x	x	0	81	82	— 4	+ 4	35.0	+18.5	41.1	32
Rawalpindi	Jhelum	000	0	0	00	00	97	01	1	937	93	2	1	7	0	0	79	94	000	2	7	00	00	95	10	5	924	84	3	7	7	2	x	0	80	82			36.5	—	36.5	—
	Rawalpindi	000	0	3	00	00	99	02	1	937	92	3	1	7	0	0	78	92	000	0	7	09	02	98	03	2	916	86	6	7	0	9	6	0	80	80	— 2	+ 5	29.9	+ 4.8	33.9	34
	Khushab	010	0	3	00	00	96	65	4	941	95	3	2	6	0	0	78	96	000	0	0	00	00	99	05	4	920	90	0	0	9	0	0	0	82	82	4	+ 1	12.7	+ 5.3	18.2	35
Multan	Lyallpur	000	0	5	00	00	96	02	0	946	95	0	0	0	0	0	80	95	000	0	0	23	02	96	00	0	930	84	0	0	9	0	0	0	77	83	— 3	+ 3	7.6	+ 1.3	10.4	13
	Montgomery	000	0	9	23	03	96	00	0	939	93	0	0	9	0	0	78	98	000	0	0	00	00	96	00	0	951	87	0	0	9	0	0	0	72	80	— 3	+ 2	2.7	+ 1.9	5.0	10
	Multan	000	0	0	00	00	97	02	0	932	99	0	0	9	0	0	78	100	000	0	0	23	07	96	07	0	928	84	0	0	9	0	0	0	74	83		0	4.1	+ 0.3	6.2	7
Bahawal-pur	Leiah	000	0	2	00	00	93	08	0	947	93	0	0	8	3	0	76	04	000	0	0	18	10	96	05	0	951	87	0	0	9	0	0	0	84	85			3.5	—	5.4	8
	Khanpur	000	0	0	23	03	96	00	0	993	99	0	0	9	0	0	93	104	000	0	0	20	11	96	05	0	936	84	0	0	9	0	0	0	78	80		— 1	0.3	— 3.7	1.2	4
	Bahawalpur																																							4
	Fort Abbas	000	0	3	20	03	96	00	0	980	82	0	3	8	0	0	77	xx	000	0	0	20	07	98	00	0	958	84	0	0	9	0	0	0	74	80	—	—	—	—	—	—
Peshawar	Chakdara	000	0	1	23	02	99	01	1	910	90	1	1	1	7	0	75	91	000	0	1	00	00	99	00	0	917	80	0	0	9	0	0	0	73	75			4.4		22.0	—
	Peshawar	000	0	1	05	05	97	01	0	936	94	1	1	1	5	0	0	94	000	0	1	05	03	97	02	0	921	87	1	0	9	3	0	0	77	80	— 4	+ 1	4.1	+ 1.0	17.1	14
	Haripur																		000	2	2	05	02	97	01	0	902	85	0	1	9	6	0	0	77	75			11.3		41.1	
	Campbellpur	000	0	0	13	03	98	00	0	945	94	0	0	9	0	0	75	96	000	6	0	09	03	98	00	1	944	82	0	0	9	0	0	0	82	82			15.6		29.5	
D. I. Khan	Bannu	000	6	0	18	02	99	00	0	917	99	0	0	9	0	0	73	99	000	0	0	00	00	99	00	0	914	87	0	0	9	0	0	0	80	83			1.0	—	16.9	11
	D. I. Khan	000	6	0	00	00	98	00	0	920	00	0	0	9	0	0	79	03	000	0	0	13	02	98	00	0	913	89	0	0	9	0	0	0	79	83	+ 1	+ 2	9.8	+ 5.6	13.5	10
Quetta	Sibi	000	0	0	13	02	99	00	0	923	05	0	0	0	9	0	72	06	000	0	0	18	02	99	00	0	934	89	0	0	9	0	0	0	72	81			2.3	—	2.6	
	Nokkundi	000	0	0	18	02	95	05	0	899	10	0	0	0	9	0	46	12	000	0	0	07	02	96	02	0	962	86	0	0	9	0	0	0	66	81			0	—	1.1	2
	Turbat	000	0	4	02	05	95	03	0	002	93	0	0	0	9	6	80	95	000	0	0	23	02	95	03	2	025	80	2	0	9	6	0	0	71	xx			1.2	—	5.6	
Kalat	Jiwani																		000	0	0	13	05	96	02	2	024	78	2	0	9	5	0	0	74	75			0.1	—	5.7	4
	Pasni	000	0	0	20	14	97	00	01	017	84	6	5	7	0	0	79	85	000	0	0	27	05	97	00	0	021	77	8	5	7	0	0	0	76	76	— 4	0	0	— 0.9	5.2	6
	Ormara	000	0	7	27	16	98	02	1	013	85	7	7	4	5	0	78	87	000	0	0	20	05	98	03	2	016	84	8	4	4	0	0	0	78	78		—	0.1	— 0.7	2.0	86
	Las Bela	000	0	0	00	xx	98	00	0	983	98	0	0	9	0	0	79	102	000	0	0	00	xx	96	30	3	005	88	3	6	8	8	6	4	74	82			4.5	—	4.7	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	25	21	96	03	2	012	85	7	6	5	4	0	79	86	000	9	7	25	15	96	03	2	014	82	8	6	5	4	0	0	78	79	+ 1	+ 1	6.5	+ 1.3	6.5	8
	Karachi (Air Port)	000	0	6	23	19	96	03	6	012	83	6	6	5	4	0	77	86	000	9	7	27	12	96	20	5	008	80	7	5	5	3	0	0	77	78			9.6		9.8	—
	Badin	000	9	9	23	03	95	03	2	016	88	6	0	9	7	0	0	98	000	9	8	23	07	95	03	2	012	82	0	0	8	7	0	0	84	80	+ 6	—	4.4	— 1.0	4.4	9
	Nagarparker	000	0	6	23	02	96	02	2	935	88	9	7	7	0	0	0	91	000	0	8	23	02	96	02	2	958	84	8	7	7	3	0	0	66	79			7.8		7.7	—
	Umerkot	000	0	0	23	16	98	00	0	985	88	7	5	6	0	0	73	93	000	0	0	23	10	98	00	0	976	81	8	5	6	3	0	0	74	75			10.4		11.2	—
	Hyderabad	000	0	5	23	12	96	07	0	992	88	5	5	6	0	0	73	94	000	0	4	23	12	96	97	0	001	83	2	6	5	0	1	0	73	81	+ 1	+ 2	6.4	+ 1.6	7.3	7
Khairpur	Pad-i-dan	000	0	1	16	09	97	01	0	941	02	0	0	9	0	0	77	91	000	0	1	23	14	96	07	0	935	89	1	0	9	3	0	0	71	81			4.7		4.9	—
	Nawabshah	000	0	0	18	09	96	02	0	959	02	0	0	9	0	0	80	03	000	0	0	18	05	96	03	0	950	85	2	0	9	3	0	0	77	81			3.0		3.7	—
	Sukkur	000	0	0	23	05	96	00	0	942	02	0	0	9	0	0	74	99	000	0	0	00	03	96	03	0	932	85	0	0	9	0	0	0	75	80			1.1		2.1	4
	Kashmore	000	0	0	18	06	99	00	0	929	01	0	0	9	0	0	79	99	000	0	0	18	10	99	00	0	957	82	0	0	9	0	0	0	73	80			0.0		0.1	4
	Jacobabad	000	0	0	16	05	96	02	0	931	02	0	0	9	0	0	79	03	000	0	0	09	03	96	02	0	934	85	0	0	9	0	0	0	76	83		0	3.7	+ 1.7	4.4	4
Junagadh & Afghanistan	Veraval																																							20
	Jalalabad																																							—
Arab Sts	Muscat																																							4
	Kuwait																																							—
	HILL STATIONS																																							—
Kashmir	Srinagar																																							26
	Gulmerg																																							—
	Sonamarg																																							71
	Dras																																							26
	Leh																																							3
	Skardu																																							6
	Mingar	000	0	0	09	05	99	00	0	003	78	0	0	9	0	0	31	90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Allabad																																							—
	Gilgit																																							—
Rawalpindi	Murree	000	5	8	31	02	96	03	4	415	69	8	3	3	x	x	64	71	000	9	3	27	09	98	01	1	379	65	3	1	4	0	0	0	61	59	+ 1	+ 2	30.9	+ 5.0	56.1	59
	Drosh	000	0	9	23	07	97	02	0	349	96	0	0	0	0	0	42	03	000	0	0	00	00	98	02	0	382	77	0	0	9	0	0	0	51	74	— 1	+ 2	1.3	—	30.4	18
	Chorat	000	0	1	31	03	97	01	0	401	83	1	2	6	0	0	82	83	000	0	0	31	01	98	42	1	369	75	1	0	9	0	0	0	74	69	— 3	— 1	6.0	— 2.2	16.0	29
D.I. Peshawar Khan	Kakul	000	8	4	20	05	97	03	1	396	80	1	1	7	9	0	0	91	000	0	0	00	00	97	01	1	377	74	1	0	4	9	0	0	65	70	—	—	35.0	—	44.7	—
	Landi Kotal	000	0	1	13	02	99	00	1	386	87	1	1	7	9	0	0	91	000	0	0	00	00	99	00	0	372	82	0	0	9	0	0	0	69	xx	—	—	2.5	—	17.6	—
	Parachinar	000	0	2	07	02	99	00	1	794	84	0	0	9	1	0	0	xx	000	0	0	36	01	99	00	0	790	68	0	0	9	0	0	0	50	xx	—	—	10.2	—	24.2	29
	Miranshah	000	0	0	05	02	99	00	0	392	93	0	0	9	0	0	78	94	000	0	0	00	00	99	00	0	366	84	0	0	9	0	0	0	71	77	—	—	2.7	—	5.7	13
	Wana	000	0	2	13	05	98	02	2	382	88	0	0	9	0	0	66	92	000	0	0	23	02	98	03	0	372	74	0	0	9	0	0	0	69	69	—	—	0	—	0	—
	Fort Sandeman	000	6	5	00	00	98	03	0	384	96	0	0	9	0	0	66	96	000	0	0	27	03	98	02	0	399	71	0	0	9	0	0	0	71	75	+ 2	+ 2	4.9	— 0.8	13.6	11
	Hindubagh	000	0	3	09	03	96	00	0	345	91	0	0	9	4	0	66	91	000	0	0	25	04	96	00	0	375	80	0	0	9	0	0	0	53	79			2.4		10.5	
	Loralai	000	0	2	16	02	98	02	1	449	89	0	0	9	0	0	72	90	000	0	0	00	00	98	00	0	445	76	0	0	9	0	0	0	61	61			6.0		11.8	
	Harnai	000	0	0	60	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	00	00	98	00	0	xxx	xx	0	0	9	0	0	0	xx	xx			4.5	— 1.1	8.7	
	Quetta																		000	0	0	05	02	94	00	0	390	79	0	0	9	0	0	0	56	68			2.8	— 1.9	8.4	
	Chaman	000	0	0	27	03	98	00	01	401	01	0	0	9	0	0	41	02	000	0	0	18	03	98	02	0	417	83	0	0	9	0	0	0	52	75	+ 4	+ 3	0.2	— 0.4	6.3	9
	Kalat	000	0	2	27	05	9	02	1	393	88	2	2	7	9	0	58	91	000	0	2	18	05	98	03	1	420	73	0	0	9	0	0	0	61	63	+ 2	+ 6	3.1	+ 2.0	8.0	7
	Nushki	000	4	2	00	00	98	03	0	474	88	2	2	9	0	0	82	09	000	2	2	13	05	98	03	0	469	89	0	0	9	0	0	0	69	85	—	—	0.4	—	2.2	5
Afghanistan Kalat Quetta	Dalbandin	000	5	0	31	03	95	05	0	401	07	0	0	9	0	0	45	07	000	9	2	13	03	95	05	0	402	85	0	0	9	0	0	0	65	79	+ 2	+ 8	0	— 0.3	2.1	4
	Panjgur	000	0	0	23	05	98	00	0	435	91	0	0	9	0	0	64	92	000	0	0	23	03	98	03	1	440	76	0	0	9	0	0	0	65	72	+ 8	— 1	1.2	—	2.9	12
	Kabul	000	0	0	27	02	99	00	0	458	92	0	0	9	0	0	69	95	000	0	0	36	02	99	00	0	458	59	0	0	9	0	0	0	42	59	—	—	—	—	—	—
	Kandahar																																							—

Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the current day
Whenever 999 is given for RRR see the remarks above for the actual amounts of rainfall

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 18th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV w_aw_a W	PPP TT	$N_hC_hh_hC_MC_H$	D_aV_a a PP	8 N, Ch. h,	O T, T, T_dT_d	Id$_w$d$_w$PH$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Shigmimaru	23 235	625 00	8 22 25	96 80 2	030 79	84 3 xx	88 81 0	...	...	...
Dara	23 245	610 00	8 19 09	98 02 5	011 79	85 x 00	55 72 0	...	0 56 75	1 19 23
Moordracht	23 156	601 30	6 22 19	97 02 2	049 77	65 4 00	xx xx x	...	0 00 72	1 23 33
Caltex	23 212	596 06	8 19 19	97 02 2	044 93	55 x xx	xx xx x	...	0 01 72	1 19 43

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdT-Td	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	996 260 250	...	...	380 188 158	...	...	316 045 502	777 538 572		...	...	...	...
Jiwani ...														
Karachi ...	00 00	998 258 258	...	...	390 182 992	...	067 185 998	360 050 990	819 562 998	546 620 990	969 772	...	...	...
Lahore ...														
Multan ...														
Peshawar ...	00 00	952 282 248	...	...	350 232 232	...	019 152 055	305 072 512	776 520 990	521 608 998	968 708	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd								Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 212 188	800 162 135	...	...	...	...	...	...	...	800 162 135	...	...
Jiwani ...													
Karachi ...	00 00	..	...	...	..	..	..	...	...	...	969 772 998	...	...
Lahore ...													
Multan ...													
Peshawar ...	00 00	900 258 258	800 205 198	350 665 995	...	...	...	...	...	...	...	...	...
Quetta ...													

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

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

UPPER WIND DATA*

Height in Kms. a.s.l. → / STATION	At 1200 hrs. G.M.T (of Previous day (dd ff)): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
1	2	3	4	5	6	7	8	9	10
Bogra ...	No	Ascent	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...
Chhor ...	23 35	23 37	23 37	...	...	...	...	...	...
Chittagong ...	21 12	23 11	26 14	27 17	28 21	...	...	...	...
Cox's Bazar ...	No	Ascent	..	...	...	...	...	...	...
Dacca ...	24 24	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	24 08	25 14	23 13	24 06	03 15	05 04	02 13
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	21 19	21 14	04 50	01 03	34 10
Fort Sandeman ...	...	...	...	32 03	26 03	29 10	30 25	...	...
Jacobabad ...	18 08	18 07	20 09	28 09	36 08	31 07	30 10	28 08	33 23
Jassore ...	22 12	...	...	...	...	...	...	...	...
Jiwani ...	20 02	21 01	22 10	20 09	29 08	32 09	32 14	31 09	...
Kalat ...	14 41	17 20	17 12	...	...	...	...	...	...
Karachi ...	25 23	26 24	...	...	...	...	...	...	...
Khanpur ...	22 19	21 15	21 13	20 16	20 23	25 21	...	...	...
Lahore ...	32 01	23 05	24 05	28 08	29 16	30 25	...	...	...
Multan ...	30 07	20 09	21 07	27 06	28 07	34 07	32 27	30 35	...
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	06 05	11 05	17 10	25 10	30 23	34 16	34 20	34 19
Quetta ...	...	...	...	...	31 18	30 15	28 10	34 23	33 19
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	No	Ascent	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

Height in Kms. a.s.l. → / STATION	At 0000 hrs. G.M.T. ? of date(dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
1	11	12	13	14	15	16
Bogra ...	No	Ascent	...	...	...	...
Chaklala ...	...	...	...	...	...	...
Chhor ...	23 24	...	...	...	...	...
Chittagong ...	16 20	16 20	19 17	19 13	21 10	17 10
Cox's Bazar ...	17 13	18 11	20 10	24 10	23 05	...
Dacca ...	22 09	22 06	...	...	...	...
Dalbandin ...	...	...	27 10	26 17	31 17	36 10
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	23 01	24 09	22 13
Fort Sandeman ...	...	...	...	22 02	32 12	34 15
Jacobabad ...	17 13	22 03	28 06	30 21	32 19	32 15
Jassore ...	No	Ascent	...	...	...	...
Jiwani ...	16 02	23 08	25 06	28 09	29 13	...
Kalat ...	19 09	21 09	...	...	...	...
Karachi ...	27 38	27 50	...	...	...	...
Khanpur ...	20 19	22 25	22 39	21 41	...	...
Lahore ...	24 07	28 08	29 10	31 10	32 15	34 15
Multan ...	21 15	23 12	23 07	30 04	32 13	...
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	35 08	35 07	33 04	31 24	35 20
Quetta ...	...	...	...	...	24 12	31 17
Sharjah ...	...	...	...	...	...	...
Sylhet ...	16 08	17 08	14 09	15 09	...	...
Veraval ...	...	...	...	...	...	...

Height in Kms. a.s.l. → / STATION	At 0600 hrs. G.M.T. ? of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
1	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	...	...	No	Ascent	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	16 15	16 24	16 22	...	...	...	...	...	...	...	...
Cox's Bazar ...	...	...	No	Ascent	...	...	...	...	...	...	...
Dacca ...	12 12	12 09	12 09	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	24 05	25 13	29 15	33 21	01 12	01 18	35 21	02 30	05 15
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	01 15	36 24	36 28	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	12 03	33 06	29 09	32 14	33 16	36 05	34 10	26 15	...	...	...
Jassore ...	...	...	...	...	No	Ascent	...	...	...	...	...
Jiwani ...	11 07	21 05	25 04	29 09	28 13	32 13	...	...	...	...	...
Kalat ...	17 14	18 07	...	...	...	...	...	...	...	...	...
Karachi ...	27 27	27 27	...	...	...	...	...	...	...	...	...
Khanpur ...	21 31	24 21	24 20	25 35	24 41	25 69	...	...	...	...	...
Lahore ...	24 06	24 08	25 07	26 05	...	...	...	...	...	...	...
Multan ...	20 13	18 08	19 03	25 03	02 07	35 20	36 14	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	11 04	09 05	02 06	30 03	26 03	...	...	...	...	...
Quetta ...	...	...	...	...	31 05	32 19	01 10	36 15	35 10	36 04	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	09 04	09 04	10 39	11 14	12 20	12 18	14 18	14 15	15 11	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l. / STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	21 11	xx xx	17 10	11 10	15 13	15 01	16 17	16 13	08 07									
Karachi ...	27 37	27 32	27 26	27 26	30 17	35 07	01 06	03 04	07 12	07 23	07 19	05 19	...	...	...	...	...	...
Peshawar ...	..	35 12	35 08	02 06	33 10	27 25	36 15	31 12	29 04	31 15	31 12		...	...	...	...	...	...
Quetta ...																		

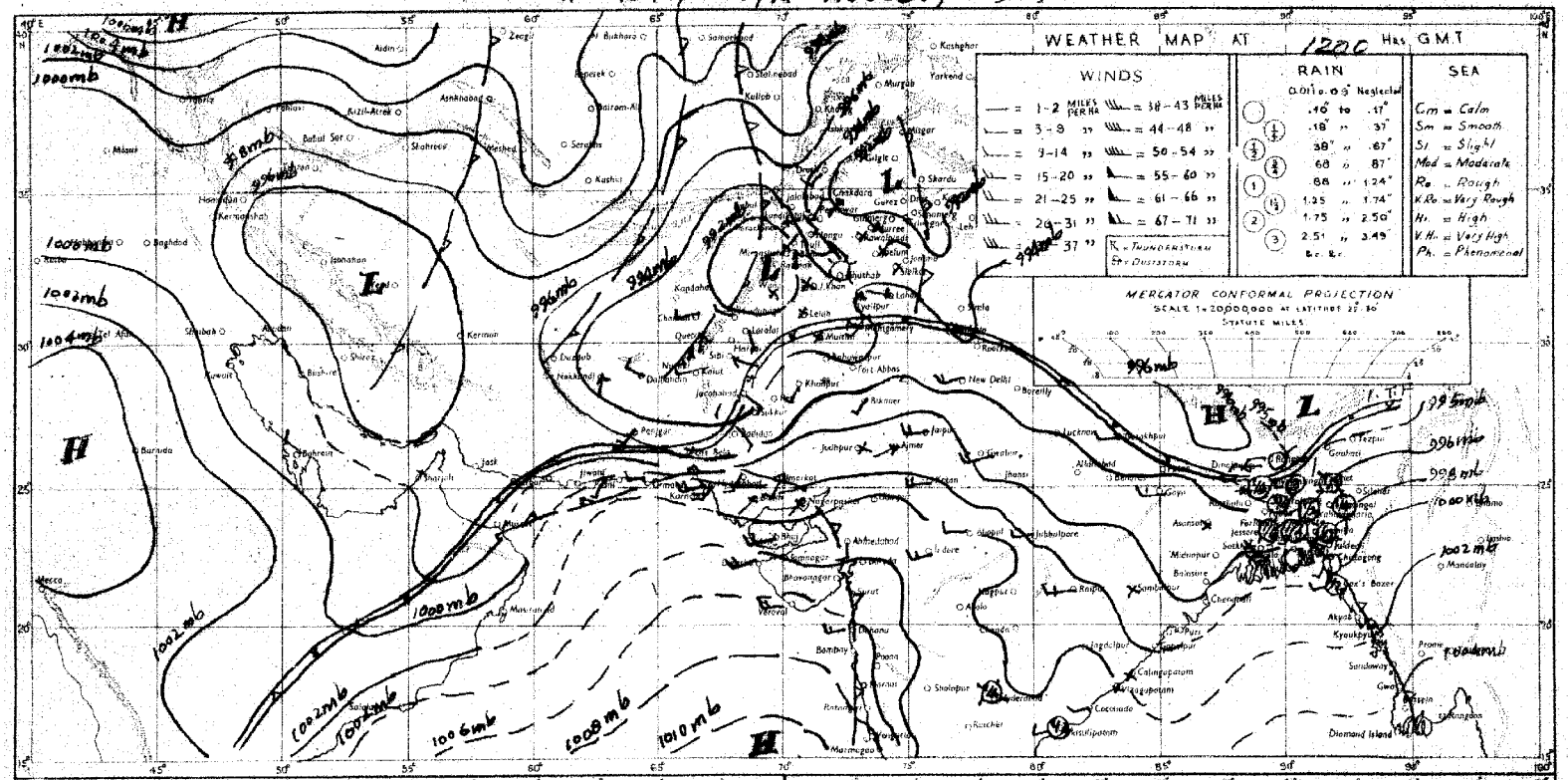
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

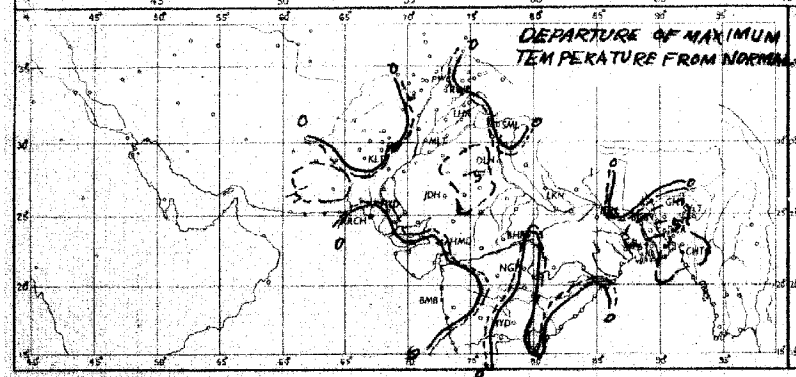
Cloud observation Data (GGiii Cddv,v, etc.)

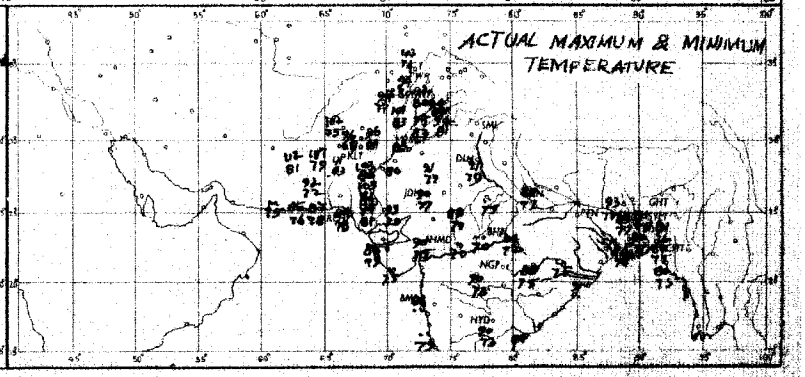
The accuracy of in dividualentries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

MONDAY 17th AUGUST, 1959







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

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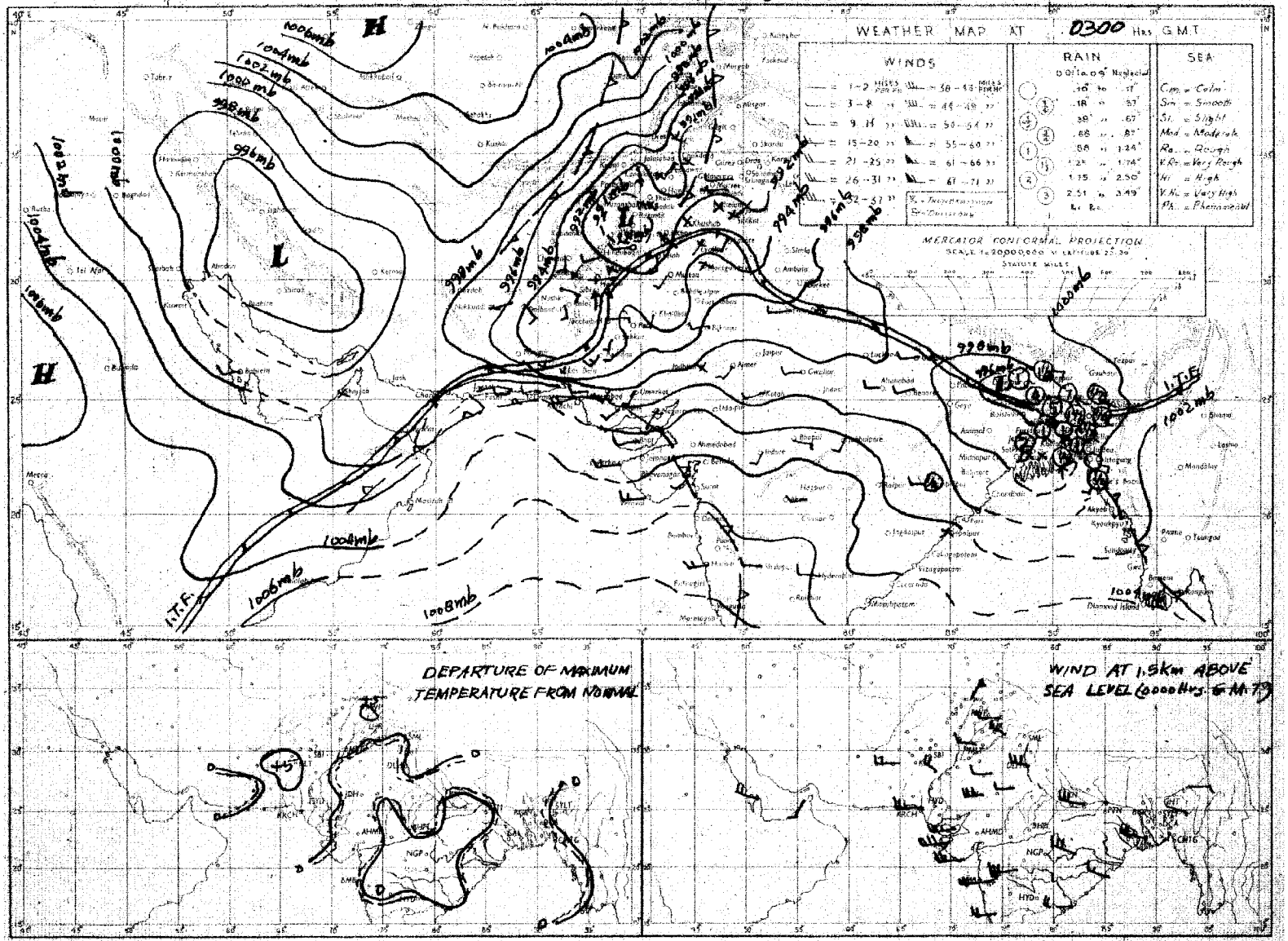
PAKISTAN DAILY WEATHER MAP

TUESDAY 18th AUGUST, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

WEDNESDAY THE 19th AUGUST, 1959.

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

Yesterday's low over West Bengal merged into the seasonal trough of low.

Conditions are unsettled over head Bay of Bengal where a depression may from.

Local rain/thundershowers have occurred in East Pakistan.

A low pressure wave is moving across Peshawar division.

Local thunderstorms/showers have occurred in Rawalpindi division and scattered in Lahore and Peshawar divisions. Local drizzle has occurred in the Federal Capital Area.

Chief amounts of rainfall are: Satkhira, Jessore, Rangpur 3/4" each; Cox's Bazar, Sylhet, Khulna, Rawalpindi ½" each and Srimangal, Barisal ½" each.

Day temperatures were 3—5°F below normal in south Kalat and Rajshahi divisions and 3—6°F above normal in north Kalat and Quetta divisions.

Forecast, valid until the evening of 20th August, 1959 Fairly widespread rain/thundershowers will occur in Chittagong and Dacca divisions, local in Rajshahi, Rawalpindi divisions and Kashmir and scattered in Peshawar and Lahore divisions.

Heavy Rainfall Warning:— A few moderate to heavy falls are likely to occur in Chittagong and Dacca divisions during the next 24 hours.

Karachi-11
The 19th August, 1959.

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

OBSERVATIONS

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	6	7	20	13	97	02	6	964	81	5	4	5	2	0	77	84
	Chittagong	000	9	5	18	05	97	01	0	962	82	2	1	6	2	2	75	85
	Maijdee Court	000	0	5	18	09	96	13	1	952	84	5	9	5	0	0	77	88
	Comilla	013	7	5	00	00	97	03	6	955	83	5	5	5	0	0	79	90
	Brahmanbaria	000	0	4	00	03	96	02	1	952	86	1	1	6	3	1	78	90
	Sylhet	004	0	8	00	00	94	60	1	955	86	8	5	4	x	x	79	92
	Srimangal																	
Dacca	Mymensingh	000	0	2	00	00	98	01	2	953	86	0	0	9	0	4	77	87
	Narayanganj	000	9	6	18	03	96	03	1	952	84	3	4	4	2	1	78	88
	Dacca (Tezgaon)	001	9	8	16	03	98	02	6	949	83	4	3	4	0	2	79	86
	Faridpur	000	6	5	00	00	96	01	2	947	83	3	4	7	1	0	77	85
	Barisal	000	0	6	00	00	97	03	1	957	83	4	7	5	4	0	77	86
Rajshahi	Khulna	000	0	8	00	00	95	02	2	953	81	8	5	3	x	x	75	82
	Satkhira	000	0	8	00	00	94	03	2	955	83	x	x	x	x	x	79	84
	Jessore	000	0	4	09	02	96	02	5	950	82	4	4	6	0	0	81	83
	Sirajganj	000	0	8	00	00	97	02	2	963	84	8	0	9	5	x	80	84
	Bogra	003	7	3	13	02	96	01	5	945	83	1	2	6	0	8	83	83
	Dinajpur	000	8	4	00	00	96	02	2	923	85	4	0	9	2	0	78	87
	Rangpur	070	8	1	18	02	96	01	6	xxx	86	1	5	6	0	0	77	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	5	4	13	02	96	03	9	911	93	2	9	6	0	6	79	95
	Sialkot	000	8	7	23	04	97	03	5	913	89	4	2	6	2	0	79	94
Rawalpindi	Jhelum	000	1	6	13	02	96	20	5	912	87	1	1	7	1	8	77	94
	Rawalpindi	000	3	2	13	02	99	01	9	903	92	0	0	9	0	3	82	96
	Khushab	000	0	0	13	02	96	05	4	915	99	0	0	9	0	0	79	99
Multan	Lyallpur	000	0	0	13	02	96	00	0	908	96	0	0	9	0	0	79	97
	Montgomery	000	0	0	00	00	96	00	0	911	98	0	0	9	0	0	74	99
	Multan	000	0	0	23	02	97	02	0	893	01	0	0	9	0	0	79	02
Bahawalpur	Leiah	000	0	5	18	05	96	05	3	973	99	4	9	7	3	0	78	03
	Khanpur	000	0	0	25	03	95	05	0	886	06	0	0	9	0	0	91	06
	Bahawalpur	000	0	0	20	05	98	00	0	912	99	0	0	9	0	0	75	01
	Fort Abbas																	
Peshawar	Chakdara	000	0	1	23	02	99	01	1	986	94	1	1	7	0	0	78	95
	Peshawar	000	0	1	36	07	95	05	0	885	96	1	1	5	0	0	75	98
	Haripur	000	4	4	23	02	97	03	1	882	82	4	5	6	0	0	73	93
	Campbellpur	000	0	0	13	05	98	00	0	906	98	0	0	9	0	0	75	99
D. I. Khan	Bannu	000	0	0	13	01	99	00	0	879	03	0	0	9	0	0	71	03
	D. I. Khan	000	6	0	00	00	98	00	0	878	01	0	0	9	0	0	84	02
Quetta	Sibi	000	0	0	23	02	99	00	0	950	08	0	0	9	0	0	71	09
Kalat	Nokkundi	000	0	0	31	05	96	02	0	886	14	0	0	9	0	0	xx	15
	Turbat	000	0	0	23	02	96	00	0	968	97	0	0	9	0	0	89	04
	Jiwani	000	0	8	18	05	96	02	2	978	81	7	6	6	4	x	72	84
	Pasni	000	0	4	23	16	97	02	0	975	84	4	5	7	0	0	79	87
	Ormara	000	0	5	27	12	98	02	1	970	86	5	4	6	0	x	77	86
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	4	7	25	18	96	03	5	971	83	7	6	4	0	0	79	85
	Karachi (Air Port)	000	0	7	25	23	96	01	2	969	84	6	6	4	3	0	77	86
	Badin	000	9	8	23	03	95	03	2	952	87	8	9	7	x	x	77	90
	Nagarparker	000	0	8	25	05	96	02	2	952	89	8	6	7	x	x	75	91
	Umarkot	000	0	8	23	16	98	02	0	944	88	8	5	6	x	x	75	93
	Hyderabad	000	0	4	23	12	96	07	0	938	88	2	6	5	0	1	73	92
Khairpur	Pad-i-dan	000	0	0	07	09	97	02	0	839	06	0	0	9	0	0	68	08
	Nawabshah	000	0	1	20	12	96	01	0	909	00	1	0	9	3	0	78	02
	Sukkur	000	0	0	20	03	96	00	0	883	04	0	0	9	0	0	82	07
	Kashmore	000	0	0	18	06	99	00	0	898	02	0	0	9	0	0	73	03
	Jacobabad	000	0	0	16	01	96	02	0	883	04	0	0	9	0	0	81	04
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	3	8	00	00	96	03	4	378	70	8	5	2	x	x	65	71
Peshawar	Drosh	000	0	0	36	07	98	02	0	372	99	0	0	9	0	0	41	00
	Cherat	000	0	1	23	05	96	05	0	350	81	1	2	6	0	0	77	87
	Kakul	000	8	6	18	05	97	03	1	371	84	6	3	6	0	0	69	86
	Landi Kotal	000	0	0	13	03	98	00	0	356	92	0	0	9	0	0	71	01
D.I. Khan	Parachinar	000	0	0	13	02	99	00	0	790	90	0	0	9	0	0	55	xx
	Miranshah	000	0	0	05	02	99	00	0	348	99	0	0	9	0	0	85	00
	Wana	000	0	0	13	07	98	00	0	341	92	0	0	9	0	0	xx	01
Quetta	Fort Sandeman	000	0	0	31	03	98	02	0	367	01	3	0	9	0	0	28	03
	Hindubagh	000	0	0	02	04	96	00	0	328	97	0	0	9	0	0	68	97
	Loralai	000	0	0	23	02	98	00	0	516	98	0	0	9	0	0	55	02
	Harnai	000	0	0	09	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	31	03	96	00	0	347	96	0	0	9	0	0	38	98
	Chaman	000	0	0	27	05	98	00	0	377	03	0	0	9	0	0	24	05
Kalat	Kalat	000	0	0	34	18	96	07	0	367	89	0	0	9	0	0	57	92
	Nushki	000	6	0	13	05	98	02	0	466	11	0	0	9	0	0	83	11
	Dalbandin	000	7	2	27	05	95	05	0	384	09	1	1	7	3	0	57	09
	Panjgur	000	0	0	23	03	98	00	0	413	94	0	0	9	0	0	62	95
Afghanistan	Kabul	000	0	0	18	02	99	00	0	458	93	0	0	9	0	0	73	94
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	045	3	4	00	00	97	03	6	006	84	2	5	5	2	0	77	79		+3	97.1	+12.2	113.0	148
Chittagong	000	0	4	16	05	97	01	1	006	84	2	2	6	1	0	74	77	−2	+1	77.6	+19.6	110.6	108
Maijdee Court	000	4	6	18	02	97	02	1	003	82	0	0	9	0	2	75	77	0	−1	75.1	+15.3	107.9	115
Comilla	000	0	6	00	00	97	03	8	006	81	6	2	5	0	0	78	77	+1	+1	43.8	−1.8	69.8	94
Brahmanbaria																		—					76
Sylhet	040	9	7	05	05	97	03	9	004	85	1	4	6	3	1	78	77	—	—	106.9	—	144.9	—
Srimangal	031	9	7	09	02	96	03	9	007	87	3	4	7	0	1	78	77	+2	+1	47.9	+6.7	79.9	98
Mymensingh	000	0	4	13	02	99	02	1	010	83	4	4	5	0	0	77	76	0	−2	61.0	+18.2	83.1	91
Narayanganj	002	5	8	13	07	97	03	6	005	86	1	5	5	7	8	75	79	+1	0	39.8	+6.3	60.1	74
Dacca (Tezgaon)	010	6	7	13	07	97	02	6	997	83	3	3	4	0	2	77	79	—	—	40.8		52.2	—
Faridpur	007	9	8	16	02	97	03	6	001	83	8	7	5	x	x	77	77	−2	−1	38.2	+5.0	66.7	71
Barisal	018	4	6	09	02	97	03	6	999	85	6	0	9	4	0	78	76	−1	−2	60.8	+20.0	75.7	81
Khulna	041	9	7	09	07	97	01	6	994	83	7	5	6	0	0	79	78	−5	0	45.1	+9.8	65.9	68
Satkhira	084	0	8	00	00	96	03	6	998	81	x	x	x	x	x	78	77	−4	−1	33.9	+0.9	51.8	65
Jessore	088	9	8	18	05	96	03	6	991	81	8	4	5	x	x	78	78	—	—	33.0	+2.2	49.8	65
Sirajganj	000	0	6	13	03	97	01	2	986	83	1	2	6	9	1	82	79	−3	0	44.1	+13.3	69.0	84
Bogra	003	0	5	09	03	96	01	2	999	84	1	7	4	7	0	78	80	−6	+2	44.0	+10.7	63.0	69
Dinajpur	000	3	4	00	00	96	02	1	001	85	4	0	9	2	0	76	78	−2	0	27.9	+8.5	45.3	72
Rangpur	070	0	7	05	02	96	02	1	xxx	85	7	5	6	0	0	79	77	−1	−1	40.7	−1.9	60.6	84
Jammu																							—
Lahore (Jail Rd.)	000	0	0	23	02	95	05	0	958	85	0	0	9	0	0	77	82	−2	+4	19.6	+9.3	23.5	19
Sialkot	030	6	6	05	03	97	02	1	963	85	6	4	6	0	0	79	80	0	+2	35.0	+19.2	41.1	32
Jhelum	003	8	8	13	03	96	02	1	962	83	2	5	7	1	x	80	83		—	26.2	—	36.5	—
Rawalpindi	045	2	7	36	02	98	03	6	952	78	7	6	5	0	0	76	74	+2	−1	21.3	+4.9	34.4	36
Khushab	000	0	0	13	07	96	05	4	950	89	0	0	9	0	0	81	83	−1	+2	12.7	+5.5	18.2	15
Lyallpur	000	0	0	13	03	96	00	0	957	84	0	0	9	0	0	76	83	−1	+3	7.6	+1.1	10.4	12
Montgomery	000	0	0	00	00	96	00	0	955	87	0	0	9	0	0	72	82	−2	0	2.7	−3.0	5.0	10
Multan	000	0	0	23	05	97	02	0	951	84	0	0	9	0	0	77	83	+4	0	4.1	+0.2	6.2	7
Leiah	000	0	7	13	03	96	01	2	976	89	5	8	5	1	0	81	xx	—	—	3.5	—	5.4	8
Khanpur	000	0	0	20	07	96	05	0	951	84	0	0	9	0	0	80	81	+3	0	0.3	−3.8	1.3	6
Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—	—				6
Fort Abbas																							4
Chakdara	000	0	3	00	00	97	01	1	937	82	3	0	8	7	0	75	77	—	—	4.4	—	20.0	—
Peshawar	000	9	2	31	03	96	05	0	943	87	2	5	6	0	0	81	83	0	+4	4.1	+0.9	17.1	14
Haripur	000	3	5	23	04	97	03	1	934	86	0	0	9	0	9	70	75	—	—	11.3	—	22.1	
Campbellpur	000	4	4	13	03	98	01	2	937	82	4	0	9	4	0	82	83	—	—	15.6	—	29.5	—
Bannu	000	0	0	00	00	96	00	0	941	88	0	0	9	0	0	80	85			10.0	—	16.9	11
D. I. Khan	000	0	0	00	00	98	00	0	941	89	0	0	9	0	0	81	83	+2	+2	9.8	+4.5	13.5	10
Sibi	000	0	0	18	02	98	00	0	*938	88	0	0	9	0	0	73	80	—	—	2.3	—	2.6	5
Nokkundi	000	6	3	34	02	97	03	1	941	97	0	0	9	0	2	58	86	—	—	0	—	1.1	2
Turbat	000	0	6	23	02	95	03	0	960	81	0	0	9	0	1	73	xx	—	—	1.2	—	5.6	—
Jiwani	000	0	7	00	00	96	02	2	981	80	3	5	5	3	0	76	78	—	—	0.1	—	5.7	4
Pasni	000	0	8	29	03	97	02	2	983	79	8	5	7	x	x	76	76	−2	0	0	−0.9	2.5	6
Ormara	000	0	8	27	03	97	80	2	980	78	8	4	4	x	x	77	xx	—	—	0.1	−0.7	2.0	86
Las Bela																							
Karachi (Manora)	000	5	8	25	18	93	51	8	981	81	8	6	4	x	x	80	77	0	−1	6.5	+1.3	6.5	8
Karachi (Air Port)	000	0	8	27	12	96	50	5	977	79	6	6	4	4	x	78	79	—	—	9.6	—	9.8	—
Badin	000	9	8	23	02	95	03	2	972	80	8	9	7	x	x	77	79	−2	0	4.6	−1.1	4.6	9
Nagarparker	000	0	8	23	03	96	02	2	972	83	8	7	7	x	x	65	78	—	—	—	—	—	—
Umarkot	000	0	8	23	10	98	02	0	957	91	8	5	6	x	x	75	79	—	—	10.4	—	11.2	—
Hyderabad	000	0	4	23	09	96	07	0	959	83	4	6	5	0	0	74	81	−3	+2	6.4	+1.5	7.1	7
Pad-i-dan	000	0	1	16	05	97	01	0	927	84	0	0	9	0	1	73	79	—	—	4.7		4.9	—
Nawabshah	000	0	3	18	07	96	03	0	937	85	0	0	9	0	5	76	81	—	—	3.0	—	3.7	—
Sukkur	000	0	0	20	03	96	03	0	938	81	0	0	9	0	0	74	79	—	—	1.1	—	2.1	4
Kashmore	000	0	0	18	10	99	00	0	949	82	0	0	9	0	0	72	79	—	—	0		4.1	—
Jacobabad	000	0	0	09	03	96	02	0	938	83	0	0	9	0	0	77	82	+1	0	3.7	+1.6	4.4	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																							
Gilgit																							5
Murree	000	9	8	05	02	96	17	4	419	65	8	9	2	x	x	63	62	+1	+5	30.9	+4.5	56.1	59
Drosh	000	0	0	00	00	98	02	0	430	83	0	0	9	0	0	59	76	+5	+4	1.3	—	30.4	18
Cherat	000	0	8	13	03	92	47	4	401	75	8	5	6	x	x	75	74	+1	+4	5.9	−2.4	16.0	29
Kakul	002	2	7	36	02	96	95	9	406	74	6	9	6	0	3	71	72	—	—	35.0	—	44.7	—
Landi Kotal	000	0	1	00	00	97	03	0	372	83	1	1	7	0	0	73	xx	—	—	2.5	—	17.5	—
Parachinar	000	0	3	13	01	96	02	0	794	74	3	0	9	1	0	61	xx	—	—	10.2	—	24.2	29
Miranshah	000	0	0	00	00	99	00	0	395	84	0	0	9	0	0	77	78	—	—	2.7	—	5.7	13
Wana	000	0	0	00	00	97	00	6	403	80	0	0	9	0	0	57	71	—	—	—	—		11
Fort Sandeman	000	0	0	00	00	97	02	0	407	83	0	0	9	0	0	67	76	+6	+3	4.9	+0.8	13.6	—
Hindubagh	000	0	0	23	01	98	00	0	363	78	0	0	9	0	0	61	77	—	—	2.4	—	10.5	—
Loralai	000	0	0	27	02	98	00	0	464	71	0	0	9	0	0	43	63	—	—	6.0	—	11.8	14
Harnai	000	0	0	00	00	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	4.5	−1.1	8.7	8
Quetta	000	0	0	18	02	95	00	0	382	81	0	0	9	0	0	58	67	—	—	2.8	+1.9	8.4	7
Chaman	000	0	0	18	02	98	02	0	428	87	0	0	9	0	0	34	77	+7	+5	0.1	0	6.3	9
Kalat	000	0	0	18	02	98	02	0	394	77	0	0	9	0	0	57	63	+3	+6	3.1	+2.0	8.0	—
Nushki	000	0	0	13	02	98	02	0	463	93	0	0	9	0	0	67	83	—	—	0.4	—	2.2	5
Dalbandin	000	9	0	00	00	96	02	0	379	83	0	0	9	0	0	48	77	+4	+6	0	−0.3	2.1	4
Panjgur	000	0	0	00	00	98	00	0	423	75	0	0	9	0	0	66	72	−5	−1	1.2	—	2.9	12
Kabul	000	0	0	00	00	99	00	0	459	72	0	0	9	0	0	46	56	—	—	—	—		—
Kandahar																							

† Given in Code.

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

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

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

Whenever 999 is given for RRR see the summary above for the actual amount of rainfall

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 19th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhC hCMCH	DsVs a PP	8 Ns Ch hs	O TsTs TdTd	Idwdw PH
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Sheimemaru	33 228	600 00	1 23 25	97 02 2	005 87	13 4 00	63 81 0	...		
Anwarbaksh	33 205	700 00	5 24 09	98 01 2	029 80	51 3 00	73 70 2	...	0 00 80	1 24 33
Anwarbaksh	33 211	697 06	6 20 18	98 02 2	039 82	53 4 10	74 60 6	...	0 01 75	1 32 34
Faraistan	33 260	569 12	8 12 09	97 01 2	971 87	00 9 07	35 71 9	...	0 52 81	1 12 32
Anwarbaksh	33 244	686 18	8 20 24	97 03 5	989 81	73 4 2x	73 71 1	...	0 00 74	1 22 34

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPPTTTTdTdTd	HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	997 282 252	...	..	390 168 122	...	026 088 042	284 015 515	732 562 598	448 655 708	957 805	232 010	..	...
Jiwani ...														
Karachi ...	00 00	994 265 242	...	...	350 220 999		043 172 999	331 055 999	786 572 999	523 602 999	966 785	247 978	431 125	673 268
Lahore ...	00 00	Misda		..	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	952 295 285	..	...	340 265 265	...	053 158 158	346 092 578	830 010 999	594 578 999	977 718	264 910	...	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		PPPTTT TdTdTd									PPPTTT TdTdTd	St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	916 168 142	900 188 158	800 142 095	580 000 530	350 722 772	250 892 942	226 948 999	...	...	226 948 999	...	...
Jiwani ...													
Karachi ...	00 00	..	...	...	...	...	...	...	...	...	100 268 999	...	...
Lahore ...	00 00	Misda	...	...	...	...	...	...	...	...	..	...	...
Multan ...													
Peshawar ...	00 00	900 282 282	800 232 232	350 642 999	250 812 999	195 912 999	.	...	...	...	195 912 999	...	...
Quetta ...													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	13 12	12 24	14 23	13 21	14 20	12 20			
Chaklala ...	...	15 09	16 13	24 06	23 04	30 01	34 06	33 17	33 22
Chhor ...	23 43	23 39	24 34	...					
Chittagong ...	20 22	...		...	...	...	...	...	...
Cox's Bazar ...	18 20	17 19	17 21		...	...	...	...	...
Dacca ...	14 17	13 21	13 26	13 31	13 35	13 31	13 27	14 21	14 23
Dalbandin ...	..	...	24 06	24 10	26 15	35 12	02 27	01 31	03 21
D. I. Khan ...	...	...	...						
Drosh ...	...	...	..		22 09	36 10	36 06	36 17	35 23
Fort Sandeman ...	...			23 07	32 11	34 10	35 21	36 35	34 19
Jacobabad ...	17 08	23 03	01 03	01 06	35 17	32 18	01 17	03 21	05 17
Jessore ...	No	Ascent						...	...
Jhelum ...	18 04	21 08	20 11	21 03	30 06	31 07	35 09	...	
Jiwani ...	18 09			...		...	..	...	...
Karachi ...	26 23	26 33	26 19	...	.	...	...	...	...
Khanpur ...	24 10	19 11	19 08	02 04	34 06	31 13	01 23	03 23	03 25
Lahore ...	23 04	23 06	23 05	2, 05	32 06	02 06	...		
Multan ...	19 05	13 03	07 03	01 06	34 07	33 11	01 21	01 21	01 23
Muscat ...	...	...	...	...	...	...	...	..	..
Panjgur ...	...	...	...	..	...	...	..	...	...
Peshawar ...	...	...	...	...				...	...
Quetta ...	...	..	...	...	34 15	34 11	36 09	01 11	...
Sharjah ...				...					
Sylhet ...	10 04	11 10	11 13	11 14	12 16	13 16	13 17	13 14	11 10
Veraval ...	...	...	...	..	...	.	.	..	

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	10 17					..
Chaklala ...		15 18	17 10	18 05	23 12	...
Chhor ...	22 20		...	...		...
Chittagong ...	12 13	12 22	13 25	14 39	14 38	...
Cox's Bazar ...	15 26	15 35	16 35	15 35	15 31	14 29
Dacca ...	13 15	14 21	13 23	11 21	13 29	13 20
Dalbandin ...	...	...	31 03	33 21	35 17	35 15
D. I. Khan ...	...	...	...			
Drosh ...	...	...	...	01 01	02 07	35 03
Fort Sandeman ...		...	...	05 06	06 03	25 05
Jacobabad ...	18 13	19 07	15 07	23 07	27 09	36 07
Jessore ...	09 15	10 20	...			
Jhelum ...	12 06	17 11	18 09	20 08	22 05	25 04
Jiwani ...	21 08	22 06	..	...	...	
Karachi ...	27 23	...	..			...
Khanpur ...	20 27	20 31	23 25	24 18	25 22	
Lahore ...	21 09	21 10	22 06	32 05	03 06	36 17
Multan ...	19 13	23 11	26 07	25 05	15 05	02 04
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...				
Peshawar ...	..	36 08	31 07	25 07	29 04	32 17
Quetta ...	..	...	...	...	26 03	31 08
Sharjah ...						
Sylhet ...	09 04	08 10	19 15	10 12	13 14	11 16
Veraval ...	...	..	...	...		...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	12 11	13 17	11 23	11 27	11 25	10 27	...	...	...	...	...
Chaklala ...	...	...	...	..	..	..	...	...	...	...	...
Chhor ...						...		...	...	...	...
Chittagong ...	14 12	13 15	14 26	15 40	14 42	..	...	...	...	...	...
Cox's Bazar ...	15 13	15 21	15 26	15 30	14 30						
Dacca ...	13 08	11 19	11 21	13 31	13 24	12 19	13 21	14 25	13 17	11 12	11 15
Dalbandin ...	...	...	21 01	35 08	36 21	01 19	35 17	38 25	35 18	08 08	13 06
D. I. Khan ...	.	...	...	...						...	...
Drosh ...	...	...		...	23 03	20 07	24 08	22 05	22 07		...
Fort Sandeman ...			...	05 02	17 02	33 10	34 10	36 11	02 07	36 05	28 08
Jacobabad ...	12 10	11 10	13 11	09 05	01 08	35 16	02 10	02 10	05 13	07 13	...
Jessore ...	11 10	12 27	12 28				...	...	..		.
Jhelum ...	12 03	14 07	14 07	16 07	18 07	25 08	...	...	...	..	...
Jiwani ...	14 02	26 05	29 08	31 06	...	..		...		...	...
Karachi ...	27 15										...
Khanpur ...	18 08	16 06	16 06	07 07	01 02	35 08	03 10	01 27	06 13	05 15	...
Lahore ...	18 01	16 02	12 03	11 05	09 05	04 05	35 07	02 15	01 14	36 12	32 22
Multan ...	19 05	14 08	12 13	13 10	27 02	06 09	35 20	36 15	02 13	03 12	33 04
Muscat ...	...	...	...	...	...	...	...	...		...	...
Panjgur ...	...									...	.
Peshawar ...	...	36 01	24 03	28 05	29 11	30 21	31 15	30 19	31 22	...	...
Quetta ...	...	..	...	...	26 04	31 12	33 15	02 10	06 08	04 08	15 03
Sharjah ...										...	..
Sylhet ...	09 11	10 09	11 19	13 16	13 14	12 18	15 19	16 12	17 07		...
Veraval ...	...	...		...	...	...	...	...			...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	11 14	11 17	13 17	13 21	13 23	13 17	12 27	13 19	xx xx	xx xx	08 17						...	...
Karachi ...	27 27	27 31	27 31	27 28	30 20	34 15	05 23	04 25	05 26	07 35	02 23	08 29	08 25	08 30	08 30	08 46	...	...
Peshawar ...	...	33 19	13 07	28 13	23 07	33 18	30 13	24 12	31 21	31 29	27 24	28 26	...	...	...		...	...
Quetta ...																		

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

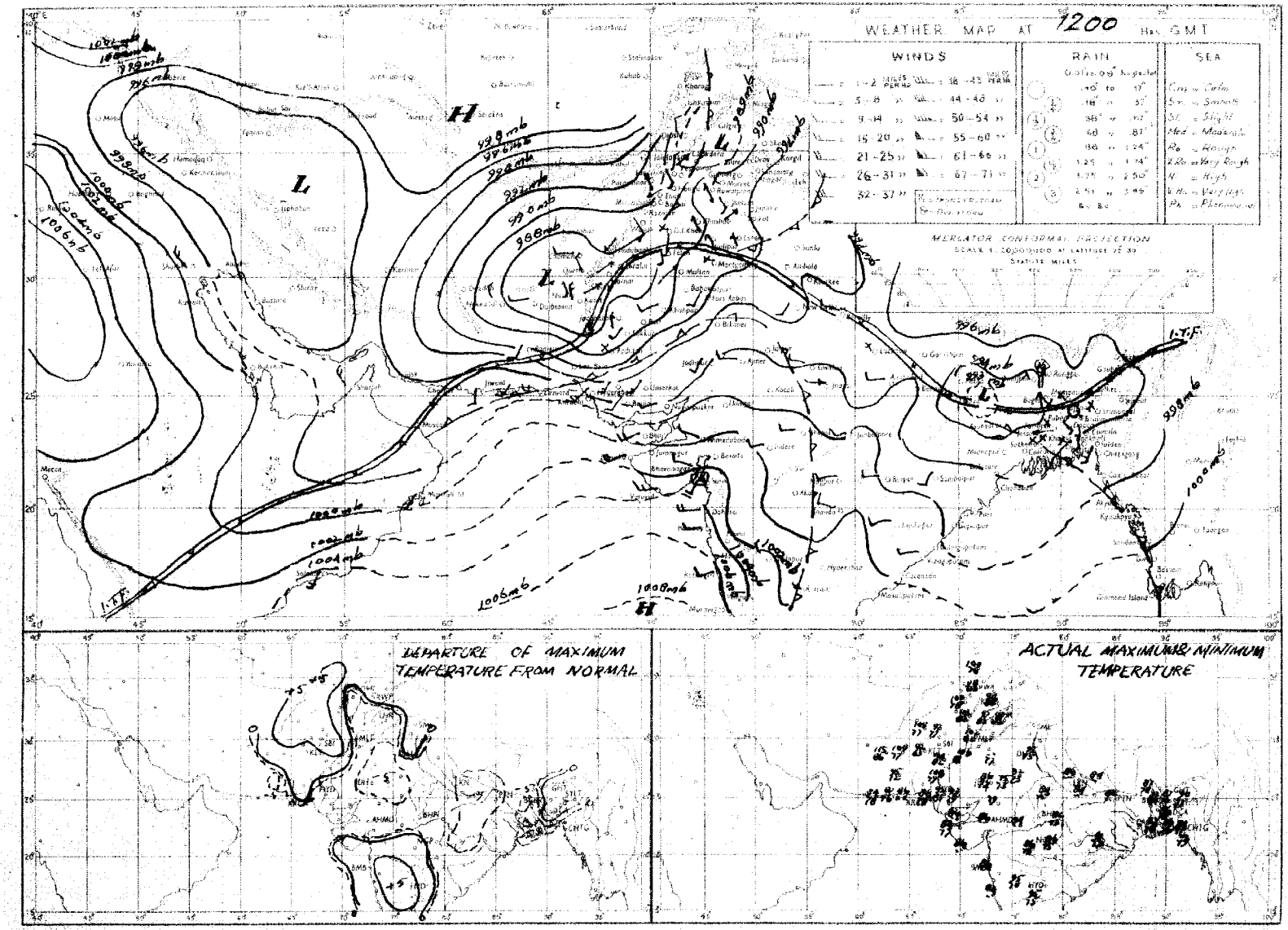
Cloud observation Data (GGiii Cddv,v,etc.)

06 530 02 007

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, 18th AUGUST, 1959



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

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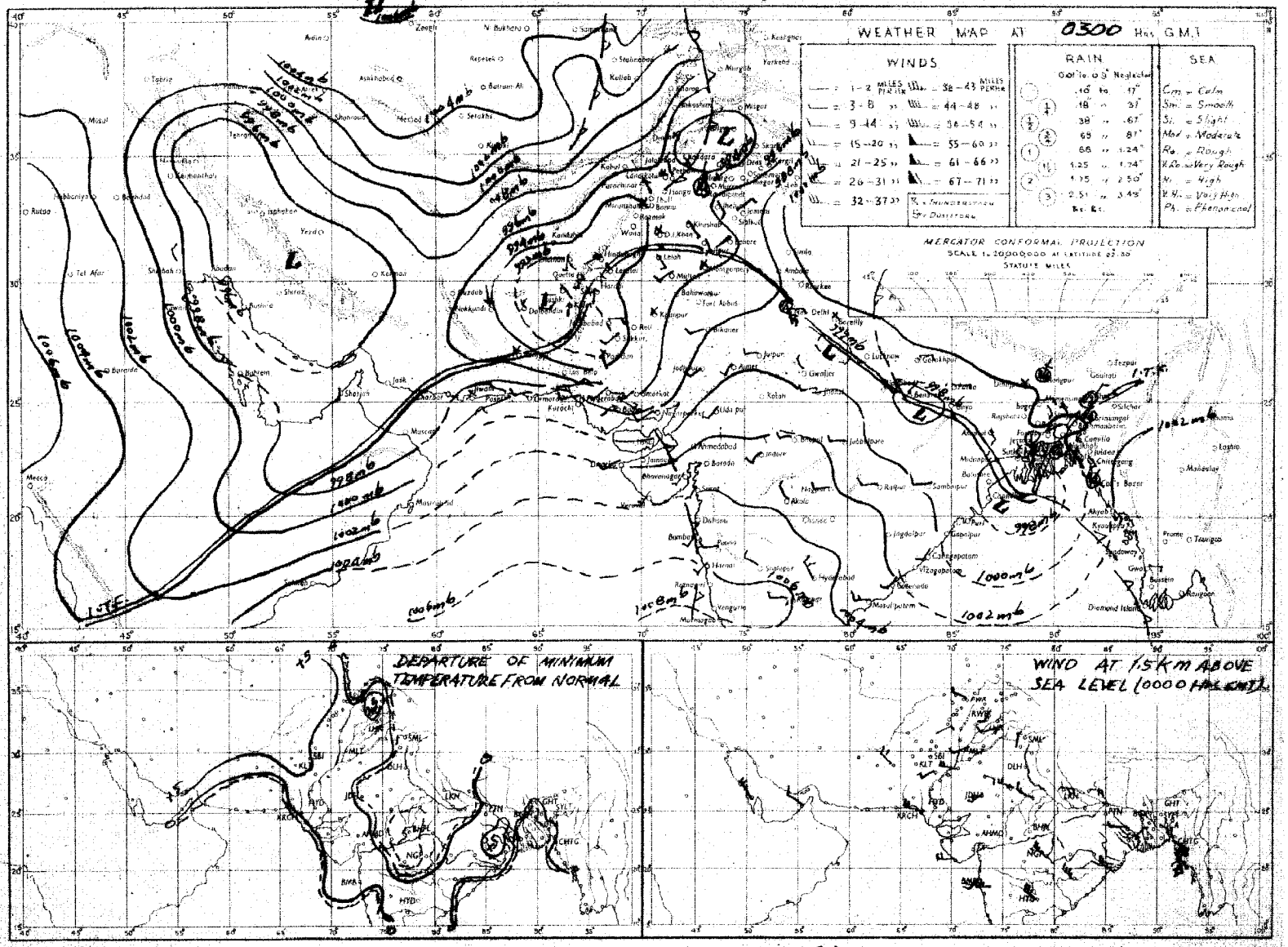
PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 19th AUGUST, 1959.



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

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Volume No. 13

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 20th AUGUST, 1959.

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

Yesterday's unsettled conditions consentrated into a shallow depression last evening centred at 1200 G. M. T. within one degree of latitude 20°N and longitude 89°E. It moved westnorthwestwards and is now centred at 20,0300 G. M. T. within a degree of latitude 20½°N and longitude 87°E. It is likely to continue move in the same direction. It has caused local rain/thundershowers in Chittagong division and scattered in Dacca and Rajshahi divisions.

The low pressure wave over Peshawar division is moving away eastwards across Kashmir.

A fresh low Pressure wave is moving across D. I. Khan division and adjoining areas.

They have caused local thunderstorms/showers in Peshawar and Rawalpindi divisions and scattered in Quetta division. Light rain/drizzle has also occurred in the Federal Capital Area.

A well marked low lies over Utter Pradesh and adjoining Madhya Bharat.

Chief amounts of rainfall are: Srimangal 4" (upto 0000 G. M. T.); Chakdara 3/4"; Murree and Peshawar ½" each and Comilla, Jessore and Fort Sandeman ¼" each.

Day temperatures were 7—10°F above normal in Kalat division outside coast and 3—6°F so in Chittagong, Dacca and Quetta divisions.

Forecast valid until the evening of 21st August, 1959 Local rain/thundershower will occur in East Pakistan, D. I. Khan, Peshawar, Rawalpindi and Lahore divisions and Kashmir and will be scattered in Multan, Bahawalpur, Quetta, Khairpur and Hyderabad divisions and the Federal Capital Area.

Karachi-11
the 20th August, 1959.

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

OBSERVATIONS

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

Divisions	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wr (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	4	18	07	96	02	1	981	82	1	5	7	4	8	78	89
	Chittagong	000	0	7	20	07	97	02	2	976	82	5	4	5	2	0	78	89
	Maijdee Court	000	9	4	13	05	97	03	0	988	84	4	0	9	6	0	76	88
	Comilla	000	0	4	00	00	96	03	0	975	83	4	4	5	0	0	81	90
	Brahmanbaria	000	0	4	00	00	97	03	0	977	88	1	5	5	0	3	xx	91
	Sylhet	000	0	3	00	00	97	01	2	966	87	1	1	6	2	1	81	93
	Srimangal	000	0	4	00	00	96	17	1	974	xx	4	3	4	0	0	79	93
Dacca	Mymensingh	000	0	4	09	02	99	02	1	979	89	2	4	5	0	4	78	90
	Narayanganj	000	9	6	00	00	97	03	1	977	86	1	1	6	0	8	77	90
	Dacca (Tezgaon)	000	9	5	13	03	98	02	2	971	85	1	2	5	0	1	77	89
	Faridpur	000	6	4	11	05	96	01	2	977	85	3	4	7	1	0	78	85
	Barisal	000	0	4	13	03	97	03	1	977	84	4	0	8	3	0	75	86
Rajshahi	Khulna	000	0	6	00	00	97	01	2	972	84	6	5	7	0	0	78	86
	Satkhira	000	0	6	00	00	96	03	1	967	83	6	6	8	0	0	77	87
	Jessore	024	2	4	09	02	96	02	6	973	83	4	4	5	0	0	79	84
	Sirajganj	000	0	8	18	03	97	02	2	964	85	0	0	9	0	4	85	88
	Bogra	000	0	6	13	02	96	03	1	973	87	5	5	4	0	1	79	89
	Dinajpur	000	9	3	00	00	96	01	1	970	88	0	0	9	0	9	79	92
	Rangpur	000	0	3	18	02	96	01	1	xxx	90	3	5	6	0	0	79	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	5	2	05	02	96	05	1	967	89	1	2	6	3	2	78	93
	Sialkot	000	3	4	13	03	99	02	5	975	84	2	1	6	3	0	75	89
Rawalpindi	Jhelum	001	2	7	13	05	96	17	9	979	85	7	3	6	0	0	77	93
	Rawalpindi	000	0	7	02	02	98	03	1	977	85	7	5	6	0	0	74	94
	Khushab	000	0	0	09	05	95	05	4	960	96	0	0	9	0	0	79	98
Multan	Lyallpur	000	0	0	00	00	96	00	0	951	95	0	0	9	0	0	80	96
	Montgomery	000	0	0	00	00	96	00	0	943	97	0	0	9	0	0	76	01
	Multan	000	0	0	23	02	97	02	0	936	98	0	0	9	0	0	80	00
Bahawalpur	Leiah	030	0	0	19	19	95	08	0	926	97	0	0	9	0	0	77	02
	Khanpur	000	0	0	11	02	96	02	0	926	05	0	0	9	0	0	72	06
	Bahawalpur	000	0	0	13	02	97	00	0	940	02	0	0	9	0	0	71	02
	Fort Abbas	000	0	2	20	05	98	02	0	940	01	2	0	8	1	0	73	02
Peshawar	Chakdara	000	0	2	23	02	98	01	1	912	94	2	1	7	0	0	78	94
	Peshawar	039	4	7	05	05	97	01	9	941	90	1	9	6	0	1	76	97
	Haripur	000	5	7	23	04	97	03	2	949	88	7	6	6	0	0	85	92
	Campbellpur	000	0	7	13	05	98	03	0	926	91	7	0	9	7	0	79	92
D. I. Khan	Bannu	000	0	2	11	02	99	03	0	919	00	2	1	6	0	0	68	02
	D. I. Khan	000	6	0	18	02	98	00	0	931	99	0	0	9	0	0	81	00
Quetta	Sibi	000	0	0	18	05	98	00	0	923	06	0	0	9	0	0	69	07
Kalat	Nokkundi	000	9	0	34	02	97	00	1	987	12	0	0	9	0	0	xx	15
	Turbat	000	0	0	23	02	96	00	0	936	06	0	0	9	0	0	72	06
	Jiwani	000	0	4	18	09	96	03	0	953	82	3	5	5	3	0	74	89
	Pasni	000	0	4	20	12	97	02	1	954	85	4	5	7	0	0	76	89
	Ormara	000	0	6	27	05	98	02	1	953	86	6	4	5	0	1	78	04
	Las Bela	000	0	2	00	00	98	20	2	940	99	0	0	9	0	1	79	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	25	16	96	03	2	962	84	8	6	4	x	x	78	86
	Karachi (Air Port)	001	9	8	23	12	96	02	5	962	83	5	5	4	3	x	76	85
	Badin	000	9	8	23	02	95	02	2	008	86	8	9	7	x	x	76	91
	Nagarparker	000	0	8	23	02	96	02	2	937	90	8	6	7	x	x	72	92
	Umarkot	000	0	7	20	12	98	02	0	944	91	7	5	6	0	0	77	94
	Hyderabad	000	0	6	23	12	96	07	0	988	89	3	5	6	0	1	75	92
Khairpur	Pad-i-dan	000	0	0	00	00	97	02	0	914	07	0	0	9	0	0	72	07
	Nawabshah	000	0	2	18	05	96	01	0	926	02	0	0	9	0	5	80	04
	Sukkur	000	0	0	36	03	96	00	0	917	99	0	0	9	0	0	82	02
	Kashmore	000	0	0	05	08	99	00	0	926	01	0	0	9	0	0	72	99
	Jacobabad	000	0	0	09	03	96	02	0	928	01	0	0	9	0	0	79	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	060	8	8	13	03	95	95	9	xxx	62	8	9	2	x	x	60	68
Peshawar	Drosh	000	0	3	23	10	97	03	0	366	96	3	2	7	0	0	55	00
	Cherat	000	0	5	20	07	97	03	2	407	83	5	0	9	1	0	80	85
	Kakul	001	4	8	05	09	96	95	9	418	75	8	9	6	x	x	66	85
	Landi Kotal	000	0	1	13	04	97	03	0	397	90	0	0	9	0	8	68	95
D. I. Khan	Parachinar	000	0	3	13	02	99	02	0	797	86	3	0	9	1	0	62	xx
	Miranshah	000	0	6	23	02	99	03	2	385	96	4	2	8	2	0	88	98
	Wana	000	4	4	11	14	97	02	6	393	87	4	0	9	2	0	64	93
	Fort Sandeman	018	1	7	09	10	98	52	9	392	83	7	3	5	0	0	65	00
Quetta	Hindubagh	000	0	0	25	04	98	00	0	366	97	0	0	9	0	0	68	97
	Loralai	000	0	2	13	02	98	02	1	483	91	0	0	9	0	3	69	93
	Harnai	000	0	0	09	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	13	02	96	00	0	392	96	0	0	9	0	0	58	97
	Chaman	000	0	0	27	05	98	00	0	377	04	0	0	9	0	0	33	06
Kalat	Kalat	000	0	0	31	08	98	02	0	378	91	0	0	9	0	0	60	xx
	Nushki	000	0	0	18	05	98	02	0	456	11	0	0	9	0	0	84	11
	Dalbandin	000	8	5	09	03	96	03	1	381	12	2	8	7	4	0	47	15
	Panjgur	000	0	0	36	02	98	00	0	403	06	0	0	9	0	0	45	07
Afghanistan	Kabul	000	0	0	32	02	96	00	0	470	93	0	0	9	0	0	73	94
	Kandahar																	

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

Divisions	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wr (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Cox's Bazar	000	0	6	13	03	97	02	2	026	82	1	1	7	0	8	76	77
	Chittagong	000	9	8	00	00	97	02	9	022	82	5	3	5	2	x	79	78
	Maijdee Court	000	9	4	18	02	98	02	1	022	85	0	0	9	0	7	75	80
	Comilla	020	0	5	00	00	97	03	6	024	86	5	4	5	0	0	77	79
	Brahmanbaria	016	0	3	00	00	97	01	6	026	85	1	8	8	5	0	76	78
	Sylhet	000	9	4	00	00	97	02	9	025	85	4	4	6	0	3	73	77
	Srimangal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dacca	Mymensingh	015	9	6	00	00	98	02	6	026	81	6	4	5	0	0	77	79
	Narayanganj	001	9	6	13	07	97	03	1	020	88	2	7	6	3	8	76	81
	Dacca (Tezgaon)	004	9	7	13	05	98	02	6	015	85	4	8	5	4	0	78	78
	Faridpur	000	9	6	16	02	97	03	0	993	85	6	5	7	0	0	78	79
	Barisal	000	0	6	00	00	97	03	1	007	84	6	7	5	0	0	78	80
Rajshahi	Khulna																	
	Satkhira	000	0	6	00	00	95	03	1	010	84	6	6	8	0	0	78	80
	Jessore	024	0	6	13	03	97	01	1	010	84	6	8	6	0	0	78	79
	Sirajganj	000	0	8	00	00	97	02	2	008	85	8	0	9	5	x	84	78
	Bogra	000	0	6	13	02	96	03	2	015	85	4	5	6	3	0	77	81
	Dinajpur	000	0	4	00	00	96	02	0	009	87	4	0	9	2	0	77	80
	Rangpur	000	0	5	13	02	96	03	1	xxx	86	2	5	6	2	0	77	79
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	9	1	13	02	96	01	1	009	85	1	0	9	3	0	77	80
	Sialkot	000	0	0	00	00	98	00	0	992	88	0	0	9	0	0	77	79
Rawalpindi	Jhelum	001	9	1	00	00	98	02	9	009	85	0	0	9	0	1	76	78
	Rawalpindi	000	0	4	00	00	99	03	0	009	83	4	0	9	6	0	75	78
	Khushab	000	0	4	07	03	96	05	3	006	83	4	3	6	0	0	77	80
Multan	Lyallpur	000	0	0	13	02	96	00	0	007	85	0	0	9	0	0	72	82
	Montgomery	000	0	0	00	00	96	00	0	999	86	0	0	9	0	0	72	82
	Multan	000	0	0	00	00	97	02	0	989	90	0	0	9	0	0	77	84
Bahawalpur	Leiah	000	0	1	00	00	96	04	0	977	86	0	0	9	0	1	81	84
	Khanpur	000	0	0	27	03	96	04	0	985	87	0	0	9	0	0	77	83
	Bahawalpur	000	0	0	00	00	97	00	0	992	89	0	0	9	0	0	75	84
	Fort Abbas	000	0	0	20	03	98	00	0	989	88	0	0	9	0	0	77	84
Peshawar	Chakdara	080	0	8	00	10	97	03	6	000	77	8	0	8	6	x	73	73
	Peshawar	039	9	8	36	05	96	21	9	022	80	5	5	6	2	x	77	79
	Haripur	000	6	8	25	02	96	03	5	996	82	8	0	9	6	x	76	76
	Campbellpur	000	0	8	13	02	97	29	9	xxx	81	8	5	7	x	x	75	79
D. I. Khan	Bannu	000	0	3	16	01	99	03	0	990	85	3	0	9	9	0	77	84
	D. I. Khan	000	0	0	05	02	98	00	0	998	88	0	0	9	0	0	81	83
Quetta	Sibi	000	0	2	18	02	98	03	0	992	91	0	0	9	0	1	76	88
Kalat	Nokkundi	000	0	0	02	02	99	02	0	934	96	0	0	9	0	0	36	92
	Turbat	000	0	6	18	03	96	03	0	037	80	6	0	9	6	0	79	xx
	Jiwani	000	0	5	05	05	97	01	2	986	81	3	5	5	4	0	74	79
	Pasni	000	0	8	11	03	97	02	2	998	80	8	5	7	x	x	77	78
	Ormara	000	0	8	00	00	98	03	2	994	80	8	4	4	x	x	79	78
	Las Bela	000	0	0	00	00	98	00	0	004	85	0	0	9	0	0	79	81
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	8	25	12	94	10	2	989	83	8	6	4	x	x	79	79
	Karachi (Air Port)	008	5	5	27	05	96	01	6	966	81	2	5	5	3	0	78	79
	Badin	000	9	8	23	02	95	02	2	003	81	8	9	7	x	x	77	80
	Nagarparker	000	0	8	23	02	96	02	2	957	84	8	6	7	x	x	64	79
	Umarkot	000	0	8	18	03	98	02	2	981	81	8	0	9	2	x	77	78
	Hyderabad	000	0	4	23	07	97	02	1	003	83	4	6	5	0	0	75	81
Khairpur	Pad-i-dan	003	0	2	00	00	96	03	0	983	82	0	0	9	0	4	76	80
	Nawabshah	000	0	5	11	03	96	03	0	987	83	0	0	9	0	2	79	79
	Sukkur	000	9	3	00	00	96	03	1	987	64	0	0	9	0	8	75	80
	Kashmore	000	0	0	23	02	99	00	0	988	87	0	0	9	0	0	74	82
	Jacobabad	000	0	0	13	03	96	02	0	992	86	0	0	9	0	0	79	84
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	064	9	5	11	02	96	02	9	460	65	5	5	2	0	0	62	59
Peshawar	Drosh	000	1	3	00	00	96	05	4	439	81	2	2	7	4	0	61	77
	Cherat	000	0	8	18	04	91	4	4	451	70	8	5	6	x	x	70	69
	Kakul	001	9	2	05	02	97	01	9	454	75	1	1	7	6	0	65	69
	Landi Kotal	000	0	7	05	03	97	03	1	427	75	7	6	5	0	0	71	xx
D. I. Khan	Parachinar	000	0	5	11	02	99	02	0	796	72	5	0	9	1	0	xx	xx
	Miranshah	000	0	4	00	00	99	02	1	443	84	4	0	9	4	0	74	79
	Wana	000	0	7	09	02	97	26	2	444	80	7	0	9	6	0	65	72
	Fort Sandeman	018	0	4	00	00	97	01	9	443	83	4	1	6	0	0	68	77
Quetta	Hindubagh	000	0	0	13	02	98	00	0	395	76	0	0	9	0	0	63	76
	Loralai	000	0	0	09	02	98	00	0	436	77	0	0	9	0	0	69	67
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	18	02	95	00	0	308	77	0	0	9	0	0	64	70
	Chaman	000	0	0	09	05	98	02	0	406	86	0	0	9	0	0	60	79
Kalat	Kalat	000	0	0	00	00	98	02	0	394	77	0	0	9	0	0	59	63
	Nushki	000	0	0	18	05	98	02	0	441	91	0	0	9	0	0	76	85
	Dalbandin	000	9	1	05	03	96	01	1	406	91	0	0	9	0	1	42	79
	Panjgur	000	0	0	00	00	98	00	0	417	76	0	0	9	0	0	64	73
Afghanistan	Kabul	000	0	0	13	08	99	00	0	481	72	0	0	9	0	0	59	65
	Kandahar																	

Departure from Normal of / Rainfall

Divisions	Stations (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	+ 4	+ 1	77.1	+11.4	113.0	140
	Chittagong	+ 3	+ 2	77.6	+19.0	110.6	108
	Maijdee Court	+ 3	+ 2	75.1	+14.5	106.9	115
	Comilla	+ 3	+ 3	44.0	— 2.2	70.0	94
	Brahmanbaria	—	—	34.3	—	60.3	76
	Sylhet	—	—	106.9	—	144.9	—
	Srimangal	+ 3					98
Dacca	Mymensingh	+ 3	+ 1	61.1	+17.9	83.3	91
	Narayanganj	+ 3	+ 2	39.8	+ 5.9	60.1	74
	Dacca (Tezgaon)	—	—	40.3		56.3	—
	Faridpur	— 2	+ 1	38.2	+ 4.6	66.7	71
	Barisal	— 1	+ 2	60.8	— 19.6	75.7	81
Rajshahi	Khulna	—					68
	Satkhira	— 1	+ 2	33.7	+ 0.5	51.8	65
	Jessore	—	—	34.2	+ 2.1	70.0	65
	Sirajganj	+ 1	— 1	44.1	+13.0	69.0	64
	Bogra	— 1	+ 3	44.0	+10.2	63.0	69
	Dinajpur	+ 3	+ 2	27.9	— 8.9	45.3	72
	Rangpur	+ 2	+ 1	40.7	— 1.5	60.6	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd)	— 4	+ 2	19.6	+ 9.1	23.5	19
	Sialkot	— 5	+ 1	35.0	+17.9	41.1	32
Rawalpindi	Jhelum	—	—	26.3	—	36.5	—
	Rawalpindi	0	+ 3	21.8	+ 4.5	34.4	36
	Khushab	— 2	— 1	12.7	+ 5.0	18.2	35
Multan	Lyallpur	— 2	+ 2	7.6	+ 1.0	10.4	12
	Montgomery	0	0	2.7	— 3.1	3.0	10
	Multan	+ 2	+ 1	4.1	+ 0.1	4.2	7
Bahawalpur	Leiah	—	—	3.5	—	5.9	8
	Khanpur	+ 3	+ 2	0.3	— 3.9	1.2	6
	Bahawalpur	+ 2	— 3	—	—	—	4
	Fort Abbas	—	—	3.3	—	3.7	4
Peshawar	Chakdara	—	—	5.2	—	20.8	—
	Peshawar	— 1	0	4.5	+ 1.3	17.5	14
	Haripur	—	—	11.3	—	32.1	
	Campbellpur	—		15.6	—	29.5	—
D. I. Khan	Bannu	—		10.0	—	14.9	14
	D. I. Khan	0	+ 2	9.8	+ 5.5	13.5	10
Quetta	Sibi	—	—	2.3	—	2.6	5
Kalat	Nokkundi	—	—	0	—	1.1	2
	Turbat	—	—	1.2	—	5.6	—
	Jiwani	—	—	0.1	—	5.7	4
	Pasni	0	+ 2	0	— 0.9	2.5	6
	Ormara	—	—	0.1	— 0.7	2.8	86
	Las Bela	—		4.5	—	4.7	
Karachi Federal Area & Hyderabad	Karachi (Manora)	+ 1	+ 1	6.5	+ 1.2	6.5	8
	Karachi (Air Port)	—	—	9.6	—	9.9	—
	Badin	— 1	+ 1	4.6	— 1.1	4.6	9
	Nagarparker	—	—	7.7	—	7.7	—
	Umarkot	—	—	10.4	—	11.2	—
	Hyderabad	— 3	+ 2	6.4	+ 4.4	2.9	7
Khairpur	Pad-i-dan	—	—	4.7	—	8.9	—
	Nawabshah	—	—	3.0	—	3.7	—
	Sukkur	—	—	1.1	—	3.1	4
	Kashmore	—	—	0		0.1	—
	Jacobabad	— 2	+ 2	3.7	+ 1.6	4.4	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						—
Arabia	Muscat						4
	Kuwait						—
	HILL STATIONS						
Kashmir	Srinagar						26
	Gulmarg						—
	Sonamarg						71
	Dras						26
	Leh						3
	Skardu						6
	Misgar						—
	Aliabad						
	Gilgit						5
Rawalpindi	Murree	— 2	+ 2	31.5	+ 4.8	36.8	59
Peshawar	Drosh	+ 5	+ 5	1.3	—	30.4	18
	Cherat	+ 1	— 1	5.9	— 2.5	16.0	29
	Kakul	—	—	35.0	—	44.7	—
	Landi Kotal	—	—	2.5	—	17.5	—
D. I. Khan	Parachinar	—	—	10.2	—	24.2	29
	Miranshah	—	—	2.7	—	5.7	14
	Wana	—	—	4.3	—	13.3	11
	Fort Sandeman	+ 3	+ 4	5.1	+ 0.9	13.8	—
Quetta	Hindubagh	—	—	2.4	—	10.5	—
	Loralai	—	—	6.0	—	11.8	14
	Harnai	—	—	4.5	— 1.2	8.7	8
	Quetta	—	—	2.8	+ 1.9	8.4	7
	Chaman	+ 8	+ 7	0.1	0	6.3	9
Kalat	Kalat	—	+ 6	3.1	+ 2.0	8.0	—
	Nushki	—	—	0.4	—	2.2	5
	Dalbandin	+ 10	+ 8	0	— 0.3	2.1	4
	Panjgur	+ 7	0	1.2	—	2.9	12
Afghanistan	Kabul	—	—	—	—	—	—
	Kandahar						

† Given in Code.

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

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

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the [illegible] day

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 20th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C h h	0 $T_sT_sT_dT_d$	$I_dI_dP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Arimamaru	43 097	626 00	1 22 20	98 02 0	[illegible]	[illegible]	28 [illegible] 2	—	0 [illegible]	—
Jambomaru	43 218	616 00	7 22 27	97 02 2	[illegible] 75	[illegible] 5 10	35 40 0	—	0 03 73	—
[illegible]	43 230	[illegible]	[illegible]	[illegible] 02 4	[illegible] 85	73 4 2x	73 [illegible] 4	—	4 [illegible] 74	1 22 34
Valleria	43 204	592 04	1 22 16	97 10 4	014 79	[illegible] 9 01	15 40 8	—	0 07 49	1 23 35
Jambomaru	42 [illegible]	[illegible]	7 23 [illegible]	97 02 2	[illegible]	[illegible] 4 10	35 [illegible] 0	—	[illegible] 75	—
Ferslatan	43 222	[illegible] 06	8 18 18	96 02 1	997 72	[illegible] 7 07	45 21 [illegible]	—	0 [illegible]	1 18 23
[illegible]	43 236	677 06	8 20 24	97 29 8	990 82	73 4 2x	73 07 4	—	0 [illegible] 75	1 22 36
Jambomaru	[illegible]	[illegible] 62	7 23 22	97 02 2	997 82	64 4 00	35 40 0	—	4 00 76	—
British Reliance	43 220	597 12	0 20 18	96 05 1	962 78	00 9 00	—	—	—	—
Valiecia	43 215	597 12	6 20 22	97 05 2	975 78	60 9 10	85 00 0	—	0 05 71	1 [illegible]
Ferslatan	43 210	594 12	5 [illegible] 18	96 01 2	[illegible] 73	00 9 08	55 72 0	—	0 01 74	1 [illegible]
[illegible]	43 232	594 18	0 16 09	97 02 0	954 85	00 9 00	—	—	—	—

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTT_dTT_d	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	999 292 238	002 xxx xxx	..	400 178 138	—	070 102 055	337 035 538	794 558 695	511 652 692	963 780	—	421 160	662 230
[illegible]														
[illegible]														
Karachi	02 00	996 262 248	—	—	375 225 999		066 165 999	360 090 999	831 565 999	551 640 999	969 760	—	..	—
Lahore	00 00	976 272 255	002 xxx xxx	..	431 208 208	—	084 135 999	365 072 999	838 512 999	595 575 999	—	—	—	—
Multan														
Peshawar	00 00	958 275 265	..	...	400 222 222	—	072 120 120	353 060 999	826 518 999	574 602 999	973 730	—	...	—
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	900 218 162	800 165 112	540 002 552	350 712 740	250 895 938	—	..	—	—	250 895 938	—	—
[illegible]													
[illegible]													
Karachi	02 00					—	—	—	—	—	300 760 999	—	—
Lahore	00 00	940 240 220	8g0 180 999	573 000 999	378 590 999	—	...	—	—	—	378 590 999	—	—
Multan													
Peshawar	00 00	900 242 242	800 182 182	350 672 999	—	..	..	...	—	—	350 672 999		..
Quetta													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	14 07	14 09	14 11	.	...	...	...	...	...
Chaklala	...	...	...	..	.	—	...	..	...
Chhor	22 12	22 17	23 17	—	...	—	..	...	...
Chittagong	19 14	18 17	..	...	...	...	...	...	...
Cox's Bazar	No	Ascent							
Dacca	15 07	16 08	15 24	14 23	15 29	14 25	13 23	12 18	11 15
Dalbandin	..	—	11 05	10 04	07 03	06 05	35 11	02 04	36 04
D. I. Khan	—	—	—						
Drosh	...	—	...		24 16	22 25	24 14	20 34	13 07
Fort Sandeman	...	...	...	05 26	10 09	25 12			
Jacobabad	12 09	14 10	13 10	11 08	08 08	36 05	34 21	03 19	05 12
Jessore	13 14	14 23	14 26	14 31	...	...	..	...	—
Jhelum	11 09	12 19	12 19	15 15			...	...	
Jiwani	20 09	25 09	29 19	35 04	01 07	02 08	..	...	...
Karachi	26 15	27 17	...	...				...	...
Khanpur	14 04	09 03	10 05	08 07	03 08	01 11	03 17	03 17	05 15
Lahore	08 06	08 08	08 06	03 05	02 05	36 06	05 05	05 05	01 06
Multan	24 06	14 07	13 08	06 07	04 04	34 08	04 13	03 13	03 10
Muscat	—	—	...	—	...	—	...	..	—
Panjgur	—	—		...	...	...	..	..	...
Peshawar	—	02 06	17 06	18 17	19 18	24 12	29 12	31 13	...
Quetta	—	...	...	...	29 11	28 10	31 16	30 10	...
Sharjah	...		...	...	...			...	...
Sylhet	03 05	06 06	08 07	11 09	09 05	10 09	13 19	..	...
Veraval	...	...	...	...	...	..	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	14 13	14 15	11 11	10 16	09 18	08 18
Chaklala	...	...	—	...	...	—
Chhor	22 16	24 18	...	—	—	...
Chittagong	12 11	12 12	13 15	13 08	—	—
Cox's Bazar	14 15	14 19	13 20	13 16	13 15	14 19
Dacca	15 12	15 19	14 15	xx xx	12 13	09 12
Dalbandin	...	—	05 07	05 03	04 01	32 19
D. I. Khan	—	...	...			
Drosh	—	...	—	23 01	19 01	21 04
Fort Sandeman		...		03 06	21 04	14 03
Jacobabad	17 13	16 11	11 08	03 05	07 07	02 04
Jessore	12 18	13 22	14 22			
Jhelum	12 05	12 13	12 16	13 12	10 05	36 11
Jiwani	16 06	26 09	..		—	
Karachi	28 12	28 15	26 09			
Khanpur	23 19	23 18	23 11	15 07	05 16	15 09
Lahore	14 07	15 07	16 05	36 02	17 01	11 11
Multan	23 08	23 03	04 09	07 07	04 09	04 12
Muscat	—	—		—	...	...
Panjgur	—					...
Peshawar	..	13 06	20 03	19 07	23 06	
Quetta	..	—	...	..	11 03	22 06
Sharjah	...					
Sylhet	28 09	36 03	05 03	15 06	17 05	16 07
Veraval	...	...		..		—

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	16 07	14 12	11 10	...	...	—	...	...	—	—	—
Chaklala	—	...	—	..	..	..	..	...	...	—	—
Chhor		...	...	...				—	..	—	—
Chittagong	21 02	18 03	12 06	12 10	13 15	13 30	—	—	—	—	—
Cox's Bazar	16 11	14 12	15 21	14 29	—	—	—	—	—	—	...
Dacca	16 06	11 06	09 08	12 18							
Dalbandin	—	...	19 05	18 08	25 05	32 15	34 27	34 18	03 08	10 09	10 07
D. I. Khan	—	—	—	—					...	...	—
Drosh	—	...			23 09	22 05	19 11	20 05	..	...	...
Fort Sandeman				26 01	17 01	10 03	xx xx	06 03	31 08	23 07	24 08
Jacobabad	16 01	11 04	08 07	08 07	08 07	01 13	05 14	08 15	05 12	09 11	...
Jessore	12 12	12 15	12 24								
Jhelum	10 04	10 05	10 06	16 05	15 03	08 04	04 08	...	...	.	..
Jiwani	11 15	11 08	18 06	29 06	...			...	..	...	...
Karachi	27 15	28 07	03 07			..		...	..	...	...
Khanpur	27 06	08 06	08 10	07 15	02 14	05 19	02 25	05 13	09 18	08 20	...
Lahore	10 04	12 09	13 10	11 17	11 12	09 11	02 05	03 06	01 09	08 03	17 01
Multan	02 02	07 05	07 10	07 09	06 11	04 13	05 12	05 09	06 06	06 06	08 02
Muscat	—		...	—	—	...	...	...	..	...	...
Panjgur	—			—	—	...	...		..	—	...
Peshawar	—	03 09	02 07	—						—	...
Quetta	—	..	—	—	18 07	24 05	24 03	17 01	16 03	—	...
Sharjah	—	...		—	...	...		...	...	...	...
Sylhet	—	.		.	—	—	...				...
Veraval	—	...		—	...	—	...	...	...		..

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	14 15	14 16	13 15	10 13	12 16	09 13	13 12	13 12	11 12	09 12	10 28	07 15	07 21	08 21	08 44	08 01	06 20	..
Karachi	28 15	28 13	03 10	03 10	04 12	03 18	02 24	03 32	05 33	07 35	06 34	06 36	—	..	.		...	...
Peshawar	—	29 18	34 04	31 07	05 10	17 27	31 17	31 29	33 14	31 21	26 20	...	...	...			.	...
Quetta																		

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

Cloud observation Data (GGIII Cddv,v,etc.)

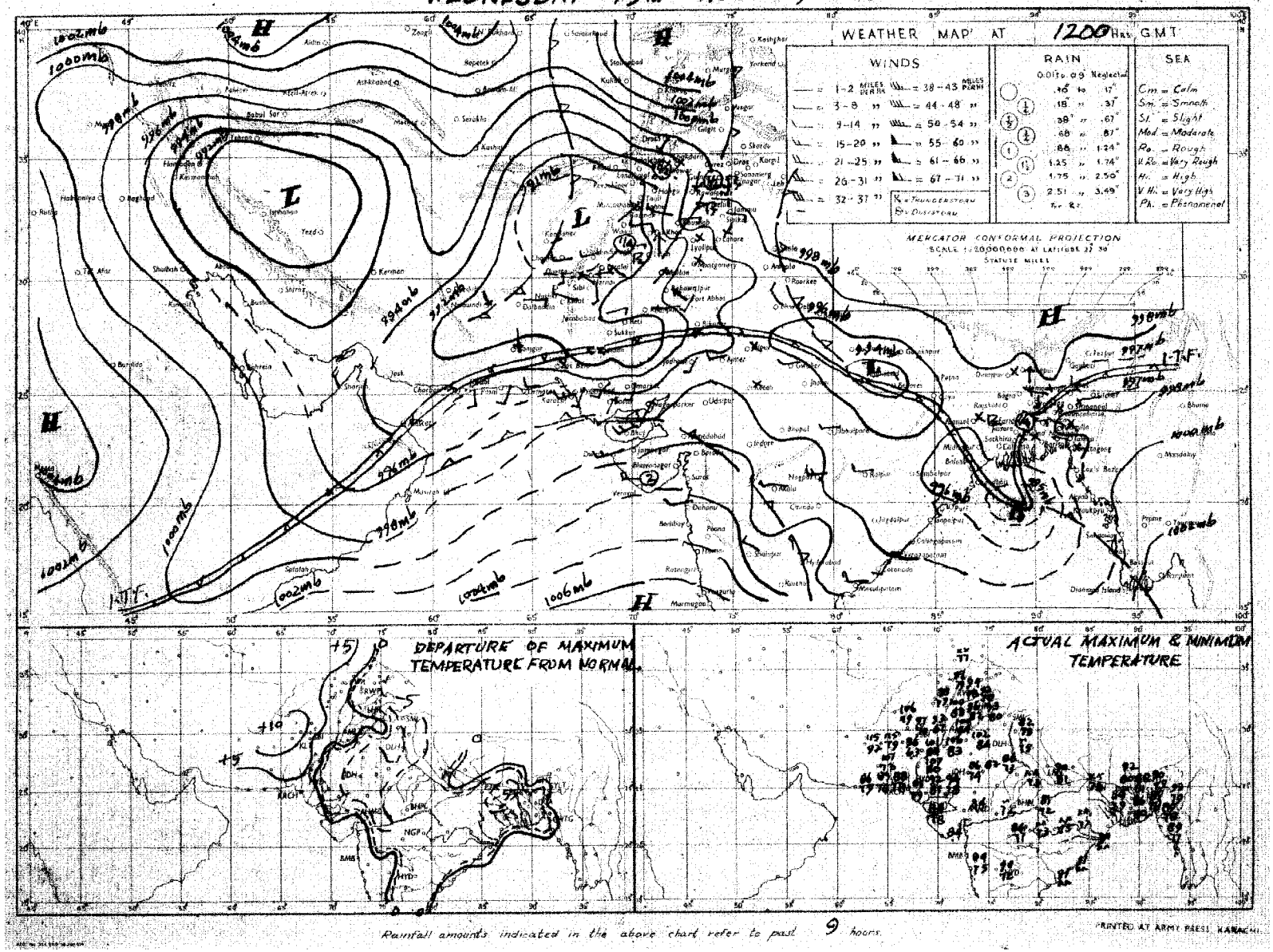
12 530 32 804
11 712 30 107

06 530 63 106

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 19th AUGUST, 1959



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

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PAKISTAN DAILY WEATHER MAP

THURSDAY 20th AUGUST, 1959.

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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

FRIDAY THE 21st AUGUST, 1959.

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

Yesterday's shallow depression over head Bay of Bengal crossed coast during night, weakened and now lies as a low over east Madhya Pradesh.
The unsettled conditions in east central and adjoining south Bay of Bengal have shifted to west central Bay of Bengal.
They have caused local thunderstorms/showers in Chittagong division and isolated light rain in Rajshahi division.
The low over Utter Pradesh and adjoining Madhya Bharat has weakened and remained practically stationery.
The low pressure wave over D. I. Khan division now lies over Rawalpindi division.
Under their influence scattered thunderstorms/showers have occurred in Multan, Bahawalpur, D. I. Khan, Quetta and Hyderabad divisions and light rain in Peshawar and Rawalpindi divisions.
Chief amounts of rainfall are: Srimangal 1" and Mithi ¼".
Day temperatures were 5—7°F above normal in Kalat division outside coast and 3—5°F below normal in Peshawar division.
Forecast valid until the evening of 22nd August, 1959 Local rain/thundershowers will occur in Dacca, Chittagong, Peshawar, Rawalpindi and Hyderabad divisions and in Kashmir and scattered elsewhere over the country outside Kalat division.

Karachi-11
The 21st August, 1959.

OBSERVATIONS

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

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

DIVISIONS 1	STATIONS 2	Rainfall in Cents RRR 3	Past weather commenced at † Wt 4	Total cloud amount N 5	Wind direction in tens of degrees dd 6	Wind speed in knots ff 7	Horizontal visibility † VV 8	Present weather † ww 9	Past weather † W 10	Sea level pressure (mbs. and tenths)* PPP 11	Dry Bulb temperature °F TT 12	Amount of Lowest Cloud Nh 13	Low Cloud form † CL 14	Height of Lowest Cloud † h 15	Medium Cloud form † CM 16	High Cloud form † CH 17	Dewpoint temperature °F TdTd 18	Maximum temperature °F TxTx 19
Chittagong	Cox's Bazar	000	0	4	16	07	96	02	1	994	82	1	1	7	0	4	78	87
	Chittagong	000	0	7	27	09	97	02	2	993	83	5	1	5	2	0	77	87
	Maijdee Court	000	9	3	20	05	98	02	1	994	84	1	0	9	1	2	76	87
	Comilla	000	0	5	00	00	96	03	0	992	85	5	4	5	0	0	77	91
	Brahmanbaria	010	0	6	00	00	97	01	1	991	86	2	0	9	2	4	79	90
	Sylhet	000	0	7	00	01	97	03	2	966	85	3	4	6	1	1	79	90
	Srimangal			...	...	...	...		...	...		...	...	...	...	...		...
Dacca	Mymensingh	000	0	6	00	03	98	02	1	993	89	2	2	5	0	6	79	92
	Narayanganj	000	9	6	20	02	96	03	1	983	85	3	4	5	2	8	77	89
	Dacca (Tezgaon)	000	9	7	18	03	98	02	2	986	85	5	8	5	4	1	79	88
	Faridpur	000	8	6	16	05	96	01	2	977	86	5	4	7	1	0	81	88
	Barisal	000	0	8	18	02	97	03	0	999	85	8	0	9	4	x	75	87
Rajshahi	Khulna	000	0	3	13	02	97	01	1	992	85	3	5	7	0	0	77	88
	Satkhira	000	0	6	00	00	96	03	1	988	83	6	6	8	0	0	78	89
	Jessore	000	0	2	18	03	97	02	0	990	86	2	4	6	0	0	77	89
	Sirajganj	010	0	8	00	00	97	02	2	979	85	8	0	9	5	x	85	89
	Bogra	000	0	7	01	00	96	02	2	988	88	2	5	6	2	0	78	89
	Dinajpur	090	9	5	00	00	96	02	1	985	89	5	0	9	2	0	79	91
	Rangpur	000	0	7	13	02	96	03	1	xxx	90	7	5	6	0	0	79	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	003	8	2	00	00	96	02	0	980	95	2	1	7	0	0	77	96
	Sialkot	000	0	1	13	02	97	02	0	986	94	1	1	6	0	0	79	96
Rawalpindi	Jhelum	000	0	2	23	02	97	01	0	979	95	2	2	7	0	0	77	96
	Rawalpindi	000	0	1	09	02	99	01	0	976	94	1	0	9	5	0	74	96
	Khushab	000	0	0	09	02	96	05	6	997	94	0	0	9	0	0	77	95
Multan	Lyallpur	000	0	2	00	00	96	02	0	980	96	2	0	9	3	0	76	96
	Montgomery	000	0	0	00	00	96	00	0	971	98	0	0	9	0	0	75	99
	Multan	000	0	4	18	02	97	03	0	969	00	2	4	6	0	1	78	05
Bahawalpur	Leiah	000	0	2	18	03	96	05	1	962	96	2	4	8	0	0	79	04
	Khanpur	xxx	x	7	07	02	94	07	0	973	86	7	3	8	0	0	80	09
	Bahawalpur	000	0	4	09	07	97	02	0	969	00	4	0	8	2	0	72	00
	Fort Abbas																	
Peshawar	Chakdara	000	0	1	23	03	98	01	1	950	92	1	1	7	0	0	77	93
	Peshawar	000	9	3	05	05	97	02	0	979	92	2	9	6	0	3	79	94
	Haripur	000	3	3	23	03	97	01	2	961	86	3	6	6	0	0	76	92
	Campbellpur	000	0	2	18	03	98	02	0	992	96	2	0	9	8	0	94	96
D. I. Khan	Bannu	000	0	2	11	01	99	17	0	966	95	2	9	7	0	0	74	00
	D. I. Khan	000	6	0	00	00	98	00	0	967	01	0	0	9	0	0	81	02
Quetta	Sibi	000	0	5	23	07	98	03	1	955	06	2	1	5	0	1	71	07
Kalat	Nokkundi	000	0	0	31	02	98	02	0	803	12	0	0	9	0	0	xx	14
	Turbat	000	0	0	18	02	96	00	0	960	04	0	0	9	0	0	87	07
	Jiwani	000	0	6	13	14	99	03	1	979	83	4	5	5	4	0	73	87
	Pasni	000	0	6	18	09	97	02	1	972	88	0	0	9	0	8	79	88
	Ormara	000	0	4	27	09	98	01	1	968	89	4	2	7	0	0	76	92
	Las Bela	000	0	3	00	00	98	20	3	962	02	2	0	8	8	6	83	04
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	25	12	97	02	1	976	85	2	0	9	4	3	78	87
	Karachi (Air Port)	000	0	4	23	09	96	01	2	975	88	2	5	5	3	0	78	90
	Badin	000	0	0	23	02	97	00	0	980	90	0	0	9	0	0	84	91
	Nagarparker	000	0	8	23	02	96	02	2	979	90	8	7	7	x	x	71	92
	Umarkot	000	0	7	13	03	98	02	1	969	92	7	0	9	1	0	71	94
	Hyderabad	000	0	6	23	09	97	02	1	987	89	2	5	6	2	0	75	93
Khairpur	Pad-i-dan	000	0	3	18	02	97	03	0	964	01	2	2	6	0	1	69	03
	Nawabshah	000	0	4	18	03	96	01	2	976	97	1	1	6	0	2	81	98
	Sukkur	000	8	6	00	00	96	03	1	957	98	0	0	9	0	8	75	00
	Kashmore	000	0	0	05	06	99	00	0	967	01	0	0	9	0	0	72	09
	Jacobabad	000	0	2	18	05	96	02	0	967	00	0	0	9	0	8	79	02
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	004	4	8	00	00	96	03	6	445	71	8	5	2	x	x	67	72
Peshawar	Drosh	000	9	1	23	10	96	05	4	404	94	1	2	7	0	0	57	98
	Cherat	007	7	3	18	01	98	03	6	443	82	3	0	9	1	0	80	83
	Kakul	000	8	4	16	07	97	01	1	433	81	4	4	6	0	0	71	87
	Landi Kotal	000	0	4	05	03	97	03	0	424	86	3	5	7	0	3	72	90
D.I. Khan	Parachinar	000	3	6	11	02	99	21	2	796	80	2	1	7	2	1	63	xx
	Miranshah	000	0	6	05	05	99	03	1	413	93	4	2	7	2	0	85	95
	Wana	000	0	4	18	07	97	10	1	436	87	3	2	8	2	0	63	91
	Fort Sandeman	004	2	7	13	05	98	95	9	438	80	5	3	5	2	0	65	93
Quetta	Hindubagh	...	...	...	...			...	...			...	...	...	...	...		
	Loralai	000	0	4	23	02	98	02	1	450	88	4	0	9	2	0	64	90
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	23	05	96	00	0	384	99	0	0	9	0	0	65	93
	Chaman	000	0	0	27	02	98	00	0	409	00	0	0	9	0	0	35	03
Kalat	Kalat	000	0	2	13	10	97	01	1	406	35	2	1	7	0	0	65	94
	Nushki	000	0	0	31	02	98	02	0	444	09	0	0	9	0	0	81	11
	Dalbandin	000	3	2	27	03	96	03	0	395	11	1	0	9	3	1	42	12
	Panjgur	000	0	3	18	05	98	03	0	436	32	3	0	9	6	0	61	03
Afghanistan	Kabul	000	0	2	90	02	99	03	0	446	90	2	1	9	0	0	66	93
	Kandahar																	

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

STATIONS 2	Rainfall in Cents RRR 20	Past weather commenced at † Wt 21	Total cloud amount N 22	Wind direction in tens of degrees dd 23	Wind speed in knots ff 24	Horizontal visibility † VV 25	Present weather † ww 26	Past Weather † W 27	Sea level Pressure (mbs. and tenths)* PPP 28	Dry Bulb temperature TT 29	Amount of Lowest Cloud † Nh 30	Low Cloud Form † CL 31	Height of Lowest Cloud † h 32	Medium Cloud form † CM 33	High Cloud form† CH 34	Dewpoint temperature °F. TdTd 35	Minimum Temperature °F TnTn 36	Departure: Maximum Temperature TxTx 37	Departure: Minimum Temperature TnTn 38	Rainfall: Since 1st June 1959 to date 39	Departure from normal 40	Since 1st January 1959, to date 41	Annual normal 42
Cox's Bazar	003	0	6	11	03	97	02	2	038	82	1	1	7	8	8	78	77	+ 2	+ 1	97.1	+ 10.6	113.0	140
Chittagong	006	9	8	00	00	97	02	6	040	83	4	2	6	2	x	77	78	+ 1	+ 2	77.6	+ 18.5	110.7	108
Maijdee Court	000	9	8	00	00	97	02	2	041	83	4	5	6	2	x	71	81	0	+ 3	75.1	+ 13.7	106.9	115
Comilla	000	0	3	00	00	97	03	0	038	85	3	2	5	0	0	78	79	+ 4	+ 3	44.0	— 2.7	70.1	94
Brahmanbaria	000	0	7	00	00	97	03	1	042	86	7	5	5	0	0	75	75	—	—	34.3	— 1.4	60.3	76
Sylhet	015	8	6	09	02	97	02	9	039	87	4	1	6	0	1	79	77	—	—	107.1	—	145.0	—
Srimangal	098	9	7	00	00	96	92	9	045	82	6	3	4	4	0	77	78		+ 2	51.9	+ 9.8	84.9	98
Mymensingh	000	0	8	00	03	96	50	2	044	83	8	6	3	x	x	79	80	+ 5	+ 2	61.1	+ 17.4	83.2	91
Narayanganj	000	9	8	09	02	96	03	2	037	86	4	4	4	7	x	77	82	+ 2	+ 3	39.8	+ 5.5	60.1	74
Dacca (Tezgaon)	030	9	6	13	05	97	01	2	031	85	2	3	5	3	1	76	80	—		40.3	..	56.3	—
Faridpur	002	9	8	16	02	97	03	0	997	85	8	7	5	x	x	71	79	+ 1	0	38.2	+ 4.1	66.7	71
Barisal	000	0	6	00	00	97	03	1	039	83	6	0	7	4	0	79	80	0	+ 2	60.8	+ 19.0	75.7	81
Khulna	000	0	6	13	05	96	01	2	037	85	6	5	7	0	0	77	79	+ 1	+ 1	45.1	+ 8.9	65.9	68
Satkhira	000	0	6	00	00	96	03	1	038	85	6	6	8	0	0	77	79	+ 1	+ 1	33.7	+ 0.1	51.8	65
Jessore	003	0	5	09	05	97	01	1	030	84	5	8	6	0	0	78	79	—	—	34.2	+ 1.8	70.0	65
Sirajganj	001	0	8	00	00	97	02	2	021	84	8	1	5	x	x	84	78	+ 2	— 1	44.1	+ 12.5	69.0	64
Bogra	000	0	7	13	02	96	03	0	038	84	3	5	6	3	0	78	81	0	+ 3	44.0	+ 9.7	63.0	69
Dinajpur	000	0	4	00	00	96	02	1	036	87	4	0	9	2	0	79	81	+ 2	+ 3	27.9	— 9.3	45.3	72
Rangpur	002	1	8	09	02	96	51	2	xxx	xx	8	5	6	x	x	81	82	+ 3	+ 5	40.7	— 1.9	60.6	84
Jammu																							—
Lahore (Jail Rd.)	000	0	0	13	02	96	02	0	013	85	0	0	9	0	0	79	82	— 1	+ 4	19.6	+ 8.8	23.5	19
Sialkot	000	2	5	00	00	97	03	1	008	85	4	5	6	2	0	81	83	+ 2	+ 5	35.0	+ 17.7	41.2	32
Jhelum	000	0	0	07	01	99	00	0	984	88	0	0	9	0	0	77	84	—	—	26.3	—	36.5	—
Rawalpindi	000	0	7	05	02	98	03	1	998	87	2	1	8	6	0	79	81	+ 2	+ 6	21.3	+ 4.3	34.4	36
Khushab	000	0	0	00	00	97	05	5	015	88	0	0	9	0	0	81	81	— 5	0	12.7	+ 4.8	18.2	15
Lyallpur	000	0	0	13	02	96	00	0	012	87	0	0	9	0	0	76	84	— 2	+ 5	7.6	+ 0.9	10.4	12
Montgomery	000	0	0	00	00	96	00	0	008	86	0	0	9	0	0	77	83	— 2	+ 2	2.7	— 3.1	5.0	10
Multan	000	0	0	00	00	97	02	0	000	90	0	0	9	0	0	77	88	+ 7	+ 6	4.1	0	6.2	7
Leiah	...		...					...			...	...			...								8
Khanpur	000	0	0	05	03	96	02	0	984	90	0	0	9	0	0	77	85	+ 6	+ 4	0.3	— 3.9	1.2	6
Bahawalpur	000	0	0	00	00	97	00	0	000	91	0	0	9	0	0	75	85	0	+ 5	4.7	+ 0.7	5.8	6
Fort Abbas																							4
Chakdara	000	0	6	00	00	98	02	1	020	82	6	0	8	6	0	76	76	—	—	5.2	—	29.8	—
Peshawar	000	0	5	05	05	96	01	2	009	83	3	5	6	2	0	77	82	— 4	+ 5	4.5	+ 0.2	17.5	14
Haripur	...		...				...			...	...	...	...	...				—					—
Campbellpur	000	5	7	09	04	97	03	8	029	83	0	0	9	0	7	79	82	—	—	15.6	—	29.5	—
Bannu	...	...	...					...			...				...			—					11
D. I. Khan	000	0	0	18	02	97	20	0	005	89	0	0	9	0	0	79	84	+ 2	+ 3	9.8	+ 5.4	13.5	10
Sibi	000	0	0	00	00	99	00	0	993	92	0	0	9	0	0	75	90	—	—	2.3	—	2.6	5
Nokkundi	000	0	0	18	02	99	02	0	969	89	0	0	9	0	0	39	86	—	—	0	—	1.1	2
Turbat	000	0	3	23	02	95	03	0	982	85	3	0	9	6	0	77	xx	—	—	1.2	—	5.6	—
Jiwani	000	0	8	13	03	96	02	2	002	80	8	5	5	x	x	73	78	—	—	0.1	—	5.7	4
Pasni	000	0	7	23	02	97	02	1	998	81	7	0	9	5	0	77	78	— 1	+ 3	0	— 0.9	2.5	6
Ormara	000	0	7	27	03	98	02	1	000	82	7	2	5	0	0	78	xx	—	—	0.1	— 0.7	2.0	6
Las Bela	000	0	6	00	00	98	20	3	996	86	2	0	8	6	6	78	81	—	—	4.5	—	4.7	8
Karachi (Manora)	000	0	7	25	05	96	03	2	000	83	7	0	9	3	0	78	81	+ 2	+ 3	6.5	+ 1.2	6.5	8
Karachi (Air Port)	000	0	8	27	05	96	02	2	998	81	6	5	5	3	x	77	81	—	—	9.7	—	9.9	—
Badin	001	9	8	23	02	98	82	6	993	81	8	9	7	x	x	78	80	— 1	—	4.6	— 1.1	4.6	9
Nagarparker	003	0	8	23	02	96	02	2	994	81	8	7	7	x	x	69	79	—	—	7.7	—	7.7	—
Umarkot	000	0	7	20	03	98	02	1	996	81	7	4	6	0	0	80	80	—	—	10.4	—	11.2	—
Hyderabad	000	0	4	23	05	97	02	1	998	83	4	6	5	0	0	75	80	— 2	+ 1	6.4	+ 1.4	7.1	7
Pad-i-dan	000	9	2	00	00	96	01	1	984	91	0	0	9	0	9	78	81	—	—	4.7	—	4.9	—
Nawabshah	000	0	6	00	00	96	01	2	990	92	6	0	9	7	0	82	86	—	—	3.0	—	3.7	—
Sukkur	000	9	6	00	00	96	02	1	984	88	0	0	9	0	8	81	83	—	—	1.1	—	2.1	4
Kashmore	000	0	0	05	08	99	00	0	981	92	0	0	9	0	0	75	88	—	—	0	—	0.1	—
Jacobabad	000	0	0	00	00	96	02	0	988	92	0	0	9	0	0	83	89	— 1	+ 8	3.7	+ 1.6	4.4	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																							—
Gilgit																							5
Murree	004	9	7	27	02	95	02	0	459	64	7	9	2	0	0	63	61	+ 2	+ 5	31.5	+ 4.4	56.8	59
Drosh	000	9	1	00	00	98	03	4	445	82	1	1	7	0	0	60	76	+ 3	+ 5	1.3	—	30.4	18
Cherat	009	0	8	18	01	90	47	6	456	74	8	5	6	x	x	74	69	— 3	0	6.0	— 2.5	16.1	29
Kakul	000	9	6	07	02	96	03	1	452	77	2	4	5	6	2	70	72	—	—	35.0	—	44.7	—
Landi Kotal	000	0	3	05	02	97	03	0	440	80	3	6	5	0	0	73	xx	—	—	2.5	—	17.5	—
Parachinar	000	0	2	00	00	99	02	0	796	71	0	0	9	0	1	84	xx	—	—	10.2	—	24.2	29
Miranshah	000	0	4	00	00	99	02	0	441	83	4	0	9	4	0	75	76	—	—	2.7	—	5.7	13
Wana	000	0	6	00	00	97	30	2	444	78	6	5	8	0	0	69	75	—	—	4.3	—	13.3	—
Fort Sandeman	007	0	0	00	00	98	99	9	454	82	0	0	9	0	0	69	76	+ 4	+ 3	5.2	+ 1.0	13.9	11
Hindubagh	000	0	0	13	01	98	00	0	404	74	0	0	9	0	0	60	73	—	—	2.4	—	10.5	—
Loralai	000	0	0	00	00	98	00	0	436	74	0	0	9	0	0	68	67	—	—	6.0		11.8	—
Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	4.5	— 1.3	8.7	14
Quetta	000	0	0	18	02	96	00	0	419	77	0	0	9	0	0	65	69	—	—	2.8	+ 1.9	8.4	8
Chaman	000	0	0	09	02	98	02	0	397	87	0	0	9	0	0	63	77	+ 5	+ 7	0.1	0	6.3	7
Kalat	000	0	0	00	00	98	02	0	420	74	0	0	9	0	0	55	62	+ 5	+ 6	3.1	+ 2.0	8.0	9
Nushki	000	0	0	00	00	98	02	0	451	91	0	0	9	0	0	68	64	—	—	0.4	—	2.2	—
Dalbandin	000	9	0	13	09	95	05	0	425	89	0	0	9	0	0	65	86	+ 7	+ 17	0	— 0.3	2.1	5
Panjgur	000	0	0	00	00	98	00	0	438	81	0	0	9	0	0	68	77	+ 4	+ 7	1.2	—	2.9	4
Kabul	000	0	0	18	00	99	00	0	441	73	0	0	9	0	0	55	69	—	..	—	—	—	12
Kandahar																							—

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 21st AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_b h_s	O $T_sT_sT_dT_d$	$I_dw d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Jambamaru	53 184	668 00	6 23 26	97 02 2	012 79	58 5 50	35 20 7	...	0 01 77	...
Velletia	53 238	587 00	0 30 04	97 05 0	948 86	08 9 00	75 40 0	...	0 01 83	1 30 21
Velletia	53 248	578 06	3 10 07	97 05 0	975 92	20 9 45	75 11 8	...	0 02 83	1 11 20
Elhomaru	53 206	640 06	6 22 24	97 02 8	025 81	44 3 20	35 10 5	...	0 02 75	1 22 65
Copenteria	53 248	657 06	8 29 05	98 02 2	003 83	88 4 xx	25 40 0	...	0 04 77	1 22 35
Jambamaru	53 166	595 12	7 24 21	97 02 2	027 81	78 4 00	35 80 8	...	0 01 73	..
Jal Rajendra	53 207	710 18	6 20 08	98 01 2	025 82	00 9 07	...	...	...	...
City of Bristol	53 227	646 18	8 23 10	98 02 2	011 80	82 4 xx	14 20 8	...	0 51 76	...
Victoria	53 179	574 18	5 23 10	97 01 1	043 73	xx x xx	17 10 0	...	0 06 72	1 23 xx

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	000 282 252	008 282 252	..	440 175 142	...	071 110 050	434 032 505	801 542 995	529 638 702	965 781	243 988	426 135	..
Jiwani ...														
Karachi ...	00 00	996 272 252	...	...	360 220 999	..	036 125 999	315 068 999	785 528 999	521 632 999	966 768	...	..	...
Lahore ...	00 00	...	Misda	..		...	...	...		...	...	...	...	...
Multan ...														
Peshawar ...	02 00	960 285 282	..	...	400 208 208	...	071 112 112	347 050 050	816 538 588	...	...	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 218 168	800 155 128	559 002 525	350 705 792	250 888 952	...	..	...	...	250 888 952	...	...
Jiwani ...													
Karachi ...	00 00	..	...	...	...	...	...	...	...	...	300 768 999	...	...
Lahore ...	00 0.	..	Misda	...	...	..	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	02 00	900 232 232	800 180 180	460 588 999	...	..	..	...	...	...	460 588 999	..	..
Quetta ...													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. → / STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)
Bogra ...	17 03	15 03	13 03	10 09	13 10	14 13	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...
Chhor ...	15 06	14 07	13 07	07 08	06 17	03 18	...	...	...
Chittagong ...	24 07	24 01	15 05	14 13	...	...	...	...	...
Cox's Bazar ...	16 18	16 20	14 22	14 25	18 23	...	...	...	...
Dacca ...	19 08	18 06	16 06	14 17	13 07	...	...	...	...
Dalbandin ...	..	...	21 05	24 08	24 16	25 16	34 21	34 15	32 03
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	.	...	...	22 11	21 13	26 22	27 30	29 35
Fort Sandeman ...	...	...	...	10 09	14 09	23 01	...	...	...
Jacobabad ...	18 08	18 04	17 06	08 11	06 13	09 24	...	...	...
Jessore ...	12 10	13 15	xx xx	12 22	...	...	...	...	...
Jhelum ...	21 04	20 03	20 02	17 03	02 06	01 07	34 07	32 07	09 08
Jiwani ...	13 09	12 06	21 03	01 05	...	..	...	...	..
Karachi ...	26 10	33 05	...	...	...	...	...	...	...
Khanpur ...	04 04	06 08	06 11	06 09	05 16	04 18	...	...	...
Lahore ...	11 02	13 02	18 02	18 07	20 07	10 06	03 04	04 04	02 12
Multan ...	11 06	10 05	07 05	01 11	03 16	04 17	06 09	...	...
Muscat ...	...	...	...	...	...	...	...	..	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	06 07	13 04	20 10	21 12	20 03	31 12	...	...
Quetta ...	...	..	...	...	18 03	28 03	25 01	30 03	28 12
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	28 14	29 07	26 05	09 05	13 04	14 07	09 07	06 04	08 06
Veraval ...	...	...	...	...	...	..	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. → / STATION	0.3 (11)	0.6 (12)	0.9 (13)	1.5 (14)	2.1 (15)	3.0 (16)
Bogra ...	13 09	11 08	11 09	12 10	14 10	...
Chaklala ...	...	...	...	...	...	...
Chhor ...	25 13	27 09	01 06	04 15	06 19	05 18
Chittagong ...	16 07	15 11	15 12	12 07	11 11	11 08
Cox's Bazar ...	16 18	16 19	15 18	13 21	12 21	12 11
Dacca ...	13 11	13 09	13 10	09 11	10 11	10 09
Dalbandin ...	...	...	18 09	19 10	36 03	32 17
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	22 01	22 06	19 06
Fort Sandeman ...	...	...	...	03 07	03 03	04 05
Jacobabad ...	05 06	05 07	06 07	07 12	05 16	04 28
Jessore ...	13 17	14 23	14 24	12 24	11 22	...
Jhelum ...	15 03	18 06	18 08	22 12	30 03	36 06
Jiwani ...	11 06	10 08	...	...	...	...
Karachi ...	28 15	29 17	28 14	...	...	...
Khanpur ...	10 17	11 21	11 20	09 19	07 17	...
Lahore ...	17 12	17 11	14 06	22 02	01 02	36 05
Multan ...	14 14	13 13	11 09	04 07	04 16	06 10
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	34 04	32 07	21 12	20 07	...
Quetta ...	...	...	...	...	16 05	32 05
Sharjah ...	...	...	...	...	...	...
Sylhet ...	10 12	10 06	15 03	04 11	05 13	09 06
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. → / STATION	0.3 (17)	0.6 (18)	0.9 (19)	1.5 (20)	2.1 (21)	3.0 (22)	4.5 (23)	5.4 (24)	6.0 (25)	7.2 (26)	9.0 (27)
Bogra ...	16 07	16 06	18 06	11 06	07 12	08 18	08 12	07 15	...	...	...
Chaklala ...	...	...	...	..	..	..	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	13 03	13 09	11 09	09 12	12 12	13 13	06 12	06 19	...	...	...
Cox's Bazar ...	12 12	13 18	14 19	...	..	...	...	...	...	...	...
Dacca ...	17 10	16 12	15 11	09 10	09 13	08 15	...	...	...	...	...
Dalbandin ...	...	...	18 07	18 10	15 09	12 06	30 13	35 12	07 24	08 09	09 05
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	21 08	17 07	32 05	01 07	...	...	...
Fort Sandeman ...	...	...	...	xx xx	13 03	36 07	06 06	21 01	08 07	24 04	17 06
Jacobabad ...	xx xx	08 11	06 10	23 11	...	...	..	...	...	...	...
Jessore ...	11 07	14 12	13 18	13 21	...	...	...	...	...	...	...
Jhelum ...	23 04	23 07	23 06	25 05	33 05	35 05	...	...	...	...	...
Jiwani ...	14 07	...	...	...	...	..	...	...	...	...	...
Karachi ...	28 09	28 11	...	...	...	...	...	...	...	...	...
Khanpur ...	09 11	07 13	06 18	05 21	05 21	07 20	08 14	07 12	11 06	09 15	06 13
Lahore ...	18 02	16 04	15 07	08 04	06 01	27 03	36 02	22 02	21 01	36 06	17 15
Multan ...	12 10	10 09	08 07	06 11	07 13	06 12	06 15	06 06	08 05	11 06	11 07
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	15 02	08 05	08 10	07 04	17 06	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	29 03	16 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. / STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)	7.2 (11)	9.0 (12)	10.5 (13)	12.0 (14)	14.1 (15)	16.2 (16)	18.0 (17)	21.0 (18)	24.0 (19)
Chittagong ...																		
Dacca ...	13 13	14 14	14 13	11 12	10 10	08 11	09 12	09 09	08 09	08 13	09 23	07 27	08 28	07 35	...	...	...	..
Karachi ...	29 17	28 15	05 09	05 14	06 21	05 27	03 41	04 46	05 46	08 30	11 21	11 32	..	...	...	...	...	..
Peshawar ...	...	09 17	31 13	29 09	25 09	03 04	07 23	34 15	15 09	19 10	...	...	...	...	...	...	...	...
Quetta ...																		

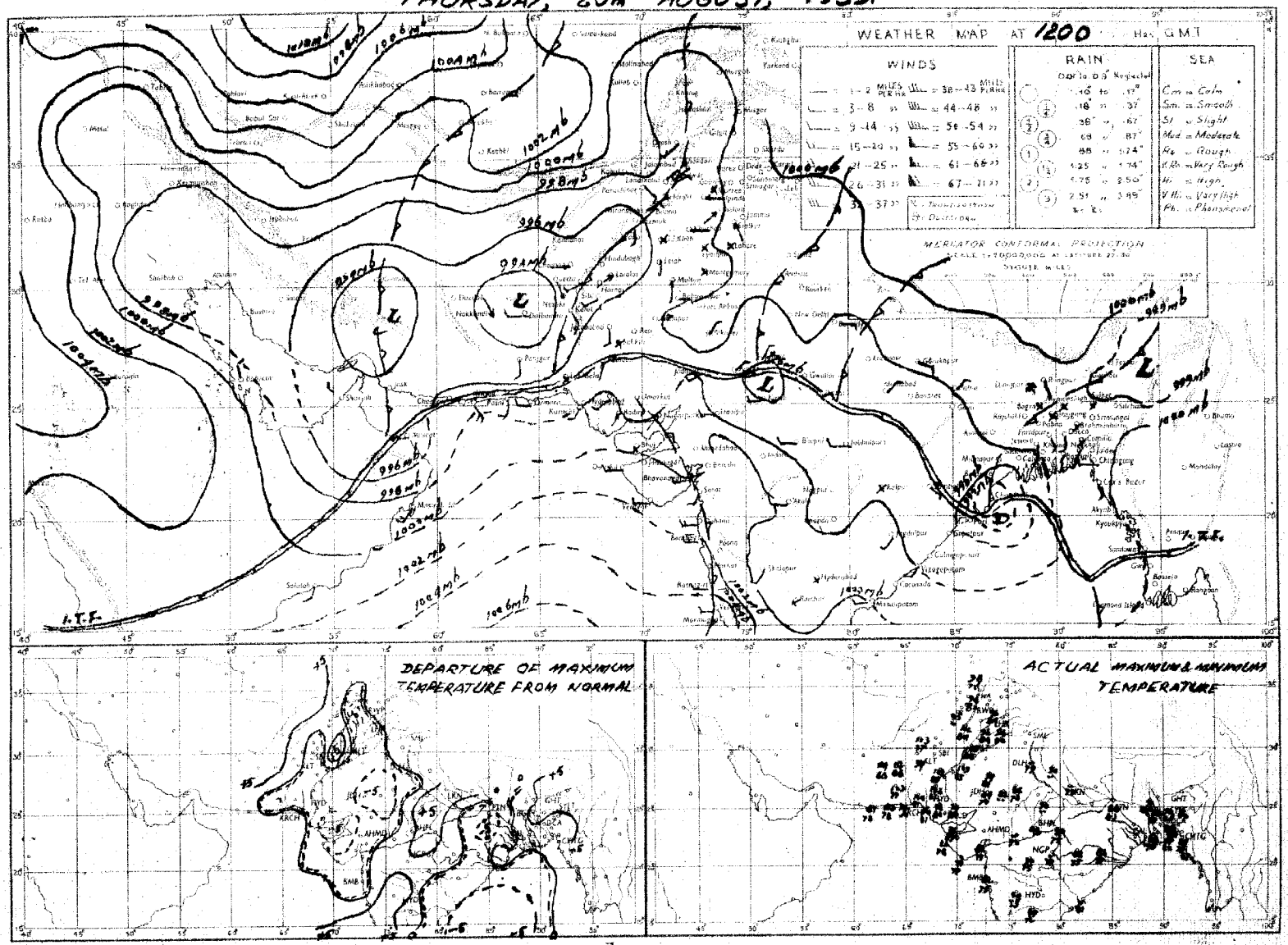
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv,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, 20TH AUGUST, 1959.



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

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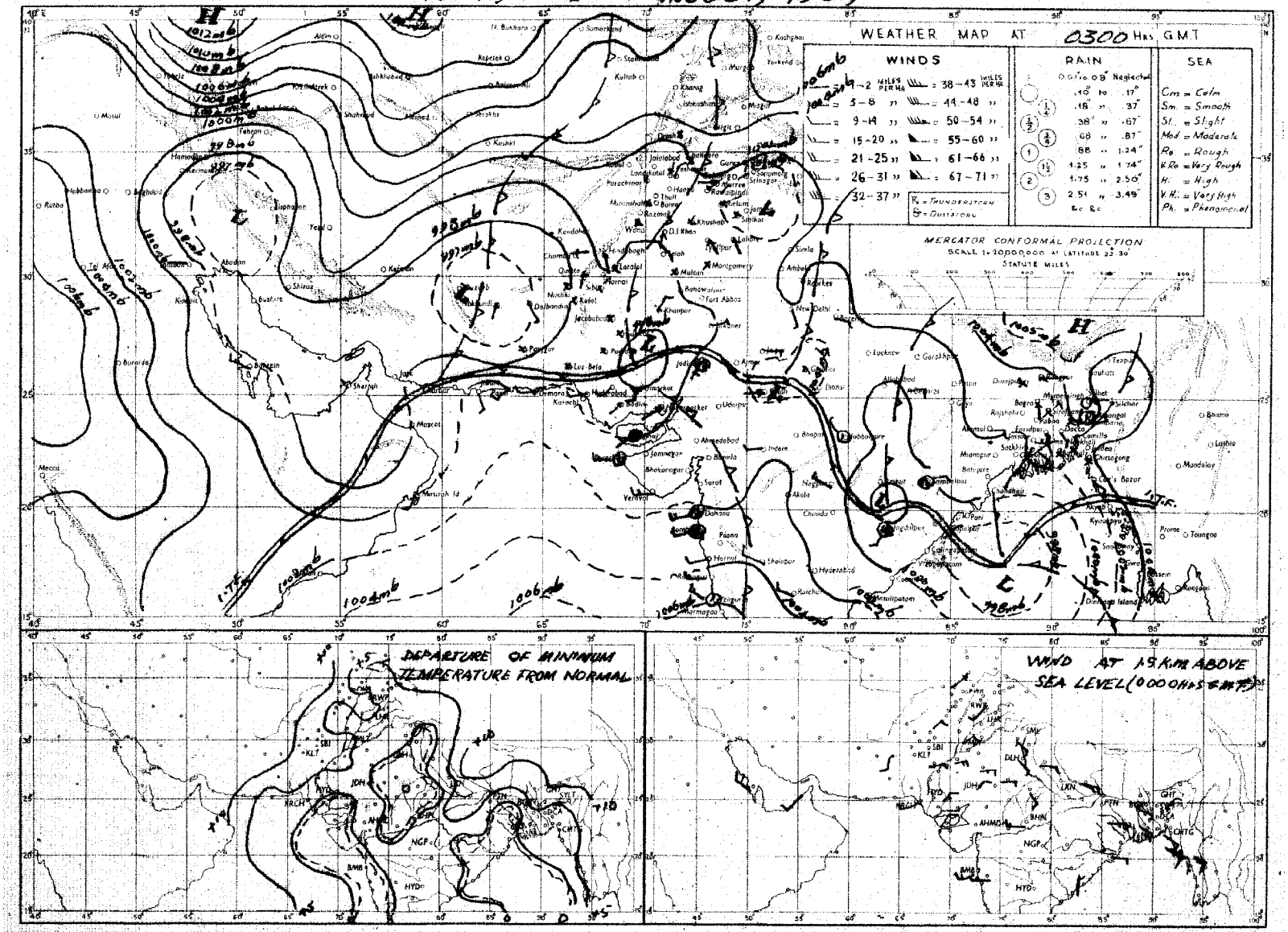
PAKISTAN DAILY WEATHER MAP

FRIDAY, 21st AUGUST, 1959



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

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Volume No. 13

PAKISTAN DAILY WEATHER REPORT

SATURDAY, THE 22nd AUGUST, 1959.

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

Yesterday's low moved slightly northwestwards and now lies over West Madhya Pradesh.
Another low lies in northwest Bay of Bengal.
Local rain/thundershowers have occurred in Chittagong and Rajshahi divisions and drizzle in Dacca division.
Yesterday's low pressure wave over Rawalpindi division is now moving across east Kashmir.
A fresh low pressure wave is moving across Peshawar division.
A trough of low lies over Hyderabad division.
Fairly widespread thunderstorms/showers have occurred in Rawalpindi and Peshawar divisions, local in Lahore, D. I. Khan, Quetta divisions and scattered in Bahawalpur, Khairpur, Hyderabad divisions and the Federal Capital Area.
Chief amounts of rainfall are:— Jhelum 2"; Parachinar 1½"; Srimangal Sirajganj, Bogra, Kakul, Umerkot 1" each; Haripur 3/4" Sylhet, Rajshahi, Rangpur, Rawalpindi, Murree, Leiah ½" each and Cherat, Loralai ¼" each.
Day temperatures were 3—6°F above normal in Bahawalpur, Khairpur, Quetta, Kalat divisions and the Federal Capital Area.
Forecast valid until the evening of 23rd August, 1959 Local thunderstorms/showers will occur in Hyderabad, Lahore, Rawalpindi, Peshawar divisions Kashmir and East Pakistan and scattered elsewhere in West Pakistan.

Karachi-11
The 22nd August, 1959.

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

OBSERVATIONS

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

Divisions	Stations	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	8	5	16	03	96	02	6	015	83	1	3	7	4	4	79	87
	Chittagong	030	0	8	20	02	96	02	2	010	82	5	4	5	2	x	77	84
	Maijdee Court	000	9	7	00	00	96	50	2	013	82	5	5	7	2	0	79	88
	Comilla	000	0	8	00	00	96	02	2	011	85	6	4	5	x	x	78	88
	Brahmanbaria	000	0	4	18	02	97	03	0	009	85	4	4	5	0	0	78	86
	Sylhet	000	0	5	27	09	97	02	1	003	84	3	4	8	1	1	78	88
	Srimangal	004	2	8	18	13	94	95	9	002	81	8	3	4	x	x	72	89
Dacca	Mymensingh	000	8	x	xx	xx	xx	xx	x	xxx	xx	x	x	x	x	x	78	91
	Narayanganj	000	9	8	18	02	96	03	2	007	87	1	1	5	7	8	77	90
	Dacca (Tezgaon)	000	9	7	18	05	98	02	2	002	86	5	9	5	0	2	78	89
	Faridpur	000	9	8	00	00	97	03	0	993	86	4	5	7	1	x	81	88
	Barisal	000	0	4	00	00	97	03	1	033	85	4	0	8	6	0	76	88
Rajshahi	Khulna	000	0	4	13	07	97	01	2	005	85	4	5	7	0	0	76	89
	Satkhira	000	0	5	00	00	96	03	1	998	85	5	6	8	0	0	76	90
	Jessore	000	0	4	18	03	97	02	1	998	88	4	4	6	0	0	81	90
	Sirajganj	000	0	8	00	00	97	02	2	991	85	8	0	9	5	x	85	88
	Bogra	000	0	7	00	00	96	02	6	004	85	4	5	6	2	0	77	89
	Dinajpur	000	8	7	00	00	95	02	6	002	89	3	5	7	2	0	78	92
	Rangpur	045	8	7	13	02	96	0.	6	xxx	82	7	5	6	0	0	79	84
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	7	6	05	03	96	02	1	987	91	1	1	7	3	6	78	97
	Sialkot	000	2	7	05	02	97	02	5	999	80	7	5	6	.	0	76	88
Rawalpindi	Jhelum	022	2	7	13	03	97	02	9	991	83	4	5	7	2	0	77	93
	Rawalpindi	000	8	4	18	02	98	02	6	970	91	1	2	7	0	2	79	95
	Khushab	000	0	2	00	00	96	03	2	966	99	2	3	6	0	0	77	00
Multan	Lyallpur	000	0	0	13	02	96	00	0	978	97	0	0	.	.	0	76	98
	Montgomery	000	0	0	00	00	96	00	0	982	97	0	0	9	0	0	76	03
	Multan	000	0	3	18	03	97	03	1	971	02	3	2	6	0	0	73	04
Bahawalpur	Leiah	041	9	4	00	00	98	01	6	961	92	4	2	8	0	0	76	97
	Khanpur	000	0	3	07	05	96	09	0	952	09	3	2	7	0	0	72	09
	Bahawalpur	000	0	5	09	05	97	03	0	968	01	5	0	8	4	0	73	00
	Fort Abbas																	
Peshawar	Chakdara	000	0	1	27	02	98	01	1	984	92	1	1	7	0	0	78	93
	Peshawar	000	2	5	05	07	97	17	1	970	92	4	9	6	3	0	79	94
	Haripur	000	4	3	23	02	97	01	2	957	95	3	5	6	0	0	77	96
	Campbellpur	021	5	2	09	03	98	01	6	987	94	2	0	9	5	0	83	95
D. I. Khan	Bannu	000	0	3	13	02	99	03	0	952	00	3	0	9	8	0	73	03
	D. I. Khan	000	0	3	00	00	98	03	0	959	01	0	0	9	0	3	83	02
Quetta	Sibi	000	0	3	00	00	98	02	0	943	10	3	1	5	0	0	71	11
Kalat	Nokkundi	000	0	0	13	02	98	02	0	932	10	0	0	9	0	0	xx	12
	Turbat	000	0	0	23	02	96	00	0	966	04	0	0	9	0	0	88	06
	Jiwani	000	0	6	13	07	96	01	2	980	84	2	5	5	0	9	74	87
	Pasni	000	0	6	23	09	97	02	1	973	88	0	0	9	0	1	80	92
	Ormara	000	0	0	27	09	98	00	0	962	87	0	0	9	0	(	77	89
	Las Bela	000	0	3	00	00	96	30	7	961	01	2	0	8	6	3	74	08
Karachi Fed'ral Area & Hyderabad	Karachi (Manora)	000	0	6	25	10	97	01	2	974	86	6	6	4	0	0	77	89
	Karachi (Air Port)	000	6	5	23	05	97	02	5	974	89	1	5	6	3	1	79	91
	Badin	000	0	0	23	02	97	00	0	976	94	0	0	9	0	0	75	96
	Nagarparkar	000	0	4	25	05	97	01	2	962	89	4	0	9	4	c	70	91
	Umerkot	067	0	7	18	07	98	97	1	956	82	7	9	5	0	0	79	89
	Hyderabad	000	0	4	23	07	97	02	1	969	88	2	5	6	2	0	73	93
Khairpur	Pad-i-dan	000	0	4	36	09	97	03	0	945	00	3	3	6	0	1	74	04
	Nawabshah	008	5	5	18	05	96	02	9	954	85	3	2	6	2	0	84	04
	Sukkur	002	8	2	02	05	96	01	1	948	99	0	0	9	0	3	77	01
	Kashmore	000		0	05	16	99	00	0	952	01	0	0	9	0	0	68	01
	Jacobabad	000	0	2	18	07	96	02	0	952	01	2	5	8	0	0	81	06
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	5	8	31	02	95	03	4	435	70	8	5	2	x	x	66	72
Peshawar	Drosh	000	8	2	23	16	96	05	4	388	96	2	2	7	0	0	58	90
	Cherat	022	6	3	23	07	98	03	6	436	82	3	0	9	1	0	80	83
	Kakul	000	8	4	18	03	97	01	2	430	82	2	4	6	0	0	59	83
	Landi Kotal	000	0	3	13	03	97	03	0	425	88	3	2	7	0	0	72	90
	Parachinar	000	0	3	11	02	99	02	0	796	83	3	0	9	1	0	67	xx
D.I. Khan	Miranshah	000	0	8	05	02	98	03	2	403	93	6	2	6	2	x	79	97
	Wana	000	0	8	13	05	97	20	1	414	87	8	5	8	x	x	64	92
	Fort Sandeman	000	2	6	09	05	98	17	9	428	87	4	3	6	2	0	64	96
Quetta	Hindubagh	00g	3	8	20	03	94	03	0	368	76	5	0	9	6	4	57	76
	Loralai	000	0	3	13	02	98	02	1	446	91	3	0	9	2	0	62	91
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	4	23	02	96	02	0	405	90	4	0	8	0	0	62	93
	Chaman	000	0	0	16	01	98	00	0	420	01	0	0	9	0	0	50	02
Kalat	Kalat	000	0	2	05	03	97	02	1	386	84	2	1	7	0	0	63	92
	Nushki	000	2	4	09	02	97	03	0	462	06	4	7	5	0	0	78	08
	Dalbandin	000	6	1	18	02	96	03	0	407	07	1	1	7	0	0	52	08
	Panjgur	000	0	3	23	02	98	03	0	428	21	2	0	4	0	0	53	02
Afghanistan	Kabul	000	0	0	18	02	99	00	0	447	90	0	0	9	0	0	67	93
	Kandahar																	

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 cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1959 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	003	0	5	09	02	97	01	2	049	83	1	5	5	3	0	76	78	+ 2		77.6	+17.9	110.7	140
	Chittagong	000	9	5	00	00	97	02	1	037	84	2	1	6	8	0	77	80	− 2	+ 2	75.1	+12.9	106.9	108
	Maijdee Court	000	0	6	00	00	97	02	2	046	86	6	4	7	0	0	77	78	+ 3	+ 2	44.0	− 3.2	70.0	115
	Comilla	010	0	2	05	02	97	01	6	052	87	2	5	5	0	0	78	80	+ 1	+ 2	34.4	− 1.6	60.4	94
	Brahmanbaria	045	9	3	00	00	97	03	9	048	85	3	4	6	0	0	77	76	—	—	107.5	—	145.5	76
	Sylhet	093	9	3	00	00	96	02	9	054	85	3	4	6	0	0	77	74	− 1	− 2	52.8	+10.3	85.8	—
	Srimangal																							98
Dacca	Mymensingh	000	0	4	09	02	98	02	1	055	85	4	4	5	0	0	78	78	+ 4	0	61.1	+16.9	83.3	91
	Narayanganj	000	9	3	09	03	97	01	2	045	88	3	4	5	0	0	77	80	+ 2	+ 1	39.8	+ 5.0	60.1	74
	Dacca (Tezgaon)	032	9	6	09	02	97	01	5	041	86	7	2	5	0	1	80	79	—	—	43.3		56.3	—
	Faridpur	007	9	5	16	02	97	03	5	031	86	3	5	7	1	0	79	79	+ 1	0	38.3	+ 3.8	66.7	71
	Barisal	000	0	6	18	02	97	03	1	037	87	6	0	8	x	0	79	88	+ 1	+	60.8	18.5	75.7	81
Rajshahi	Khulna	000	0	6	09	05	96	01	2	040	85	6	4	6	0	0	78	80	+ 1	+ 2	45.1	+ 8.4	45.9	68
	Satkhira	000	0	6	00	00	96	03	1	038	84	6	6	8	0	0	78	80	+ 2	+ 2	33.7	− 0.3	51.8	65
	Jessore	006	6	5	09	05	97	01	6	038	81	5	8	6	0	0	79	80	—	—	34.2	+ 1.5	70.1	65
	Sirajganj	114	8	8	09	02	98	02	6	031	85	8	2	5	x	x	84	78	− 1	− 1	45.3	+13.3	70.1	64
	Bogra	108	8	6	09	02	96	01	9	043	84	2	5	5	0	8	77	75	+ 1	− 3	45.1	+10.3	64.1	69
	Dinajpur	006	3	4	00	00	96	02	5	037	85	4	0	9	2	6	73	75	+ 3	− 3	28.0	− 9.6	45.3	72
	Rangpur	047	0	5	13	02	96	01	5	xxx	84	5	5	6	0	0	78	78	0	+ 1	41.2	− 1.9	61.1	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	8	6	18	02	96	03	1	021	87	3	5	7	8	0	77	83	0	+ 5	19.6	+ 8.6	23.5	19
	Sialkot	010	2	8	00	00	97	02	6	029	78	8	7	6	x	x	77	77	− 6	− 1	35.1	+17.5	41.2	32
Rawalpindi	Jhelum	247	6	8	05	03	94	97	9	034	78	6	9	5	2	x	77	77	—	—	2-.7	—	39.0	—
	Rawalpindi	066	5	8	00	.0	99	02	9	034	73	8	6	5	x	x	71	70	− 3	− 5	22.0	+ 4.7	35.1	36
	Khushab	0.0	0	2	09	03	99	01	1	025	87	0	0	9	0	9	78	81	+ 1	0	12.7	+ 4.6	18.2	15
Multan	Lyallpur	000	0	6	13	02	96	03	0	012	86	6	0	.	3	0	77	85	+ 1	+ 6	7.6	+ 0.7	10.4	12
	Montgomery	000	0	0	.0	00	96	00	0	018	87	0	0	9	0	0	77	81	0	+ 2	2.7	− 3.2	5.0	10
	Multan	000	0	0	23	02	97	02	0	000	91	0	0	9	0	0	78	87	+ 6	+ 5	4.1	0	6.2	7
Bahawalpur	Leiah	041	3	0	00	00	76	00	0	997	85	0	0	9	0	0	80	80	—	—	3.9	—	5.8	8
	Khanpur	000	0	0	20	03	96	02	0	988	89	0	0	9	0	0	78	84	+ 6	+ 3	0.3	− 4.0	1.2	6
	Bahawalpur	000	0	1	13	02	97	02	0	006	89	0	0	9	0	1	77	85	0	5	4.7	+ 0.9	5.8	6
	Fort Abbas																							4
Peshawar	Chakdara	000	0	6	00	0	97	01	9	004	76	6	0	8	4	0	75	74	—	—	5.2	—	20.8	—
	Peshawar																		− 3					14
	Haripur	076	4	7	23	04	97	03	6	013	84	7	6	6	0	0	73	64	—	—	12.0	—	22.9	—
	Campbellpur	021	5	6	0?	05	98	03	1	041	79	3	0	9	8	8	72	76	—	—	15.8	—	29.7	—
D. I. Khan	Bannu	000	0	0	00	00	.9	00	0	996	88	0	0	9	0	0	77	82	—	—	10.0	—	16.9	11
	D. I. Khan	000	0	0	05	02	98	00	0	006	88	0	0	9	0	0	80	83	+ 2	+ 2	9.8	+ 5.4	13.5	10
Quetta	Sibi	008	9	2	00	00	99	01	9	003	86	0	0	9	0	1	77	79	—	—	2.4	—	2.7	—
Kalat	Nokkundi	000	0	0	05	02	99	02	0	970	92	0	0	9	0	0	68	85	—	—	0	—	1.1	2
	Turbat	000	0	0	23	02	95	.0	0	983	86	0	0	9	0	0	75	xx	—	—	1.2	—	5.6	—
	Jiwani	000	0	5	13	07	96	03	1	007	80	5	5	5	0	0	75	78	—	—	0.1	—	5.7	4
	Pasni	000	0	4	25	03	97	02	1	997	81	4	0	9	7	0	79	81	+ 3	+ 5	0	− 0.9	2.5	6
	Ormara	008	0	5	27	03	98	02	5	999	82	5	2	6	0	0	79	80	—	—	0.1	—	0.7	6
	Las Bela	000	0	0	00	00	98	00	0	989	88	0	0	9	0	0	77	83	—		4.8	—	4.7	8
Karachi Fed'ral Area & Hyderabad	Karachi (Manora)	000	0	6	25	05	96	03	2	006	84	2	6	4	0	9	78	83	+ 4	+ 5	6.5	+ 1.1	6.5	8
	Karachi (Air Port)	007	9	5	27	05	96	03	5	999	83	2	6	5	3	0	79	77	—	—	9.8	—	10.0	—
	Badin	000	0	0	23	02	96	00	.	000	82	0	0	9	0	0	76	80	—	—	4.6	− 1.1	4.6	9
	Nagarparkar	000	0	4	00	00	97	01	2	993	82	4	6	7	0	0	68	78	—	—	7.7	—	7.7	—
	Umerkot	122	0	2	18	03	98	02	9	998	81	2	0	9	1	0	80	79	—	—	11.6	—	12.4	—
	Hyderabad	000	0	4	23	10	96	07	0	995	83	4	6	5	0	0	75	80	− 2	+ 1	6.4	+ 1.3	7.1	7
Khairpur	Pad-i-dan	000	0	1	05	02	97	01	0	997	88	0	0	9	0	1	77	82	—	—	4.7	—	4.9	—
	Nawabshah	009	0	2	18	03	96	01	5	003	85	0	0	9	0	2	85	81	—	—	3.0	—	3.8	—
	Sukkur	090	9	2	00	00	96	02	0	994	87	0	0	9	0	3	79	85	—	—	1.1	—	2.1	4
	Kashmore	000	0	0	18	02	99	00	0	998	90	0	0	9	0	0	78	86	—	—	0	—	0.1	—
	Jacobabad	000	0	0	18	02	96	02	0	998	88	0	0	9	0	0	80	85	+ 3	+ 4	3.7	+ 1.6	4.4	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							24
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	059	2	9	29	07	90	49	9	467	60	9	x	0	x	x	59	58	+ 2	+ 2	32.1	+ 4.7	57.4	59
Peshawar	Drosh	000	9	3	00	00	97	01	4	450	81	3	1	7	0	0	66	78	+ 6	+ 7	1.3	—	30.4	18
	Cherat	022	0	8	13	03	91	47	4	459	71	8	5	6	x	x	71	xx	− 3	—	6.3	− 2.4	16.3	29
	Kakul	105	6	7	09	02	97	20	9	457	70	7	8	6	0	0	68	66	—	—	36.1	—	45.8	—
	Landi Kotal	000	0	6	05	03	97	03	1	446	76	6	6	4	0	0	73	xx	—	—	2.5	—	17.5	—
	Parachinar	160	0	3	00	00	99	02	6	797	69	3	0	9	1	0	59	xx	—	—	11.8	—	25.8	29
D.I. Khan	Miranshah	000	0	2	00	00	99	02	0	453	84	2	0	9	2	0	73	76	—	—	2.7	—	5.7	13
	Wana	000	0	0	00	00	97	02	6	444	78	0	0	9	0	0	63	73	—	—	4.3	—	13.3	—
	Fort Sandeman	000	0	1	00	00	97	02	9	456	80	1	1	7	0	0	68	75	− 1	+ 2	5.2	+ 0.9	13.9	11
Quetta	Hindubagh	000	0	0	00	00	98	00	0	413	71	0	0	9	0	0	57	70	—	—	2.4	—	10.5	—
	Loralai	027	0	3	00	00	98	02	6	432	72	0	0	9	0	3	64	65	—	—	6.2	—	13.1	—
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	4.5	− 1.3	8.7	14
	Quetta	012	9	2	18	03	96	01	6	426	74	0	0	9	0	9	66	65	—	—	2.9	+ 2.0	8.5	8
	Chaman	000	0	0	18	03	98	02	0	397	88	0	0	9	0	0	66	77	+ 5	+ 7	0.1	0	4.3	7
Kalat	Kalat	000	0	0	36	05	98	02	1	453	73	0	0	9	0	0	63	64	+ 4	+ 8	3.1	+ 2.0	8.0	9
	Nushki	000	0	3	C9	11	98	01	2	471	91	0	0	9	0	8	68	87	—	—	0.4	—	2.2	—
	Dalbandin	030	9	5	00	00	95	05	1	430	88	3	0	9	4	1	65	86	+ 3	+ 17	0	− 0.3	2.1	5
	Panjgur	000	0	0	00	00	98	00	0	440	81	0	0	9	0	0	69	78	+ 4	+ 8	1.2	—	2.9	4
Afghanistan	Kabul	000	0	0	00	00	99	00	0	502	73	0	0	9	0	0	48	58	—	—	—	—	—	12
	Kandahar																							—

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

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 22nd AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_aL_aL_a$ GG	N dd ff	VV ... W	PPP TT	$N_hC_hh_hC_MC_H$	D,V, a PP	8 N, Ch, h,	O T, T_s T_s T_s	Id...d...PH...
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Victoria	63 192	591 00	5 23 10	97 02 2	043 73	55 8 00	17 10	...	0 06 72	1 23 xx
Mancoor	63 180	705 00	8 27 24	98 02 2	xxx73	...	...	...	...	...
City of Brisnal	63 242	457 06	8 22 04	98 02 3	009 83	84 4 xx	14 00 0	...	0 01 79	1 23 44
Joseph Pomrall	63 226	609 06	8 27 14	97 18 8	011 81	57 9 5x	26 20 2	...	0 55 76	1 26 58
Victoria	63 203	607 06	5 23 10	97 02 2	043 73	55 5 00	17 10 0	...	0 06 72	1 23 xx
Victoria	63 215	622 12	5 23 10	97 02 2	043 73	55 5 00	17 10 0	...	0 06 72	1 23 xx
Victoria	63 227	639 18	5 23 10	97 02 2	043 73	55 5 00	17 10 0	...	0 54 72	1 23 xx

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sagra ...														
Chittagong ...														
Dacca ...	00 00	002 292 255	026 222 195	..	400 160 120	...	049 065 052	306 022 518	758 565 958	470 662 999	570 81	321 008	...	..
Jhansi ...														
Karachi ...	00 00	997 286 268	...	...	390 175 999	...	069 110 999	345 060 999	819 522 999	554 645 999	969 788	244 002	..	...
Lahore ...	01 00	977 282 258	013 xxxxxx	..	367 172 999	...	971 025 999	202 536 999	623 608 999	310 692 999	941 795	...	...	...
Multan ...														
Peshawar ...	00 00	958 238 212	..	...	340 239 235	...	025 145 145	307 068 018	786 520 999	525 622 999	968 795	257 858	...	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT TdTdTd								Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Sagra ...													
Chittagong ...													
Dacca ...	00 00	900 175 142	800 132 092	577 002 528	474 585 618	...	...	..	...	...	474 585 618	..	...
Jhansi ...													
Karachi ...	00 00					...	...	...	...	...	200 002 999	...	...
Lahore ...	01 00	900 220 999	800 715 999	658 030 999	350 735 999		...	...	...	...	350 735 999	..	..
Multan ...													
Peshawar ...	00 00	900 250 250	800 202 202	360 698 999	250 788 999	170 905 999	..	...	...	...	170 905 999		..
Quetta ...													

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

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

UPPER WIND DATA*

Height in Kms. a.s.l.	At 1200 hrs. G.M.T † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Sagra ...	11 02	11 03	07 05	09 09	10 12	08 14				12 04	13 07	15 12	13 13	13 13	10 16	14 07	14 05	..	..	..	..	..	..	..	..	..
Chaklala ...		xx xx	18 04	28 03	31 03	35 06	36 09	36 03	...																	
Chhor ...	24 07	33 06	30 05	36 10	03 18	04 14				21 07	24 07	17 07	10 12	08 17	08 17											
Chittagong ...	18 08	18 15	18 18	14 12	19 12	15 18	09 15	08 16	08 25	14 15	14 16	15 15	15 15	14 19	14 19	18 06	16 05	15 06	14 11	18 18	12 15	11 15	12 24	12 25	...	...
Cox's Bazar ...	16 07	16 12	16 15	15 17	12 14	09 11	14 10	xx xx	11 12	15 14	15 10	12 09	14 09	14 15	..	15 06	16 10	15 12	13 12	13 15	11 18	...	...	...	...	...
Dacca ...	18 06	17 07	15 06	09 06	07 12		14 05	14 10		13 08	14 12	64 15	13 12	13 08	64 15	13 12	13 08	11 10	13 13	15 12	13 13	12 25	12 37	12 35	11 27	...
Dalbandin ...	...	...	20 06	18 08	14 04	13 07	04 07	05 07		...	...	22 02	18 10	21 05	02 06	...	...	...	21 02	19 05	22 05	01 07	07 19	01 12	10 09	05 13	10 13
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	22 18	18 13	25 27	...	...	...	...	...	23 04	21 10	23 17	...	...	...	...	24 01	04 03	33 05	31 05	29 06	27 10	...
Fort Sandeman ...	...	...	...	12 07	07 05	36 07	36 09	36 09	32 07	...	...	...	25 05	18 05	29 02	...	...	...	08 01	14 02	35 06	02 09	34 04	31 05	21 04	20 09
Jacobabad ...	14 19	12 12	10 13	07 13	07 14	04 23	...	...	...	03 13	08 09	10 08	05 07	01 08	04 17	15 01	12 05	30 07	36 09	05 12	04 12	08 06	10 04	10 04	...	...
Jhansi ...	13 09	13 12	13 15	...	...	...	...	...	...	11 12	11 15	11 14	12 13	12 13	...	...	...	...	...	...	...	...	...	...	...	...
Kalam ...	14 07	17 09	19 05	26 05	31 10	33 10	...	...	...	13 04	13 10	15 03				11 03	13 06	07 05	32 08	32 08	16 04	...	...	...	...	...
Jhansi ...	14 09	12 13	13 15	12 10	08 06	07 08	...	...	...	12 08	13 07	13 08	12 10	13 09	16 16	10 03	07 04	09 03	12 06	05 08	05 18	06 21	...	...	...	...
Karachi ...	24 08	33 03	05 08	04 17	03 15	05 26	07 25	09 24	09 19	29 12	30 17	32 05	06 13	07 20	...	26 03	06 02	09 04	...	...	...	...	...	...	...	...
Khanpur ...	07 07	01 17	07 12	07 17	08 16	08 21				21 15	23 09	11 05	08 13	07 12	08 17	21 04	08 03	09 07	07 15	06 18	07 16	15 17	05 17	04 07	09 17	10 06
Lahore ...	08 07	01 11	11 08	15 05	23 04	32 07	33 04	01 05	02 03	18 11	19 17	19 12	20 04	30 03	01 08	09 03	09 08	08 01	20 02	28 04	02 09	35 09	32 10	10 08	...	...
Multan ...	10 13	07 90	07 09	07 14	07 12	...				19 15	19 13	19 11	24 02	09 06	05 08	17 10	10 16	16 15	16 16	21 11	16 07	10 15	05 16	03 35	03 24	...
Mianwali ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	04 08	04 08	13 10	19 11	...	...	...	...	...	01 07	02 09	07 09	...	...	...	36 07	33 03	24 03	33 01	...	...	...	...	...	...
Quetta ...	...	...	...	...	21 06	05 02	01 08	35 10	32 06	...	...	...	...	11 01	30 47	...	...	...	...	02 03	04 07	05 06	10 03	08 03	08 03	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	30 12	34 12	05 08	09 12	09 22	10 29	...	...	...	19 03	13 02	11 06	11 12	12 12	13 19	19 05	29 02	31 01	...	...	...	...	...	...	...	...
Veravel ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	14 06	15 09	14 09	13 12	12 10	13 11	11 22	11 19	21 19	16 24	06 15	05 27	05 68					
Karachi ...	28 12	29 09	01 06	06 14	06 20	06 29	07 22	07 22	07 21	09 26	10 27	vi 37	09 30	07 41	...	...	...	...
Peshawar ...		03 10	09 12	17 15	27 25	28 19	34 29	34 10	31 07	28 12	31 11	26 15	...	...	...	...	...	...
Quetta ...																		

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

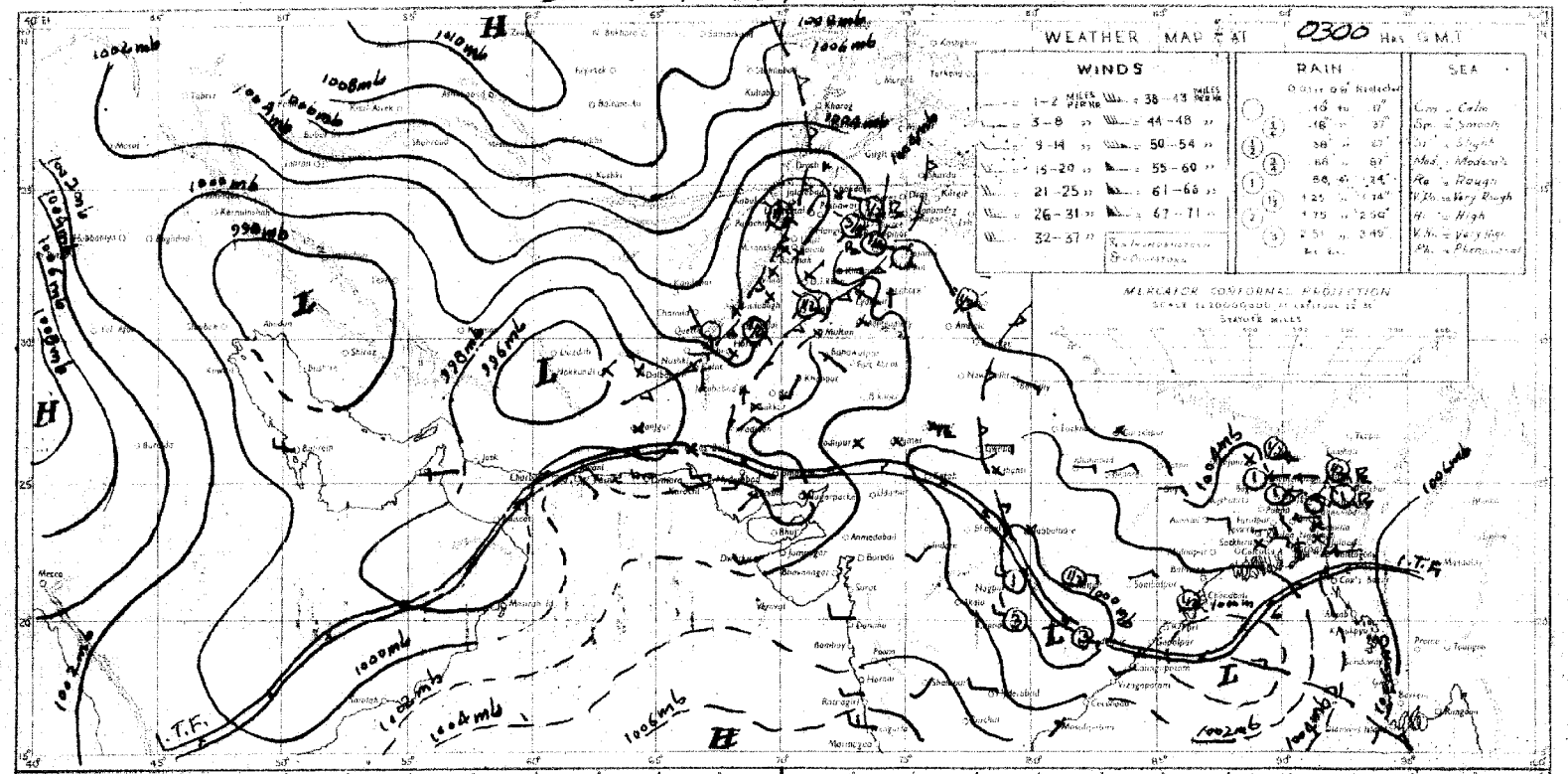
Cloud observation Data (GGIii Cddv, v, etc.)

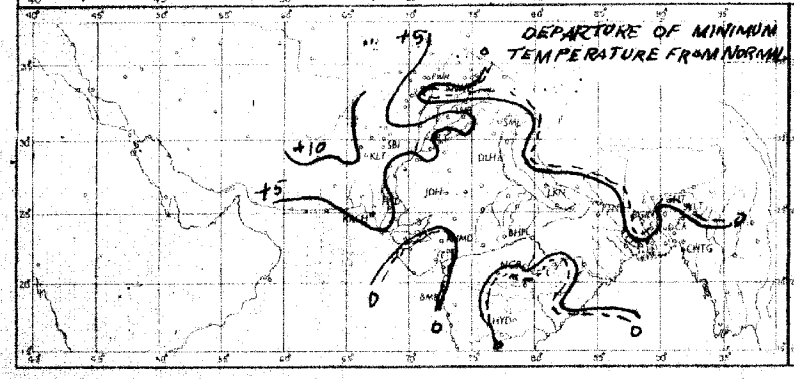
06 530 63 005

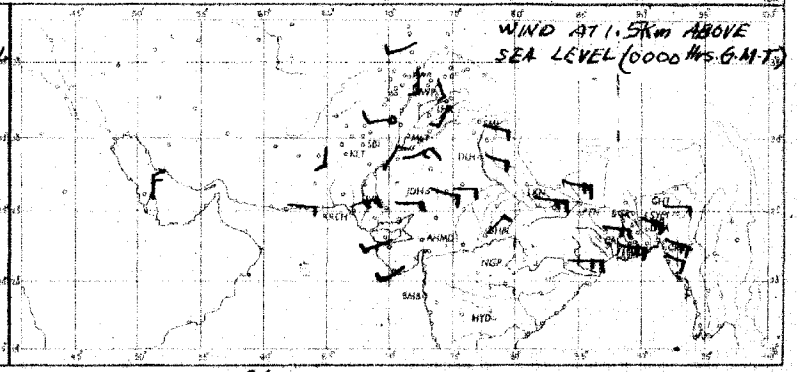
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

SATURDAY 22nd AUGUST, 1959.







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

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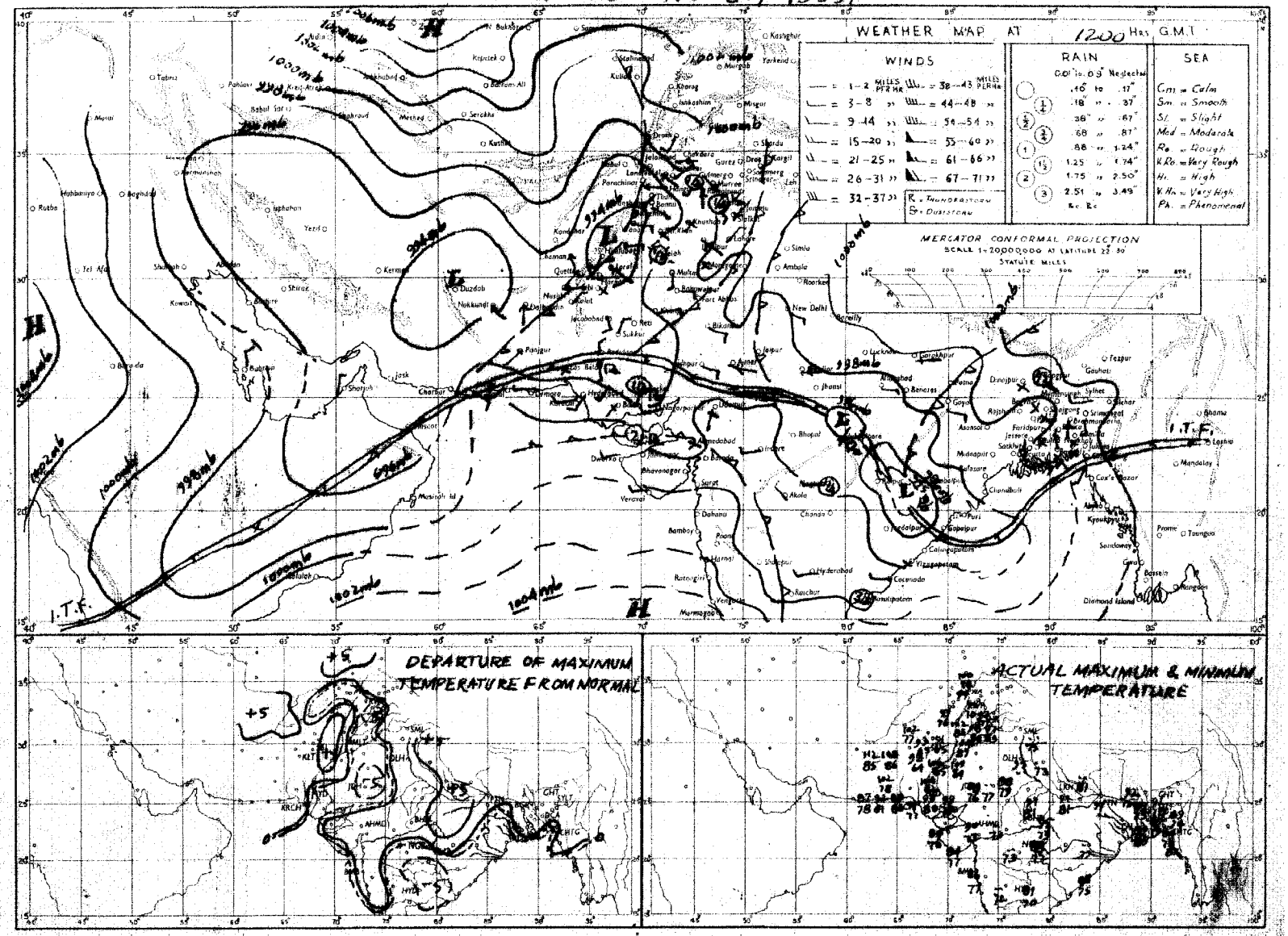
PAKISTAN DAILY WEATHER MAP

FRIDAY 21st AUGUST, 1959.



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

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PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 23rd AUGUST, 1959.

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

Yesterday's low over West Madhya Pradesh persists and is now well marked.
The trough of low over Hyderabad division is also becoming more marked.
Yesterday's low pressure wave over Peshawar division is now moving across D. I. Khan division.
Fairly widespread thunderstorms/showers have occurred in Rawalpindi divisions, local in Lahore, Multan, Peshawar and south Kalat divisions and scattered in Quetta division. Scattered duststorms have also occurred in D. I. Khan and north Kalat divisions.
The low over northwest Bay of Bengal persists.
Rain/thundershowers have been scattered in Chittagong and Rajshahi divisions.
Chief amounts of rainfall are:— Jhelum 3"; Lyallpur and Turbat 1" each; Cox's Bazar, Rawalpindi and Murree ½" each; Montgomery and Haripur ¼" each.
Day temperatures were 3—4°F above normal in Chittagong, Bahawalpur, north Kalat divisions and the Federal Capital Area and 3—6°F below normal in Lahore and Rawalpindi divisions.
Forecast valid until the evening of 24th August, 1959. Local thunderstorms/showers will occur in Lahore, Rawalpindi, Peshawar, Hyderabad divisions, the Federal Capital Area, Kashmir and East Pakistan and scattered elsewhere in West Pakistan.

Karachi-11
The 23rd August, 1959.

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

OBSERVATIONS

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)* PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level Pressure (mbs. and tenths)* PPP	Dry Bulb temperature TT	Amount of Lowest Cloud † Nh	Low Cloud Form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form† CH	Dewpoint temperature °F. TdTd	Minimum Temperature °F TnTn	Departure from Normal of: Maximum Temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 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	ML.
Chittagong	Cox's Bazar	022	5	6	16	03	96	02	9	029	80	2	5	6	1	8	78	88	041		6	16	05	97	03	1	043	83	3	5	6	6	4	79	76	+ 3	0	113.4	+25.3	97.6	140
	Chittagong	004	4	7	16	05	97	02	6	020	81	5	4	5	2	0	78	89	008	9	0	00	00	97	02	6	040	83	4	4	6	2	0	76	78	+ 3	+ 2	77.7	+17.4	110.8	108
	Maijdee Court	000	9	4	18	09	97	02	0	012	85	2	1	9	6	0	75	88	000	9	4	00	00	97	01	2	038	84	2	1	6	2	2	77	80	+ 3	+ 2	75.1	+12.0	107.8	115
	Comilla	000	0	5	00	00	96	03	0	012	87	5	2	5	0	0	77	91	000	0	4	00	00	97	03	2	031	82	4	4	7	0	0	78	78	+ 4	+ 2	44.0	— 3.7	70.0	94
	Brahmanbaria	000	0	5	23	02	97	03	1	007	87	2	4	5	0	5	79	91	000	0	5	00	00	97	03	1	038	83	2	5	5	0	8	77	79	—	—	39.4	— 2.0	60.4	76
	Sylhet	000	0	1	27	05	97	02	0	004	86	1	1	6	0	0	77	91	003	9	7	13	05	96	20	9	038	83	7	8	4	3	0	79	80	—	—	107.5	—	145.5	—
	Srimangal	000	0	3	00	00	96	03	1	000	89	3	3	5	0	0	79	92	012	9	7	00	00	96	03	9	043	85	5	4	6	0	2	77	78	+ 2	+ 2	52.9	+09.8	85.9	99
Dacca	Mymensingh	000	0	2	09	02	93	01	1	008	89	0	0	9	0	4	76	91	000	0	6	00	00	98	02	1	039	85	0	0	9	0	8	78	81	+ 4	+ 3	61.1	+16.3	83.2	91
	Narayanganj	000	9	7	18	02	97	03	1	006	88	1	5	5	0	8	77	91	000	9	7	11	03	97	03	1	034	83	3	4	4	0	8	78	82	+ 3	+ 3	39.8	+ 4.6	60.1	74
	Dacca (Tejgaon)	000	9	7	18	05	98	03	1	030	86	2	8	5	0	3	78	89	030	9	7	13	05	98	03	1	030	87	3	8	5	0	4	78	80	—	—	40.3	...	56.3	—
	Faridpur	000	9	4	16	02	97	03	0	004	86	1	5	7	1	0	79	88	000	9	3	16	02	97	03	0	038	86	3	5	8	0	0	77	80	+ 1	+ 1	38.3	+ 3.4	66.7	71
	Barisal	000	0	6	09	00	97	02	2	009	85	6	0	8	4	0	78	89	000	0	6	00	00	97	02	2	035	86	6	0	8	4	0	77	78	+ 2	0	60.8	+18.0	75.7	81
Rajshahi	Khulna	000	0	3	13	07	97	01	2	007	86	3	5	7	0	0	77	89	000	0	6	13	05	97	01	2	034	84	6	4	7	0	0	78	80	+ 1	+ 2	45.1	+ 8.9	60.0	68
	Satkhira	000	0	4	00	00	90	01	0	005	84	4	3	9	0	0	78	90	000	0	0	00	00	97	00	1	030	86	0	0	9	0	0	79	79	+ 2	+ 1	33.7	— 0.7	51.8	65
	Jessore	004	3	6	09	02	97	02	6	010	85	4	4	6	6	0	81	90	004	0	5	09	05	97	01	1	032	83	2	8	6	6	0	80	79	—	—	34.3	+ 1.2	70.1	65
	Sirajganj	000	0	0	00	00	98	00	0	999	86	0	0	9	0	0	86	89	000	0	6	00	00	97	03	1	022	87	6	1	9	0	4	84	82	+ 2	+ 3	45.3	+12.9	70.1	64
	Bogra	000	0	3	23	02	96	01	2	005	87	1	2	6	0	1	77	91	000	4	7	13	03	96	02	6	034	88	4	4	6	0	1	78	81	+ 2	+ 2	45.1	+ 9.8	64.1	88
	Dinajpur	000	8	4	00	00	96	01	1	998	89	2	0	9	1	9	78	92	000	8	4	00	00	96	02	0	036	87	4	0	9	2	0	79	80	+ 3	+ 2	28.0	—10.1	45.4	72
	Rangpur	003	0	4	13	02	96	01	2	xxx	90	4	5	6	0	0	79	92	000	0	3	27	02	96	01	2	xxx	87	1	5	6	2	0	79	80	+ 3	+ 3	41.2	— 2.4	61.1	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	001	8	8	13	03	96	02	5	033	83	1	1	8	1	6	75	93	000	9	8	13	03	96	02	1	030	81	7	7	4	2	x	77	78	— 4	0	19.6	+ 8.4	23.5	19
	Sialkot	020	7	1	00	00	98	01	6	999	87	1	2	6	x	x	73	88	..	..	.	..	..	..	..	..	..	..	..	..	.	..	..	..	..	— 6					32
Rawalpindi	Jhelum	015	8	3	00	00	97	01	7	995	89	2	1	7	3	0	77	91	267	4	8	13	05	97	17	9	030	78	3	3	5	2	x	76	77	—	—	31.2	—	41.7	—
	Rawalpindi	003	0	1	13	02	99	00	1	992	90	1	0	9	5	0	78	91	044	7	8	00	00	98	50	6	021	79	8	8	6	0	0	78	72	— 2	— 3	22.5	+ 4.9	35.5	36
	Khushab	003	8	0	07	02	99	00	0	000	95	0	0	9	0	0	77	97	030	0	5	09	05	96	03	1	024	83	5	2	6	0	0	77	81	— 2	0	12.7	+ 4.5	18.2	15
Multan	Lyallpur	000	0	4	11	02	96	03	2	988	97	0	0	9	3	0	78	98	115	4	7	13	02	95	03	6	017	81	7	7	8	0	0	78	78	+ 1	— 1	8.7	+ 1.7	11.5	12
	Montgomery	000	0	0	00	00	96	00	0	990	99	0	0	9	0	0	73	99	022	0	6	00	00	96	03	1	022	82	0	0	9	0	0	78	81	— 1	0	2.9	— 3.0	5.2	10
	Multan	000	0	2	00	00	97	02	0	974	02	2	2	6	0	0	79	04	000	0	6	16	07	97	03	0	997	90	0	0	9	3	3	79	88	+ 6	+ 6	4.1	— 0.3	6.2	7
Bahawalpur	Laiah	000	0	3	18	02	96	09	4	xxx	xx	7	5	9	5	1	75	98	000	0	0	18	03	97	00	0	998	86	0	0	9	0	0	79	83	—	—	3.9	—	5.8	8
	Khanpur	000	0	4	29	03	96	03	0	965	04	4	0	9	4	0	70	05	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	+ 2					6
	Bahawalpur	000	0	8	00	00	96	03	0	974	02	0	0	8	4	0	63	04	000	0	8	18	03	97	03	0	010	87	8	0	9	0	4	73	85	+ 4	5	4.7	+ 0.9	5.8	6
	Fort Abbas																																								4
Peshawar	Chakdara	000	0	1	23	03	98	01	1	99[illegible]	89	1	1	7	0	0	77	92	000	0	4	00	00	97	01	2	016	80	0	0	8	5	0	7[illegible]	76	—	—	5.2	—	20.8	—
	Peshawar	000	0	2	05	07	97	05	0	976	95	2	2	6	0	0	78	96	000	0	8	36	07	97	05	2	012	82	4	6	6	2	x	80	81	— 1	+ 4	4.5	+ 1.1	18.4	14
	Haripur	000	4	3	23	03	97	01	2	996	89	3	5	6	0	0	85	93	037	5	8	05	02	97	03	5	000	83	8	6	6	0	0	66	64	—	—	12.4	—	23.3	—
	Campbellpur	000	0	4	13	03	98	01	0	998	94	4	1	6	0	0	77	95	..		..	..	..		..		..		..	..	..	..	..		..	—					—
D. I. Khan	Bannu	003	0	3	11	01	99	03	0	962	00	3	1	6	0	0	73	01	000	0	0	00	00	98	00	0	999	88	0	0	9	0	0	76	84	—	—	10.0	—	16.9	11
	D. I. Khan	000	6	2	13	02	98	03	0	967	00	0	0	9	0	2	79	03	000	0	0	00	00	98	00	0	996	90	0	0	9	0	0	79	87	+ 3	+ 2	9.8	+ 5.4	13.5	10
Quetta	Sibi	000	0	0	23	02	99	00	0	967	06	0	0	9	0	0	69	09	000	0	0	13	05	99	00	0	001	93	0	0	9	0	0	73	85	—	—	2.4	—	2.7	5
Kalat	Nokkundi	000	1	1	23	02	97	02	1	920	02	0	0	9	2	0	59	13	000	0	0	02	02	97	00	1	958	91	0	0	9	0	0	63	89	—	—	0	—	1.1	2
	Turbat	000	0	0	23	02	96	00	0	968	07	0	0	9	0	0	77	11	097	0	0	27	02	95	00	0	006	84	0	0	9	0	0	76	xx	—	—	2.1	—	6.6	—
	Jiwani	000	0	1	18	09	97	02	1	987	85	1	5	5	0	0	76	88	000	0	5	00	00	96	01	1	019	81	2	5	5	0	1	75	80	—	—	0.1	—	5.7	4
	Pasni	000	0	3	23	16	97	00	0	982	88	3	5	7	0	0	83	90	001	0	8	18	02	97	00	0	016	82	8	5	7	0	0	81	78	+ 1	+ 3	0	— 0.9	2.5	6
	Ormara	000	0	5	23	09	98	02	1	977	90	5	2	6	0	0	76	95	000	0	6	27	03	98	02	1	011	87	6	2	5	0	0	78	82	—	—	0.4	— 0.7	2.1	6
	Las Bela	000	0	0	00	00	98	00	0	962	02	0	0	9	0	0	78	09	...	...	..	..	..	...	..	..	...	...	...	...	...	...	...	...	...	—	—				8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	25	18	97	02	1	987	87	2	6	4	0	1	80	90	000	0	6	25	09	97	03	2	014	83	2	6	4	0	9	78	82	+ 5	+ 4	6.5	+ 1.1	6.5	8
	Karachi (Air Port)	000	0	6	23	09	96	02	2	984	88	4	5	5	3	0	78	92	000	0	3	23	03	96	01	2	015	84	1	1	6	0	1	77	81	—	—	9.8	—	10.0	—
	Badin	000	0	6	00	00	96	02	2	958	90	6	0	9	0	7	71	92	000	2	8	23	02	95	03	2	003	82	0	8	7	0	0	78	80	—	—	4.6	— 1.1	4.6	9
	Nagarparkar	000	0	6	00	00	97	02	0	970	89	6	0	9	0	7	71	90	000	0	4	00	00	97	01	2	002	92	4	0	0	4	0	69	78	—	—	7.7	—	7.7	—
	Umarkot	000	0	6	20	05	98	00	0	978	92	6	4	6	0	0	79	94	000	0	4	20	02	98	00	0	008	93	2	1	6	6	1	79	79	—	—	11.6	—	12.4	—
	Hyderabad	000	0	4	23	12	96	07	0	984	88	4	5	6	0	0	73	92	000	0	2	00	00	97	01	0	007	83	0	0	9	0	1	75	81	—	+ 2	6.4	+ 1.3	7.1	7
Khairpur	Pad-i-dan	000	0	4	13	03	97	03	0	969	02	3	2	6	0	1	73	04	002	9	4	13	03	97	03	6	006	87	0	0	9	0	9	77	83	—	—	4.7	—	5.0	—
	Nawabshah	000	0	3	18	03	97	01	0	977	98	3	2	6	0	0	83	00	000	0	4	18	03	96	01	1	005	85	0	0	9	0	5	81	82	—	—	3.1	—	3.8	—
	Sukkur	000	8	4	02	05	96	03	1	964	01	4	0	9	5	0	77	04	000	9	4	20	02	96	01	1	003	90	0	0	9	0	8	79	85	—	—	1.1	—	2.1	4
	Kashmore	000	0	3	xx	06	99	00	0	967	01	3	0	8	0	0	72	02	000	0	0	18	04	99	00	0	011	90	0	0	9	0	0	79	87	—	—	0	—	0.1	—
	Jacobabad	000	0	2	19	03	96	03	0	982	02	2	2	7	0	0	82	05	000	0	5	13	03	96	02	0	004	89	3	0	9	1	0	85	87	0	+ 8	3.7	— 1.5	4.4	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								
Kashmir	Srinagar																																								28
	Gulmarg																																								—
	Sonamarg																																								71
	Dras																																								28
	Leh																																								3
	Skardu																																								6
	Misgar	—	—	—	—	—	..	..	—	..	..	—	—	—	..	..	—	—	000	0	0	00	00	98	00	0	092	63	0	0	9	0	0	17	56	—					—
	Alilabad																																								—
	Gilgit																																								5
Rawalpindi	Murree	003	6	6	27	03	97	02	6	446	68	6	3	3	0	0	67	70	051	2	9	13	02	90	49	6	459	65	9	0	x	x	x	64	60	0	+ 4	32.6	+ 4.8	37.9	59
Peshawar	Drosh	000	0	0	23	12	98	02	0	393	96	0	0	9	0	0	58	02	000	0	2	00	00	98	03	0	445	84	2	2	7	0	0	64	77	+ 8	+ 6	1.3	—	30.4	18
	Cherat	000	0	0	18	01	98	00	0	442	83	0	0	9	0	0	81	84	004	3	8	36	01	90	91	4	452	72	8	5	6	x	x	72	71	— 2	+ 2	6.3	— 1.4	16.3	29
	Kakul	000	4	6	13	05	97	17	9	441	78	6	3	5	0	3	71	84	000	9	8	05	03	95	10	2	448	74	8	3	2	x	x	71	69	—	—	36.1	—	45.8	—
	Landi Kotal	000	0	2	13	03	98	03	1	425	88	2	2	7	0	0	74	91	000	0	7	05	01	97	02	3	438	77	7	0	4	0	0	74	xx	—	—	2.5	—	17.5	—
D.I. Khan	Parachinar	000	0	2	09	02	99	00	0	797	84	0	0	9	1	0	65	xx	000	0	2	13	01	99	00	0	796	71	0	0	9	1	0	66	xx	—	—	11.8	—	25.8	29
	Miranshah	000	0	4	05	02	99	03	0	514	95	4	2	7	0	0	89	96	000	0	6	00	00	99	03	1	422	83	4	2	7	2	0	71	78	—	—	2.7	—	5.7	13
	Wana	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	000	0	0	20	02	99	00	0	454	78	0	0	9	0	0	64	73		—	—	—	—	—
Quetta	Fort Sandeman	000	2	7	18	03	98	03	9	440	84	3	4	6	4	0	66	94	006	0	0	00	00	98	02	0	454	78	0	0	9	0	0	67	74	— 3	+ 1	5.2	+ 0.9	13.9	11
	Hindubagh	000	2	2	07	03	98	00	0	356	91	0	0	9	0	2	69	91	000	0	0	00	00	98	00	0	417	72	0	0	9	0	0	56	71	—	—	2.4	—	10.5	—
	Loralai	000	0	3	09	02	98	02	1	440	78	0	0	9	2	0	69	88	000	0	2	27	02	98	02	1	440	71	0	0	9	0	3	65	65	—	—	6.2	..	12.1	—
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	4.5	— 1.5	8.7	14
	Quetta	000	0	0	36	02	98	02	0	451	02	0	0	9	0	0	46	03	000	0	0	18	02	96	00	0	435	76	0	0	9	0	0	67	67	—	—	2.9	+ 2.0	8.5	8
	Chaman	000	0	0	34	01	98	02	0	450	02	0	0	9	0	0	47	03	000	0	0	23	03	98	02	0	443	85	0	0	9	0	0	60	77	+ 6	+ 7	0.1	0	6.3	7
Kalat	Kalat	000	0	3	25	09	97	02	1	438	77	3	1	7	0	0	60	90	000	0	2	00	00	98	01	1	453	74	0	0	9	0	1	63	64	+ 2	+ 8	3.1	+ 2 0	8.0	9
	Nushki	000	0	6	18	19	97	03	0	474	08	5	8	7	2	1	80	11	000	0	0	00	00	98	02	0	471	92	0	0	9	0	0	74	86	—	—	0.4	—	2.2	—
	Dalbandin	000	8	5	05	02	96	03	1	410	07	3	1	9	0	0	52	10	000	9	2	23	02	94	06	3	429	86	0	0	9	0	1	66	84	+ 5	+ 15	0	— 0.3	2.1	5
	Panjgur	010	1	8	31	05	98	20	6	428	78	0	0	9	0	0	66	00	017	1	2	00	00	98	03	6	448	77	0	0	9	2	0	70	73	+ 2	— 3	1.4	—	3.0	4
Afghanistan	Kabul	000	0	0	32	02	99	00	0	459	90	0	0	9	0	0	67	95	000	0	3	06	00	99	00	0	495	67	0	0	9	0	0	43	54	—	—	—	—	—	12
	Kandahar																																								—

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

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 23rd AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L.L.L.	L.L.L. GG	N dd ff	VV ww W	PPP TT	N.C.hC.C.	D.V. a PP	8 N. Ch. h.	O T. T. T. T.	Id.d.PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
City of Khartum	73 244	595 00	8 13 00	98 02 2	998 83	00 9 0x	35 50 5	...	8 52 79	1 14 31
Mansoor	73 221	678 06	8 24 99	99 0x 0	04x 74	...	...	...	...	...
Mansoor	73 230	625 12	3 24 89	99 0x 0	04x 75	...	...	...	...	...

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	xxxxxxxxx	090 235 018	..	420 175 132	...	077 108 052	346 032 558	800 558 595	519 652 742	964 792	241 008	423 155	..
Jiwani ...														
Karachi ...	00 00	998 275 256	...	...	390 200 990	..	062 162 998	349 070 990	819 528 998	556 625 995	969 782	248 095	430 132	471 278
Lahore ...	00 00	978 262 252	...	..	442 185 185	...	096 105 105	357 018 995	801 572 995	505 680 990	..	...	...	...
Multan ...														
Peshawar ...	00 00	959 275 275	..	...	392 252 252	...	991 158 158	287 082 158	771 502 708	519 598 998	968 735	253 890	...	...
Quetta ...														

At Significant Levels

STATION	Time of ascent in G.M.T	PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 212 168	800 155 112	...	...	...	...	..	...	...	800 155 112	...	...
Jiwani ...													
Karachi ...	00 00			...	...	..	...	...	...	...	671 278 995	...	...
Lahore ...	00 00	905 220 210	800 168 155	..		...	...	...	...	...	800 168 155	...	...
Multan ...													
Peshawar ...	00 00	900 252 252	800 212 212	350 665 993	250 082 990	..	..	...	...	...	250 820 990		..
Quetta ...													

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

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

UPPER WIND DATA*

At 1200 hrs. G.M.T † of Previous day (dd ff) (columns 2–10); At 0000 hrs. G.M.T. † of date (dd ff) (columns 11–16)

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
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ...	17 07	18 07	18 07	15 13	12 15	11 15	09 20	08 20	08 17	20 10	22 13	...	...	..	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	17 05	14 06	13 07	08 10	04 12	06 14	...	...	...	25 15	32 13	09 10	14 11	12 10	08 09
Chittagong ...	...	...	...	...	..	...	...	...	...	12 09	11 06	11 06	08 07	18 10	10 08
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	18 05	18 03	18 02	07 03	10 04	10 12
Dacca ...	18 12	17 11	16 12	16 04	14 11	10 15	12 20	11 21	11 20	14 10	14 08	12 11	11 13	11 11	12 14
Dalbandin ...	..	...	27 01	35 03	35 07	12 02	01 10	03 07	36 10	...	...	27 10	19 11	24 09	30 09
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 13	19 12	25 22	21 40	30 27	...	...	...	24 04	22 03	21 03
Fort Sandeman ...	...	...	...	14 02	33 05	35 20	...	...	...	...	...	...	21 02	23 05	29 05
Jacobabad ...	16 07	15 04	09 05	06 09	05 13	01 31	...	...	...	20 19	21 15	19 05	19 03	05 07	08 09
Jessore ...	15 11	15 14	15 18	...	...	...	...	...	...	14 12	14 15	15 13	13 13	12 15	12 16
Jhelum ...	15 03	22 04	30 01	29 07	30 10	32 11	32 12	33 12	32 12	Raining	No	Ascent	...	...	...
Jiwani ...	17 08	15 05	15 03	03 07	08 14	05 29	...	...	...	06 01	...	...	...	...	...
Karachi ...	23 08	17 06	...	...	...	...	...	...	...	28 12	29 09	26 08	08 13	07 21	...
Khanpur ...	01 04	08 03	11 10	09 08	...	...	...	...	...	23 25	24 26	25 23	25 19	25 16	...
Lahore ...	12 11	11 11	19 05	31 06	32 11	31 13	33 03	32 08	30 08	17 10	20 17	19 15	18 07	01 07	02 09
Multan ...	26 06	15 06	14 08	13 06	07 05	02 10	01 09	01 17	36 12	19 12	23 13	22 12	23 09	24 03	05 06
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	14 03	36 03	...	...	...	...	...	...	...	15 02	31 05
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	26 10	23 06	15 06	11 12	12 17	11 19	10 23	10 19	10 18	...	...	...	...	...	...
Yazval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff) (columns 17–27)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	14 07	14 09	13 10	12 15	11 14	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	21 05	21 05	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	19 15	20 09	19 06	...	...	...	...	...	...	...	...
Dacca ...	15 06	14 06	13 07	11 11	11 14	10 13	...	...	...	...	...
Dalbandin ...	...	...	18 05	21 07	24 06	30 09	04 18	07 18	10 19	04 18	10 13
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 06	12 03	34 13	33 02	36 11	01 20	03 32
Fort Sandeman ...	...	...	...	21 02	2? 05	36 05	05 10	09 19	04 14	02 08	10 01
Jacobabad ...	19 02	16 02	08 01	05 04	03 08	05 17	06 03	07 05	08 09	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	12 15	12 23	12 20	13 16	13 13	...	...	...	...	...	...
Jiwani ...	11 03	08 06	04 07	03 08	05 12	03 21	07 28	09 27	07 19	...	...
Karachi ...	27 07	28 07	33 06	...	...	...	...	...	...	...	...
Khanpur ...	27 12	24 06	18 05	16 02	02 05	08 07	06 08	07 09	...	...	...
Lahore ...	10 05	01 01	28 03	24 05	20 06	31 05	...	...	...	...	...
Multan ...	20 11	20 12	19 11	23 09	22 08	25 05	17 03	04 03	05 73	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	01 04	03 06	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	18 03	35 12	03 12	06 19	06 21	04 13	07 10
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	19 07	23 04	30 03	...	...	...	...	...	...	...	...
Yazval ...	...	...	...	...	...	...	...	...	...	...	...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	15 06	14 05	14 07	13 06	13 06	12 13	11 13	10 14	10 10	09 13	11 20	11 16	10 19	09 18	09 23	09 30	...	...
Karachi ...	26 12	26 12	04 14	04 12	11 09	10 17	06 18	07 23	06 23	07 29	07 31	08 15	09 25	09 29	08 48	08 39	08 39	...
Peshawar ...		33 05	33 05	33 12	32 06	02 10	05 23	05 22	33 20	31 13	29 04	...		...	...		..	
Quetta ...																		

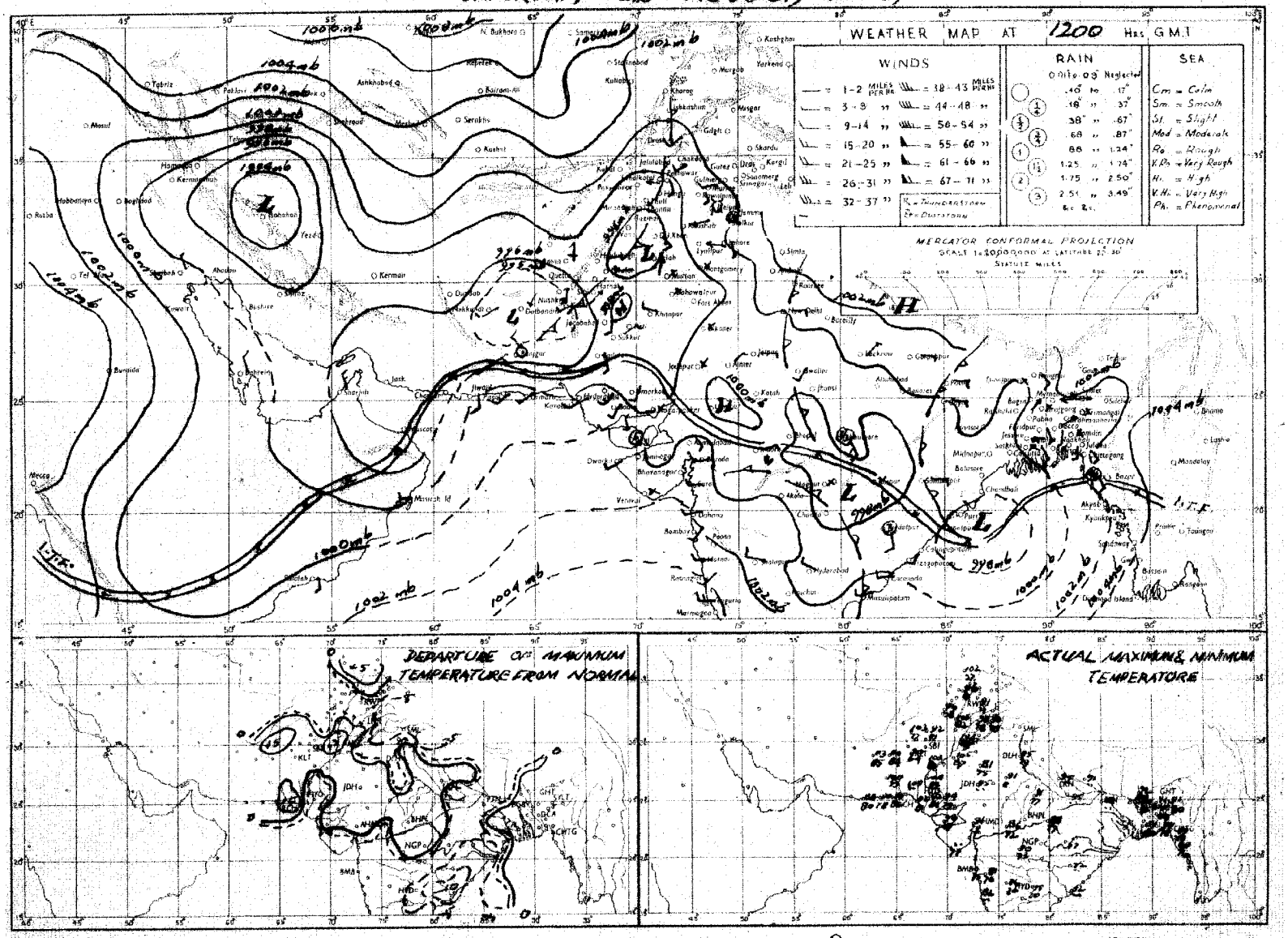
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv.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, 22nd AUGUST, 1959.



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

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PAKISTAN DAILY WEATHER MAP

SUNDAY, 23rd AUGUST, 1959.

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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

MONDAY THE 24th AUGUST, 1959.

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

Yesterday's low persists over Madhya Pradesh. The other low over northwest Bay of Bengal became unimportant.

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

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

A fresh low pressure wave is moving across Afghanistan.

The trough of low over Hyderabad division persists.

Widespread thunderstorms/showers have occurred in Multan division, fairly widespread in Rawalpindi division, local in Lahore division and scattered in Peshawar, Quetta and north Kalat divisions. Light rain/drizzle has also occurred in Khairpur and south Kalat divisions.

Chief amounts of rainfall are:— Rawalpindi 4"; Comilla 3"; Lyallpur 2"; Murree, Montgomery 1" each; Multan 3/4"; Faridpur, Satkhira ½" each and Narayanganj, Dacca, Sialkot ½" each.

Day temperatures were 9—14°F below normal in Lahore, Rawalpindi and adjoining Multan, Peshawar divisions, and 3—4 °F above normal in Kalat, Bahawalpur divisions, East Pakistan and the Federal Capital Area.

Forecast valid until the evening of 25th August, 1959. Fairly widespread rain/thundershowers will occur in Lahore, Rawalpindi, Peshawar divisions and Kashmir, local in Chittagong division and scattered in Dacca, Rajshahi, D. I. Khan, Multan, Quetta and Hyderabad divisions.

Karachi-11
The 24th August, 1959.

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

OBSERVATIONS

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

DIVISIONS	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	4	6	20	03	96	02	6	016	81	4	5	6	2	0	80	85
	Chittagong	003	2	7	20	05	97	02	6	010	82	4	2	5	2	0	79	87
	Maijdee Court	000	9	3	18	03	97	02	0	003	85	2	1	6	9	0	79	89
	Comilla	000	0	0	00	00	96	00	0	007	86	0	0	9	0	0	77	90
	Brahmanbaria	000	0	5	23	02	97	01	1	998	87	2	4	5	0	5	79	90
	Sylhet	000	8	6	27	05	96	02	5	991	86	4	5	6	7	1	79	89
	Srimangal	000	0	6	00	00	96	03	1	995	85	5	3	5	0	2	78	90
Dacca	Mymensingh	000	0	6	00	00	98	02	1	995	89	2	2	4	0	4	79	92
	Narayanganj	000	9	7	27	02	96	02	1	994	90	1	4	5	3	8	77	91
	Dacca (Tezgaon)	000	9	6	23	03	98	02	1	990	86	2	3	5	0	1	79	90
	Faridpur	000	9	5	00	00	98	03	0	001	88	2	5	8	1	0	78	90
	Barisal	015	4	7	18	01	97	03	5	997	85	7	0	8	4	0	81	90
Rajshahi	Khulna	000	0	3	00	00	97	01	1	001	86	3	4	7	0	0	79	91
	Satkhira	061	0	4	00	00	96	01	6	988	82	4	3	8	0	0	79	92
	Jessore	000	0	6	27	02	96	02	1	994	84	4	4	6	6	0	78	91
	Sirajganj	000	0	8	00	00	98	02	2	978	87	8	1	7	x	x	87	90
	Bogra	000	0	5	23	02	96	02	1	993	87	1	2	6	2	8	78	91
	Dinajpur	000	8	4	00	00	96	01	1	986	90	0	0	9	0	2	79	94
	Rangpur	000	0	3	27	02	96	0.	1	xxx	91	1	5	6	2	0	80	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	009	7	8	00	00	96	20	6	991	80	3	6	4	7	6	79	83
	Sialkot	029	6	6	00	00	98	02	6	985	83	6	4	6	0	0	77	84
Rawalpindi	Jhelum	003	8	8	13	02	97	02	9	992	83	4	5	6	7	x	77	83
	Rawalpindi	347	9	6	00	00	98	02	9	996	79	4	0	9	9	8	77	81
	Khushab	000	0	5	09	05	99	03	1	996	84	0	0	9	0	5	79	xx
Multan	Lyallpur	177	3	5	05	08	96	02	6	992	83	0	0	9	0	8	77	83
	Montgomery	000	0	6	13	03	96	01	0	987	87	6	3	3	0	0	77	90
	Multan	000	3	4	18	03	97	01	6	965	94	2	9	6	0	1	79	05
Bahawalpur	Leiah																	
	Khanpur	000	0	8	05	09	94	07	0	969	97	8	9	8	x	x	78	06
	Bahawalpur	000	4	8	13	02	96	03	2	976	88	8	0	8	4	x	77	04
	Fort Abbas	000	0	6	25	05	96	03	5	975	87	6	3	6	0	0	77	01
Peshawar	Chakdara	000	0	0	23	02	98	02	1	995	86	0	0	9	0	0	76	90
	Peshawar	000	0	2	36	07	98	02	1	975	90	2	3	5	0	0	77	93
	Haripur	000	0	0	23	02	97	00	0	961	86	0	0	9	0	0	76	94
	Campbellpur	002	7	4	09	05	98	01	6	005	86	4	0	9	4	0	78	86
D. I. Khan	Bannu	000	0	0	13	02	99	03	0	957	96	0	0	9	0	0	76	xx
	D. I. Khan	000	6	3	05	02	98	03	0	958	98	0	0	9	0	3	81	03
Quetta	Sibi	000	0	0	18	02	99	00	0	934	07	0	0	9	0	0	73	08
Kalat	Nokkundi	000	0	0	20	02	97	02	0	934	10	0	0	9	0	3	57	11
	Turbat	000	0	0	23	02	96	00	0	961	07	0	0	9	0	0	80	08
	Jiwani	000	0	3	25	12	97	03	0	988	87	3	6	4	0	0	75	91
	Pasni	000	0	4	23	16	97	02	1	979	89	4	5	7	0	0	85	93
	Ormara	000	0	6	23	07	98	02	1	978	89	6	0	9	2	0	76	98
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	25	10	97	02	1	998	87	4	6	4	0	0	81	89
	Karachi (Air Port)	000	0	7	23	09	96	01	1	984	87	2	5	6	0	4	77	90
	Badin	000	0	0	23	02	97	00	0	986	92	0	0	9	0	0	77	94
	Nagarparker	000	0	8	00	00	96	03	2	955	91	8	7	7	x	x	72	93
	Umarkot	000	0	7	23	05	98	02	0	970	94	7	0	9	1	0	77	96
	Hyderabad	000	0	6	00	00	97	03	0	986	92	0	0	9	0	8	73	96
Khairpur	Pad-i-dan	000	0	4	18	07	97	03	0	961	01	1	1	6	0	4	72	03
	Nawabshah	000	0	3	18	05	95	02	0	973	95	0	0	9	0	5	83	98
	Sukkur	000	8	6	29	03	96	03	1	951	01	6	0	9	6	0	82	05
	Kashmore	000	0	7	00	00	99	02	0	959	00	7	1	6	0	0	74	02
	Jacobabad	000	0	6	16	09	96	03	1	951	02	1	9	7	0	2	85	04
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	000	0	0	00	00	98	00	0	041	82	0	0	9	0	0	29	86
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	080	8	6	31	02	96	02	6	430	67	6	5	2	0	0	65	69
Peshawar	Drosh	000	0	0	23	12	98	02	0	380	96	0	0	9	0	0	60	04
	Cherat	007	4	1	36	01	98	02	6	436	77	1	2	6	0	0	76	77
	Kakul	001	7	5	20	03	98	01	6	424	80	1	2	6	4	2	69	81
	Landi Kotal	000	0	1	13	03	98	03	1	416	87	1	1	7	0	0	71	90
D.I. Khan	Parachinar	000	0	2	09	02	99	02	0	797	86	2	0	9	1	0	64	xx
	Miranshah	000	0	4	23	02	99	01	2	403	94	0	0	9	0	4	85	95
	Wana	000	0	3	10	00	98	50	3	434	86	4	2	8	0	0	67	95
	Fort Sandeman	000	0	5	09	07	99	01	0	417	92	3	2	6	2	0	67	96
Quetta	Hindubagh	000	0	0	07	03	98	02	0	367	94	0	0	9	0	0	69	94
	Loralai	000	0	2	13	02	98	02	1	459	89	0	0	9	0	3	65	90
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	2	00	00	96	02	0	407	94	2	0	8	3	0	65	95
	Chaman	000	0	0	36	02	98	02	0	399	02	0	0	9	0	0	36	04
Kalat	Kalat	000	0	4	36	05	97	03	1	391	89	4	7	7	0	0	65	91
	Nushki	000	0	0	31	11	98	02	0	472	06	0	0	9	0	0	78	11
	Dalbandin	000	8	1	23	05	95	05	0	407	07	1	1	8	0	0	55	08
	Panjgur	000	0	4	00	00	98	03	0	436	97	4	0	9	3	0	66	97
Afghanistan	Kabul																	
	Kandahar																	

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

STATIONS	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	006	7	7	20	02	97	02	6	027	80	5	4	6	1	4	77	77
Chittagong	003	9	7	11	11	97	02	6	026	83	4	4	5	2	0	77	78
Maijdee Court	000	9	6	00	00	97	03	1	022	85	2	2	6	2	0	78	81
Comilla	275	7	4	00	00	97	03	6	009	83	4	4	7	0	0	79	77
Brahmanbaria	004	0	4	00	00	97	03	1	021	85	2	4	5	2	0	79	79
Sylhet	000	3	8	09	02	96	21	6	021	81	6	5	5	2	x	79	78
Srimangal	000	9	7	00	00	96	03	9	022	84	5	4	5	2	x	78	79
Mymensingh	000	0	8	27	02	98	02	2	020	85	8	4	5	x	x	77	82
Narayanganj	033	5	7	00	00	97	03	6	019	87	5	5	5	2	1	81	79
Dacca (Tezgaon)	020	6	7	18	02	98	03	9	011	84	5	8	5	0	4	78	77
Faridpur	052	9	8	00	00	96	03	6	014	83	8	5	6	x	x	79	77
Barisal	015	4	3	00	00	97	03	0	018	88	3	0	8	6	0	77	79
Khulna	000	0	5	00	00	97	01	1	019	86	5	4	7	0	0	77	80
Satkhira	061	0	6	00	00	96	03	1	017	86	6	6	8	0	0	77	79
Jessore	000	0	6	13	01	97	01	1	016	84	4	8	6	6	0	78	79
Sirajganj	000	0	8	00	00	98	02	2	012	85	8	0	9	5	x	79	83
Bogra	000	0	5	23	02	96	02	1	010	86	3	5	6	7	0	79	81
Dinajpur	000	0	4	00	00	96	02	1	009	87	4	0	9	2	0	80	82
Rangpur	000	0	1	27	02	96	01	2	xxx	90	1	5	6	0	0	80	82
Jammu																	
Lahore (Jail Rd.)	009	9	5	03	00	96	01	1	023	81	3	3	6	8	2	79	79
Sialkot	029	3	2	00	00	98	01	1	014	84	2	0	9	3	0	77	75
Jhelum	003	6	4	31	02	97	01	2	023	82	1	5	7	7	0	76	77
Rawalpindi	340	0	7	00	00	96	03	1	017	79	4	5	6	6	0	75	75
Khushab	000	0	6	00	00	96	06	3	023	81	6	2	6	0	0	77	79
Lyallpur	177	9	6	00	00	96	02	9	026	80	6	3	8	0	0	76	[illegible]
Montgomery	997	0	6	00	00	96	02	6	023	82	6	3	7	0	0	79	80
Multan	080	5	6	39	03	97	91	9	004	86	3	6	5	3	1	81	[illegible]
Leiah	000	0	6	00	00	95	08	2	998	86	2	5	8	3	0	82	81
Khanpur	000	0	0	23	03	96	02	0	983	88	0	0	9	0	0	78	83
Bahawalpur	000	0	5	09	02	97	03	0	003	88	0	0	9	0	2	78	83
Fort Abbas	000	0	2	05	02	98	02	0	992	88	0	0	9	0	2	80	74
Chakdara	000	0	8	00	00	97	03	2	005	77	8	0	8	6	x	66	76
Peshawar	000	0	7	36	05	97	01	9	022	81	3	5	5	7	0	75	77
Haripur	000	0	3	23	03	99	43	1	006	83	0	0	9	0	7	71	xx
Campbellpur	002	8	7	00	00	97	03	1	044	80	7	0	9	9	0	76	76
Bannu	000	0	8	23	01	97	03	2	012	83	x	x	x	x	x	73	82
D. I. Khan	000	9	4	31	02	98	01	1	006	87	4	0	9	4	0	70	81
Sibi	000	9	6	00	00	98	03	1	997	90	0	0	9	0	1	74	85
Nokkundi	000	0	0	07	02	97	02	0	993	89	0	0	9	0	0	69	87
Turbat	000	0	6	27	02	95	03	1	013	85	6	0	9	6	0	78	xx
Jiwani	000	0	8	00	00	96	50	2	011	80	8	5	5	x	x	77	29
Pasni	009	0	6	05	02	97	02	5	007	81	6	0	9	7	0	78	76
Ormara	007	0	7	00	00	98	02	5	007	80	7	2	5	0	0	77	77
Las Bela																	
Karachi (Manora)	000	0	6	25	10	96	03	1	011	83	2	6	4	4	9	79	84
Karachi (Air Port)	000	0	6	27	10	97	02	1	008	84	4	6	5	3	0	76	82
Badin	000	2	8	23	02	95	03	2	018	82	8	8	8	x	x	78	81
Nagarparker	000	0	8	00	00	95	02	2	006	83	8	7	7	x	x	69	70
Umarkot	000	0	8	28	03	98	02	0	999	81	8	0	9	2	x	77	80
Hyderabad	000	0	3	00	00	98	01	0	006	83	0	0	9	0	1	76	80
Pad-i-dan	000	9	4	16	05	97	03	1	994	85	1	0	9	3	4	74	83
Nawabshah	000	0	7	18	01	96	03	1	996	85	7	0	9	2	0	81	81
Sukkur	000	9	6	16	02	96	02	5	991	85	6	0	9	6	0	76	82
Kashmore	000	0	4	27	04	49	02	1	991	88	4	1	8	0	0	76	64
Jacobabad	000	0	5	13	02	96	02	6	000	89	1	0	9	5	4	79	xx
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Aliabad																	
Gilgit																	
Murree	090	9	7	11	07	98	02	6	465	64	7	5	5	0	0	59	60
Drosh	000	9	1	00	00	98	01	0	451	83	1	1	7	0	0	67	74
Cherat	012	0	8	36	01	91	14	6	454	72	8	5	6	x	x	72	68
Kakul	001	9	7	00	00	97	03	1	460	74	7	4	6	0	0	70	71
Landi Kotal	000	0	7	05	01	97	02	3	446	75	7	6	4	0	0	69	xx
Parachinar	000	0	2	36	01	99	02	0	796	70	2	0	9	1	[illegible]	58	xx
Miranshah	000	0	8	05	02	98	03	1	428	79	6	2	6	2	x	73	76
Wana	000	0	3	18	03	97	20	6	344	78	3	0	9	4	0	67	73
Fort Sandeman	000	0	3	00	00	98	01	0	453	81	3	1	6	0	0	70	77
Hindubagh	000	2	6	09	03	96	03	0	404	75	5	0	9	2	3	60	74
Loralai	000	0	2	00	00	98	02	1	434	75	0	0	9	0	3	69	67
Harnai	010	0	[illegible]	09	01	96	00	6	xxx	xx	0	0	9	0	0	xx	xx
Quetta	000	0	0	18	02	95	00	0	439	76	0	0	9	0	0	67	69
Chaman	000	0	0	18	03	98	02	0	427	86	0	0	9	0	0	59	78
Kalat	000	0	4	00	00	97	01	1	420	74	4	0	9	3	0	59	64
Nushki	000	3	7	23	05	97	03	0	461	91	0	0	9	0	8	73	86
Dalbandin	000	9	4	31	02	95	05	9	419	87	0	0	9	0	4	61	85
Panjgur	000	0	8	00	00	98	03	5	441	82	0	0	9	6	x	72	76
Kabul																	
Kandahar																	

Departure from Normal of / Rainfall

STATIONS	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959, to date) (41)	Annual normal (42)
Cox's Bazar	0	+ 1	113.5	+25.5	117.6	140
Chittagong	+ 1	+ 2	77.7	+16.9	110.8	108
Maijdee Court	+ 4	+ 3	75.1	+11.[illegible]	106.9	115
Comilla	+ 3	+ 1	46.8	− 2.5	72.8	94
Brahmanbaria	—	—	34.5	— 2.3	60.4	74
Sylhet	—		107.5		145.5	—
Srimangal	0	+ 3	52.9	+ 9.3	85.9	98
Mymensingh	+ 5	+ 4	61.1	+15.7	83.2	91
Narayanganj	+ 3	0	40.1	+ 4.5	60.4	74
Dacca (Tezgaon)	—	—	40.5		54.5	—
Faridpur	+ 3	+ 2	38.8	+ 3.6	67.2	71
Barisal	+ 3	+ 1	60.9	17.4	75.8	81
Khulna	+ 3	+ 2	45.1	+ 7.4	65.9	68
Satkhira	+ 4	+ 1	34.3	0	52.5	65
Jessore	—	—	34.3	+ 0.9	70.1	68
Sirajganj	— 3	+ 4	45.3	+12.5	70.1	64
Bogra	+ 3	+ 3	45.1	+ 6.6	64.1	69
Dinajpur	+ 5	+ 4	28.0	−10.5	45.3	72
Rangpur	4	+ 5	41.2	— 2.9	61.1	84
Jammu						—
Lahore (Jail Rd.)	− 14	0	19.7	+ 8.4	23.5	19
Sialkot	− 10	− 3	35.4	+17.2	41.3	32
Jhelum	—	—	31.4	—	41.7	—
Rawalpindi	− 12	0	25.9	+ 8.0	38.9	36
Khushab	—	− 2	12.7	+ 4.[illegible]	18.2	15
Lyallpur	− 14	− 6	10.5	+ 3.4	13.3	12
Montgomery	− 10	− 1	3.9	− 2.1	6.1	10
Multan	+ 7	− 3	4.9	+ 0.7	7.0	7
Leiah	—	—	3.9	—	5.8	8
Khanpur	+ 3	+ 2	0.3	+ 4.1	1.2	6
Bahawalpur	+ 4	—	4.7	+ 0.8	5.8	6
Fort Abbas	—	—	3.3	—	3.7	4
Chakdara	—	—	5.2		20.8	—
Peshawar	− 4	0	4.5	+ 1.1	18.4	14
Haripur		—	12.4	—	23.3	—
Campbellpur	—	—	15.6	—	29.5	—
Bannu	—	—	10.0	—	16.9	11
D. I. Khan	+ 3	0	9.8	+ 5.4	13.5	10
Sibi	—	—	2.4	—	2.7	5
Nokkundi	—	—	0	—	1.1	2
Turbat	—	—	2.1	—	6.6	—
Jiwani	—	—	0.1	—	5.7	4
Pasni	+ 4	+ 1	0.1	− 0.8	2.7	6
Ormara	—	—	0.2	− 0.6	2.1	6
Las Bela						8
Karachi (Manora)	+ 4	+ 3	6.5	+ 1.1	6.5	8
Karachi (Air Port)	—	—	9.8		10.0	—
Badin	—	—	4.6	− 1.1	4.6	9
Nagarparker	—	—	7.7		7.7	—
Umarkot	—	—	11.6	—	12.4	—
Hyderabad	+ 1	+ 1	6.4	+ 1.2	7.1	7
Pad-i-dan	—	—	4.7	—	5.0	—
Nawabshah	—	—	3.1	—	3.8	—
Sukkur	—	—	1.1	—	2.1	4
Kashmore	—	—	0	—	0.1	—
Jacobabad	+ 1	+ 4	3.7	+ 1.6	4.4	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
HILL STATIONS						
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						26
Leh						3
Skardu						6
Misgar	—	—	—	—	—	—
Aliabad						—
Gilgit						5
Murree	− 1	+ 4	33.5	+ 5.4	58.8	59
Drosh	+ 7	+ 3	.3	—	30.4	18
Cherat	− 9	− 1	6.4	− 2.4	16.5	29
Kakul	—	—	36.1	—	45.8	—
Landi Kotal	—	—	2.5	—	17.5	—
Parachinar	—	—	11.8	—	25.8	29
Miranshah	—	—	2.7	—	5.7	13
Wana	—	—	4.3	—	13.3	-
Fort Sandeman	− 1	+ 4	5.2	+ 0.9	13.9	11
Hindubagh	—	—	2.4	—	10.5	—
Loralai	—	—	6.2	—	12.1	—
Harnai	—	—	2.6	− 3.5	8.8	14
Quetta	—		2.9	+ 2.0	8.5	8
Chaman	+ 7	+ 8	0.1	0	6.3	7
Kalat	+ 3	+ 8	3.1	+ 2.0	8.0	9
Nushki	—	—	0.4		3.2	—
Dalbandin	+ 3	+ 16	0	− 0.3	2.1	5
Panjgur	− 1	+ 6	1.4	—	3.0	4
Kabul						12
Kandahar						—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 24th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch h_s	O $T_sT_sT_dT_d$	$Id_wd_wPH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Alvelos	33 202	588 00	7 23 05	96 01 2	940 72	63 5 10	15 40 0	...	0 00 72	1 22 x2
Esso Minehwarser	13 223	599 06	8 10 05	97 02 1	021 72	80 9 7x	85 21 5	...	0 02 67	1 10 20
City of Khartoum	13 232	626 06	4 00 00	97 03 0	019 80	50 9 75	35 60 3	...	0 51 77	1 17 20
Ryuhomaru	13 203	645 06	8 21 10	95 25 2	035 81	88 4 xx	74 21 0	...	0 00 75	
Alvelos	13 215	595 06	7 00 00	97 01 2	967 77	42 3 60	15 21 3	...	0 01 75	1 18 x2
Isomaria	13 192	633 06	7 23 15	97 16 8	030 79	77 3 00	76 20 3	...	0 52 75	1 23 21
Isomaria	13 198	628 09	5 24 08	97 01 2	011 81	57 3 00	76 71 9	...	0 51 73	1 24 21
Caltex Rotterdam	13 142	498 12	1 23 21	98 01 0	995 75	00 9 08		...	0 02 73	1 00 x0
City of Khartoum	13 228	638 12	6 19 10	97 03 0	988 80	21 8 48	35 40 0	...	0 52 76	1 19 30
Ayuhomaru	13 220.	624 18	5 23 08	97 01 1	020 81	46 4 30	74 21 0	...	0 02 75	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb (HHHTTT TdTdTd)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb (HHHTTT)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	000 295 255	...	..	420 280 130	...	081 182 028	349 035 532	803 562 585	522 645 999	965 778	244 985	428 120	672 228
Jiwani ...														
Karachi ...	00 00	998 288 252	003 xxxxxx	...	420 198 999	..	088 165 999	374 040 999	840 525 999	575 645 999	971 765	251 995	449 120	689 235
Lahore ...	00 00	...	Misda	..	...	...	...	..	...	...	..	...	...	...
Multan ...														
Peshawar ...														
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 232 172	800 170 160	563 000 540	370 675 738	...	...	..	...	...	370 675 738	...	...
Jiwani ...													
Karachi ...	00 00	..	...	...	...	...	...	...	...	...	100 235 999	...	...
Lahore ...	00 00	...	Misda	..	...	...	...	...	...	...	..	...	...
Multan ...													
Peshawar ...													
Quetta ...													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l. → STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
	2	3	4	5	6	7	8	9	10
Bogra	22 08	22 06	19 04	13 07	12 09	11 12	09 14	10 17	09 14
Chaklala	...	...	...	...	...	...	...	...	...
Chhor	23 08	21 09	18 07	19 05	09 06	05 10	...	...	...
Chittagong	22 08	...	...	..	..	...	...	...	...
Cox's Bazar	No	Ascent	...	...	..	...	...	...	...
Dacca	20 04	15 04	16 07	10 07	10 13	11 13	10 20	10 17	10 14
Dalbandin	..	...	19 03	22 07	27 08	04 16	05 10	03 10	06 17
D. I. Khan	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	22 17	18 12	24 26	26 31	26 38
Fort Sandeman	...	...	...	11 07	08 06	32 11	02 22	07 19	...
Jacobabad	18 06	19 07	19 07	09 06	05 07	03 10	36 42	...	...
Jessore	21 10	18 06	16 07	...	...	...	...	...	...
Jhelum	18 15	14 17	11 20	10 10	34 13	02 20	01 15	01 20	01 25
Jiwani	17 09	12 07	12 07	04 05	45 15	06 27	...	...	...
Karachi	22 11	21 09	16 04	11 07	08 13	...	...	...	...
Khanpur	18 08	18 06	15 05	16 06	09 10	03 07	...	..	...
Lahore	09 06	10 10	11 07	13 06	...	...	...	...	...
Multan	17 14	13 17	11 18	10 11	33 11	02 15	02 08	03 25	03 22
Muscat	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...
Peshawar	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	32 13	33 09	01 17	03 22	03 20
Sharjah	...	...	...	...	...	...	...	...	...
Sylhet	27 09	28 07	30 04	07 05	12 07	11 09	09 17	09 17	09 17
Veraval	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

STATION	0.3	0.6	0.9	1.5	2.1	3.0
	11	12	13	14	15	16
Bogra	24 09	24 07	22 05	09 07	11 08	10 12
Chaklala	...	...	...	...	...	...
Chhor	25 16	25 17	21 12	15 05	04 06	07 14
Chittagong	26 03	28 06	30 05	02 04	04 06	07 04
Cox's Bazar	35 06	34 06	33 06	36 07	03 02	...
Dacca	15 06	13 06	07 06	07 05	13 07	14 07
Dalbandin	...	..	19 09	23 06	26 11	34 06
D. I. Khan	...	...	...	...	...	...
Drosh	...	...	...	24 04	21 09	18 12
Fort Sandeman	...	...	...	22 04	24 04	14 03
Jacobabad	15 17	18 08	16 05	19 04	20 02	03 09
Jessore	14 03	13 03	11 04	12 06	...	..
Jhelum	03 04	12 04	14 06	13 09	11 07	...
Jiwani	26 07	27 05	...	...	...	...
Karachi	25 10	26 09	25 08	07 05	07 09	...
Khanpur	27 12	27 15	26 13	24 06	18 03	07 15
Lahore	09 12	15 13	18 11	22 06	20 03	04 15
Multan	03 06	04 03	34 03	36 03	03 04	09 06
Muscat	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...
Peshawar	...	...	...	...	...	...
Quetta	...	...	...	...	17 07	32 10
Sharjah	...	...	...	...	...	...
Sylhet	16 04	23 04	...	...	...	...
Veraval	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	17	18	19	20	21	22	23	24	25	26	27
Bogra	13 04	12 03	12 05	11 12	10 13	08 12	...	...	...	...	...
Chaklala	...	...	..	..	...	..	...	...	...	...	...
Chhor	...	...	...	..	..	...	...	...	..	...	...
Chittagong	19 01	12 01	06 03	...	...	..	..	...	...	...	..
Cox's Bazar	16 06	17 03	..	...	...	...	...	...	...	...	...
Dacca	14 05	14 05	13 08	xx xx	10 17	10 09	...	...	...	...	...
Dalbandin	...	...	16 02	20 08	19 07	02 06	01 05	08 24	09 30	08 15	07 23
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	22 09	21 08	31 03	05 01	33 03	36 05	31 17
Fort Sandeman	...	...	...	09 01	02 03	05 09	...	...	...	...	...
Jacobabad	15 01	04 03	04 02	06 04	08 09	...	...	...	...	...	...
Jessore	16 05	14 06	14 10	11 10	11 10	09 10	11 08	xx xx	xx xx	07 10	..
Jhelum	28 02	10 13	07 04	12 04	11 06	36 05	02 04	01 11	35 12	...	...
Jiwani	18 07	13 04	08 06	06 12	05 16	04 17	..	...	..	...	...
Karachi	26 12	26 11	28 06	35 01	...	...	...	...	...	..	...
Khanpur	32 02	03 04	04 06	07 12	05 15	05 15	04 11	08 12	08 12	...	...
Lahore	33 03	33 01	19 01	...	...	...	...	...	...	...	..
Multan	06 10	04 09	04 08	05 08	04 07	03 07	xx xx	16 02	15 06	18 12	...
Muscat	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	..	...	...
Peshawar	...	...	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	18 02	01 09	06 05	06 04	07 03	08 03	01 01
Sharjah	...	...	...	...	...	...	...	...	...	...	...
Sylhet	16 04	11 04	09 07	08 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. → STATION.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	14.0
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	16 04	11 03	08 05	10 03	14 08	13 05	13 08	12 12	10 14	09 15	07 18	06 21	05 17	06 25	07 35	07 26	...	..
Karachi ...	26 17	25 13	25 09	25 05	07 07	06 16	07 23	07 21	09 22	07 22	08 27	07 21	05 27	06 38	04 39	56 45	...	..
Peshawar ...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	..	..
Quetta ...																		

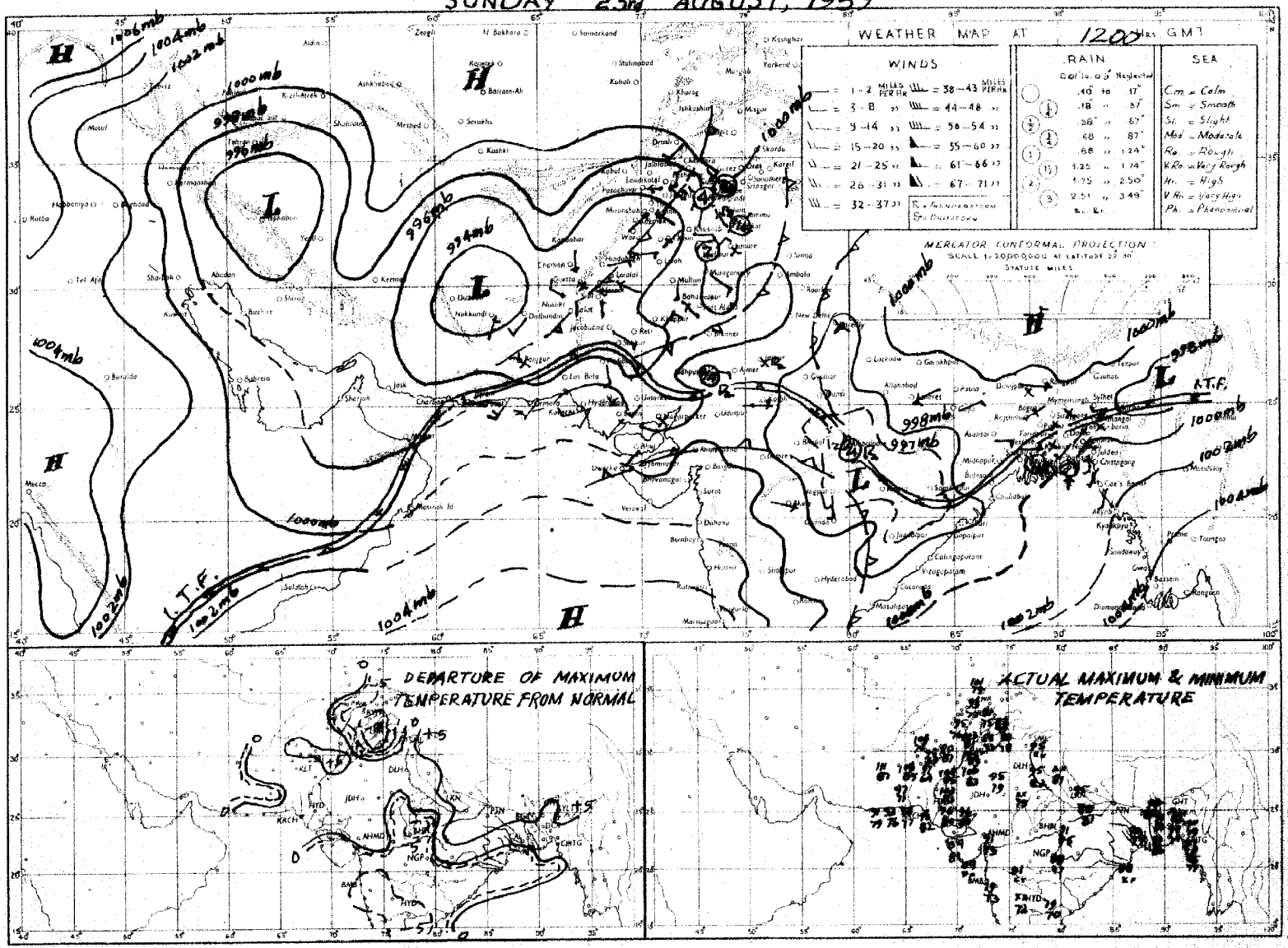
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv,v,etc.)

05 715 305 16

PAKISTAN DAILY WEATHER MAP

SUNDAY 23rd AUGUST, 1959



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

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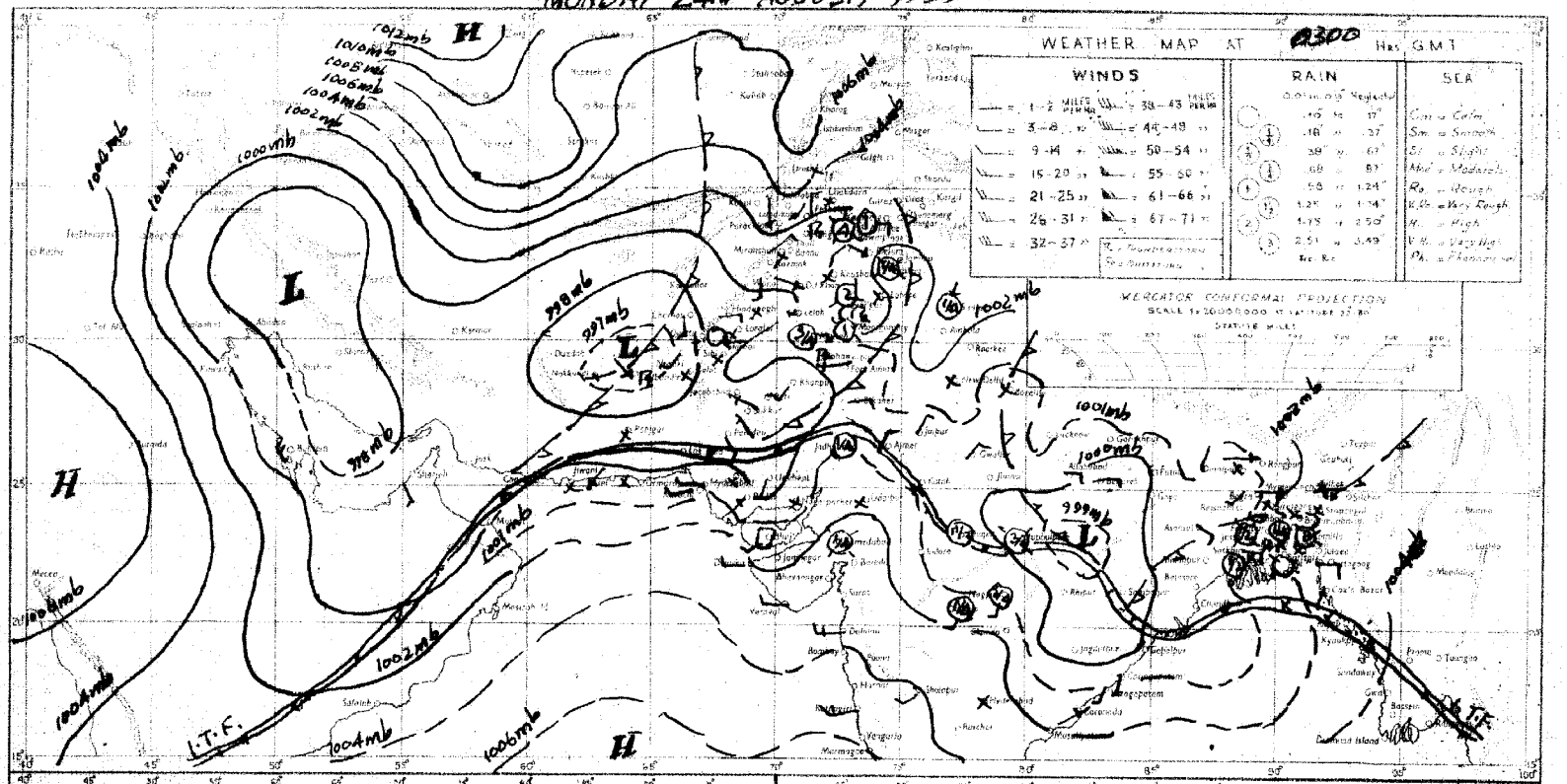
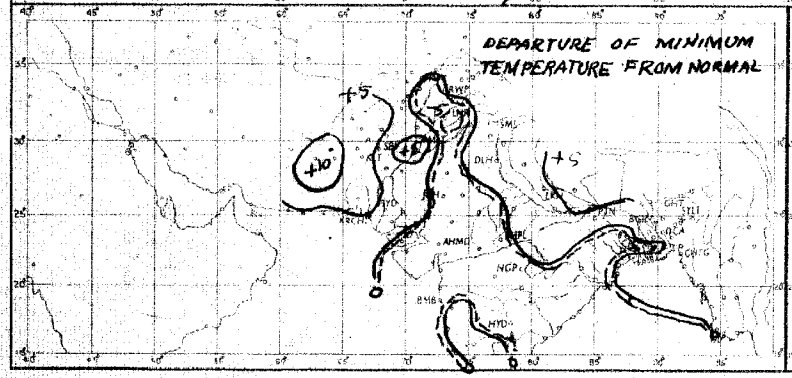
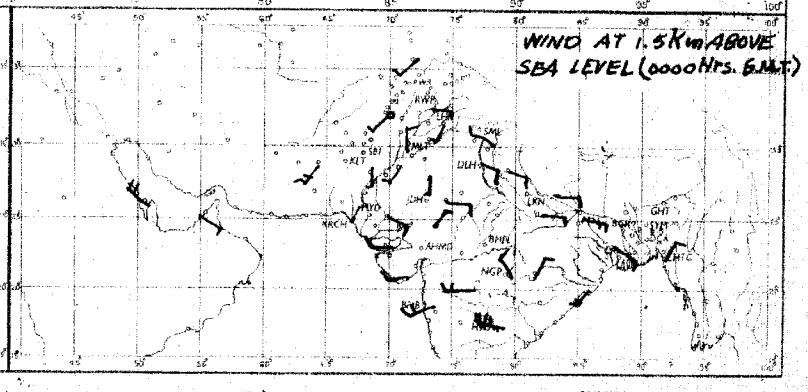
PAKISTAN DAILY WEATHER MAP

MONDAY 24th AUGUST, 1959







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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

TUESDAY THE 25th AUGUST, 1959.

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

Yesterday's low over Madhya Pradesh has weakened and remained practically stationary.
Conditions are becoming unsettled in westcentral and adjoining north Bay of Bengal.
Rain/thundershowers have been widespread in Dacca division, fairly widespread in Chittagong division and local in Rajshahi division.
A shallow low lies over Khairpur division and adjoining areas.
The low pressure wave over Afghanistan is now moving across Rawalpindi division and neighbourhood while a fresh one is passing across Afghanistan.
Local rain/thundershowers have occurred in Quetta and Khairpur divisions and scattered in Lahore, Bahawalpur, Peshawar, north Kalat and Hyderadad divisions.
Chief amounts of rainfall are:— Comilla and Cherat 4" each; Narayanganj and Rangpur 3" each; Dacca, Sirajganj and Bogra 2" each; Mymensingh 1"; Brahmanbaria, Faridpur, Kalat and Nagarparkar 3/4" each; Barisal, Hindubagh and Loralai ½" each and Maijdee Court, Srimangal, Rajshahi and Dinajpur ¼" each.
Day temperatures were 4—6°F below normal in Peshawar and Multan divisions and 3—5 °F above normal in north Kalat division and in East Pakistan.
Forecast valid until the evening of 26th August, 1959. Local rain/thundershowers will occur in Peshawar, Rawalpindi, D. I. Khan and Quetta divisions, in Kashmir and in East Pakistan. Thunderstorms/showers will be scattered elsewhere over West Pakistan outside south Kalat division and the Federal Capital Area.

Karachi-11
The 25th August, 1959.

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

OBSERVATIONS

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

Divisions	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	1	6	20	05	96	03	6	000	81	4	5	6	5	2	78	87
	Chittagong	000	0	8	18	09	97	03	2	998	82	6	4	5	2	x	75	87
	Maijdee Court	000	9	4	13	05	96	02	0	983	85	2	4	7	6	0	79	90
	Comilla	000	0	7	00	00	96	03	0	982	88	7	4	5	0	0	80	91
	Brahmanbaria	000	0	3	00	00	97	03	1	979	89	1	5	5	0	5	80	91
	Sylhet	000	0	3	00	00	96	01	2	977	87	1	1	6	0	1	80	89
	Srimangal	000	0	4	00	00	96	03	1	999	87	3	3	5	0		79	92
Dacca	Mymensingh	000	0	4	00	00	98	02	1	983	90	2	2	5	0	4	83	91
	Narayanganj	000	9	7	27	02	96	03	1	976	88	3	4	5	0	8	78	91
	Dacca (Tezgaon)	000	9	7	23	03	98	02	2	975	87	2	2	5	0	1	79	89
	Faridpur	000	9	3	00	00	97	03	0	011	88	1	5	8	1	0	78	90
	Barisal	051	4	4	18	01	97	03	6	983	83	3	0	8	4	2	79	90
Rajshahi	Khulna	000	0	4	00	00	97	01	2	979	85	4	5	7	0	0	78	90
	Satkhira	000	0	4	00	00	96	01	2	984	86	4	3	7	0	0	76	92
	Jessore	000	0	3	18	02	97	01	1	990	84	3	4	6	0	0	79	92
	Sirajganj	030	0	8	00	00	98	02	2	978	87	0	0	9	0	4	79	90
	Bogra	000	0	7	00	00	96	02	2	979	87	1	2	6	2	1	79	92
	Dinajpur	000	9	8	00	00	96	02	2	987	90	8	4	7	x	x	82	95
	Rangpur	105	1	8	27	02	96	65	2	xxx	80	8	5	6	x	x	80	95
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	4	00	00	96	20	1	958	94	3	2	6	0	4	79	95
	Sialkot	000	0	1	00	00	98	01	0	951	90	1	1	6	0	0	79	95
Rawalpindi	Jhelum	000	7	3	13	02	98	03	1	951	89	1	1	7	0	6	76	95
	Rawalpindi	000	0	2	00	01	99	01	1	955	92	0	0	9	0	4	77	93
	Khushab	000	0	3	13	02	96	50	5	948	96	3	0	9	7	0	78	97
Multan	Lyallpur	000	0	6	07	02	96	02	1	951	78	6	3	8	0	0	78	98
	Montgomery	000	0	0	00	00	96	00	0	964	95	0	0	9	0	0	78	96
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	Leiah	000	0	8	06	03	99	03	2	948	94	6	6	7	0	8	77	00
	Khanpur	000	0	8	18	02	94	07	0	974	85	8	8	7	x	x	78	92
	Bahawalpur	053	4	8	00	00	96	80	2	973	82	8	4	7	x	x	79	01
	Fort Abbas	000	0	2	13	02	98	02	0	xxx	00	0	0	9	0	2	72	04
Peshawar	Chakdara	000	0	0	23	02	98	02	1	958	92	0	0	9	0	0	80	92
	Peshawar	000	1	6	05	03	97	01	1	947	93	1	1	6	0	1	76	93
	Haripur	...	...				...	...					...					
	Campbellpur	000	0	0	13	02	98	00	0	960	93	0	0	9	0	0	77	84
D. I. Khan	Bannu	000	0	2	11	01	99	01	0	946	96	2	1	6	0	0	75	01
	D. I. Khan	000	3	3	00	00	98	03	0	947	95	0	0	9	0	3	80	98
Quetta	Sibi	000	2	6	09	02	98	03	1	940	07	6	0	9	3	0	72	08
Kalat	Nokkundi	000	0	0	34	02	97	02	0	895	10	0	0	9	0	0	33	12
	Turbat	000	0	0	27	02	96	00	0	956	04	0	0	9	0	0	88	04
	Jiwani	000	8	4	18	10	96	01	5	986	84	3	5	5	3	0	75	89
	Pasni	000	0	4	13	16	97	02	1	978	89	2	5	7	7	0	84	89
	Ormara	030	0	4	23	07	96	01	1	977	89	4	2	6	0	(	76	92
	Las Bela	000	0	0	04	04	98	00	0	950	97	0	0	9	0	0	82	07
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	10	97	03	1	984	88	5	0	9	4	4	81	90
	Karachi (Air Port)	000	0	6	23	10	96	02	2	983	87	1	5	6	3	1	71	89
	Badin	000	0	0	23	02	97	00	0	984	90	0	0	9	0	0	74	91
	Nagarparker	000	0	6	23	02	96	01	2	958	91	6	6	7	0	0	71	94
	Umarkot	000	0	7	20	03	98	02	1	977	87	x	0	9	5	0	78	90
	Hyderabad	000	0	8	23	02	97	03	1	973	93	1	5	6	2	3	73	96
Khairpur	Pad-i-dan	000	8	7	13	07	97	03	1	961	93	3	3	6	2	0	73	03
	Nawabshah	000	0	6	18	07	96	03	1	970	94	2	1	6	2	0	89	99
	Sukkur	000	8	8	13	03	96	03	2	969	92	8	0	9	x	x	76	01
	Kashmore	000	0	8	13	14	99	02	0	976	82	8	1	4	x	x	73	02
	Jacobabad	000	0	7	09	09	96	17	2	959	97	3	9	6	2	0	80	02
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Atlabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	6	05	02	98	02	1	416	70	6	3	3	0	0	65	72
Peshawar	Drosh	000	0	0	23	13	98	02	0	363	96	0	0	9	0	0	50	01
	Cherat	032	8	1	10	08	98	01	6	456	79	1	2	6	0	0	78	80
	Kakul	000	8	3	13	07	98	01	1	407	82	3	4	6	0	0	70	85
	Landi Kotal	000	0	1	05	03	99	01	1	396	88	1	1	7	0	0	74	91
D.I. Khan	Parachinar	000	0	3	13	02	99	02	0	795	82	1	0	9	2	1	67	xx
	Miranshah	000	0	4	00	00	99	01	2	379	90	4	0	8	4	0	73	92
	Wana	...	...	...	...	...	...	...	...			...	...	...	...	...	...	...
Quetta	Fort Sandeman	000	4	5	09	03	98	02	9	408	91	3	2	6	2	0	58	92
	Hindubagh	053	2	7	27	03	94	02	6	349	76	6	0	9	3	4	59	76
	Loralai	054	3	5	00	00	98	02	6	459	76	5	0	9	2	0	67	89
	Harnai	000	5	7	09	01	98	02	9	xxx	xx	6	9	5	3	0	xx	xx
	Quetta	000	3	7	07	18	97	17	9	397	80	7	3	5	0	0	75	95
	Chaman	000	0	0	27	02	98	02	0	399	01	0	0	9	0	0	46	02
Kalat	Kalat	010	1	7	18	07	97	63	2	428	66	7	7	6	0	0	60	90
	Nushki	000	0	7	27	09	97	03	0	474	06	6	8	6	0	8	79	07
	Dalbandin	000	8	3	23	09	96	03	1	392	05	1	1	7	0	1	55	08
	Panjgur	000	0	3	23	03	98	03	0	428	95	3	0	9	4	0	64	96
Afghanistan	Kabul	000	0	0	18	03	99	00	0	437	89	0	0	9	0	0	56	95
	Kandahar																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	000	0	5	16	05	97	02	1	024	84	1	3	7	6	2	75	76	+ 2	0	97.6	+ 7.9	113.5	140
Chittagong	015	9	4	13	02	97	02	9	027	85	3	2	5	1	0	72	77	+ 1	+ 1	77.9	+16.4	110.9	108
Maijdee Court	035	9	5	18	02	97	01	6	027	84	2	2	6	8	0	76	78	+ 5	0	75.4	+10.8	107.3	115
Comilla	450	9	0	00	00	98	00	6	024	89	0	0	4	0	0	73	74	+ 4	− 2	51.3	+ 2.4	77.3	94
Brahmanbaria	088	0	2	13	02	97	01	6	029	83	2	5	5	0	0	77	75	−	−	35.3	− 1.7	61.3	76
Sylhet	000	0	3	09	02	97	02	9	028	86	3	4	5	0	0	77	77		−	107.5	−	145.5	—
Srimangal	032	9	5	00	00	97	02	9	031	85	5	4	5	0	0	75	75	+ 2	− 1	53.3	+ 9.1	86.2	98
Mymensingh	096	9	4	13	02	98	02	9	031	84	4	2	5	0	0	78	75	+ 4	− 3	67.1	+16.1	84.2	91
Narayanganj	274	9	3	09	05	97	03	6	021	85	3	4	4	0	0	78	76	+ 3	− 3	42.8	+ 6.8	63.1	74
Dacca (Tezgaon)	185	9	7	13	07	98	03	9	020	84	6	4	4	3	0	78	76			42.4	−	58.3	—
Faridpur	070	9	4	16	02	97	03	6	019	84	4	5	6	0	0	78	77	+ 3	− 2	39.5	+ 3.9	67.9	71
Barisal	061	4	5	00	00	97	03	6	017	87	3	6	6	4	0	79	81	+ 3	+ 2	61.6	− 17.8	76.4	81
Khulna	000	0	6	13	02	97	01	2	022	86	6	4	7	0	0	76	80	+ 2	+ 2	45.1	+ 6.9	65.9	68
Satkhira	000	0	6	00	00	96	03	1	019	83	6	6	8	0	0	76	80	+ 4	+ 2	34.3	− 0.9	52.5	65
Jessore	004	0	5	13	03	97	01	5	016	85	5	8	6	0	0	79	80	−	−	34.3	+ 0.6	70.1	65
Sirajganj	224	8	8	09	02	98	03	6	017	84	6	2	5	2	x	78	76	+ 3	− 3	47.5	+14.3	72.3	64
Bogra	197	7	6	11	05	96	01	9	027	83	6	4	6	0	0	77	74	+ 4	− 4	47.0	+10.8	66.1	69
Dinajpur	032	3	3	00	00	96	01	6	017	82	3	0	9	2	0	76	75	+ 6	− 3	28.3	−10.6	45.7	72
Rangpur	275	0	1	05	02	96	01	6	xxx	82	1	5	6	0	0	77	74	+ 6	− 3	44.0	− 0.6	63.9	84
Jammu																							—
Lahore (Jail Rd.)	000	3	6	00	01	96	03	9	999	86	5	8	8	8	0	81	81	− 2	+ 3	19.7	+ 8.2	23.5	19
Sialkot	000	0	2	00	00	98	01	1	001	89	2	1	6	0	0	79	82	+ 1	+ 4	35.4	+16.9	41.3	32
Jhelum	000	9	4	00	00	97	03	0	993	86	4	2	5	0	0	79	80	−	−	31.4	—	41.7	—
Rawalpindi	000	0	4	00	00	99	01	1	996	84	2	0	9	8	8	79	78	0	+ 3	25.9	+ 7.7	38.9	36
Khushab	000	0	3	00	00	96	03	1	009	88	2	3	6	0	0	79	78	− 2	− 3	12.7	+ 4.2	18.2	15
Lyallpur	000	0	0	00	00	96	00	0	980	85	0	0	9	0	0	81	80	− 4	+ 1	10.5	+ 3.3	13.3	12
Montgomery	000	0	0	00	00	96	00	0	998	87	0	0	9	0	0	80	81	− 4	0	3.9	− 2.1	4.1	10
Multan	000	0	2	18	02	97	01	1	000	84	0	0	9	0	1	79	81		− 1	4.9	+ 0.7	7.0	7
Leiah	000	0	4	00	00	98	01	2	984	88	0	0	9	0	1	81	81	−	−	3.9	−	5.8	8
Khanpur	003	0	8	18	01	96	03	1	997	82	0	0	9	0	3	79	78	− 1	− 3	0.3	+ 4.1	1.2	6
Bahawalpur	062	8	8	16	03	97	03	6	003	81	5	6	7	0	5	78	77	+ 1	− 1	5.4	+ 1.5	6.5	6
Fort Abbas	000	0	0	25	03	98	00	0	991	85	0	0	9		0	79	72	−	−	3.3	−	3.7	4
Chakdara	000	0	8	00	00	97	13	5	001	81	8	0	8	6	x	77	77	−	−	5.2	−	20.8	—
Peshawar	009	1	7	00	00	97	17	0	997	80	7	9	5	0	0	79	79	− 4	2	4.6	+ 1.2	18.5	14
Haripur	000	2	5	05	02	97	03	1	006	81	0	0	9	0	7	76	76	−	−	12.4	−	23.3	—
Campbellpur	000	0	6	13	02	98	03	0	008	86	6	0	9	7	0	77	80	−	−	15.6	−	29.5	—
Bannu	000	0	2	00	00	99	02	0	977	87	2	0	9	8	0	75	82	−	−	10.0	−	16.9	11
D. I. Khan	000	2	2	00	00	98	01	1	989	88	0	0	9	0	2	80	82	− 2	+ 1	9.8	+ 5.4	13.5	10
Sibi	000	9	4	00	00	98	03	1	993	84	0	0	9	0	9	72	83	−	−	2.4	−	2.7	5
Nokkundi	000	0	0	34	02	97	02	0	970	87	0	0	9	0	0	46	80	−	−	0	−	1.1	2
Turbat	010	0	0	27	02	95	00	5	008	83	0	0	9	0	0	77	xx	−	−	2.1	−	6.6	—
Jiwani	002	5	7	36	02	97	02	5	010	79	2	5	5	4	0	75	76	−	−	0.1	−	5.7	4
Pasni	000	0	6	23	14	97	02	1	997	87	6	0	9	5	0	75	80	0	+ 5	0.3	− 0.8	2.7	6
Ormara	000	0	8	27	03	98	03	2	991	83	8	2	4	x	x	80	80	−	−	0.2	− 0.6	2.1	6
Las Bela	...			...	...			...	...					...		...		−					8
Karachi (Manora)	000	0	8	25	10	93	50	2	005	81	3	6	4	2	x	80	80	+ 5	+ 2	6.5	+ 1.1	6.5	8
Karachi (Air Port)	000	0	8	27	07	96	50	2	008	82	4	6	4	4	x	75	81	−	−	9.8	−	10.0	—
Badin	000	0	0	23	02	96	00	0	010	83	0	0	9	0	0	79	81	−	−	4.4	− 1.1	4.6	9
Nagarparker	075	4	8	00	00	97	02	6	018	79	8	7	7	x	x	75	75	−	−	8.5	−	7.7	—
Umarkot	000	0	4	20	07	98	02	0	993	81	4	0	9	1	0	77	77	−	−	11.6	−	12.4	—
Hyderabad	000	0	6	23	02	97	02	2	990	83	4	0	9	8	1	75	81	+ 1	+ 2	6.4	+ 1.2	7.1	7
Pad-i-dan	010	9	6	09	02	97	03	6	995	83	5	6	4	3	0	78	79	−	−	4.8	−	5.1	—
Nawabshah	000	0	4	27	03	96	01	1	999	83	4	0	9	7	0	79	81	−	−	3.1	−	3.8	—
Sukkur	000	9	3	16	02	96	01	5	989	83	0	0	9	0	3	76	79	−	−	1.1	−	2.1	4
Kashmore	000	0	3	18	02	99	02	0	993	84	3	1	8	0	0	77	78	−		0	−	0.1	—
Jacobabad	000	9	4	18	02	96	03	9	996	83	2	0	9	3	1	79	81	− 1	0	3.7	+ 1.6	4.4	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Atlabad																							—
Gilgit																							5
Murree	000	9	7	13	02	97	02	1	446	65	2	5	2	5	0	62	61	+ 2	+ 5	33.5	+ 5.1	58.8	59
Drosh	000	4	2	00	00	97	01	2	527	81	2	2	6	0	0	64	79	+ 7	+ 8	1.3	−	30.4	18
Cherat	344	2	8	23	01	97	97	6	438	70	8	6	6	x	x	70	68	− 6	− 1	9.9	+ 0.9	19.8	49
Kakul	000	9	7	00	00	97	03	2	436	75	5	5	7	4	1	69	71	−	−	36.1	−	45.8	—
Landi Kotal	000	0	7	05	01	97	03	2	429	78	7	6	5	0	0	74	xx	−	−	2.5	−	17.5	—
Parachinar	000	0	2	00	00	99	02	0	797	70	2	0	9	1		64	xx	−	−	11.8	−	25.8	29
Miranshah	000	0	4	01	02	98	02	1	430	81	2	·	8	2	0	74	77	−	−	2.7	−	5.7	13
Wana	000	0	4	00	00	98	20	2	423	79	4	0	9	6	0	69	74		−	4.3	−	13.3	−
Fort Sandeman	000	0	2	05	03	98	03	0	420	83	2	1	7	0	0	63	77	− 5	+ 4	5.2	+ 0.9	13.9	11
Hindubagh	053	6	2	09	01	98	01	1	387	73	0	0	9	0	1	9	71	−	−	2.9	−	11.0	—
Loralai	054	0	2	00	00	98	02	0	436	72	0	0	9	0	3	69	66	−	−	6.8	−	12.6	—
Harnai	000	8	3	00	00	97	01	9	xxx	xx	x	x	x	x	x	xx	xx	−	−	2.6	− 3.6	8.8	14
Quetta	000	9	6	13	02	95	01	2	410	76	6	0	7	8	0	66	65	−	−	2.9	+ 2.0	8.5	8
Chaman	000	0	0	36	03	98	02	0	417	82	0	0	9	0	0	58	75	+ 5	+ 5	0.1	0	6.3	7
Kalat	085	0	4	00	00	97	01	6	435	70	4	1	7	0	0	61	61	+ 2	+ 5	3.9	+ 2.8	8.9	9
Nushki	000	0	8	09	02	97	03	0	470	99	8	8	6	x	x	69	xx	−	−	0.4	−	2.2	—
Dalbandin	000	9	7	27	05	95	05	1	410	86	4	5	7	7	0	55	85	+ 3	+ 16	0	− 0.3	2.1	5
Panjgur	000	0	8	23	02	98	03	1	432	77	8	0	9	6	x	68	75	− 2	+ 5	1.4	−	3.0	4
Kabul	000	0	9	27	02	99	00	0	485	66	0	0	9	0	0	47	54	−	−	—	−	—	12
Kandahar																							—

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

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 25th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_hL_mL_l$	$L_hL_mL_l$ GG	N dd ff	VV ... W	PPP TT	$N_hC_hh_bC_mC_H$	D,V.a PP	8 N, Ch, h_s	O $T_wT_wT_wT_d$	Id.d.PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Talbomaru	23 187	658 00	8 24 10	xx xx x	014 77	31 3 1x	75 70 5	...	0 01 78	...
Altasum	23 210	690 00	8 26 40	98 03 1	002 81	42 4 8x	33 60 6	...	0 00 73	...
Ryahomaru	23 328	612 00	7 00 00	97 12 2	007 90	72 4 00	2x 61 5	...	0 00 73	
Dwarka	23 241	604 00	7 21 05	98 03 2	013 82	74 5 00	95 30 1	...	0 08 79	1 21 32
City of Khartoum	23 210	675 06	8 19 40	97 02 2	031 80	87 7 xx	35 40 0		0 00 76	1 22 31
Caltex Rotterdam	23 158	535 06	7 23 10	97 60 2	020 75	75 4 90			0 52 72	1 23 21
Isomaria	23 242	588 06	8 11 15	98 02 1	006 88	11 4 02	76 20 3	...	0 01 79	1 11 21
Athusum	23 216	691 06	8 29 13	98 02 2	025 83	57 6 3x	33 10 3	...	0 04 78	1 29 22
Talbomaru	23 194	649 06	7 20 18	96 25 8	035 79	44 3 30	75 40 0	...	0 52 73	
Karamun	23 239	597 06	6 15 02	99 02 2	009 82	64 4 50	35 31 8	...	0 52 75	1 14 23
Altrusia	23 195	699 12	8 25 15	98 02 2	011 81	11 4 1x	33 70 8	...	0 50 78	1 28 33
Caltex Rotterdam	22 164	547 12	3 23 15	97 02 0	999 77	11 5 76		...	0 01 75	1 23 32
Karimun	23 220	622 18	4 16 12	99 02 1	007 81	41 4 00	35 21	...	0 52 77	1 17 33

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdT-Td	1000 mb HHHTTT	900 mb TdTdTd	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb HHHTTT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sagra ...														
Chittagong ...														
Dacca ...	23 00	000 288 258	008 286 258		405 155 125	...	051 078 999	308 010 999	757 565 999	467 665 999	957 802	...	...	...
Jiwani ...														
Karachi ...	00 00	996 275 252			390 xxxxxx	...	046 132 999	321 045 999	782 532 999	520 615 999	966 002	247 985	430 135	671 272
Lahore ...	00 00	976 285 272	012 999 999	...	436 225 225	...	096 125 999	390 058 999	045 008 999	598 600 999		...	...	...
Multan ...														
Peshawar ...	23 00	958 268 272	...	...	360 198 198	...	045 115 115	341 035 035	763 582 999	...		...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd								Max. Height Reached PPPTTT TwTwTw	TROPOPAUSE St. HHHH TT	TROPOPAUSE Sl.HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Sagra ...													
Chittagong ...													
Dacca ...	23 00	900 178 149	800 142 072	...	...	...	...	...	...	...	800 142 072	...	...
Jiwani ...													
Karachi ...	00 00										100 272 999		
Lahore ...	00 00	900 245 242	800 205 202	500 000 999	...	...	...	...	...	...	500 000 999	...	...
Multan ...													
Peshawar ...	23 00	900 252 252	874 205 198	800 175 175	510 675 999	...	...	...	...	...	510 675 999	...	...
Quetta ...													

PPP—Pressure in hundreds to ns and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of oC.
Str-Character of tropopause.

HHH, HHHH (heig hts) - Tens of geopotential metres.
TT—Dry Bulb tem peratures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Sagra ...	18 07	17 07	15 08	13 10	12 13	12 10	06 10	...	...	11 09	10 06	13 04	...	...	...	09 08	09 13	...	...	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	19 11	22 11	23 11	28 02	03 04	04 11	...	...	...	22 15	25 19	24 17	26 07	...	...	28 04	...	...	...	...	...	...	...	...	...	...
Chittagong ...	12 15	21 18	22 15	19 85	...	...	...	...	...	15 15	15 21	15 21	15 21	12 15	12 12	09 11	09 11	11 15	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent								14 11	15 08	16 07	13 09	13 10	13 11	16 07	14 17	14 18	13 13	12 16	12 18	...	...	...	...	...
Dacca ...	28 04	18 05	18 06	11 07	11 10	09 09	06 07	04 18	05 15	11 08	11 07	11 08	10 09	10 13	10 04	11 08	12 11	12 08	11 14	11 17	08 23	xx xx	xx xx	xx xx	07 15	...
Dalbandin ...	...	...	21 05	26 07	30 11	30 26	30 26	05 22	05 18	...	...	20 07	23 10	22 11	22 12	...	...	26 09	20 11	20 12	03 12	05 24	06 47	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	23 01	21 07	24 15	...	...	...	...	...	22 05	20 08	31 03	35 02	36 07	01 07
Drosh ...	...	...	...	...	21 12	20 17	19 07	09 05	36 10	...	...	...	14 03	12 03	08 08	...	...	01 03	04 03	...	...	...	...	...	...	33 19
Fort Sandeman ...	...	...	...	10 06	05 07	36 09	02 28	04 14	07 09	...	...	...	17 03	08 07	09 07	...	...	07 06	06 08	08 09	09 10	11 11	11 09	10 11	...	...
Jacobabad ...	14 08	13 07	11 08	10 10	05 12	04 12	...	...	...	17 03	25 07	26 07	...	...	...	20 01	16 02	09 01	...	...	...	...	...	...	...	...
Jessore ...	17 08	17 09	18 08	14 08	...	...	...	...	...	11 10	...	...	...	...	...	09 11	09 11	11 15	...	...	...	...	...	...	...	...
Jhalum ...	14 01	36 01	65 03	08 06	04 07	03 02	03 06	26 03	02 02	08 02	13 05	17 06	19 03	16 04	03 05	18 04	17 06	19 06	...	...	...	...	...	...	...	...
Jiwani ...	17 20	08 14	06 11	05 11	06 22	05 35	...	...	...	15 02	13 03	08 01	...	...	...	30 05	24 03	13 03	11 10	10 16	04 19	...	...	...	...	...
Karachi ...	24 17	23 10	22 06	18 11	...	...	...	...	...	25 13	25 12	24 10	...	...	...	24 15	23 16	23 14	...	...	...	...	...	...	...	...
Khanpur ...	16 12	13 18	10 09	05 12	...	...	...	...	...	20 13	22 10	21 09	18 08	18 09	13 13	16 06	16 04	16 03	15 07	14 09	10 07	09 13	11 10	12 07	13 04
Lahore ...	06 01	34 01	32 02	12 02	23 10	01 06	02 08	02 07	03 11	12 08	13 07	16 07	23 05	29 05	27 05	13 05	15 07	16 08	20 07	27 02	20 04	15 02	04 01	25 03	18 10	21 10
Multan ...	05 04	06 08	05 06	05 06	04 09	04 11	02 10	05 06	07 07	16 07	15 08	19 10	20 12	30 12	13 04	20 05	19 06	19 07	17 07	13 03	06 06	05 03	10 03	14 03	12 04	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	05 08	09 03	22 04	01 03	33 06	01 12	35 15	36 15	...	...	...	...	...	...	...	...	...	...	27 03	11 04	06 11	11 11	11 12	...	...
Quetta ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	11 01	05 04	...	...	...	...	...	...	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	29 01	08 03	06 07	06 13	09 10	08 05	03 25	03 10	...	13 06	19 02	13 06	10 04	...	...	05 04	07 05	08 12	09 16	09 19	10 23	14 22	14 21	17 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	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...	14 06	12 05	12 05	09 05	10 07	14 07	11 12	08 15	05 19	04 15	02 24	05 24	07 31	07 29	07 31	09 35	...	...
Dacca ...	24 22	24 17	28 11	29 05	29 04	28 01	16 05	15 02	06 05	04 05	10 09	10 27	25 19	...	...	...	...	...
Karachi ...		34 05	29 09	17 11	15 02	22 06	35 07	03 07	31 05	10 04	23 19							
Peshawar ...																		
Quetta ...																		

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

Cloud observation Data (GGiii Cddv,v,etc.)

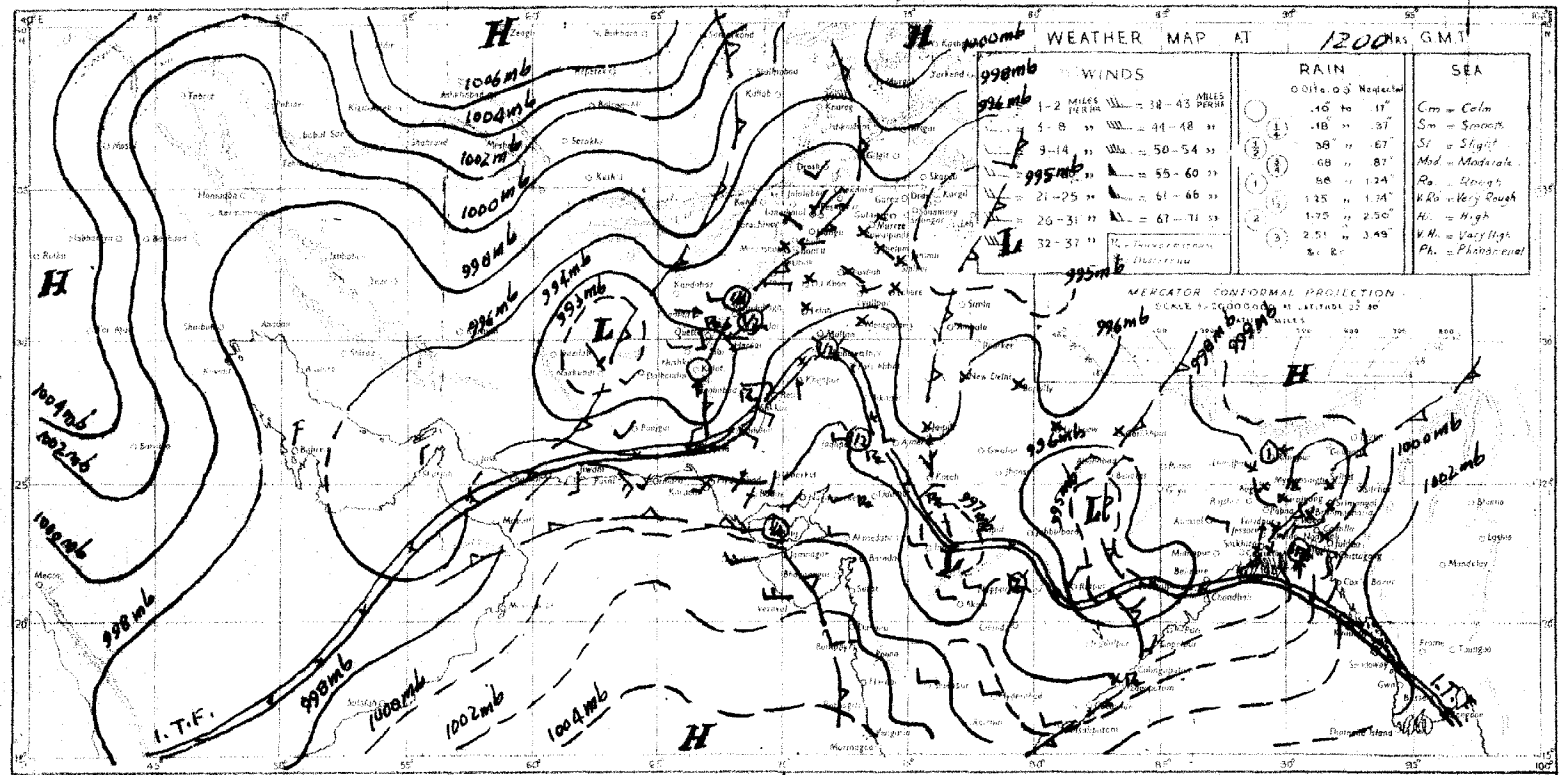
12 530 03 507
12 712 01 015

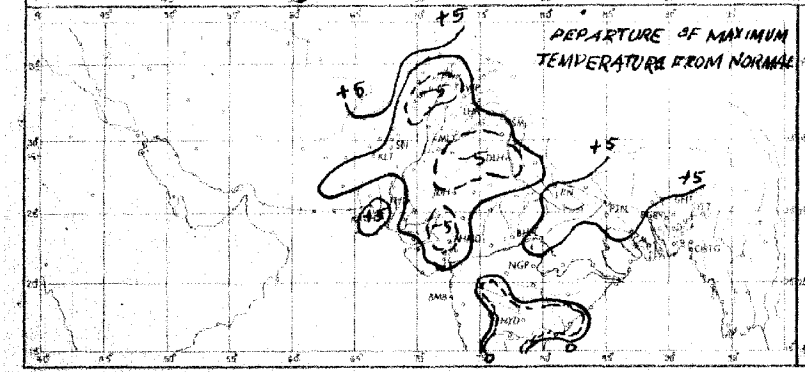
05 712 306 25

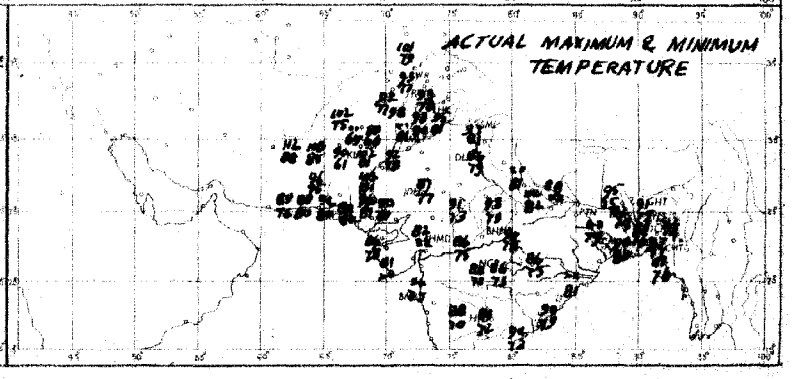
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

MONDAY 24th AUGUST, 1959.







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

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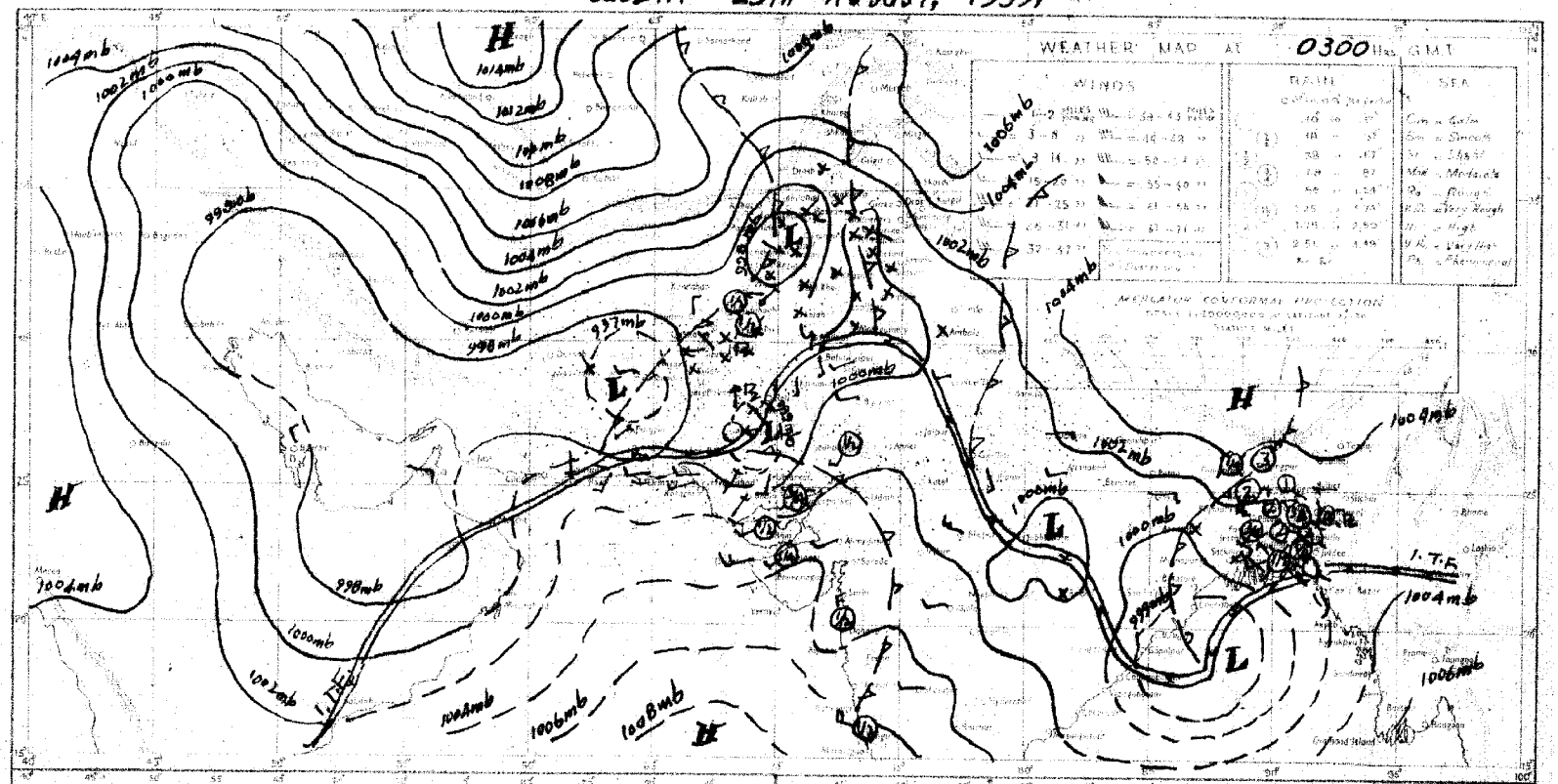
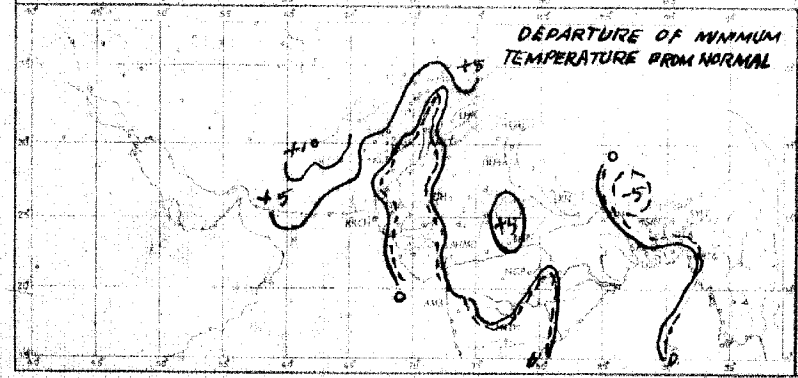
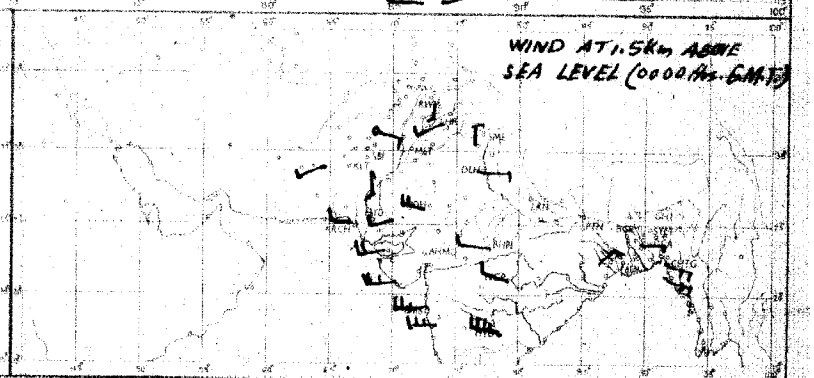
PAKISTAN DAILY WEATHER MAP

TUESDAY 25th AUGUST, 1959.







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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

WEDNESDAY THE 26th AUGUST, 1959.

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

Yesterday's unsettled conditions in north Bay of Bengal have concentrated into a depression centred at 26,0300 G. M. T. within one degree of latitude 19 °N and longitude 87 °E. It is likely to intensify and move westnorthwestwards.

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

Yesterday's low pressure wave over Rawalpindi division is moving away across Kashmir.

The low pressure wave over Afghanistan now lies over Peshawar division and neighbourhood.

Low over Khairpur division has weakened into a trough.

Thunderstorms/showers have been fairly widespread in Lahore and Rawalpindi divisions, local in Peshawar and Quetta divisions and scattered in Multan and Khairpur divisions. Light rain/drizzle is also reported from D. I. Khan, north Kalat divisions and the Federal Capital Area.

Chief amounts of rainfall are: Sialkot 3"; Murree 2"; Quetta 1"; Chittagong 3/4"; Sylhet, Jessore and Campbellpur ½" each and Comilla, Sirajganj, Fort Sandeman and Hindubagh ¼" each.

Day temperatures were 4—6°F below normal in Kalat, Khairpur and lower Peshawar divisions.

Forecast valid until the evening of 27th August, 1959. Rain/thundershowers will be fairly widespread in Lahore and Rawalpindi divisions, in Kashmir and in East Pakistan and local in Peshawar, D. I. Khan and Quetta divisions. Scattered thunderstorms/showers are also expected elsewhere over West Pakistan.

Heavy Rainfall Warning:— Locally moderate to heavy rain will fall in Lahore and Rawalpindi divisions, in Kashmir and in East Pakistan during next 24 hours.

Karachi-11
The 26th August, 1959.

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

OBSERVATIONS

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

Divisions	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	4	16	09	96	02	1	000	83	1	3	6	5	2	77	88
	Chittagong	068	3	7	20	13	96	97	6	995	81	7	3	4	0	0	79	87
	Maijdee Court	000	9	3	18	05	98	01	1	994	85	2	1	7	0	1	76	87
	Comilla	000	0	8	00	00	96	02	2	991	87	8	4	5	x	x	79	xx
	Brahmanbaria	000	0	4	00	00	97	03	0	991	87	3	4	5	0	0	79	90
	Sylhet	00	0	2	00	00	97	61	0	985	87	1	1	6	0	1	80	92
	Srimangal	000	0	7	00	00	97	03	1	984	89	7	3	5	0	0	79	92
Dacca	Mymensingh	000	0	4	13	02	99	02	1	990	99	x	x	x	x	x	72	90
	Narayanganj	000	9	6	00	00	96	03	1	009	88	3	4	5	3	8	77	90
	Dacca (Tezgaon)	000	9	7	13	02	98	03	1	986	86	6	3	5	3	1	77	88
	Faridpur																	
	Barisal	000	0	3	13	01	97	03	0	997	85	3	7	5	0	0	78	89
Rajshahi	Khulna	000	0	8	13	03	96	03	2	989	83	8	5	5	x	x	78	90
	Satkhira	000	0	7	00	00	95	03	2	977	83	7	6	7	0	0	79	89
	Jessore	000	0	4	18	02	97	01	1	984	87	4	4	6	0	0	80	90
	Sirajganj	021	2	2	00	00	98	02	6	973	85	2	1	4	0	0	78	91
	Bogra	000	0	5	00	00	96	03	1	983	80	4	5	6	2	0	79	88
	Dinajpur	000	8	8	00	00	96	02	2	996	88	8	4	7	x	x	80	91
	Rangpur	00	0	3	05	02	96	01	2	xxx	84	3	5	6	0	0	75	[illegible]
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	4	7	00	00	96	02	9	971	85	3	5	8	7	0	77	98
	Sialkot	000	2	5	00	00	98	03	1	963	90	3	2	6	4	0	79	97
Rawalpindi	Jhelum	000	4	7	13	02	97	02	9	966	91	2	3	6	1	0	79	96
	Rawalpindi	000	0	6	00	00	98	02	1	972	90	4	0	9	1	8	79	92
	Khushab	000	0	6	00	00	96	05	3	975	90	6	2	6	0	0	79	99
Multan	Lyallpur	000	0	6	13	02	96	02	9	972	87	6	2	8	0	0	79	95
	Montgomery	000	0	6	00	00	96	03	1	978	87	3	3	7	0	0	75	87
	Multan	000	0	6	00	00	97	02	1	957	98	2	1	6	3	3	80	99
Bahawalpur	Leiah	000	0	2	18	03	97	03	1	961	99	2	0	9	5	0	71	00
	Khanpur	000	0	2	25	03	96	03	0	962	92	2	0	9	2	0	81	98
	Bahawalpur	000	6	4	31	05	97	03	2	966	99	0	0	9	0	2	79	99
	Fort Abbas	000	0	0	16	03	98	00	0	957	01	0	0	9	0	0	71	04
Peshawar	Chakdara	000	0	3	23	02	98	01	1	936	89	3	1	7	0	0	75	89
	Peshawar	000	8	5	36	05	97	02	9	965	88	1	9	6	0	2	77	89
	Haripur	000	5	6	31	04	97	03	1	945	90	6	6	6	0	0	75	94
	Campbellpur	000	0	6	13	03	98	03	0	008	86	6	0	9	7	0	77	88
D. I. Khan	Bannu	000	0	3	13	01	99	03	0	933	97	3	1	6	0	0	72	00
	D. I. Khan	000	6	3	18	02	98	03	0	941	99	3	0	9	3	0	80	00
Quetta	Sibi	000	2	4	23	05	98	03	0	957	02	2	2	5	0	1	70	03
Kalat	Nokkundi	000	0	0	34	02	97	02	0	912	03	0	0	9	0	0	42	05
	Turbat	000	0	6	27	01	96	03	0	970	83	6	0	9	6	0	58	93
	Jiwani	000	0	8	18	07	96	03	2	982	83	3	5	5	5	0	73	87
	Pasni	000	0	6	20	10	98	02	0	985	87	6	0	9	7	0	79	90
	Ormara	000	0	5	18	09	98	02	1	974	90	5	2	6	0	0	77	92
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	25	12	96	02	1	998	86	3	6	4	0	1	79	88
	Karachi (Air Port)	005	9	6	27	10	97	02	5	992	87	2	5	6	3	0	79	88
	Badin	000	0	0	23	02	97	00	0	993	90	0	0	9	0	0	74	91
	Nagarparker	000	0	0	18	02	97	00	0	986	91	0		9	0	0	71	93
	Umarkot	000	0	4	20	09	98	02	1	971	91	2	1	6	1	2	75	97
	Hyderabad	000	0	4	23	05	97	02	1	987	93	4	6	5	0	0	73	95
Khairpur	Pad-i-dan	000	8	5	23	03	97	03	1	961	93	5	3	6	0	0	76	98
	Nawabshah	000	0	6	23	09	98	17	2	977	93	5	9	6	0	2	82	98
	Sukkur	013	8	4	13	02	96	02	6	955	98	4	0	9	6	0	79	00
	Kashmore	000	0	3	16	03	99	02	0	961	96	3	1	8	0	0	75	97
	Jacobabad	000	0	4	13	05	96	02	1	957	98	2	9	6	0	1	75	99
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	208	7	7	00	00	97	02	6	427	67	3	5	2	6	0	67	69
Peshawar	Drosh	000	3	6	23	10	96	03	1	374	92	1	1	7	3	0	59	01
	Cherat	000	0	4	18	03	98	03	0	411	79	1	2	6	2	0	78	80
	Kakul	000	8	8	18	03	97	17	4	418	80	5	3	6	6	x	68	83
	Landi Kotal	000	0	3	05	03	98	02	1	401	81	0	0	9	0	8	73	88
D. I. Khan	Parachinar	000	0	3	36	02	99	02	0	797	77	3	0	9	1	0	69	xx
	Miranshah	000	0	4	05	02	99	02	1	403	93	4	0	9	4	0	81	96
	Wana	000	0	4	13	05	98	20	1	414	85	4	2	8	0	0	63	91
	Fort Sandeman	000	4	5	13	04	99	02	9	407	92	3	2	6	2	0	59	96
Quetta	Hindubagh	[illegible]	3	7	25	05	94	03	0	371	87	6	0	9	5	4	60	87
	Loralai	030	0	4	13	02	98	02	1	439	87	4	0	9	2	0	63	88
	Harnai	000	5	8	03	02	98	62	0	xxx	xx	6	9	5	2	x	xx	xx
	Quetta	057	0	7	00	03	96	02	6	426	74	7	0	8	4	0	68	81
	Chaman	000	0	0	36	02	98	00	0	398	96	0	0	9	0	0	57	96
Kalat	Kalat	000	0	3	02	07	97	02	1	399	82	3	2	7	0	0	58	85
	Nushki	004	1	8	09	19	96	80	0	467	85	8	9	6	x	x	65	07
	Dalbandin	000	8	5	23	03	95	05	2	399	99	1	5	7	7	8	57	01
	Panjgur	000	0	7	18	04	98	20	2	419	85	7	0	9	6	0	77	86
Afghanistan	Kabul	000	0	0	18	03	99	00	0	460	85	0	0	9	0	0	55	94
	Kandahar																	

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

Divisions	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	000	0	4	11	09	97	01	1	062	86	2	6	2	5	1	77	77	+3	+1	97.6	+7.1	113.5	140
	Chittagong	069	9	4	13	09	97	02	9	030	85	1	0	9	1	2	75	78	+1	+2	78.7	+16.6	111.6	108
	Maijdee Court	000	9	4	18	05	97	01	1	034	84	2	1	6	2	0	75	78	+2	0	75.4	+10.1	107.3	115
	Comilla	019	5	4	00	00	98	03	9	993	86	5	2	5	0	0	76	79	—	+1	51.5	+2.1	77.5	94
	Brahmanbaria	000	0	3	09	03	97	03	0	034	87	2	5	5	0	8	75	80	—	—	35.3	—2.0	61.3	76
	Sylhet	038	8	4	13	05	97	01	6	037	84	3	4	5	3	0	78	79	—	—	107.9	—	145.9	—
	Srimangal	012	1	7	00	00	96	03	6	041	84	7	4	5	0	0	78	77	+2	+1	53.4	+8.7	86.3	98
Dacca	Mymensingh	000	0	6	13	02	98	02	1	033	87	6	4	5	0	0	77	81	+3	+2	62.1	+15.4	84.2	91
	Narayanganj	000	9	8	13	07	96	03	1	026	86	8	7	4	x	x	76	82	+2	+3	42.8	+6.4	63.1	74
	Dacca (Tezgaon)	030	9	5	13	07	98	01	2	025	86	2	8	4	3	0	78	81	—	—	42.4	—	38.3	—
	Faridpur	000	9	7	16	03	97	03	0	026	85	7	5	7	0	0	76	80		+2	39.5	+3.6	67.9	71
	Barisal	000	0	5	00	00	97	03	5	025	65	3	7	5	4	0	77	80	+2	+2	61.6	—14.4	76.4	81
Rajshahi	Khulna	000	0	7	13	05	96	01	2	017	82	7	5	6	0	0	79	80	+2	+2	45.1	+6.4	65.9	68
	Satkhira	000	0	8	00	00	95	03	2	012	84	8	6	8	x	x	78	78	+1	0	34.3	—1.3	52.5	65
	Jessore	040	9	8	13	07	96	03	6	016	83	8	4	5	x	x	79	79	—	—	34.7	+0.7	70.5	65
	Sirajganj	021	9	6	13	02	98	03	6	014	78	6	2	7	0	0	77	xx	+4	—	47.7	+14.2	72.5	64
	Bogra	000	6	3	13	05	97	03	9	026	88	2	5	6	0	1	77	82	0	+4	47.0	+10.3	66.1	69
	Dinajpur	000	2	4	00	00	96	02	2	026	85	4	0	9	2	0	79	81	+2	+2	28.3	—11.1	45.7	72
	Rangpur	000	0	3	09	02	96	01	1	xxx	87	2	4	6	2	0	79	81	+1	+4	44.0	—1.1	63.9	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd)	000	9	5	03	03	96	01	1	009	84	3	3	7	0	2	79	81	+1	+4	19.7	+8.1	23.5	19
	Sialkot	260	2	8	00	00	97	02	6	020	75	8	7	6	x	x	73	73	+3	—4	38.0	+19.2	44.1	32
Rawalpindi	Jhelum	014	2	6	13	02	97	01	9	013	77	3	2	6	1	0	74	76	—	—	31.6	—	41.8	—
	Rawalpindi	000	0	7	00	00	98	95	2	006	82	7	6	5	0	0	78	79	—1	+5	25.9	+7.5	38.9	36
	Khushab	000	0	2	00	00	99	01	1	003	87	0	0	9	0	2	80	78	0	—3	12.7	+4.1	18.2	15
Multan	Lyallpur	000	0	6	00	00	96	02	9	006	82	6	2	8	0	0	67	82	—2	+3	10.5	+3.2	13.3	12
	Montgomery	000	0	6	05	00	96	03	1	001	84	0	0	9	0	8	78	81	—13	+1	3.9	—2.1	6.1	10
	Multan	000	0	4	18	03	97	01	1	995	89	2	0	9	3	2	81	84	+1	+2	4.9	+0.6	7.0	7
Bahawalpur	Leiah	000	0	1	13	07	98	02	1	989	87	0	0	9	0	1	79	83	—	—	3.9	—	5.8	8
	Khanpur	000	0	2	00	00	96	03	0	007	86	0	0	9	0	1	79	82	—5	+3	0.3	—4.1	1.2	6
	Bahawalpur	000	0	2	18	05	97	02	0	002	87	0	0	9	0	2	78	81	—2	+2	5.4	+1.4	6.5	6
	Fort Abbas	000	0	0	20	03	98	[illegible]	0	004	84	0	0	9	0	0	76	74	—	—	3.3	—	3.7	4
Peshawar	Chakdara	010	0	3	00	00	98	01	9	003	74	3	0	8	4	0	69	77	—	—	5.3	—	20.9	—
	Peshawar	005	8	7	36	05	97	17	9	017	76	6	9	4	2	0	75	76	—8	—1	5.6	+2.2	18.6	14
	Haripur	000	3	6	23	04	97	03	1	986	86	6	0	9	7	0	70	75	—	—	—	—	—	—
	Campbellpur	042	5	8	36	05	97	29	9	031	75	8	3	8	x	x	69	72	—	—	16.0	—	29.9	—
D. I. Khan	Bannu	000	0	0	18	01	99	00	0	985	88	0	0	9	0	0	77	82	—	—	10.0	—	16.9	11
	D. I. Khan	000	2	2	00	00	98	01	1	992	88	0	0	9	0	2	80	81	0	+1	9.8	+5.3	13.3	10
Quetta	Sibi	000	0	0	00	00	99	00	0	995	89	0	0	9	0	0	76	83	—	—	2.4	—	2.7	5
Kalat	Nokkundi	000	0	0	07	02	97	01	0	968	90	0	0	9	0	0	63	88	—	—	0	—	1.1	2
	Turbat	000	0	6	13	02	95	03	1	998	83	0	0	9	6	0	75	xx	—	—	2.1	—	6.6	—
	Jiwani	000	3	6	00	00	96	02	1	011	81	4	6	4	4	0	75	79	—	—	0.1	—	5.7	4
	Pasni	000	0	6	13	02	97	02	1	010	82	6	5	7	0	0	78	79	+1	+4	0.1	—0.8	2.7	6
	Ormara	000	0	7	00	00	98	02	1	013	80	7	4	5	0	0	78	78	—	—	0.2	—0.6	2.1	6
	Las Bela																							8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	5	25	12	96	03	1	019	82	4	0	9	4	1	77	80	+3	+2	6.5	+1.1	6.5	8
	Karachi (Air Port)	005	0	5	27	05	96	02	1	017	83	5	5	5	0	0	76	80	—	—	9.8	—	10.1	—
	Badin	000	2	2	23	02	96	03	0	010	80	0	0	9	0	2	77	80	—	—	4.6	—1.2	4.6	9
	Nagarparker	000	0	8	01	00	96	02	3	016	86	8	7	7	x	x	76	78	—	—	8.5	—	8.5	—
	Umarkot	000	0	0	18	07	98	00	0	008	80	0	0	9	0	0	76	77	—	—	11.6	—	12.4	—
	Hyderabad	000	0	2	23	09	97	03	0	xxx	xx	2	5	6	0	0	73	80	0	+2	6.4	+1.1	7.1	7
Khairpur	Pad-i-dan	000	9	0	16	05	98	02	6	999	83	0	0	9	0	0	75	80	—	—	4.8	—	5.1	—
	Nawabshah	000	0	1	18	07	96	01	9	004	85	0	0	9	0	1	79	81	—	—	3.1	—	3.8	—
	Sukkur	013	9	1	20	02	96	01	1	000	84	0	0	9	0	3	77	82	—	—	1.2	—	2.1	4
	Kashmore	000	0	0	xx	xx	99	00	0	001	85	0	0	9	0	0	76	83	—	—	0	—	0.1	—
	Jacobabad	000	0	1	18	02	96	01	1	999	86	1	0	9	3	0	81	85	—4	+4	3.7	+1.6	4.4	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	214	9	9	00	00	90	49	6	452	63	9	x	0	x	x	62	60	—1	+3	35.7	+6.9	60.9	59
Peshawar	Drosh	000	1	4	00	00	97	01	2	431	83	3	2	6	3	0	64	77	+7	—7	1.3	—	30.4	18
	Cherat	000	0	9	13	03	91	47	4	443	70	8	5	6	x	x	70	69	—6	0	9.9	+0.8	19.8	29
	Kakul	000	9	9	36	02	97	03	1	443	71	6	3	6	3	1	68	69	—	—	36.1	—	45.8	—
	Landi Kotal	000	2	6	05	01	98	02	5	427	75	6	6	5	0	0	70	xx	—	—	2.5	—	17.5	
D. I. Khan	Parachinar	000	0	0	00	00	99	00	0	799	69	0	0	9	0	0	65	xx	—	—	11.8	—	25.8	29
	Miranshah	000	0	4	00	00	99	03	0	430	81	4	0	8	4	0	75	77	—	—	2.7	—	5.7	13
	Wana	000	0	0	00	00	99	00	0	434	80	0	0	9	0	0	65	72	—	—	4.3	—	13.3	—
	Fort Sandeman	020	0	0	23	03	99	02	9	447	73	0	0	9	0	0	65	71	—1	0	5.4	+1.8	14.1	11
Quetta	Hindubagh	037	8	1	05	01	98	02	6	400	67	0	0	9	0	1	52	67	—	—	3.3	—	11.3	—
	Loralai	000	0	0	27	02	98	00	0	439	69	0	0	9	0	0	63	63	—	—	6.8		17.6	
	Harnai	000	0	2	09	01	96	02	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	2.6	—6.5	8.8	14
	Quetta	097	9	1	18	02	95	01	6	425	71	0	0	9	8	7	65	61	—	—	3.9	—	8.5	8
	Chaman	000	0	0	09	03	98	02	0	437	84	0	0	9	0	0	59	75	—1	+7	0.1	0	6.3	7
Kalat	Kalat	000	0	1	00	00	97	01	2	446	70	1	1	7	0	0	62	61	—3	+7	3.9	+2.8	8.9	9
	Nushki	004	0	0	09	05	98	02	0	467	96	0	0	9	0	0	65	80	—	—	0.5	—	2.3	—
	Dalbandin	000	9	1	27	05	97	01	1	425	85	1	0	9	3	0	64	82	—4	+3	0	—0.3	2.1	5
	Panjgur	000	0	3	23	02	98	03	0	437	77	3	0	9	2	0	70	75	—12	+4	1.4	—	3.0	4
Afghanistan	Kabul	000	0	0	27	02	99	00	0	483	68	0	0	9	0	0	56	69	—	—	—	—	—	12
	Kandahar																							—

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

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 26th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	$I_dw d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Caltex Rotterdam	33 177	570 00	1 22 16	97 02 0	030 72	00 9 01		...	0 03 68	1 22 22
Velletia	33 247	605 00	8 00 00	98 02 0	002 81	80 9 9x	25 70 4	...	0 54 81	1 00 x0
Taihomaru	33 232	610 00	6 22 10	97 03 1	985 77	21 4 20	75 80 5	...	0 53 75	...
Joseph	33 247	591 06	4 13 10	98 02 1	010 87	41 5 00	65 10 3	...	0 01 76	1 16 23
Iphigenia	33 216	599 06	8 00 00	96 50 2	020 77	89 3 2x	15 11 0	...	0 01 70	1 00 x0
Iso Cardia	33 161	535 06	6 21 20	97 21 2	080 77	65 5 00	16 21 0	...	0 10 73	1 21 x3
Bethsabe	33 154	525 06	8 22 10	98 02 2	032 73	45 6 25	26 21 4	...	0 08 73	1 22 21
Velletia	33 245	620 06	7 19 04	98 02 2	012 84	70 9 50	24 22 0	...	0 01 75	1 19 20
Caltex Rotterdam	33 186	579 06	8 22 14	96 02 2	985 73	86 3 xx	...	...	0 02 70	1 22 21
Alhussain	33 173	712 06	6 30 13	98 01 2	061 85	33 5 60	33 10 4	...	0 04 76	1 27 33
Isomaria	33 267	528 06	3 29 02	97 02 0	978 93	32 3 30	66 21 2	...	0 52 82	1 08 xx
Taihomaru	33 232	596 06	6 09 13	97 01 2	000 82	32 3 59	75 31 0	...	0 03 79	...
Iphigenia	33 225	599 09	5 09 04	98 01 2	009 81	32 3 01	15 71 8	...	0 01 75	1 90 x1
Bethsabe	33 157	532 09	8 22 15	95 62 6	005 77	xxx xx	26 72 7	...	0 01 72	1 22 23
Alhussain	33 165	719 12	8 26 18	98 03 2	043 82	11 6 2x	33 60 6	...	0 01 75	1 26 33
Karimun	33 192	659 12	8 22 19	97 02 2	017 81	63 4 4x	35 70 3	...	0 01 75	1 22 34
Velletia	33 245	633 12	3 15 04	98 02 0	995 84	21 5 64	24 40 0	...	0 02 75	1 15 21
Bethsabe	33 160	540 12	7 23 12	97 62 6	xxxxx	75 4 00	26 70 9	...	0 04 73	1 23 23
Isomaria	33 275	512 12	0 31 18	96 05 0	965 90	00 9 00	46 71 5	...	0 52 77	1 31 22
Iso Cardia	33 168	549 12	7 27 13	97 21 2	050 77	25 5 50	18 71 2	...	0 01 77	1 27 x2
Caltex Rotterdam	33 195	585 12	8 22 10	96 02 2	965 77	57 3 2x		...	0 03 72	1 22 21
Iphigenia	33 231	595 12	8 09 06	98 02 2	996 82	31 3 2x	75 71 2	...	0 56 73	1 90 x1
Velletia	33 243	647 18	3 16 07	98 02 1	016 82	31 5 00	24 70 3	...	0 51 74	1 16 21
Kariman	33 184	671 18	3 21 16	98 01 1	054 81	31 4 00	35 11 7	...	0 02 73	1 20 43
Caltex Rotterdam	33 204	591 18	8 20 08	96 51 2	990 73	87 3 xx	...	...	0 51 72	1 20 21
Alhassan	33 158	722 18	8 28 18	98 02 2	070 82	33 1 05	...	...	0 01 75	...

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTT$T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	23 00	000 288 252	008 288 252	..	415 195 145	...	082 115 082	357 045 508	821 532 588	556 635 725	969 782	247 008	...	..
Dacca ...														
Jiwani ...	00 00	998 278 272	005 xxxxxx	...	400 160 999	..	062 100 999	333 058 999	804 518 999	541 635 999	967 772	...	...	...
Karachi ...	00 08	976 272 262	...	..	422 195 188	...	062 100 999	326 030 999	776 560 999	...	..	...	...	...
Lahore ...														
Multan ...	00 00	999 255 222	...	...	408 208 999	...	081 138 999	388 055 999	825 515 999	567 598 999	...	...	...	...
Peshawar ...														
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	23 00	900 228 168	800 162 122	524 002 561	...	...	...	.	...	...	524 002 562	...	...
Dacca ...													
Jiwani ...	00 00					...		...	...	...	300 772 999	...	...
Karachi ...	00 00	900 225 215	800 160 160	562 000 999	425 640 999	...	...	...	...	...	425 640 999	...	...
Lahore ...													
Multan ...	00 00	900 238 999	800 195 999	350 048 999	337 568 999	...	..	...	...	...	337 568 999	...	...
Peshawar ...													
Quetta ...													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l.→ STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
	2	3	4	5	6	7	8	9	10
Bogra ...	05 05	09 09	09 11	09 17	..	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...
Chhor ...	21 11	23 13	25 13	25 11	34 03	...	...	...	...
Chittagong ...	No	Ascent	...			...	...	...	...
Cox's Bazar ...	17 25	17 25	16 24	15 17	18 22	...	...	...	.
Dacca ...	13 07	14 08	14 10	10 12	09 16	18 22	..	...	...
Dalbandin ...	..	...	17 09	21 17	26 14	32 13	...		...
D. I. Khan ...	...	...	...						..
Drosh ...	...	...			23 18	17 08	16 09		
Fort Sandeman ...		...		13 05	14 02	35 07	01 17	04 13	03 04
Jacobabad ...	15 02	16 02	09 02	09 04	07 09	06 08	07 10	10 13	...
Jessore ...	07 12	07 13	09 12	...		...		...	...
Jhelum ...	14 03	14 06	13 04	11 01	15 03	12 01	32 09	...	...
Jiwani ...	15 14	12 14	10 11	09 06	04 14	23 22	...	...	...
Karachi ...	24 14	25 12	30 05				.	...	...
Khanpur ...	22 04	22 03	16 05	13 09	12 03	06 03	...		...
Lahore ...	25 12	24 09	22 04	21 05	16 03				...
Multan ...	21 07	19 08	18 07	17 06	20 03	34 03	01 10	06 03	01 05
Muscat ...	...	...	...	...	...	...	...	...	..
Panjgur ...	...	...	...	...	...	...	...	...	..
Peshawar ...	...	...		...	...			...	...
Quetta ...	...	...	...	...	20 04	02 03	05 04	...	...
Sharjah ...	...								
Sylhet ...	33 03	10 03	10 14	10 20	10 20	12 16	13 22	13 23	14 32
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

STATION	0.3	0.6	0.9	1.5	2.1	3.0
	11	12	13	14	15	16
Bogra ...	13 12	13 15	11 13	11 17	...	..
Chaklala ...	...		...		...	...
Chhor ...	23 18	24 23	23 18	19 09	19 05	15 04
Chittagong ...	14 14	15 25	15 31	...	...	...
Cox's Bazar ...	16 23	17 27	17 19	17 21		..
Dacca ...	13 15	13 16	12 23	12 22	12 22	12 19
Dalbandin ...	...	...	27 10	21 06	29 09	11 06
D. I. Khan ...	...	...	...			
Drosh ...	...	...	...	22 08	23 06	24 04
Fort Sandeman ...		...		23 03	09 03	02 08
Jacobabad ...	21 07	19 06	16 06	08 07	08 09	09 11
Jessore ...	11 13	11 20	13 27	11 27	...	...
Jhelum ...	09 10	14 08	16 09	22 05	...	...
Jiwani ...	14 07	13 08	09 09	08 10	09 14	...
Karachi ...	24 19	25 17	...	...	...	...
Khanpur ...	22 20	23 17	23 15	21 08	16 09	16 09
Lahore ...	17 07	18 08	19 06	26 05	27 09	32 04
Multan ...	20 15	21 15	20 13	19 12	20 05	10 06
Muscat ...	.	...		...	...	...
Panjgur ...	...				...	...
Peshawar ...	...	32 05	08 01	10 03		
Quetta ...	...	...	...		18 04	35 04
Sharjah ...			...	...	...	...
Sylhet ...	25 06	01 04	...	...	...	...
Veraval ...	...	...	...	.		...

At 0600 hrs. G.M.T. † of date (dd ff)

STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	13 13					...	...	...	...	...	...
Chaklala ...	...	14 11	16 09	16 07	18 05	..	...	...	...	...	...
Chhor ...			...		..	...	..	...	..	...	...
Chittagong ...	15 10	15 11	16 15	...	...	..		...	...	...	...
Cox's Bazar ...	16 20	16 21	17 26	17 22	...	...		...	...	...	...
Dacca ...	13 10	12 25	12 22	12 29	12 17	12 16	11 18	...	...	...	...
Dalbandin ...	...	...	18 01	18 10	04 03	09 14	08 16	11 26	11 17	14 14	12 02
D. I. Khan ...	...	...	...	...					...	...	...
Drosh ...	...	...	...	...	24 04	19 03	34 06	01 03	...	...	19 19
Fort Sandeman ...	...	...	...	25 04	16 03	03 06	02 06	33 07	26 08	18 05	
Jacobabad ...	17 04	10 03	05 05	05 06	06 08	06 10	10 06	13 06	13 08	16 09	...
Jessore ...	12 11	13 20	13 28		...	...	...	...	...	...	...
Jhelum ...	12 04	14 07	31 09	26 02	05 11	01 13	..		...	...	...
Jiwani ...	11 06	10 09	10 11	09 14	09 14	01 14	10 15	...	..	...	...
Karachi ...	24 13	...	...	..				...	.	.	...
Khanpur ...	22 06	20 07	18 08	16 07	15 07	08 10	08 02	09 05	10 04	...	...
Lahore ...	17 08	10 04	13 03				...			...	...
Multan ...	19 07	19 09	18 10	19 11	13 06	09 05	05 11	05 02	13 03	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	12 02	06 06	07 12	05 10	08 04	14 07	14 07
Sharjah ...								...	...	...	...
Sylhet ...	20 02	10 01	11 05	11 17	11 18	09 20		...	...	...	...
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	14.1	16.2	18.0	21.0	24.0
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...	13 12	13 13	11 12	11 16	12 15	11 15	11 13	10 16	12 16	14 13	13 18	11 49	12 14	...	...	...	...	...
Dacca ...	24 14	25 17	25 15	34 08	07 05	08 08	09 11	12 14	12 17	08 12	10 13	10 11				...	...	...
Karachi ...		32 15	03 06	13 09	18 08	27 10	29 1	33 12	31 13	26 08	24 10	24 23	26 14	28 75	...	...	...	...
Peshawar ...																		
Quetta ...																		

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

Cloud observation Data (GGiii Cddv,v, etc.)

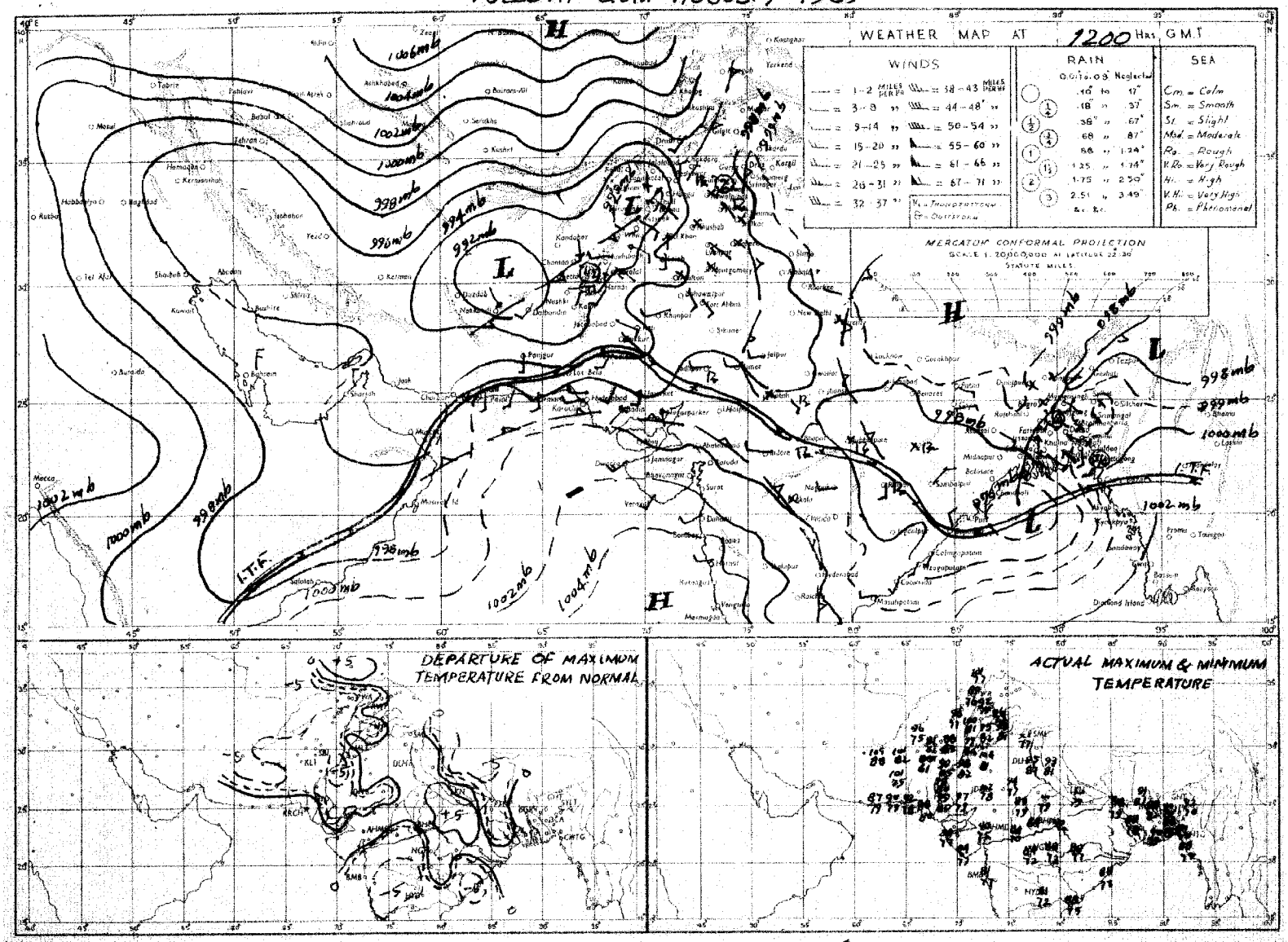
11 712 30 612

06 571 612 19

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 25th AUGUST, 1959



Rainfall amounts indicated in the above chart refer to past 2 hours

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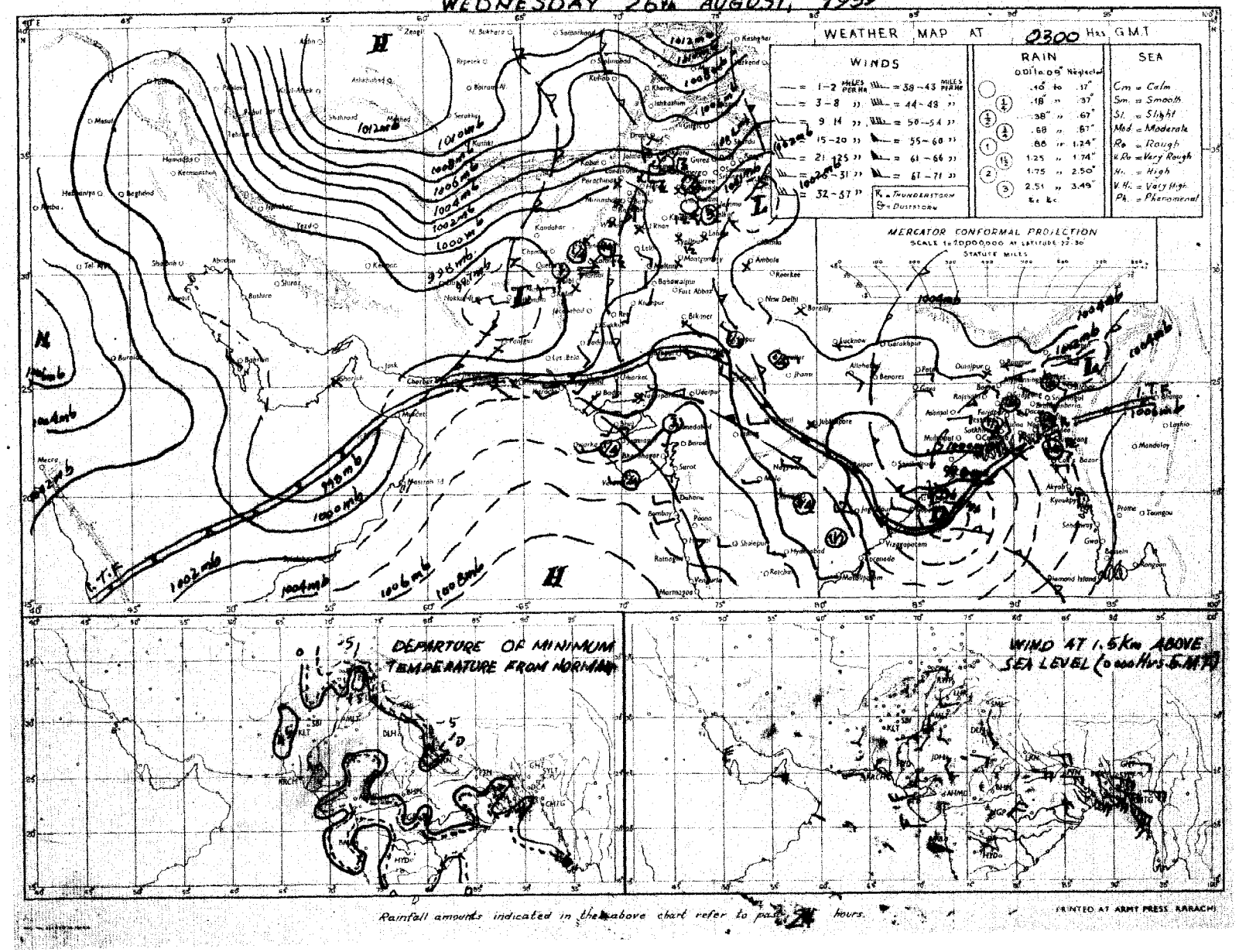
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 26th AUGUST, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

THURSDAY THE 27th AUGUST, 1959.

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

Yesterday's depression moved westnorthwestwards, crossed coast last night and is centred at 27,0300 G. M. T. about 70 miles northeast of Jagdalpur. It is likely to continue move in the same direction.

It has caused fairly widespread rain/thundershowers in Chittagong division, local in Dacca division and scattered in Rajshahi division.

Yesterday's low pressure wave is now moving across Rawalpindi division.

A trough of low lies over Hyderabad and adjoining Kalat division.

Thunderstorms/showers have been widespread in Multan division, local in Rawalpindi, Peshawar, D. I. Khan, Quetta, north Kalat divisions and scattered in Bahawalpur division.

A fresh low pressure wave is moving across Afghanistan.

Chief amounts of rainfall are: Cherat 4"; Harnai 2"; Satkhira, Murree, Chakdara, Sibi, Nushki ½" each and Cox's Bazar, Barisal, Kakul Parachinar, Quetta ¼" each.

Day temperatures were 11—14°F below normal in Lahore division, 3—4°F so in Khairpur, Rawalpindi and lower Peshawar divisions and 3—4°F above normal in Quetta division, the Federal Capital Area and East Pakistan.

Forecast valid until the evening of 28th August, 1959 Fairly widespread rain/thundershowers will occur in Peshawar, Rawalpindi divisions, Kashmir and East Pakistan, local in Quetta, Lahore divisions and scattered elsewhere over West Pakistan.

Heavy Rainfall Warning:— A few moderate to heavy falls of rain are likely to occur in Peshawar and Rawalpindi divisions during the next 24 hours.

Karachi-11
The 27th August, 1959.

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

OBSERVATIONS

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

Divisions	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	3	6	11	07	96	03	6	013	81	4	4	6	1	4	75	89
	Chittagong	010	3	6	16	09	97	02	6	019	83	5	3	5	2	0	77	89
	Maijdee Court	000	9	5	09	13	95	03	1	016	84	3	4	7	6	0	77	88
	Comilla	000	0	8	00	00	96	02	2	025	86	8	4	5	x	x	79	91
	Brahmanbaria	000	0	5	18	05	97	03	1	011	87	2	4	5	0	7	76	90
	Sylhet	000	2	7	27	02	97	07	9	008	86	6	3	6	2	0	77	95
	Srimangal	000	5	7	00	00	96	17	9	018	82	7	3	4	0	0	79	92
Dacca	Mymensingh	000	9	7	18	05	96	03	1	009	87	2	4	4	2	0	77	90
	Narayanganj	000	9	6	13	09	98	02	1	004	86	2	3	5	υ	2	77	89
	Dacca (Tezgaon)	000	8	6	18	05	96	02	2	998	87	6	4	7	υ	0	77	88
	Faridpur	010	4	8	13	04	97	03	6	006	84	x	x	x	x	x	78	88
	Barisal																	
Rajshahi	Khulna	000	0	5	13	05	97	01	2	001	84	5	4	6	0	0	77	88
	Satkhira	003	0	6	00	00	96	03	1	998	83	6	6	8	υ	0	78	89
	Jessore	000	0	4	09	02	97	02	5	996	82	2	4	6	6	0	79	88
	Sirajganj	000	0	2	00	00	98	03	0	988	87	2	1	5	0	0	79	90
	Bogra	000	0	5	1	03	96	03	2	002	88	5	4	5	0	0	78	91
	Dinajpur	010	8	3	00	00	96	01	1	988	88	3	0	9	2	0	88	93
	Rangpur	030	0	5	13	02	96	03	1	xxx	88	1	5	6	2	0	90	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	8	7	00	00	96	50	5	008	81	2	5	6	2	1	75	86
	Sialkot	000	9	7	13	02	98	02	2	006	xx	3	2	6	4	0	74	xx
Rawalpindi	Jhelum	000	8	7	13	05	97	02	2	008	83	2	2	6	7	2	73	89
	Rawalpindi	000	3	6	02	02	98	02	9	004	80	4	2	8	7	0	81	89
	Khushab	000	0	6	11	05	96	03	1	982	91	6	2	6	0	0	78	95
Multan	Lyallpur	007	3	5	16	02	95	02	9	006	80	5	7	5	0	0	73	94
	Montgomery	009	1	8	00	00	96	03	5	014	79	8	4	7	x	x	76	98
	Multan																	
Bahawalpur	Leiah	000	0	8	00	00	98	17	2	965	95	5	9	7	6	0	75	99
	Khanpur	000	0	3	27	05	96	03	0	959	00	0	0	9	υ	3	77	01
	Bahawalpur	000	4	4	27	03	97	03	0	967	01	4	0	8	4	0	81	01
	Fort Abbas																	
Peshawar	Chakdara	000	0	7	27	03	99	01	1	996	87	7	0	8	7	0	76	90
	Peshawar	000	7	7	36	08	97	17	9	985	87	4	9	6	3	0	77	90
	Haripur	000	4	4	23	04	97	03	1	964	91	4	1	6	0	0	73	95
	Campbellpur	000	0	4	13	05	98	01	2	007	89	4	1	7	0	0	81	xx
D. I. Khan	Bannu	000	0	5	07	01	98	03	9	945	97	5	3	6	0	0	81	99
	D. I. Khan	000	6	4	00	00	98	03	0	958	00	4	0	9	4	0	80	02
Quetta	Sibi	000	2	6	23	03	98	03	1	949	05	6	2	5	0	0	70	06
Kalat	Nokkundi	000	0	0	05	02	97	02	0	921	05	υ	0	9	υ	0	59	07
	Turbat	000	0	3	13	02	96	03	0	973	99	3	0	9	6	0	77	01
	Jiwani	000	0	3	13	10	97	02	0	992	86	3	5	5	0	0	76	89
	Pasni	000	0	2	13	12	98	02	0	990	87	2	5	7	0	0	81	88
	Ormara	000	0	4	23	05	98	01	1	990	87	4	2	7	0	0	79	94
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	4	23	10	97	02	1	995	87	4	6	4	0	0	80	89
	Karachi (Air Port)	000	9	5	23	10	97	01	5	998	87	5	5	6	0	0	75	89
	Badin	000	0	0	23	02	97	00	0	006	88	0	0	9	0	0	75	93
	Nagarparkar	000	0	4	25	02	96	01	2	982	92	4	6	7	0	0	71	93
	Umarkot	000	0	6	20	07	98	02	1	979	92	6	4	6	0	0	75	96
	Hyderabad	000	0	5	23	03	97	02	1	970	93	3	5	6	0	1	73	96
Khairpur	Pad-i-dan	000	9	3	05	02	98	03	1	970	01	3	2	6	0	0	68	02
	Nawabshah	000	0	5	18	05	96	02	2	972	98	3	1	6	υ	1	80	99
	Sukkur	000	8	4	25	02	96	03	0	960	99	4	0	9	5	0	75	01
	Kashmore	000	0	0	18	05	99	10	0	969	96	0	0	9	0	0	72	93
	Jacobabad	000	0	3	13	03	96	02	0	958	87	1	1	7	0	0	76	00
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	003	5	7	01	02	97	02	6	441	66	7	3	3	0	0	63	69
Peshawar	Drosh	000	5	2	23	10	97	02	2	384	92	2	2	7	0	0	58	98
	Cherat	000	0	8	18	05	97	17	2	445	75	1	6	6	1	0	74	83
	Kakul	018	7	7	13	05	97	01	4	434	78	1	2	5	4	2	69	79
	Landi Kotal	000	0	7	13	03	98	03	2	422	82	7	6	5	0	0	70	87
D. I. Khan	Parachinar	030	3	3	00	00	99	01	6	796	71	3	0	9	1	0	58	xx
	Miranshah	000	0	4	05	02	99	02	1	411	92	4	0	8	2	2	80	95
	Wana																	
Quetta	Fort Sandeman	000	4	7	18	03	99	02	9	432	84	4	8	6	2	0	59	90
	Hindubagh	002	4	8	02	02	94	03	0	366	85	7	0	9	5	4	63	86
	Loralai	008	0	5	23	02	98	02	1	446	87	5	0	9	2	0	64	88
	Harnai	000	2	5	06	02	98	03	1	xxx	xx	x	x	x	x	x	xx	xx
	Quetta	000	0	7	11	03	96	02	0	427	75	7	0	8	1	0	63	87
	Chaman	000	0	0	27	02	98	02	0	409	98	0	0	9	0	0	62	00
	Kalat	000	0	1	09	05	97	02	1	401	81	1	1	7	0	0	56	85
Kalat	Nushki	000	0	7	09	15	97	03	0	481	04	7	9	6	0	0	75	07
	Dalbandin	000	2	3	13	03	96	29	9	395	03	3	8	8	0	0	56	04
	Panjgur	000	0	6	23	07	98	03	2	428	84	6	9	4	4	0	66	92
Afghanistan	Kabul	000	0	0	36	02	99	00	0	461	87	0	0	9	0	0	58	94
	Kandahar																	

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

Stations	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	020	9	6	16	03	95	60	6	052	81	5	4	6	2	0	78	76
Chittagong	010	0	7	13	09	97	02	2	047	84	5	2	6	2	0	75	78
Maijdee Court	010	8	8	13	09	97	03	6	068	82	2	2	6	2	x	77	77
Comilla	000	0	0	00	00	98	00	0	022	86	0	0	9	0	0	76	78
Brahmanbaria	008	0	3	13	05	97	01	1	070	85	1	5	5	4	0	76	79
Sylhet	011	9	7	09	05	96	02	9	075	84	4	4	5	6	0	76	76
Srimangal	003	9	3	00	08	96	03	9	044	85	2	4	7	8	2	78	77
Mymensingh	000	0	4	13	02	98	02	1	048	87	0	0	9	0	4	77	80
Narayanganj	006	9	8	16	05	97	03	6	063	87	6	4	4	0	1	77	79
Dacca (Tezgaon)	007	9	7	13	09	98	02	9	056	85	6	8	4	0	4	79	78
Faridpur	000	9	5	16	05	97	03	0	036	85	5	7	7	υ	υ	78	78
Barisal	030	4	8	00	00	97	03	6	025	85	8	7	6	x	x	78	79
Khulna	000	0	7	00	00	96	01	2	050	85	7	5	6	0	0	79	79
Satkhira	040	0	6	13	02	96	03	6	048	86	6	6	8	υ	0	79	79
Jessore	008	9	8	13	07	97	03	6	046	84	8	4	5	x	x	80	79
Sirajganj	000	0	8	13	05	98	02	2	055	85	8	2	5	x	x	78	79
Bogra	007	8	6	13	05	96	02	6	056	87	4	5	5	3	1	78	79
Dinajpur	000	3	4	09	02	96	02	2	039	86	4	0	9	2	0	79	81
Rangpur	000	0	6	09	05	96	01	2	xxx	84	6	5	6	0	υ	78	81
Jammu																	
Lahore (Jail Rd)	000	9	7	00	00	96	03	5	045	81	7	0	9	7	0	75	76
Sialkot	000	0	2	00	00	98	01	0	042	80	2	0	9	3	υ	77	74
Jhelum	000	9	6	31	02	98	01	1	045	82	4	0	9	3	1	78	76
Rawalpindi	000	0	6	25	02	99	03	1	050	80	4	0	9	6	4	79	75
Khushab	000	0	2	09	02	96	01	1	038	84	2	4	6	υ	0	77	80
Lyallpur	007	9	5	00	00	95	02	9	039	79	5	2	8	0	0	78	79
Montgomery	010	0	4	00	00	96	01	6	036	80	2	2	7	7	0	79	79
Multan	000	0	8	05	02	96	20	2	039	83	2	5	6	7	0	80	82
Leiah	000	0	7	10	00	97	01	2	041	86	7	0	8	3	0	77	81
Khanpur	000	0	4	11	07	96	05	0	034	85	4	0	9	4	0	80	82
Bahawalpur	000	0	8	00	00	97	03	0	038	85	4	0	8	1	4	79	81
Fort Abbas																	
Chakdara	045	3	8	00	00	96	03	4	048	73	8	6	7	x	x	69	71
Peshawar	015	9	7	00	00	96	12	9	075	75	4	5	2	1	0	73	73
Haripur	005	2	6	02	02	97	41	6	043	75	6	5	6	υ	0	73	75
Campbellpur	000	1	8	05	03	97	20	9	079	77	8	3	8	x	x	74	76
Bannu	000	0	0	00	00	99	00	0	041	83	0	0	9	0	0	73	79
D. I. Khan	000	0	5	00	00	98	02	1	044	83	5	0	9	5	0	79	80
Sibi	068	2	5	00	00	98	03	6	031	83	0	0	9	0	2	77	76
Nokkundi	000	0	0	18	02	97	02	0	018	85	0	0	9	0	0	65	84
Turbat	000	0	6	27	02	95	03	0	03	83		0	9	6	0	74	xx
Jiwani	000	0	5	09	02	96	01	1	031	83	3	5	5	0	1	74	80
Pasni	000	0	6	16	02	97	02	0	034	82	6	5	7	0	0	78	79
Ormara	000	0	6	27	03	98	02	1	025	83	6	2	5	0	0	79	80
Las Bela																	
Karachi (Manora)	000	0	7	25	09	96	03	1	029	82	2	6	4	3	0	76	80
Karachi (Air Port)	000	9	7	27	09	97	03	5	027	82	1	6	5	5	0	75	81
Badin	000	2	8	23	02	96	00	0	042	80	0	0	9	0	0	79	79
Nagarparkar	000	0	6	00	00	96	03	1	040	85	6	7	7	0	0	74	79
Umarkot	000	0	7	23	05	98	00	0	027	83	7	0	9	4	0	76	77
Hyderabad	000	0	6	23	03	97	02	2	005	83	2	0	9	8	1	74	80
Pad-i-dan	000	0	6	13	03	98	03	1	023	84	2	3	6	7	0	74	82
Nawabshah	000	0	6	00	00	96	01	2	020	83	1	1	6	3	0	79	81
Sukkur	000	9	8	20	02	96	03	2	022	86	8	0	9	6	x	77	84
Kashmore	000	0	7	05	02	99	00	0	027	87	7	1	6	0	0	76	85
Jacobabad	000	0	5	09	02	96	02	1	023	88	0	0	9	0	9	80	81
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	056	2	7	13	02	98	02	6	488	64	5	5	5	8	0	63	59
Drosh	000	9	8	23	03	96	03	2	467	77	6	5	6	2	x	62	76
Cherat	413	2	8	13	03	91	47	6	482	69	8	5	6	x	x	69	66
Kakul	032	4	8	31	16	95	50	6	491	68	8	9	4	x	x	66	67
Landi Kotal	000	0	7	05	01	98	03	2	473	71	7	0	5	0	0	66	xx
Parachinar	030	0	0	36	02	99	00	0	797	68	0	0	9	0	0	63	xx
Miranshah	000	0	0	00	00	99	00	0	460	82	0	0	9	0	0	67	75
Wana	000	0	2	11	02	97	20	6	474	76	[illegible]	0	9	6	0	xx	70
Fort Sandeman	000	0	3	05	02	98	02	0	478	78	2	1	6	0	1	66	73
Hindubagh	000	0	0	09	03	98	00	0	403	74	0	0	9	0	0	60	73
Loralai	000	0	4	00	00	98	02	1	452	72	0	0	9	0	3	66	63
Harnai	117	8	3	09	02	96	02	6	xxx	xx	x	x	x	x	x	xx	xx
Quetta	033	9	6	16	03	96	01	6	411	70	6	0	7	8	0	63	65
Chaman	000	8	0	36	03	98	02	0	456	81	0	0	9	0	0	57	73
Kalat	005	0	7	36	05	97	02	6	473	65	7	4	7	0	0	57	61
Nushki	050	0	6	09	05	98	03	6	464	53	0	0	9	0	9	70	77
Dalbandin	016	9	5	27	02	97	03	9	440	81	4	0	9	5	1	67	77
Panjgur	000	0	2	00	00	98	03	1	458	75	2	0	9	2	0	67	76
Kabul	000	0	2	18	02	99	03	0	524	70	2	2	8	0	0	60	65
Kandahar																	

Departure from Normal of / Rainfall

Stations	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	+ 3		97.8	+ 6.5	113.7	140
Chittagong	+ 3	+ 2	78.8	+ 6.1	111.7	108
Maijdee Court	+ 3	— 1	75.5	+ 9.6	107.4	115
Comilla	+ 3	+ 1	51.5	+ 1.5	77.5	94
Brahmanbaria	—	—	35.3	— 2.2	61.3	74
Sylhet			108.0	—	146.0	—
Srimangal	+ 2	+ 1	53.4	+ 7.2	86.4	78
Mymensingh		+ 2	62.1	+15.9	84.2	91
Narayanganj	+ 2	0	42.9	+ 6.0	63.2	74
Dacca (Tezgaon)	—		42.5	—	58.4	
Faridpur	+ 1	0	39.5	+ 3.3	67.9	71
Barisal	+ 1	— 1	61.9	+ 16.3	76.7	81
Khulna	0	1	45.1	+ 6.0	65.9	66
Satkhira	0	+ 1	34.7	1.3	52.9	65
Jessore	—	—	34.8	+ 0.5	70.6	65
Sirajganj	+ 3	0	47.8	+14.8	72.5	64
Bogra	+ 3	+ 1	47.1	+ 9.4	66.2	69
Dinajpur	+ 4	+ 3	28.3	— 11.6	45.7	72
Rangpur	+ 2	+ 4	44.0	— 1.6	63.9	84
Jammu						
Lahore (Jail Rd)	— 11	— 3	19.7	+12.3	23.5	19
Sialkot	—	— 3	38.0	+19.0	44.1	32
Jhelum	—	—	31.6	—	41.8	—
Rawalpindi	— 4	+ 1	25.9	+ 7	38.9	36
Khushab	— 4	— 1	12.7	+ 4.1	18.2	15
Lyallpur	— 3	0	10.6	+ 3.2	13.3	13
Montgomery	— 2	— 1	3.9	— 2.1	6.3	10
Multan		0	4.9	+ 0.6	7.0	7
Leiah	—	—	3.9		[illegible]	8
Khanpur	— 2	0	0.3	— 4.0		6
Bahawalpur	0	+ 2	5.4	+ 1.4		6
Fort Abbas						4
Chakdara	—	—	5.8	—	21.3	—
Peshawar	— 7	— 4	5.8	+ 2.3	18.7	14
Haripur	—	—	—	—		—
Campbellpur	—	—	16.0	—	29.9	—
Bannu	—	—	10.0	—	16.9	11
D. I. Khan	+ 2	0	9.8	+ 5.2	13.5	10
Sibi	—	—	3.1	—	3.3	5
Nokkundi	—	—	0	—	1.1	2
Turbat	—	—	2.1	—	6.6	—
Jiwani	—	—	0.1	—	5.7	4
Pasni	0	+ 4	0.1	— 0.9	3.7	6
Ormara	—	—	0.2	— 0.6	2.1	6
Las Bela						8
Karachi (Manora)	+ 4	+ 2	6.5	+ 1.0	6.5	8
Karachi (Air Port)	—	—	9.8	—	10.1	—
Badin	0	— 1	4.6	— 1.3	4.6	9
Nagarparkar	—	—	8.5	—	8.5	—
Umarkot	—	—	11.6	—	12.4	—
Hyderabad	0	+ 2	6.4	+ 1.1	7.1	7
Pad-i-dan	—	—	4.8	—	5.1	—
Nawabshah	—	—	3.1	—	3.8	—
Sukkur	—	—	1.2	—	2.3	4
Kashmore	—	—	0	—	0.1	—
Jacobabad	— 3	0	3.7	+ 1.6	4.4	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
HILL STATIONS						
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						26
Leh						3
Skardu						6
Misgar						—
Aliabad						—
Gilgit						5
Murree	— 1	+ 2	36.2	— 7.3	61.5	59
Drosh	+ 5	+ 6	1.3	—	30.4	18
Cherat	— 2	— 3	14.0	+ 4.7	23.9	29
Kakul	—	—	36.4	—	46.1	—
Landi Kotal	—	—	2.5	—	17.5	—
Parachinar	—	—	12.1	—	26.1	29
Miranshah	—	—	2.7	—	5.7	13
Wana	—	—	4.3	—	13.3	—
Fort Sandeman	— 5	+ 2	5.4	+ 1.8	14.1	11
Hindubagh	—	—	3.3	—	11.3	—
Loralai	—	—	6.8	—	17.6	—
Harnai	—	—	4.3	— 4.9	10.6	14
Quetta	—	—	4.2	+ 3.3	9.8	8
Chaman	+ 5	+ 5	0.1	— 0	6.3	7
Kalat	+ 1	+ 7	4.7	+ 3.6	8.9	9
Nushki	—	—	0.9	—	2.8	—
Dalbandin	— 1	+ 8	0.7	— 0.1	2.2	5
Panjgur	— 8	+ 3	1.4	—	3.0	4
Kabul	—	—	—	—	—	12
Kandahar						—

† Given in Code.

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

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

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

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 27th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_s Ch_s h_s$	O $T_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cilicia	43 218	691 00	8 24 18	98 02 2	173 80	89 9 xx	76 91 0	...	0 04 79	1 24 82
Valletia	43 211	658 00	3 00 00	98 02 1	013 81	31 5 00	24 40 0	...	0 52 75	1 00 x0
Udomaru	43 153	711 00	7 29 20	96 02 1	060 81	28 4 37	75 61 5	...	0 52 73	1 29 65
Daressa	43 209	706 00	7 22 05	98 25 8	030 81	77 5 20	65 63 5	...	0 02 79	1 22 xx
Caltex Rotterdam	43 213	595 00	6 16 07	97 03 1	999 75	66 3 00		...	0 50 72	1 16 21
Bethsabe	43 182	573 00	0 22 18	97 12 0	988 72	00 9 00	16 40 1	...	0 05 70	1 22 22
Alhumain	43 142	732 06	8 28 18	98 03 2	083 82	57 4 3x	33 40 0	...	0 01 76	1 26 33
Iso Cardia	43 201	588 06	8 24 08	97 04 4	055 72	xxx xx	1x 28 5	...	0 02 70	1 24 x0
Cilicia	43 230	680 06	7 24 18	98 02 2	123 80	78 6 00	76 20 5	...	0 54 79	1 24 33
Caltex Rotterdam	43 222	599 06	7 10 06	98 03 1	015 79	78 4 08	...	...	0 10 68	1 18 20
Isemaru	43 165	691 06	7 23 23	97 02 2	080 82	74 4 54	75 21 0	...	0 02 72	1 23 23
Karunun	43 163	697 06	5 24 18	98 02 2	064 82	51 4 50	35 10 7	...	0 02 73	1 24 43
Bethsabe	43 193	582 09	1 22 12	97 01 0	982 75	10 8 07	15 81 0	...	0 05 73	1 22 x1
Caltex Rotterdam	43 234	591 12	6 09 08	98 02 0	995 84	11 4 01	...	...	0 50 75	1 09 21
Isocardia	43 214	596 12	1 10 10	98 01 4	040 79	00 9 01	16 71 5	...	0 00 73	1 10 x0
Valletia	43 228	677 12	4 23 09	98 03 0	015 82	41 5 00	34 20 8	...	0 51 75	1 23 21
Daressa	43 224	677 12	4 22 13	98 01 8	014 82	27 5 21	75 71 0	...	0 03 79	1 23 x4
Tova	43 262	553 12	8 24 06	97 03 1	960 xx	80 7 5x	24 71 2	...	0 05 84	1 24 22
Bethsabe	43 200	588 12	7 19 08	97 03 4	973 73	78 5 40	15 70 9	...	0 02 73	1 20 x8
Valletia	43 219	687 18	4 23 10	98 01 0	045 77	xxx xx	34 20 5	...	0 52 75	1 23 21
Isemaru	43 180	670 18	8 26 15	96 02 2	075 81	88 3 xx	75 31 5	...	0 00 75	...
Isocardia	43 229	596 18	3 12 08	98 02 1	075 81	00 9 07	76 21 5	...	0 57 73	1 12 x0
Caltex Rotterdam	43 244	582 18	1 11 07	98 03 0	015 82	11 4 00		...	0 52 75	1 11 20
Daressa	43 233	676 18	0 22 13	98 02 0	029 82	00 9 00	75 11 0	...	0 00 xx	...
Bethsabe	43 213	595 18	4 10 07	98 03 0	005 77	49 5 00	85 22 3	...	0 03 75	1 18 20

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		$PPPTTTT_dT_dT_d$	HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	23 00	003 282 248	034 262 218	..	420 178 112	...	090 095 042	363 035 512	823 552 612	548 652 742	967 782	245 005	427 148	..
Jiwani														
Karachi	00 00	000 278 248	Misda	...		..								
Lahore	00 00	980 245 232	035 xxxxxx	..	425 165 999	...	054 052 999	297 510 999	733 570 999	451 638 999	961 688	000 765	370 808	808 865
Multan														
Peshawar	00 00	964 238 232	...	...	380 215 215	...	042 115 115	318 045 045	784 542 542	529 620 999	969 738		...	—
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		PPPTTT $T_dT_dT_d$									PPPTTT $T_dT_dT_d$	St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	23 00	900 205 162	800 155 092	590 002 548	350 705 772	...	...	..	...	...	350 705 772	..	...
Jiwani													
Karachi	00 00		Misda		...	...		...	...	...		...	...
Lahore	00 00	900 202 195	800 125 999	614 000 999	...	...	...	...	...	...	614 000 999	...	...
Multan													
Peshawar	00 00	900 215 215	830 178 178	...	...	...	..	...	...	...	800 178 178	...	...
Quetta													

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

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

UPPER WIND DATA*

Height in Kms. a.s.l →	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)					
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra	13 13	13 14	13 11	...	.	...	...	...	...	13 15	15 05	16 13	14 12	14 18	..
Chaklala	...	14 06	03 04	08 02						...					
Chhor	22 13	22 10	22 10	22 09	31 03	13 05	09 07	05 06	03 06	24 15	26 15	23 09	15 07	12 12	09 12
Chittagong	17 16	17 32	17 35	18 20	..	..	...	...	...	15 26	15 31	15 32	14 22	...	..
Cox's Bazar	16 20	17 22		...	...	...		...	..	17 20				...	..
Dacca	15 12	15 19	15 20	15 21	14 21	13 19	13 21	12 20	11 21	15 17	15 20	16 19	16 13	15 15	15 14
Dalbandin	..	...	23 01	17 02	34 01	...	.		...	...	.	14 03	11 15	36 03	04 10
D. I. Khan	...	...	...				...			...	...				
Drosh	...	.	..		23 16	20 17	20 17	21 27	22 32	...	...	.	24 05	22 06	18 08
Fort Sandeman	...			16 04	08 05	06 07	12 19	...					04 06	32 03	06 03
Jacobabad	16 08	19 03	23 03	35 03	08 13	06 12		...	...	01 07	05 08	05 07	01 02	11 08	14 03
Jessore	12 19	13 23	13 27	13 23				...	...	15 12					
Jhelum	12 17	11 19	12 17	12 07	13 05	32 05	31 04		...	19 02	26 01	10 01	08 02	09 05	28 02
Jiwani	15 15	13 12	08 19	08 17	xx xx	xx xx	xx xx	06 14	06 12	10 06	10 12	09 15	...	...	
Karachi	24 15	25 12	25 07	07 04	08 04	03 07	03 08	03 05	03 06	27 11	27 12	28 12		..	...
Khanpur	23 06	20 07	18 06							11 21	10 23	10 25	09 29	...	
Lahore	12 07	15 15	14 15		..	...	...		...	03 03	31 02	29 03	14 02	13 03	12 07
Multan	07 03	21 03	22 06	14 04	...		...	..	...	07 10	06 03	07 06	07 06	..	...
Muscat	...	...	..	...	...	..	...	.	...	.	...		...	...	...
Panjgur	...	...	..	..	...	..	..	...	...	.			...	...	...
Peshawar	...	..		...	...					.	29 03	04 03	..		
Quetta	...	...	...	...	21 10	13 03	01 12	36 12	35 05	.	...	...	...	08 04	34 01
Sharjah							...	...	...						
Sylhet	24 06	19 04	18 08	16 10	13 10	12 13	..	...	...	16 06	17 09	18 09	13 04	28 01	10 01
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	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	14 15	14 16	14 18	...	...	...	...	...	...	...	...
Chaklala	...	...	...	...	...	..	...	...	...	...	...
Chhor				...	...		..	...	...	...	...
Chittagong	19 12	18 15	19 17	20 20	21 21	19 16		...	...	...	...
Cox's Bazar	No	Ascent	...	...	...	...	...	...	...	...	...
Dacca	16 08	16 13	16 16	15 14	18 11	13 10	12 15	10 12	09 13	10 15	10 15
Dalbandin	...	...	24 07	19 07	06 03	06 15	08 24	10 32	11 30	08 14	09 10
D. I. Khan		...	...	...			...	...	...	...	...
Drosh	...	...	...	...	21 04	19 03				...	...
Fort Sandeman		...		06 01	09 03	06 06	03 13	17 08	18 07	...	...
Jacobabad	11 03	06 05	03 06	04 08	02 05	09 16	...	...	...	.	...
Jessore	15 12	15 14	15 16	15 17				...	...	...	...
Jhelum	31 05	33 11	33 08	09 04	17 07	13 04	22 04	21 08	21 09	20 17	—
Jiwani	10 10	08 06	07 06	08 14	09 22	09 23	..	...	..	...	...
Karachi	28 10	28 12				...	...	...	..		...
Khanpur	07 04	07 08	04 09	05 15	06 12		...		...	...	...
Lahore	35 06	35 04	34 02	13 02	08 04	12 05	19 06	18 10	17 08	19 17	21 08
Multan	06 02	07 05	07 07			...	...		...	...	...
Muscat	...	..	...	...	...	..	...	...	...	...	...
Panjgur	...						...	..	.	...	...
Peshawar	...	25 03	01 10	08 11	34 08	30 04	28 17				
Quetta	...	...	...	.	12 04	04 08	08 11	10 07	23 03	12 04	21 06
Sharjah						...		...	...	...	...
Sylhet	09 03	12 02	20 03	19 05	17 08	...	.	...	.	.	...
Veraval	..	...		...	...	..	...	...	...		...

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

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

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Misda																	
Dacca	Misda	...	...	...	...	...	...		...		...	...		...	...	...	...	...
Karachi		35 18	12 25	23 13	13 02	05 02	29 15	27 12	29 12	31 24	26 15	24 13	23 21	...	...	...	...	...
Peshawar														...		...	...	...
Quetta																		

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

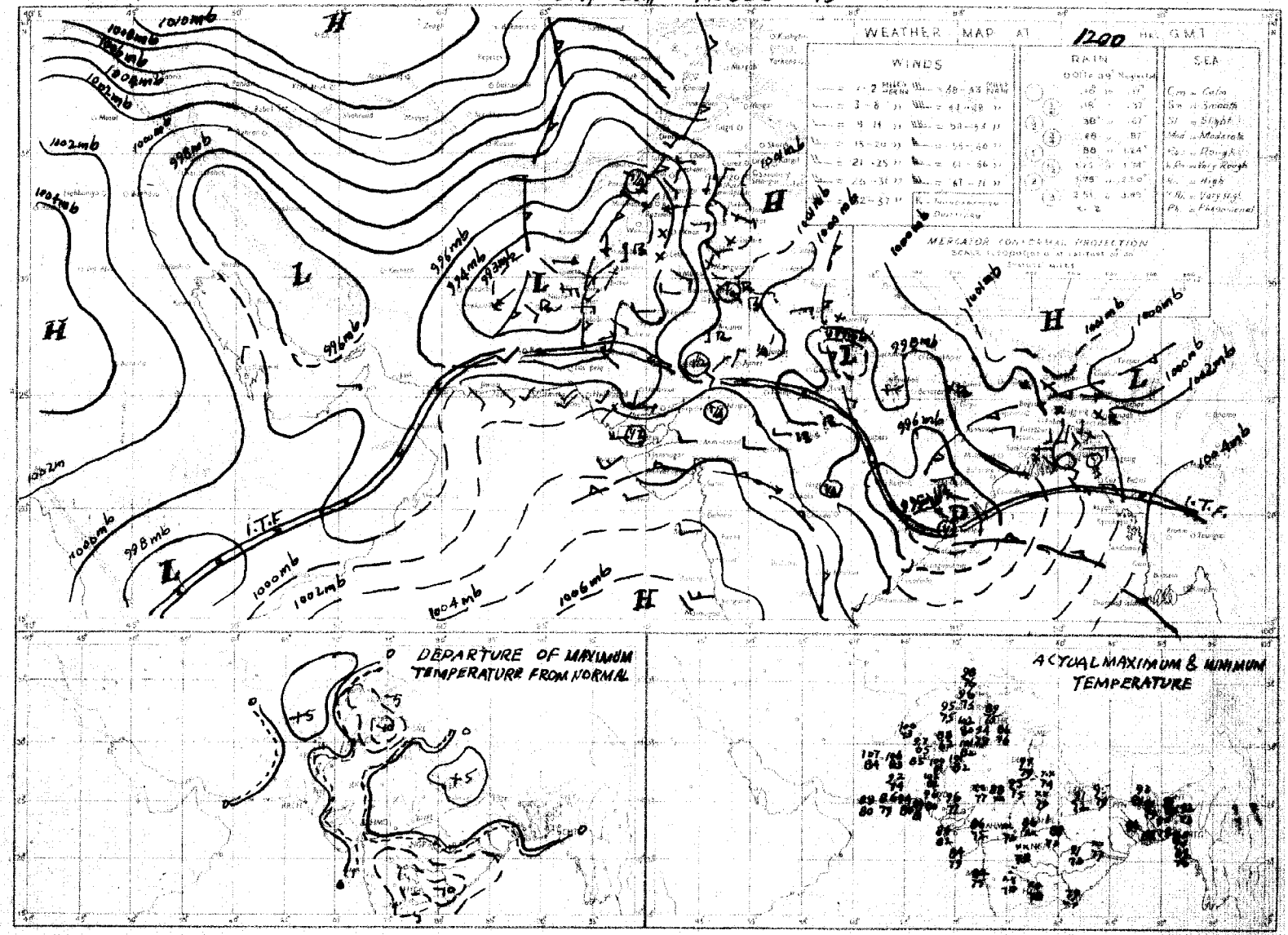
Cloud observation Data (GGill Cddv,v,etc.)

12 571 61 205 11 768 31 385 11 712 60 710 05 718 30 819

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 26th AUGUST. 1959



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

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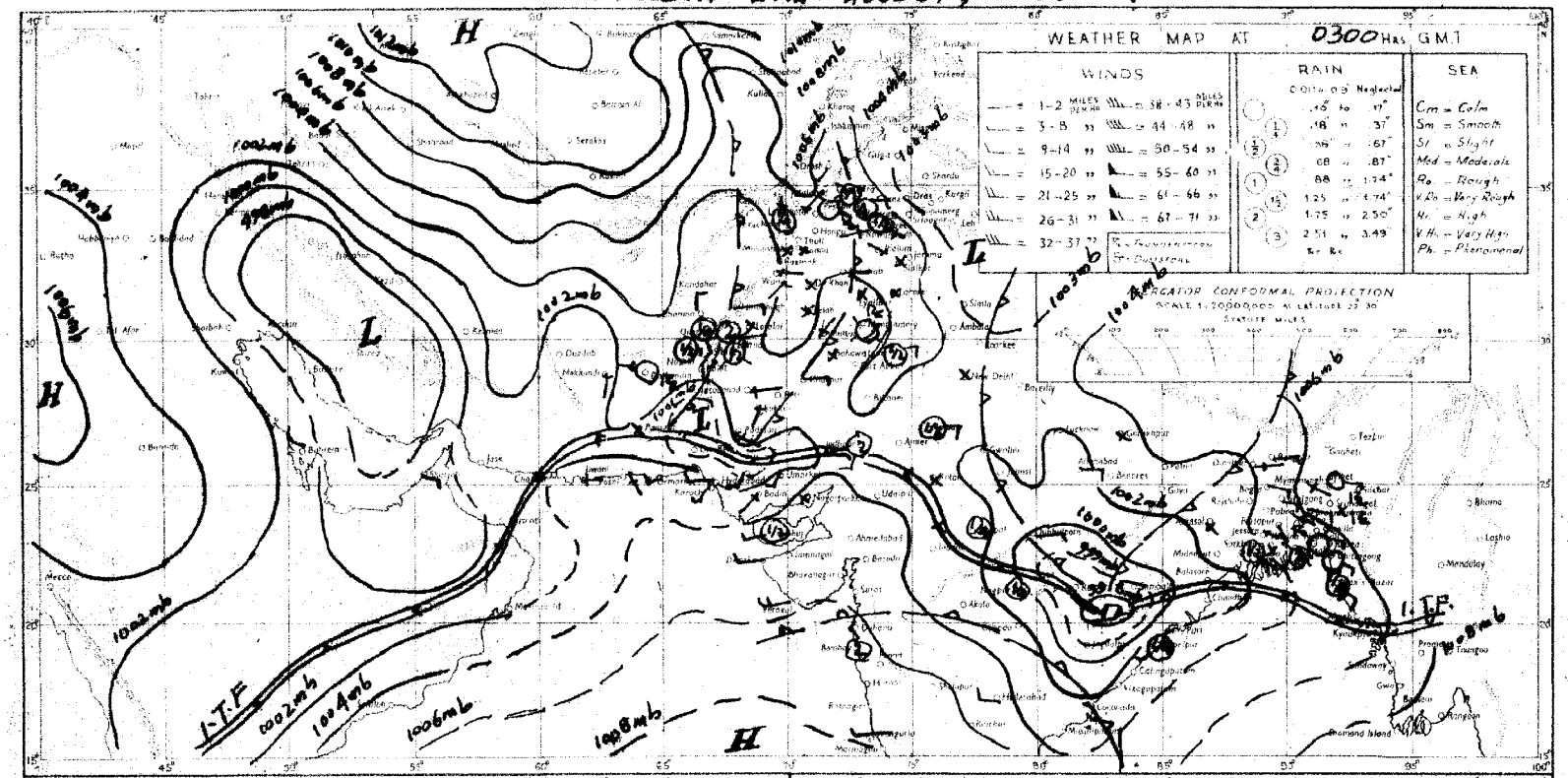
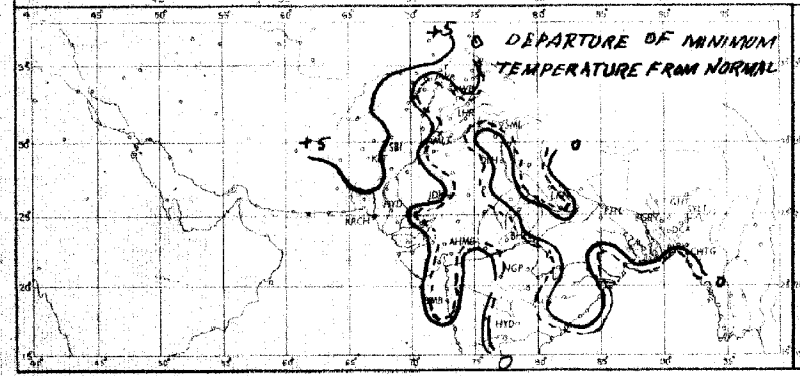
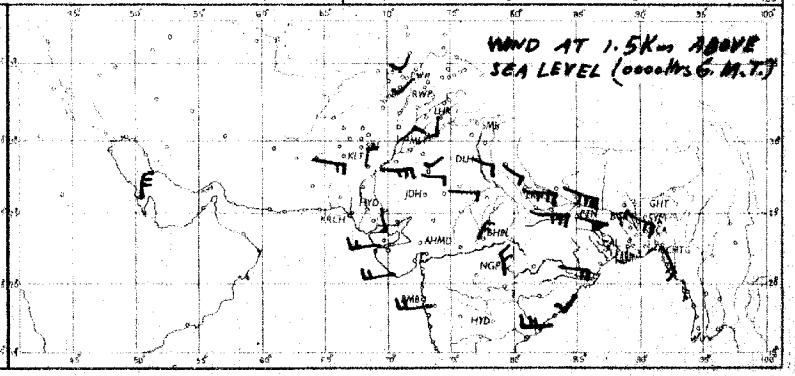
PAKISTAN DAILY WEATHER MAP

THURSDAY 27th AUGUST, 1959







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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

FRIDAY THE 28th AUGUST, 1959.

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

Yesterday's depression moved west northwestwards, weakened and lies as a shallow depression centred at 28,0300 G. M. T. near Seoni, India. It is likely to move in the same direction.

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

The low pressure wave over Rawalpindi division moved away eastwards. Another low pressure wave is now moving across Peshawar division.

Yesterday's trough now lies over Hyderabad and adjoining Khairpur divisions.

They have caused fairly widespread rain/thundershowers in Quetta division, local in Hyderabad and Khairpur divisions and the Federal Capital area and scattered elsewhere over West Pakistan outside Lahore and north Kalat divisions.

Chief amounts of rainfall are: Chittagong, Karachi (air port), Nawabshah and Sukkur 1" each, Maijdee Court, Sylhet, Srimangal, Dacca, Murree, Fort Abbas, Fort Sandeman, Hindubagh, Harnai and Hyderabad ½" each and Narayanganj. Barisal, Satkhira, Kakul, Loralai and Quetta ¼" each.

Day temperatures were 5—10°F below normal in Khairpur and lower Peshawar divisions.

Forecast valid until the evening of 29th August, 1959. Local rain/thundershowers will occur in Lahore, Rawalpindi, Hyderabad, Khairpur divisions, Kashmir and East Pakistan and scattered elsewhere in West Pakistan.

Karachi-11
The 28th August, 1959.

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

OBSERVATIONS

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

Divisions	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	088	7	7	16	05	96	02	6	046	81	6	4	6	2	0	78	84
	Chittagong	000	0	7	16	09	97	02	2	041	82	4	3	5	2	2	77	87
	Maijdee Court	000	9	3	13	09	97	03	2	031	84	2	1	9	0	4	77	87
	Comilla	000	0	5	00	00	96	03	0	032	86	5	4	5	8	6	77	89
	Brahmanbaria	013	3	8	00	00	96	03	6	028	86	6	4	4	0	0	77	90
	Sylhet	000	0	6	00	00	97	01	2	026	87	1	4	6	7	1	78	88
	Srimangal	000	0	7	13	02	98	02	2	028	85	8	7	5	x	x	78	91
Dacca	Mymensingh	000	0	8	12	02	97	02	2	028	86	8	7	x	x	x	78	91
	Narayanganj	000	9	7	18	05	96	03	2	027	84	3	4	3	2	8	78	89
	Dacca (Tezgaon)	011	2	7	13	03	98	02	6	020	83	2	3	5	4	3	78	88
	Faridpur	000	8	3	16	05	96	01	1	004	87	3	4	8	0	0	79	87
	Barisal	015	4	8	00	00	97	03	6	026	84	6	7	5	4	0	78	88
Rajshahi	Khulna	000	0	3	18	03	97	01	1	023	85	3	5	7	0	0	78	88
	Satkhira	033	0	6	00	00	94	03	6	019	82	x	x	7	x	x	78	90
	Jessore	000	0	4	18	03	97	02	2	018	85	4	4	5	0	0	81	89
	Sirajganj	000	0	8	18	03	98	02	2	971	85	8	0	9	5	0	79	89
	Bogra	005	4	7	16	[illegible]	96	03	6	014	85	3	4	6	7	8	78	89
	Dinajpur	000	8	6	00	00	96	02	2	013	89	6	0	9	2	0	73	93
	Rangpur	[illegible]	0	3	13	02	96	01	2	xxx	87	3	5	6	0	0	79	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	8	4	00	00	97	03	1	005	94	2	2	7	0	4	75	95
	Sialkot	000	0	0	00	00	98	00	0	997	94	0	0	9	0	0	80	95
Rawalpindi	Jhelum	000	8	3	23	02	98	01	1	993	96	1	1	7	3	1	79	99
	Rawalpindi	000	0	1	29	05	99	01	1	006	90	1	2	8	0	0	75	92
	Khushab	000	0	4	00	00	96	03	2	011	97	4	2	6	0	0	76	99
Multan	Lyallpur	000	0	5	00	00	96	02	0	012	93	5	0	9	4	0	79	94
	Montgomery	000	0	0	00	00	96	00	0	006	95	0	0	9	0	0	80	96
	Multan	000	0	4	09	02	97	03	0	999	96	3	2	6	0	2	76	99
Bahawalpur	Leiah	000	0	6	18	02	98	01	2	998	96	2	1	8	4	0	75	99
	Khanpur	000	0	8	02	02	96	05	0	986	97	3	0	9	3	0	80	02
	Bahawalpur	000	0	3	09	02	96	00	0	xxx	97	0	0	8	4	0	77	08
	Fort Abbas	045	0	7	34	02	98	00	0	988	xx	0	8	8	0	0	79	05
Peshawar	Chakdara	000	0	0	23	02	98	02	1	036	90	0	0	9	0	0	73	92
	Peshawar	000	0	1	03	02	98	02	1	034	90	1	3	6	1	0	71	91
	Haripur	000	0	2	05	05	98	01	1	032	90	0	0	x	0	0	76	90
	Campbellpur																	
D. I. Khan	Bannu	000	0	6	11	01	99	03	0	002	93	6	0	2	9	3	73	00
	D. I. Khan	000	6	2	00	00	98	03	0	999	98	0	0	9	2	0	75	18
Quetta	Sibi	000	5	8	13	05	97	02	2	018	90	8	8	5	0	0	74	01
Kalat	Nokkundi	000	0	0	20	02	97	00	2	997	02	0	0	9	0	0	56	04
	Turbat	010	1	9	23	02	95	21	2	997	91	0	0	8	6	0	81	03
	Jiwani	000	0	5	13	12	96	02	2	006	87	2	6	5	0	1	78	90
	Pasni	000	0	6	13	10	97	00	0	005	83	2	5	7	0	8	82	89
	Ormara	000	0	5	27	05	98	02	1	000	90	5	2	6	0	0	77	93
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	10	97	03	5	006	86	0	0	9	2	9	81	89
	Karachi (Air Port)	003	8	7	27	09	96	03	5	012	86	6	6	5	3	0	74	89
	Badin	000	0	0	23	02	97	00	0	015	90	0	0	9	0	0	76	93
	Nagarparker	000	0	2	23	02	96	01	1	996	93	2	0	9	2	0	71	93
	Umarkot	000	3	7	18	03	98	00	5	999	83	7	5	6	0	0	78	93
	Hyderabad	000	0	7	23	02	97	03	1	011	93	4	5	6	2	1	71	97
Khairpur	Pad-i-dan	003	4	6	36	03	98	01	6	014	87	2	2	6	7	0	77	96
	Nawabshah	100	3	8	11	07	96	95	6	019	30	8	9	4	0	0	77	99
	Sukkur	089	8	4	27	02	96	03	6	007	89	4	0	9	6	0	64	93
	Kashmore	000	0	4	05	00	99	00	0	005	94	4	1	7	0	0	75	95
	Jacobabad	000	0	7	36	05	96	02	2	025	85	2	4	7	2	8	79	93
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Alibad																	
	Gilgit																	
Rawalpindi	Murree	052	2	4	00	00	98	01	6	464	67	2	5	4	8	0	65	xx
Peshawar	Drosh	800	8	4	23	07	98	03	2	422	92	4	2	7	0	0	57	95
	Cherat	000	0	0	27	03	99	00	1	462	78	0	0	9	0	0	73	80
	Kakul	020	8	3	31	03	99	01	6	460	83	2	2	6	6	2	65	85
	Landi Kotal	000	0	2	05	02	98	03	1	453	85	0	0	9	5	4	59	86
D.I. Khan	Parachinar	010	1	5	00	00	99	01	2	796	71	0	1	9	1	0	64	xx
	Miranshah	000	0	6	05	02	99	03	0	446	87	4	2	7	2	0	70	91
	Wana	000	0	6	23	03	99	20	1	453	74	6	5	8	0	0	65	89
	Fort Sandeman	000	0	7	07	07	98	17	9	462	80	4	6	2	8	0	69	95
Quetta	Hindubagh	000	4	4	34	03	96	20	0	401	73	0	0	9	3	3	41	73
	Loralai	019	3	7	13	02	98	02	6	431	73	0	0	9	5	0	69	88
	Harnai	000	5	2	09	02	98	00	0	xxx	xx	6	9	5	3	0	xx	xx
	Quetta	000	0	0	34	02	95	02	0	423	68	0	0	7	2	0	63	85
	Chaman	000	0	0	27	02	98	02	0	409	98	0	0	9	0	0	41	99
	Kalat	000	0	0	09	09	97	03	2	440	76	8	4	6	0	0	56	83
Kalat	Nushki	000	0	8	05	05	97	03	0	468	99	8	9	6	0	0	63	02
	Dalbandin	000	8	3	31	03	95	05	1	407	01	3	1	7	0	0	62	02
	Panjgur	000	0	8	13	08	96	03	1	437	89	0	0	9	6	0	70	95
Afghanistan	Kabul	000	0	0	36	03	99	00	0	452	83	0	0	9	0	0	53	90
	Kandahar																	

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

Divisions	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Cox's Bazar	008	9	7	13	06	96	02	2	064	82	4	4	6	4	0	79	77
	Chittagong	107	0	8	00	00	97	02	2	061	xx	6	4	5	2	x	77	78
	Maijdee Court	060	6	7	00	00	97	03	6	062	84	2	1	6	7	2	78	76
	Comilla	000	0	4	90	00	98	03	2	062	85	4	4	4	0	0	78	78
	Brahmanbaria	013	0	3	78	02	97	01	0	062	84	1	4	4	4	0	77	73
	Sylhet	056	8	8	30	00	96	61	9	065	80	6	5	5	2	0	77	78
	Srimangal	060	9	7	00	00	96	03	9	068	85	5	4	5	4	x	77	76
Dacca	Mymensingh	007	8	4	13	02	98	02	6	064	83	4	4	5	0	0	80	79
	Narayanganj	027	3	8	19	05	95	01	6	097	86	8	4	3	x	x	78	81
	Dacca (Tezgaon)	055	4	7	20	03	98	03	6	054	82	6	8	5	0	1	77	78
	Faridpur	000	9	3	16	02	97	03	0	025	86	3	5	8	2	x	79	79
	Barisal	027	5	5	18	02	97	03	6	055	85	3	7	3	4	0	73	79
Rajshahi	Khulna	003	0	8	00	00	95	03	2	052	86	x	x	8	x	x	80	77
	Satkhira	000	0	5	13	05	97	01	1	053	84	5	8	6	0	0	78	78
	Jessore	000	0	6	00	00	96	03	2	051	88	6	2	6	0	0	78	81
	Sirajganj	000	0	6	00	00	96	02	2	052	87	6	6	4	0	0	79	81
	Bogra	005	0	6	13	02	96	02	2	052	87	6	6	4	0	0	79	81
	Dinajpur	000	3	4	[illegible]	00	96	02	2	039	87	4	0	9	2	0	80	82
	Rangpur	000	0	4	09	02	96	01	2	xxx	85	4	5	6	0	0	79	80
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	0	1	00	00	95	05	0	034	87	0	0	9	0	2	81	81
	Sialkot	000	0	0	00	00	98	00	0	028	89	0	0	9	0	0	81	79
Rawalpindi	Jhelum	000	0	0	13	02	96	10	0	019	87	0	0	9	0	0	79	81
	Rawalpindi	000	1	0	00	00	99	00	1	033	81	1	2	7	0	0	76	77
	Khushab	000	0	1	00	00	96	05	1	026	90	0	0	9	0	1	79	80
Multan	Lyallpur	000	0	0	00	00	96	00	0	033	85	0	0	9	0	0	79	79
	Montgomery	000	0	0	03	00	96	03	0	031	87	0	0	9	0	0	79	83
	Multan	000	0	0	00	00	97	02	0	028	92	0	0	9	0	0	77	83
Bahawalpur	Leiah	000	0	0	00	00	98	04	1	xxx	[illegible]	0	0	9	0	0	82	83
	Khanpur	000	0	2	31	02	96	05	0	031	89	2	0	9	2	6	82	xx
	Bahawalpur	000	0	0	00	00	97	00	0	031	78	0	0	9	0	0	80	83
	Fort Abbas	045	0	0	07	03	98	00	0	030	92	0	0	9	0	0	78	82
Peshawar	Chakdara	003	0	0	00	00	99	00	0	023	79	0	0	9	0	0	66	72
	Peshawar	000	0	0	00	00	97	[illegible]	0	036	75	0	0	9	0	0	74	77
	Haripur	000	0	2	09	02	98	03	0	055	82	0	0	9	4	0	78	79
	Campbellpur																	
D. I. Khan	Bannu	000	0	0	00	00	99	00*	0	017	88	0	0	9	0	0	75	82
	D. I. Khan	000	2	1	13	02	98	01	1	028	89	0	0	9	0	1	79	83
Quetta	Sibi	001	9	0	00	00	99	00	0	043	81	0	0	9	0	0	78	81
Kalat	Nokkundi	000	0	0	16	02	96	02	0	020	88	0	0	9	0	0	64	84
	Turbat	010	0	3	05	02	95	03	2	027	83	0	0	9	6	0	[illegible]	xx
	Jiwani	000	3	7	18	03	96	02	0	039	82	2	4	5	3	0	75	81
	Pasni	000	0	8	23	00	97	00	0	039	83	8	5	9	0	0	87	81
	Ormara	000	0	8	00	00	98	03	2	042	83	8	2	5	0	0	80	81
	Las Bela																	
Karachi Federal Area & Hyderabad	Karachi (Manora)	009	1	7	25	09	93	32	5	037	82	0	0	9	2	3	79	79
	Karachi (Air Port)	098	3	7	27	03	96	20	6	043	80	2	5	5	3	0	79	78
	Badin	010	2	2	23	02	96	01	0	040	83	0	0	9	2	0	76	80
	Nagarparker	000	0	8	18	02	96	02	2	043	86	8	6	7	0	0	73	79
	Umarkot	000	0	4	20	05	98	00	0	032	83	1	0	9	1	1	78	xx
	Hyderabad	046	9	5	00	00	97	02	6	031	81	2	0	9	3	1	79	80
Khairpur	Pad-i-dan	003	9	3	27	03	98	01	6	037	83	1	1	6	0	1	77	79
	Nawabshah	100	0	6	36	[illegible]	96	03	2	044	82	4	0	9	2	1	80	79
	Sukkur	089	9	6	36	02	96	03	2	029	83	6	0	9	0	8	77	78
	Kashmore																	
	Jacobabad	000	0	3	31	02	96	03	1	034	84	2	0	9	4	9	78	81
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Alibad																	
	Gilgit																	
Rawalpindi	Murree	062	9	3	00	00	98	01	1	479	65	3	5	2	0	0	63	61
Peshawar	Drosh	000	0	0	00	00	98	02	0	477	77	0	0	9	0	0	59	74
	Cherat	000	0	0	09	01	99	00	0	451	73	0	0	9	0	0	71	67
	Kakul	020	3	1	18	02	99	01	0	473	73	1	1	7	0	0	65	67
	Landi Kotal	000	0	0	00	00	98	00	0	470	80	0	0	9	0	0	63	xx
D.I. Khan	Parachinar	010	0	0	00	00	99	00	0	696	67	0	0	9	0	0	60	xx
	Miranshah	000	0	0	00	00	99	00	0	458	81	0	0	9	0	0	68	75
	Wana																	
	Fort Sandeman	042	0	0	00	00	98	02	9	478	76	0	0	9	0	0	67	71
Quetta	Hindubagh	061	2	3	31	02	96	00	0	431	68	0	0	9	0	0	55	67
	Loralai	000	0	0	00	00	98	00	0	466	69	0	0	9	0	0	66	63
	Harnai	060	0	8	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	019	9	2	16	03	95	01	1	455	70	0	0	7	4	0	66	65
	Chaman	000	0	0	13	03	98	02	0	446	81	0	0	9	0	0	57	72
	Kalat	000	0	1	02	02	98	01	2	476	72	0	0	9	0	1	58	64
Kalat	Nushki	000	0	2	09	02	98	01	0	466	85	0	0	9	0	2	64	75
	Dalbandin	000	9	5	27	05	94	06	3	456	81	5	0	9	4	0	66	79
	Panjgur	007	1	2	00	00	98	03	6	465	79	0	0	9	2	0	70	xx
Afghanistan	Kabul	000	0	0	18	00	99	00	0	505	xx	0	0	9	0	0	57	60
	Kandahar																	

Departure from Normal of / Rainfall

Divisions	Stations (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	− 2	+ 1	97.9	+ 5.7	113.7	140
	Chittagong	− 1	+ 2	79.8	+ 14.5	112.7	108
	Maijdee Court	+ 2	− 2	76.1	+ 9.5	108.0	115
	Comilla	+ 1	+ 1	51.5	+ 1.0	77.5	94
	Brahmanbaria	—	—	35.5	− 2.3	61.5	76
	Sylhet	—		108.6	—	146.5	—
	Srimangal	+ 4	0	54.0	+ 8.3	87.0	98
Dacca	Mymensingh		+ 1	62.1	+ 14.4	84.3	91
	Narayanganj	+ 4	+ 2	43.2	+ 5.8	63.5	74
	Dacca (Tezgaon)	+ 1	—	43.0		59.0	—
	Faridpur	0	+ 1	39.5	+ 2.9	67.9	71
	Barisal	+ 1	1	62.1	16.1	77.0	81
Rajshahi	Khulna	0	− 1	35.0	− 1.3	53.2	68
	Satkhira	+ 1	—	34.8	+ 0.2	70.6	65
	Jessore	—	− 2	47.7	3.4	72.5	65
	Sirajganj	+ 2	+ 3	47.7	+ 3.4	72.5	64
	Bogra	+ 1	+ 3	47.1	+ 9.5	66.2	69
	Dinajpur	+ 4	+ 4	28.3	− 12.1	45.7	72
	Rangpur	+ 2	+ 3	44.0	− 2.1	63.9	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd)	− 2	+ 4	19.7	+ 7.8	23.5	19
	Sialkot	+ 1	+ 2	38.0	+ 18.7	44.1	32
Rawalpindi	Jhelum	—	—	31.6	—	41.0	—
	Rawalpindi	− 1	+ 3	25.9	+ 7.0	38.9	36
	Khushab	0	− 1	12.7	+ 4.0	18.2	15
Multan	Lyallpur	− 3	0	10.6	+ 3.1	13.3	12
	Montgomery	− 4	0	3.9	− 2.1	6.3	10
	Multan	+ 4	+ 1	4.9	+ 0.6	7.0	7
Bahawalpur	Leiah	—	—	3.9	—	5.8	8
	Khanpur	− 1	×	0.3	− 4.2	1.2	6
	Bahawalpur	+ 7	+ 4	5.4	+ 1.4	6.5	6
	Fort Abbas	—	—	3.8	—	4.1	4
Peshawar	Chakdara	—	—	5.8	—	21.3	—
	Peshawar	− 6	0	5.8	+ 2.3	18.7	14
	Haripur	—	—	16.0	—	29.9	—
	Campbellpur						—
D. I. Khan	Bannu	—	—	10.0	—	16.9	11
	D. I. Khan	− 2	+ 3	9.8	+ 5.2	13.5	10
Quetta	Sibi	—	—	3.1	—	3.4	5
Kalat	Nokkundi	—	—	0	—	1.1	2
	Turbat	—	—	2.3	—	6.7	—
	Jiwani	—	—	0.1	—	5.7	4
	Pasni	+ 1	+ 6	0.1	− 0.8	2.7	6
	Ormara	—	—	6.5	+ 5.7	6.5	4
	Las Bela						8
Karachi Federal Area & Hyderabad	Karachi (Manora)	+ 4	+ 1	6.5	+ 1.1	6.5	8
	Karachi (Air Port)	—	—	10.8	—	11.1	—
	Badin	0	+ 2	4.7	− 1.3	4.7	9
	Nagarparker	—	—	8.5	—	8.5	—
	Umarkot	—	—	11.6	—	12.4	—
	Hyderabad	+ 1	+ 2	6.9	+ 1.5	7.6	7
Khairpur	Pad-i-dan	—	—	4.8	—	5.1	—
	Nawabshah	—	—	4.1	—	4.8	—
	Sukkur	—	—	2.1	—	3.1	4
	Kashmore	—					—
	Jacobabad	− 10	0	3.7	+ 1.6	4.4	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						—
Arabia	Muscat						4
	Kuwait						—
	HILL STATIONS						
Kashmir	Srinagar						26
	Gulmarg						—
	Sonamarg						71
	Dras						26
	Leh						3
	Skardu						6
	Misgar						—
	Alibad						—
	Gilgit						5
Rawalpindi	Murree	×	+ 4	36.9	+ 7.6	62.1	59
Peshawar	Drosh	+ 2	+ 4	1.3	—	30.4	18
	Cherat	− 5	− 2	14.0	+ 4.6	23.9	29
	Kakul	—	—	36.6	—	46.3	—
	Landi Kotal	—	—	2.5	—	17.5	—
D.I. Khan	Parachinar	—	—	12.1	—	26.3	29
	Miranshah	—	—	2.7	—	5.7	15
	Wana	—					—
	Fort Sandeman	0	0	5.9	+ 2.2	14.6	11
Quetta	Hindubagh	—	—	3.9	—	12.0	—
	Loralai	—	—	6.8		12.6	—
	Harnai	—	—	4.9	− 4.5	11.2	14
	Quetta	—	—	4.4	+ 3.5	10.0	8
	Chaman	+ 4	+ 4	0.1	0	6.3	7
	Kalat	+ 1	+ 10	4.0	+ 2.9	8.9	9
Kalat	Nushki	—	—	0.9	—	2.8	—
	Dalbandin	− 3	+ 10	0.2	− 0.1	2.2	5
	Panjgur	− 5	×	1.5	—	3.1	4
Afghanistan	Kabul	—	—	—	—	—	12
	Kandahar						—

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

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 28th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	$I_dd_wd_w$PH
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Alhussain	53 102	754 06	7 29 09	97 03 1	107 82	12 3 4x	34 10 3	...	0 01 76	...
Udomaru	53 196	452 06	8 23 21	97 66 2	053 79	48 4 26	75 60 7	...	0 52 73	1 24 65
Bechsabee	53 241	585 06	3 10310	98 03 0	028 86	22 5 41	76 21 0	...	0 04 77	1 10 21
Cardia	53 255	573 06	3 12315	98 02 1	093 86	32 x 40	76 30 5	...	0 52 79	1 12 x1
Bagdad	53 150	534 06	5 21 04	98 03 1	035 76	52 4 00	35 2085		0 31 70	1 21 20
Meria	53 273	517 06	8 59 02	97 02 0	016 90	00 9 00	36 21 2		0 03 68	1 00 xx
Bechambee	53 247	580 09	3 12 10	98 02 0	014 84	32 6 21		..		...
Bagdad	53 164	540 09	9 21 20	97 04 2	020 79	31 4 18	25 71 5	...	0 02 73	1 21 22
Bechsabee	53 253	574 12	2 15 10	98 02 0	004 86	22 6 00	76 61 0	...	0 52 77	1 15 21
Tove	53 244	581 12	2 12 08	98 01 0	000 93	11 5 01	33 81 2	..	0 02 79	1 13 22
Cardia	53 264	559 12	0 22 03	98 02 0	053 94	08 9 00	76 72 7	..	0 00 81	1 22 20
Bechsabee	53 260	549 15	2 17 10	98 02 0	004 84	21 6 03	76 40 0	..	0 54 75	1 17 21
Darem	53 248	660 18	8 23 09	99 03 2	041 82	7x x xx	65 22 0	...		...
Alwayl	53 193	592 18	0 21 13	97 02 0	040 75	00 9 00	15 12 2	...	0 04 72	1 21 32

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...														
Jiwani ...														
Karachi ...	00 00	002 682 258	000 025 028	—	408 178 172	..	108 12 118	390 062 045	872 002 525	633 582 655	983 692	247 892	—	—
Lahore ...	00 00	979 273 262	028 998 998	..	459 222 175	—	124 12 118	392 028 992	834 585 995	—	—	—	—	—
Multan ...														
Peshawar ...														
Quetta ...														

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...													
Jiwani ...													
Karachi ...	00 00	900 248 212	800 175 168	...	—	...	—	—	—	—	800 175 168	...	—
Lahore ...	00 00	900 245 202	800 192 162	..	—		...		—	—	g00 192 162	—	—
Multan ...													
Peshawar ...													
Quetta ...													

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

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

UPPER WIND DATA*

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

Height in Kms. a.s.l.→ STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)
Bogra ...	14 10	12 15	13 16	14 12	13 13	12 13	12 08	08 C9	10 08
Chaklala ...	...	...	...	...	...	...	...	...	...
Chhor ...	17 05	17 06	14 05				...	—	—
Chittagong ...	19 19	19 18	19 13	18 13	18 03	21 08	...	...	...
Cox's Bazar ...	14 12	19 13	21 12	22 12	21 11	31 07		...	
Dacca ...	16 11	17 14	17 14	17 13	17 11	15 11	12 11	09 12	08 15
Dalbandin ...	..		21 01	10 02	03 08	06 24	08 15	06 12	12 13
D. I. Khan ...	...	—	...						
Drosh ...	...	...	—		23 12	20 10	35 07	34 12	36 05
Fort Sandeman ...	...	...	..	08 23	11 17	33 09	34 09	...	
Jacobabad ...	31 06	29 05	09 05	09 14	08 12	09 15	..	...	...
Jessore ...	13 10	14 17	15 19	18 19	15 15	15 12		...	...
Jhelum ...	25 02	29 03	31 03	28 03	16 17	11 05	25 05	24 11	...
Jiwani ...	14 12	10 13	08 18	08 17	08 18	07 22	08 16	08 20	08 14
Karachi ...	26 13	25 10	16 04	...	...	...	..	...	...
Khanpur ...	16 05	06 04	06 07	07 07	...	...	..	...	...
Lahore ...	30 04	31 05	30 03	33 02	25 05	18 04	10 06	18 04	22 07
Multan ...	08 04	09 04	08 03	...	...	...	...	...	...
Muscat ...	—	—	..	..	...	...	—	...	..
Panjgur ...	—	—	..	..	...	...	..	...	..
Peshawar ...	—	—	—	—	—	—	—	...	...
Quetta ...	No	Ascent	...	...	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	26 02	29 03	25 03	17 05	11 05	15 01	06 05	10 07	10 06
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l.→ STATION	0.3 (11)	0.6 (12)	0.9 (13)	1.5 (14)	2.1 (15)	3.0 (16)
Bogra ...	14 07	14 07	15 09		...	..
Chaklala ...	...	...	...		...	...
Chhor ...	25 09	26 03	35 02	07 06	...	
Chittagong ...	11 06	18 06	20 06	...	...	..
Cox's Bazar ...	18 06	19 07	22 09	23 07	...	
Dacca ...	16 06	16 04	16 03	16 03	10 04	11 10
Dalbandin ...	..		25 12	26 09	30 11	07 14
D. I. Khan ...	...	...	...			
Drosh ...	...	...	..	24 04	22 07	20 10
Fort Sandeman ...			...	26 00	34 02	05 03
Jacobabad ...	31 02	09 05	10 03	13 07	11 07	08 07
Jessore ...	16 10	18 11	18 05			
Jhelum ...	13 02	23 02	25 05	30 06	31 06	33 05
Jiwani ...	12 02	12 01	09 08	...	...	
Karachi ...	27 06		...			
Khanpur ...	25 05	22 05	18 11	09 10	10 11	...
Lahore ...	04 02	01 03	35 03	29 05	30 06	30 03
Multan ...	15 09	17 04	16 03	20 01	07 05	08 06
Muscat ...	...	...	..	...	...	...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...
Quetta ...		...	...	—	07 02	01 11
Sharjah ...		...	...	—	...	..
Sylhet ...	No	Ascent	...	—	...	...
Veraval ...	...	...	.	...		...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l.→ STATION	0.3 (17)	0.6 (18)	0.9 (19)	1.5 (20)	2.1 (21)	3.0 (22)	4.5 (23)	5.4 (24)	6.0 (25)	7.2 (26)	9.0 (27)
Bogra ...	13 05	12 09	12 03	13 11	11 09	13 13	...	...	—	—	..
Chaklala ...	...	—	...	..	...	...	...	...	...	...	...
Chhor ...				..	..	..	...	...	...	...	...
Chittagong ...	22 05	21 09	21 04	..		..		...	...	...	..
Cox's Bazar ...	21 05	24 05	27 04	31 04	33 03	...			...	...	..
Dacca ...	16 06	17 05	17 06				—		...	...	—
Dalbandin ...	...	...	25 05	23 04	06 07	06 15	09 24	10 12	11 16	07 17	09 22
D. I. Khan ...	..	...	—								
Drosh ...	...	...	...	...	17 01	04 05	01 09	33 15	32 21	30 27	...
Fort Sandeman ...				06 02	13 02	03 07	21 04	23 05	23 50	19 05	23 03
Jacobabad ...	01 02	08 03	10 04	11 07	09 09	09 10	11 12	12 14	12 15	19 12	..
Jessore ...	13 10	16 09					...	...	...	..	...
Jhelum ...	16 02	31 02	30 08	31 05	30 05	32 05	..	..	—	..	...
Jiwani ...	10 07	10 10	09 17	09 18	...	...	..		..	..	...
Karachi ...	27 11	02 06	...		...	...	...	...	...	...	...
Khanpur ...	09 05	07 03	08 04	11 04	11 06	08 08	...	...	...	...	...
Lahore ...	31 03	06 02	03 01	02 06	35 07	30 06	..	—	...	..	...
Multan ...	19 05	19 05	18 04	17 00	14 03	11 06	...	...	...	—	...
Muscat ...	...	—	...		..	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	.	...	...	...			...	...	...
Quetta ...	...	...	...	...	14 01	04 17	05 23	06 20	09 13	11 09	—
Sharjah ...	—	...	...	...	..			...	...	...	...
Sylhet ...	24 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. → STATION.	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)	7.2 (11)	9.0 (12)	10.5 (13)	12.0 (14)	14.1 (15)	16.x (16)	18.0 (17)	21.0 (18)	24.0 (19)
Chittagong ...																		
Dacca ...	..	...	...	...	...	...	...	..			..	—		...	...	...	...	..
Karachi ...	...															...	—	..
Peshawar ...	26 07	31 04	34 02	09 09	06 11	05 09	08 09	12 12	11 11	11 13	12 21	10 23	09 24	10 27	...	...	..	..
Quetta ...																		

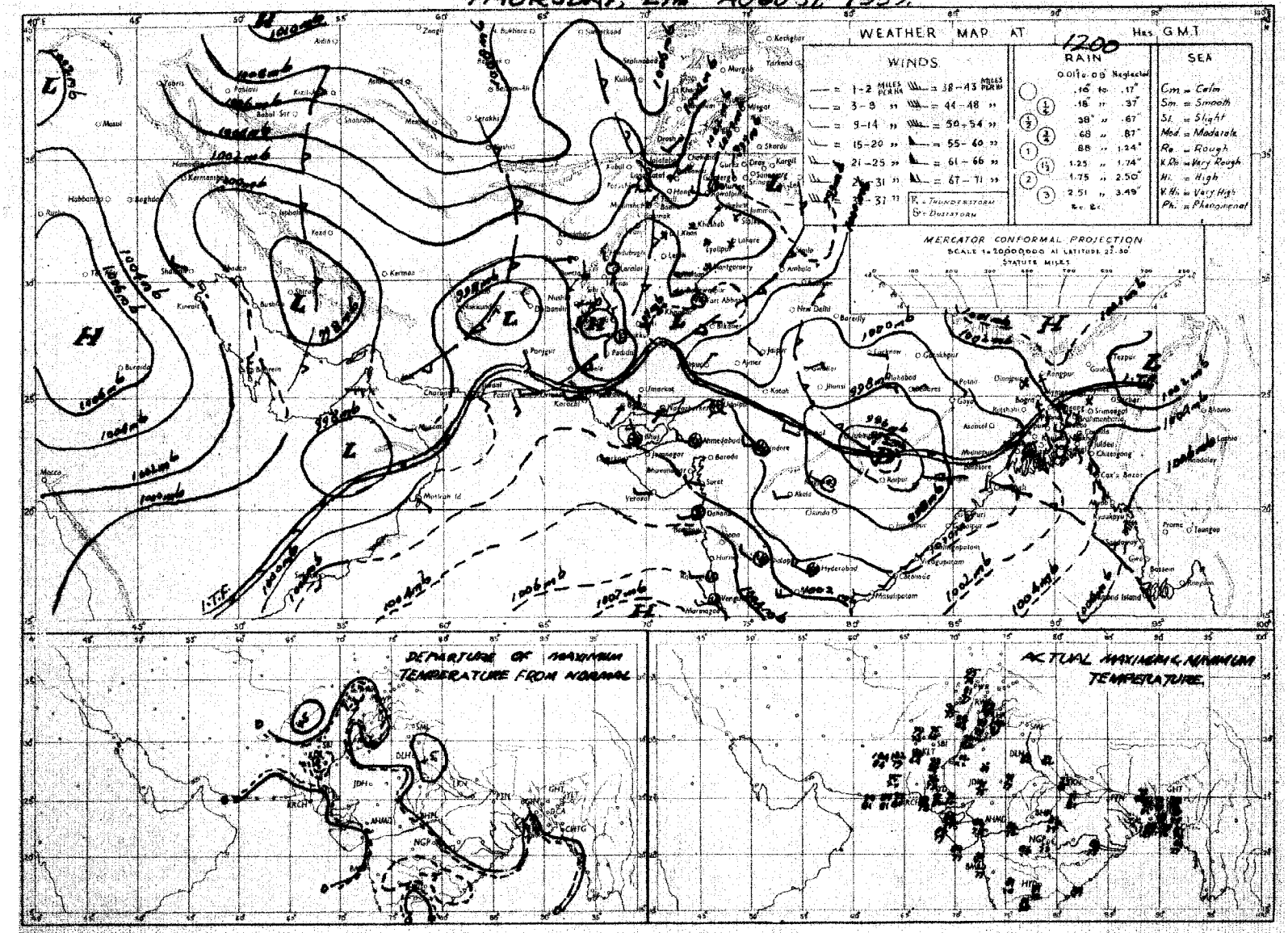
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv,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, 27th AUGUST 1959.



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

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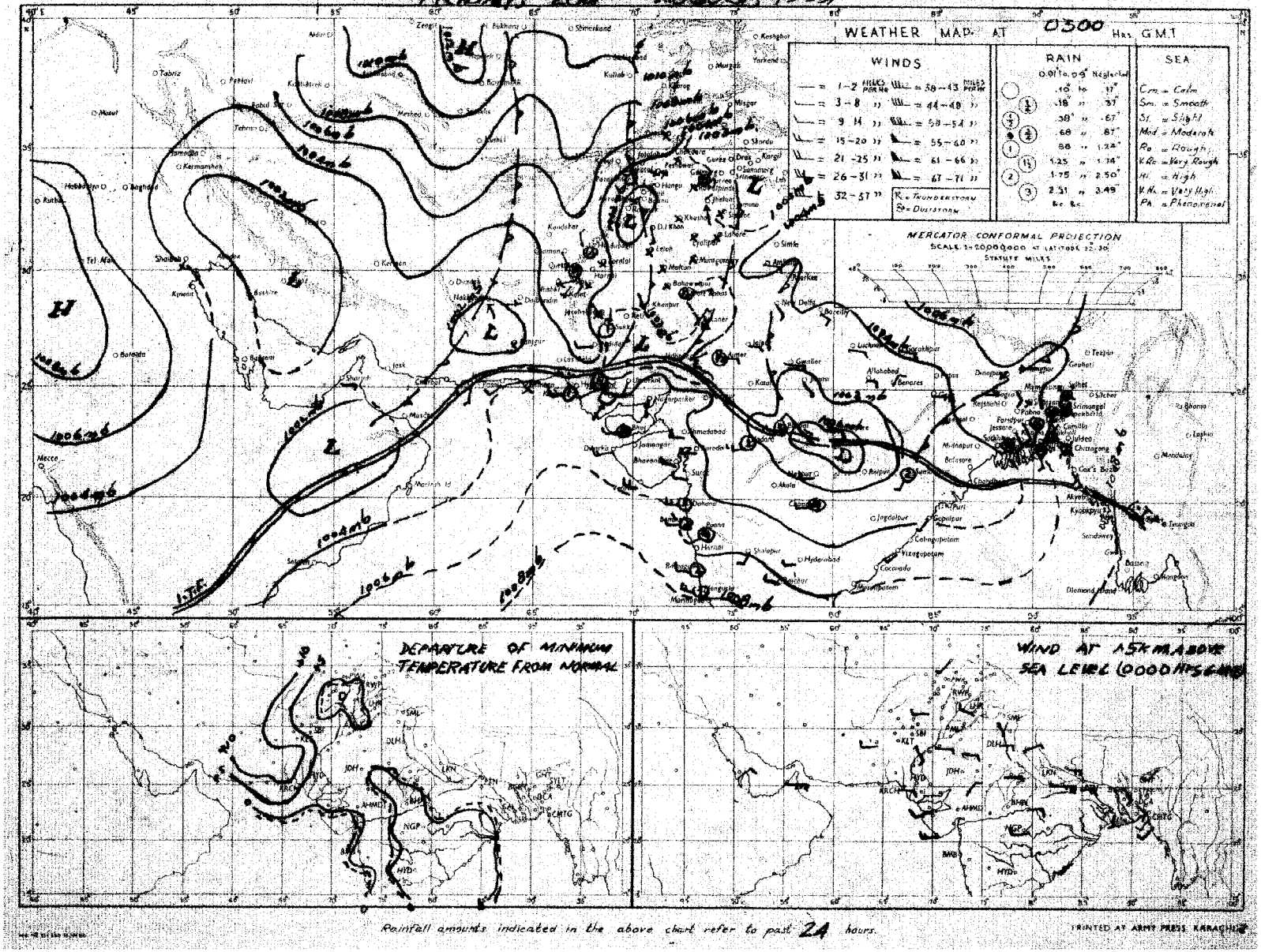
PAKISTAN DAILY WEATHER MAP

FRIDAY, 28th AUGUST, 1959



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

SATURDAY THE 29th AUGUST, 1959.

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

Yesterday's shallow depression weakened into a low and now lies over west Madhya Pradesh.

An easterly low pressure wave is moving across central Burma.

Rain/thundershowers have been fairly widespread in Chittagong division.

Yesterday's low pressure wave is now moving across Rawalpindi division.

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

Fairly widespread rain/thundershowers have occurred in Hyderabad division and the Federal Capital area, local in Khairpur division and scattered in Rawalpindi division. Light rain is also reported from south Kalat division.

Chief amounts of rainfall are: Srimangal and Nagarparkar 1¾" each, Cox's Bazar, Chittagong and Mithi 3/4" each, Umarkot ½" and Maijdee Court, Brahamanbaria, Karachi (Air Port), Padidan ¼" each.

Day temperatures were 3—4°F above normal in Dacca, Rajshahi, Multan and Lahore divisions.

Forecast valid until the evening of 30th August, 1959 Rain/thundershowers will be fairly widespread in Chittagong division and local in Dacca and Rawalpindi divisions and Kashmir and scattered in Rajshahi, Lahore, Peshawar and Hyderabad divisions. Light rain/drizzle will also fall in the Federal Capital area.

Karachi-11
The 29th August, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	5	20	03	96	02	1	029	83	2	5	6	5	9	79	86
	Chittagong	000	0	7	20	09	97	02	2	021	93	5	4	5	2	0	78	86
	Maijdee Court	023	4	4	18	02	96	03	6	018	84	2	2	9	2	0	78	87
	Comilla	000	0	0	00	00	96	03	0	012	88	4	4	5	0	0	77	91
	Brahmanbaria	000	0	4	18	02	97	03	1	011	87	4	5	5	0	0	77	90
	Sylhet	000	9	3	27	05	96	01	6	009	86	3	4	5	0	0	78	89
	Srimangal	000	0	2	00	00	97	03	1	011	87	1	1	5	0	1	78	92
Dacca	Mymensingh	000	0	4	00	03	99	02	1	014	89	4	2	5	0	0	78	90
	Narayanganj	000	9	1	18	03	96	01	2	012	86	1	0	8	3	0	77	91
	Dacca (Tezgaon)	000	9	5	18	03	98	02	2	005	87	3	2	5	4	1	79	88
	Faridpur	000	9	2	00	00	97	03	0	012	86	2	5	8	0	0	79	90
	Barisal	000	0	6	13	01	97	03	2	014	87	6	7	6	0	0	80	89
Rajshahi	Khulna	000	0	6	18	03	97	01	2	014	87	6	5	7	0	0	77	89
	Satkhira	000	0	8	00	00	95	03	2	014	83	8	6	7	x	x	78	91
	Jessore	000	0	2	18	07	97	10	1	012	87	2	4	6	0	0	80	91
	Siraiganj	000	0	2	18	03	98	01	1	001	88	2	1	5	0	0	78	90
	Bogra	000	0	0	00	00	96	02	2	005	89	3	4	6	0	0	78	92
	Dinajpur	000	1	0	00	00	96	00	1	001	90	0	0	9	0	0	79	92
	Rangpur	000	0	3	25	02	96	01	1	111	89	3	5	6	0	0	79	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	6	00	00	96	03	1	996	97	3	5	7	3	6	76	99
	Sialkot	000	1	5	00	00	97	03	1	995	94	4	2	6	3	0	80	97
Rawalpindi	Jhelum	000	6	5	23	05	97	17	1	993	94	3	9	7	0	1	79	98
	Rawalpindi	000	0	2	23	02	99	00	0	991	94	1	1	7	2	0	75	95
	Khushab	000	0	4	00	00	96	03	2	988	96	4	2	6	0	0	76	01
Multan	Lyallpur	000	0	4	00	00	96	11	0	997	97	0	0	9	0	3	78	98
	Montgomery	000	0	0	00	00	96	00	0	993	01	0	0	9	0	0	76	03
	Multan	000	0	5	27	02	97	02	0	986	01	1	1	6	0	1	76	03
Bahawalpur	Leiah	000	0	4	27	03	98	05	0	971	00	4	2	8	0	0	71	05
	Khanpur	000	0	2	29	03	96	03	0	990	00	2	0	9	2	0	83	02
	Bahawalpur	000	0	0	00	00	97	03	0	991	03	5	0	8	4	0	80	04
	Fort Abbas																	
Peshawar	Chakdara	000	0	0	00	00	99	00	0	009	92	0	0	9	0	0	77	94
	Peshawar	000	0	1	36	05	98	02	0	982	94	1	1	6	0	0	75	95
	Haripur	000	3	3	13	04	97	03	0	974	90	3	1	6	0	0	73	95
	Campbellpur	000	0	0	09	03	98	01	0	001	94	0	0	9	0	0	77	95
D. I. Khan	Bannu	000	0	0	11	02	99	00	0	974	99	0	0	9	0	0	86	00
	D. I. Khan	000	6	2	13	02	98	03	0	980	00	0	0	9	0	2	80	02
Quetta	Sibi	000	2	5	00	00	98	03	1	999	02	2	2	5	0	2	72	03
Kalat	Nokkundi	000	0	0	11	02	97	02	0	986	03	0	0	9	0	0	59	03
	Turbat	000	0	6	13	03	96	03	1	025	92	6	0	9	6	0	79	01
	Jiwani	000	0	6	16	07	97	03	1	024	86	2	8	5	0	1	79	89
	Pasni	000	0	6	13	12	97	00	0	024	88	4	0	9	7	8	83	91
	Ormara	000	0	6	18	07	98	02	1	071	90	6	2	5	0	0	76	95
	Las Bela	000	0	0	00	xx	98	00	0	011	87	0	0	9	0	0	77	94
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	7	25	10	96	03	2	028	84	6	0	9	1	6	xx	86
	Karachi (Air Port)	031	2	7	27	07	96	02	9	023	83	4	5	5	3	0	79	89
	Badin	000	0	0	23	02	97	00	0	025	94	0	0	9	0	0	72	94
	Nagarparker	000	0	8	00	00	96	02	2	003	93	8	6	7	x	x	70	95
	Umarkot	000	0	6	18	03	98	00	0	002	92	6	4	6	0	0	75	95
	Hyderabad	007	5	7	00	00	97	02	6	028	91	2	5	6	2	1	76	95
Khairpur	Pad-i-dan	035	2	4	31	03	98	03	6	002	91	3	3	6	0	1	80	95
	Nawabshah	030	0	5	00	00	97	03	2	008	96	3	2	6	2	0	73	96
	Sukkur	000	8	4	36	03	96	03	1	996	97	4	0	9	5	0	91	98
	Kashmore	000	0	5	00	00	99	03	0	997	97	5	1	8	0	0	78	05
	Jacobabad	000	4	3	23	02	97	02	9	001	99	1	1	7	0	2	76	00
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	5	8	31	02	96	03	4	452	70	x	x	x	x	x	66	71
Peshawar	Drosh	000	0	0	23	10	98	02	0	398	97	0	0	9	0	0	56	01
	Cherat	000	0	0	10	03	99	00	0	452	83	0	0	9	0	0	77	85
	Kakul	000	8	2	20	05	99	01	1	448	83	2	2	7	0	2	70	86
	Landi Kotal	000	0	0	00	00	99	00	0	437	90	0	0	9	0	0	67	93
D.I. Khan	Parachinar	000	0	2	13	02	99	00	0	796	84	2	0	9	1	0	63	xx
	Miranshah	000	0	0	05	02	99	00	0	433	95	0	0	9	0	0	67	97
	Wana																	
Quetta	Fort Sandeman	000	0	4	16	05	99	01	0	449	90	3	2	6	2	0	63	93
	Hindubagh	000	5	3	07	03	96	00	0	408	85	0	0	9	0	0	63	85
	Loralai	000	0	2	09	02	98	02	1	432	86	0	0	9	0	3	63	86
	Harnai	000	5	6	09	02	98	02	7	xxx	xx	6	9	5	3	0	xx	xx
	Quetta																	
	Chaman	000	0	0	09	02	98	02	0	430	97	0	0	9	0	0	41	99
Kalat	Kalat	000	0	1	09	05	98	01	1	445	80	0	0	9	0	1	55	84
	Nushki	000	0	5	05	05	98	03	1	469	03	5	9	6	0	0	63	04
	Dalbandin	000	8	3	13	05	95	05	1	439	96	3	1	7	0	0	58	01
	Panjgur	000	0	4	23	05	98	03	1	453	85	4	0	9	4	0	67	92
Afghanistan	Kabul																	
	Kandahar																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	088	9	7	16	03	96	02	6	031	80	1	1	7	4	2	79	76	0	+ 7	98.8	+ 5.9	114.6	140
	Chittagong	077	9	7	00	00	9	02	9	032	84	5	4	5	2	0	78	78	0	+ 2	80.6	+17.3	113.5	108
	Maijdee Court	033	9	4	00	00	97	01	6	029	85	2	2	6	2	0	79	79	+ 2	+ 1	76.5	+ 9.3	108.3	115
	Comilla	000	0	3	00	00	98	03	0	034	85	3	4	7	0	0	79	81	+ 3	+ 4	51.5	+ 0.5	77.5	94
	Brahmanbaria	020	0	5	00	00	97	03	1	023	86	5	4	2	0	0	80	79	—	—	35.7	— 2.4	61.7	76
	Sylhet	000	0	7	00	00	96	03	1	019	87	2	4	5	6	1	79	79	—	—	108.6	—	146.5	—
	Srimangal	170	9	5	00	00	96	03	9	031	84	3	4	5	8	2	78	77	+ 2	+ 1	55.7	+ 9.5	88.7	98
Dacca	Mymensingh	000	0	2	13	02	98	01	1	033	86	2	1	5	0	0	77	81	+ 3	+ 3	62.1	+13.9	84.3	91
	Narayanganj	000	9	7	09	02	96	03	1	025	90	6	4	5	0	8	77	82	+ 3	+ 3	43.2	+ 5.4	63.5	74
	Dacca (Tezgaon)	000	9	4	09	03	97	01	1	022	88	3	8	4	4	0	79	81	—	—	43.0		59.0	—
	Faridpur	000	9	3	09	02	97	03	0	028	85	3	5	7	0	0	79	80	+ 3	+ 2	39.5	+ 2.6	67.9	71
	Barisal	000	0	4	00	00	97	03	2	023	85	4	0	8	4	0	79	80	+ 2	+ 2	62.1	+15.7	77.0	81
Rajshahi	Khulna	000	0	4	05	07	97	04	1	029	87	4	5	7	0	0	79	80	+ 1	+ 2	45.1	+ 5.2	65.9	68
	Satkhira	000	0	0	00	00	96	00	0	028	87	0	0	9	0	0	77	80	+ 2	+ 2	35.0	— 1.6	53.2	65
	Jessore	000	0	3	09	03	97	01	0	023	85	3	0	9	6	0	79	79	—	—	34.8	— 0.1	78.6	65
	Siraiganj	000	0	1	00	00	98	03	1	016	90	1	1	4	0	0	82	82	+ 3	+ 3	47.7	+13.0	72.5	64
	Bogra	000	0	5	05	02	96	02	1	025	87	4	0	9	2	0	79	81	+ 4	+ 3	47.1	+ 9.1	66.2	69
	Dinajpur	000	3	4	00	00	96	02	2	025	87	4	0	9	2	6	79	81	+ 3	+ 3	28.3	—12.5	45.7	72
	Rangpur	000	0	4	18	02	96	03	0	xxx	85	4	5	6	0	0	81	82	+ 3	+ 5	44.0	— 2.5	63.9	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	9	5	13	03	96	03	1	004	87	3	5	7	3	0	79	83	+ 2	+ 6	19.7	+ 7.7	23.5	19
	Sialkot	000	3	4	00	00	98	02	1	001	85	4	5	6	x	x	78	81	+ 3	+ 4	38.0	+18.5	44.1	17
Rawalpindi	Jhelum	000	8	1	23	02	97	01	1	000	87	1	0	9	3	0	78	81	—	—	31.6	—	41.8	—
	Rawalpindi	000	0	1	09	02	99	00	4	994	86	1	1	7	0	9	76	80	+ 2	+ 6	25.9	+ 6.8	38.9	36
	Khushab	000	0	0	09	02	96	05	4	999	88	0	0	9	0	0	83	83	+ 2	+ 2	12.7	+ 4.0	18.2	15
Multan	Lyallpur	000	0	6	00	00	96	02	0	002	86	0	0	9	5	0	80	84	+ 1	+ 5	10.6	+ 3.1	13.3	11
	Montgomery	000	0	0	00	00	96	00	0	999	86	0	0	9	0	0	77	82	+ 3	+ 2	3.9	— 2.2	6.3	10
	Multan	000	0	0	18	02	97	02	0	996	89	0	0	9	0	0	80	87	+ 5	+ 5	4.9	+ 0.6	7.0	7
Bahawalpur	Leiah	000	0	0	00	00	98	03	0	xxx	84	0	0	9	0	0	78	81	—	—	—	—	—	8
	Khanpur	000	0	0	20	03	96	03	0	994	90	0	0	9	0	0	82	84	— 1	+ 5	0.3	— 4.2	1.2	6
	Bahawalpur	000	0	0	00	00	97	00	0	002	89	0	0	9	0	0	79	85	+ 3	+ 6	5.4	+ 1.4	6.3	6
	Fort Abbas																							4
Peshawar	Chakdara	000	0	2	00	00	97	01	1	988	80	0	0	8	7	0	76	76	—	—	5.8	—	21.3	—
	Peshawar	000	0	1	31	02	97	02	0	xxx	xx	1	1	6	0	0	77	80	— 2	+ 3	5.8	+ 2.2	18.7	14
	Haripur	000	3	3	23	02	97	03	0	978	89	3	0	9	0	6	72	78	—	—	12.4	—	23.3	—
	Campbellpur	000	0	3	09	02	98	03	0	018	88	3	1	9	0	0	77	83	—	—	16.0	—	29.9	—
D. I. Khan	Bannu	000	0	2	00	00	99	02	0	985	88	2	0	9	5	0	73	82	—	—	10.0	—	16.9	11
	D. I. Khan	000	0	0	00	00	98	00	0	990	91	0	0	9	0	0	79	82	+ 2	+ 2	9.8	+ 5.1	13.5	10
Quetta	Sibi	000	0	0	00	00	99	00	0	000	86	0	0	9	0	0	77	81	—	—	3.1	—	3.4	5
Kalat	Nokkundi	000	0	0	07	02	99	02	0	005	88	0	0	9	0	0	65	87	—	—	0	—	1.1	2
	Turbat	002	0	3	23	01	95	03	0	007	83	0	0	9	6	0	76	xx	—	—	2.3	—	6.7	—
	Jiwani	000	0	4	00	00	97	02	0	018	82	3	1	5	5	0	74	79	—	—	0.1	—	5.7	4
	Pasni	000	0	6	29	07	97	00	0	038	83	2	5	7	7	0	79	81	+ 3	+ 6	0.1	— 0.8	2.7	6
	Ormara	000	0	4	27	03	98	02	1	029	85	4	2	7	0	0	78	80	—	—	0.2	— 0.6	2.1	6
	Las Bela	000	0	0	00	xx	98	00	0	000	83	0	0	9	0	0	77	78	—	—	—	—	—	8
Karachi Federal Area & Hyderabad	Karachi (Manora)	000	0	6	25	12	96	03	2	025	83	0	0	9	8	0	79	80	+ 1	+ 2	6.5	+ 1.1	6.5	8
	Karachi (Air Port)	031	0	7	23	09	96	03	2	028	81	5	6	5	3	0	77	81	—	—	11.3	—	11.4	—
	Badin	000	2	8	23	02	95	03	2	020	81	0	8	9	0	0	78	80	+ 1	+12	4.7	— 1.3	4.7	9
	Nagarparker	165	4	8	00	00	95	02	3	028	78	8	7	7	0	0	76	75	—	—	10.1	—	10.1	—
	Umarkot	042	3	8	18	03	98	51	6	020	79	8	4	6	0	0	78	78	—	—	12.0	—	12.9	—
	Hyderabad	008	9	5	23	02	97	03	4	027	83	3	0	9	2	1	77	80	— 1	+ 2	6.9	+ 1.6	7.7	7
Khairpur	Pad-i-dan	035	0	6	18	02	97	03	9	006	84	2	3	6	0	4	79	81	—	—	5.2	—	5.4	—
	Nawabshah	000	0	5	18	05	97	03	2	016	83	1	0	9	1	2	78	81	—	—	4.1	—	4.8	—
	Sukkur	000	9	4	23	02	96	03	2	003	85	0	0	9	0	8	78	82	—	—	2.1	—	3.1	4
	Kashmore	000	0	0	xx	03	99	00	0	002	90	0	0	9	0	0	76	84	—	—	0	—	3.1	—
	Jacobabad	000	0	2	18	02	96	02	0	002	90	0	0	9	0	0	79	87	— 3	+ 6	3.7	+ 1.6	4.4	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	000	9	9	29	02	92	49	1	450	66	9	x	0	x	x	64	62	+ 1	+ 5	36.9	+ 7.3	62.1	59
Peshawar	Drosh	000	0	0	00	00	98	02	0	448	80	0	0	9	0	0	59	75	+ 8	+ 5	1.3	—	30.4	18
	Cherat	000	0	0	13	03	98	00	0	452	75	0	0	9	0	0	71	72	0	+ 3	14.0	+ 4.5	23.9	29
	Kakul	000	3	3	07	02	99	01	1	446	76	3	4	7	0	0	69	72	—	—	36.6	—	46.3	—
	Landi Kotal	000	0	1	00	00	98	03	0	440	81	1	1	7	0	0	71	xx	—	—	2.5	—	17.5	—
D.I. Khan	Parachinar	000	0	2	23	02	99	00	0	797	70	0	0	9	2	0	62	xx	—	—	12.2	—	26.2	29
	Miranshah	000	0	0	00	00	99	00	0	446	87	0	0	9	0	0	68	76	—	—	2.7	—	5.7	13
	Wana	000	0	0	00	00	98	00	0	444	78	0	0	9	0	0	xx	69	—	—	—	—	—	—
Quetta	Fort Sandeman	000	0	0	00	00	98	02	0	450	92	0	0	9	0	0	65	75		+ 4	5.9	+ 2.2	14.6	11
	Hindubagh	000	0	0	31	02	98	00	0	418	75	0	0	9	0	0	54	75	— 2	—	3.9	—	12.0	—
	Loralai	000	0	0	00	00	98	00	0	436	73	0	0	9	0	0	65	66	—	—	6.8		13.6	—
	Harnai	000	5	7	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	4.9	— 4.6	11.2	14
	Quetta	000	0	0	00	00	95	00	0	453	71	0	0	9	0	0	65	64	—	—	4.4	+ 3.5	10.0	8
	Chaman	000	0	0	13	03	98	02	0	416	81	0	0	9	0	0	55	74	+ 4	+ 6	0.1	0	6.3	7
Kalat	Kalat	000	0	0	36	02	98	02	0	455	72	0	0	9	0	0	59	64	0	+ 8	4.0	+ 3.9	8.9	9
	Nushki	000	0	1	13	02	98	02	0	466	85	0	0	9	0	0	67	75	—	—	0.9	—	2.8	—
	Dalbandin	000	9	0	31	03	98	02	0	444	84	0	0	9	0	0	67	81	— 4	+12	0.2	— 0.1	2.2	5
	Panjgur	004	0	2	23	02	98	03	1	560	75	0	0	9	2	0	71	71	— 8	0	1.5	—	3.1	4
Afghanistan	Kabul																							12
	Kandahar																							—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day.

Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 29th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	0 $T_sT_sT_dT_d$	Id_wd_w P_wH_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Bagdad	63 195	583 00	7 19 10	97 02 2	015 77	70 4 10	15 71 5	...	0 05 70	1 19 22
Tove	63 234	597 00	4 13 05	98 01 1	020 82	31 5 00	32 60 2	...	0 52 75	1 13 22
Daressa	63 248	645 00	7 25 06	98 02 2	029 82	85 x 3x	46 60 4	...	...	...
Bagdad	63 185	574 03	0 21 13	97 10 0	010 72	06 9 00	15 20 5	...	0 04 66	1 21 21
Cilicia	63 241	659 06	3 20 09	98 01 0	050 85	31 5 40	56 21 0	...	0 51 81	1 20 22
Bagdad	63 189	579 06	8 21 13	97 10 2	030 75	80 5 10	15 22 0	...	0 09 70	1 21 21
Bechnabee	63 257	530 06	7 07 10	98 02 2	023 93	22 5 09	66 21 1	...	0 03 77	1 07 21
Manchester	63 233	592 06	3 10 05	99 02 0	046 84	21 8 41	34 22 0	...	0 52 73	1 10 20
Alwaki	63 212	617 06	8 21 14	96 20 6	051 77	87 3 xx	15 21 0	...	0 51 73	1 24 32
Iso Cardia	63 278	507 06	4 30 05	98 02 0	095 86	00 9 07	76 20 5	...	0 55 77	1 30 x0
Tove	63 227	636 06	6 12 05	98 01 2	032 82	68 5 4x	33 50 2	...	0 52 75	1 13 23
Isomeria	63 254	575 06	4 12 10	99 02 1	040 88	21 3 52	36 12 0	...	0 51 77	1 12 21
Manchester	63 212	599 12	7 07 10	99 02 2	128 81	77 8 00	44 71 0	...	0 02 74	1 07 20
Ocean Envoy	63 177	714 12	7 32 09	97 xx 2	xxx 82	...	...			
Alwaki	63 220	630 12	5 19 12	98 01 2	037 79	52 4 00	15 60 9	...	0 51 73	1 20 32
Cilicia	63 233	649 12	3 20 09	98 02 0	152 82	31 5 40	56 71 0	...	0 04 81	1 20 22
Meria	43 242	585 12	3 11 08	99 02 0	036 84	32 4 91	35 71 2	...	0 55 77	1 11 21
Alwaki	63 230	643 18	3 19 10	98 01 1	060 81	32 4 00	15 11 1	...	0 53 72	1 21 32
Daressa	63 246	612 18	2 24 02	99 02 1	045 82	11 x 11	55 01 8	...	0 52 xx	...
Cilicia	43 222	632 18	6 23 16	98 03 2	042 79	xx 9 xx	56 30 7	...	0 55 78	1 23 32
City of Manchester	63 180	575 18	1 23 18	97 16 0	037 72	00 9 80	15 11 8	...	0 92 72	1 23 44
Isomeria	63 230	595 18	1 12 08	99 00 0	056 82	10 6 30	36 20 6	...	0 53 75	1 43 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	001 288 265	...	..	410 182 138	...	073 102 052	342 032 525	801 545 622	529 642 765	964 798	241 002	424 122	..
Jiwani ...														
Karachi ...	00 00	999 248 248	...	...	418 240 140	.	117 162 025	411 100 999	...	...	...	...	...	...
Lahore ...	00 00	976 288 272	...	..	425 242 999	...	090 158 999	382 102 999	871 015 999	...	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	908 205 162	800 158 118	558 000 550	...	...	...	...	...	...	558 000 550	...	..
Jiwani ...													
Karachi ...	00 00	900 255 195	800 222 105	...	...	...	.	.	...	...	800 222 105	...	...
Lahore ...	00 00	900 268 999	800 222 999	..	...		...	...		...	800 222 999	.	...
Multan ...													
Peshawar ...													
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of oC.
St:-Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

At 1200 hrs. G.M.T † of Previous day (dd ff)

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	18 00	15 08	16 08	18 08	13 10	14 13	08 15	11 18	08 25
Chaklala ...	...	...	...	...	...	...	...	...	...
Chhor ...	18 07	20 09	22 02	08 05	07 10	10 09	09 19	09 24	...
Chittagong ...	22 07	22 08	21 05	09 04	09 10	08 15	...	...	...
Cox's Bazar ...	20 05	21 06	...	...	...	...	...	...	...
Dacca ...	18 09	16 07	16 06	11 04	11 09	13 10	08 15	08 19	09 18
Dalbandin ...	...	...	18 13	24 03	34 07	01 12	06 25	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	21 11	21 14	15 01	36 06	35 09
Fort Sandeman ...	...	...	...	16 08	22 04	27 05	03 10	04 10	35 06
Jacobabad ...	08 04	11 03	13 03	13 03	07 02	09 04	10 07	12 10	12 17
Jessore ...	15 09	15 09	16 10	16 09	16 09	10 11	07 09	04 10	02 10
Jhelum ...	22 07	26 03	32 03	32 06	31 04	31 04	28 09	29 10	29 12
Jiwani ...	16 08	13 10	11 15	08 17	08 17	09 17	09 15	...	...
Karachi ...	28 11	28 08	28 04	...	...	...	...	...	...
Khanpur ...	27 06	30 06	30 04	27 01	12 04	10 08	05 11	08 12	09 14
Lahore ...	27 04	28 04	29 03	33 04	33 10	30 08	33 06	31 08	28 08
Multan ...	24 05	19 05	20 04	23 04	23 05	32 02	25 04	04 03	25 01
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	17 09	03 08	03 14	02 03	04 03
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	28 05	27 03	19 01	10 06	04 08	13 10	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	20 04	18 03	18 06	08 11	09 12	08 17
Chaklala ...	...	...	...	...	...	...
Chhor ...	24 19	25 13	...	...	...	...
Chittagong ...	22 04	24 03	31 02	...	...	...
Cox's Bazar ...	36 04	34 03	36 04	08 05	07 09	09 10
Dacca ...	07 01	07 04	06 06	06 10	07 09	18 09
Dalbandin ...	...	...	26 11	26 17	35 12	03 14
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	23 04	24 05	28 03
Fort Sandeman ...	...	...	...	18 02	30 04	32 15
Jacobabad ...	25 09	25 05	24 07	32 07	30 05	01 05
Jessore ...	16 09	17 10	20 11	...	...	...
Jhelum ...	10 06	12 05	23 07	30 09	33 08	34 08
Jiwani ...	24 05	16 01	07 05	...	...	...
Karachi ...	29 09	29 17	30 27	31 09	27 14	26 07
Khanpur ...	24 13	25 13	24 11	23 09	20 07	18 01
Lahore ...	11 04	17 02	01 02	36 05	34 10	32 14
Multan ...	18 09	18 11	18 12	21 11	34 02	02 06
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	33 04	30 04	16 03	24 04	31 12
Quetta ...	...	...	...	...	31 06	34 15
Sharjah ...	...	...	...	...	...	...
Sylhet ...	25 01	01 03	05 07	06 11	06 11	09 13
Veraval ...	...	...	...	...	...	...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	02 05	04 05	04 04	...	...	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	14 01	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	20 08	19 04	08 04	08 06	09 10	...	...	...	...	...	...
Dacca ...	09 02	08 05	08 08	09 14	08 18	07 15	...	...	...	...	...
Dalbandin ...	...	...	25 09	28 11	01 06	02 13	09 17	07 14	06 12	13 11	07 19
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	24 05	09 09	35 08	33 15	31 14	...	...
Fort Sandeman ...	...	...	...	25 01	05 04	02 10	01 06	35 08	31 05	34 05	29 04
Jacobabad ...	18 05	21 06	21 05	17 02	07 09	06 09	05 13	07 13	04 12	07 17	04 03
Jessore ...	10 04	09 07	10 11	09 13	07 13	08 19	...	...	...	...	...
Jhelum ...	14 03	22 04	25 06	28 09	32 09	31 10	33 12	34 10	30 07	26 12	25 03
Jiwani ...	21 06	23 04	07 03	...	...	...	...	...	...	...	...
Karachi ...	28 15	28 14	...	...	...	...	...	...	...	...	...
Khanpur ...	25 10	23 09	21 11	19 13	21 11	03 03	05 10	04 11	06 13	10 14	05 15
Lahore ...	22 06	21 09	22 08	27 05	30 09	33 07	...	...	...	...	...
Multan ...	19 08	18 07	20 07	21 07	16 02	02 10	03 05	36 05	36 05	07 08	04 07
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	32 03	35 11	07 13	02 04	33 04	01 04	07 07
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	08 03	08 03	09 05	09 16	09 17	10 17	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...

* The actual time of observations may vary within half an hour of the sp cified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	...		...	...	...		...					...						
Karachi ...		34 00	01 05	07 07	06 10	09 00	10 13	09 14	09 12	10 19	07 24	08 20	08 10	08 19	...	...	...	...
Peshawar ...	27 15	26 15	32 11	32 08	11 08	09 09	06 20	07 20	...	...	...	...	...	...	...	...	...	...
Quetta ...																		

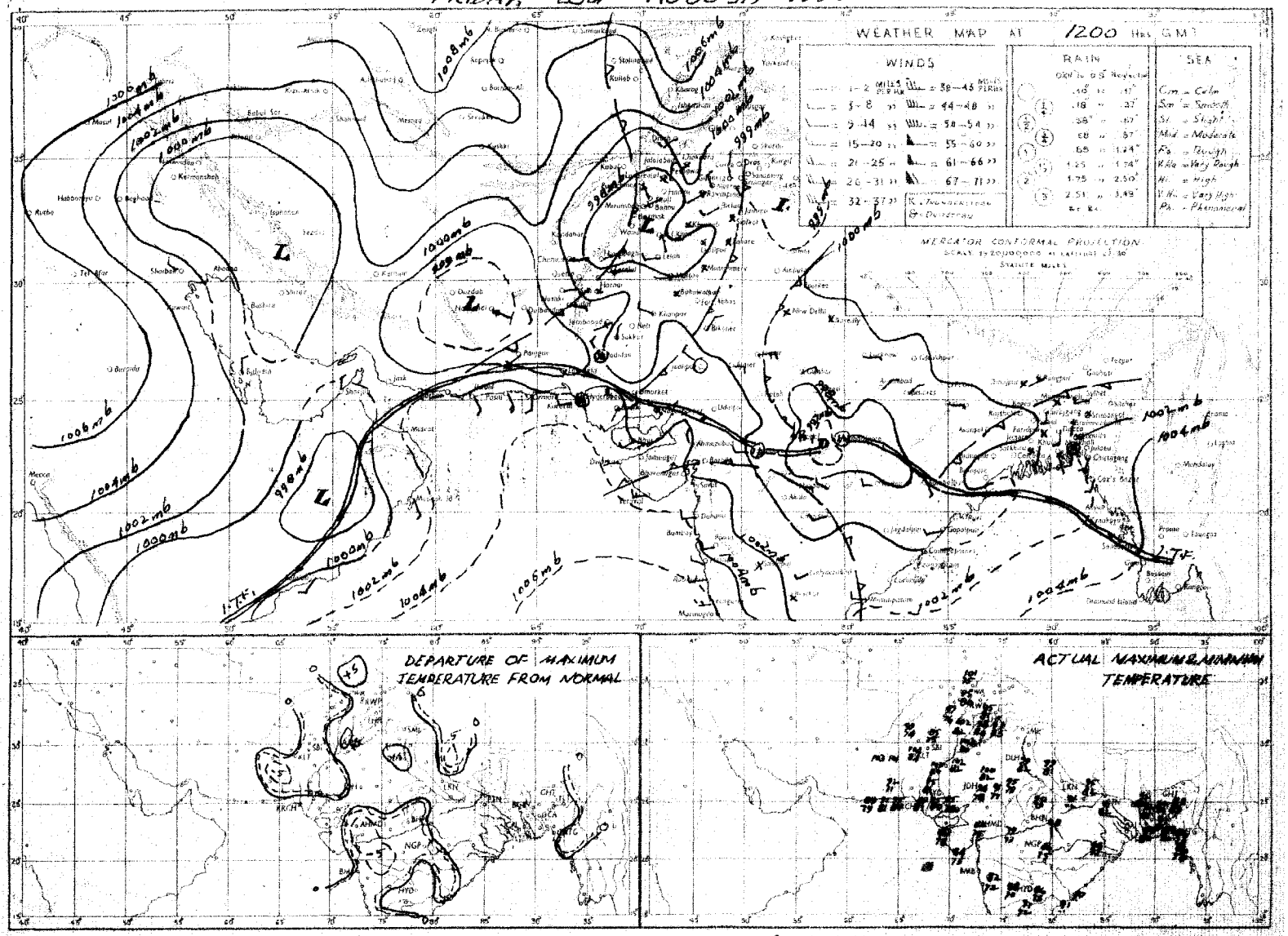
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cddv,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, 28th AUGUST, 1959



Rainfall amounts indicated in the above chart refer to past 24 hours.

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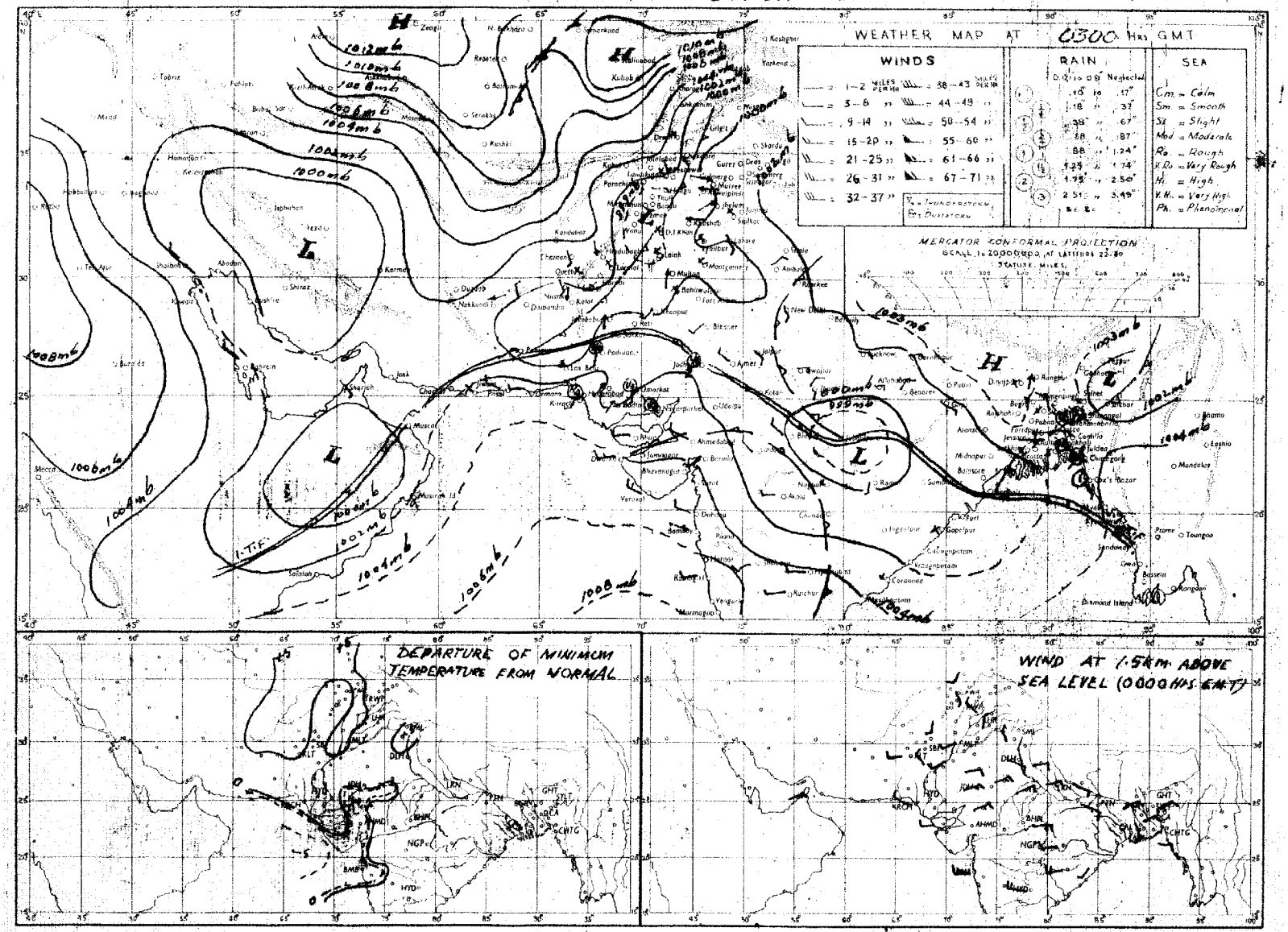
PAKISTAN DAILY WEATHER MAP

SATURDAY, 29th AUGUST, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

SUNDAY THE 30th AUGUST, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave moving across central Burma now lies as a low over Northwest Bay of Bengal. In its association rain/thundershowers have been widespread in Dacca division, fairly widespread in Chittagong division and local in Rajshahi division. The low over Madhya Pradesh persists.

Yesterday's low pressure wave is now moving across East Kashmir and adjoining areas. Rain/thundershowers have been fairly widespread in Rawalpindi division local in Hyderabad division and scattered in Lahore and Peshawar divisions.

Chief amounts of rainfall are: Maijdee Court 2", Barisal and Rangpur 1½" each; Comilla and Jessore 1" each; Cox's Bazar, Faridpur, Khulna and Sialkot 3/4" each; Sylhet, Satkhira and Murree ½" each; Brahmanbaria, Dacca and Mithi ¼" each.

Day temperatures were 3—6°F above normal in Dacca, Rajshahi, Multan, D. I. Khan, Rawalpindi, upper Peshawar and Quetta divisions and 3—4°F below normal in Hyderabad division.

Forecast valid until the evening of 31st August, 1959 Fairly widespread rain/thundershowers will occur in East Pakistan Kashmir, Rawalpindi and Lahore divisions and scattered in Peshawar, Multan, Quetta, Hyderabad divisions and the Federal Capital area.

Heavy Rainfall Warning.— Locally moderate to heavy rain is likely to occur in East Pakistan, Kashmir, Rawalpindi and Lahore divisions during the next 24 hours.

Karachi-11
The 30th August, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at† Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility† VV (8)	Present weather† ww (9)	Past weather† W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form† CL (14)	Height of Lowest Cloud† h (15)	Medium Cloud form† CM (16)	High Cloud form† CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	017	5	7	16	03	96	02	6	988	79	5	4	6	1	4	78	85
	Chittagong	002	3	8	18	09	97	02	9	994	82	6	3	5	2	x	78	87
	Maijdee Court	105	2	5	09	05	95	03	9	990	80	3	4	6	2	0	79	90
	Comilla	117	[illegible]	8	00	00	96	02	6	985	80	8	4	5	x	x	79	91
	Brahmanbaria	015	0	6	00	03	95	97	1	979	83	6	4	5	0	0	80	91
	Sylhet	000	7	2	00	00	96	02	9	972	90	2	1	6	0	0	82	92
	Srimangal	000	0	6	00	00	96	03	2	969	89	6	3	6	0	0	89	92
Dacca	Mymensingh	000	0	6	00	00	99	02	1	976	91	2	2	[illegible]	0	4	78	94
	Narayanganj	000	9	8	23	02	97	17	2	970	90	4	3	6	3	[illegible]	63	91
	Dacca (Tezgaon)	005	2	8	00	00	98	17	9	969	83	5	9	8	1	6	79	92
	Faridpur	...	...	...			...		...	...				...	...	...		
	Barisal	000	0	8	18	01	97	03	2	975	85	8	7	6	x	x	82	91
Rajshahi	Khulna	000	0	8	18	07	96	01	2	979	86	8	5	6	x	x	81	91
	Satkhira	000	0	6	00	00	95	03	2	977	89	6	6	8	0	0	81	91
	Jessore	011	7	4	09	02	97	02	6	978	91	2	1	6	6	0	80	92
	Sirajganj	000	0	0	00	00	98	17	2	958	85	8	9	5	x	x	78	93
	Bogra	000	0	6	05	02	96	03	2	975	90	3	5	6	0	2	80	93
	Dinajpur	000	8	4	00	00	96	02	2	963	93	4	0	9	2	0	79	xx
	Rangpur	000	0	4	07	02	96	03	0	xxx	91	3	8	6	2	0	81	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	7	13	03	96	01	2	976	87	1	1	7	7	8	77	97
	Sialkot	000	3	6	13	02	97	02	1	970	88	2	2	6	4	0	81	93
Rawalpindi	Jhelum	000	1	4	18	02	98	02	9	956	95	3	1	7	3	0	79	98
	Rawalpindi	000	0	2	18	02	99	02	0	950	96	1	1	7	5	0	76	97
	Khushab	000	0	0	13	02	99	00	0	955	03	0	0	9	0	0	72	04
Multan	Lyallpur	000	0	4	00	00	96	01	0	953	98	0	0	9	0	3	75	01
	Montgomery	000	0	0	00	00	96	00	0	961	00	0	0	9	0	0	79	04
	Multan	000	0	3	23	02	97	02	0	951	03	1	0	9	3	2	77	05
Bahawalpur	Leiah	000	0	0	00	00	96	05	0	xxx	99	0	0	9	0	0	74	05
	Khanpur	000	0	2	27	05	96	05	0	954	02	2	0	9	2	0	90	03
	Bahawalpur	000	0	2	31	03	97	00	0	961	04	1	0	9	1	1	73	07
	Fort Abbas	000	0	4	29	02	98	02	1	967	04	4	0	9	2	0	71	09
Peshawar	Chakdara	000	0	1	23	02	98	01	1	928	93	1	1	7	0	0	77	93
	Peshawar	000	0	1	02	12	97	05	0	942	97	1	1	6	0	0	79	97
	Haripur	000	4	3	23	04	97	03	0	936	96	3	1	6	0	0	77	98
	Campbellpur	000	0	1	05	03	98	01	0	966	98	1	0	9	1	0	74	99
D. I. Khan	Bannu	000	0	3	13	01	99	01	0	948	01	3	1	6	0	0	70	01
	D. I. Khan	000	6	0	00	00	98	00	0	938	02	0	0	9	0	0	80	03
Quetta	Sibi	000	0	0	23	03	99	00	0	960	05	0	0	9	0	0	68	06
Kalat	Nokkundi	000	0	0	34	02	97	02	0	929	08	0	0	9	0	0	43	10
	Turbat	000	0	0	18	02	96	00	0	992	04	0	0	9	0	0	84	04
	Jiwani	000	0	3	20	10	97	02	1	007	86	3	6	4	0	0	81	89
	Pasni	000	0	1	20	10	97	02	0	998	87	1	0	9	7	0	84	93
	Ormara	000	0	5	24	10	98	02	1	998	92	5	2	6	0	0	75	92
	Las Bela	000	0	0	00	00	96	00	0	989	97	0	0	9	0	0	79	01
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	7	25	12	97	03	2	001	85	2	6	4	9	0	78	87
	Karachi (Air Port)	000	0	6	23	09	96	03	2	009	85	4	6	5	5	0	76	87
	Badin	000	0	0	23	02	97	00	0	005	89	0	0	9	0	0	19	89
	Nagarparkar	000	0	4	00	00	96	01	0	976	87	4	0	9	7	0	69	91
	Umarkot	017	7	4	23	05	98	02	6	985	87	4	1	6	0	0	80	87
	Hyderabad	000	0	8	18	03	97	02	2	012	93	4	8	9	2	1	70	93
Khairpur	Pad-i-dan	000	8	4	13	10	98	03	1	970	99	1	1	6	0	4	75	01
	Nawabshah	000	0	4	18	09	96	02	1	987	94	2	0	9	2	1	75	95
	Sukkur	000	8	3	25	02	96	02	1	961	99	0	0	9	0	8	90	00
	Kashmore	000	0	2	00	00	99	00	0	971	99	2	1	8	0	0	87	02
	Jacobabad	000	0	3	18	07	96	02	0	967	00	1	1	7	0	2	78	03
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	7	8	27	02	94	03	4	430	69	8	5	7	x	x	66	69
Peshawar	Drosh	000	0	0	23	10	98	02	0	426	00	0	0	9	0	0	51	05
	Cherat	000	0	1	18	03	98	01	0	425	85	1	2	6	0	0	78	86
	Kakul	000	8	3	20	05	97	01	1	421	83	3	2	6	0	0	70	85
	Landi Kotal	000	0	1	13	03	98	02	0	407	89	1	1	7	0	0	70	93
	Parachinar	000	0	2	13	02	99	00	0	796	86	2	0	9	1	0	62	xx
D.I. Khan	Miranshah	000	0	0	05	02	99	00	0	396	96	0	0	9	0	0	67	98
	Wana	000	0	3	13	05	99	03	0	403	92	3	2	8	0	0	61	95
	Fort Sandeman	000	0	2	36	03	99	02	0	410	98	2	1	7	0	0	53	00
Quetta	Hindubagh	000	0	3	27	02	96	03	0	369	93	2	0	9	4	4	59	93
	Loralai	000	0	0	13	07	8	00	0	446	88	0	0	9	0	0	62	90
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	31	02	96	00	0	385	94	0	0	9	0	0	60	94
	Chaman	000	0	0	27	02	98	02	0	398	00	0	0	9	0	0	25	81
Kalat	Kalat	000	1	7	09	09	96	50	2	423	81	7	7	6	0	0	56	90
	Nushki	000	0	0	23	02	98	02	0	469	03	0	0	9	0	0	61	04
	Dalbandin	000	2	1	23	05	97	03	0	421	03	1	1	7	3	0	57	04
	Panjgur	000	0	3	00	00	98	03	1	440	94	3	0	9	0	0	68	95
Afghanistan	Kabul																	
	Kandahar																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at† Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility† VV (25)	Present weather† ww (26)	Past Weather† W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud† Nh (30)	Low Cloud Form† CL (31)	Height of Lowest Cloud† h (32)	Medium Cloud form† CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	079	9	5	16	05	96	02	6	015	83	3	5	6	5	2	79	76	–1	0	99.6	+5.9	115.4	140
	Chittagong	009	9	2	16	09	97	02	6	018	83	2	2	6	0	0	75	77	+1	+1	80.7	+16.3	113.6	108
	Maijdee Court	225	9	5	00	00	97	01	6	012	89	2	1	6	2	0	77	78	+5	0	78.7	+10.9	110.6	115
	Comilla	117	9	0	00	00	98	00	6	017	85	0	0	9	0	0	76	77	+3	0	52.6	+1.3	78.6	94
	Brahmanbaria	021	0	4	13	02	97	03	1	018	85	2	5	5	4	0	79	79	—	—	35.9	–2.4	41.9	76
	Sylhet	053	8	3	00	00	96	01	9	020	84	2	5	5	3	0	78	79	—	—	109.1	—	147.1	—
	Srimangal	000	8	7	18	03	97	03	9	021	83	6	2	5	4	x	77	77	+2	+1	55.7	+9.1	88.7	98
Dacca	Mymensingh	016	5	6	23	02	99	02	9	018	84	2	2	5	0	4	80	77	+7	–1	62.3	+13.2	84.4	91
	Narayanganj	006	6	4	11	03	97	03	6	011	88	3	4	4	3	0	77	81	+3	+2	43.2	+4.6	63.5	74
	Dacca (Tezgaon)	031	9	7	13	07	97	02	9	008	85	6	8	4	0	1	78	79	—	—	43.3		59.3	—
	Faridpur	076	9	7	16	02	96	03	6	017	85	7	5	6	0	0	78	77		–1	40.3	+2.6	68.7	71
	Barisal	165	9	6	08	03	96	03	6	999	84	6	0	8	4	0	78	71	+4	–7	63.8	17.0	78.6	81
Rajshahi	Khulna	080	0	5	09	03	96	01	6	002	82	5	5	6	0	0	78	77	+3	–1	45.9	+5.7	68.7	68
	Satkhira	065	0	8	00	00	95	03	6	002	82	x	x	x	x	x	79	78	+2	0	35.7	–1.7	53.8	65
	Jessore	097	9	8	13	03	97	03	6	999	81	8	4	6	x	x	80	76	—	—	35.7	+0.3	71.6	65
	Sirajganj	007	6	8	00	00	98	02	9	001	85	8	2	9	0	1	79	81	+6	+2	47.8	+8.9	72.6	64
	Bogra	003	6	6	09	02	96	21	6	009	85	4	6	4	2	0	80	xx	+5	x	47.2	+8.3	64.2	69
	Dinajpur	000	3	4	00	00	96	02	2	022	89	4	0	9	2	0	81	82	x	0	28.3	–14.5	45.7	72
	Rangpur	125	7	8	13	02	96	02	0	xxx	xx	8	5	6	x	x	xx	xx	+2	x	45.2	–2.3	65.1	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	9	8	02	10	96	03	1	014	77	6	5	5	4	x	72	77	0	0	17.9	+5.8	23.5	19
	Sialkot	082	2	7	00	00	97	21	6	013	75	8	7	5	x	x	75	74	–1	–3	38.8	+19.0	44.9	32
Rawalpindi	Jhelum	006	2	8	05	05	96	17	9	012	74	6	9	5	2	x	73	76	—	—	31.6	—	41.9	—
	Rawalpindi	000	2	7	05	02	98	03	9	004	xx	7	0	9	9	0	72	78	+4	+4	25.9	+6.5	38.9	36
	Khushab	000	0	2	09	03	96	03	0	986	85	2	1	6	0	0	79	82	+5	+1	12.7	+3.9	18.2	15
Multan	Lyallpur	000	0	0	07	02	96	00	0	985	85	0	0	9	0	0	76	82	+4	+3	10.6	+2.9	13.3	12
	Montgomery	000	0	0	00	00	96	00	0	976	86	0	0	9	0	0	77	82	+4	+2	3.9	–3.2	6.3	10
	Multan	000	0	2	13	03	97	02	0	966	88	0	0	9	0	2	81	85	+7	+4	4.9	–3.9	7.0	7
Bahawalpur	Leiah	000	0	0	18	02	98	00	0	092	90	0	0	9	0	0	82	81	—	—	3.9	—	5.8	8
	Khanpur	000	0	0	25	05	96	03	0	982	87	0	0	9	0	0	79	82	0	—	0.3	–4.3	1.2	6
	Bahawalpur	000	0	3	23	07	97	02	0	979	89	0	0	9	0	2	75	86	+6	+7	5.4	+1.4	6.5	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—				—	4
Peshawar	Chakdara	000	0	6	00	00	99	01	2	962	81	6	0	8	4	0	74	77	—	—	5.8	—	21.3	—
	Peshawar	000	0	2	34	03	97	04	0	974	85	2	2	6	0	0	81	82	0	+5	5.8	+2.2	18.7	14
	Haripur	003	3	6	05	02	97	03	2	965	85	6	5	6	0	0	55	82	—	—	12.4	—	23.3	—
	Campbellpur	000	0	5	13	10	97	03	1	997	92	5	1	8	0	0	83	81	—	—	16.0	—	29.9	—
D. I. Khan	Bannu	000	0	3	05	01	99	03	0	961	91	3	0	9	3	0	74	84	—		10.0	—	16.9	11
	D. I. Khan	000	0	0	00	00	98	00	0	020	90	0	0	9	0	0	79	82	+3	+2	9.8	+5.1	13.5	10
Quetta	Sibi	000	0	0	00	00	99	00	0	983	87	0	0	9	0	0	75	86	—	—	3.1	—	3.4	5
Kalat	Nokkundi	000	0	0	34	02	96	02	0	963	88	0	0	9	0	0	31	86	—	—	0	—	1.1	2
	Turbat	000	0	0	27	01	96	00	0	038	83	0	0	9	0	0	74	xx	—	—	2.3	—	4.7	—
	Jiwani	000	0	8	23	03	97	03	2	008	83	8	6	4	x	x	75	80	—	—	0.1	—	5.7	4
	Pasni	000	0	6	29	07	97	00	0	001	83	6	5	7	x	0	79	80	+5	+5	0.1	–0.7	2.7	4
	Ormara	000	0	7	27	03	98	02	1	001	83	7	4	5	0	0	78	80	—	—	0.2	–0.6	2.1	6
	Las Bela	000	0	0	00	00	98	00	0	006	85	0	0	9	0	0	78	81	—	—	4.5	—	4.7	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	6	25	05	97	03	2	099	83	0	0	9	0	4	78	81	+2	+3	6.5	+1.1	6.5	8
	Karachi (Air Port)	000	0	7	27	09	96	03	2	998	82	2	1	6	5	0	78	80	0	—	11.3	—	11.4	—
	Badin	000	0	3	23	02	96	03	0	024	80	0	0	9	0	2	79	78	–4	0	4.7	–1.5	4.7	9
	Nagarparkar	000	0	2	18	02	97	01	1	982	83	2	0	9	2	0	74	77	—	—	10.1	—	10.1	—
	Umarkot	017	8	7	23	05	98	03	0	980	81	5	0	9	8	1	78	78	—	—	12.2	—	13.0	—
	Hyderabad	000	0	8	20	02	97	02	2	017	83	4	8	9	2	1	76	80	–3	+2	6.9	+1.5	7.7	7
Khairpur	Pad-i-dan	000	0	2	13	05	98	03	0	979	88	0	0	9	0	4	76	81	—	—	5.2	—	5.4	—
	Nawabshah	000	0	4	18	03	97	03	0	988	85	4	0	9	1	0	76	85	—	—	4.1	—	4.8	—
	Sukkur	000	3	2	20	03	96	03	0	977	89	0	0	9	0	3	76	83	—	—	2.1	—	3.1	4
	Kashmore	000	0	0	00	00	99	00	0	981	88	0	0	9	0	0	77	82	—	—	0	—	3.1	—
	Jacobabad	000	0	1	18	04	96	03	0	978	88	0	0	9	0	8	79	84	0	+3	3.7	+1.6	4.4	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	054	9	9	13	05	90	95	4	447	60	9	x	0	x	x	59	60	–1	+3	37.4	+7.6	62.7	59
Peshawar	Drosh	000	0	1	00	00	98	03	0	414	81	1	1	7	0	0	64	77	+12	+7	1.3	—	30.4	18
	Cherat	000	0	8	18	03	91	47	0	450	74	8	5	6	x	x	73	73	+1	+4	14.0	+5.3	23.9	29
	Kakul	000	4	8	23	02	96	17	9	428	75	8	9	5	x	x	71	74	—	—	36.6	—	46.3	—
	Landi Kotal	000	0	0	05	01	98	00	0	422	82	0	0	9	0	0	72	xx	—	—	2.5	—	17.5	—
	Parachinar	000	0	0	31	06	99	00	0	797	69	0	0	9	0	1	61	xx	—	—	12.2	—	24.2	29
D.I. Khan	Miranshah	000	0	0	00	00	99	00	0	425	97	0	0	9	0	0	60	78	—	—	2.7	—	5.7	13
	Wana	003	0	0	16	02	99	00	0	424	90	0	0	9	0	0	65	73	—	—	4.3	—	13.3	—
	Fort Sandeman	000	0	0	27	02	98	02	0	428	81	0	0	9	0	0	68	77	+5	+6	5.9	+2.2	14.6	11
Quetta	Hindubagh	000	0	0	27	01	98	00	0	386	76	0	0	9	0	0	51	75	—	—	3.9	—	12.0	—
	Loralai	000	0	0	00	00	98	00	0	439	75	0	0	9	0	0	64	xx	—	—	6.8	..	12.6	—
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	4.9	–4.8	11.2	14
	Quetta	000	0	0	00	00	98	00	0	430	71	0	0	9	0	0	62	64	—	—	4.4	+3.5	10.0	8
	Chaman	000	0	0	13	03	98	02	0	416	88	0	0	9	0	0	57	76	+6	+8	8.1	0	6.3	7
Kalat	Kalat	000	0	0	16	05	98	02	0	433	72	0	0	9	0	0	60	62	6	+8	4.0	+2.9	8.4	9
	Nushki	000	0	0	13	02	98	02	0	470	89	0	0	9	0	0	61	74	—	—	0.9	—	2.8	—
	Dalbandin	000	9	0	27	02	97	02	0	399	79	0	0	9	0	0	53	76	–1	+7	0.2	–0.1	2.2	5
	Panjgur	000	0	0	00	00	98	00	0	441	77	0	0	9	0	0	70	74	–5	+3	1.5	—	3.1	4
Afghanistan	Kabul																							12
	Kandahar																							—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M.T. of the same day.
Whenever 999 is given for RRR see the summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 30th AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ... W	PPP TT	$N_hC_hh_hC_MC_H$	D,V.s PP	8 N, C_h, h_s	O T, T_s T_d	Id.d.PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cilicia	73 212	621 00	8 23 18	97 91 8	024 77	82 7 xx	55 61 8	...	0 56 76	1 23 23
Isomeria	73 203	594 06	8 21 15	96 03 2	042 75	86 7 xx	45 22 8	...	0 59 72	1 23 21
Caltex Persia	73 220	598 06	4 15 06	98 01 2	049 79	48 4 00	...	...	0 58 75	1 15 20
Burma	73 214	622 06	8 21 16	96 60 6	047 76	88 3 xx	34 11 7	...	0 52 72	1 21 32
Ocean Envoy	73 194	701 06	7 32 13	98 xx 1	xxx83	...	...	...	...	...
Alvalos	73 244	583 06	4 12 02	98 03 1	002 86	41 5 00	34 21 8	...	0 52 79	1 12 x0
Fago	73 188	470 06	3 21 24	96 10 0	010 77	58 4 52	27 31 3	...	0 46 78	1 21 x1
City of Manchester	73 199	601 06	8 21 18	96 60 5	051 76	86 3 xx	15 20 7	...	0 51 76	1 21 77
Cilicia	73 202	609 06	8 23 18	97 02 2	040 78	85 5 xx	55 10 3	...	0 53 xx	1 23 33
Bagdad	73 233	597 09	4 06 05	99 03 1	040 96	43 5 30	74 21 0	...	0 04 73	1 06 x0
Bagdad	73 238	586 09	3 09 05	99 01 0	025 84	31 5 00	75 71 5	...	0 52 88	1 09 21
Isomeria	73 191	586 12	8 21 18	97 03 2	025 77	86 6 xx	45 71 5	...	0 00 73	1 21 22
Pakistan Prosperity	73 207	694 12	4 29 18	98 xx 8	xxx 81	...	...	...	...	...
Cellicia	73 194	596 12	8 22 18	98 02 8	002 77	85 6 xx	55 71 9	...	0 00 76	1 22 34
City of Manchester	73 208	615 12	8 21 13	97 50 5	027 77	88 4 xx	15 61 0	...	0 01 76	1 21 43
Burma	73 210	632 12	8 21 13	97 02 5	036 76	85 3 xx	33 71 8	...	0 52 74	1 21 33
Ocean Envoy	73 200	696 12	3 27 14	96 xx 1	xxx 85	...	...	...	...	...
Fago	73 201	588 12	7 22 16	97 02 2	987 88	78 3 70	26 70 9	...	0 22 84	1 21 xx
Bagdad	73 250	577 15	1 12 05	99 02 0	085 86	88 9 04	...	...	0 51 73	1 12 x0
City of Manchester	73 210	626 18	8 21 13	97 14 2	034 78	86 4 xx	14 13 8	...	0 52 77	1 21 45
Ayalos	73 223	599 18	3 19 02	98 03 0	080 79	32 5 00	44 21 3	...	0 01 77	1 12 62
Cilicia	73 185	585 18	0 23 24	99 01 2	010 95	00 9 00	55 10 2	...	0 53 75	1 23 45
Fago	73 215	594 18	0 00 00	98 00 0	009 77	00 9 00	26 31 3	...	0 00 73	1 00 00
Gisellinks	73 100	656 18	2 23 09	98 01 1	107 81	21 5 00	26 21 1	...	0 51 75	1 23 xx

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT T$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...		00 00	998 288 255	...	303 238 505	410 205 162	...	074 098 082	348 042 012	815 538 572	552 632 668	969 768	249 968	424 112	679 235
Dacca ...				...											
Jiwani ...		00 00	997 265 258	Missa	703 009 802	408 248 999	...	094 148 999	380 042 999	857 522 999	598 618 999	975 745	257 948	444 065	...
Karachi ...		00 00	.		—	...	...	...	...	...	...	...	...	...	...
Lahore ...															
Multan ...															
Peshawar ...															
Quetta ...															

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT T$_d$T$_d$T$_d$							Max. Height Reached	TROPOPAUSE	
									PPPTTT T$_d$T$_d$T$_d$	St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	900 228 912	800 165 132	554 000 530	350 595 742	...	...	...	...	...	350 595 742	...	...
Dacca ...													
Jiwani ...	00 00	...	Missa	...	...	...	...	...	...	...	xxxxxxxxx	...	...
Karachi ...	00 00	...	..	...	...	...	...	...	...	...		...	...
Lahore ...													
Multan ...													
Peshawar ...													
Quetta ...													

PPP—Pressure in hundreds to ns and units of millibars.
TTT; $T_dT_dT_d$: Dry Bulb; Daw Point temperatures(in tenths of oC.
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in Kms. a.s.l. ⟶	At 1200 hrs. G.M.T. of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date(dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	02 07	01 06	02 05	08 09						11 12	11 20	10 24	..	...	...	11 09	12 09									
Chaklala ...		25 03	24 05	25 07	26 08	31 05	32 11	34 19	34 22								10 08	13 10	16 09	...	...	...	...	...	...	...
Chhor ...	21 07	17 04	13 04	07 10	09 13	08 16	...	...	...	23 16	21 12	17 12	02 13	09 17	08 16	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	21 08	19 08	16 07	...	...	...	...	...	...	15 22	15 26	16 24	...	...	...	14 22	14 20	15 24	14 23	...	...	...	...	...	...	...
Cox's Bazar ...	18 09	17 08	...	...	...	...	...	...	...	16 17	18 20	16 19	17 16	16 15	14 16	16 19	16 20	16 13	...	...	...	...	...	...	...	...
Dacca ...	07 02	11 03	09 05	09 08	09 18	...	...	...	...	13 08	13 12	Le 16	09 20	...	...	11 12	12 16	11 18	11 23	11 21	...	...	...	...	...	...
Dalbandin ...	..	..	24 04	24 09	30 04	02 11	05 17	05 18	02 14	...	...	24 03	22 09	30 07	33 08	...	...	28 04	21 07	22 05	35 19	01 07	09 05	14 07	32 07	06 19
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	21 12	22 07	24 09	33 03	36 05	...	...	...	22 01	22 06	21 11	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	08 03	07 01	36 04	36 08	34 10	34 06	...	...	...	21 03	20 04	28 13	...	...	...	...	23 07	22 06	17 05	32 07	32 09	32 10	...
Isobahad ...	30 04	22 05	25 05	19 02	06 09	05 16	02 12	05 11	06 11	20 22	20 16	19 13	17 06	23 07	02 07	21 06	21 12	21 10	25 02	19 03	13 01	28 13	35 05	36 09	34 07	07 10
Jacobabad ...	06 08	06 07	08 05	09 10	09 15	09 19	09 12	06 11		No	Ascent					11 10	11 15	11 19	21 10	21 10	18 06	02 80	05 11	04 05	08 06	06 14
Jiwani ...	16 03	22 07	22 07	25 07	30 07	35 13	34 17	33 13	33 12	09 13	14 11	19 15	22 ...	...	...	09 11	11 15	12 09	24 03	28 06	32 04	34 03	...	...	...	...
Karachi ...	22 05	23 07	23 10	24 16	...	...	...	...	...	26 06	23 05	...	...	...	...	24 07	23 09	22 10	...	...	...	...	...	...	...	...
Khanewal ...	27 14	27 12	27 07	...	...	...	...	...	...	28 17	28 15	30 11	03 09	09 14	08 17	25 19	24 15	25 13	...	...	...	...	...	...	...	...
Lahore ...	25 12	26 14	26 15	24 10	23 06	21 03	04 15	05 18	04 11	24 27	25 26	26 27	25 25	23 12	10 17	25 09	24 13	23 15	22 12	28 04	04 13	06 15	07 08	08 04	05 09	08 06
Multan ...	09 06	26 05	26 07	28 10	29 09	31 00	35 07	xx xx	35 08	17 13	18 15	20 09	28 07	32 06	...	07 13	08 21	06 09	34 09	35 03	32 08	30 06	29 06	28 09	...	02 08
Muscat ...	21 12	20 11	20 11	21 09	23 06	02 11	01 16	35 17	36 13	21 17	21 18	19 15	19 18	19 04	02 03	20 06	20 12	20 17	19 17	19 06	04 08	34 15	35 17	03 12	32 11	
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	..	...	...	27 03	03 06	01 13	32 13	35 04	..	36 09	32 07	26 12	31 07	33 18	...	02 10	03 05	..	..	15 03	31 07	32 13	33 17	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	27 04	31 10	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	23 02	14 03	10 10	11 23	11 25	08 22	10 21	...	...	04 06	18 15	10 14	11 15	12 17	12 19	23 05	08 11	10 21	10 23	11 19	12 19	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The actual time of observations may vary within half an hour of the ab cribed time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...																		
Karachi ...	14 12	13 11	12 12	09 18	12 14	10 15	11 20	13 20	12 00	12 16	12 00	07 21	09 18	...	...	...	...	...
Peshawar ...	27 14	27 17	32 13	35 09	07 13	08 18	06 23	09 23	10 22	12 14	08 20	08 21	10 24	10 23	...	...	...	...
Quetta ...																		

*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

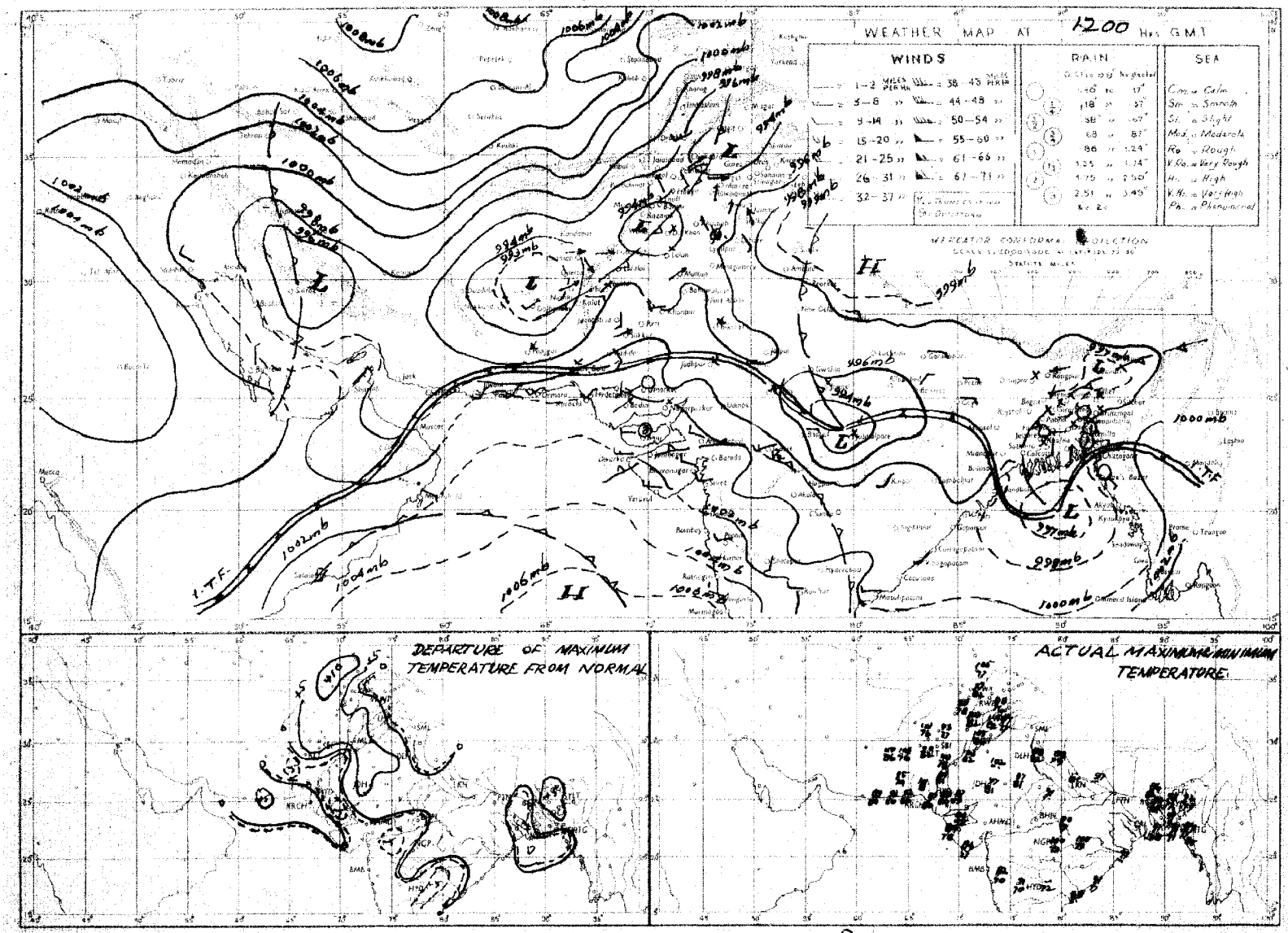
Cloud Observation Data (GGIii Cddv,v,etc.)

11 768 30 907

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

SATUREDAY, 29th AUGUST, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

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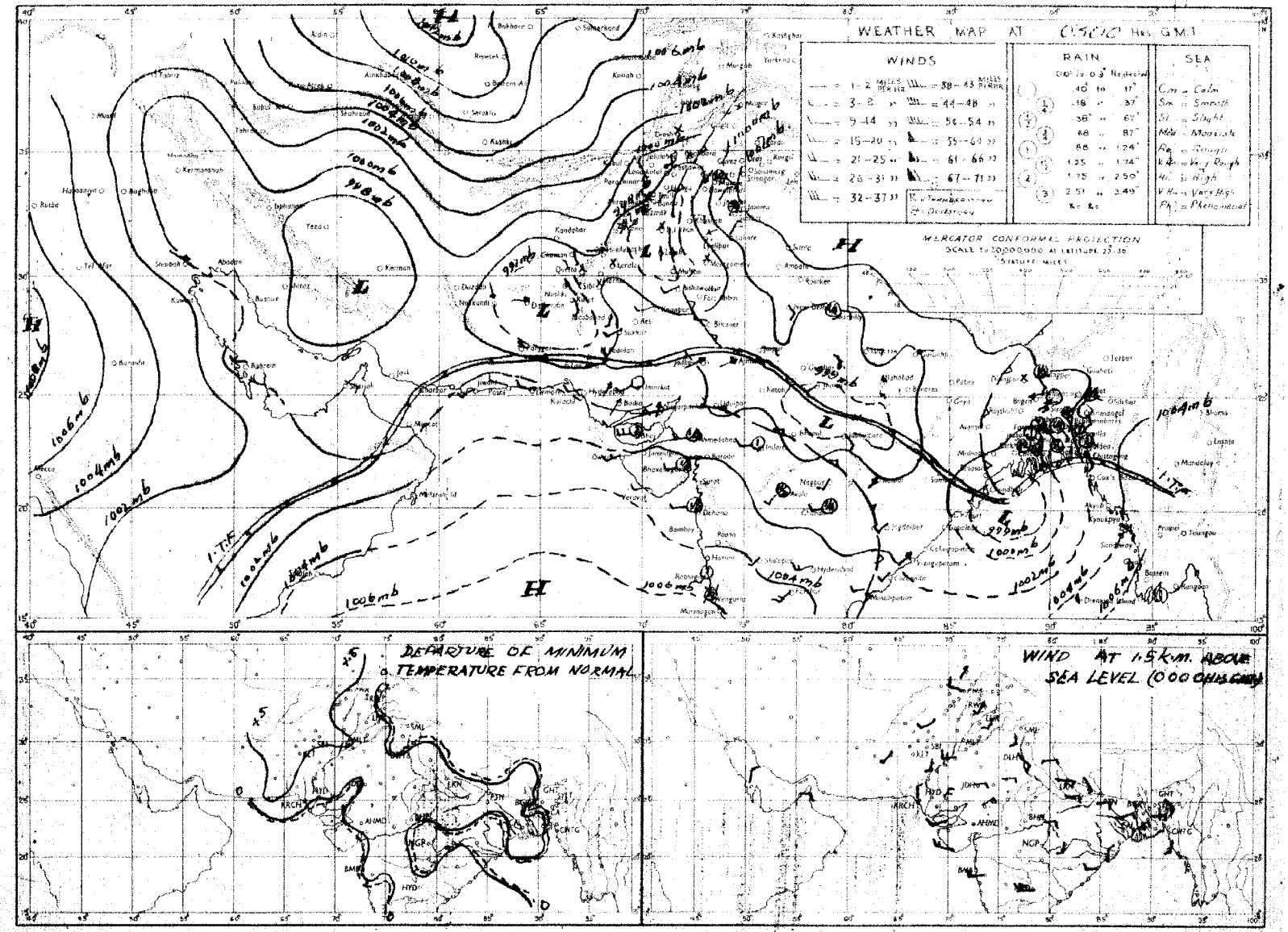
PAKISTAN DAILY WEATHER MAP

SUNDAY, 30th AUGUST, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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Volume No. 13

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 31st AUGUST, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

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WEATHER BUREAU

The low in northwest Bay of Bengal persists. In its association fairly widespread rain/thundershowers have occurred in Dacca division and local in Chittagong and Rajshahi divisions.

The low over Madhya Pradesh has merged in the seasonal low.

The low pressure wave over east Kashmir moved away eastwards.

A fresh low pressure wave is now moving across Peshawar division.

Rain/thundershowers have been widespread in Rawalpindi division, local in Lahore and Peshawar divisions. Local dust storms have been occurred in D. I. Khan division.

Chief amounts of rainfall are: Rawalpindi and Haripur 2" each; Kakul 1½"; Murree 1"; Barisal 3/4"; Dinajpur, Rangpur, Jhelum and Peshawar ½" each and Mymensingh, Faridpur, Satkhira and Lahore ¼" each.

Day temperatures were 6—9°F below no mal in Lahore and Rawalpindi divisions and 3—6°F above normal in upper Rajshahi, upper Peshawar, Quetta, Kalat, Hyderabad divisions and the Federal Capital Area.

Forecast valid until the evening of 1st September 1959 Fairly widespread rain/thundershowers will occur in Peshawar, Rawalpindi, Lahore divisions, Kashmir and East Pakistan and scattered in D. I. Khan, Multan, Quetta and Hyderabad divisions.

Karachi-11
The 31st August, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	005	0	7	16	03	96	02	6	992	80	6	5	6	1	0	76	84
	Chittagong	000	3	7	13	09	97	02	6	002	82	5	3	5	2	0	77	88
	Maijdee Court	000	0	4	13	09	97	03	0	986	84	2	2	7	2	0	76	87
	Comilla	000	0	3	00	00	96	03	0	984	86	3	4	7	0	0	77	91
	Brahmanbaria	000	0	6	00	00	97	03	1	983	88	3	4	5	2	0	80	92
	Sylhet	003	0	2	00	00	97	01	2	975	92	2	3	6	0	0	80	93
	Srimangal	000	4	4	00	00	97	17	9	984	83	3	3	4	2	0	78	93
Dacca	Mymensingh	000	0	6	00	01	99	01	1	982	89	2	2	5	0	4	79	92
	Narayanganj	000	0	7	13	05	96	03	1	977	88	1	1	5	0	8	77	90
	Dacca (Tezgaon)	000	9	7	13	07	98	03	1	976	86	6	3	6	0	1	79	89
	Faridpur	000	0	3	16	05	96	01	1	975	87	3	4	7	0	0	79	89
	Barisal	025	4	6	00	00	96	03	6	976	84	6	0	9	4	0	78	xx
Rajshahi	Khulna	000	0	4	09	03	97	01	1	975	84	4	5	7	0	0	78	87
	Satkhira	000	0	8	00	00	95	03	2	977	84	x	x	x	x	x	79	88
	Jessore	000	0	4	13	02	97	02	5	973	83	2	4	6	6	0	80	88
	Sirajganj	000	0	3	00	00	98	03	1	975	88	3	1	7	0	0	78	93
	Bogra	000	0	6	18	03	96	02	1	974	89	4	5	5	0	1	80	91
	Dinajpur	000	8	4	00	00	96	01	1	972	91	4	0	9	2	0	81	95
	Rangpur	003	0	5	13	02	96	01	2	xxx	93	2	5	6	2	0	79	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	029	8	6	05	03	96	30	6	977	85	2	0	9	4	6	70	88
	Sialkot	009	8	5	03	00	93	01	6	978	84	5	4	6	0	0	78	85
Rawalpindi	Jhelum	065	7	5	13	03	97	02	9	977	86	2	0	9	1	5	74	87
	Rawalpindi	000	0	6	11	02	99	01	2	971	87	4	0	9	7	3	74	89
	Khushab	000	0	0	00	00	99	00	0	959	90	0	0	9	0	0	75	92
Multan	Lyallpur	000	0	5	05	03	96	02	0	968	90	0	0	9	0	4	76	91
	Montgomery	000	0	0	00	00	96	00	0	961	97	0	0	9	0	0	77	99
	Multan	000	0	1	23	05	97	02	0	954	03	1	1	6	0	1	74	xx
Bahawalpur	Leiah	000	0	3	00	00	98	01	1	933	98	1	1	8	3	0	72	02
	Khanpur	000	0	0	27	05	96	02	0	940	03	0	0	9	0	0	80	04
	Bahawalpur	000	0	4	31	02	97	03	0	950	04	0	0	9	0	3	77	05
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Peshawar	Chakdara	000	0	1	00	00	99	10	5	980	85	1	1	7	0	0	77	89
	Peshawar	059	4	6	00	00	98	02	9	977	79	1	3	6	7	1	72	97
	Haripur	000	6	6	09	02	96	03	1	959	93	6	5	6	0	0	78	99
	Campbellpur	000	0	5	09	05	97	02	1	981	92	5	1	8	0	0	83	94
D. I. Khan	Bannu	000	0	8	11	03	96	03	3	944	94	8	3	6	x	x	71	98
	D. I. Khan	000	6	0	13	04	98	00	3	939	98	0	0	9	0	0	81	04
Quetta	Sibi	000	0	0	13	02	99	00	0	940	07	0	0	9	0	0	69	08
Kalat	Nokkundi	000	0	0	34	02	96	02	0	926	05	0	0	9	0	0	29	08
	Turbat	000	0	0	23	02	96	00	0	963	02	0	0	9	0	0	90	04
	Jiwani	000	0	3	23	09	97	01	1	978	85	3	5	5	0	0	74	86
	Pasni	000	0	0	23	21	97	00	0	971	87	0	0	9	0	0	84	91
	Ormara	000	0	2	27	09	98	01	1	970	89	2	2	8	0	0	78	93
	Las Bela	000	0	0	00	00	98	00	0	950	96	0	0	9	0	0	79	01
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	6	25	12	97	03	2	981	86	5	0	9	4	1	79	88
	Karachi (Air Port)	000	0	7	27	12	97	03	1	980	87	4	5	6	3	1	76	88
	Badin	000	0	0	23	02	97	00	0	984	93	0	0	9	0	0	77	96
	Nagarparker	000	0	4	00	00	96	03	0	972	91	4	4	7	0	0	69	93
	Umarkot	000	0	7	23	05	98	02	0	964	93	3	1	6	1	0	77	95
	Hyderabad	000	0	5	18	07	97	03	1	963	93	1	5	6	0	1	75	99
Khairpur	Pad-i-dan	000	0	2	18	10	98	02	0	949	01	0	0	9	0	1	69	02
	Nawabshah	000	0	4	18	05	97	02	1	961	98	0	0	9	0	2	77	99
	Sukkur	000	8	4	27	02	96	03	1	939	03	0	0	9	0	3	80	04
	Kashmore	000	0	0	18	03	99	00	0	943	01	0	0	9	0	0	81	03
	Jacobabad	000	0	0	13	07	96	02	0	942	03	0	0	9	0	0	73	04
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	108	7	6	20	05	97	02	9	429	66	4	5	5	8	0	65	67
Peshawar	Drosh	000	0	4	23	12	97	03	0	375	90	4	8	7	0	0	59	00
	Cherat	011	2	7	13	05	98	03	6	412	73	7	6	6	0	0	61	xx
	Kakul	068	8	4	31	03	97	01	9	424	78	2	4	7	6	1	67	80
	Landi Kotal	000	6	7	05	03	98	01	6	402	82	1	1	7	6	0	68	92
D.I. Khan	Parachinar	000	0	3	13	02	99	02	0	798	82	3	0	9	1	0	65	xx
	Miranshah	000	0	6	05	05	59	03	1	398	88	6	3	7	0	0	67	97
	Wana	000	2	7	05	05	99	50	2	403	82	7	5	6	0	0	66	92
	Fort Sandeman	000	0	5	00	00	99	03	0	398	95	5	2	6	0	0	62	00
Quetta	Hindubagh	000	0	0	29	05	96	10	0	365	97	0	0	9	0	0	56	97
	Loralai	000	0	3	13	09	58	03	0	493	86	1	5	6	0	1	62	89
	Harnai	000	1	2	09	02	98	02	0	xxx	xx	0	0	9	0	7	xx	xx
	Quetta	000	0	4	00	00	97	02	0	367	95	4	0	7	8	0	70	96
	Chaman	000	0	0	27	02	98	02	0	398	98	0	0	9	0	0	33	00
Kalat	Kalat	000	0	7	23	12	97	01	2	401	81	7	4	7	0	0	47	93
	Nushki	000	0	0	31	05	98	02	0	469	03	0	0	9	0	0	55	06
	Dalbandin	000	0	0	10	03	96	02	0	400	07	0	0	9	0	0	37	09
	Panjgur	000	0	9	31	02	98	00	0	443	00	0	9	9	0	0	58	01
Afghanistan	Kabul	000	0	0	36	03	97	00	0	463	83	0	0	9	0	0	62	90
	Kandahar																	

At 0300 Hrs. G.M.T. of date

STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	016	9	5	16	05	96	01	6	026	81	1	5	6	6	3	77	75
Chittagong	000	8	2	16	09	97	01	1	027	85	2	2	6	0	0	76	77
Maijdee Court	010	9	6	18	09	97	03	6	026	84	2	2	6	2	0	77	xx
Comilla	000	0	4	18	06	97	03	0	014	81	4	4	6	0	0	78	78
Brahmanbaria	000	0	3	18	05	97	03	0	031	85	3	5	5	0	0	74	80
Sylhet	000	9	3	00	00	97	02	9	029	88	2	3	6	6	0	79	80
Srimangal	000	9	5	00	00	97	03	9	036	86	4	4	6	3	0	77	78
Mymensingh	027	7	4	13	05	98	02	9	029	85	4	2	5	0	0	78	78
Narayanganj	000	9	6	09	05	97	03	1	022	87	4	4	4	3	0	78	81
Dacca (Tezgaon)	000	9	7	13	05	97	01	2	020	84	7	8	4	0	0	77	81
Faridpur	021	9	8	16	02	96	50	6	028	82	3	7	6	0	0	79	77
Barisal	077	9	2	00	00	97	62	6	015	80	2	0	8	4	0	77	79
Khulna	000	0	6	09	03	97	01	1	013	86	6	4	7	0	0	79	77
Satkhira	015	0	6	00	00	96	03	6	008	87	6	6	8	0	0	79	78
Jessore	020	0	4	13	03	97	01	6	009	83	4	8	6	0	0	79	77
Sirajganj	000	0	6	13	05	98	01	2	021	87	6	2	5	0	0	77	81
Bogra	003	6	7	09	05	96	02	6	016	87	3	4	4	2	2	79	81
Dinajpur	042	3	4	[illegible]	[illegible]	96	02	6	016	89	4	0	9	2	0	78	77
Rangpur	062	0	6	13	02	96	01	6	xxx	84	2	5	6	2	1	78	77
Jammu																	
Lahore (Jail Rd)	029	9	3	00	00	96	01	3	019	85	1	0	9	3	2	79	79
Sialkot	009	0	0	00	00	98	0	0	020	81	0	0	9	0	0	75	74
Jhelum	065	2	6	05	02	97	01	9	016	80	6	0	9	7	0	75	73
Rawalpindi	250	7	6	34	02	99	01	9	023	75	2	3	7	7	9	74	72
Khushab	005	0	7	09	02	96	03	6	021	79	7	3	6	0	0	74	74
Lyallpur	000	0	5	05	02	96	02	0	010	81	0	0	9	0	4	77	78
Montgomery	000	0	0	00	00	96	00	0	022	84	0	0	9	0	0	72	80
Multan	000	0	4	05	03	97	02	1	002	88	2	0	9	3	1	80	86
Leiah	000	0	4	07	04	96	08	2	013	85	4	0	8	2	0	80	81
Khanpur	000	0	0	25	05	96	00	0	999	90	0	0	9	0	0	81	85
Bahawalpur	000	0	7	00	00	97	03	0	001	89	0	0	9	0	5	79	85
Fort Abbas	000	0	0	13	03	98	00	0	007	84	0	0	9	0	0	78	76
Chakdara	000	0	8	00	00	96	03	1	037	75	8	6	7	x	x	71	74
Peshawar	062	0	7	36	05	97	01	9	034	79	7	6	4	0	0	76	78
Haripur	190	7	8	02	02	96	01	6	008	75	7	6	6	7	x	74	xx
Campbellpur	000	0	5	05	05	97	02	1	043	89	5	1	8	0	0	80	80
Bannu	000	0	8	11	02	97	03	5	025	80	8	5	6	x	x	74	80
D. I. Khan	000	2	5	00	00	98	02	1	021	82	5	0	9	5	0	75	77
Sibi	000	2	6	13	02	98	03	1	996	89	3	8	5	3	0	75	84
Nokkundi	000	0	0	13	02	97	02	0	986	84	0	0	9	0	0	35	82
Turbat	000	0	6	31	02	95	03	0	060	83	6	0	9	6	0	74	xx
Jiwani	000	3	8	00	00	96	50	2	017	80	4	5	5	4	x	76	80
Pasni	000	0	8	17	02	97	02	2	017	82	8	5	7	x	x	82	80
Ormara	000	0	8	27	03	97	03	2	016	80	8	4	4	x	x	77	79
Las Bela	000	0	4	00	00	98	30	3	987	85	2	0	8	8	8	76	83
Karachi (Manora)	000	0	4	25	10	97	02	1	007	82	3	0	9	4	1	76	79
Karachi (Air Port)	000	0	5	29	09	96	01	2	014	83	5	5	5	0	0	78	81
Badin	000	2	6	23	02	95	03	1	010	82	6	6	7	0	0	78	80
Nagarparker	000	0	8	00	00	96	03	2	019	86	8	7	7	x	x	72	79
Umarkot	000	0	4	18	05	98	02	1	008	82	4	0	9	4	0	79	79
Hyderabad	000	0	4	23	05	97	01	2	003	84	2	0	9	2	1	75	81
Pad-i-dan	000	0	1	16	05	97	01	0	999	84	0	0	9	0	1	76	81
Nawabshah	000	0	2	18	05	96	01	0	004	85	1	1	7	3	0	76	80
Sukkur	000	9	4	00	00	96	02	1	999	88	0	0	9	0	3	77	84
Kashmore	000	0	0	00	00	99	03	0	999	90	0	0	9	0	0	76	85
Jacobabad	000	0	0	13	02	96	02	0	001	89	0	0	9	0	0	79	85
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	123	2	7	05	02	98	02	6	465	04	5	4	4	5	0	57	58
Drosh	000	7	5	23	03	97	01	2	449	82	5	8	6	0	0	63	77
Cherat	011	0	8	18	03	98	02	4	456	68	6	6	6	1	x	67	68
Kakul	135	3	8	31	05	96	01	6	458	70	6	7	4	6	x	69	67
Landi Kotal	000	0	6	05	03	98	03	1	445	74	6	6	5	0	0	69	xx
Parachinar	005	0	3	00	10	99	02	5	797	69	3	0	9	1	0	61	xx
Miranshah	000	0	8	00	00	98	03	2	448	78	8	3	7	x	x	72	76
Wana	...	...	...	...							...	...	...	...		...	
Fort Sandeman	000	0	2	05	03	96	01	0	460	79	2	0	9	4	0	70	75
Hindubagh	000	2	3	23	01	96	03	0	407	70	2	0	9	4	4	59	69
Loralai	000	0	7	09	03	98	02	2	426	76	7	0	8	8	0	65	72
Harnai	000	3	3	09	01	98	02	0	xxx	xx	3	5	7	0	0	xx	xx
Quetta	000	0	0	18	02	96	00	0	431	75	0	0	9	0	0	66	69
Chaman	000	0	0	09	02	98	02	0	426	79	0	0	9	0	0	44	74
Kalat	000	0	0	16	08	97	02	0	433	72	0	0	9	0	0	60	62
Nushki	000	0	0	36	05	98	02	0	488	87	0	0	9	0	0	57	75
Dalbandin	000	2	1	36	02	94	05	0	419	80	0	0	9	0	1	37	75
Panjgur	000	0	2	00	00	98	03	1	440	77	2	0	9	2	0	70	74
Kabul	000	0	0	00	00	99	00	0	506	66	0	0	9	0	0	55	57
Kandahar																	

Departure from Normal of / Rainfall

STATIONS (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	− 2	− 1	99.7	+ 5.3	115.6	140
Chittagong	+ 2	+ 1	85.7	+15.7	113.6	108
Maijdee Court	+ 2	−	78.8	+10.4	110.7	115
Comilla	+ 3	+ 1	52.6	+ 0.7	78.4	94
Brahmanbaria	−	−	35.9	− 2.7	61.9	76
Sylhet	−	−	109.1	−	147.1	—
Srimangal	+ 3	+ 2	55.7	+ 8.6	88.7	98
Mymensingh	+ 4	0	62.6	+13.5	84.7	91
Narayanganj	+ 2	+ 2	43.2	+ 4.6	63.5	74
Dacca (Tezgaon)	−	−	43.5	−	59.3	—
Faridpur	+ 2	− 1	40.5	+ 2.8	68.9	71
Barisal	−	+ 1	64.5	− 7.2	79.4	81
Khulna	− 1	− 1	45.9	+ 5.2	66.7	68
Satkhira	− 1	− 0	35.8	− 1.8	54.0	65
Jessore	−	−	35.9	+ 0.5	71.8	65
Sirajganj	+ 3	+ 2	47.8	+12.4	72.6	84
Bogra	+ 3	+ 3	47.3	+ 8.3	66.3	69
Dinajpur	+ 6	1	28.7	−14.1	46.1	72
Rangpur	+ 1	0	45.8	− 3.7	65.7	84
Jammu						—
Lahore (Jail Rd)	− 9	+ 2	16.2	+ 6.0	23.9	19
Sialkot	− 9	− 3	38.9	+18.9	45.0	32
Jhelum	−	−	32.3	−	42.5	—
Rawalpindi	− 4	− 2	28.4	+ 8.8	41.4	36
Khushab	− 7	− 7	12.8	+ 3.9	18.2	15
Lyallpur	− 6	− 1	10.6	+ 2.9	13.3	12
Montgomery	− 1	0	3.9	− 2.2	6.3	10
Multan	−	+ 4	4.9	+ 0.5	7.0	7
Leiah	−	−	3.9	−	5.8	8
Khanpur	+ 1	+ 6	0.3	− 4.3	1.2	6
Bahawalpur	+ 4	+ 6	5.4	+ 0.9	6.5	6
Fort Abbas	−	−	3.3	−	3.7	4
Chakdara	−	−	5.8	−	21.3	—
Peshawar	0	+ 1	6.4	+ 2.8	19.3	14
Haripur	−	−	14.3	−	25.2	—
Campbellpur	−	−	16.0	−	29.9	—
Bannu	−	−	10.0	−	16.9	11
D. I. Khan	+ 4	+ 3	9.8	+ 5.0	13.5	10
Sibi	−	−	3.1	−	3.4	5
Nokkundi	−	−	0	−	1.1	2
Turbat	−	−	2.3	−	6.7	—
Jiwani	−	−	0.1	−	5.7	4
Pasni	+ 3	+ 5	0.1	− 0.8	2.7	6
Ormara	−	−	0.2	− 0.6	2.1	6
Las Bela	−	−	4.5	−	4.7	8
Karachi (Manora)	+ 3	+ 1	6.5	+ 1.1	4.5	8
Karachi (Air Port)	−	−	11.3	−	11.4	—
Badin	+ 3	+ 2	4.7	− 1.6	4.7	9
Nagarparker	−	−	10.1	−	10.1	—
Umarkot	−	−	12.2	−	13.0	—
Hyderabad	+ 3	+ 3	6.9	+ 1.5	7.7	7
Pad-i-dan	−	−	5.2	−	5.4	—
Nawabshah	−	−	4.1	−	4.8	—
Sukkur	−	−	2.1	−	3.1	4
Kashmore	−	−	0	−	0.1	—
Jacobabad	+ 1	+ 4	3.7	+ 1.6	4.4	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
HILL STATIONS						
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						36
Leh						3
Skardu						6
Misgar						—
Aliabad						—
Gilgit						5
Murree	− 3	+ 1	38.7	+ 8.5	63.9	59
Drosh	+ 7	+ 7	1.3	−	30.4	18
Cherat	−	− 1	14.1	+ 4.2	24.0	29
Kakul	−	−	37.9	−	47.6	—
Landi Kotal	−	−	2.5	−	17.5	—
Parachinar	−	−	12.2	−	36.2	29
Miranshah	−	−	2.7	−	5.7	13
Wana	−					—
Fort Sandeman	+ 5	+ 4	5.9	+ 2.2	14.6	11
Hindubagh	−	−	3.9	−	12.0	—
Loralai	−	−	6.8	..	12.6	—
Harnai	−	−	4.9	− 4.8	11.2	14
Quetta	−	−	4.4	+ 3.5	10.0	8
Chaman	+ 5	+ 6	0.1	3	6.3	7
Kalat	+ 9	+ 8	4.0	+ 2.9	8.4	9
Nushki	−	−	0.9	−	2.8	—
Dalbandin	+ 4	+ 6	0.2	− 0.1	2.2	5
Panjgur	+ 1	+ 3	1.5	−	3.1	4
Kabul	−	−	—	−	—	12
Kandahar						—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day.

Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 31st AUGUST, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L$_a$L$_a$L$_a$	L$_o$L$_o$L$_o$ GG	N dd ff	VV ww W	PPP TT	N$_h$C$_L$hC$_M$C$_H$	D$_s$V$_s$ a PP	8 N$_s$ Ch$_s$h$_s$	O T$_s$T$_s$T$_d$T$_d$	Id$_w$d$_w$PH$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cilicia	13 197	572 00	3 23 04	98 02 0	988 98	32 7 00	55 70 8	...	0 00 69	1 23 45
Aveios	13 211	594 00	3 00 00	98 02 0	953 77	32 5 00	44 50 8	...	0 53 75	1 19 x2
Fogo	13 231	593 00	0 13 12	98 00 0	978 77	00 9 00	76 71 3	...	0 58 75	1 00 00
City of Manchester	13 227	641 00	8 21 09	98 50 2	016 80	86 4 xx	15 30 4	...	0 53 78	1 21 42
Fogo	13 234	583 06	2 00 00	98 03 0	994 84	21 8 00	76 90 6	...	0 08 64	1 00 00
Barengton	13 194	660 06	6 22 13	98 02 1	041 81	68 3 00	33 21 0	...	0 01 73	1 21 33
City of Manchester	13 236	654 06	7 26 08	98 01 8	927 84	62 5 49	18 20 6	...	0 01 83	1 24 32
Teva	13 194	670 06	6 25 12	97 80 8	040 81	63 4 00	33 40 0	...	0 03 75	1 24 34
Mozaffari	13 164	609 06	8 23 24	98 12 3	063 81	82 6 xx	63 10 6	...	0 00 73	1 23 45
Iphigenia	13 231	592 06	2 13 04	99 02 0	025 84	22 5 60	35 21 0	...	0 53 73	1 13 x0
Bethsabe	13 263	561 06	1 05 03	98 02 0	006 91	12 6 00	25 21 2	...	0 06 84	1 00 x0
Avelna	13 201	589 06	8 18 12	96 03 2	976 75	86 4 xx	54 01 0	...	0 01 75	1 18 x3
Taihomaru	13 224	603 06	6 00 00	98 02 1	012 84	11 3 34	35 31 0	...	0 53 75	
Makaria	13 157	540 12	4 23 25	97 01 1	020 75	47 4 00	55 72 0	...	0 51 72	1 23 23
Bethsabe	13 256	572 12	3 17 06	98 03 0	976 88	34 5 00	35 71 0	...	0 01 81	1 17 x0
Isocardia	13 263	554 12	0 24 03	98 02 0	040 93	00 9 00	25 72 3	...	0 00 84	1 00 x0
Caltex Rotterdam	13 262	557 12	8 07 02	98 03 1	971 95	12 4 07	...	...	0 50 81	1 07 20
Iphigenia	13 219	598 12	7 12 06	97 60 6	004 99	49 4 60	55 70 8	...	0 83 90	1 12 x1
Abegimaru	13 115	610 12	6 22 17	97 03 1	055 82	48 4 60	26 71 5	...	0 05 75	...
Bethsabe	13 251	577 15	3 15 07	98 02 0	968 86	24 6 44	35 60 8	...	0 54 82	1 15 x0
Bethsaba	13 244	582 18	0 13 02	98 02 0	977 84	00 9 00	35 18 9	...	0 02 82	1 13.22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			At surface and Standard Isobaric Levels HHHTTT T$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	999 285 252	...	...	400 192 145	...	070 102 065	340 035 532	796 545 999	420 645 999	965 792	232 000	415 102	660 202
Jiwani														
Karachi	00 00	997 278 252	...	..	400 250 999	..	115 198 999	420 118 999	919 045 999	708 535 999	993 665	...	...	...
Lahore	00 00		Misda	...	...	...	...	...	...	...	...	...	...	...
Multan														
Peshawar	00 00	960 265 262	...	...	390 202 202	...	065 102 102	235 028 012	694 560 590	430 608 999	...	...	...	...
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT T$_d$T$_d$T$_d$									Max. Height Reached PPPTTT T$_d$T$_d$T$_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	912 205 172	900 205 172	876 208 155	800 155 102	554 002 565	520 532 638	...	...	...	520 532 638	...	...
Jiwani													
Karachi	00 00	..		...	...	...	...	...	...	...	300 665 999	...	...
Lahore	00 00	..	Misda	..	...	...	...	...	...	...		...	...
Multan													
Peshawar	00 00	940 238 238	900 230 230	800 172 172	490 572 648	442 572 999	358 675 999				358 675 999		
Quetta													

PPP—Pressure in hundreds tens and units of millibars.
TTT, TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of oC.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	At 1200 hrs G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 0600 hrs. G.M.T. † of date (dd ff)										
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	12 14	11 11	10 12	12 18	...	...	...	...	...	10 12	11 15	11 17	11 25	10 21	10 21	12 18	11 10		...	...	...	...	...	...	...	...
Chaklala	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...		...	...	...		...	...	...	...	...
Chhor	21 12	21 13	20 12	17 06	28 08	24 08	...	...	...	25 14	26 23	22 09			...				...	...	...	...	...	...	...	...
Chittagong	18 18	17 18	16 25	15 33	15 31	...	...	...	...	14 18	14 37	14 45	14 33	14 25	...	14 10	15 12	15 14	...	...	...	...	...	...	...	...
Cox's Bazar	16 22	16 23	17 21	17 17	17 25	...	...	...	...	15 25	15 29	...	...	...	...	15 13	14 19	14 27			...		...		...	
Dacca	14 09	13 14	12 18	12 26	12 23	12 22	12 26	13 30	12 28	12 14	12 12	14 15	...	...	...	15 12	12 11	13 17	12 24	12 27	12 23	12 27	11 19	11 13	11 29	07 21
Dalbandin	...	...	27 01	27 11	26 07	28 07	03 09	36 13	35 04	...	...	34 05	08 06	20 11	21 09	...	...	12 02	11 06	10 03	30 14	...	...	...	...	...
D. I. Khan	...	...	...		...		...		...	...	...	...	...	...			...		...	...			...	...	...	...
Drosh	...	...	...		22 12	22 10	25 08	25 08	...	...	...	...	22 01	22 02	24 01	...	...	...	...	27 03	18 01	19 10	20 09	16 06	28 07	...
Fort Sandeman	...			19 07	21 05	29 07	33 16	...	...	...	...	...	10 01	21 04	21 11		...		02 03	19 05	19 04	22 03	31 21	...		
Jacobabad	19 08	16 06	18 10	21 03	07 06	02 09	34 10	35 13	05 07	21 17	20 15	20 11	17 07	09 06	09 02	18 04	09 09	11 09	15 08	20 01	04 05	05 09	07 09	05 08	18 07	10 05
Jessore	09 15	10 19	11 26	11 22	12 20	...	...	...	...	12 13	12 14	12 13	...	...		09 18	10 18	11 15	12 27						...	...
Jhelum	12 04	11 07	12 05	31 04	33 08	32 14	32 07	33 09	...	01 15	05 12	09 03	11 10	09 09	24 07	30 02	11 05	12 05	08 02	34 05	31 09	32 12	31 13	31 15	...	...
Jiwani	20 10	20 08	25 06	03 05	04 10	04 24	06 23	25 19	06 15	19 03	...	...	...	...		14 06	12 06	...	...	...	...		...	...	...	...
Karachi	25 15	25 15	26 09	...	...	...	...		...	26 15	26 11	28 06	...	...		27 08	23 08									
Khanpur	25 10	22 12	22 13	23 13	23 08	08 02	03 22	04 15	04 15	22 19	24 24	24 34	25 29	29 24	30 33	27 11	26 09	26 05	15 03	16 04	32 05	05 09	32 05	04 21	09 07	07 15
Lahore	07 08	06 12	05 11	35 09	34 10	34 13	34 17	35 07	35 09	01 04	28 03	30 02	01 04	32 06	35 04	04 05	09 04	12 03	06 03	34 08	34 11	31 09	35 04	04 03	05 07	29 07
Multan	20 08	20 12	20 12	20 09	20 05	15 04	36 11	36 14	34 25	17 12	22 13	22 05	18 03	04 05	06 04	04 04	06 04	09 05	12 07	18 02	06 05	02 09	36 10	36 15	07 06	05 09
Murree	...	...	...	...	...	...	...		...	...	...		...	...	...	...		...	...		...	...	...		...	...
Panjgur	...	...		...	...	...	...	...	...	...	...			...	...		...	...				...			...	...
Peshawar	...	...		...	...	...	...	...	...	...	...	...	...	...		...	...	...	...							
Quetta	...	...	...	...	21 01	28 07	28 10	28 01	05 05	...	...	...	...	18 05	26 04	...	...	...	...	19 06	28 03	15 05	11 04	05 09	05 13	11 03
Sharjah	...									...	...	...	...			...	...	...	...				...		...	...
Sylhet	13 02	13 05	11 04	11 23	11 19	10 17	10 19	11 22	...	12 02	14 05	15 06	09 10	08 12	13 16	08 03	09 05	10 10	12 18	10 19	12 14		...			...
Veraval	...	...	...	...		...	...	...	...	...	...	...	...		...	...	...		...	...	...	...	...			

* The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	13 13	13 13	12 06	11 13	12 16	11 18	10 16	11 19	10 13	10 15	10 17	09 24	04 33	06 23	09 20	10 20	...	...
Karachi	16 12	26 12	29 09	29 09	06 12	09 19	05 38	07 12	07 12	06 16		...		...		...	...	...
Peshawar		09 05	11 04	12 07	23 07	29 09	32 21	30 22	31 23		...	...		...	...		...	...
Quetta																		

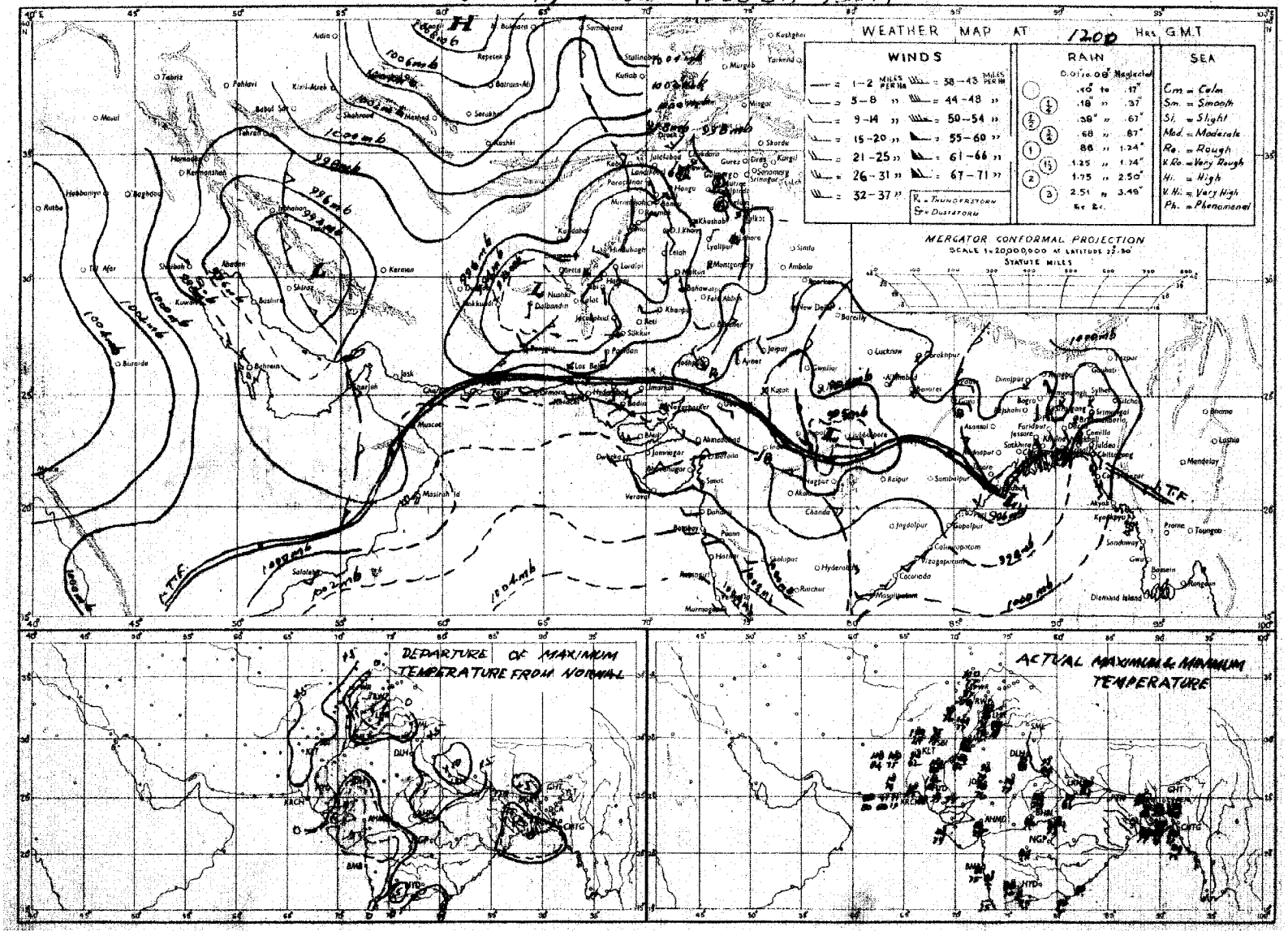
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii 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—14.

PAKISTAN DAILY WEATHER MAP

SUNDAY, 30th AUGUST, 1959



Rainfall amounts indicated in the above chart refer to past 9 hours.

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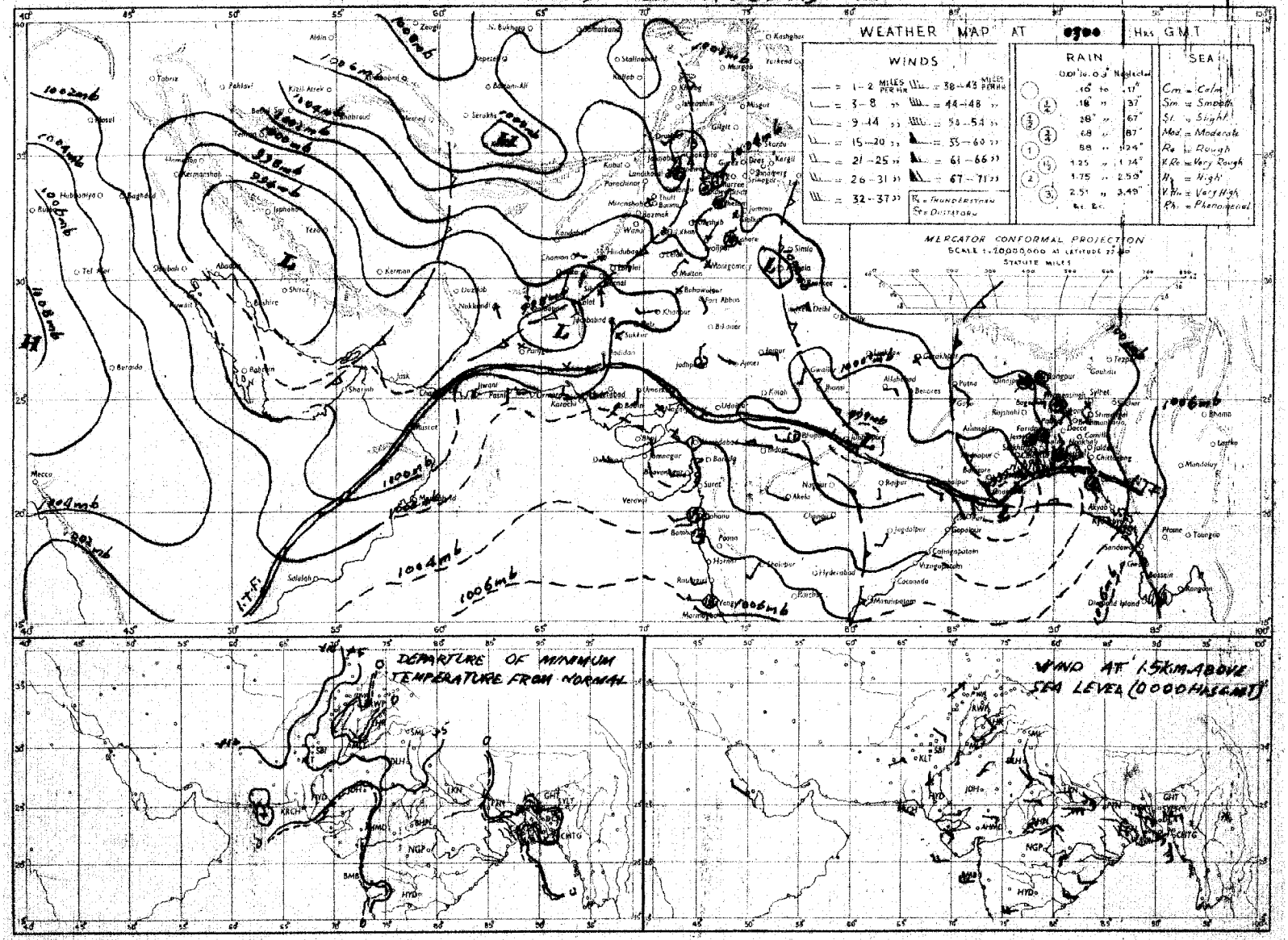
PAKISTAN DAILY WEATHER MAP

MONDAY, 31st AUGUST, 1959



Rainfall amounts indicated in the above chart refer to past 24 hours.

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Volume No. 13

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 1st SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low in northwest Bay of Bengal moved inland and merged into the seasonal monsoon trough which extends from Madhya Bharat to Orissa coast. Local rain/thundershowers have occurred in East Pakistan.

Yesterday's low pressure wave is now moving across Rawalpindi division and Kashmir.

Fairly widespread rain/thundershowers have occurred in Hyderabad division, local dust/thunderstorms in Quetta division scattered in D. I. Khan and Peshawar divisions.

Chief amounts of rainfall are: Barisal 1½"; Khulna, Hyderabad, Mithi ½" each and Sylhet ½".

Day temperatures were 3—4°F above normal in upper Rajshahi, Quetta, Kalat, Hyderabad divisions and the Federal Capital Area.

Forecast valid until the evening of 2nd September, 1959. Local rain/thundershowers will occur in East Pakistan and scattered in Peshawar, Rawalpindi, D. I. Khan, Lahore divisions and Kashmir.

Karachi-11
The 1st September, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at† Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility† VV (8)	Present weather† ww (9)	Past weather† W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form† CL (14)	Height of Lowest Cloud† h (15)	Medium Cloud form† CM (16)	High Cloud form† CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	010	6	5	16	03	96	02	6	997	81	3	5	6	5	2	77	85
	Chittagong	012	5	4	18	09	97	01	6	003	83	3	2	6	1	0	76	88
	Halidee Court	005	9	5	13	13	96	20	2	993	82	3	5	7	6	0	78	88
	Comilla	000	0	6	00	00	96	03	0	990	86	6	4	5	0	0	79	91
	Brahmanbaria	000	0	5	00	03	97	03	1	988	89	3	4	5	0	9	79	92
	Sylhet	000	0	4	27	05	97	01	1	980	89	1	1	6	7	1	81	94
	Srimangal	000	4	4	00	00	97	03	9	986	87	3	3	5	0	2	81	93
Dacca	Mymensingh	000	0	4	13	02	99	02	1	992	90	2	2	4	0	4	76	93
	Narayanganj	000	9	4	09	03	96	01	2	990	87	2	1	6	0	8	78	90
	Dacca (Tezgaon)	000	9	5	13	05	98	03	1	977	86	3	3	5	4	1	77	89
	Faridpur	000	6	3	11	05	96	01	1	999	87	2	4	7	0	0	80	88
	Barisal	020	4	8	18	01	97	03	6	986	80	8	0	7	6	x	79	87
Rajshahi	Khulna	054	1	7	13	05	97	01	6	986	80	7	5	7	0	0	79	89
	Satkhira	011	0	6	00	00	95	03	6	979	83	6	6	8	9	0	79	89
	Jessore	001	5	6	18	02	96	02	6	005	85	4	4	5	6	0	81	89
	Sirajganj	000	0	1	00	00	98	03	0	991	86	1	1	4	0	0	79	90
	Bogra	004	1	5	13	03	97	01	6	983	87	4	4	6	0	1	79	91
	Dinajpur	000	8	2	00	00	96	01	1	978	89	0	0	9	0	1	79	93
	Rangpur	082	1	6	20	02	96	21	1	xxx	87	4	5	6	1	1	82	51
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	0	3	00	00	96	02	0	970	94	1	1	7	0	4	79	97
	Sialkot	000	0	1	00	00	98	02	0	962	93	0	0	9	0	3	77	95
Rawalpindi	Jhelum	000	0	2	00	00	98	03	0	968	93	1	1	7	0	1	77	96
	Rawalpindi	000	0	1	00	00	99	02	0	962	92	1	1	7	0	0	77	93
	Khushab	000	0	0	00	00	99	00	0	986	95	0	0	9	0	0	76	97
Multan	Lyallpur	000	0	4	29	02	96	01	0	968	96	0	0	9	0	3	75	97
	Montgomery	000	0	0	00	00	96	00	0	972	99	0	0	9	0	0	78	01
	Multan	000	0	3	09	03	97	01	1	965	01	2	1	6	0	1	81	03
Bahawalpur	Leiah	000	0	2	00	00	95	03	0	983	00	2	0	8	6	0	74	06
	Khanpur	000	0	3	34	07	95	05	0	962	99	3	0	9	3	0	84	05
	Bahawalpur	000	0	4	00	00	97	03	0	985	01	4	0	8	1	0	77	03
	Fort Abbas	000	0	2	07	05	98	01	1	951	99	2	0	9	1	0	78	04
Peshawar	Chakdara	000	0	1	27	02	99	01	1	981	91	1	1	7	0	0	76	92
	Peshawar	000	0	1	05	07	98	02	1	978	91	1	1	6	0	0	77	93
	Haripur	000	4	2	23	02	97	02	0	996	99	2	0	6	9	0	84	00
	Campbellpur	000	0	0	13	02	98	02	1	989	93	0	0	9	0	0	79	94
D. I. Khan	Bannu	000	0	2	13	01	99	02	0	961	93	2	1	6	0	0	73	99
	D. I. Khan	000	4	2	05	02	98	03	0	966	95	0	0	9	0	2	80	99
Quetta	Sibi	000	9	5	23	02	98	03	1	·31	05	5	2	5	0	0	72	06
Kalat	Nokkundi	000	0	0	34	02	98	02	0	921	06	0	0	9	0	0	64	08
	Turbat	000	0	0	36	02	96	00	0	961	03	0	0	9	0	0	90	04
	Jiwani	000	0	3	18	09	97	01	2	996	86	3	5	5	0	0	74	90
	Pasni	000	0	0	22	14	97	00	0	985	89	0	0	9	0	·	85	91
	Ormara	000	0	0	27	07	98	00	0	981	89	0	0	9	0	.	75	91
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	4	25	12	98	02	1	987	86	2	6	4	0	1	79	89
	Karachi (Air Port)	000	0	3	23	10	97	01	2	986	88	3	1	6	0	0	77	90
	Badin	000	0	0	23	..	97	00	0	975	94	0	0	9	0	0	75	97
	Nagarparkar	000	0	6	19	02	96	01	2	969	92	6	6	7	0	0	70	94
	Umarkot	000	0	6	23	06	98	02	1	969	96	4	1	6	1	0	78	97
	Hyderabad	000	0	3	20	05	97	03	0	969	97	1	5	6	0	8	75	99
Khairpur	Pad-i-dan	000	0	2	18	07	98	03	0	958	02	2	2	6	0	0	72	05
	Nawabshah	000	0	2	00	00	97	02	0	971	00	2	3	6	0	0	59	00
	Sukkur	000	8	5	36	03	96	03	1	959	00	0	0	9	0	3	7.	04
	Kashmore	000	0	4	00	00	99	01	1	964	94	4	1	8	0	0	81	02
	Jacobabad	000	0	3	13	03	96	03	0	962	02	0	0	9	0	8	73	04
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	5	8	13	05	96	03	4	429	70	8	9	3	x	x	66	71
Peshawar	Drosh	000	0	4	23	12	97	03	0	392	92	4	2	7	0	0	57	97
	Cherat	000	8	1	18	10	98	01	0	435	81	1	2	6	0	0	77	83
	Kakul	000	8	2	27	03	98	01	1	425	80	2	2	6	0	(	70	84
	Landi Kotal	000	0	1	13	02	98	02	0	414	85	1	2	7	1	1	70	89
D. I. Khan	Parachinar	000	0	5	13	02	99	02	0	796	81	2	0	9	4	0	64	xx
	Miranshah	000	0	4	05	02	99	01	1	408	87	4	0	8	0	0	70	90
	Wana	000	0	3	07	07	97	20	3	424	85	3	2	8	2	0	64	51
	Fort Sandeman	000	0	6	23	07	98	03	0	422	93	4	2	6	4	0	65	97
Quetta	Hindubagh	000	0	6	09	03	94	03	3	368	90	5	0	9	0	4	56	90
	Loralai	000	9	6	13	09	7	03	1	410	86	3	9	5	3	8	67	88
	Harnai	000	4	8	00	00	98	02	6	xxx	xx	6	9	5	4	2	xx	xx
	Quetta	000	0	6	23	02	96	02	0	395	86	6	0	8	0	0	69	92
	Chaman	000	0	0	31	02	98	02	0	398	97	0	0	9	0	0	35	00
	Kalat	000	0	7	23	18	96	01	3	442	74	7	7	6	0	0	58	88
Kalat	Nushki	000	0	0	27	09	98	02	0	471	03	0	8	9	0	0	45	06
	Dalbandin	000	8	0	23	05	94	08	0	413	03	0	0	9	2	0	44	06
	Panjgur	000	0	3	23	03	98	03	0	436	98	3	0	9			47	00
Afghanistan	Kabul																	
	Kandahar																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at† Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility† VV (25)	Present weather† ww (26)	Past Weather† W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud† Nh (30)	Low Cloud Form† CL (31)	Height of Lowest Cloud† h (32)	Medium Cloud form† CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	013	3	5	16	05	96	02	6	031	80	2	3	6	5	2	77	76	— 1	0	97.9	+ 4.8	115.7	140
	Chittagong	012	0	5	13	05	97	02	2	026	85	5	4	6	0	0	76	77	+ 2	+ 1	80.8	+ 15.3	113.7	108
	Halidee Court	005	9	2	18	09	98	01	0	027	85	2	1	6	0	0	75	xx	+ 3	—	78.9	+ 9.7	110.7	115
	Comilla	000	0	4	18	06	98	03	0	037	85	4	4	6	0	0	76	79	+ 3	+ 2	57.6	+ 0.3	78.6	94
	Brahmanbaria	000	0	4	13	03	97	3	1	031	87	2	5	5	0	5	77	81	—	—	35.9	— 3.0	61.9	76
	Sylhet	033	6	3	09	02	97	02	9	036	87	3	4	6	0	0	79	77		—	109.1	—	147.9	—
	Srimangal	012	9	3	00	00	97	01	9	034	82	3	4	6	0	0	79	78	+ 3	+ 3	55.7	+ 8.3	88.8	98
Dacca	Mymensingh	015	8	4	13	02	99	02	6	036	85	4	4	5	0	0	79	80	+ 6	+ 2	62.7	+ 13.2	84.8	91
	Narayanganj	000	9	7	11	05	97	03	2	026	87	7	4	5	0	0	76	82	+ 2	+ 3	43.2	+ 4.2	63.5	74
	Dacca (Tezgaon)	000	9	6	13	02	97	01	2	021	83	4	5	4	8	0	78	80	—		43.3	—	59.3	—
	Faridpur	000	9	7	16	03	97	03	0	039	85	7	5	7	0	0	78	78	+ 1	— 1	40.5	+ 2.5	40.9	71
	Barisal	160	4	6	09	01	97	03	6	019	83	6	0	7	4	0	80	77	0	— 1	66.1	19.4	91.0	81
Rajshahi	Khulna	054	0	7	03	05	97	01	1	019	86	7	5	7	0	0	79	79	+ 1	+ 1	46.4	+ 5.3	67.3	68
	Satkhira	011	0	4	00	00	96	03	0	014	85	4	3	7	0	0	78	78	0	0	35.9	— 1.7	54.1	65
	Jessore	004	0	8	13	07	97	03	5	017	82	8	4	5	x	x	79	79	—	—	36.0	+ 0.2	71.8	65
	Sirajganj	000	0	8	69	03	98	02	2	010	86	8	1	7	x	x	79	xx	+ 3		47.8	+ 12.0	72.6	64
	Bogra	0 4	0	6	11	02	98	03	1	025	87	4	5	5	3	0	78	81	+ 3	+ 3	47.3	+ 8.0	66.3	69
	Dinajpur	000	3	4	00	0	96	01	1	018	87	4	0	9	2	0	79	81	+ 4	+ 3	28.7	— 14.6	46.1	72
	Rangpur	012	0	5	13	02	96	01	2	xxx	87	4	4	6	i	0	79	82	+ 2	+ 5	46.0	— 2.2	65.8	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd)	000	0	0	00	00	96	02	0	004	89	0	0	9	0	0	79	82	0	+ 6	23.0	+ 7.6	23.8	19
	Sialkot	000	0	0	00	00	98	00	0	995	87	0	0	9	0	0	79	80	— 1	+ 3	38.9	+ 18.7	45.0	[illegible]
Rawalpindi	Jhelum	000	0	0	05	02	97	02	0	998	86	0	0	9	0	0	77	80	—	—	32.3	—	42.5	—
	Rawalpindi	000	0	1	36	02	98	02	0	997	84	1	0	9	4	0	76	75	0	+ 2	28.4	+ 8.6	41.4	36
	Khushab	000	0	4	09	02	99	03	4	997	90	4	2	6	0	0	77	77	— 2	— 2	12.8	+ 3.9	18.3	15
Multan	Lyallpur	000	0	0	00	00	96	00	0	998	86	0	0	9	0	0	8	81	0	+ 3	10.6	+ 2.8	19.3	32
	Montgomery	000	0	0	90	00	98	00	0	998	89	0	0	9	0	0	78	84	+ 1	+ 4	3.9	— 2.3	6.3	10
	Multan	000	0	2	00	00	97	02	0	998	90	0	0	9	1	1	80	86	+ 5	+ 1	4.9	+ 0.5	7.0	7
Bahawalpur	Leiah	000	0	3	00	00	97	03	0	985	90	3	2	8	0	0	85	82	—	—	3.9	—	5.8	8
	Khanpur	000	0	0	29	23	96	23	0	985	88	0	0	9	0	(	78	83	+ 2	+ 3	8.3	— 4.3	4.2	6
	Bahawalpur	000	0	1	00	00	97	02	0	991	90	0	0	9	0	1	78	83	+ 2	+ 5	5.4	+ 1.3	6.5	6
	Fort Abbas	000	0	0	02	05	98	00	0	889	96	0	0	9	0	0	78	77	—	—	3.8	—	4.1	4
Peshawar	Chakdara	000	0	2	00	00	99	00	0	002	81	0	0	6	0	0	75	74	—	—	5.8	—	21.3	—
	Peshawar	000	0	6	36	05	96	05	1	009	83	6	9	6	0	0	77	80	— 4	+ 4	6.4	+ 2.8	19.3	14
	Haripur	003	3	3	23	04	97	03	0	988	83	0	0	9	0	8	73	73	—	—	14.3	—	35.3	—
	Campbellpur	000	6	6	36	03	97	29	8	028	84	6	3	8	0	0	77	84	—	—	16.0	—	29.9	—
D. I. Khan	Bannu	000	0	4	00	00	99	02	0	986	86	4	1	5	0	0	77	80	—	—	10.0	—	16.9	11
	D. I. Khan	000	2	6	00	00	98	03	1	993	87	6	6	8	0	0	80	82	— 1	+ 3	9.8	+ 4.9	13.5	10
Quetta	Sibi	000	0	0	10	00	39	10	0	983	89	0	0	9	0	0	75	88	—	—	3.1	—	3.4	5
Kalat	Nokkundi	000	0	0	27	02	98	02	0	·10	66	0	0	9	0	0	38	79	—	—	0	—	1.1	2
	Turbat	000	0	0	31	02	96	C0	0	007	84	0	0	9	0	0	77	xx	—	—	2.3	—	6.7	—
	Jiwani	000	0	8	29	02	96	03	2	020	82	8	6	4	x	x	75	80	—	—	0.1	—	5.7	4
	Pasni	000	0	4	27	05	97	02	1	011	82	4	0	9	2	0	78	80	+ 3	+ 6	0.1	— 0.8	2.7	6
	Ormara	000	6	6	00	00	98	02	1	008	84	6	0	9	2	0	78	80	—	—	9.2	— 0.6	2.1	6
	Las Bela																							8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	8	25	09	96	03	2	004	82	8	0	9	2	x	79	80	+ 4	+ 2	6.5	+ 1.1	6.5	8
	Karachi (Air Port)	000	0	7	27	02	96	50	2	001	81	4	6	4	5	0	80	81	—	—	11.3	—	11.4	—
	Badin	010	2	8	23	02	95	03	6	009	81	8	8	7	x	x	77	79	+ 4	0	4.8	— 1.6	4.0	9
	Nagarparkar	000	0	6	27	02	96	02	1	997	76	6	7	7	0	0	76	75	—	—	10.1	—	10.1	—
	Umarkot	000	0	4	23	03	98	02	1	987	82	0	0	9	0	2	76	78	—	—	12.2	—	13.2	—
	Hyderabad	059	9	2	23	02	97	01	6	992	83	0	0	9	0	1	77	79	+ 3	+ 1	7.5	+ 2.1	8.3	7
Khairpur	Pad-i-dan	000	0	2	13	09	97	03	1	983	85	2	0	9	7	0	76	82	—	—	5.2	—	5.4	—
	Nawabshah	000	0	4	18	03	96	02	2	992	85	1	0	9	1	1	77	80	—	—	4.1	—	4.8	—
	Sukkur	000	9	5	00	00	96	03	1	982	88	0	0	9	0	8	77	83	—	—	3.1	—	3.1	4
	Kashmore	000	0	0	18	03	99	00	0	981	91	0	0	9	0	4	76	85	—	—	0	—	0.1	—
	Jacobabad	000	0	2	09	05	96	02	0	981	98	0	0	9	0	1	74	85	+ 1	+ 5	3.7	+ 1.6	4.4	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
HILL STATIONS																								
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	000	9	2	00	00	98	01	1	466	65	2	i	4	0	0	58	[illegible]	[illegible]	[illegible]	38.7	+ 8.2	63.9	59
Peshawar	Drosh	000	0	1	00	00	98	01	0	446	76	1	i	7	3	0	62	75	[illegible]	+ 7	1.3	—	30.4	18
	Cherat	000	0	7	35	01	93	46	2	451	73	4	2	6	9	0	71	68	— 2	0	14.1	+ 4.1	24.0	29
	Kakul	000	0	i	.9	02	97	01	i	448	75	1	5	8	8	0	67	70	—	—	37.9	—	47.6	—
	Landi Kotal	000	0	4	05	02	98	03	0	439	79	4	0	9	9	0	69	xx	—	—	2.5	—	17.5	—
D. I. Khan	Parachinar	000	0	6	13	01	99	02	0	797	69	2	0	9	1		64	xx	—	—	12.3	—	26.2	29
	Miranshah	000	0	6	00	00	98	03	2	441	82	6	3	7	0	0	72	90	—	—	2.7	—	5.7	13
	Wana	000	2	5	00	00	97	02	1	443	77	5	2	8	0	0	66	71	—	—	—	—	—	—
	Fort Sandeman	000	0	0	05	03	97	02	0	444	79	0	0	9	0	0	77	76	+ 2	+ 6	5.9	+ 1.1	14.6	11
Quetta	Hindubagh	000	0	0	25	03	98	00	0	406	76	0	0	9	0	0	52	66	—	—	3.9	—	12.0	—
	Loralai	000	9	2	00	00	99	02	9	426	76	0	0	9	0	1	64	66	—	—	6.8		12.4	14
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	..	xx	—	—	4.9	— 1.7	11.2	8
	Quetta	000	0	0	00	00	95	00	0	423	75	0	0	9	0	0	68	68	—	—	4.4	+ 3.5	10.0	7
	Chaman	000	0	0	18	02	98	02	0	436	79	0	0	9	0	0	39	71	+ 5	+ 4	0.1	0	6.3	9
	Kalat	000	0	0	16	02	97	02	0	464	72	0	0	9	0	0	56	63	+ 4	+ 10	4.0	+ 2.9	8.4	—
Kalat	Nushki	000	0	0	00	00	98	02	0	478	88	0	0	9	0	0	43	75	—	—	0.9	—	2.8	5
	Dalbandin	000	0	2	23	02	95	05	0	423	77	0	0	9	0	1	40	72	+ 1	+ 7	0.2	— 0.1	2.2	4
	Panjgur	000	0	2	00	00	98	03	1	459	77	3	0	9	2	0	55	75	0	+ 7	1.5	—	3.1	12
Afghanistan	Kabul																							
	Kandahar																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day.

Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

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PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 1st SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C h_sh_s	O $T_sT_sT_dT_d$	I_dI_d PH
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Valletta	23 205	689 00	8 29 20	95 62 6	013 79	87 4 xx	7x 20 6	...	0 53 76	1 24 58
Taihomaru	23 207	638 00	8 23 18	98 02 2	000 77	47 3 22	35 40 0	...	0 53 75	
Mozaffari	23 159	564 00	6 03 02	91 22 2	xxxxx	xx x xx	63 71 0	...	0 00 72	1 22 23
Caltex Rotterdam	23 252	577 00	6 11 06	98 03 1	990 86	64 4 00	...	...	0 53 81	1 11 21
Bethsabe	23 228	596 03	2 14 10	98 02 0	989 79	20 6 48	35 20 8		0 00 77	1 14 21
Alfred Fraissinet	23 216	597 06	7 20 06	97 02 2	014 79	76 5 00	86 20 4		0 03 73	1 00 x8
City of Coventry	23 224	634 06	4 23 09	99 01 1	031 80	44 4 00	55 11 8	...	0 52 76	1 x4 21
Isocardia	23 237	588 06	2 12 12	98 02 1	080 84	00 9 04	35 21 0	...	0 00 79	1 12 x1
Caltex Rotterdam	23 244	582 06	8 09 08	98 02 2	017 84	14 4 04	...	...	0 01 79	1 09 21
Bethsabe	23 215	595 09	7 18 10	98 03 2	004 79	66 3 09	35 81 0	...	0 02 77	1 18 21
Valletta	23 215	669 12	8 25 14	98 01 2	004 81	84 6 xx	74 81 8	...	0 52 77	1 23 36
Bethsabe	23 209	592 12	5 19 12	98 01 2	994 77	35 4 59	55 71 0	...	0 01 75	1 20 21
Caltex Rotterdam	23 235	590 12	3 14 15	98 03 0	997 84	32 4 00	...	...	0 50 77	1 14 41
Alfred Fraissinet	23 231	594 12	3 17 16	97 02 1	992 82	11 5 07	76 71 1	...	0 02 79	1 12 21
City Coventry	23 212	618 12	7 23 09	98 02 1	008 77	78 4 00	55 60 3	...	0 55 76	1 24 21
Bethsabe	23 202	579 15	0 17 10	97 02 0	999 73	00 9 00	55 00 5	...	0 00 73	1 17 22
Alfred Fraissinet	23 246	583 18	0 11 12	98 02 0	994 82	00 9 00	76 21 0	...	0 56 81	1 12 x0
Caltex Rotterdam	23 227	597 18	3 15 10	98 02 0	015 79	00 9 01		...	0 52 75	1 14 2x
Bethsabe	23 196	575 18	6 21 20	97 03 1	010 73	xx x xx	55 21 1	...	0 02 73	1 21 23

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	23 00	000 283 252	005 xxxxxx	...	400 195 142	...	071 115 078	345 045 028	814 542 615	542 645 765	967 770	247 985	431 115	...
Jiwani														
Karachi	00 00	997 272 255	...	...	400 215 999		083 135 999	357 035 999	826 505 999	572 622 999	972 760	253 975	438 105	683 260
Lahore	00 00	976 278 272	...	...	431 205 202	...	089 135 999	369 075 999	846 510 999	609 560 999	982 655	270 790	...	...
Multan														
Peshawar	01 00	959 278 275		...	450 228 228	...	075 128 129	354 065 005	828 512 999	585 580 999	...	...	...	...
Quetta			...											

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	23 00	900 272 215	800 145 115	548 002 585	350 705 802	...	...	...	...	...	350 705 802	...	...
Jiwani													
Karachi	00 00	900 238 228	800 195 188	5?2 030 999	180 820 999	...	...	...	...	...	100 260 999	...	...
Lahore	00 00						...	...	...	...	180 820 999	...	...
Multan													
Peshawar	01 00	900 252 248	800 195 195	380 595 999	...	...	...	...	...	...	380 595 999	...	...
Quetta													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of oC.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	At 1200 hrs. G.M.T. of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 600 hrs. G.M.T. † of date (dd ff)										
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	13 01	19 12	12 10	...	...	...	...	...	...	12 07	13 18	12 18	11 21	11 21	...	10 12	11 16	12 23	12 25	11 19	11 21	11 23	...	...	...	...
Chilas														...	...	...	...		...	...	...	...	...	...	...	...
Cherat	23 08	23 06	14 05	07 08	07 12	05 17	04 15	05 17	06 15	24 13	25 14	24 06	08 04	...				...	...	...	...	...	...	...	...	...
Chittagong	17 13	17 15	16 19	...	...	...	...	...	...	15 21	15 23	16 18	16 17	17 18	...	19 13	16 20	...	...	...	...	...	...	...	...	...
Cox's Bazar	17 15	18 21	17 24		...		...	...	...	17 20									...	...	...	...	...	...	...	...
Dacca	14 15	14 15	14 25	13 31	13 30	13 35	12 36	12 29	12 28	14 16	14 19	13 20	12 23	11 22	11 19	13 18	12 17	13 10	13 20	12 25	13 21	...	...	...	...	...
Dalbandin	...	—	25 11	25 21	25 22	29 08	25 16	20 16	19 14	...	—	17 04	21 07	26 05	23 04	...	...	07 04	05 04	34 05	31 07	14 15	15 22	16 16	05 14	05 16
D.I. Khan	...	...	...				...		...	...	...	...				...	...	...	...							
Drosh	...	...	...		23 04	22 13	...		...	...	...		22 01	24 05	21 11	...	...	...	...	22 05	21 08	21 03	21 02	09 03	35 08	20 05
Fort Sandeman				23 07	21 04	01 02	32 10	04 06	...				04 02	23 06	29 11				02 05	34 02	33 10	31 06	02 05	02 05	18 05	18 09
Jacobabad	15 07	14 03	19 04	27 05	28 03	35 10	36 11	05 13	04 16	21 19	21 11	20 07	27 04	32 03	02 08	15 04	14 06	09 02	10 04	06 06	05 14	09 08	19 04	13 05	..	—
Jessore	13 13	13 15	13 17							12 13	11 14	11 19	11 19	11 18	11 23	11 09										
Jhelum	27 01	32 03	32 03	34 06	34 09	34 11	31 17	33 09	30 10	01 04	22 02	25 01	04 02	02 02	33 06	19 01	31 01	23 02	04 03	33 04	34 04	05 11	28 13	26 19	31 03	22 03
Jiwani							...	...	...	24 05	23 04	04 03	10 04	...		14 02	13 02	...	...	...	...	...	...	...	...	...
Karachi	25 12	26 13	33 02	08 13	07 14	06 16			...	29 19	29 17	29 11				28 15	29 15	32 11								
Khanpur	31 15	32 13	33 11	30 07	35 06	36 09			...	25 10	27 08	27 04	34 06	06 04	17 02	26 24	15 04	15 08	11 14	10 13	06 12	08 19	05 21	04 31	05 31	22 08
Lahore	03 05	35 03	33 05	33 12	34 09	34 10	36 17	34 15	35 10	14 06	06 03	35 01	32 05	33 08	36 10	12 03	11 03	02 01	34 07	36 08	35 09	23 04	28 15	...	...	...
Multan	34 07	02 05	06 03	12 01	02 01	36 08	03 15	06 11	04 10	19 07	21 09	23 08	23 08	07 02	07 13	13 02	18 02	16 02	10 05	07 05	10 08	02 12	02 13	...	...	...
Muscat	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...		...	...	...	...	...	...
Panjgur	...	...				...	...	...	...	...					...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	04 04	15 04	18 11	23 08	28 04	32 24	30 31	31 18	...	05 07	04 04	06 04	12 03	...	...	...	...	...					...	...	...
Quetta	...	...	...	...	18 10	33 02	32 10	30 11	30 09	...	...	...	...	07 03	32 10	...	...	...	...	35 04	35 13	12 11	13 05	13 06	...	...
Sharjah	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	27 03	26 03	11 08	12 11	12 14	11 11	12 10	09 12	09 25	20 01	07 02	11 05	12 09	11 09	...	19 04	15 04	11 05	11 13	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...

* The actual time of observations may very within half an hour of the up called time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	14 13	14 15	13 18	12 19	12 19	11 18	11 13	12 11	11 12	11 14	11 15	08 22	09 23	10 25	11 17	12 21	...	...
Karachi	27 26	27 25	30 18	06 04	07 12	04 20	06 21	07 20	03 19	06 19	06 22	07 15	08 24	07 28	07 30	07 29	...	...
Peshawar		02 21	24 13	05 02	19 02	27 03	29 08	03 04	05 08	03 19	30 15	22 05	..	...	...	...	..	..
Quetta																		

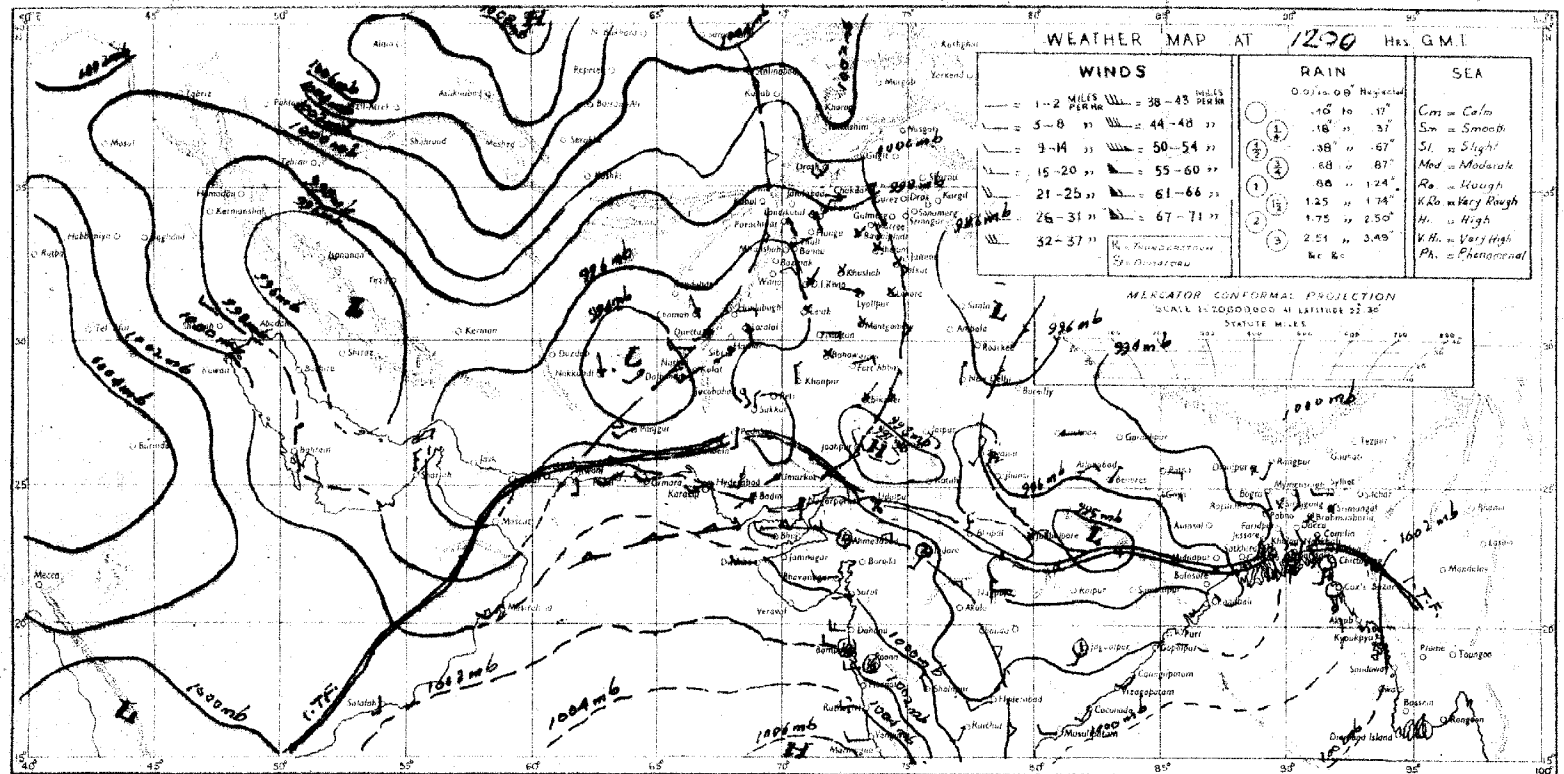
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

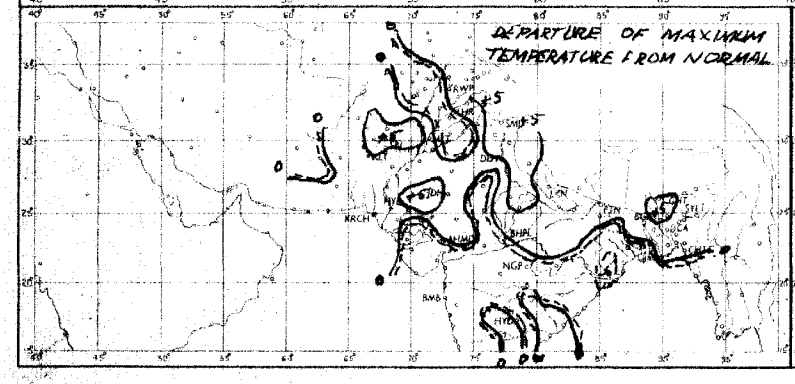
Cloud observation Data (GGiii Cdd V_rV_r etc.)

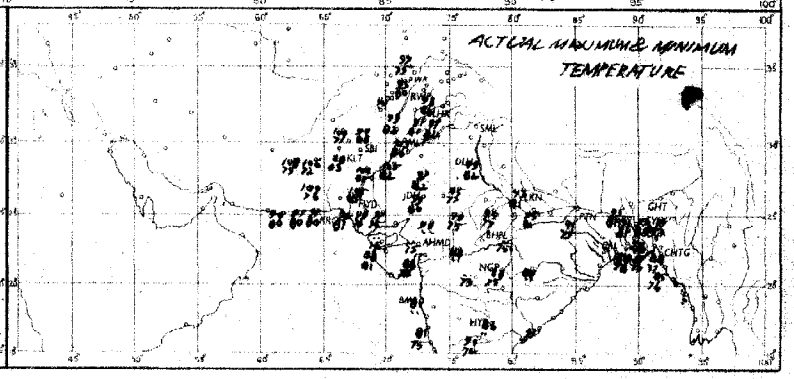
The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

MONDAY 31st AUGUST 1959







Rainfall amounts indicated in the above chart refer to past 9 hours.

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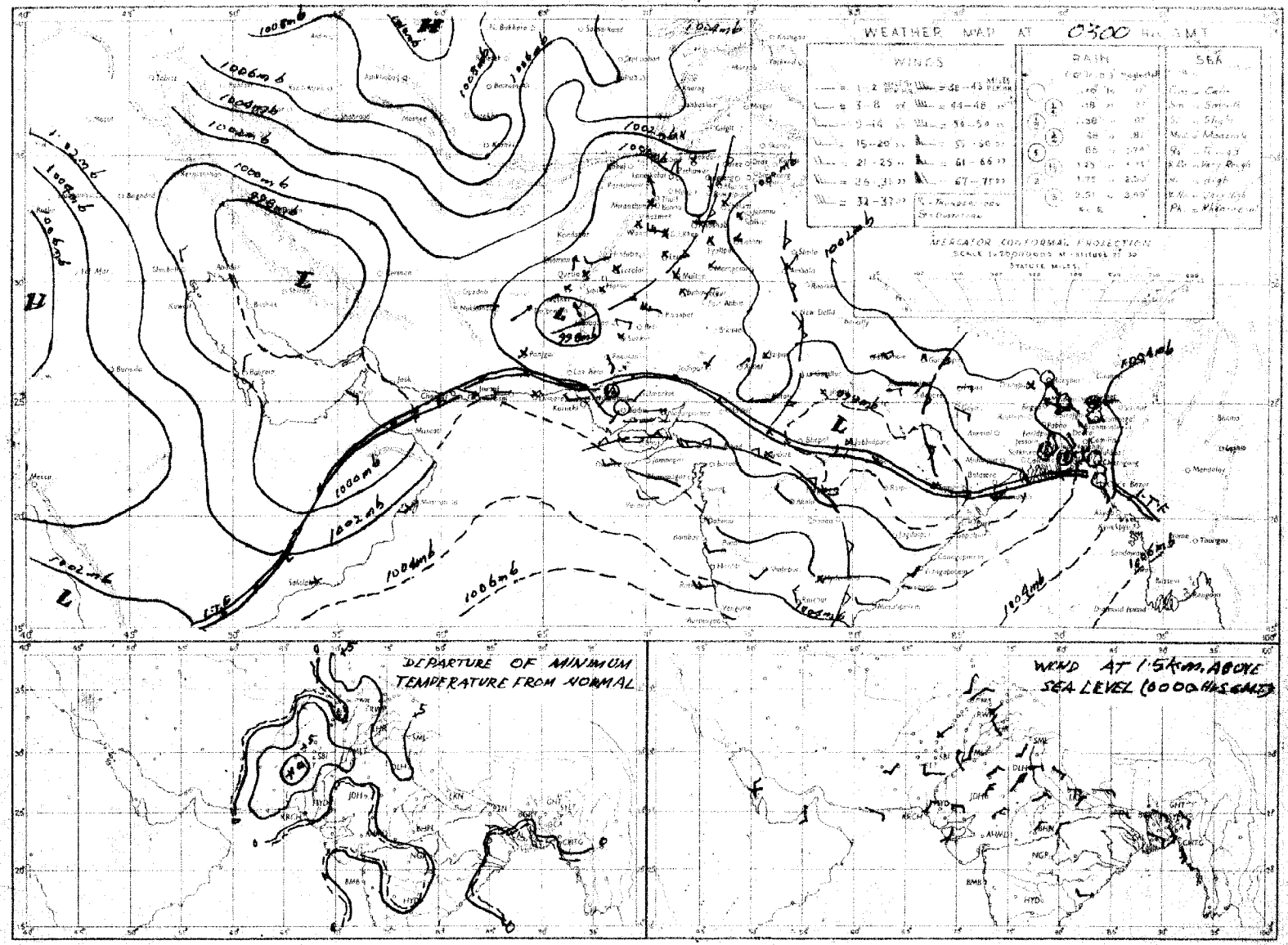
PAKISTAN DAILY WEATHER MAP

TUESDAY 1st SEPTEMBER 1959



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

WEDNESDAY THE 2nd SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave over Rawalpindi division is moving away across Kashmir.

A fresh low pressure wave is moving across Peshawar division and adjoining areas.

A well marked trough of low lies over Hyderabad and Khairpur divisions.

They have caused fairly widespread thunderstorm/showers in Hyderabad division and the Federal Capital area, local in Rawalpindi, Multan and Peshawar divisions and scattered in Bahawalpur and Khairpur divisions.

Rain/thundershowers have been local in Rajshahi division and scattered elsewhere over East Pakistan.

Chief amounts of rainfall are: Sylhet 1½", Rawalpindi 1", Khulna, Satkhira, Murree, Umarkot and Padidan ½" each and Cox's Bazar, Jessore, Multan and Cherat ¼" each.

Day temperatures were 3—6°F above normal in upper Rajshahi, Quetta, Kalat, Multan, Bahawalpur and Hyderabad division and the Federal Capital Area.

Forecast valid until the evening of 3rd September, 1959. Fairly widespread rain/thundershowers will occur in Chittagong and Rawalpindi divisions and Kashmir, local in Peshawar, Lahore, Hyderabad, Dacca and Rajshahi divisions and scattered thunderstorm/showers in Quetta, D. I. Khan, Multan, Bahawalpur and Khairpur divisions and the Federal Capital area.

Karachi-11
The 2nd September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	019	7	5	16	07	96	03	6	011	77	3	5	6	6	2	76	84
	Chittagong	000	3	5	16	09	97	20	2	012	82	3	3	5	7	0	77	86
	Maijdee Court	000	9	4	18	09	96	02	1	999	83	2	1	9	6	0	77	86
	Comilla	000	0	8	00	00	95	02	2	001	85	8	4	5	1	1	78	91
	Brahmanbaria	000	0	6	18	05	97	03	1	999	87	3	4	5	2	0	79	91
	Sylhet	000	0	1	03	03	97	02	0	985	90	1	1	6	0	1	77	93
	Srimangal	000	0	4	00	00	97	03	1	988	89	4	3	5	3	0	81	93
Dacca	Mymensingh	000	0	2	13	02	95	01	1	990	89	0	0	9	0	4	78	91
	Narayanganj																	
	Dacca (Tezgaon)	000	9	5	13	07	98	02	2	988	85	3	3	4	0	2	78	89
	Faridpur	008	9	5	16	02	96	50	0	006	85	2	5	7	0	0	78	88
	Barisal	015	4	5	00	00	97	03	5	995	83	3	0	8	4	2	79	87
Rajshahi	Khulna	050	6	5	13	03	97	01	6	985	83	5	5	7	0	0	79	87
	Satkhira	065	0	2	00	00	96	01	6	981	83	2	1	9	0	0	79	88
	Jessore	010	7	6	18	02	98	02	6	982	82	4	4	5	6	0	79	88
	Sirajganj	000	0	6	00	00	96	03	2	976	86	6	0	9	0	4	79	90
	Bogra	000	0	4	13	02	96	02	2	985	88	2	4	6	3	1	78	92
	Dinajpur	000	0	0	00	00	96	00	0	975	91	0	0	9	0	0	81	95
	Rangpur	...		...		...			.	...		...	...		..	...		
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	3	00	00	96	02	1	958	95	2	2	6	3	0	77	99
	Sialkot	000	0	1	00	00	98	01	0	957	96	1	2	6	x	x	79	97
Rawalpindi	Jhelum	000	0	3	27	02	97	03	0	951	95	2	1	7	3	0	80	99
	Rawalpindi	000	0	2	00	00	99	01	1	951	93	2	2	8	0	0	75	96
	Khushab	000	0	3	05	05	96	03	1	967	95	3	3	6	0	0	76	01
Multan	Lyallpur	000	0	6	00	00	95	17	9	954	90	6	3	8	0	0	74	99
	Montgomery	000	0	6	00	00	96	03	2	971	00	3	3	7	0	0	76	03
	Multan	025	1	8	36	03	96	95	0	959	06	2	9	6	5	2	82	05
Bahawalpur	Leiah	000	2	8	05	35	92	98	9	951	02	6	6	7	8	0	73	08
	Khanpur	000	0	0	31	03	96	03	0	944	05	9	0	9	0	0	81	06
	Bahawalpur	000	3	7	00	00	97	03	2	961	06	0	0	8	6	0	78	05
	Fort Abbas	000	0	4	03	03	98	03	2	959	00	0	0	8	3	0	79	07
Peshawar	Chakdara	000	0	0	27	02	99	00	0	596	94	0	0	9	0	0	36	95
	Peshawar	000	0	1	05	02	98	03	1	948	95	1	3	6	0	1	77	96
	Haripur	000	3	3	09	02	97	01	2	927	98	3	5	6	0	0	82	00
	Campbellpur	000	0	0	09	00	98	00	1	969	96	0	0	9	0	0	84	97
D. I. Khan	Bannu	000	0	3	16	01	99	01	0	948	77	3	1	6	0	0	73	01
	D. I. Khan	000	6	2	09	02	98	03	0	952	92	0	0	9	2	0	76	00
Quetta	Sibi	000	0	0	23	02	99	00	0	546	05	0	0	9	0	0	72	06
Kalat	Nokkundi	000	0	0	34	02	97	02	0	938	05	0	0	9	0	0	33	06
	Turbat	000	0	0	27	02	96	00	0	959	06	0	0	9	0	0	83	07
	Jiwani	000	0	0	23	10	99	00	0	981	87	0	0	9	0	0	74	89
	Pasni	000	0	0	20	16	97	00	0	964	88	0	0	9	0	0	80	92
	Ormara	000	0	0	27	10	98	00	0	961	88	0	0	9	0	0	77	90
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	8	25	10	96	03	2	982	86	0	0	9	2	0	80	89
	Karachi (Air Port)	000	0	6	23	09	96	03	2	974	89	6	5	5	4	0	83	92
	Badin	005	2	0	00	00	95	98	6	983	87	0	0	9	7	0	77	91
	Nagarparkar																	
	Umarkot	058	4	8	29	05	98	00	9	974	80	8	0	6	0	0	78	93
	Hyderabad	000	0	8	13	03	97	03	2	977	94	2	6	5	2	0	78	00
Khairpur	Pad-i-dan	015	2	8	13	10	96	95	9	965	80	8	3	6	x	x	74	05
	Nawabshah	000	0	7	09	17	92	09	2	978	98	2	1	6	2	0	74	02
	Sukkur	000	8	4	36	05	96	03	1	949	00	4	0	9	6	0	74	03
	Kashmore	000	0	2	05	02	99	00	0	949	03	2	1	8	0	0	66	03
	Jacobabad	000	0	3	18	03	96	03	0	951	02	1	3	7	0	2	75	04
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	000	0	0	00	00	98	00	0	092	73	0	0	9	0	0	40	80
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	006	2	8	13	02	96	03	6	431	65	8	9	3	x	x	60	70
Peshawar	Drosh	000	0	1	23	12	98	01	0	380	95	1	2	7	0	0	56	98
	Cherat	032	4	1	18	01	98	02	6	427	94	1	2	6	0	0	79	86
	Kakul	000	4	3	18	05	94	05	1	415	82	3	1	6	0	0	67	85
	Landi Kotal	000	0	1	05	02	99	01	1	507	89	0	0	9	0	4	67	92
D.I. Khan	Parachinar	000	0	0	05	05	99	00	0	796	68	0	0	9	0	0	66	xx
	Miranshah	000	0	0	05	05	99	00	0	413	93	0	0	9	0	0	68	94
	Wana	000	0	4	14	09	97	10	2	403	86	4	2	8	0	0	62	xx
	Fort Sandeman	000	0	2	00	00	97	01	0	405	94	2	0	9	0	3	63	96
Quetta	Hindubagh	000	0	0	31	01	98	00	0	358	94	0	0	9	0	0	56	94
	Loralai	000	9	3	18	07	97	03	0	397	87	3	9	5	0	0	63	89
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	31	02	96	00	0	405	88	0	0	9	0	0	61	90
	Chaman	000	0	0	36	02	98	02	0	398	98	0	0	9	0	0	24	99
Kalat	Kalat	000	0	4	09	02	97	02	1	395	86	4	1	7	0	0	51	90
	Nushki	000	0	0	36	09	98	02	0	471	04	0	0	9	0	0	47	06
	Dalbandin	000	8	0	36	03	96	02	0	410	03	0	0	9	0	0	47	05
	Panjgur	000	0	0	31	03	98	00	0	432	99	0	0	9	0	0	27	00
Afghanistan	Kabul	000	0	0	32	00	99	00	0	463	83	0	0	9	0	0	61	91
	Kandahar																	

At 0300 Hrs. G.M.T. of date

DIVISIONS	STATIONS	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Cox's Bazar	027	2	4	16	07	97	02	6	035	83	1	5	1	x	x	xx	75
	Chittagong	000	0	4	13	09	97	01	1	040	85	2	2	6	1	1	76	77
	Maijdee Court	—																
	Comilla			...	...			...			...	—	...		...	—	...	...
	Brahmanbaria	006	0	3	18	02	97	01	1	041	06	1	7	7	6	x	xx	xx
	Sylhet	155	9	3	00	03	97	01	9	041	96	2	4	5	6	0	76	76
	Srimangal	000	9	7	00	00	97	03	9	047	83	7	4	5	x	x	77	76
Dacca	Mymensingh	000	0	6	13	05	98	02	1	043	84	6	2	5	0	0	77	80
	Narayanganj	000	0	6	09	05	97	03	2	034	87	6	4	4	0	0	76	81
	Dacca (Tezgaon)	000	9	6	13	12	97	01	2	029	85	5	4	4	0	1	78	81
	Faridpur	008	9	7	16	03	97	03	0	029	84	7	5	7	0	0	77	79
	Barisal	...			...	..	..		...	...	...	...	...	..	...	...	...	...
Rajshahi	Khulna	050	0	6	13	07	97	02	2	022	84	6	6	6	0	8	78	78
	Satkhira	065	0	4	00	00	96	01	0	016	85	4	3	9	0	0	78	79
	Jessore	019	9	8	09	05	96	21	6	020	81	8	5	9	x	x	80	78
	Sirajganj	000	0	8	09	03	98	01	2	020	85	8	2	5	0	0	78	81
	Bogra	000	0	6	13	05	96	01	2	030	85	6	5	5	0	0	78	81
	Dinajpur	000	3	4	00	00	96	02	2	028	86	4	0	9	2	0	79	80
	Rangpur	000	0	4	09	05	97	01	1	025	84	4	1	6	0	0	80	81
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	9	5	13	03	96	02	1	008	87	3	5	6	3	6	81	82
	Sialkot	000	2	5	13	02	98	03	1	009	84	3	4	6	2	x	77	79
Rawalpindi	Jhelum	000	5	3	00	00	97	01	1	009	83	1	1	7	3	0	77	79
	Rawalpindi	092	5	2	00	00	99	01	2	021	78	1	0	5	8	9	75	70
	Khushab	000	0	3	09	02	96	03	1	000	87	3	2	9	0	0	80	83
Multan	Lyallpur	000	0	6	05	02	96	02	9	003	84	1	3	8	0	0	78	84
	Montgomery	000	0	0	03	00	96	00	0	998	87	0	0	9	0	0	79	75
	Multan	025	9	2	00	00	96	01	9	992	88	0	0	9	0	1	81	86
Bahawalpur	Leiah	000	0	0	00	00	96	00	0	988	90	0	0	9	0	0	79	80
	Khanpur	000	0	0	18	03	96	03	0	991	90	0	0	9	0	0	xx	83
	Bahawalpur	000	0	0	00	00	97	00	0	995	89	0	0	9	0	0	78	85
	Fort Abbas	000	0	0	00	00	98	00	0	007	90	0	0	9	0	0	74	85
Peshawar	Chakdara	002	2	8	00	00	96	97	9	018	78	8	6	7	x	x	74	76
	Peshawar	000	0	7	34	03	97	02	1	005	83	7	3	6	3	0	74	80
	Haripur	000	6	5	05	02	97	01	9	988	82	0	4	6	0	0	73	75
	Campbellpur	000	0	0	13	05	92	00	0	020	85	0	0	9	0	0	70	81
D. I. Khan	Bannu	000	0	5	00	00	99	02	0	988	86	5	6	9	0	0	74	84
	D. I. Khan	000	2	3	00	00	98	01	1	993	89	0	0	9	0	3	79	81
Quetta	Sibi	000	0	0	23	02	99	00	0	991	89	0	0	9	0	0	76	86
Kalat	Nokkundi	000	0	0	05	02	98	02	0	969	90	0	0	9	0	0	36	85
	Turbat	000	0	4	00	00	95	03	0	000	83	0	0	9	2	0	70	xx
	Jiwani	000	0	8	23	03	96	03	2	005	82	8	6	4	0	0	76	81
	Pasni	000	0	7	27	03	97	00	0	008	xx	7		9	5	0	79	81
	Ormara	000	0	7	27	05	98	02	1	003	94	7	2	5	0	0	78	80
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	9	7	25	05	96	03	9	990	83	0	0	9	4	1	79	81
	Karachi (Air Port)	012	9	7	27	07	96	02	9	996	83	1	5	5	3	0	80	81
	Badin	000	.	0	23	02	96	00	0	984	82	0	0	9	0	0	79	79
	Nagarparkar	000	0	0	27	02	95	02	2	988	79	6	4	7	0	0	73	77
	Umarkot	058	0	6	00	00	98	00	0	964	80	0	0	9	0	2	79	76
	Hyderabad	014	9	4	00	00	97	01	6	986	83	2	6	5	0	1	79	80
Khairpur	Pad-i-dan	060	9	6	16	02	97	03	7	993	82	6	0	9	7	0	79	78
	Nawabshah	000	0	4	13	03	96	03	2	998	85	4	0	9	2	0	76	80
	Sukkur	000	9	6	16	03	96	03	2	987	88	6	0	9	6	0	77	82
	Kashmore	000	0	0	10	00	99	00	0	991	89	0	0	9	0	0	76	84
	Jacobabad	000	0	3	13	02	96	03	1	992	87	0	0	9	0	1	78	83
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	000	0	0	00	00	98	00	0	xxx	xx	0	0	9	0	0	33	54
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	038	9	6	05	02	98	02	9	456	64	4	5	5	5	0	61	59
Peshawar	Drosh	000	2	5	00	00	96	04	2	432	81	5	2	6	0	0	62	78
	Cherat	022	0	8	36	05	xx	xx	x	445	72	8	5	6	x	x	72	72
	Kakul	000	9	4	23	03	97	01	2	446	74	2	3	6	4	2	69	72
	Landi Kotal	000	0	2	05	01	98	02	0	429	79	0	0	9	6	0	72	xx
D.I. Khan	Parachinar	000	0	2	00	00	99	00	0	797	72	0	0	9	1		57	xx
	Miranshah	000	0	2	00	00	95	03	0	xxx	87	0	4	8	0	0	75	81
	Wana	000	0	2	00	00	97	00	3	444	77	2	0	9	6	0	67	71
	Fort Sandeman	000	0	0	00	00	98	02	0	436	81	0	0	9	0	0	69	76
Quetta	Hindubagh	000	0	0	18	01	98	00	0	411	74	0	0	9	0	0	59	73
	Loralai	000	0	0	00	00	98	00	0	429	75	0	0	9	0	0	65	68
	Harnai	000	0	0	09	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	18	02	95	00	0	429	74	0	0	9	0	0	65	65
	Chaman	000	0	0	13	03	98	02	0	425	76	0	0	9	0	0	36	71
Kalat	Kalat	000	0	0	18	02	98	02	0	433	72	0	0	9	0	0	60	62
	Nushki	000	0	0	09	05	98	02	0	478	87	0	0	9	0	0	49	83
	Dalbandin	000	0	0	00	00	96	03	0	418	75	0	0	9	0	0	39	70
	Panjgur	000	0	4	00	00	98	03	0	435	78	0	0	9	2	0	70	77
Afghanistan	Kabul	000	0	0	36	00	99	00	0	481	72	0	0	9	0	0	53	52
	Kandahar																	

Departure from Normal of / Rainfall

DIVISIONS	STATIONS	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	— 2	— 1	100.1	+ 4.3	116.0	148
	Chittagong	— 1	+ 1	80.8	—14.7	143.7	108
	Maijdee Court	0					115
	Comilla	+ 3					94
	Brahmanbaria	—	—	35.9	— 3.4	61.9	76
	Sylhet	—	—	110.7	—	148.6	—
	Srimangal	+ 3	+ 1	55.8	+ 6.8	88.8	98
Dacca	Mymensingh	+ 3	+ 2	62.7	+12.8	84.8	91
	Narayanganj	—	+ 2	43.2	+ 3.8	63.5	74
	Dacca (Tezgaon)	—	—	43.3	—	59.3	—
	Faridpur	0	0	40.6	+ 2.2	69.0	71
	Barisal	0					81
Rajshahi	Khulna	— 1	0	46.9	+ 5.6	67.8	68
	Satkhira	— 1	+ 1	33.6	— 1.5	54.7	65
	Jessore	—	—	36.2	+ 0.1	72.0	65
	Sirajganj	+ 2	+ 2	47.8	+11.6	72.6	64
	Bogra	+ 3	+ 3	47.3	+ 7.6	66.3	69
	Dinajpur	+ 6	+ 2	28.7	—15.1	46.1	72
	Rangpur		+ 4	46.0	— 2.8	65.8	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	+ 2	+ 5	20.0	— 9.4	23.8	19
	Sialkot	+ 3	+ 2	38.9	+18.5	45.0	32
Rawalpindi	Jhelum	—	—	32.3	—	42.6	—
	Rawalpindi	— 3	— 3	29.3	+ 9.3	42.3	36
	Khushab	+ 2	+ 4	12.8	+ 3.8	18.3	15
Multan	Lyallpur	+ 2	+ 6	10.6	+ 2.7	13.4	12
	Montgomery	+ 2	+ 5	3.9	— 2.3	6.3	10
	Multan	+ 6	+ 5	5.2	+ 0.7	7.3	7
Bahawalpur	Leiah	—	—	3.9	—	5.0	8
	Khanpur	+ 3	+ 4	0.3	— 4.3	1.2	6
	Bahawalpur	+ 4	+ 7	5.4	+ 1.3	6.5	6
	Fort Abbas	—					4
Peshawar	Chakdara	—	—	5.8	—	21.3	—
	Peshawar	— 1	+ 4	6.4	+ 2.7	19.4	14
	Haripur	—	—	14.3	—	25.2	—
	Campbellpur	—	—	14.0	—	30.0	—
D. I. Khan	Bannu	—	—	10.0	—	16.9	11
	D. I. Khan	— 1	+ 2	9.8	+ 4.9	13.5	10
Quetta	Sibi	—	—	3.1	—	3.7	5
Kalat	Nokkundi	—	—	0	—	1.1	2
	Turbat	—	—	2.3	—	6.7	—
	Jiwani	—	—	0.1	—	5.7	4
	Pasni	—	—	0.1	— 0.8	2.6	6
	Ormara	+ 4	+ 7	0.2	— 0.6	2.1	6
	Las Bela	—	—				8
Karachi Federal Area Hyderabad	Karachi (Manora)	+ 3	+ 3	6.5	+ 1.0	6.5	8
	Karachi (Air Port)	—	—	11.3	—	11.6	—
	Badin	2	+ 1	4.6	— 1.7	4.8	9
	Nagarparkar	—	—	10.2	—	10.2	—
	Umarkot	—	—	12.8	—	13.6	—
	Hyderabad	+ 3	+ 2	7.7	+ 2.2	8.4	7
Khairpur	Pad-i-dan	—	—	5.8	—	6.1	—
	Nawabshah	—	—	4.1	—	4.8	—
	Sukkur	—	—	2.1	—	3.2	4
	Kashmore	—	—	0	—	0.1	—
	Jacobabad	+ 1	+ 3	3.7	+ 1.6	4.4	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						—
Arabia	Muscat						4
	Kuwait						—
	HILL STATIONS						
Kashmir	Srinagar						26
	Gulmarg						—
	Sonamarg						71
	Dras						26
	Leh						3
	Skardu						6
	Misgar						—
	Aliabad						—
	Gilgit						5
Rawalpindi	Murree	+ 1	+ 3	39.1	+ 8.3	64.5	59
Peshawar	Drosh	+ 7	+ 10	1.3	—	30.4	18
	Cherat	+ 1	+ 4	14.3	+ 4.1	24.3	29
	Kakul	—	—	37.9	—	47.6	—
	Landi Kotal	—	—	2.5	—	17.6	—
D.I. Khan	Parachinar	—	—	12.3	—	26.2	29
	Miranshah	—	—	—	—	—	13
	Wana	—	—		—	—	—
	Fort Sandeman	0	+ 6	5.9	+ 1.1	14.6	11
Quetta	Hindubagh	—	—	3.9	—	12.0	—
	Loralai	—	—	6.8	..	[illegible]	—
	Harnai	—	—	4.9	— 1.7	11.2	14
	Quetta	—	—	4.4	+ 3.5	10.0	8
	Chaman	+ 5	+ 4	0.1	0	6.3	7
Kalat	Kalat	+ 4	+ 9	4.0	+ 2.3	8.4	9
	Nushki	—	—	0.9	—	2.8	—
	Dalbandin	+ 2	+ 5	0.2	— 0.1	2.2	5
	Panjgur	+ 1	+ 9	1.5	—	3.1	4
Afghanistan	Kabul	—	—	—	—	—	12
	Kandahar						—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day.

Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 2nd SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C h_sh_s	O $T_sT_sT_dT_d$	Id-d PH
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Mozaffari	33 150	563 00	x 23 13	98 02 2	013 7x	xx x xx	64 40 0	...	0 00 72	1 xxxx
Velletia	33 224	647 00	8 25 12	98 02 2	006 79	74 4 00	74 40 0		0 54 76	1 25 21
Taihomaru	33 171	684 00	5 27 19	97 01 2	035 77	44 4 10	35 40 0		0 53 75	
Alfred	33 264	561 06	8 09 03	98 82 0	604 34	00 9 00	76 40 0	...	0 02 81	1 00 xx
Velletia	33 230	637 06	5 25 07	97 01 2	021 83	22 5 3x	74 10 4		0 54 74	1 25 21
Isofardas	33 188	579 06	5 21 10	96 01 2	095 73	35 x x7	55 20 5		0 51 70	1 21 x1
City of Coventry	33 186	575 06	0 23 13	98 01 1	048 76	00 9 00	55 11 8	...	0 01 75	1 23 25
Bethanbee	33 174	565 06	0 21 10	98 02 0	029 72	02 9 22	00 90 0	...	0 05 72	1 21 21
Isofardas	33 279	567 12	0 22 10	97 02 0	062 73	00 9 00	75 61 3	...	0 05 70	1 22 x1
City of Coventry	33 178	571 12	0 21 13	98 02 0	001 73	00 9 00	55 61 3	...	0 02 72	1 21 77
Santhur	33 233	677 18	8 25 00	98 81 8	001 84	89 5 xx	75 10 9	...	1 24 75	1 24 22
Prassimet	33 265	531 18	0 00 00	97 02 0	974 88	00 9 00	65 21 0	...	0 56 82	1 00 x0

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTT$T_d$$T_d$$T_d$	1000 mb (HHHTTT $T_dT_dT_d$)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb (HHHTTT)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	900 285 260	...	...	400 172 148	...	070 095 065	339 042 008	805 539 568	...		..	...	...
Jiwani ...														
Karachi ...	00 00	995 278 265		..	380 221 992		044 120 990	326 062 992	783 548 995	516 628 995	966 758	240 975	432 123	726 105
Lahore ...	00 00	...	Misda	..		...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 195 175	800 155 118	...	...	...	...	...	...	...	800 155 118	...	..
Jiwani ...													
Karachi ...	00 00	..	...	...	...	...	-	...	...	...	726 105 272	...	...
Lahore ...	00 00	...	Misda	...	...	...	...	...	...	...	..	.	
Multan ...													
Peshawar ...													
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT; $T_dT_dT_d$: Dry Bulb; Dew Point temperatures (in tenths of °C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	No	Ascent				...		...	...
Chilas ...		21 03	24 05	25 05	27 03	05 05	04 11	36 11	34 11
Chhor ...	No	Ascent	...	...		...	—	...	...
Chittagong ...	18 17	16 16	...		...	...		...	...
Cox's Bazar ...	No	Ascent			...		...	...	...
Dacca ...	14 17	14 17	14 20	14 26	14 26	14 18	11 17	...	
Dalbandin ...	.	...	16 01	12 04	10 07	02 05	13 07	15 01	36 07
D. I. Khan ...	...	..	...		...				
Drosh ...	...		...		23 19	22 11	19 26	20 25	19 30
Fort Sandeman ...	...		...	01 03	04 02	36 03	33 16	36 17	02 10
Jacobabad ...	14 07	18 03	21 02	10 05	08 10	04 2	04 21	01 21	...
Jessore ...	14 13	15 19	15 19	14 18	...		...		
Jhelum ...	20 01	25 04	26 03	01 03	32 05	36 04	04 09	33 09	33 10
Jiwani ...	23 01	24 07	24 10	...				...	...
Karachi ...	27 14	27 12	03 04	04 08	05 08	04 17	04 18		...
Khanpur ...	05 03	09 04	09 04	12 05	10 08	05 15	06 13	09 05	05 08
Lahore ...	03 02	35 02	34 04	27 03	31 08	34 07	36 04	26 08	22 05
Multan ...	08 04	11 03	13 07	12 08	13 03	36 12	36 15		...
Muscat ...	—	—	...	...		...	...	...	...
Panjgur ...	—								...
Peshawar ...	...	05 05	14 03	22 04	24 03	03 38	32 07	01 06	01 10
Quetta ...	—	...	—	...	29 06	35 05	36 07	04 15	
Sharjah ...									
Sylhet ...	21 01	20 03	10 04	10 10	11 10	12 09	12 17	12 14	09 11
Veraval ...	—	...	...		—	...	...	—	

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	12 13	12 17	12 17	12 16	13 16	12 17
Chilas ...						
Chhor ...	06 04	04 05	08 08	08 13	07 19	08 21
Chittagong ...	14 13	15 03	17 28	...		...
Cox's Bazar ...	No	Ascent				
Dacca ...	14 12	14 12	14 13	13 13	13 18	15 15
Dalbandin ...	...		34 04	30 02	24 06	23 06
D. I. Khan ...	...					
Drosh ...	...			24 02	23 03	14 07
Fort Sandeman ...				30 01	23 02	31 15
Jacobabad ...	17 06	15 04	10 05	07 06	05 05	04 11
Jessore ...	No	Ascent				
Jhelum ...	05 04	11 08	14 05	30 02	33 06	05 03
Jiwani ...	25 10	27 06	27 04			
Karachi ...	30 15	30 10	35 12	02 12	06 16	07 20
Khanpur ...	23 14	26 15	22 10	22 12		
Lahore ...	15 09	17 08	16 05	23 03	28 04	
Multan ...	22 11	22 09	13 01	23 03	26 06	02 06
Muscat ...	—	...			...	...
Panjgur ...	...					
Peshawar ...		33 04	30 05	24 05	21 04	18 13
Quetta ...		...	...		14 03	31 17
Sharjah ...						
Sylhet ...	12 00	19 06	17 03	14 07	...	...
Veraval ...	...	...				...

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	11 13	11 16	11 18	12 26	...	—	...	...	...	—	—
Chilas ...	—			—	...		—	...	...	—	—
Chhor ...					...			...	...	—	—
Chittagong ...	15 15	15 25	14 21	18 23		...		...	...	...	...
Cox's Bazar ...	16 17	15 19			...	—		...	...	...	...
Dacca ...	11 12	12 18	13 20	14 21			...				
Dalbandin ...	...	...	08 07	07 12	07 12	34 03	05 09	12 13	13 21	12 08	08 14
D. I. Khan ...	...			...					...	—	...
Drosh ...	...				22 09	21 09	18 08	18 05			...
Fort Sandeman ...				35 03	05 01	28 04	35 06				...
Jacobabad ...	12 03	14 04	14 04	10 05	04 06	05 15	10 06	09 04	10 06	..	—
Jessore ...	No	Ascent						—	...	..	...
Jhelum ...	11 05	12 06	13 08	08 02	35 02	15 06	19 06		—	...	
Jiwani ...	20 02	21 04	28 03	30 07	32 07	05 08		...	..	—	—
Karachi ...	20 09	28 08									
Khanpur ...	19 07	18 07	17 04	12 14	08 16	05 14	05 08	02 13	01 17	08 14	01 17
Lahore ...	15 04	17 13	15 12	16 06	14 06	04 06	02 02	28 07	23 19	05 11	30 15
Multan ...	23 03	21 06	19 06	17 06	16 05	—	—	—		—	—
Muscat ...			...			...	...	...	...	...	...
Panjgur ...		..	...	...			...		.	...	—
Peshawar ...	...	...	...	...						...	
Quetta ...		...	—	—	23 02	02 08	02 07	04 07	02 03	22 10	23 09
Sharjah ...											
Sylhet ...	15 02	19 03	22 01	09 09	10 10	11 16	15 08	06 06	01 04	...	...
Veraval ...	..	...		—	...		—	—	...		

* The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	13 12	16 08	16 06	14 11	11 12	12 13	14 13	17 10	14 10	10 16	09 14	09 10	07 21	07 19				...
Karachi ...	29 16	35 12	01 11	01 12	05 16	06 21	07 27	08 27	08 22	10 22	06 12	17 15	07 12	07 27	07 25	07 29	07 19	...
Peshawar ...	..	...	..	...	...	...	...	.	..	...	.	...	..	...	...		..	...
Quetta ...																		

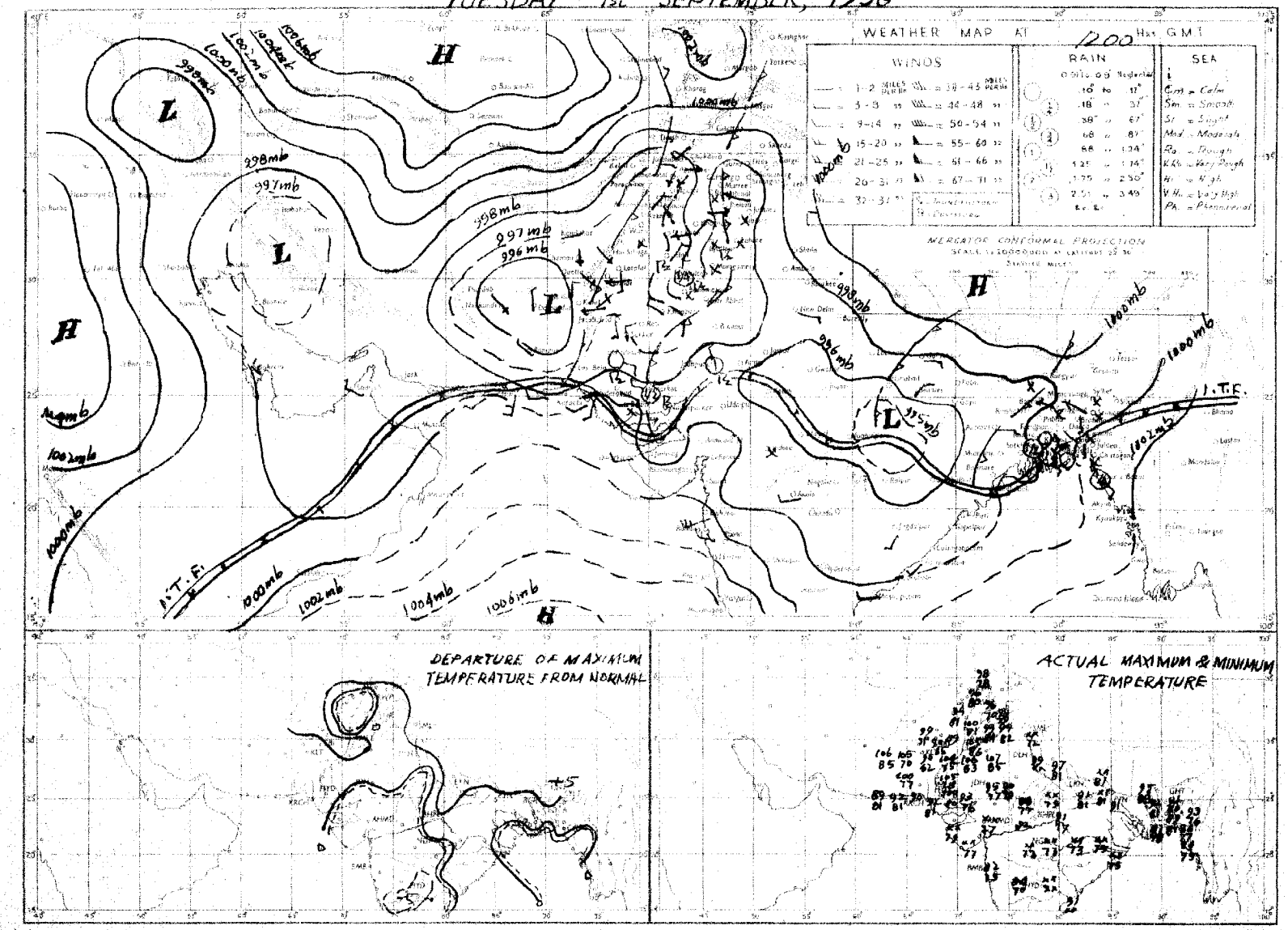
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

TUESDAY 1st SEPTEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 9 hours.

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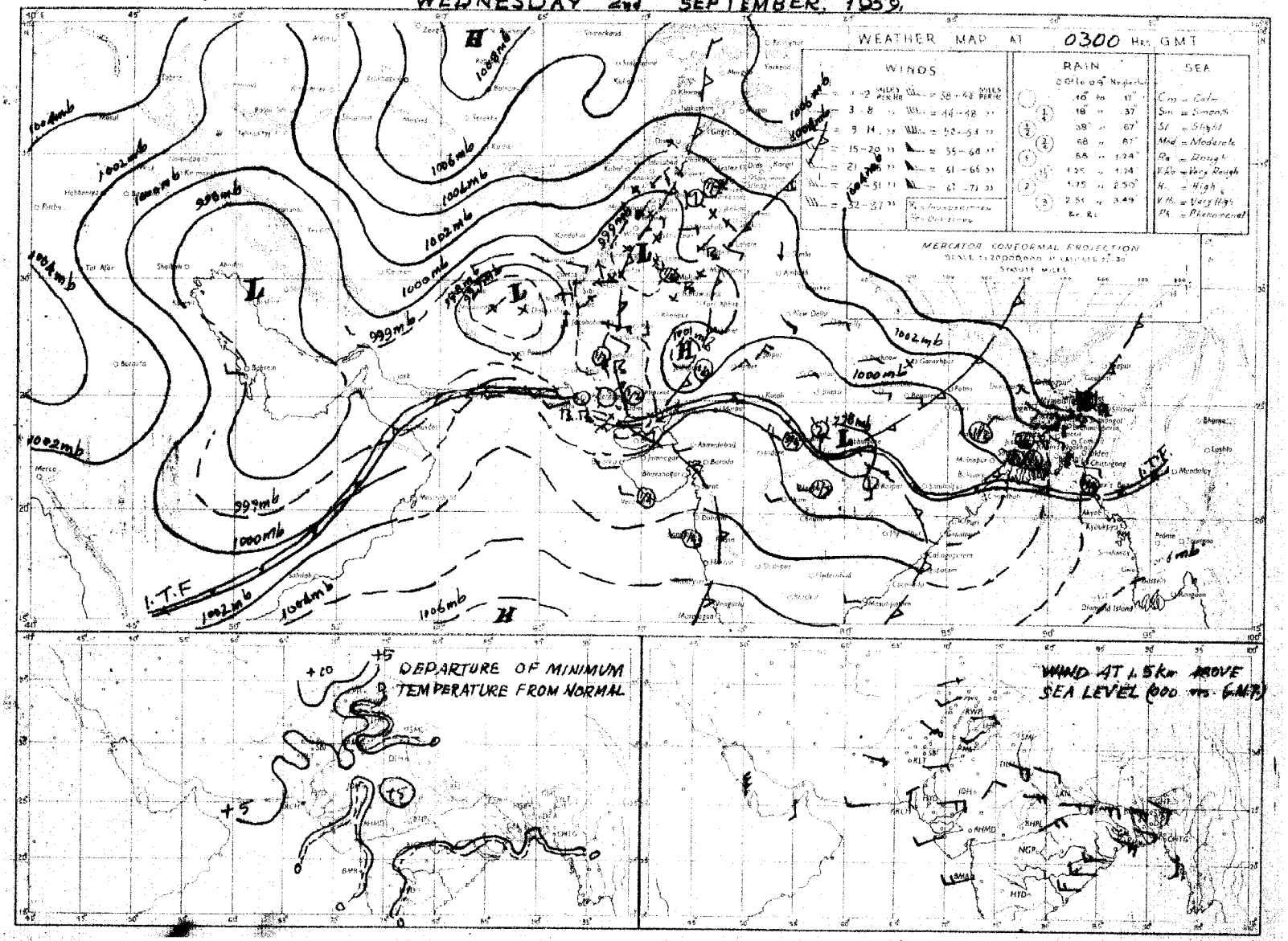
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 2nd SEPTEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

THURSDAY THE 3rd SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Axis of the monsoon trough extends from Madhya Bharat to north Bay of Bengal.

Fairly widespread rain/thundershowers have occurred in Chittagong division and local in Dacca and Rajshahi divisions.

Yesterday's low pressure wave is now moving across Rawalpindi division.

The trough of low now persists over Hyderabad division.

Local thunderstorms/showers have occurred in Peshawar division, scattered in Lahore, Rawalpindi, Multan and Bahawalpur divisions and scattered dust/thunderstorms in D. I. Khan and Khairpur divisions.

Chief amounts of rainfall are: Khulna, ½"; For Abbas 1", Maijdee Court 3/4"; Cox's Bazar, Barisal and Satkhira ¼" each and Sylhet, Faridpur, Jessore and Hafizabad ¼" each.

Day temperatures were 3—8°F below normal in Lahore, Rawalpindi and adjoining Peshawar divisions and 3—8°F above normal in Bahawalpur, Quetta, Kalat, Hyderabad divisions and the Federal Capital Area.

Forecast valid until the evening of 4th September, 1959. Fairly widespread rain/thundershowers will occur in Chittagong division local in Dacca, Rajshahi, Lahore, Rawalpindi, Peshawar divisions and Kashmir and scattered in D. I. Khan, Khairpur, Hyderabad divisions and the Federal Capital Area.

Karachi-11
The 3rd September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 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)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	018	6	5	16	05	96	02	6	019	80	3	0	9	4	4	76	87
	Chittagong	000	0	5	10	09	97	02	1	009	82	3	3	5	2	0	79	89
	Maijdee Court	000	9	4	13	09	97	02	1	998	83	2	2	7	2	0	77	87
	Comilla	000	0	3	00	00	96	03	0	999	85	3	4	7	0	0	78	91
	Brahmanbaria	008	0	8	18	02	96	60	1	003	80	8	4	5	x	x	79	91
	Sylhet	00?	0	2	03	03	97	02	0	993	87	1	2	6	6	0	79	91
	Srimangal	000	0	2	00	00	97	03	0	998	86	2	4	5	0	0	81	93
Dacca	Mymensingh	000	0	4	13	02	99	02	1	000	88	2	2	5	0	4	77	90
	Narayanganj	000	9	2	11	03	96	03	0	994	85	1	1	6	0	8	77	90
	Dacca (Tezgaon)	000	9	4	13	07	98	03	1	984	85	3	3	4	0	-	77	89
	Faridpur	011	3	6	16	03	96	02	6	992	84	5	4	7	1	0	78	87
	Barisal	030	4	4	18	02	97	03	6	999	83	4	0	8	6	0	79	87
Rajshahi	Khulna	053	5	3	13	05	97	01	6	987	83	3	5	7	0	0	77	86
	Satkhira	326	0	5	00	00	95	03	6	984	81	5	6	8	0	0	79	88
	Jessore	018	5	4	09	09	96	02	6	990	84	2	4	6	6	0	80	87
	Sirajganj	000	0	1	13	07	98	01	1	977	86	1	1	5	0	0	77	90
	Bogra	000	0	3	13	02	96	01	1	989	87	1	1	6	0	4	78	91
	Dinajpur	000	8	3	00	00	96	01	1	984	88	3	5	7	0	0	77	95
	Rangpur	000	0	5	13	02	96	01	2	xxx	88	3	6	6	0	1	77	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	7	00	00	96	02	2	977	91	1	5	7	4	6	75	92
	Sialkot	000	3	7	00	00	97	02	1	973	89	7	5	6	0	0	80	91
Rawalpindi	Jhelum	000	4	8	23	02	97	17	9	987	82	4	9	6	2	x	76	95
	Rawalpindi	000	0	7	18	02	98	03	5	975	82	7	5	7	0	0	76	92
	Khushab	000	0	4	05	03	95	05	1	992	81	2	4	6	0	0	74	87
Multan	Lyallpur	000	0	7	09	02	95	17	9	965	87	7	7	8	0	0	74	96
	Montgomery	000	0	8	13	03	96	03	2	980	80	8	4	7	x	x	74	00
	Multan	000	0	8	09	05	96	07	1	960	94	3	9	6	0	3	79	04
Bahawalpur	Leiah	000	0	5	00	00	95	05	0	959	97	5	0	8	5	0	74	03
	Khanpur	000	0	6	20	07	94	07	0	954	03	6	0	9	6	0	83	07
	Bahawalpur	000	0	7	02	02	98	03	0	958	00	7	0	8	8	0	73	06
	Fort Abbas	000	1	8	31	05	98	60	6	975	80	8	7	5	x	x	79	04
Peshawar	Chakdara	000	0	5	27	02	98	01	1	943	89	5	1	7	0	0	84	91
	Peshawar	000	0	7	05	03	97	02	1	976	87	5	3	6	2	1	74	89
	Haripur	017	4	6	23	03	97	03	6	956	xx	0	0	9	0	6	71	91
	Campbellpur	000	6	8	18	03	97	15	9	997	66	8	3	8	x	x	80	93
D. I. Khan	Bannu	000	0	7	16	02	96	09	2	955	96	7	3	6	0	0	75	xx
	D. I. Khan	000	6	3	00	00	98	03	0	947	01	3	0	9	3	0	83	02
Quetta	Sibi	000	2	5	13	03	98	03	1	948	06	2	2	5	0	2	68	07
Kalat	Nokkundi	000	0	8	34	02	98	02	0	917	08	0	0	9	0	0	33	10
	Turbat	000	0	0	27	05	95	00	8	956	07	0	0	9	0	0	74	08
	Jiwani	000	0	7	23	09	96	03	1	981	85	7	0	9	3	0	76	90
	Pasni	000	0	7	25	21	97	02	2	969	86	7	0	9	5	0	83	93
	Ormara	000	0	6	27	12	98	02	1	965	86	6	2	5	0	0	77	89
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	6	25	10	97	03	1	975	85	4	0	9	8	1	81	89
	Karachi (Air Port)	000	0	7	23	09	96	02	2	968	89	4	2	6	5	1	79	92
	Badin	000	0	0	23	02	97	02	0	958	95	0	0	9	0	0	77	97
	Nagarparkar	000	0	4	00	00	96	01	2	951	91	4	7	7	0	0	72	93
	Umarkot	000	0	6	13	07	98	02	1	957	93	5	2	6	0	2	79	94
	Hyderabad	000	0	3	00	00	97	01	0	965	94	1	5	6	0	8	76	99
Khairpur	Pad-i-dan	000	8	3	20	02	97	17	1	959	00	3	3	6	0	0	78	01
	Nawabshah	000	0	4	18	05	96	03	1	969	97	3	1	6	2	0	74	00
	Sukkur	000	8	6	29	05	96	03	1	953	02	6	0	9	6	0	79	04
	Kashmore	000	0	6	27	01	99	02	1	940	03	6	1	6	0	0	71	04
	Jacobabad	000	0	5	18	03	96	03	0	955	00	1	3	7	3	0	74	03
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	004	4	7	00	00	97	02	6	429	66	7	5	4	0	0	60	67
Peshawar	Drosh	000	8	5	23	12	97	03	1	382	93	4	2	7	3	0	58	95
	Cherat	000	4	8	18	01	92	47	6	424	74	8	5	6	x	x	73	81
	Kakul	015	1	7	18	05	97	05	6	420	74	3	5	6	3	0	69	81
	Landi Kotal	000	0	2	05	03	98	01	1	411	81	1	2	7	0	0	70	86
D.I. Khan	Parachinar	000	0	5	13	02	99	02	1	796	82	5	0	9	1	0	65	xx
	Miranshah	000	0	4	05	05	99	02	1	391	91	0	0	9	0	4	68	94
	Wana	000	0	3	09	11	98	10	3	403	86	3	0	9	6	0	61	93
	Fort Sandeman	000	0	3	06	03	97	03	0	405	96	0	0	9	0	6	62	99
Quetta	Hindubagh	000	0	0	34	03	98	00	0	350	96	0	0	9	0	0	55	06
	Loralai	000	9	4	18	10	97	03	0	396	87	2	0	5	0	2	63	91
	Harnai	000	3	5	02	02	98	02	1	xxx	xx	4	1	5	3	4	xx	xx
	Quetta	000	0	0	00	00	96	00	0	409	90	0	0	9	0	0	74	95
	Chaman	000	0	0	27	02	98	02	0	398	01	0	0	9	0	0	33	02
Kalat	Kalat	000	0	1	05	02	98	01	1	395	87	1	1	7	0	0	40	91
	Nushki	000	0	0	31	05	98	02	0	472	85	0	0	9	0	0	52	06
	Dalbandin	000	0	0	16	02	96	02	0	412	06	0	0	9	0	0	54	07
	Panjgur	000	0	4	00	00	96	03	0	433	98	4	0	9	4	0	29	01
Afghanistan	Kabul																	
	Kandahar																	

At 0300 Hrs. G.M.T. of date (columns 20–36)

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	052	9	7	16	03	96	02	6	048	80	5	4	6	1	2	79	76
Chittagong	000	9	7	13	09	97	02	2	051	84	5	2	8	2	0	78	78
Maijdee Court	070	8	7	00	00	99	21	6	040	79	5	5	5	2	0	78	78
Comilla	010	0	7	18	06	97	03	6	045	83	7	4	5	0	0	78	78
Brahmanbaria	010	0	6	13	05	97	03	6	xxx	xx	x	x	x	x	x	xx	xx
Sylhet	033	8	5	05	05	95	61	9	059	78	5	5	5	4	0	77	77
Srimangal	000	0	8	00	00	97	03	2	058	81	8	4	5	x	x	77	77
Mymensingh	000	0	8	13	05	98	02	2	050	83	8	4	5	x	x	79	80
Narayanganj	000	9	8	09	05	96	03	2	037	85	8	4	4	x	x	78	81
Dacca (Tezgaon)	000	9	7	13	09	97	02	1	032	83	7	8	4	0	0	77	81
Faridpur	023	9	7	16	03	92	xx	x	019	84	4	5	7	1	0	79	77
Barisal	045	4	6	13	01	97	03	6	xxx	xx	6	6	5	0	0	xx	79
Khulna	146	0	8	13	03	96	03	6	025	83	8	5	6	x	x	77	79
Satkhira	038	0	8	00	00	95	61	6	025	81	x	x	x	x	x	80	77
Jessore	021	9	8	09	03	96	03	6	022	83	8	4	5	x	x	80	79
Sirajganj	000	0	8	09	05	98	01	2	029	84	8	2	5	x	x	78	xx
Bogra	004	2	7	09	03	96	03	6	034	82	6	5	5	2	0	79	80
Dinajpur	000	0	4	13	02	96	01	0	030	87	4	0	9	2	0	79	81
Rangpur	000	0	4	13	02	96	03	0	xxx	85	2	6	6	1	0	76	80
Jammu																	
Lahore (Jail Rd.)	000	1	2	09	02	96	01	1	011	85	1	8	7	3	1	78	80
Sialkot	000	2	8	13	03	97	02	2	012	81	8	7	6	x	x	77	81
Jhelum	001	9	2	09	02	99	01	9	005	86	1	1	7	0	1	77	79
Rawalpindi	000	0	4	27	02	99	01	2	013	81	2	0	9	7	9	77	77
Khushab	000	0	4	09	02	96	03	1	004	86	4	2	7	0	0	79	78
Lyallpur	000	0	0	00	00	96	02	9	991	82	0	0	9	0	0	78	80
Montgomery	000	0	0	00	00	96	03	0	001	84	0	0	9	0	0	78	78
Multan	000	0	2	05	02	97	02	1	995	86	0	0	9	0	1	80	83
Leiah	000	0	2	00	00	95	08	0	981	89	0	0	9	0	1	81	83
Khanpur	000	0	0	25	03	96	03	0	985	91	0	0	9	0	0	84	85
Bahawalpur	000	9	1	00	00	97	02	6	997	86	0	0	9	0	1	58	76
Fort Abbas	095	0	3	13	03	98	02	0	xxx	xx	x	x	x	x	x	79	77
Chakdara	013	3	8	00	00	96	03	6	005	78	8	6	7	x	x	70	70
Peshawar	000	0	7	31	05	97	02	1	008	81	7	9	5	0	0	77	78
Haripur	017	0	7	23	04	97	03	1	993	79	7	0	9	7	0	69	73
Campbellpur	000	0	6	09	02	97	03	1	003	84	6	1	7	0	0	77	79
Bannu	000	0	7	00	00	98	02	0	993	83	7	5	6	0	0	73	80
D. I. Khan	000	2	1	00	00	98	01	1	994	87	0	0	9	0	1	79	80
Sibi	000	0	0	13	02	99	00	0	983	89	0	0	9	0	0	75	80
Nokkundi	000	0	0	05	02	98	02	0	970	86	0	0	9	0	0	32	79
Turbat	000	0	0	18	01	95	00	0	980	84	0	0	9	0	0	77	xx
Jiwani	000	3	7	00	00	96	02	2	992	82	3	5	5	1	0	77	80
Pasni																	
Ormara	000	0	0	27	03	98	00	0	993	84	0	0	9	0	0	77	80
Las Bela																	
Karachi (Manora)	000	0	3	25	05	97	02	0	000	84	3	6	4	0	0	80	81
Karachi (Air Port)	000	0	6	27	07	97	03	1	999	83	6	5	5	0	0	80	81
Badin	000	1	8	23	02	95	03	2	997	84	8	8	7	x	x	80	79
Nagarparkar	000	0	4	00	00	96	02	1	977	82	4	6	7	0	0	65	77
Umarkot	000	0	4	13	03	98	02	1	992	83	4	0	9	4	0	80	79
Hyderabad	000	0	2	00	00	97	01	0	989	85	0	0	9	0	1	81	80
Pad-i-dan	000	9	1	16	07	97	01	9	991	87	0	0	9	0	1	79	82
Nawabshah	000	0	3	00	00	97	03	0	000	89	1	3	6	0	1	81	83
Sukkur	000	9	3	23	02	96	01	1	976	87	0	0	9	0	3	80	85
Kashmore	000	0	0	00	00	99	00	0	990	90	0	0	9	0	0	69	83
Jacobabad	000	0	0	18	05	96	02	0	990	90	0	0	9	0	1	82	87
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	004	9	4	31	02	98	01	1	446	66	2	5	2	8	0	55	59
Drosh	000	9	5	00	00	97	03	1	423	81	5	8	6	0	0	63	77
Cherat	000	0	4	23	01	98	03	0	450	72	3	2	6	1	0	70	69
Kakul	015	9	3	11	02	98	01	6	444	75	2	3	6	6	1	66	67
Landi Kotal	000	0	7	00	00	98	03	1	437	75	x	x	x	x	x	69	xx
Parachinar	000	0	2	09	01	99	02	0	797	68	0	0	9	0	1	64	xx
Miranshah	000	0	4	00	00	98	02	1	441	82	4	0	9	4	0	67	76
Wana	000	0	4	00	00	97	10	6	413	76	4	0	9	4	0	66	xx
Fort Sandeman	000	0	0	02	03	97	02	0	447	79	0	0	9	0	0	69	76
Hindubagh	000	0	0	09	02	98	00	0	480	72	0	0	9	0	0	58	71
Loralai	000	9	3	05	03	98	01	0	427	77	0	0	9	0	2	66	67
Harnai	000	0	0	09	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	000	0	0	18	02	95	00	0	420	75	0	0	9	0	0	65	66
Chaman	000	0	0	18	03	98	02	8	427	83	0	0	9	0	0	40	72
Kalat	000	0	1	16	05	97	02	1	431	73	0	0	9	0	1	55	62
Nushki	000	0	0	09	02	98	02	0	470	89	0	0	9	0	0	59	82
Dalbandin	000	0	0	27	02	96	02	0	413	78	0	0	9	0	0	45	73
Panjgur	000	0	0	00	00	98	00	0	435	78	0	0	9	0	0	69	77
Kabul																	
Kandahar																	

Departure from Normal of (37–38); Rainfall (39–42)

Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	+ 1	0	100.6	+ 4.1	116.5	140
Chittagong	+ 2	+ 2	80.8	+14.1	113.7	108
Maijdee Court	+ 1	0	—	—	—	115
Comilla	+ 3	+ 2	—	—	—	94
Brahmanbaria	—	—	36.0	—	62.0	76
Sylhet	—	—	110.9	—	149.0	—
Srimangal	+ 3	+ 2	55.8	+ 7.3	88.8	98
Mymensingh	+ 2	+ 2	62.7	+12.3	84.8	91
Narayanganj	+ 2	+ 2	43.2	+ 4.4	63.5	74
Dacca (Tezgaon)	—	—	43.3	—	59.3	—
Faridpur	— 1	— 1	40.8	— 6.7	69.2	71
Barisal	0	—	—	—	—	81
Khulna	— 2	+ 1	48.3	+ 6.7	69.2	68
Satkhira	— 1	— 1	36.9	— 1.4	55.1	65
Jessore	—	—	36.4	— 0.1	72.2	65
Sirajganj	+ 2	—	47.8	+11.2	72.6	64
Bogra	+ 2	+ 2	47.3	+ 7.2	66.3	69
Dinajpur	+ 6	+ 3	28.7	— 5.6	46.1	72
Rangpur	+ 1	+ 3	46.0	— 3.4	65.8	84
Jammu						—
Lahore (Jail Rd.)	— 5	+ 4	20.0	+ 7.3	23.8	19
Sialkot	— 3	+ 4	38.9	+18.3	45.0	32
Jhelum	—	—	32.3	—	42.5	—
Rawalpindi	— 1	+ 4	29.3	+ 9.1	42.3	36
Khushab	— 12	— 1	12.8	+ 3.7	18.3	15
Lyallpur	— 1	+ 2	10.6	+ 2.6	13.3	12
Montgomery	— 1	— 2	3.9	— 2.3	6.3	10
Multan	+ 6	+ 2	5.2	+ 0.7	7.3	7
Leiah	—	—	3.9	—	5.8	8
Khanpur	+ 4	+ 6	0.3	— 4.6	1.2	6
Bahawalpur	+ 5	— 2	5.4	+ 1.3	6.5	6
Fort Abbas	—	—	4.8	—	5.1	4
Chakdara	—	—	5.9	—	21.5	—
Peshawar	— 8	+ 2	6.4	+ 2.7	19.3	14
Haripur	—	—	14.5	—	25.4	—
Campbellpur	—	—	16.0	—	29.9	—
Bannu	—	—	10.0	—	16.9	11
D. I. Khan	+ 1	+ 1	9.8	+ 4.9	13.5	10
Sibi	—	—	3.1	—	3.4	5
Nokkundi	—	—	0	—	1.1	2
Turbat	—	—	2.3	—	6.7	—
Jiwani	—	—	0.1	—	5.7	4
Pasni	+ 5	—				6
Ormara	—	—	0.2	— 0.6	2.1	6
Las Bela						8
Karachi (Manora)	+ 3	+ 3	6.5	+ 1.0	6.5	8
Karachi (Air Port)	—	—	11.3	—	11.6	—
Badin	+ 4	+ 1	4.6	— 1.7	4.8	9
Nagarparkar	—	—	10.1	—	10.1	—
Umarkot	—	—	12.7	—	13.6	—
Hyderabad	+ 2	+ 5	7.7	+ 2.2	8.4	7
Pad-i-dan	—	—	5.8	—	6.1	—
Nawabshah	—	—	4.1	—	4.8	—
Sukkur	—	—	2.1	—	3.1	4
Kashmore	—	—	0	—	0.1	—
Jacobabad	0	+ 7	3.7	+ 1.6	4.4	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
HILL STATIONS						
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						26
Leh						3
Skardu						6
Misgar						—
Aliabad						—
Gilgit						5
Murree	— 2	+ 3	39.1	+ 8.0	64.5	59
Drosh	+ 4	+ 9	1.3	—	30.4	18
Cherat	— 4	+ 1	14.3	+ 4.0	24.3	29
Kakul	—	—	38.1	—	47.8	—
Landi Kotal	—	—	2.5	—	17.5	
Parachinar	—	—	17.3	—	26.2	29
Miranshah	—	—	—	—	—	13
Wana	—	—	—	—	—	—
Fort Sandeman	+ 3	+ 6	5.9	+ 1.1	14.6	11
Hindubagh	—	—	3.9	—	12.0	—
Loralai	—	—	6.8	—	12.6	—
Harnai	—	—	4.9	— 1.8	11.2	14
Quetta	—	—	4.4	—	10.8	8
Chaman	+ 8	+ 5	0.1	0	6.3	7
Kalat	+ 5	+ 9	4.0	+ 2.9	8.4	9
Nushki	—	—	0.9	—	2.8	—
Dalbandin	+ 4	+ 8	0.2	— 0.1	2.2	5
Panjgur	+ 2	+ 9	1.5	—	3.1	4
Kabul						12
Kandahar						—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T of the same day.

Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 3rd SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch h_s	O $T_sT_sT_dT_d$	Id_wd_w PH
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Caltex Rotterdam	43 192	584 00	8 22 16	97 02 1	010 73	67 3 2x			0 80 72	1 22 22
Valletta	43 244	601 00	1 25 04	98 02 0	995 81	15 4 00	74 30 1		0 52 78	1 25 20
Strableden	43 157	566 00	0 23 24	98 02 0	035 76	00 9 00	26 70 2		0 52 73	1 23 44
City of Manchester	43 239	671 06	8 27 08	98 15 2	007 84	80 9 2x	35 40 0		0 51 78	1 27 43
Caltex Rotterdam	43 188	581 06	1 22 15	97 01 1	030 73	00 9 03			0 51 72	1 22 22
Joseph	43 237	591 06	8 08 09	98 02 1	010 85	xx x xx	36 21 0		0 54 82	1 15 23
Caltex Endhoven	43 212	596 06	8 22 13	98 02 2	020 77	88 4 xx	16 20 9		0 54 73	1 22 22
Isocardia	43 157	525 06	8 20 15	97 02 2	010 79	xx x xx	55 20 5		0 09 75	1 20 xx
Valletta	43 248	589 06	2 35 03	99 02 0	014 87	21 6 00	74 22 0		0 51 80	1 21 42
City of Coventry	43 154	524 06	8 21 13	98 02 2	047 78	85 4 xx	55 12 0		0 02 75	1 21 25
Bagdad	43 219	578 09	5 12 08	98 02 1	995 86	12 5 08	34 60 5		0 52 81	1 12 21
City of Manchester	43 226	682 12	7 27 09	98 01 8	998 80	25 5 93	35 70 6		0 51 78	1 27 43
City of Coventry	43 152	518 12	3 20 13	97 02 1	008 80	33 5 00	55 71 0		9 04 73	1 20 36
Udomaru	43 122	618 12	8 27 15	98 02 2	000 68	87 5 xx	35 40 0			1 21 34
Caltex Rotterdam	43 182	575 12	1 21 20	97 01 0	010 75	00 9 03			0 02 72	1 21 33
Caltex The Hague	43 215	517 12	8 22 16	97 25 3	980 79	57 2 26			0 53 75	1 23 -2
Isocardia	43 150	511 12	2 20 08	97 01 4	080 84	00 9 04	55 72 6		0 10 79	1 20 x1
Bagdad	43 231	594 21	8 00 00	99 02 2	975 84	xx x xx	34 60 5		0 52 81	1 00 x0

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface $PPPTTTT_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	000 285 252	008 285 252	...	400 195 165	...	088 118 045	364 052 002	843 532 578	585 625 675	970 752	252 975	436 120	...
Jiwani														
Karachi	00 00	995 272 262	---	--	400 252 192		102 195 082	414 135 002	923 068 588	719 508 999	998 618	..	--	--
Lahore	00 00	977 270 250	005 xxxxxx	..	431 198 192	...	065 105 999	---	...		---	---	---	---
Multan														
Peshawar	23 00	959 265 238		---	400 205 205	...	064 132 122	345 060 510	809 522 642	547 618 999	969 760	250 958	439 050	---
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	900 215 178	800 182 125	535 002 545	350 685 738	307 768 878	...	...	...	...	3:7 768 878	--	..
Jiwani													
Karachi	00 00	900 265 228	800 235 152	350 548 702	--	--		...	--	--	350 548 702	--	--
Lahore	00 00	900 238 212	800 158 979	685 098 999	--		...	--	...	--	685 098 999	--	--
Multan													
Peshawar	23 00	900 230 230	800 172 172	350 685 999	250 850 999	142 060 999	...	...	...	...	142 060 999	...	..
Quetta													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)
St:—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	13 15	13 16	13 17	13 22	12 15	12 14	10 10	18 08	11 10
Chaklala									
Chhor	15 07	13 07	10 08	09 15					
Chittagong	18 23	18 23	16 24	17 27					
Cox's Bazar	No	Ascent							
Dacca	15 17	15 15	14 21	14 26	14 21	14 26	14 15	18 13	11 15
Dalbandin			31 04	04 04	01 08	02 09	05 09	15 01	21 06
D. I. Khan									
Drosh					22 20	20 08	29 06		
Fort Sandeman				15 03	22 03	25 08	28 08		
Jacobabad	17 04	17 06	14 04	12 07	07 09	09 .8	36 13	33 05	35 05
Jessore	12 13	12 14	12 19						
Jhelum	17 15	15 14	15 13	11 02	10 05				
Jiwani	21 12	23 10	25 05	02 04	04 12	03 20			
Karachi	25 10	08 05	08 07						
Khanpur	28 06	27 07	21 06	20 09	19 09	05 06			
Lahore	09 04	10 04	11 02	17 03	29 02	32 06	25 07	28 05	28 05
Multan	21 05	22 04	21 01	16 01	25 04	34 12	31 11	30 06	
Muscat									
Panjgur									
Peshawar		01 08	05 08						
Quetta					32 05	34 04	35 08	36 06	01 03
Sharjah									
Sylhet	27 05	26 04	21 04	12 05	12 10	13 12	18 07	16 06	05 05
Veraval									

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	12 13	12 16	13 18	13 19	18 16	14 12
Chaklala						
Chhor	22 06	18 07	14 09	11 13	09 15	08 15
Chittagong	17 23	17 28	17 28			
Cox's Bazar	08 15	19 14	19 23	21 12		
Dacca	13 14	14 15	15 15	13 14		
Dalbandin			21 07	24 10	28 09	23 01
D. I. Khan						
Drosh				23 20	22 07	23 04
Fort Sandeman				10 03	22 11	28 11
Jacobabad	21 13	21 10	21 09	26 04	29 03	35 02
Jessore	08 07	10 09	12 10	13 11		
Jhelum	12 06	14 09	17 07	13 03	32 03	34 03
Jiwani	14 02	15 01				
Karachi	30 14	30 08	04 11	08 10		
Khanpur	21 10	23 12	25 12	25 15		
Lahore	15 10	16 12	14 07	32 03	34 06	30 06
Multan	17 06	18 18	20 13	20 09	26 04	34 05
Muscat						
Panjgur						
Peshawar						
Quetta					21 04	33 13
Sharjah						
Sylhet	No	Ascent				
Veraval						

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra											
Chaklala											
Chhor											
Chittagong	17 09	17 16	19 20								
Cox's Bazar	No	Ascent									
Dacca	14 19	14 24	14 21	14 21	16 15						
Dalbandin			07 01	19 03	33 02	29 06	25 03	36 08	33 04	34 05	31 07
D. I. Khan											
Drosh					22 17	30 07					
Fort Sandeman				32 02	24 03	30 10	26 05				
Jacobabad	18 05	20 07	20 05	20 03	03 02	01 11	29 02	35 06	09 04	16 04	
Jessore	12 10	15 09	16 08	15 12							
Jhelum	16 06	16 07	15 06								
Jiwani	16 03	17 03	27 03	30 04	33 06	04 15	07 18				
Karachi	28 12	31 09	03 06								
Khanpur	28 13	28 13	27 07	30 06	29 01	15 04	36 16	01 16			
Lahore	14 03	13 06	14 08	14 08	08 03	01 05	35 08	35 11	35 09	31 15	
Multan	20 03	22 04	20 06	22 08	20 05	35 04	35 12				
Muscat											
Panjgur											
Peshawar		10 02	06 03	12 03							
Quetta					23 03	31 10	32 17	32 16	36 04		
Sharjah											
Sylhet	06 05	16 06	15 05	14 07	14 08						
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	14.1	16.4	18.0	20.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	13 24	15 19	16 18	16 15	15 15	15 11	15 10	13 10	13 09	xx xx	12 12	10 13	09 21	06 29	10 18	--		
Karachi	29 12	30 12	36 08	01 09	05 15	08 20	07 27	07 23	07 19	07 25	07 21	07 17	--		...			
Peshawar		31 13	19 11	21 13	20 06	25 08	30 19	30 19	23 10	27 10	27 11	36 04	..	--	--			
Quetta																		

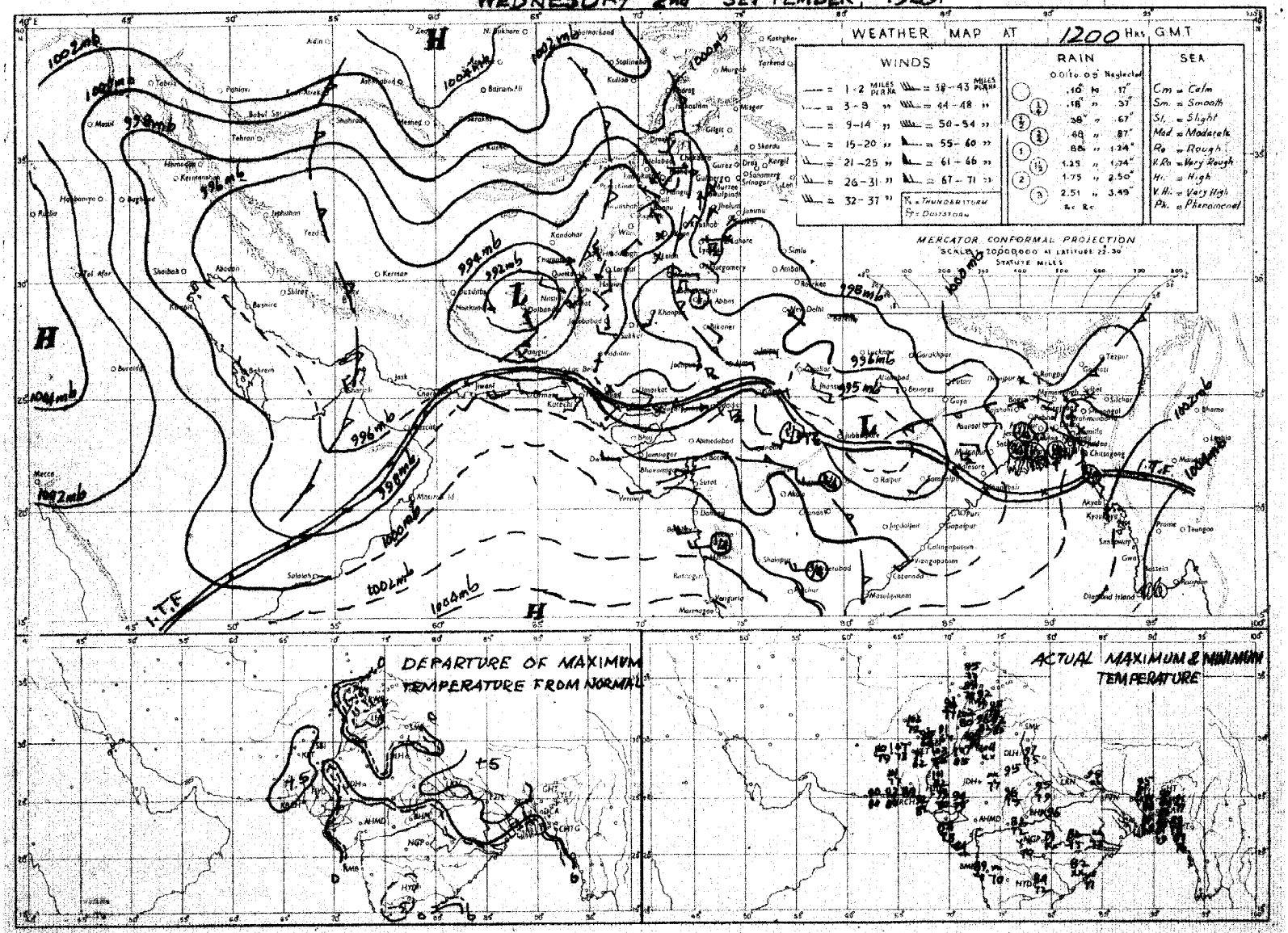
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

06 330 63 404

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 2nd SEPTEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

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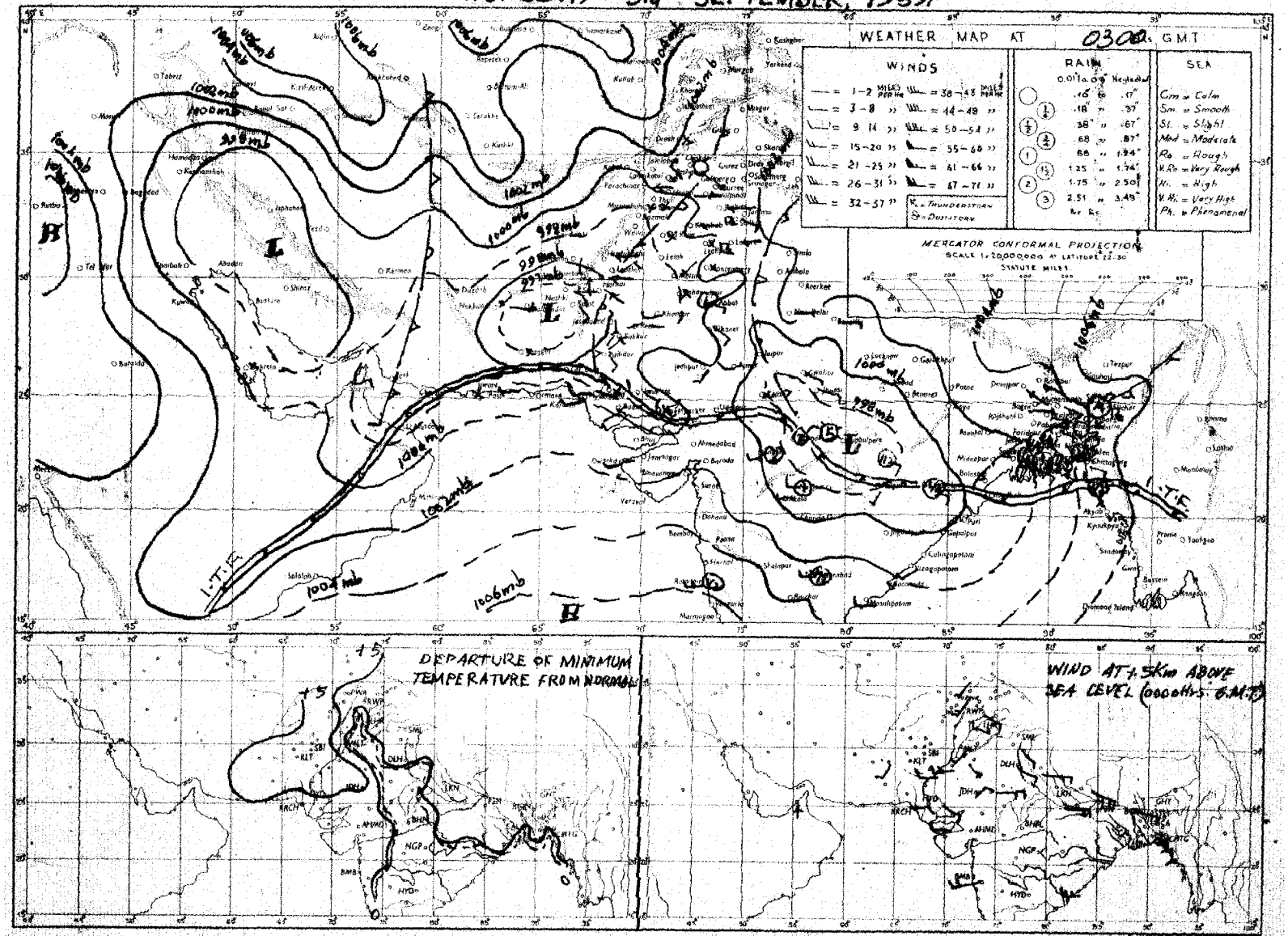
PAKISTAN DAILY WEATHER MAP

THURSDAY 3rd SEPTEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

FRIDAY THE 4th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave over Rawalpindi division is moving away across east Kashmir.

The trough of low over Hyderabad division persists.

Widespread rain/thundershowers have occurred in Lahore and Rawalpindi divisions, local in Peshawar division and scattered in Multan, Bahawalpur, Quetta and Hyderabad divisions.

A fresh low pressure wave is moving across Afghanistan.

Rain/thundershowers have been fairly widespread in Chittagong division, local in Dacca division and scattered in Rajshahi division.

Chief amounts of rainfall are: Sialkot 2"; Faridpur, Jhelum, Rawalpindi 1½" each; Leiah 3/4"; Maijdee Court, Sylhet, Lahore, Multan, Chakdara ½" each and Cox's Bazar, Chittagong, Barisal, Murree, Kakul and Umerkot ¼" each.

Day temperatures were 3—4°F below normal in Lahore, Rawalpindi and D. I. Khan divisions and 3—5°F above normal in Kalat division and the Federal Capital Area.

Forecast valid until the evening of 5th September, 1959. Fairly widespread rain/thundershowers will occur in Chittagong, Lahore, Rawalpindi, Peshawar divisions and Kashmir, local in Dacca, Rajshahi and Hyderabad divisions and scattered elsewhere over West Pakistan outside Kalat division.

Karachi-31
The 4th September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 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)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	017	0	5	16	05	96	02	6	021	82	3	2	7	5	2	78	82
	Chittagong	035	7	8	16	09	97	60	6	020	80	6	4	5	2	x	79	85
	Maijdee Court	025	8	5	18	05	96	03	6	012	83	3	6	6	6	0	76	86
	Comilla	000	0	5	18	09	96	03	0	006	85	5	4	5	0	0	78	90
	Brahmanbaria	000	0	6	18	02	97	03	1	007	86	2	4	5	9	5	79	89
	Sylhet	006	9	4	00	00	96	01	6	006	85	1	1	2	6	0	79	86
	Srimangal	000	0	6	00	00	97	03	0	008	84	3	3	5	0	2	78	89
Dacca	Mymensingh	000	0	6	13	02	99	02	1	006	86	0	0	9	0	8	79	88
	Narayanganj	000	9	8	13	03	96	03	2	007	86	2	4	4	0	8	79	68
	Dacca (Tezgaon)	000	7	7	18	07	98	02	5	994	85	4	8	5	0	.	77	87
	Faridpur	002	3	4	16	03	96	01	6	988	85	2	4	7	1	0	78	88
	Barisal	000	0	4	00	00	97	03	0	005	85	4	0	9	4	0	82	87
Rajshahi	Khulna	000	0	6	00	00	97	01	1	000	85	6	5	7	0	0	79	87
	Satkhira	005	0	6	00	00	95	03	6	993	82	6	6	8	0	0	79	90
	Jessore	000	0	6	18	05	95	02	2	994	87	4	4	5	6	0	80	69
	Sirajganj	000	0	2	00	00	98	03	0	976	85	2	1	6	0	0	78	88
	Bogra	000	1	8	13	03	96	60	2	999	84	4	5	5	0	4	60	88
	Dinajpur	000	8	6	09	02	96	01	2	996	87	0	0	9	0	9	70	91
	Rangpur	000	0	6	13	02	96	03	1	xxx	85	2	5	6	1	0	78	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	068	3	7	00	00	96	02	9	988	79	1	1	8	2	6	77	95
	Sialkot	190	8	2	00	00	98	01	6	984	86	1	0	9	3	4	81	87
Rawalpindi	Jhelum	150	4	3	00	00	97	01	9	982	68	1	1	7	3	8	78	90
	Rawalpindi	900	0	1	11	02	98	02	0	971	88	1	1	7	0	0	76	90
	Khushab	000	0	2	09	02	99	01	1	988	93	0	0	9	0	6	73	95
Multan	Lyallpur	000	0	6	07	02	96	02	0	964	97	6	0	9	5	0	77	97
	Montgomery	000	0	0	00	00	96	00	0	014	97	0	0	9		0	76	00
	Multan	000	0	3	09	03	97	02	0	956	00	1	1	6	0	1	82	03
Bahawalpur	Leiah	000	0	1	05	02	94	08	0	962	99	1	2	7	1	0	77	07
	Khanpur	000	0	7	18	05	95	05	0	969	93	7	7	7	0	0	82	03
	Bahawalpur	000	0	8	00	00	96	03	0	966	97	8	0	8	6	x	86	00
	Fort Abbas	000	0	8	20	03	97	50	5	978	66	8	0	9	4	x	76	99
Peshawar	Chakdara	000	0	1	27	02	99	01	1	983	90	1	1	7	0	0	79	92
	Peshawar	000	0	1	07	07	97	02	0	966	92	1	1	6	0	0	76	93
	Haripur	000	3	5	13	02	97	03	0	960	86	5	1	6	0	0	72	91
	Campbellpur	000	0	2	13	05	98	01	0	987	93	2	0	9	6	0	74	94
D. I. Khan	Bannu	000	0	2	13	01	99	01	1	949	94	2	1	7	0	0	70	03
	D. I. Khan	000	6	2	00	00	98	03	0	953	97	0	0	9	0	2	81	98
Quetta	Sibi	000	2	2	18	02	98	03	0	544	06	2	2	5	0	0	69	08
Kalat	Nokkundi	000	0	0	34	02	99	02	0	944	08	0	0	9	0	0	41	12
	Turbat	000	0	0	23	02	95	00	0	963	06	0	0	9	0	0	77	10
	Jiwani	000	0	5	18	05	97	02	1	980	87	3	6	4	2	0	76	89
	Pasni	000	0	4	27	07	98	01	0	96	89	4	0	9	4	(	76	92
	Ormara																	
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	3	25	10	97	02	1	972	87	0	0	9	0	4	79	91
	Karachi (Air Port)	000	0	4	25	12	97	01	1	970	87	1	2	6	0	1	79	93
	Badin	000	0	0	23	02	97	00	0	965	94	0	0	9	0	0	82	95
	Nagarparkar	000	0	2	00	00	97	01	1	964	90	2	0	9	4	0	81	92
	Umerkot	000	0	6	23	03	98	02	1	964	94	4	2	6	0	1	80	96
	Hyderabad	000	0	3	00	00	97	02	0	965	94	3	5	6	0	0	76	97
Khairpur	Pad-i-dan	000	0	2	18	07	97	03	0	958	99	1	1	6	0	1	77	00
	Nawabshah	000	0	4	18	07	97	03	0	968	98	2	2	6	3	0	75	00
	Sukkur	000	8	6	27	03	96	03	1	952	02	6	0	9	7	0	82	04
	Kashmore	000	0	8	18	01	99	17	0	962	99	8	1	4	x	x	77	03
	Jacobabad	000	0	4	18	07	97	03	0	953	02	1	1	7	0	8	75	04
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	020	6	7	27	02	98	02	6	431	67	7	3	3	0	0	69	68
Peshawar	Drosh	000	0	3	23	10	98	03	9	382	91	3	2	7	0	0	55	94
	Cherat	000	0	1	18	05	98	01	0	402	82	1	2	6	0	0	78	83
	Kakul	028	7	4	13	05	97	01	6	423	79	3	4	6	6	0	69	82
	Landi Kotal	000	0	2	05	03	98	03	1	414	85	2	2	7	2	7	70	88
	Parachinar	000	0	4	13	02	99	02	1	796	81	4	0	9	1	0	73	xx
D.I. Khan	Miranshah	000	0	2	05	02	99	02	0	418	89	2	0	9	2	0	70	90
	Wana	000	0	3	09	03	97	10	3	393	88	3	2	8	0	0	64	91
	Fort Sandeman	000	0	2	07	03	97	01	0	405	95	0	0	9	0	3	51	97
Quetta	Hindubagh	000	0	0	25	04	98	00	0	356	94	0	0	9	0	0	56	94
	Loralai	000	0	4	20	07	97	03	0	393	89	2	9	5	0	9	59	90
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	00	00	97	00	0	392	92	0	0	9	0	0	68	98
	Chaman	000	0	0	27	02	98	02	0	388	99	0	0	9	0	0	32	02
Kalat	Kalat	000	0	1	34	03	97	01	1	406	86	1	1	7	0	0	40	91
	Nushki	000	0	0	09	02	98	02	0	472	05	0	0	9	0	0	71	07
	Dalbandin	000	5	1	25	02	97	03	0	407	07	1	1	8	0	0	53	09
	Panjgur	000	0	3	18	03	98	03	0	435	00	3	0	9	6	0	51	02
Afghanistan	Kabul	..	—	—	—	—	..	..	..	—	..	..	—	—	—	—	—	—
	Kandahar																	

At 0300 Hrs. G.M.T. of date

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Cox's Bazar	027	9	5	20	05	97	02	6	057	83	3	2	6	4	2	80	77
	Chittagong	035	0	6	16	05	97	03	2	063	84	4	2	5	1	1	78	78
	Maijdee Court	040	6	7	00	00	97	03	6	059	81	7	0	9	2	0	78	78
	Comilla	000	0	7	00	00	98	03	2	053	85	4	4	5	0	0	75	78
	Brahmanbaria	004	0	7	18	03	97	03	1	060	84	7	5	5	1	0	77	78
	Sylhet	054	5	8	09	03	95	95	9	066	77	6	3	3	2	x	76	77
	Srimangal	005	9	8	00	00	97	21	9	028	81	7	5	4	0	x	78	78
Dacca	Mymensingh	000	0	8	00	00	98	02	2	958	81	8	4	5	x	x	80	80
	Narayanganj	004	3	7	13	03	97	03	5	057	86	2	4	5	3	8	79	82
	Dacca (Tezgaon)	006	7	7	13	07	97	02	6	045	84	6	4	4	8	4	78	79
	Faridpur	172	9	6	18	02	97	20	6	039	84	6	5	7	0	0	81	76
	Barisal	026	9	4	00	00	97	03	5	047	85	4	0	6	4	0	82	81
Rajshahi	Khulna	000	0	4	13	03	97	01	2	048	85	4	5	7	0	0	79	80
	Satkhira	005	0	6	00	00	95	03	2	044	86	6	6	8	0	0	78	79
	Jessore	006	9	8	18	05	96	03	6	041	84	8	4	5	x	x	80	80
	Sirajganj	000	0	8	00	00	98	02	2	043	84	8	0	9	5	0	80	81
	Bogra	010	9	8	09	02	96	03	6	040	83	5	6	4	1	x	79	80
	Dinajpur	10	3	5	00	00	96	02	2	039	87	5	0	9	2	0	79	80
	Rangpur	000	0	5	13	02	96	01	2	xxx	84	2	5	6	1	1	79	80
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	168	9	2	09	02	96	01	1	028	84	0	0	9	0	2	77	77
	Sialkot	190	0	0	00	00	98	00	0	028	85	0	0	9	0	0	78	74
Rawalpindi	Jhelum	165	1	8	31	03	97	95	9	042	72	4	3	5	2	x	74	72
	Rawalpindi	175	7	7	00	00	98	58	9	051	72	5	3	6	6	0	62	69
	Khushab	000	0	7	09	03	96	03	1	021	83	7	2	6	0	0	79	75
Multan	Lyallpur	000	0	4	08	00	96	01	0	024	81	0	0	9	0	0	77	79
	Montgomery	000	0	4	00	00	96	01	0	023	83	2	2	9	0	0	77	79
	Multan	040	3	8	05	03	96	29	9	022	78	2	9	5	7	3	77	78
Bahawalpur	Leiah	072	1	8	05	04	99	81	6	002	77	6	7	6	8	c	76	76
	Khanpur	000	0	4	16	02	96	03	0	998	86	4	0	9	0	4	82	82
	Bahawalpur	000	0	7	00	00	96	00	0	021	83	[illegible]	0	8	1	0	79	81
	Fort Abbas	000	0	0	07	00	98	00	0	012	86	0	0	9	0	0	79	79
Peshawar	Chakdara	050	0	7	00	00	97	02	2	040	76	0	0	8	6	0	71	70
	Peshawar	000	9	7	05	03	97	.0	9	034	80	7	5	6	0	0	74	75
	Haripur	000	6	8	13	04	96	03	5	009	75	0	5	6	0	0	72	74
	Campbellpur	013	6	7	05	00	98	03	6	058	75	0	0	x	9	0	73	74
D. I. Khan	Bannu	000	0	6	16	01	98	61	9	029	79	6	3	6	0	0	74	79
	D. I. Khan	006	3	8	00	00	97	03	5	021	78	8	8	8	0	0	74	77
Quetta	Sibi	000	0	0	00	00	99	00	0	999	89	0	0	9	0	0	73	86
Kalat	Nokkundi	000	0	0	11	02	99	02	0	974	86	0	0	9	0	0	77	85
	Turbat	000	0	0	18	02	95	00	0	990	86	0	0	9	0	0	76	xx
	Jiwani	000	0	6	00	00	96	03	1	004	83	5	6	4	0	1	77	78
	Pasni	000	0	4	00	00	98	01	1	007	85	4	4	7	0	0	78	81
	Ormara																	
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	5	25	09	96	03	2	010	84	0	0	9	3	0	80	82
	Karachi (Air Port)	000	0	3	25	07	96	01	2	003	85	1	6	5	3	0	79	82
	Badin	000	1	8	23	02	95	03	2	985	84	0	8	7	0	0	78	83
	Nagarparkar	000	0	0	00	00	96	02	2	982	82	8	7	7	0	0	68	78
	Umerkot	027	0	1	18	02	98	00	0	997	80	7	5	6	0	0	79	75
	Hyderabad	030	0	6	00	00	97	03	0	981	85	2	6	5	2	1	79	82
Khairpur	Pad-i-dan	000	0	4	13	02	97	03	0	994	85	4	0	9	7	0	79	80
	Nawabshah	000	0	4	18	02	96	01	2	002	89	4	0	9	3	0	79	83
	Sukkur	000	9	0	00	00	96	00	0	994	85	0	0	9	0	0	76	83
	Kashmore																	
	Jacobabad	000	0	1	07	03	96	02	0	990	88	0	0	9	0	1	80	85
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	023	2	9	13	05	90	49	6	462	62	9	x	0	x	x	61	59
Peshawar	Drosh	000	0	2	00	00	97	01	0	447	77	2	2	6	0	0	62	75
	Cherat	000	3	4	13	01	98	03	6	460	69	2	2	6	9	5	67	65
	Kakul	037	8	8	23	02	97	03	6	458	70	8	8	6	x	x	68	67
	Landi Kotal	000	0	5	13	03	98	01	2	445	74	5	6	5	0	0	68	xx
	Parachinar	000	0	2	00	00	99	00	0	797	69	0	0	9	1	0	62	xx
D.I. Khan	Miranshah	000	0	6	00	00	99	02	2	428	78	0	0	8	4	2	89	77
	Wana																	
	Fort Sandeman	000	0	4	02	03	97	03	0	467	80	4	1	6	0	0	67	75
Quetta	Hindubagh	000	0	0	23	01	98	00	0	414	72	0	0	9	0	0	52	71
	Loralai	000	0	2	05	05	99	00	0	428	75	0	0	9	0	1	66	65
	Harnai	000	0	0	09	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	18	02	95	00	0	445	75	0	0	9	0	0	65	66
	Chaman	000	0	0	18	02	98	02	0	426	81	0	0	9	0	0	48	70
Kalat	Kalat	000	0	2	18	02	98	03	1	542	73	0	0	9	0	1	61	62
	Nushki	000	0	0	19	02	xx	02	0	460	59	0	0	9	0	0	48	81
	Dalbandin	000	9	0	00	00	96	02	0	416	81	0	0	9	0	0	47	71
	Panjgur	000	0	0	00	00	98	00	0	440	78	0	0	9	0	0	69	77
Afghanistan	Kabul	000	0	0	18	03	99	00	0	506	67	0	0	9	0	0	56	59
	Kandahar																	

Departure from Normal and Rainfall

Divisions (1)	Stations (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959, up to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	— 4	+ 1	100.7	+ 3.5	116.6	140
	Chittagong	— 2	0	81.1	+13.9	114.1	108
	Maijdee Court	0	0	79.3	+ 8.1	111.	115
	Comilla	+ 2	+ 1	52.7	— 1.0	78.7	94
	Brahmanbaria	—	—	36.1	— 4.1	62.1	76
	Sylhet		—	111.5	—	149.5	—
	Srimangal	— 1	+ 3	55.9	+ 6.8	88.8	98
Dacca	Mymensingh	0	+ 2	62.7	+11.9	84.8	91
	Narayanganj	0	+ 3	43.3	+ 3.1	63.5	74
	Dacca (Tezgaon)	—	—	43.4		59.3	—
	Faridpur	0	— 3	42.5	+ 3.3	70.9	71
	Barisal	0	+ 3	68.8	+20.9	83.7	81
Rajshahi	Khulna	— 1	+ 2	48.3	+ 6.4	69.2	69
	Satkhira	+ 1	+ 1	37.0	— 1.1	55.2	65
	Jessore	—	—	36.5	— 0.3	71.3	65
	Sirajganj	0	+ 2	47.8	+10.9	72.6	64
	Bogra	— 1	+ 2	47.3	+ 6.9	66.5	69
	Dinajpur	+ 2	+ 2	28.7	— 6.4	46.1	72
	Rangpur	0	+ 3	46.0	— 3.9	65.8	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd)	— 2	+ 1	20.7	+ 7.9	24.5	19
	Sialkot	— 7	— 3	40.8	+20.1	46.9	32
Rawalpindi	Jhelum	—	—	33.9	—	44.2	—
	Rawalpindi	— 3	— 4	31.0	+10.6	44.1	36
	Khushab	— 4	— 4	12.8	+ 3.7	18.3	15
Multan	Lyallpur	0	+ 1	10.6	+ 2.5	13.3	12
	Montgomery	— 1	— 1	3.9	— 2.3	6.3	10
	Multan	+ 5	— 3	5.6	+ 1.1	7.7	7
Bahawalpur	Leiah	—	—	4.6	—	6.5	8
	Khanpur	0	+ 3	0.3	— 4.3	1.2	6
	Bahawalpur	— 1	+ 3	5.4	+ 1.3	6.5	6
	Fort Abbas	—	—	4.8	—	5.1	4
Peshawar	Chakdara	—	—	6.4	—	32.0	—
	Peshawar	— 4	— 1	6.4	+ 2.7	19.3	14
	Haripur	—	—	14.5	—	25.4	—
	Campbellpur	—	—	16.1	—	30.1	—
D. I. Khan	Bannu	—	—	10.0	—	16.9	11
	D. I. Khan	— 3	— 2	9.9	+ 4.9	13.6	10
Quetta	Sibi	—	—	3.1	—	3.4	5
Kalat	Nokkundi	—	—	0	—	1.1	2
	Turbat	—	—	2.3	—	6.7	—
	Jiwani	—	—	0.1	—	5.7	4
	Pasni	—	—	0.2	— 0.6	2.1	6
	Ormara						6
	Las Bela						8
Karachi Federal Area Hyderabad	Karachi (Manora)	+ 5	+ 4	6.5	+ 1.0	[illegible]	8
	Karachi (Air Port)	—	—	11.3	—	[illegible]	—
	Badin	+ 2	+ 5	4.6	— 1.8	4.8	9
	Nagarparkar	—	—	10.1	—	10.1	—
	Umerkot	—	—	13.0	—	13.9	—
	Hyderabad	0	+ 4	7.7	+21.2	8.4	7
Khairpur	Pad-i-dan	—	—	5.8	—	6.1	—
	Nawabshah	—	—	4.1	—	4.8	—
	Sukkur	—	—	2.1	—	3.1	4
	Kashmore	—	—				—
	Jacobabad	+	+ 5	3.7	+ 1.6	4.4	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						—
Arabia	Muscat						4
	Kuwait						—
	HILL STATIONS						
Kashmir	Srinagar						26
	Gulmarg						—
	Sonamarg						71
	Dras						26
	Leh						3
	Skardu						6
	Misgar						—
	Aliabad						—
	Gilgit						5
Rawalpindi	Murree	— 1	+ 3	39.3	+ 8.0	64.7	59
Peshawar	Drosh	+ 3	+ 7	1.3	—	30.4	18
	Cherat	— 2	— 3	14.3	+ 3.9	24.3	29
	Kakul	—	—	38.5	—	48.2	—
	Landi Kotal	—	—	2.5	—	17.5	—
	Parachinar	—	—	12.3	—	26.2	29
D.I. Khan	Miranshah	—	—	2.7	— 1.1	5.7	13
	Wana	—					—
	Fort Sandeman	+ 1	+ 5	5.9	+ 1.1	14.6	11
Quetta	Hindubagh	—	—	3.9	—	12.0	—
	Loralai	—	—	6.8	—	13.6	—
	Harnai	—	—	4.9	— 1.8	11.2	14
	Quetta	—	—	4.4	+ 3.5	10.0	8
	Chaman	+ 8	+ 3	0.1	0	6.3	7
Kalat	Kalat	+ 5	+ 9	4.0	+ 2.9	8.4	9
	Nushki	—	—	0.9	—	2.8	—
	Dalbandin	+ 6	+ 6	0.2	— 0.1	2.2	5
	Panjgur	+ 3	+ 9	1.5	—	3.1	4
Afghanistan	Kabul		—	—	—	—	12
	Kandahar						—

Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M.T. of the same day.

Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 4th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_o$	$L_aL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC\cdot h_tC_MC_H$	D.V.a PP	8 N. Ch h.	Q T. T. T_dT_d	Id..d .PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Calcav Rotterdam	53 172	565 00	0 22 02	97 02 0	010 73	98 9 00			0 05 72	1 22 34
Rizwani	53 144	535 00	4 16 17	98 03 0	011 75	41 6 00	34 80 5		0 03 72	1 10 52
Athenian	53 224	680 00	9 26 09	97 02 2	005 61	7x 0 xx	33 40 6		0 51 77	1 24 33
Strathedon	53 167	640 00	9 35 24	97 50 2	044 78	67 4 xx	26 61 0		0 31 74	1 25 57
Loarderkerk	53 246	580 06	5 08 03	98 02 1	999 90	50 9 50	34 21 9		0 03 [illegible]	1 08 20
Calcav Rotterdam	53 168	559 06	7 23 24	97 02 1	035 75	75 4 00			0 00 72	1 23 34
Baghdad	53 215	594 06	4 28 15	98 01 1	000 79	40 9 50	54 21 0		0 00 73	1 20 52
Calcav Melwzue	53 246	579 06	3 38 08	98 02 0	093 88	20 8 84			0 00 81	1 28 20
Baghdad	53 210	594 09	6 20 15	98 03 1	995 77	60 9 30	54 60 5		0 02 73	1 20 33
Calcav Rotterdam	53 162	549 12	1 22 18	97 01 1	030 75	13 4 00			0 01 72	1 22 21
Ahwaki	53 227	671 18	1 25 16	98 13 9	084 82	12 4 00	35 11 4		0 52 77	1 25 [illegible]
Khishimmaru	53 189	660 18	5 27 25	97 18 8	022 81	56 3 20	75 40 0		0 14 73	1 27 23
Neptunus	53 116	591 18	0 22 04	97 02 9	922 79	80 9 00	36 12 7		0 02 73	1 28 xx

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdT-Td	1000 mb HHHTTT	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra														
Chittagong														
Dacca	23 00	003 282 xxv	032 248 235	...	410 188 168	...	102 108 092	376 038 008	836 545 592	565 645 682	969 785	246 012	428 188	668 288
Karachi	01 00	997 288 268			355 215 992		055 142 999	337 065 999	805 530 999	546 612 999	969 755	250 975		
Lahore	01 00	978 252 245	017 xxxxxx		422 185 999		051 090 999	310 030 999	764 542 999	497 635 999	975 725			
Multan														
Peshawar														
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT TdTdTd								Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra													
Chittagong													
Dacca	23 00	900 212 195	800 152 132	550 802 555	350 705 758	285 872 999	...	...	...	...	285 872 999	...	...
Karachi	01 00										200 975 999		
Lahore	01 00	900 215 999	800 155 999	550 000 999	283 768 999						283 768 999		
Multan													
Peshawar													
Quetta													

PPP—Pressure in hundreds tens and units of millibars.
TTT: TdTdTd: Dry Bulb; Dew Point temperatures(in tenths of ° C.)
St=Character of tropopause.

HHH, HHHH (heights)—Tent of geopotential metres.
TT—Dry Bulb temperatures in ºC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bagra																										
Chittagong																										
Dacca	12 19	13 15	94 15	...		...	...	...	...	08 19	...	...		...	...	02 14	02 19	...	...	...	...	...	...	...	...	...
Karachi																										
Lahore	16 06	14 09	03 10	11 15	09 14	...	...	...	...	27 13	37 03															
Multan	20 18									05 23	16 06	17 25	19 28	28 04	19 21	00 00	17 25	17 13	17 11							
Peshawar	19 18	20 17	19 17	18 15						18 12	19 15	20 20	20 13	20 15	20 10	17 14	18 19	14 19	16 13	16 20	15 00					
Quetta	16 19	16 12	16 15	16 13	15 18	14 12	14 14	17 03	15 03	18 11	17 15	18 15	19 12	19 11	18 13	14 13	14 19	16 13	16 19	15 10						
Chittagong																										
Dacca																										
Karachi	22 07	24 13	27 11	33 06	32 17	31 15	29 10	...	...	...	...	13 04	12 08	11 08	33 04	...	...	13 04	11 07	11 11	34 04	30 06	03 08	02 22	04 14	02 11
Lahore																										
Multan																										
D. I. Khan																										
Dinesh				22 17	26 09	28 06	29 05	24 08					23 04	24 01	27 01					26 01	32 01	27 07				
Fore Soundeman				xx xx	29 08	33 10	32 08	36 06					03 07	20 04						24 04	25 02	36 05	33 11	32 12	34 06	
Jacobad	19 10	20 07	20 09	22 05	31 04	02 10	01 17	02 04	04 06	16 13	20 10	19 09	21 04	25 02	25 04	26 03	25 04	26 03		32 02	03 16	03 02	04 04	08 04	12 02	
Jacobabad	16 12	17 16	17 19	16 20						26 15	17 19	17 17	17 18	17 16	19 11	14 11	14 11	15 12	16 12							
Jaspore	11 02	35 04	28 03	29 06	32 05	33 07	30 15	31 05	33 09	13 07	14 10	13 10	11 08	19 02	33 04	01 08	31 06	04 03	18 07	16 13	05 08	17 15				
Kalam	17 10	19 08	21 05	23 02	02 08					12 06	10 04	16 05	21 05	15 04	32 05	12 06	17 03	01 03								
Jiwani	26 15	26 09	25 04	07 10	07 15	07 15	05 15			28 12	29 10	28 07				30 06	29 07	32 06	04 08							
Karachi	17 13	18 05	26 01	29 06	31 06	35 10	03 16			23 14	24 17	23 15	28 06	33 02	32 06											
Khanpur	12 08	08 12	07 13	07 11	05 09	03 09	24 20	33 25		14 07	12 04	11 06	11 07	05 06	03 07	04 03	11 02	11 06	12 07	18 05	05 10	15 06	21 04	21 07	23 11	23 12
Lahore	08 05	13 05	13 06	16 07	20 04	30 08	35 18			19 16	18 13	14 12	16 11			02 09	03 09	05 09	14 07	xx xx	07 05					
Multan																										
Mianwali																										
Panjgur																										
Peshawar		06 04	06 05	18 06	28 09	24 12	30 12	34 12	35 17											29 03	21 03	34 02	37 03	20 34	25 13	
Quetta					32 07	29 11	28 01	36 09	36 06					17 12	34 06											
Sharjah																										
Sylhet	29 01	28 02	17 04	14 07	11 09	06 03	22 05			No	Ascent					19 01	17 04	17 04	15 03	19 07						
Veraval																										

* The actual time of observations may vary within half an hour of the so called time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	17 14	20 06	20 08	19 15	19 12	15 18	16 13	14 05	12 05	07 07	11 22	10 25	12 27	09 27	07 29	08 02	...	...
Karachi	28 14	28 14	29 11	29 07	07 12	08 23	05 29	05 31	04 21	04 17	05 13	08 14	09 13	11 15	...	...	...	...
Peshawar																		
Quetta																		

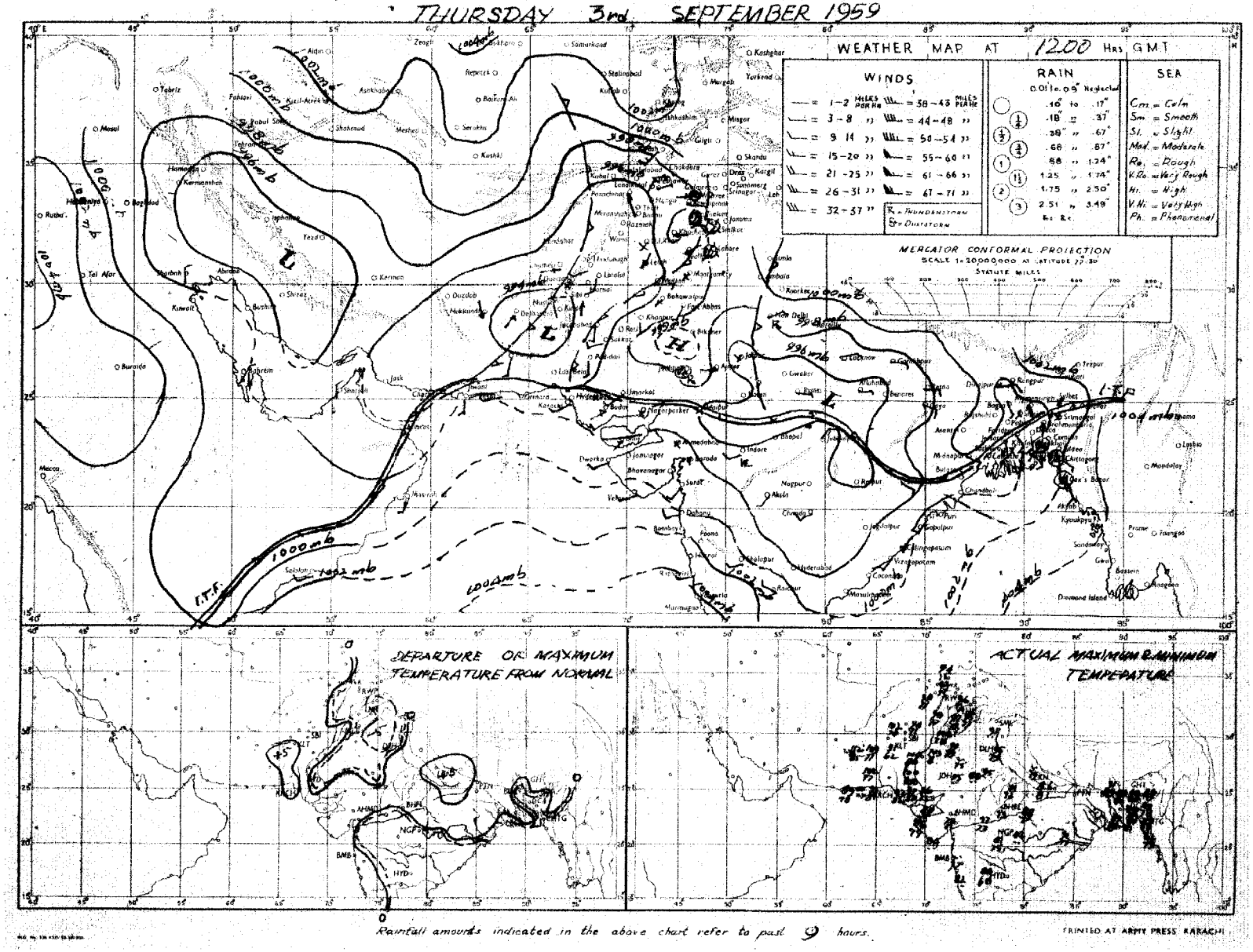
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd 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 SEPTEMBER 1959



Rainfall amounts indicated in the above chart refer to past 9 hours.

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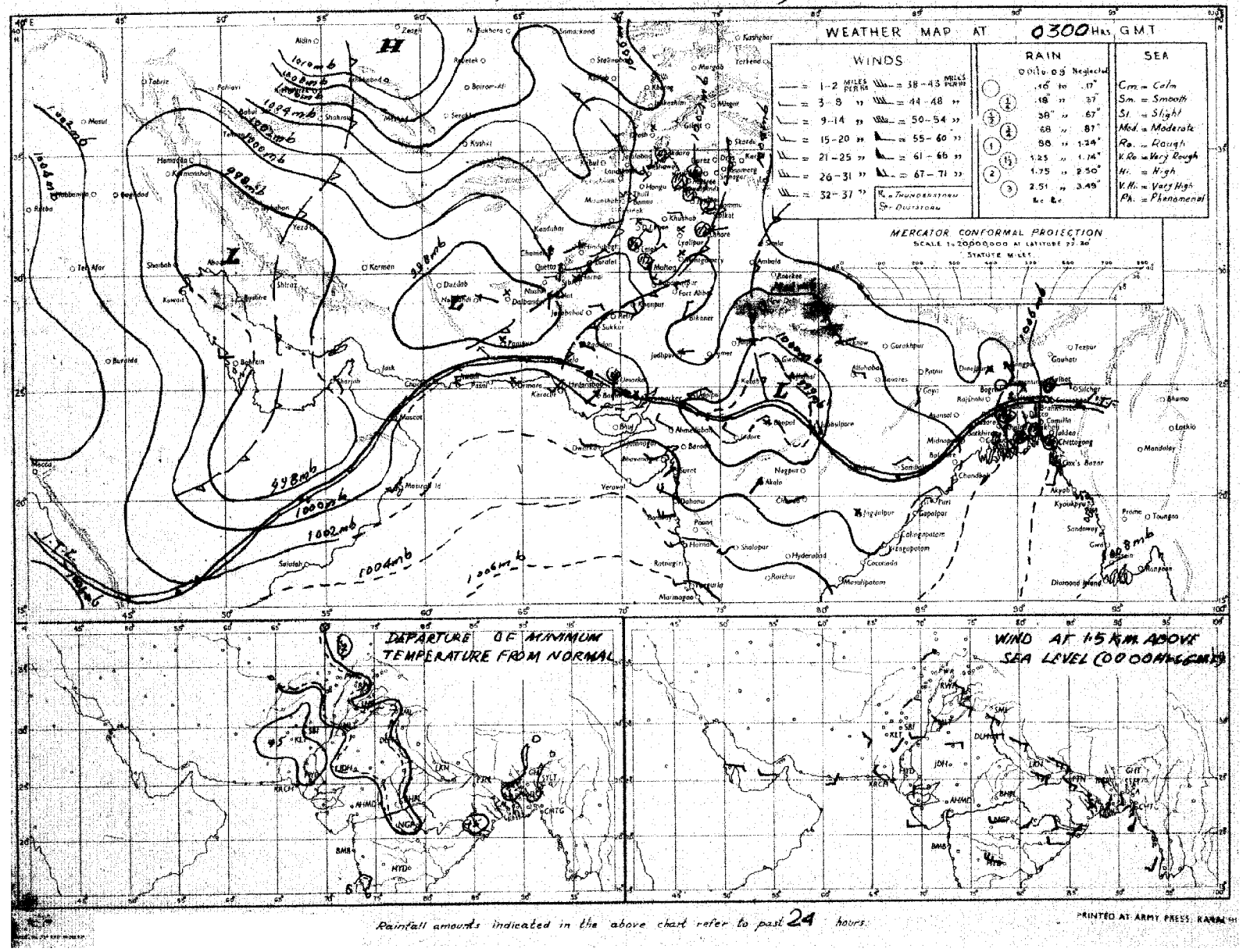
PAKISTAN DAILY WEATHER MAP

FRIDAY, 4th SEPTEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

SATURDAY THE 5th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

A well marked low which lay over west Madhya Pradesh and southeast Rajasthan last evening moved westwards and now lies over southwest Rajasthan and adjoining Hyderabad division.

Yesterday's low pressure wave is now moving across Peshawar division.

Widespread rain/thundershowers have occurred in Hyderabad division and the Federal Capital Area, fairly widespread in Khairpur division and scattered in Lahore, Rawalpindi, Multan, Bahawalpur and Quetta divisions and scattered duststorms in D. I. Khan division.

Rain/thundershowers have been local in Chittagong and Rajshahi divisions and scattered in Dacca division.

Chief amounts of rainfall are; Sylhet 7"; Kashmore 2"; Nagarparkar 1¼"; Fort Abbas, Harnai, Nawabshah 1" each; Badin, Mithi 3/4" each; Sialkot ½" and Faridpur, Sirajganj, Bogra, Dinajpur, Jhelum, Hyderabad, Karachi (Manora) and Karachi (Air port) ½" each.

Day temperatures were 6—10°F below normal in Bahawalpur, Multan, D. I. Khan and adjoining Rawalpindi and Peshawar divisions, 3—5°F So in Lahore division and 3—5°F above normal in Quetta, north Kalat and Hyderabad divisions.

Forecast valid until the evening of 6th September, 1959. Fairly widespread rain/thundershowers will occur in Chittagong, Hyderabad divisions and the Federal Capital Area, local in Dacca, Rajshahi, Khairpur, Lahore, Rawalpindi, Peshawar divisions and Kashmir and scattered elsewhere over West Pakistan.

Karachi-11
The 5th September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	6	18	07	96	02	1	039	81	4	5	6	1	4	78	87
	Chittagong	000	0	7	xx	xx	97	02	2	030	82	4	3	5	2	0	79	86
	Maijdee Court	000	9	6	18	05	96	03	0	031	84	4	4	6	7	0	76	86
	Comilla	000	0	8	00	00	95	02	2	043	85	8	4	5	x	x	78	89
	Brahmanbaria	000	0	6	03	06	97	03	1	028	87	5	4	5	0	9	77	89
	Sylhet	043	9	3	00	03	96	29	9	029	81	1	4	6	7	1	78	84
	Srimangal	007	8	8	18	03	95	95	9	035	83	8	3	4	x	x	79	88
Dacca	Mymensingh	000	0	6	00	00	98	02	0	031	85	0	0	9	0	8	78	78
	Narayanganj	00	9	8	18	05	95	03	2	030	86	7	7	4	2	x	70	90
	Dacca (Tezgaon)	000	9	7	16	07	98	02	2	016	84	1	3	6	0	4	78	89
	Faridpur	037	4	8	16	02	96	02	6	013	84	5	4	7	1	x	78	86
	Barisal	000	0	6	13	01	97	02	0	018	85	4	6	5	4	0	84	87
Rajshahi	Khulna	000	0	6	13	03	97	01	1	020	86	6	5	7	0	8	79	68
	Satkhira	000	0	4	00	04	95	03	0	015	85	4	6	8	0	0	79	68
	Jessore	000	0	6	18	03	95	03	0	044	84	4	4	5	6	0	80	87
	Sirajganj	022	1	8	00	00	97	02	9	011	84	8	7	5	x	x	80	88
	Bogra	000	0	6	13	02	96	03	1	015	85	3	5	6	0	8	79	88
	Dinajpur	021	5	7	00	00	96	01	9	014	85	2	5	7	2	9	xx	90
	Rangpur	000	0	5	05	02	96	01	1	xxx	85	3	5	6	2	6	78	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	5	05	02	98	02	2	000	89	1	2	7	7	2	77	92
	Sialkot	064	2	6	13	02	98	20	6	002	82	4	5	6	3	0	75	91
Rawalpindi	Jhelum	030	7	3	00	00	97	01	9	000	88	1	1	7	3	0	77	90
	Rawalpindi	000	0	1	04	00	99	01	0	989	81	1	2	7	0	0	72	90
	Khushab	000	0	2	05	03	99	01	1	010	89	2	0	9	7	0	76	89
Multan	Lyallpur	004	3	6	07	02	96	25	6	990	92	6	0	9	5	0	76	93
	Montgomery	000	0	0	00	00	96	00	0	984	92	0	0	9	0	0	78	95
	Multan	008	6	4	36	03	97	01	6	991	87	0	0	9	0	2	81	90
Bahawalpur	Leiah	000	0	6	05	02	99	14	2	975	88	4	7	7	9	0	85	90
	Khanpur	000	0	0	36	07	96	08	0	972	91	0	0	9	0	0	84	97
	Bahawalpur	000	0	7	05	02	97	03	0	983	93	0	0	9	0	4	77	94
	Fort Abbas	096	0	6	07	03	98	50	6	970	86	6	4	8	0	0	83	98
Peshawar	Chakdara	000	0	3	00	00	98	01	1	013	86	2	1	7	0	0	71	89
	Peshawar	000	0	3	36	03	97	01	1	997	89	3	1	6	0	0	75	89
	Haripur	000	3	3	23	04	97	03	0	971	89	2	1	0	0	0	72	93
	Campbellpur	000	0	4	13	02	98	01	0	015	59	4	0	9	7	0	73	94
D. I. Khan	Bannu	000	0	2	11	01	99	01	0	976	91	2	1	6	0	0	74	92
	D. I. Khan	000	6	0	00	00	98	00	0	983	93	0	0	9	0	0	70	93
Quetta	Sibi	000	2	8	23	05	97	02	2	963	05	8	7	5	x	x	69	06
Kalat	Nokkundi	000	0	0	34	02	99	02	0	960	09	0	0	9	0	0	38	11
	Turbat	000	0	0	27	02	96	00	0	961	07	0	0	9	0	0	76	08
	Jiwani	000	0	0	18	18	96	02	1	981	87	0	0	9	0	0	77	89
	Pasni	000	0	0	27	07	98	00	0	970	91	0	0	9	0	0	75	96
	Ormara																	
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	5	25	12	98	02	1	979	87	0	0	9	0	9	79	89
	Karachi (Air Port)	000	0	7	23	18	97	03	1	978	88	2	1	6	0	1	82	92
	Badin	000	3	6	20	02	95	03	2	972	95	6	6	7	0	0	83	98
	Nagarparkar	000	0	6	00	00	96	01	2	993	89	6	6	7	0	0	62	92
	Umarkot	000	0	6	00	00	98	02	1	961	96	6	9	6	0	0	79	97
	Hyderabad	000	0	6	00	00	97	03	1	971	97	3	5	6	2	0	75	00
Khairpur	Pad-i-dan	000	4	8	16	09	97	03	9	978	83	6	3	5	2	x	73	02
	Nawabshah	104	1	7	18	10	98	17	2	983	76	2	2	6	2	0	75	01
	Sukkur	000	4	8	27	02	96	03	2	968	85	8	0	9	7	x	76	99
	Kashmore	200	6	6	00	00	99	02	9	967	86	6	1	6	0	0	73	90
	Jacobabad	000	0	7	13	03	96	03	1	971	98	1	3	7	0	7	77	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	006	3	8	08	00	95	03	6	445	65	8	9	2	x	x	63	70
Peshawar	Drosh	000	0	3	23	10	98	01	0	394	92	2	2	7	0	0	55	96
	Cherat	000	0	2	18	03	98	01	0	427	78	2	1	6	0	0	75	78
	Kakul	007	0	1	18	03	99	01	6	438	78	1	1	7	0	0	65	80
	Landi Kotal	000	0	2	05	03	59	01	1	432	82	0	0	9	0	1	78	86
D. I. Khan	Parachinar	000	0	5	13	02	99	03	0	797	78	2	0	9	3	0	61	xx
	Miranshah	000	0	4	05	02	99	02	0	417	87	3	0	9	2	2	71	88
	Wana																	
Quetta	Fort Sandeman	000	0	6	07	05	97	03	0	426	89	6	1	6	0	0	56	94
	Hindubagh	000	0	0	07	02	98	00	0	364	90	0	0	9	0	0	60	90
	Loralai	000	0	5	23	09	96	02	1	407	83	5	3	5	0	0	75	88
	Harnai	110	4	9	09	02	96	21	6	xxx	xx	9	x	0	x	x	xx	xx
	Quetta	000	0	2	16	14	97	02	0	375	90	1	4	6	3	1	60	95
	Chaman	000	0	0	27	02	98	02	0	398	99	0	0	9	0	0	36	01
Kalat	Kalat	000	0	3	23	07	97	01	1	410	83	3	2	7	0	0	53	90
	Nushki	000	0	0	31	05	98	02	0	462	07	0	0	9	0	0	69	07
	Dalbandin	000	7	1	23	03	97	01	0	406	06	1	1	8	0	0	51	08
	Panjgur	000	0	2	23	03	98	03	0	435	99	2	0	9	2	0	49	00
Afghanistan	Kabul	000	0	0	18	02	99	00	0	476	81	0	0	9	0	0	64	90
	Kandahar																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	016	9	7	11	05	97	15	6	066	80	6	4	6	2	0	78	75	+ 1	− 1	100.9	+ 2.9	116.7	140
	Chittagong	003	4	7	13	05	9	03	6	069	83	1	1	6	2	2	77	77	− 1	+ 1	81.2	+13.3	114.1	108
	Maijdee Court	005	4	8	18	02	97	02	6	064	80	1	7	6	2	1	78	78	0	0	79.3	+ 7.5	111.2	115
	Comilla	010	5	8	18	03	97	02	6	067	84	8	4	5	x	x	74	76	+ 1	− 1	52.8	− 1.4	78.8	94
	Brahmanbaria	002	2	8	13	02	97	3	6	069	78	4	5	5	2	x	76	78	−	−	36.1	− 4.5	62.1	76
	Sylhet	711	8	8	00	00	95	61	9	075	76	6	7	4	6	x	76	75	−	−	118.6	—	156.6	—
	Srimangal	007	9	8	00	00	97	03	9	073	80	7	3	4	4	x	77	77	− 2	+ 2	55.9	+ 6.4	88.9	98
Dacca	Mymensingh	000	0	8	13	02	98	02	2	070	82	8	4	5	x	x	79	79	− 1	+ 1	62.7	+21.4	84.8	91
	Narayanganj	000	[illegible]	8	13	05	96	03	2	0 1	83	7	7	5	2	x	78	81	+ 2	+ 2	43.3	+ 3.7	63.5	74
	Dacca (Tezgaon)	0 0	9	8	13	02	97	[illegible]	2	057	83	6	3	4	2	x	77	80	—	—	43.4		59.3	—
	Faridpur	137	9	8	16	02	97	03	0	049	83	8	5	7	x	x	77	78	− 2	− 1	42.9	+ 3.3	71.3	71
	Barisal	000	0	6	13	02	97	03	1	055	84	6	0	9	7	0	81	80	0	+ 2	68.8	+20.5	83.7	81
Rajshahi	Khulna	000	0	7	00	00	96	01	2	054	81	7	5	6	0	0	78	80	0	+ 2	48.3	+ 6.1	69.2	68
	Satkhira	000	0	4	13	01	95	03	1	049	84	6	6	8	0	0	78	79	− 1	+ 1	37.0	− 2.1	55.2	65
	Jessore	000	0	6	13	05	97	01	1	050	84	4	4	6	0	0	78	79	−	−	36.5	− 0.6	72.3	65
	Sirajganj	022	9	8	10	00	98	02	6	047	85	8	5	5	x	x	79	79	0	0	48.0	+10.5	72.8	64
	Bogra	018	9	7	13	02	96	02	9	058	86	6	5	6	2	1	78	78	− 1	0	47.6	+ 6.7	66.6	69
	Dinajpur	021	0	7	00	00	96	02	2	051	83	7	4	7	2	0	70	80	+ 1	+ 2	28.9	−16.4	46.3	72
	Rangpur	000	0	7	13	02	96	03	1	xxx	83	7	5	6	0	0	79	80	+ 1	+ 3	46.0	− 4.5	65.0	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	4	6	00	00	96	03	1	032	83	4	4	7	3	9	78	79	− 5	+ 3	20.7	+ 7.7	24.5	1
	Sialkot	064	0	0	00	00	99	00	0	028	84	0	0	9	0	0	75	78	− 3	+ 1	41.5	+20.5	47.5	3
Rawalpindi	Jhelum	030	0	2	00	00	97	03	0	035	81	2	0	9	3	0	76	71	−	−	34.2	−	44.5	—
	Rawalpindi	000	0	2	27	02	99	04	1	038	79	0	0	9	0	3	74	71	− 3	− 2	31.0	+10.4	44.1	36
	Khushab	000	0	0	00	00	99	00	0	041	85	0	0	9	0	0	77	78	− 10	− 1	12.8	+ 3.6	18.3	15
Multan	Lyallpur	004	1	0	00	00	96	00	0	035	84	0	0	9	0	0	78	79	− 4	+ 1	10.6	+ 2.4	13.4	12
	Montgomery	000	0	0	00	00	94	00	0	023	83	0	0	9	0	0	77	79	− 6	− 1	3.9	− 2.4	6.3	10
	Multan	013	0	3	36	02	97	04	6	023	84	0	0	9	0	2	78	78	− 8	− 3	5.7	+ 1.2	7.8	7
Bahawalpur	Leiah																		−	−				8
	Khanpur	000	0	0	82	03	96	03	0	907	88	0	0	9	0	0	81	82	− 6	+ 3	0.3	− 4.3	1.2	6
	Bahawalpur	000	0	7	05	02	97	03	0	018	84	0	0	9	0	5	77	81	− 7	+ 3	5.4	+ 1.3	6.5	6
	Fort Abbas	096	0	8	07	05	97	65	5	034	78	0	9	6	x	x	77	77	−	−	5.7	−	6.0	4
Peshawar	Chakdara	000	0	0	00	00	98	00	0	048	78	0	0	9	0	0	76	73	−	−	6.4	−	22.0	—
	Peshawar	000	0	1	31	02	97	02	0	036	82	1	3	6	3	0	76	78	− 8	+ 2	6.4	+ 2.7	19.3	14
	Haripur	000	2	3	23	02	97	03	0	010	83	0	0	9	0	6	70	71	−	−	14.5	−	25.4	—
	Campbellpur	000	0	3	13	02	98	02	0	052	83	0	0	9	0	8	76	76	−	−	16.1	−	30.1	—
D. I. Khan	Bannu	000	2	5	00	00	99	02	0	020	83	5	0	9	3	0	76	79	−	−	10.0	−	16.9	11
	D. I. Khan	000	2	2	05	02	98	01	1	030	67	0	0	9	0	7	77	77	− 8	− 2	9.9	+ 4.9	13.6	10
Quetta	Sibi	000	3	4	13	02	98	03	1	014	84	4	0	9	3	0	70	86	−	−	3.1	−	3.4	5
Kalat	Nokkundi	000	0	0	29	02	98	02	0	985	85	0	0	9	0	0	43	80	−	−	0	−	1.1	2
	Turbat	000	0	0	23	02	95	00	0	006	85	0	0	9	0	0	85	xx	−	−	2.3	−	6.7	—
	Jiwani	000	0	8	09	02	96	03	0	015	83	8	6	4	x	x	77	80	−	−	0.1	−	5.7	4
	Pasni	000	0	4	27	03	98	01	1	006	86	4	0	9	2	0	79	83	−	−	0.2	− 0.6	2.1	6
	Ormara																							6
	Las Bela																							8
Karachi Federal Area Hyderabad	Karachi (Manora)	019	9	7	00	00	96	03	9	008	81	5	0	9	4	7	77	79	+ 3	+ 1	6.7	+ 1.2	6.7	8
	Karachi (Air Port)	027	0	7	27	05	96	02	9	008	81	3	5	5	2	0	79	76	−	−	11.6	−	10.9	—
	Badin	075	1	8	23	02	95	81	6	002	79	8	9	7	x	x	78	71	+ 5	− 7	5.5	− 1.1	5.5	9
	Nagarparkar	160	4	8	10	00	96	03	2	964	82	8	7	7	x	x	65	78	−	−	11.7	−	11.7	—
	Umarkot	000	0	8	20	02	98	02	2	989	79	8	5	6	x	x	78	77	−	−	13.0	−	13.9	—
	Hyderabad	018	1	8	00	00	97	02	4	000	81	3	6	5	2	x	79	79	+ 3	+ 1	7.9	+ 2.3	8.6	7
Khairpur	Pad-i-dan	000	9	4	34	07	97	01	1	005	87	1	1	9	3	1	77	82	−	−	5.8	−	6.1	—
	Nawabshah	104	0	7	00	00	96	03	9	007	82	2	5	6	2	6	79	76	−	−	5.1	−	5.8	—
	Sukkur	000	9	4	16	03	96	03	1	006	86	0	0	9	0	8	77	82	−	−	2.1	−	3.1	4
	Kashmore	200	0	3	05	14	99	02	1	996	88	3	1	8	0	0	78	77	−	−	2.0	−	2.1	—
	Jacobabad	000	0	3	36	05	96	02	0	016	87	1	0	9	3	8	78	83	− 2	+ 3	3.7	+ 1.6	4.4	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
HILL STATIONS																								
Kashmir	Srinagar																							24
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	006	9	4	09	02	98	01	1	479	66	4	0	9	5	0	61	61	+ 1	+ 5	39.4	+ 7.8	64.8	59
Peshawar	Drosh	000	0	2	00	00	98	03	0	462	76	2	1	7	0	0	61	74	+ 5	+ 6	1.3	−	30.4	18
	Cherat	000	0	1	36	03	96	46	0	467	70	0	0	9	0	2	69	66	− 7	− 2	14.3	+ 3.7	24.3	29
	Kakul	007	9	3	13	03	97	01	4	468	74	1	4	6	3	0	68	68	−	−	38.5	−	48.2	—
	Landi Kotal	000	0	1	05	02	98	03	0	458	77	1	1	7	0	0	69	xx	−	−	2.5	−	17.5	—
D. I. Khan	Parachinar	000	0	2	00	00	96	02	0	796	68	2	0	9	1	0	64	xx	−	−	12.3	−	26.2	29
	Miranshah	000	0	4	00	00	99	02	1	444	76	3	0	9	2	2	67	71	−	−	2.7	− 1.1	5.7	13
	Wana	000	0	1	13	03	98	11	3	444	73	1	0	9	4	0	66	69			4.3	−	13.3	—
Quetta	Fort Sandeman	000	0	7	05	03	97	03	0	456	74	7	5	6	0	0	67	72	− 2	+ 2	5.9	+ 1.1	14.6	11
	Hindubagh	000	0	0	13	02	98	00	0	395	71	0	0	9	0	0	53	70	−	−	3.9	−	12.0	—
	Loralai	000	0	7	09	03	96	02	1	421	74	7	3	4	0	0	66	67	−	−	6.8		12.6	—
	Harnai	110	0	7	82	02	98	02	9	xxx	xx	6	2	5	4	0	xx	xx	−	−	6.0	+ 0.8	12.3	14
	Quetta	008	0	0	16	02	96	01	0	434	73	0	0	9	0	0	43	67	−	−	4.4	− 0.5	10.0	8
	Chaman	000	0	0	13	03	98	02	0	436	82	0	0	9	0	0	41	70	+ 7	+ 3	0.1	0	6.3	7
Kalat	Kalat	000	0	0	10	00	98	02	0	457	71	0	0	9	0	0	59	60	+ 4	+ 7	4.0	+ 2.9	8.4	9
	Nushki	000	0	0	09	09	98	02	0	468	88	0	0	9	0	0	60	82	−	−	0.9	−	2.8	—
	Dalbandin	000	2	6	13	07	94	05	1	427	84	0	0	9	0	4	68	82	+ 5	+ 12	0.3	− 0.1	2.2	5
	Panjgur	000	0	2	00	00	98	03	0	441	77	2	0	9	2	0	68	73	+ 1	+ 5	1.5	−	3.1	4
Afghanistan	Kabul	000	0	0	14	02	99	00	0	504	70	0	0	9	0	0	60	59	−	−	—	−	—	12
	Kandahar																							—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day.

Whenever 999 is given for RRR see the summary above for the actual amounts of rain

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 5th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L,L,L,	L,L,L, GG	N dd ff	VV ww W	PPP TT	N,C,hC,C,	D,V, a PP	8 N, Ch, h,	O T, T, T, T,	Id,d,PH,
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Worcester	63 090	691 00	1 24 09	98 02 0	081 81	11 5 00	25 60 4	...	0 51 75	1 24 22
Pirreloti	63 120	478 00	3 25 04	98 02 0	061 86	xx x xx	66 70 4	...	0 51 81	1 85 30
Ryusomaru	63 163	692 00	8 27 15	96 03 2	055 81	86 4 xx	35 00 5	...	0 00 75	
Krishimamaru	63 196	647 00	8 27 20	97 18 8	060 81	66 3 2x	75 23 0	...	0 12 73	1 27 22
Udomaru	63 067	678 00	8 25 20	98 02 1	050 77	87 3 xx	35 20 5	...	0 54 73	1 26 64
Oxford	63 086	696 00	1 28 12	98 01 8	071 81	xx x xx	66 50 4	...	0 51 75	1 28 x3
Ruyadmaru	63 190	662 00	8 27 21	96 25 8	000 72	87 2 xx	76 xx x	...		
Neptunea	63 111	610 00	0 21 16	98 02 0	075 77	00 9 00	36 24 3	...	0 00 75	1 22 x4
Bagdad	63 183	573 02	8 21 20	98 10 2	010 73	80 9 5x	54 21 0	...	0 05 70	1 21 33
Laerderkerk	63 205	592 06	3 23 12	97 02 8	003 75	20 6 19	54 11 8	...	0 51 73	1 23 32
Edeljee	63 236	594 06	1 09 07	97 02 0	970 88	00 9 01	76 10 3	...	0 09 63	1 09 x1
Sanchis	63 239	593 06	0 14 02	96 05 0	007 84	00 9 00	65 20 8	...	0 51 79	1 10 22
Afghanistan	63 251	576 06	4 09 09	97 03 1	008 89	21 7 37	34 10 8	...	0 00 83	1 09 21
Riyadbmaru	63 199	647 06	8 27 21	96 02 2	015 81	85 3 xx	76 xx x	...		
Bagdad	63 180	569 06	7 21 20	98 01 2	010 73	70 7 50	54 40 0	...	0 05 70	1 21 33
Afghanistan	63 241	584 12	2 12 09	96 05 1	984 85	11 4 01	34 72 0	...	0 52 82	1 12 21
Caltex Rotterdam	63 139	494 12	1 24 19	98 01 0	010 86	00 9 01	...	...	0 04 77	1 24 34
Laarderkerk	63 255	574 12	0 32 07	98 00 0	987 96	00 9 00	75 72 0	...	0 20 88	1 32 x0
Afghanistan	63 232	592 18	2 14 01	97 00 1	987 86	xx x xx	34 10 2	...	0 01 79	1 14 21
Alfred Fraissint	63 264	560 18	0 24 10	98 02 0	974 89	00 9 00	25 21 0	...	0 58 86	1 24 x0
Riyadhmaru	63 219	623 18	3 25 08	97 01 1	995 79	35 4 00	76 xxx	...	...	..

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	003 282 252	834 272 225	...	420 185 142	...	105 112 062	378 045 022	842 538 562	577 639 660	971 768	258 005	...	...
Jiwani ...														
Karachi ...	00 00	993 268 258	Misda	...		...					...	...	...	...
Lahore ...	01 00	979 262 245	024 xxxxxx	..	421 205 999	...	070 135 999	346 052 999	827 025 999	608 540 999	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St.HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 212 162	800 162 115	544 000 530	350 695 732	...	...	...	...	...	350 695 732	...	..
Jiwani ...													
Karachi ...	00 00		Misda			...	...	...	...	...		...	...
Lahore ...	01 00	900 225 999	800 185 999	460 000 999	340 575 999	—	...	—	—	—	340 575 999	...	—
Multan ...													
Peshawar ...													
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of ° C.)
St:-Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

At 1200 hrs. G.M.T. of Previous day (dd ff)

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	14 10	15 13	17 16	17 13	15 12	—	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...
Chhor ...	24 01	33 04	35 07	02 13	02 16	05 30	...	...	...
Chittagong ...	19 12	19 15	19 16	18 15	16 11	15 09	15 08	11 11	12 12
Cox's Bazar ...	18 12	19 12	...	...	...	...	...	...	...
Dacca ...	16 11	16 15	16 14	15 13	16 10	15 04	11 03	19 03	26 02
Dalbandin ...	..	—	xx xx	21 03	28 01	02 08	01 10	34 07	32 05
D. I. Khan ...	—	—	—	...	...	...	...	...	...
Drosh ...	—	—	—	...	22 21	21 13	20 09	27 08	20 19
Fort Sandeman ...	...	...	...	09 07	04 05	30 09	...	...	...
Jacobabad ...	14 04	10 06	09 04	30 14	32 09	09 41	07 20	06 15	06 22
Jessore ...	14 13	15 17	16 15	15 12	14 15	14 13	...	...	...
Jhelum ...	30 02	18 02	18 03	14 06	13 05	13 05	23 05	08 02	36 06
Jiwani ...	18 10	21 09	23 08	31 02	33 08	36 13	01 08	...	...
Karachi ...	26 14	11 04	11 03	07 16	...	...	...	...	...
Khanpur ...	02 21	04 17	06 12	09 12	10 08	02 15	...	...	...
Lahore ...	09 04	06 07	05 06	05 05	07 06	07 04	17 06	25 03	30 07
Multan ...	04 06	05 08	05 07	04 27	05 06	05 07	36 15	36 05	34 07
Muscat ...	—	—	—	—	—	—	—	...	...
Panjgur ...	—	— —	...	—	—	—	...	...	—
Peshawar ...	...		...	...					
Quetta ...	...	..	...	...	24 08	34 04	30 07	32 05	29 04
Sharjah ...	...		...						
Sylhet ...	08 03	13 04	18 05	17 06	18 06	21 07	04 02	22 01	26 04
Veraval ...	...	...	...	...	...	...	...	...	—

A 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	20 09	20 21	20 17	19 13	19 09	18 07
Chaklala ...	...	07 02	06 01	11 06	12 11	12 08
Chhor ...	22 08	32 08	02 08	03 14	...	...
Chittagong ...	15 13	16 17	16 16	...	..	...
Cox's Bazar ...	16 09	...	...	...	...	...
Dacca ...	18 14	18 19	18 19	18 13	19 11	18 12
Dalbandin ...	...	—	16 10	18 08	14 04	27 07
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	—	—	23 04	20 08	20 06
Fort Sandeman ...	...	...	—	06 06	19 01	04 04
Jacobabad ...	36 09	08 19	09 15	07 07	01 10	04 13
Jessore ...	15 13	16 14	17 13	...	..	...
Jhelum ...	34 03	08 02	09 07	08 07	13 07	12 13
Jiwani ...	29 07	30 08	33 10	..	...	...
Karachi ...	30 10	30 12	28 14	...	...	...
Khanpur ...	05 11	06 07	07 07	06 15	07 16	08 27
Lahore ...	08 07	17 05	16 09	16 07	15 09	14 08
Multan ...	07 10	07 10	05 11	03 11	03 09	02 12
Muscat ...	—	—	...	...	...	...
Panjgur ...	...	—	...	...	...	—
Peshawar ...	...	...	...	...		
Quetta ...	...	—	...	...	18 11	26 07
Sharjah ...	...		...	...	...	...
Sylhet ...	No	Ascent	...	...	...	...
Veraval ...	...	...	—	...		...

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	13 06	13 09	14 12	...	...	...	...	...	...	...	—
Chaklala ...	—	—	...	...	...	..	...	...	...	—	...
Chhor ...	...	...	...	...	..	...	..	...	..	...	...
Chittagong ...	18 12	17 14	17 14	...	...	...	...	...	...	...	..
Cox's Bazar ...	No	Ascent	...	...	—	...	—	...	...	...	...
Dacca ...	13 11	15 15	16 15	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	13 02	14 07	10 04	21 03	34 08	34 14	01 13	01 09	33 06
D. I. Khan ...	—	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	—	...	26 02	27 02	25 08	...	...	..	..
Fort Sandeman ...	...	...	...	01 06	02 07	03 04	01 11	...	...	..	...
Jacobabad ...	07 05	08 07	06 07	06 09	03 10	03 15	04 05	13 06	10 06	—	...
Jessore ...	13 07	...	...	...	...	...	...	...	...	...	...
Jhelum ...	33 02	06 03	13 05	15 08	14 09	12 09	15 10	16 03	24 05	26 07	25 18
Jiwani ...	17 09	17 04	29 05	25 09	24 06	36 13	03 14	...	..	—	...
Karachi ...	30 06	31 06	...	..	...	...	...	...	...	...	...
Khanpur ...	05 07	05 12	05 15	05 14	05 18	05 13	21 02	23 07	16 09	11 06	13 13
Lahore ...	20 04	15 05	15 06	12 10	14 12	16 09	15 10	..	...	—	—
Multan ...	05 06	04 07	06 08	07 17	...	...	...	...	—	—	...
Muscat ...	...	...	...	..	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	..	..	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	16 02	35 05	10 08	36 05	03 02	25 08	29 01
Sharjah ...	...	...	...	...	..	...	...	...	...	...	...
Sylhet ...	No	Ascent	...	...	...	...	...	...	...	—	...
Veraval ...	...	—	...	...	...	...	...	..	...		

* The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	18 13	16 19	18 21	20 07	19 11	18 12	06 03	34 03	09 04	14 07	08 10	09 18	06 18	..	..	...	...	..
Karachi ...	Misda	—	—	...	.	...	...	—	—	...	...	...	...	—	...	...	...	..
Peshawar ...		...	—	—	—	...	—	...	...	—	...	—	...	...	...	...	...	
Quetta ...																		

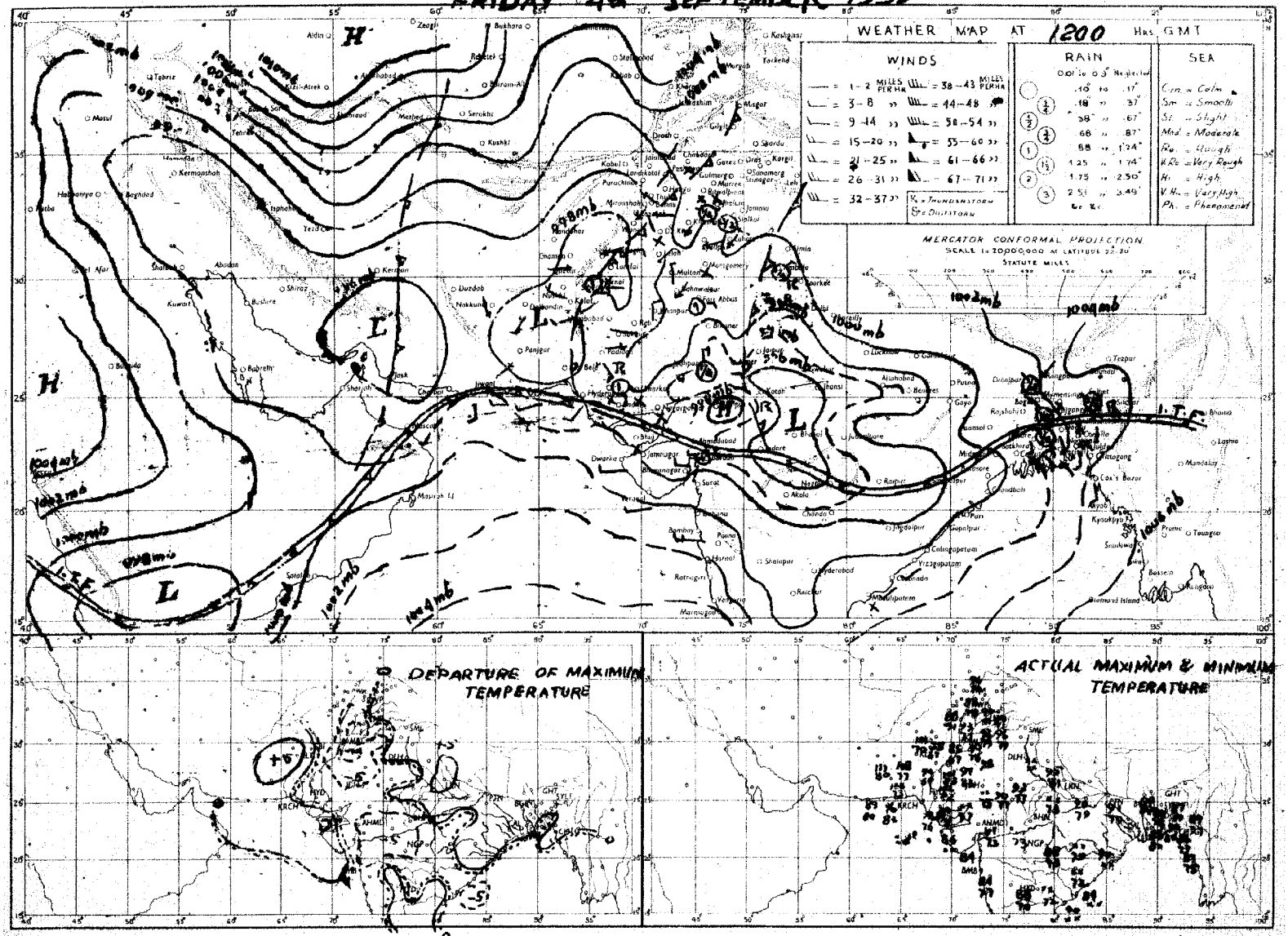
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

FRIDAY 4th SEPTEMBER 1959



Rainfall amounts indicated in the above chart refer to past 9 hours.

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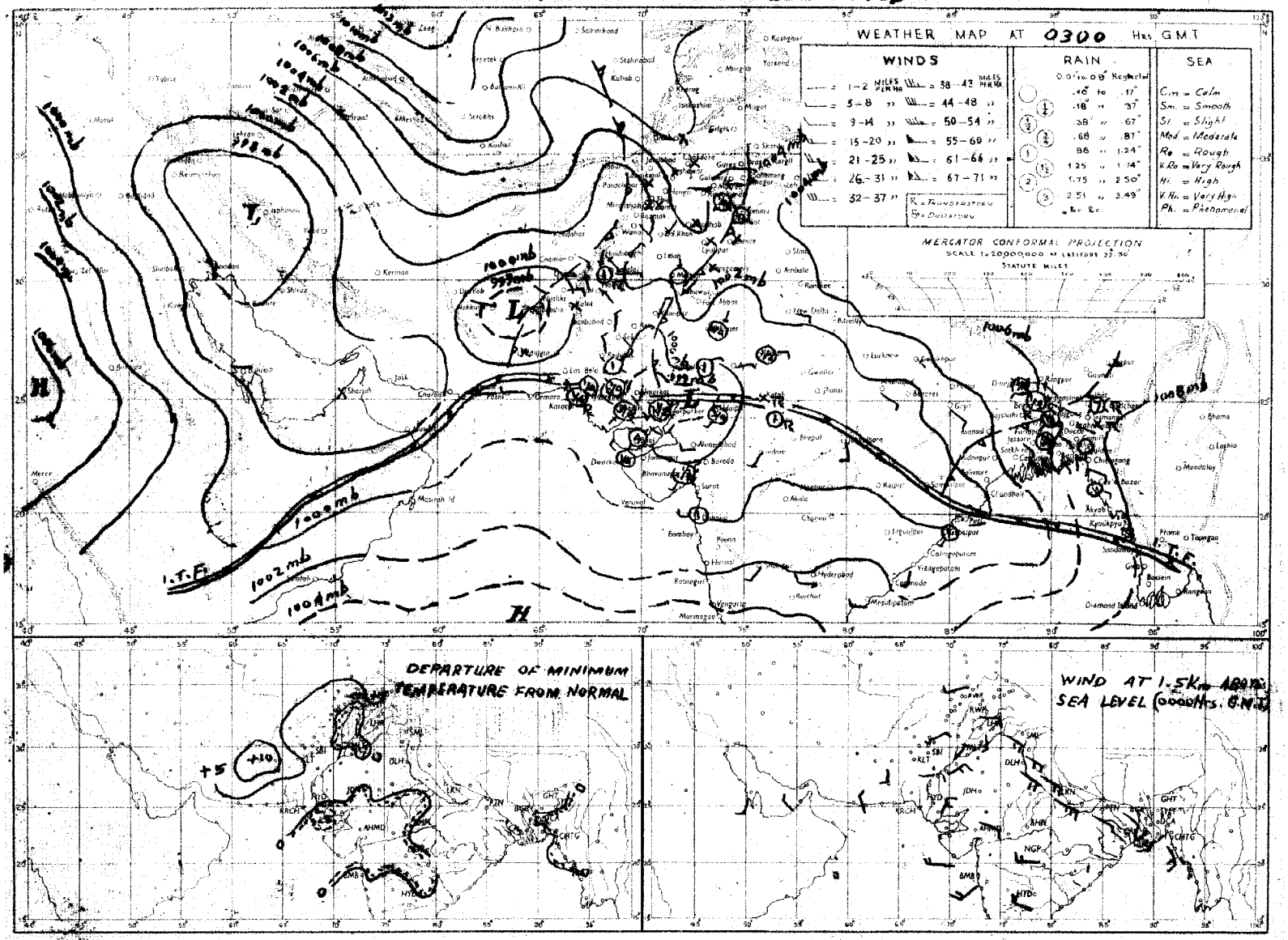
PAKISTAN DAILY WEATHER MAP

MONDAY 5th SEPTEMBER 1959



Rainfall amounts indicated in the above chart refer to past 24 hours.

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Volume No. 13

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 6th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's well marked low now lies over south Hyderabad division and adjoining Saurashtra. It is likely to move westwards, emerge into eastern sector of north Arabian Sea and intensify.

The low pressure wave over Peshawar division is moving across Rawalpindi division and adjoining areas.

They have caused widespread rain/thundershowers in Lahore and Hyderabad divisions and the Federal Capital Area, local thunderstorms/showers in D. I. Khan and Khairpur divisions and scattered in Rawalpindi, Multan, Bahawalpur, Peshawar and Quetta divisions. Locally moderate to heavy falls have been reported from Hyderabad division and the Federal Capital Area.

Rainfall has been fairly widespread in Dacca division and local elsewhere over East Pakistan.

Chief amounts of rainfall are; Karachi (Air port) 4"; Hyderabad 3"; Chhor, Karachi (Manora) and Umerkot 2" each; Maijdee Court, Barisal and Fort Abbas 1¼" each; Kakul, Badin and Mithi 3/4" each; Dacca and Harnai ½" each and Cox's Bazar, Sylhet, Narayanganj, Satkhira, Rajshahi, Bogra, Sialkot, Wana, D. I. Khan and Nagarparkar ¼" each.

Day temperatures were 2—6°F above normal in Kalat and Quetta divisions, and 3—5°F below normal in D. I. Khan, Multan, Bahawalpur and Hyderabad divisions.

Forecast valid until the evening of 7th September, 1959. Fairly widespread rain/thundershowers will occur in East Pakistan, Lahore, Rawalpindi, and Hyderabad divisions, Federal Capital Area and Kashmir, local thunderstorm/showers in Peshawar, Multan, Bahawalpur and Khairpur divisions and scattered elsewhere over West Pakistan.

Heavy Rainfall Warning: Locally moderate to heavy rain will continue in Hyderabad division and the Federal Capital Area during next 24 hours.

Karachi-11
The 6th September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	7	7	16	05	96	15	6	048	80	6	5	6	2	0	77	85
	Chittagong	000	0	8	00	00	97	02	2	042	81	4	2	5	2	2	77	87
	Maijdee Court	008	0	6	13	09	96	03	6	034	82	4	5	1	2	0	76	87
	Comilla	000	0	6	00	00	95	03	1	043	83	6	4	5	0	0	77	88
	Brahmanbaria	000	0	7	03	00	97	03	1	032	85	5	4	5	0	8	78	87
	Sylhet	016	9	8	05	00	96	02	6	045	xx	3	4	5	7	0	77	80
	Srimangal	104	5	8	00	00	96	03	9	036	80	8	3	4	1	1	77	85
Dacca	Mymensingh	000	0	8	13	02	98	02	2	033	83	8	4	6	x	x	79	86
	Narayanganj	004	3	8	18	05	96	03	5	026	84	4	4	4	x	8	78	89
	Dacca (Tezgaon)	004	2	7	13	05	98	21	6	023	82	3	3	4	0	4	78	87
	Faridpur	000	6	2	05	02	96	01	1	030	83	2	4	7	0	0	79	86
	Barisal	022	0	8	13	02	96	63	3	036	82	8	7	5	1	1	76	87
Rajshahi	Khulna	003	0	5	13	02	97	01	2	026	83	5	5	7	0	0	77	86
	Satkhira	026	0	8	00	00	95	61	6	023	80	x	x	8	x	x	78	68
	Jessore	003	4	6	09	03	95	02	6	016	85	4	4	5	6	0	79	88
	Sirajganj	000	0	8	13	03	98	02	2	012	84	8	0	9	5	0	78	88
	Bogra	000	0	7	13	03	96	03	2	018	85	3	4	6	2	0	78	89
	Dinajpur	000	9	7	00	00	96	00	2	017	86	4	5	7	2	x	80	92
	Rangpur	012	2	6	05	02	95	01	6	xxx	83	5	6	6	2	1	79	86
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	007	8	7	09	02	96	01	6	985	86	3	5	6	8	6	86	92
	Sialkot	027	2	6	00	00	98	01	6	997	82	6	5	6	x	x	78	95
Rawalpindi	Jhelum	000	4	3	13	03	98	02	1	987	91	3	2	7	0	0	78	96
	Rawalpindi	000	0	2	03	00	99	00	1	986	91	2	2	7	0	0	75	93
	Khushab	000	0	0	09	02	96	01	1	979	95	1	4	6	0	0	74	96
Multan	Lyallpur	000	0	4	00	00	96	01	9	977	93	4	3	8	0	0	73	92
	Montgomery	000	0	6	00	00	96	03	1	989	88	3	3	7	0	0	77	95
	Multan	000	0	5	09	02	97	01	1	973	97	2	4	6	0	1	92	98
Bahawalpur	Leiah																	
	Khanpur	000	0	4	02	07	96	05	0	959	98	4	3	9	1	0	84	100
	Bahawalpur	000	0	3	47	03	97	00	0	975	95	0	0	9	1	0	77	96
	Fort Abbas	052	4	4	05	03	98	03	6	969	90	0	3	8	0	0	83	92
Peshawar	Chakdara	000	0	1	23	02	98	01	1	987	91	1	1	7	0	0	72	92
	Peshawar	000	0	1	05	09	98	02	0	977	93	1	3	6	0	1	75	95
	Haripur	000	4	3	23	04	97	03	0	908	89	3	1	6	0	0	70	92
	Campbellpur	000	0	4	27	05	98	03	0	023	93	4	2	6	0	0	77	93
D. I. Khan	Bannu	000	7	3	13	01	99	01	9	982	94	3	1	6	0	0	73	95
	D. I. Khan	000	6	0	00	00	98	00	0	974	95	0	0	9	0	0	79	98
Quetta	Sibi	000	0	0	13	02	99	00	0	958	05	0	0	9	0	0	68	06
Kalat	Nokkundi	000	0	0	13	02	98	02	0	916	07	0	0	9	0	0	28	08
	Turbat	000	0	0	27	02	96	00	0	960	06	0	0	9	0	0	74	xx
	Jiwani	000	0	4	18	10	97	01	2	983	87	0	0	9	0	1	78	91
	Pasni																	
	Ormara	000	0	4	17	12	98	01	1	966	87	4	0	9	2	0	78	90
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	8	25	09	96	03	2	970	85	0	0	9	2	0	70	87
	Karachi (Air Port)	004	4	8	23	02	96	95	9	973	85	5	9	5	2	x	81	92
	Badin	000	2	9	23	02	95	02	2	965	83	6	9	7	0	0	79	86
	Nagarparkar	000	0	8	00	00	96	02	2	968	86	8	7	7	0	0	63	90
	Umerkot	017	3	8	31	03	98	00	6	958	84	8	5	6	0	0	80	94
	Hyderabad	155	5	8	00	00	97	02	6	979	80	4	6	5	2	0	78	95
Khairpur	Pad-i-dan	000	0	3	05	10	97	03	0	960	97	2	3	6	0	1	72	00
	Nawabshah	000	0	7	13	02	97	17	9	966	83	3	3	6	2	0	75	96
	Sukkur	000	8	4	36	03	96	02	1	456	96	4	0	9	6	0	75	97
	Kashmore	000	0	3	05	17	99	00	0	987	95	3	1	8	0	0	75	92
	Jacobabad	000	0	4	00	00	96	02	1	955	00	4	2	7	0	0	78	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	005	5	7	05	03	97	02	6	442	66	5	3	3	5	0	61	68
Peshawar	Drosh	000	0	3	23	10	97	01	0	399	92	3	2	7	0	0	55	97
	Cherat	000	0	2	18	03	98	01	0	442	82	1	5	6	0	4	75	85
	Kakul	071	2	2	13	05	99	01	6	439	79	2	1	7	0	0	68	82
	Landi Kotal	000	0	1	16	03	99	01	0	425	88	1	1	7	0	0	65	89
D. I. Khan	Parachinar	000	0	5	31	02	99	00	0	796	76	0	0	9	3	2	63	xx
	Miranshah	000	0	4	05	42	99	02	0	428	89	4	0	8	2	2	75	91
	Wana	029	2	3	00	00	99	60	1	413	77	3	2	8	0	0	61	88
	Fort Sandeman	000	0	4	07	03	98	01	0	426	77	4	5	6	0	0	66	89
Quetta	Hindubagh	000	3	6	09	05	94	03	0	374	88	0	0	9	3	4	53	87
	Loralai	000	0	6	05	07	95	03	2	415	80	3	2	4	3	0	55	87
	Harnai	000	5	5	38	02	98	02	0	576	00	x	0	2	0	0	xx	xx
	Quetta	000	0	2	10	02	97	02	0	409	80	0	7	7	0	0	64	90
	Chaman	040	0	0	34	02	98	00	0	420	98	0	0	9	0	0	37	08
Kalat	Kalat	005	1	3	09	05	97	50	1	420	74	5	7	7	0	0	62	88
	Nushki	000	5	6	23	05	98	03	0	450	03	0	9	6	0	0	69	04
	Dalbandin	000	0	3	13	05	96	01	1	409	04	4	8	9	0	4	48	06
	Panjgur	000	0	3	00	00	98	03	0	432	00	0	0	9	2	0	35	01
Afghanistan	Kabul	000	0	0	18	00	99	00	0	464	80	0	0	9	0	0	64	89
	Kandahar																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	037	9	8	16	03	[illegible]	61	6	099	70	7	4	6	2	4	77	72	− 1	+ 1	1001.3	+ 2.6	117.1	140
Chittagong	100	9	6	13	05	97	02	5	064	80	2	5	6	2	0	77	77	0	+ 1	81.2	+12.8	114.3	108
Maijdee Court	168	3	7	18	07	97	03	5	055	82	2	5	5	2	x	78	76	+ 1	− 2	81.0	+ 8.6	112.8	115
Comilla	000	0	6	18	03	97	01	2	055	82	6	4	8	0	0	76	77	0	0	52.8	− 1.9	78.8	94
Brahmanbaria	000	0	6	11	05	97	3	1	059	83	2	4	4	4	0	77	78	−	−	36.1	− 4.9	62.1	76
Sylhet	024	7	8	09	05	96	02	6	068	80	4	5	5	7	x	76	75	−	−	118.9	−	156.9	—
Srimangal	110	5	7	00	00	97	02	9	068	82	5	4	5	2	x	77	76	− 5	+ 1	57.1	+ 7.0	90.0	98
Mymensingh	000	0	8	17	02	98	02	2	061	80	8	4	6	x	x	77	79	− 2	+ 1	62.7	+11.0	84.8	91
Narayanganj	023	4	8	17	03	96	03	2	053	82	4	4	5	2	x	79	76	+ 1	− 1	43.5	+ 3.5	63.8	74
Dacca (Tezgaon)	063	7	7	11	05	97	01	9	048	81	7	3	9	0	0	78	77	−	−	44.0	−	50.0	—
Faridpur	000	9	8	16	02	97	03	0	054	87	8	5	7	x	x	78	78	− 2	− 1	42.9	+ 2.9	71.3	71
Barisal	110	9	6	09	02	96	03	6	040	80	6	6	5	0	0	79	72	0	− 6	70.3	+21.5	85.1	81
Khulna	000	0	7	03	03	97	03	2	046	83	7	5	6	0	0	78	79	+ 2	+ 1	45.4	+ 5.8	69.2	60
Satkhira	033	4	8	13	03	96	03	2	041	84	4	4	5	2	x	79	79	− 1	+ 1	37.3	− 2.1	58.5	65
Jessore	003	0	8	09	05	97	03	2	040	82	8	4	6	x	x	79	79	−	−	36.5	− 0.9	72.3	65
Sirajganj	012	1	6	47	02	98	57	2	046	75	8	7	5	x	x	78	78	0	0	40.1	+10.6	73.0	64
Bogra	031	6	8	09	05	96	61	6	050	82	6	7	4	1	x	78	79	0	+ 1	47.9	+ 6.6	66.9	69
Dinajpur	000	3	8	00	00	96	02	2	038	81	8	4	7	x	x	77	79	+ 3	+ 1	29.0	−16.8	46.3	72
Rangpur	012	0	7	05	02	96	01	2	xxx	82	7	5	6	0	0	79	77	− 3	− 1	46.1	− 4.4	86.0	84
Jammu																			−				—
Lahore (Jail Rd.)	007	0	3	00	00	96	02	9	016	87	1	1	6	3	[illegible]	75	79	− 5	+ 4	20.8	+ 7.7	24.6	19
Sialkot	027	0	0	00	00	98	00	0	011	85	0	0	9	0	0	76	77	+ 1	+ 1	41.7	+20.7	47.8	32
Jhelum	000	0	1	27	02	97	02	0	011	84	1	0	9	3	0	78	78	−	−	34.2	−	44.5	—
Rawalpindi	000	0	2	27	02	99	01	1	021	81	0	0	9	0	0	77	77	0	+ 6	31.0	+10.2	44.1	36
Khushab	000	0	0	09	02	99	00	0	021	85	0	0	9	0	0	75	77	− 3	− 2	12.8	+ 3.5	18.3	15
Lyallpur	000	0	6	05	02	96	02	9	016	81	6	0	9	5	0	77	79	− 5	+ 2	10.6	+ 2.3	13.4	12
Montgomery	000	0	6	00	00	96	00	0	015	80	3	3	7	0	0	77	80	− 6	+ 1	3.9	− 2.4	6.3	10
Multan	000	0	2	13	02	98	01	1	004	85	2	0	9	3	0	81	82	0	+ 2	5.7	+ 1.2	7.8	7
Leiah	000	0	1	06	00	98	03	0	993	88	0	0	8	4	0	81	81	−	−	—			8
Khanpur	003	0	6	07	03	96	03	0	991	85	6	0	9	0	6	81	82	− 3	−	0.3	−	1.2	6
Bahawalpur	000	0	4	00	00	97	03	0	998	84	0	0	8	1	0	78	81	− 5	+ 4	5.4	+ 1.3	6.5	6
Fort Abbas	127	0	3	07	02	98	03	6	000	84	0	0	8	2	0	81	75	−	−	7.0	—	7.3	4
Chakdara	000	0	0	00	00	98	02	1	003	76	0	0	9	9	0	73	74	−	−	6.4	−	22.0	
Peshawar	000	0	5	31	03	96	03	0	027	61	5	5	6	0	2	78	78	− 2	+ 4	6.4	+ 2.7	19.4	14
Haripur	000	3	3	23	02	97	01	2	007	79	3	5	6	0	0	49	75	−	−	14.5	−	25.4	—
Campbellpur	000	0	0	13	00	98	00	0	027	84	0	0	9	0	0	77	78	−	−	16.2	−	30.1	—
Bannu	000	0	4	00	00	99	02	0	009	89	3	0	9	3	0	74	82	−	−	10.0	−	16.9	11
D. I. Khan	025	3	1	05	02	98	01	7	009	86	0	0	9	0	1	80	80	− 3	+ 2	10.1	+ 5.1	13.9	10
Sibi	000	9	5	00	00	98	03	1	994	87	0	0	9	3	2	76	85	−	−	3.1	−	3.4	5
Nokkundi	000	0	0	09	02	98	02	0	968	85	0	0	9	0	0	33	77	−	−	0	−	1.1	2
Turbat	000	0	0	31	02	94	00	0	990	85	0	0	9	0	0	79	xx	−	−	2.3	−	6.7	—
Jiwani	000	0	7	18	02	96	03	3	004	84	4	6	4	0	1	75	82	−	−	0.1	−	5.7	4
Pasni																							6
Ormara	000	0	6	27	05	98	02	1	993	84	6	2	5	0	0	78	81	−	−	0.2	− 0.6	2.1	6
Las Bela																							8
Karachi (Manora)	345	7	8	00	00	92	95	9	005	77	6	7	4	2	x	77	75	+ 1	− 3	9.2	+ 3.6	9.2	8
Karachi (Air Port)	440	8	8	09	03	96	61	9	001	76	2	7	4	5	x	75	75	−	−	16.0	−	16.3	—
Badin	080	0	8	23	02	95	03	2	970	80	0	8	8	0	0	79	77	− 7	− 1	6.3	− 0.4	6.3	9
Nagarparkar	030	0	8	23	02	96	02	2	978	82	8	7	7	0	0	66	77	−	−	12.1	−	12.1	—
Umerkot	195	0	8	05	02	98	00	0	983	80	8	5	6	0	0	76	77	−	−	15.0	−	15.8	—
Hyderabad	307	9	8	00	00	97	02	6	991	79	2	6	5	2	0	79	77	− 2	0	10.9	+ 5.4	11.7	7
Pad-i-dan	000	5	7	00	00	97	03	5	995	83	4	6	5	2	0	77	80	−	−	5.8	−	6.1	—
Nawabshah	000	0	7	00	00	96	02	9	002	90	7	0	9	7	0	76	77	−	−	5.1	−	5.8	—
Sukkur	000	9	7	00	00	96	03	2	992	86	7	0	9	8	0	79	82	−	−	2.1	−	3.2	4
Kashmore	000	0	4	05	03	99	00	0	985	88	4	1	7	0	0	75	83	−	−	2.0	−	2.1	—
Jacobabad	004	9	6	36	03	96	03	9	999	86	6	0	9	3	0	81	84	− 2	+ 2	3.7	+ 1.6	4.4	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							[illegible]
Dras																							28
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																							—
Gilgit																							5
Murree	005	9	7	27	02	95	92	1	458	63	7	5	2	0	0	62	59	− 1	+ 4	39.4	+ 7.7	64.9	59
Drosh	000	2	4	00	00	97	01	3	446	77	4	2	7	0	0	60	75	+ 6	+ 8	1.3	−	30.4	18
Cherat	071	0	2	18	00	97	03	8	453	73	2	2	6	0	0	71	70	−	+ 3	14.3	+ 3.4	24.3	29
Kakul	000	6	4	41	03	98	03	9	452	79	1	5	7	4	0	65	66	−	−	39.2	−	48.9	—
Landi Kotal	000	0	1	05	03	98	03	0	449	79	1	1	7	0	0	70	xx	−	−	2.5	−	17.6	—
Parachinar	000	0	8	00	00	99	00	8	797	69	0	0	9	0	0	61	xx	−	−	12.3	−	26.2	29
Miranshah	000	0	4	00	00	99	02	0	408	78	0	0	8	2	2	71	74	−	−	2.7	− 1.2	5.7	13
Wana	000	0	0	00	00	99	00	0	423	75	0	0	9	0	0	65	66	−	−	4.5	−	13.5	—
Fort Sandeman	000	0	2	05	03	98	03	0	454	78	2	2	6	0	0	64	72	− 7	+ 4	5.9	+ 1.1	14.6	11
Hindubagh	000	0	0	00	00	98	00	0	418	68	0	0	9	0	0	51	67	−	−	3.9	−	12.0	—
Loralai	000	0	3	00	00	97	00	9	412	72	0	0	5	0	3	64	65	−	−	6.8	−	11.6	—
Harnai	040	0	0	00	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	−	−	6.4	− 0.4	12.7	14
Quetta	000	0	0	00	00	97	00	0	415	72	0	0	9	0	0	63	90	−	−	4.4	+ 3.5	10.0	8
Chaman	000	0	0	23	02	98	02	0	405	77	0	0	9	0	0	55	71	+ 6	+ 5	0.2	+30.2	6.3	7
Kalat	005	0	1	40	00	98	03	1	[illegible]	71	1	0	9	3	0	60	80	+ 2	+ 9	4.1	+ 2.9	8.5	9
Nushki	000	2	1	18	05	98	03	0	470	89	0	0	9	0	1	58	82	−	−	1.0	−	2.8	—
Dalbandin	000	9	3	07	03	96	03	0	412	84	0	0	9	0	5	55	75	+ 3	+ 12	0.2	− 0.1	2.2	5
Panjgur	000	0	2	00	00	98	03	1	443	78	0	0	5	2	0	67	74	+ 2	+ 7	1.5	−	3.1	4
Kabul	000	0	0	18	00	99	00	0	442	71	0	0	9	0	0	59	71	−	−	0	−	0	12
Kandahar																							—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day.

Whenever 999 is given for RRR see the summary above for the actual amounts of rain

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 6th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_aL_aL_a$ GG	N dd ff	VV ... W	PPP TT	$N_hC_hhC_mC_H$	D,V.s PP	8 N, Ch, h,	0 T, T_w T_d T_d	Id.d.PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Udaipur										
Rizwani										
Anwarbakah										
Alfred Holt										
Afghanistan										
Pasifika										
Rosalind										
Regina										
Alfred Holt										
Afghanistan										
Anwarbakah										
Alfred Holt										
Anwarbakah										

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_w$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT T$_w$T$_w$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sagra														
Chittagong														
Dacca	01 00	083 268 258	838 232 198	...	400 495 462	...	108 115 078	385 048 582	857 538 562	609 618 632	964 748	..	...	...
Jiwani														
Karachi	00 00	997 248 248		...	380 482 999		005 190 999	...	...	...	...	...	...	...
Lahore	00 00	..	Missa	..		...		...	...	...	...	...	...	...
Multan														
Peshawar	23 00	960 273 235	..	...	490 222 222	..	099 112 112	362 048 022	861 540 999	582 638 999	926 752	...	...	..
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT T$_w$T$_w$T$_d$								Max. Height Reached PPPTTT T$_w$T$_w$T$_d$	TROPOPAUSE: St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Sagra													
Chittagong													
Dacca	01 00	900 285 192	900 175 122	..	...	...	...	...	...	...	800 175 122	...	..
Jiwani													
Karachi	00 00	...		...	...	...	...	...	...	...	700 100 999	...	...
Lahore	00 00		Missa										
Multan											...	...	...
Peshawar	23 00	900 288 258	880 148 188	350 688 999	290 770 999	...	...	...	...	...	290 770 999	...	..
Quetta													

PPP—Pressure in hundreds (first and units of millibars.
TTT, $T_dT_dT_d$: Dry Bulb; Dew Point temperature(in tenths of + C.)
N—Character of temperature.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry-bulb temperatures in et...
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in Kms. a.s.l.	At 1200 hrs. G.M.T. of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Sagra	14 15	14 19	15 19	15 15	15 06	20 04				10 15		09 05	16 03	13 04	14 04	12 05	12 15	11 21	12 18	...	...	...	...	...	...	...	...
Chaklala		11 02	14 04	11 04	12 06	14 09	10 04	08 06	08 06								...								
Chhor	01 07	03 11	04 13							07 07	13 12														
Chittagong	18 19	18 24	18 25	18 19	18 18	...	...	...	...	16 22	17 23	17 24	17 20	19 08	19 08										
Cox's Bazar	17 17	18 21	18 20	19 15	22 06					18 19	19 19	20 25				18 20	19 25	19 25	21 17						
Dacca	16 10	16 20	15 19	15 15	15 13	16 14	13 06	08 02	04 05	15 15	15 78	16 23	17 19	16 29		13 12	13 17	14 17	13 16	18 14	14 19	16 12	16 13	16 10	...	...
Dalbandin				33 01	27 10	29 08	29 05	01 05	01 08	36 11			15 09	17 33	16 11	28 06			12 07	15 11	15 05	28 07	29 03	15 14	...	...
D. I. Khan																										
Drosh					22 15	20 12	21 19	20 29	20 26					24 02	25 07	22 12				24 06	21 04	19 03	24 03	24 03	01 04	...
Fort Sandeman				09 07	08 07	01 13	36 17	04 05						05 09	02 07	02 04										
Icoabad	33 03	08 04	36 03	09 04						06 07	08 11	07 11	06 12	02 13	04 18	07 07	07 11	07 14	06 15	05 15	04 10	...	...	...	...	...
Jacobabad	15 13	16 18	16 19	16 19	15 16	15 13	...	...	...	15 10	14 11	15 11				No Ascent										
Jiwani	20 01	14 05	14 08	14 08	14 04	13 03	35 03	30 07	30 06	34 03	08 03	10 05	14 05	12 01	13 01	24 01	48 01	25 01	17 02	24 01	01 01	23 02	20 03	24 08	25 13	24 10
Kalat	18 07	22 07	24 07	26 08	36 06	36 14	01 15	01 11	03 17	19 05	18 05	20 06														
Karachi	29 14	33 11	01 14							No Ascent						38 15	36 16	02 19								
Khanpur	04 21	04 13	02 14							07 08	08 14	06 12	05 16	04 21	06 22	07 12	08 15	07 17	05 27	06 28	06 31					
Lahore	09 06	08 06	08 07	11 09	14 10	12 07	21 06			08 11	13 10	14 06	10 05	15 05	15 06	09 04	10 05	11 07	12 08	11 07	16 05	07 09	36 01			
Multan										06 07	35 06	02 08	04 08	05 07	08 05	07 05	08 09	05 10	09 07							
Muscat																										
Panjgur																										
Peshawar		06 06	10 05	18 06	23 05	06 04	04 09	03 08	02 09		34 07	06 05	12 05	13 06	11 05											
Quetta					25 06	33 09	01 06	31 03	01 04					13 03	35 08				27 08	01 07	07 11	18 09	17 08	17 08	15 04	
Sharjah																										
Sibbi	07 03	13 05	14 06	14 09	16 08					24 03	17 09	17 07	17 07	17 07		10 05	16 04	17 03	14 07	14 07	15 09					
Yarawal																										

* The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	14 21	15 28	16 19	16 17	15 24	15 37	16 17	15 21	15 17	14 13	18 07	18 13	15 07	14 18	..	..	..	..
Karachi	34 05	30 04	03 18	03 25	02 21	04 33												
Peshawar		01 12	xx xx	xx xx	xx xx	xx xx	15 07	12 10	17 06	18 01	13 01	xx						
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 resulted figures for wind speed "ff" is omitted.

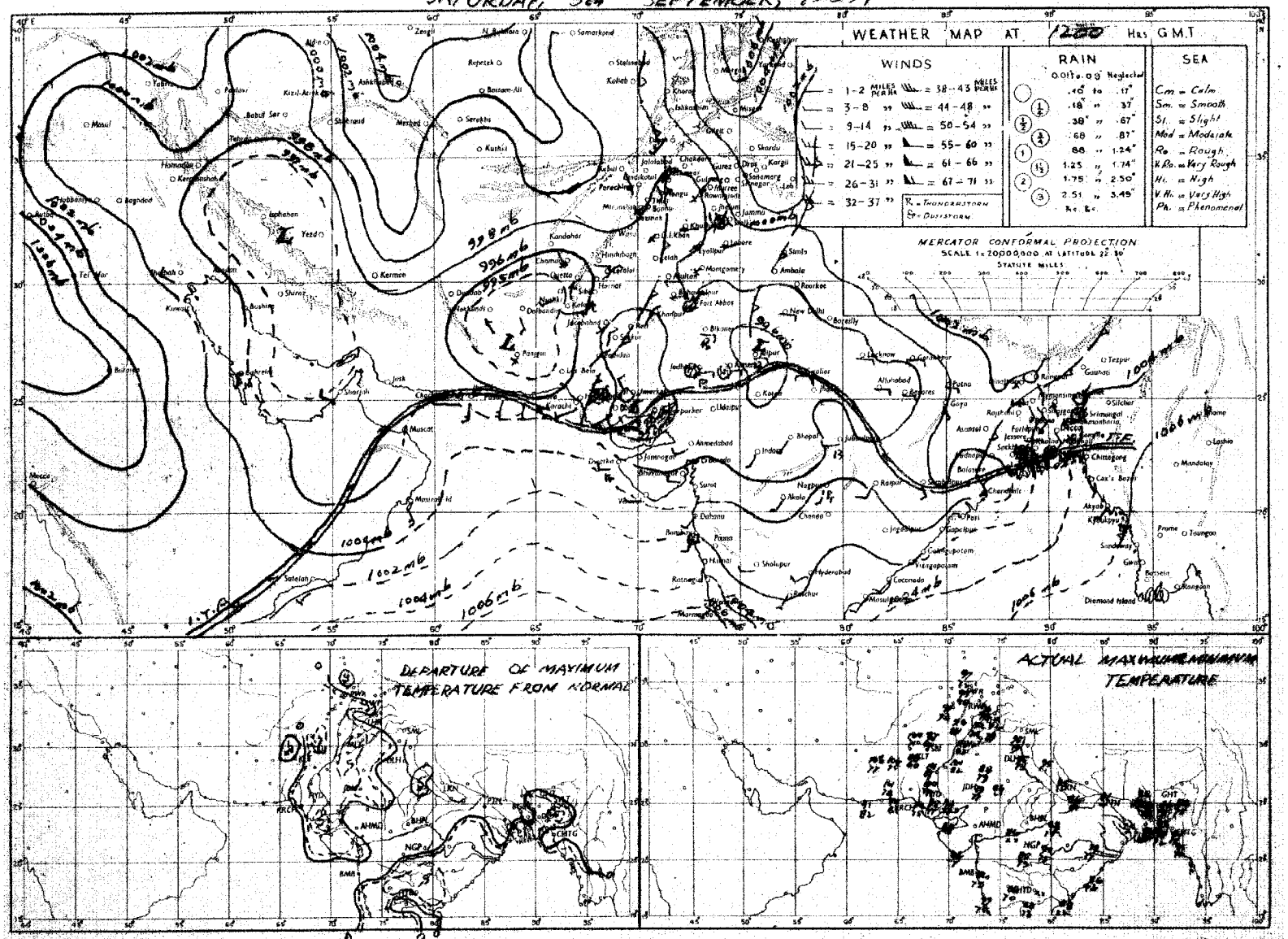
Cloud observation Data (GGiii Cdd V,V, etc.)

05 712 31 544
06 745 80 340

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 Fleet, KARACHI-11.

PAKISTAN DAILY WEATHER MAP

SATURDAY, 5th SEPTEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

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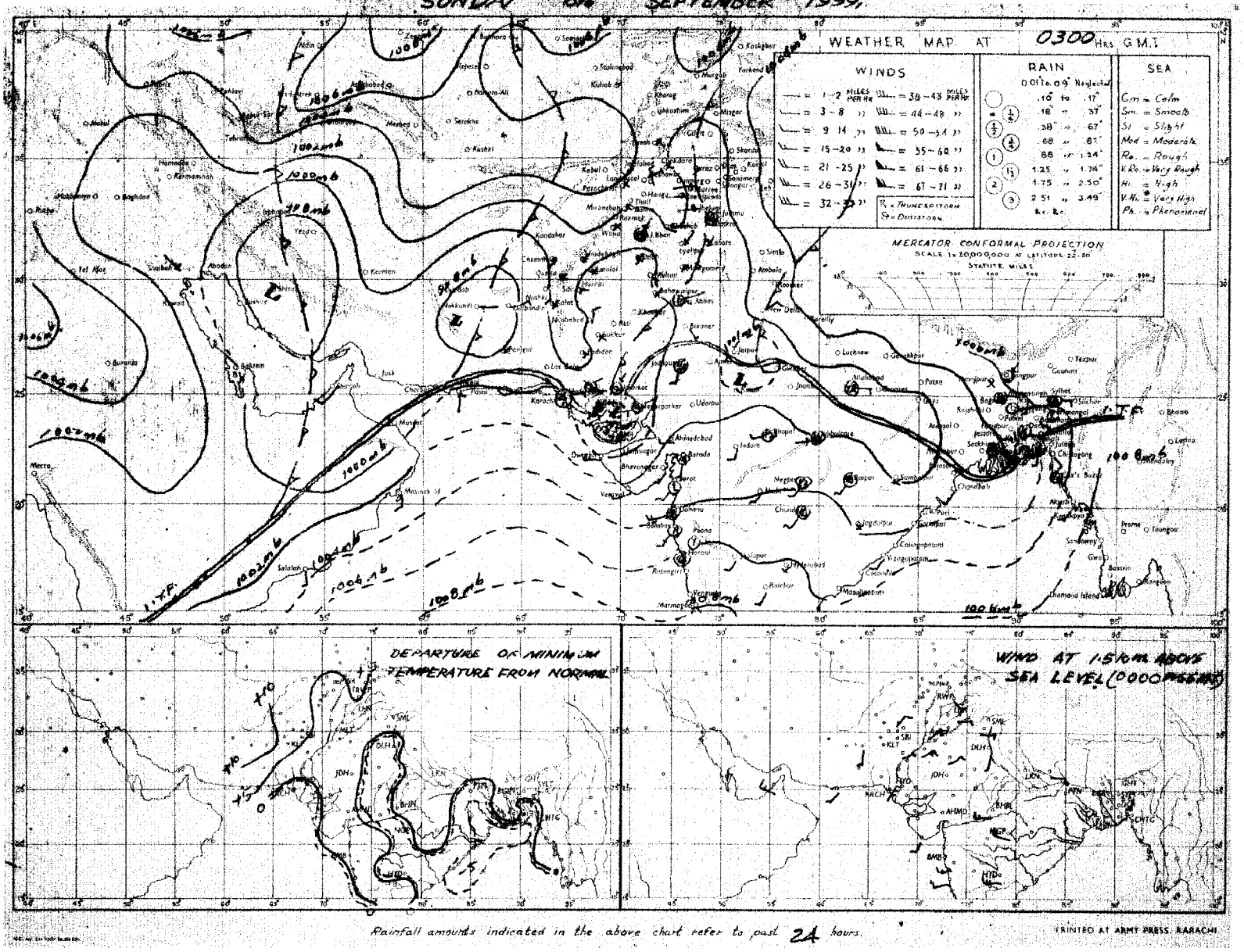
PAKISTAN DAILY WEATHER MAP

SUNDAY 6th SEPTEMBER 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No.S-1457
Volume No. 13

MONDAY THE 7th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's well marked low over Hyderabad division and neighbourhood has slightly weakened and persists there. It is likely to move northwestwards and weaken further.

Yesterday's low pressure wave over Rawalpindi division is moving away across Kashmir while a fresh low pressure wave is moving across Peshawar division.

Rain/thundershowers have been fairly widespread in Lahore, Bahawalpur, Quetta and Khairpur divisions, local in Multan and Hyderabad divisions and the Federal Capital area and scattered in Rawalpindi, Peshawar and Kalat (north) divisions.

Fairly widespread rain has fallen in Chittagong and Dacca divisions and local in Rajshahi divisions.

Chief amounts of rainfall are: Cox's Bazar, Murree and Karachi (Manora) 2" each; Faridpur 1½"; Maijdee Court, Rangpur, Karachi (Airport) 1" each; Comilla, Srimangal, Dacca, Fort Abbas, Kakul 3/4" each; Chittagong, Narayanganj, Khulna, Sirajganj, Bogra, Sialkot, Hindubagh, Sibi, Harnai and Hyderabad ½" each; Barisal, Kalat and Padidan ¼" each.

Day temperatures were generally 3—7°F below normal in the country outside Kalat division.

Forecast valid until the evening of 8th September, 1959. Rain/thundershowers will be local in Rawalpindi, Lahore, Hyderabad and Khairpur divisions, Kashmir and East Pakistan and scattered elsewhere over West Pakistan.

Karachi-11
The 7th September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

Part A — At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	147	9	6	16	03	95	60	6	038	77	3	5	6	5	2	77	85
	Chittagong	056	8	6	16	05	97	02	6	038	79	2	2	6	2	2	76	82
	Maijdee Court	070	9	7	18	09	95	02	4	028	80	5	5	6	2	0	76	82
	Comilla	070	9	7	18	09	95	02	6	028	80	5	5	6	2	0	76	82
	Brahmanbaria	000	0	8	13	02	95	03	2	032	83	6	9	4	2	0	77	89
	Sylhet	000	0	6	09	02	97	01	2	029	82	4	8	6	3	1	78	83
	Srimangal	072	3	7	00	00	97	03	9	035	79	5	3	4	4	x	78	89
Dacca	Mymensingh	007	8	8	13	02	98	02	6	025	84	8	7	4	1	1	78	83
	Narayanganj	042	7	6	16	05	96	03	6	020	82	2	7	3	7	0	78	86
	Dacca (Tezgaon)	024	9	7	13	05	98	01	6	014	80	3	3	4	4	1	77	84
	Faridpur	016	6	8	16	02	96	61	6	020	80	8	4	6	x	0	77	86
	Barisal	002	4	6	02	00	97	03	5	016	83	6	0	8	4	0	79	85
Rajshahi	Khulna	066	1	7	00	00	96	01	6	013	79	7	5	6	0	0	78	85
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	002	3	8	09	02	98	03	6	006	82	8	8	5	1	1	79	88
	Sirajganj	018	8	8	09	03	98	02	2	007	83	8	2	9	0	4	77	84
	Bogra	034	0	7	09	03	96	02	6	017	83	5	5	4	0	9	78	86
	Dinajpur	000	9	6	09	02	96	01	2	013	85	2	5	7	1	3	76	90
	Rangpur	002	5	6	13	02	96	01	5	111	85	4	4	6	2	0	76	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	011	4	6	13	05	96	02	9	982	90	3	5	6	4	4	77	92
	Sialkot	000	0	2	23	02	99	02	0	968	94	2	1	6	x	x	79	95
Rawalpindi	Jhelum	000	0	2	23	02	98	02	0	965	95	2	2	7	0	0	76	96
	Rawalpindi	000	0	1	03	00	99	00	1	957	92	1	1	7	0	0	75	94
	Khushab	000	0	1	13	02	96	01	1	960	96	0	0	7	7	2	75	96
Multan	Lyallpur	000	0	6	00	00	96	02	9	971	90	6	3	8	0	0	79	94
	Montgomery	012	1	8	09	03	96	03	2	982	82	4	4	7	0	0	76	95
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	Leiah	000	0	6	06	10	97	17	2	970	93	5	6	8	5	0	81	97
	Khanpur	000	0	3	02	03	94	07	0	990	87	8	8	7	0	0	75	97
	Bahawalpur	000	5	8	07	02	96	03	6	996	80	0	0	8	8	0	77	91
	Fort Abbas	077	3	8	05	04	97	60	6	994	80	0	6	6	0	0	79	95
Peshawar	Chakdara	000	0	1	23	02	99	01	1	970	91	1	1	7	0	6	75	93
	Peshawar	000	0	1	05	03	98	02	0	957	94	1	1	6	0	0	74	93
	Haripur	000	6	3	23	02	97	01	2	961	86	3	5	6	0	0	76	93
	Campbellpur	000	0	1	18	02	98	03	0	977	95	1	1	9	0	0	72	96
D. I. Khan	Bannu	000	0	2	11	01	99	01	0	948	95	7	1	6	0	0	69	96
	D. I. Khan	000	6	3	00	00	98	03	0	956	86	0	0	9	3	0	81	99
Quetta	Sibi	000	0	7	13	03	98	03	1	949	05	2	8	5	3	2	69	07
Kalat	Nokkundi	000	0	0	29	02	98	02	0	903	09	0	0	9	0	0	32	09
	Turbat	000	0	0	31	02	99	00	0	962	05	0	0	9	0	0	77	06
	Jiwani	000	0	4	18	14	97	01	2	975	87	0	0	9	0	1	75	89
	Pasni																	
	Ormara	000	0	5	12	07	98	02	1	970	89	5	2	6	0	0	77	91
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	108	8	8	27	10	93	51	9	991	82	0	0	9	2	0	82	83
	Karachi (Air Port)	086	7	8	27	10	96	21	6	964	81	5	5	5	2	x	80	84
	Badin	007	0	2	23	02	96	03	6	983	84	0	2	7	0	0	78	85
	Nagarparkar	000	0	8	00	00	96	02	2	971	85	8	7	7	0	0	64	88
	Umarkot	000	0	6	13	05	98	00	0	986	47	6	2	6	0	0	77	89
	Hyderabad	000	0	8	00	00	97	02	2	977	97	5	6	5	2	0	79	90
Khairpur	Pad-i-dan	022	4	8	00	03	97	61	9	979	79	3	7	4	1	6	76	94
	Nawabshah	000	0	6	05	05	96	01	2	982	83	6	7	5	0	0	74	91
	Sukkur	000	8	8	27	02	96	03	2	974	89	8	0	9	7	0	78	96
	Kashmore	000	1	8	xx	xx	99	10	3	977	83	8	1	4	0	0	74	92
	Jacobabad	000	3	7	05	03	96	29	9	978	84	2	9	6	2	0	71	98
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	006	4	8	04	02	96	03	6	429	66	8	9	3	x	x	63	69
Peshawar	Drosh	000	0	4	23	09	97	03	0	379	91	4	8	7	0	0	55	98
	Cherat	000	0	0	18	03	98	00	0	403	72	0	0	9	0	0	77	93
	Kakul	083	8	4	16	02	97	03	1	421	80	4	2	6	0	2	68	84
	Landi Kotal	000	0	1	13	03	98	91	6	406	87	1	1	7	0	0	69	89
D.I. Khan	Parachinar	000	0	4	11	02	99	03	0	796	80	0	0	9	0	0	61	xx
	Miranshah	000	0	8	03	00	99	00	0	411	92	0	0	9	0	0	72	93
	Wana	030	2	4	00	00	99	50	1	903	84	4	5	8	0	0	84	88
	Fort Sandeman	000	0	6	05	09	99	02	0	415	89	6	2	6	0	0	59	91
Quetta	Hindubagh	000	5	5	11	04	96	03	0	359	86	0	0	9	3	4	53	86
	Loralai	000	5	4	31	01	96	03	9	400	86	4	3	4	0	0	79	87
	Harnai	000	5	7	09	02	52	02	0	xxx	80	x	x	x	x	x	xx	xx
	Quetta	000	5	6	18	16	97	03	9	394	85	2	9	5	3	1	57	90
	Chaman	000	0	0	34	02	98	00	0	398	97	0	0	9	0	0	45	91
Kalat	Kalat	024	2	6	05	07	97	01	4	418	75	6	4	6	0	0	55	86
	Nushki	000	0	3	09	05	98	03	0	450	03	0	0	9	0	1	67	05
	Dalbandin	000	8	1	31	03	96	03	0	403	05	1	1	7	0	0	47	06
Afghanistan	Panjgur	000	0	3	23	02	98	03	1	420	99	0	0	9	3	0	39	90
	Kabul	000	0	0	14	00	99	00	0	503	72	0	0	9	0	0	51	64
	Kandahar																	

Part B — At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	184	9	8	13	05	95	00	6	056	77	6	4	6	2	2	77	75	− 1	− 1	103.1	+ 3.7	118.9	140
Chittagong	057	9	6	13	05	97	02	6	053	82	9	2	5	2	0	79	77	− 5	+ 1	81.7	+12.6	114.7	108
Maijdee Court	100	9	8	18	02	97	02	6	047	80	2	5	6	2	0	79	77	− 4	− 1	82.0	+ 9.0	113.8	115
Comilla	070	0	5	00	00	97	03	2	034	83	5	4	5	0	0	77	77	− 6	0	53.5	− 1.6	79.6	94
Brahmanbaria	000	0	7	13	09	97	03	1	046	84	7	5	5	0	0	78	78	—	—	36.1	− 5.3	62.1	76
Sylhet	002	9	7	09	05	97	02	6	050	85	3	8	6	3	0	80	78	—	—	118.9	—	156.9	—
Srimangal	072	0	6	00	00	97	03	2	055	84	4	4	5	0	0	77	76	− 2	+ 1	57.8	+ 7.3	90.7	98
Mymensingh	007	0	8	13	02	97	02	2	053	82	8	6	6	x	x	76	76	− 3	− 2	62.8	+10.6	84.9	91
Narayanganj	052	9	8	13	05	96	03	6	035	83	7	7	4	x	x	78	78	− 3	− 1	44.0	+ 2.7	64.3	74
Dacca (Tezgaon)	074	4	8	13	05	96	97	6	031	79	8	9	2	x	x	79	79	—	—	44.7	...	60.7	—
Faridpur	165	9	8	16	02	97	03	6	045	80	6	5	6	1	0	79	75	− 2	− 4	44.6	+ 4.2	73.0	71
Barisal	022	4	5	18	02	97	03	5	027	83	3	0	8	4	2	79	79	− 3	+ 1	70.5	+20.4	85.3	81
Khulna	006	0	7	18	03	97	01	2	031	83	7	5	6	0	0	78	78	− 3	0	49.0	+ 6.2	69.9	48
Satkhira	006	0	8	00	00	95	61	6	029	80	x	x	7	0	x	79	79	—	+ 1	37.4	− 2.3	56.6	65
Jessore	002	0	8	09	05	97	03	2	025	83	6	4	6	6	x	80	78	—	—	36.5	−11.2	73.3	66
Sirajganj	042	3	8	09	03	98	50	5	016	80	7	7	6	0	0	77	78	− 4	0	48.6	+18.6	73.4	64
Bogra	062	9	8	05	09	96	63	6	040	78	7	7	4	2	x	77	78	− 3	0	48.5	+ 6.8	67.6	69
Dinajpur	004	3	8	00	00	96	02	2	040	80	8	4	7	2	0	72	78	+ 1	0	29.0	−17.2	46.3	72
Rangpur	114	0	7	02	09	96	03	2	xxx	79	7	5	6	x	x	77	77	0	− 1	47.2	− 4.3	67.1	84
Jammu																							—
Lahore (Jail Rd)	011	9	6	09	02	96	01	1	036	71	2	3	6	7	1	73	77	− 5	+ 2	20.9	+ 7.6	24.7	19
Sialkot	094	2	4	13	02	98	01	6	027	77	3	4	6	3	x	75	74	0	− 2	42.2	+21.6	48.2	32
Jhelum	000	3	6	23	02	98	01	2	020	92	4	1	7	3	0	75	79	—	—	34.2	—	44.5	—
Rawalpindi	000	0	7	00	00	99	03	5	021	80	7	6	5	0	0	72	76	0	+ 5	31.0	+10.1	44.0	36
Khushab	000	0	3	09	02	96	03	2	012	83	3	3	6	0	0	72	79	− 4	0	12.8	+ 3.5	18.3	15
Lyallpur	000	3	6	05	02	95	95	9	016	80	x	x	x	x	x	76	xx	− 3	×	10.6	+ 2.3	13.4	12
Montgomery	012	0	6	00	00	96	03	2	026	81	3	3	7	0	0	78	79	− 6	0	4.1	− 2.3	6.4	10
Multan	000	0	5	00	00	97	02	1	018	82	3	0	9	7	2	77	80	—	0	5.7	+ 1.2	7.0	7
Leiah	000	0	2	00	00	96	88	8	008	82	0	0	8	8	0	81	81	—	—	—	—	—	8
Khanpur	000	0	3	18	02	96	03	0	004	86	3	0	9	3	0	77	76	− 6	− 2	0.3	+ 4.4	1.2	6
Bahawalpur	000	5	7	00	00	96	03	2	011	80	0	0	8	5	0	79	78	− 2	+ 1	5.4	+ 1.3	6.5	6
Fort Abbas	077	0	8	07	02	98	00	6	010	81	0	8	8	0	0	80	72	—	—	7.8	—	8.1	4
Chakdara	000	0	4	00	00	99	02	2	020	76	0	0	8	4	0	72	74	—	—	6.4	—	23.0	—
Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	− 3	—				14
Haripur	000	8	8	05	04	96	16	1	997	78	0	6	0	0	0	75	75	—	—	14.5	—	25.9	—
Campbellpur	000	7	4	13	02	97	17	0	031	88	4	3	8	0	0	76	78	—	—	16.2	—	30.1	—
Bannu	000	0	5	00	08	99	02	0	002	60	5	0	9	7	0	73	xx	—	—	10.0	—	16.9	11
D. I. Khan	000	2	4	10	32	98	02	h	003	63	0	0	9	4	0	77	79	− 2	+ 1	10.1	+ 5.2	13.9	10
Sibi	060	9	5	00	00	98	92	9	008	80	0	0	9	8	0	76	75	—	—	3.7	—	4.0	5
Nokkundi	000	0	0	11	02	98	02	0	983	87	0	0	9	0	0	43	79	—	—	0	—	1.1	2
Turbat	000	0	3	27	20	95	03	0	000	83	0	0	9	6	0	43	xx	—	—	2.3	—	6.7	—
Jiwani	000	0	6	18	02	97	03	0	007	83	6	6	4	0	0	72	80	—	—	0.1	—	5.7	4
Pasni																							6
Ormara	000	0	7	00	00	98	02	1	000	84	7	2	5	0	0	77	88	—	—	0.2	− 0.6	2.1	6
Las Bela																							8
Karachi (Manora)	201	9	7	00	00	94	10	9	001	81	0	0	9	3	1	80	78	− 2	0	11.2	+ 5.5	11.2	8
Karachi (Air Port)	113	9	7	00	00	96	02	9	001	61	2	0	9	3	6	79	77	—		17.1	—	17.4	—
Badin	087	3	9	23	02	95	20	0	999	81	0	9	7	0	0	78	78	− 9	0	6.4	− 0.3	6.4	9
Nagarparkar	000	0	6	00	00	95	02	2	965	81	6	7	7	0	0	72	77	—	—	12.1	—	12.1	—
Umarkot	000	2	7	09	05	98	00	5	989	81	7	5	6	0	0	80	79	—	—	15.0	—	15.8	—
Hyderabad	061	9	8	00	00	97	02	6	995	81	4	6	5	0	0	79	79	− 7	+ 2	11.5	+ 6.0	12.3	7
Pad-i-dan	027	9	8	05	03	97	03	6	006	80	6	6	4	2	x	79	77	—	—	6.0	—	6.4	—
Nawabshah	000	0	7	05	02	96	02	2	011	82	5	6	5	3	0	79	74	—	—	5.1	—	5.8	—
Sukkur	012	9	8	00	00	96	03	6	015	81	8	0	9	9	0	78	79	—	—	2.2	—	3.3	4
Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
Jacobabad	001	9	5	00	00	96	02	2	010	82	2	0	9	7	0	76	80	− 5	+ 1	3.7	+ 1.6	4.4	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																							—
Gilgit																							5
Murree	194	9	9	13	05	90	49	9	455	62	9	x	0	x	x	61	60	− 1	+ 5	41.4	+ 9.4	66.1	59
Drosh	000	2	5	00	00	97	01	2	437	79	5	3	7	0	0	63	76	+ 8	+ 9	1.3	—	30.4	18
Cherat	000	0	8	18	03	90	47	3	420	72	8	5	6	x	x	72	70	− 2	+ 3	14.3	+ 3.5	29.3	29
Kakul	078	9	6	09	03	98	01	6	448	70	0	9	6	6	0	68	xx	—	—	40.0	—	47.7	—
Landi Kotal	000	0	5	05	02	98	03	2	427	76	3	2	7	9	0	72	xx	—	—	2.5	—	17.6	—
Parachinar	000	0	3	18	02	99	00	0	797	65	0	0	9	0	0	65	xx	—	—	12.3	—	26.2	29
Miranshah	000	0	3	13	02	98	00	0	439	80	4	2	8	2	0	73	76	—	—	2.7	− 1.2	5.7	13
Wana	000	0	0	20	00	99	00	0	444	73	0	0	9	0	0	63	63	—	—	4.5	—	13.5	—
Fort Sandeman	000	0	4	02	03	98	01	0	447	79	4	0	8	8	0	66	73	− 3	+ 5	5.9	+ 1.1	14.6	11
Hindubagh	057	0	0	29	01	98	00	0	405	68	0	0	9	0	1	56	68	—	—	4.5	—	12.5	—
Loralai	[illegible]	0	5	00	00	95	03	9	428	74	2	2	5	0	0	66	67	—	—	6.8	—	12.6	—
Harnai	050	0	0	09	02	96	00	0	xxx	00	0	0	9	0	9	xx	xx	—	—	6.9	0.0	13.2	14
Quetta	000	9	5	16	05	96	03	2	437	72	3	0	8	7	0	65	64	—	—	4.4	+ 3.5	10.0	8
Chaman	[illegible]	0	0	13	02	98	02	0	405	78	0	0	9	0	0	49	71	− 2	+ 5	0.1	0.0	6.3	7
Kalat	000	0	9	16	07	97	03	1	444	71	5	0	9	3	6	60	60	+ 1	+ 9	4.3	+ 3.2	8.7	9
Nushki	000	2	7	18	02	98	03	0	467	86	0	0	9	1	0	68	81	—	—	1.0	—	2.6	—
Dalbandin	000	9	0	13	02	96	02	0	410	79	0	0	9	0	0	61	74	+ 5	+ 11	0.2	− 0.1	2.2	5
Panjgur	000	0	2	00	00	98	03	1	435	77	0	0	9	2	3	70	74	+ 4	+ 7	1.5	—	3.1	4
Kabul	000	0	0	18	00	99	00	0	485	83	0	0	9	0	0	73	76	—	—	0	—	—	12
Kandahar																							—

Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day.

Whenever 999 is given for RRR see the summary above for the actual amounts of rain.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 7th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch h_s	O $T_sT_sT_dT_d$	$Id_wd_w P_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Afghanistan	73 172	563 12	5 21 16	97 05 2	999 75	00 9 70	64 71 5	...	0 03 72	1 21 33
Iswara	73 169	551 12	1 27 16	97 02 1	024 81	66 5 00	60 72 6	...	0 03 79	1 27 21
Syeer	73 222	598 12	6 19 06	95 72 7	085 xx	46 7 07	xx xx x	..	0 08 75	1 19 12
Alfred	73 179	567 12	6 21 23	98 02 0	992 75	00 9 07	55 51 0	...	0 58 51	1 22 22
Artis	73 164	545 12	3 21 10	97 01 1	047 81	31 3 00	59 71 6		0 01 23	1 22 1
Fogo	73 2-8	580 00	0 15 05	48 00 0	965 84	00 9 00	36 40 0		0 54 81	1 09 00
Anwarbaksh	73 206	93 00	8 27 18	98 01 8	001 80	74 3 20	34 20 3		0 51 79	1 27 33
Fogo	73 236	590 06	5 00 00	98 02 2	975 86	59 7 66	36 21 3	...	0 02 82	1 00 00
Astarti	73 158	532 06	8 10 06	96 10 9	082 79	86 3 xx	15 22 2	...	0 00 75	1 27 46

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	001 272 245	909 232 615	...	410 158 138	...	059 085 058	325 015 505	783 548 592	508 655 705	963 792	239 015	...	...
Jiwani ...														
Karachi ...	00 00	995 272 262	522 xxxxxx	...	380 202 128	..	073 139 055	320 068 545	831 535 632	572 602 695	974 xxx	260 930	147 069	697 180
Lahore ...	00 00	977 265 255	013 999 999	..	433 195 195	...	063 070 999	309 510 999	739 595 999	422 705 999	951 820	...	...	...
Multan ...														
Peshawar ...														
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 192 158	800 145 118	575 002 525	350 708 772	...	...	...	...	...	350 708 772	...	..
Jiwani ...													
Karachi ...	00 00	900 245 162	800 185 052	...	...	...	...	...	...	...	800 185 052	...	...
Lahore ...	00 00	900 225 212	803 160 999	...	...	...	...	...	...	...	800 160 999	...	...
Multan ...													
Peshawar ...													
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures(in tenths of ° C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms. a.s.l. → STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
	2	3	4	5	6	7	8	9	10
Bogra ...	09 13	11 18	13 24	12 23	...	...	...	...	...
Chaklala ...						..		..	..
Chhor ...	13 13	13 11	14 14	14 12	13 07	...	...	...	...
Chittagong ...	16 17	18 23	..	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent		..					
Dacca ...	15 13	15 21	15 23	15 20	14 20	14 22	14 27	15 15	16 17
Dalbandin ...	...	...	02 06	29 06	26 06	25 04	27 05	33 07	34 11
D. I. Khan ...	...	...	...						
Drosh ...	...	...	...		22 15	21 13	20 15	24 12	24 10
Fort Sandeman ...	...			05 12	02 15	02 07	03 08	36 09	01 11
Jacobabad ...	30 10	03 10	02 15	15 10	06 13	03 13	03 10	03 16	04 07
Jessore ...	16 15	18 19	17 19						
Jhelum ...	20 06	19 04	18 03	30 01	30 01	35 01	34 04	35 05	34 07
Jiwani ...	16 10	22 07	22 10	25 07	01 06	35 15	33 09	33 11	01 20
Karachi ...	30 23	33 16	01 20	03 24	08 26	05 24	...	...	...
Khanpur ...	No	Ascent							
Lahore ...	15 03	16 04	16 06	17 10	16 08	11 04	07 05	05 10	05 10
Multan ...	12 09	07 12	05 13	05 12	04 06	05 07	04 11	03 08	02 10
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...				...		...	...
Peshawar ...	...	10 04	13 01	19 07	28 02	32 07	36 08	36 09	...
Quetta ...	...	..	...	...	26 03	35 07	02 06	28 03	21 05
Sharjah ...	...		...					...	...
Sylhet ...	11 10	11 11	11 10	10 06	10 07	17 08	19 12	...	...
Veraval ...	...	...	...	...		...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. → STATION	0.3	0.6	0.9	1.5	2.1	3.0
	11	12	13	14	15	16
Bogra ...	11 17	...	..	...	...	...
Chaklala ...			...	...	...	..
Chhor ...	12 13	14 15				
Chittagong ...	16 22	17 23	17 24	17 20	18 17	19 08
Cox's Bazar ...		No	Ascent			
Dacca ...	15 15	15 18	16 25	17 19	16 29	...
Dalbandin ...	...	...	18 05	24 05	07 03	01 01
D. I. Khan ...	...	...	...			
Drosh ...	...	...	...	23 04	21 07	26 03
Fort Sandeman ...	...	...	...	06 05	33 05	03 11
Jacobabad ...	03 05	55 06	03 03	10 07	07 10	03 15
Jessore ...	No	Ascent				...
Jhelum ...	05 11	10 09	12 07	08 04	...	...
Jiwani ...	11 08	12 12	12 11	15 10	...	
Karachi ...	03 08	02 06	01 07	03 12	03 14	
Khanpur ...	13 07	36 02	32 04	35 11	34 15	
Lahore ...	16 11	17 11	19 07	[illegible] 04	12 06	11 06
Multan ...	18 02	15 09	33 10	06 07	09 07	30 01
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	..	...	...	...
Peshawar ...	..	...	...	...	...	...
Quetta ...	..	...	...	...	28 04	01 11
Sharjah ...	...	...	...	...	...	...
Sylhet ...	03 06	02 05	01 03	36 03	...	...
Veraval ...	...	...	...	...		...

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. → STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	...	...	No	Ascent	...	...	...	...	...	...	...
Chaklala ...	...			...	...	...	...	...	...	...	...
Chhor ...				...	..	...		...	..	...	...
Chittagong ...	17 10	17 21	17 29	..	...	...		...	...	...	..
Cox's Bazar ...			No	Ascent	...		...	..	...	...	...
Dacca ...	15 18	14 19	14 17	15 12	17 13	18 15				..	...
Dalbandin ...	...	...	16 03	08 04	06 05	08 05	13 11	14 15	15 14	...	...
D. I. Khan ...	...	...	...	...						..	...
Drosh ...	...	...	...		24 09	23 11	19 09	29 03	30 04	..	..
Fort Sandeman ...		...	...	31 07	30 03	10 03	03 14	03 14	35 09	21 10	...
Jacobabad ...	10 02	05 03	05 05	05 09	05 03	03 13	...	..	...	...	...
Jessore ...			No	Ascent				...	...	...	...
Jhelum ...	13 04	15 04	16 05	23 06	27 02	34 03	22 05	...	...	...	...
Jiwani ...	08 04	03 03	15 06	20 04	35 09		..	...	...	...	...
Karachi ...	01 06	03 10	03 15	02 12		...	...	...	..	...	...
Khanpur ...	04 01	32 01	07 01	09 05	06 05		...	..	...	...	...
Lahore ...	31 03	20 06	14 03	07 11	11 07	17 05	...	...	...	...	...
Multan ...	25 01	08 03	06 05	07 07	10 07	...	...	...	..	...	...
Muscat ...	...	...	...	..		...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	..	...	...	...
Peshawar ...	...	...	...	...						...	...
Quetta ...	...	...	...	...	13 08	02 07	01 13	06 13	21 03	22 04	...
Sharjah ...	...		...	...				...	...	...	...
Sylhet ...	...	..	...	..	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...		...

* The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

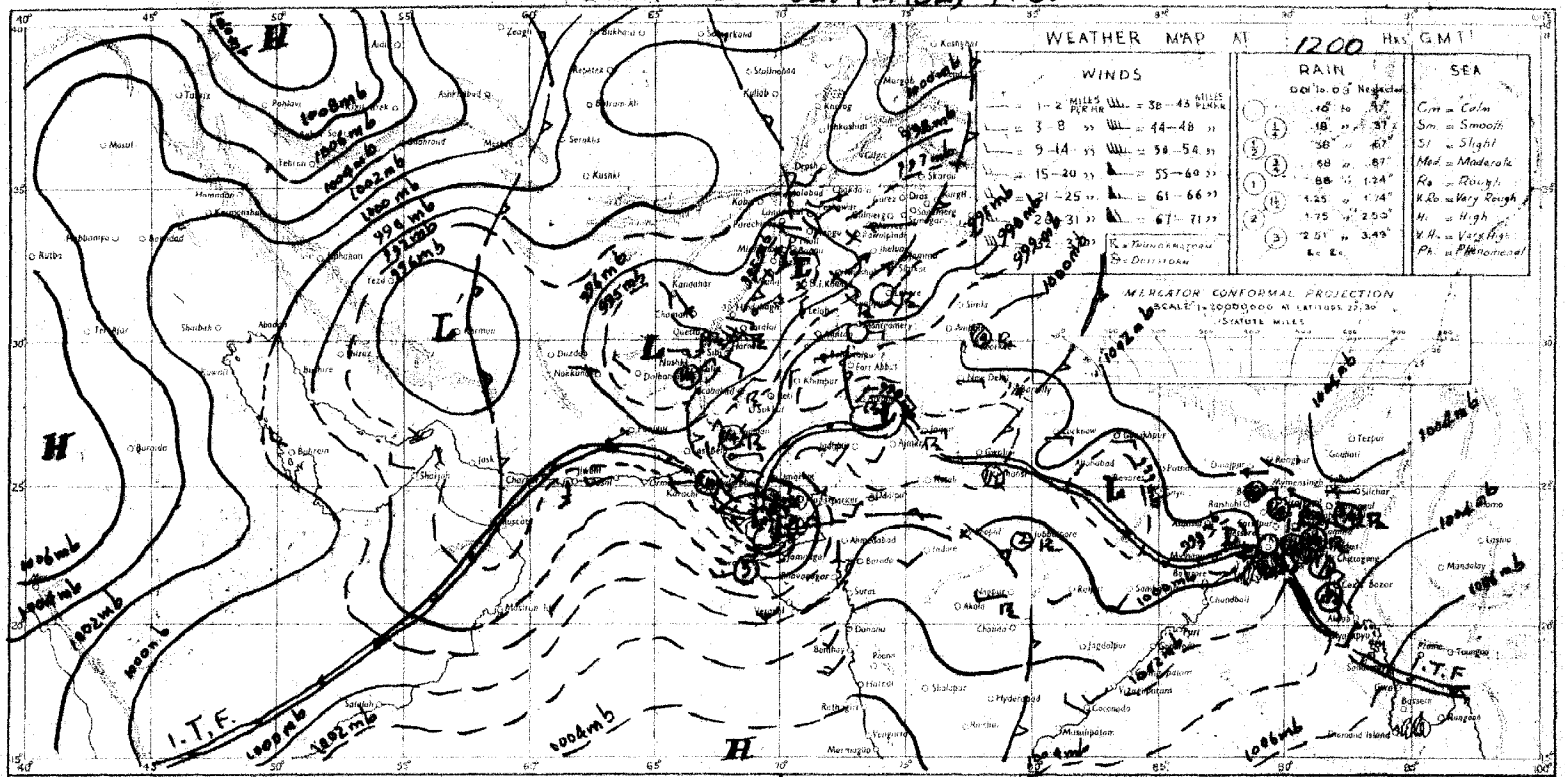
Height in g. p. Kms. a.s.l. STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	12 22	12 34	15 22	14 23	14 17	11 25	16 23	18 14	18 10	18 10	20 11	15 06	11 06				...	
Karachi ...	00 00	02 08	03 08	03 12	04 15	04 17	04 15	04 33	06 12	08 10	10 10	13 12	09 05	05 12	06 19	08 31	...	..
Peshawar ...	...	...	..			...	...	...	...	...	...	...		...	...		...	..
Quetta ...																		

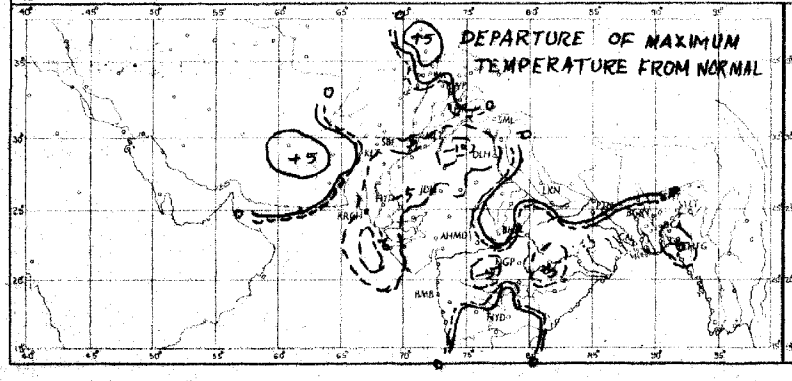
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

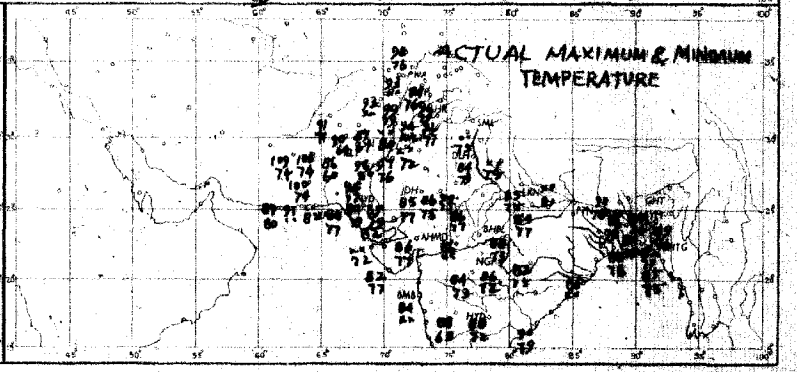
Cloud observation Data (GGiii Cdd V_rV_r etc.)

PAKISTAN DAILY WEATHER MAP

SUNDAY 6th SEPTEMBE, 1959







Rainfall amounts indicated in the above chart refer to past 24 hours.

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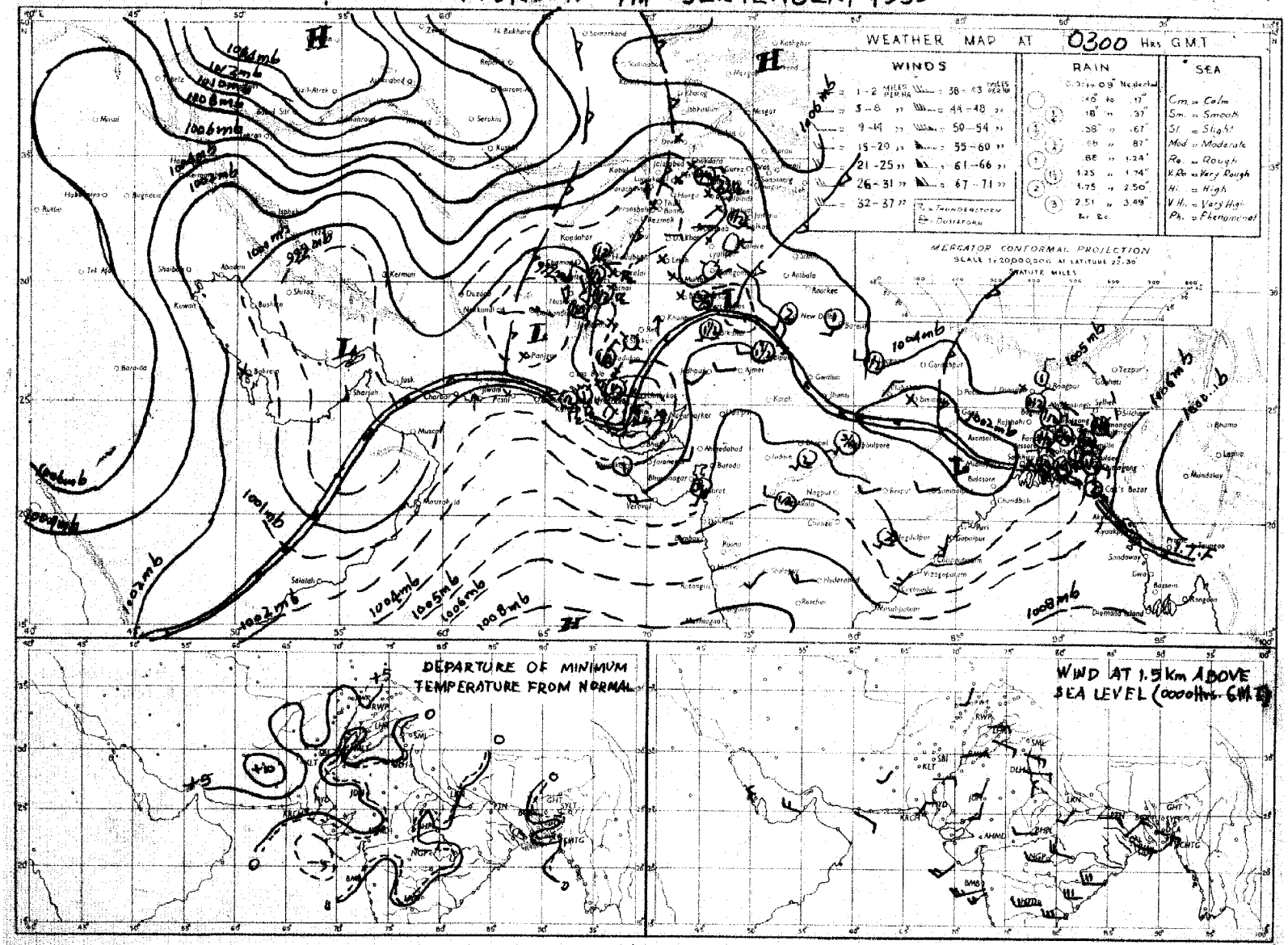
PAKISTAN DAILY WEATHER MAP

MONDAY 7th SEPTEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 24 hours.

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Volume No. 13

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 8th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low over Hyderabad division and neighbourhood persists and is weakening. It has caused local rain/thundershowers in Hyderabad division and the Federal Capital Area and scattered in Khairpur division.

Yesterday's low pressure wave is now moving across Rawalpindi division and Kashmir. It has caused fairly widespread rain/thundershowers in Rawalpindi and Peshawar divisions and scattered in Multan and D. I. Khan divisions.

Rain/thundershowers have been widespread in Rajshahi division and fairly widespread in Chittagong and Dacca divisions.

Chief amounts of rainfall are: Cox's Bazar, Sirajganj, Rajshahi 2" each; Bogra, Chakdara, Campbellpur, Nagarparkar 1½" each; Mithi 1"; Brahmanbaria, Sylhet, Faridpur, Rawalpindi, Peshawar, Haripur 3/4" each; Dacca, Barisal, Khulna, Jessore, Dinajpur, Lyallpur ½" each and Maijdee Court, Mymensingh, Satkhira, Rangpur, Murree, Kakul ¼" each.

Day temperatures were generally 3—8°F below normal in the country outside Quetta and Kalat divisions where they were 3—4°F above normal.

Forecast valid until the evening of 9th September, 1959 Fairly widespread rain/thundershowers will occur in Lahore, Rawalpindi divisions Kashmir and East Pakistan local in Peshawar division and scattered elsewhere over West Pakistan outside Kalat division.

Karachi-11
The 8th September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 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)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar ...	004	9	7	16	03	95	15	6	031	78	6	5	6	2	0	77	82
	Chittagong ...	000	0	8	18	09	97	02	2	030	80	4	2	5	6	x	79	84
	Maijdee Court ...	027	6	8	18	13	95	17	6	020	80	0	7	5	x	x	78	82
	Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	Brahmanbaria ...	079	7	7	13	06	96	03	6	026	80	5	4	5	2	0	77	87
	Sylhet ...	018	3	8	05	02	96	95	9	029	76	4	3	4	2	x	74	90
	Srimangal ...	013	2	8	05	03	94	95	9	032	78	8	3	3	x	x	76	89
Dacca	Mymensingh ...	000	6	8	13	02	98	00	5	022	82	8	7	6	x	x	78	85
	Narayanganj ...	000	9	8	13	05	95	03	2	014	82	6	7	4	2	x	79	65
	Dacca (Tezgaon) ...	005	9	8	13	09	97	02	9	011	81	5	9	4	2	x	71	85
	Faridpur ...	040	9	8	16	02	96	03	6	031	81	4	5	6	1	x	78	83
	Barisal ...	030	4	1	01	10	97	xx	x	xxx	xx	x	x	x	x	x	81	86
Rajshahi	Khulna ...	027	5	8	13	05	96	01	6	013	83	8	5	6	x	x	79	85
	Satkhira ...	022	0	8	00	00	94	61	6	009	80	x	x	x	x	x	78	87
	Jessore ...	001	7	8	09	05	95	03	6	993	84	6	4	5	6	x	80	88
	Sirajganj ...	031	x	x	xx	xx	97	02	2	005	81	8	7	6	x	x	78	85
	Bogra ...	055	8	8	09	02	96	61	5	008	79	7	7	4	2	x	77	80
	Dinajpur ...	042	2	7	01	10	94	03	6	012	79	7	7	5	0	0	76	86
	Rangpur ...	000	0	7	13	09	96	03	2	xxx	80	7	6	6	0	0	75	85
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	6	2	00	00	96	01	5	983	89	1	1	7	3	1	77	91
	Sialkot ...	000	0	1	00	00	98	01	1	975	88	1	2	6	0	0	77	89
Rawalpindi	Jhelum ...	000	8	4	00	00	97	02	1	997	89	3	2	7	3	0	77	94
	Rawalpindi ...	000	3	7	18	02	98	58	9	001	76	4	4	6	6	0	73	89
	Khushab ...	005	1	2	09	02	99	03	6	971	92	2	2	6	0	0	79	94
Multan	Lyallpur ...	047	3	4	00	00	96	01	9	974	88	4	0	9	3	0	77	89
	Montgomery ...	000	0	6	00	00	96	03	2	979	89	6	3	7	0	0	76	93
	Multan ...	005	3	5	00	00	97	01	6	970	93	3	2	6	0	1	81	96
Bahawalpur	Leiah ...	000	0	7	07	09	97	03	2	963	91	4	3	8	5	0	78	96
	Khanpur ...	000	0	2	02	30	96	03	0	973	91	2	0	9	2	0	83	93
	Bahawalpur ...	000	0	5	00	00	97	03	0	978	92	5	0	8	4	0	77	94
	Fort Abbas ...	000	0	4	31	03	97	03	5	982	64	4	3	7	0	0	77	94
Peshawar	Chakdara ...	146	7	2	23	02	98	01	6	979	85	2	1	7	0	0	74	93
	Peshawar ...	073	6	3	36	03	98	01	9	970	87	1	1	6	0	2	75	xx
	Haripur ...	045	4	4	05	02	97	03	2	969	80	4	5	6	0	0	64	88
	Campbellpur ...	128	5	2	18	03	98	01	9	001	82	0	0	9	0	2	73	95
D. I. Khan	Bannu ...	000	0	3	16	01	99	01	0	963	92	3	1	6	0	0	75	92
	D. I. Khan ...	000	6	2	00	00	98	03	0	955	96	2	0	9	2	0	80	98
Quetta	Sibi ...	000	3	4	18	02	98	03	1	959	00	4	0	9	3	0	71	01
Kalat	Nokkundi ...	000	0	0	34	02	96	02	0	960	04	0	0	9	0	0	37	07
	Turbat ...	000	0	3	23	02	96	03	0	971	02	3	0	9	3	0	72	03
	Jiwani ...	000	0	0	16	10	97	01	0	981	87	0	0	9	1	0	75	90
	Pasni ...																	
	Ormara ...	000	0	6	27	07	98	02	1	974	90	6	0	9	2	0	74	90
	Las Bela ...																	
Karachi Federal Area Hyderabad	Karachi (Manora) ...	000	0	7	25	12	96	03	2	979	85	7	0	9	2	0	78	86
	Karachi (Air Port) ...	002	3	7	27	12	96	01	9	978	85	4	5	5	5	0	78	87
	Badin ...	015	3	8	00	02	95	82	6	970	85	8	9	7	x	x	81	91
	Nagarparkar ...	000	1	8	00	02	96	66	6	976	79	8	7	7	x	x	67	85
	Umarkot ...	000	0	5	18	03	98	25	0	966	85	5	2	6	0	0	60	93
	Hyderabad ...	000	0	5	00	00	97	02	2	975	91	2	6	5	2	0	80	92
Khairpur	Pad-i-dan ...	000	8	4	05	05	97	03	1	972	91	4	3	5	0	9	77	93
	Nawabshah ...	014	1	5	27	02	96	02	6	970	91	3	2	6	2	0	80	91
	Sukkur ...	000	8	4	11	00	96	03	2	970	91	4	0	9	0	0	78	93
	Kashmore ...	000	0	4	00	00	99	00	0	973	93	4	1	7	0	0	74	94
	Jacobabad ...	000	0	5	13	05	97	01	2	973	94	2	8	6	0	8	79	95
Junagadh	Veraval ...																	
Afghanistan	Jalalabad ...																	
Arabia	Muscat ...																	
	Kuwait ...																	
	HILL STATIONS																	
Kashmir	Srinagar ...																	
	Gulmarg ...																	
	Sonamarg ...																	
	Dras ...																	
	Leh ...																	
	Skardu ...																	
	Misgar ...																	
	Aliabad ...																	
	Gilgit ...																	
Rawalpindi	Murree ...	015	5	7	31	02	97	02	6	426	62	4	5	2	5	0	61	69
Peshawar	Drosh ...	000	0	1	23	10	98	02	0	366	93	1	1	7	0	0	54	97
	Cherat ...	000	0	8	18	05	91	42	4	420	74	8	5	6	x	0	73	76
	Kakul ...	035	1	3	08	03	99	01	6	424	73	3	2	7	0	0	69	78
	Landi Kotal ...	000	0	2	05	03	98	01	9	403	84	0	0	9	0	4	70	87
D.I. Khan	Parachinar ...	000	2	5	00	20	95	01	2	796	69	0	0	9	0	6	65	xx
	Miranshah ...	000	0	6	05	02	99	03	2	417	87	6	3	7	0	0	70	91
	Wana ...	030	2	6	29	02	99	70	2	414	79	6	5	7	0	0	65	88
Quetta	Fort Sandeman ...	000	0	4	11	05	98	03	0	415	85	4	5	6	0	0	60	94
	Hindubagh ...	000	2	3	00	03	96	03	0	354	87	2	0	9	3	4	54	87
	Loralai ...	000	0	5	03	18	96	03	2	419	85	3	3	4	2	0	62	89
	Harnai ...	000	4	8	09	02	98	03	5	xxx	xx	3	4	0	2	3	xx	xx
	Quetta ...	000	9	5	18	16	96	81	6	380	88	2	1	6	4	1	61	93
	Chaman ...	000	0	0	34	03	98	00	0	408	98	0	0	9	0	0	44	99
Kalat	Kalat ...	000	0	6	36	02	97	02	2	401	81	6	2	7	0	0	56	85
	Nushki ...	000	4	0	05	05	98	01	0	449	03	0	0	9	0	0	70	03
	Dalbandin ...	000	8	4	00	00	97	03	1	418	03	1	1	7	4	0	56	05
	Panjgur ...	000	0	4	34	03	98	03	0	434	00	4	0	9	3	0	30	00
Afghanistan	Kabul ...	000	0	0	18	02	99	00	0	476	81	0	0	9	0	0	59	90
	Kandahar ...																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1959 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	197	9	7	16	03	95	15	6	051	78	6	5	5	2	0	78	76	− 4	0	114.1	+14.1	120.9	140
	Chittagong	010	9	7	13	02	97	03	6	048	82	7	4	5	0	0	76	77	− 3	+ 1	81.8	+12.2	114.7	100
	Maijdee Court	032	9	8	18	02	97	02	6	041	81	2	1	6	2	x	77	78	− 4	0	82.3	+ 8.8	114.2	115
	Comilla	000	0	8	00	00	97	02	1	044	84	8	4	5	x	x	74	77		0	53.5	− 2.0	79.5	94
	Brahmanbaria	079	0	7	09	05	97	03	1	049	84	7	0	9	2	0	78	77	—	—	36.9	− 5.8	62.9	76
	Sylhet	083	9	8	09	09	97	03	9	053	79	4	5	6	3	x	78	74	—	—	119.7	—	151.7	—
	Srimangal	013	9	8	00	00	97	03	9	055	81	5	4	4	4	x	75	76	− 2	+ 1	57.9	+ 6.9	91.9	98
Dacca	Mymensingh	023	7	8	13	02	98	02	6	057	80	8	6	3	x	x	76	76	− 3	− 2	63.0	+10.4	85.1	91
	Narayanganj	006	9	8	09	07	96	03	5	040	82	8	7	4	x	x	76	79	− 4	0	44.1	+ 2.4	64.4	74
	Dacca (Tezgaon)	068	9	8	11	09	97	02	6	040	81	6	5	4	2	x	76	78	—	—	45.4	—	61.4	—
	Faridpur	083	9	8	11	02	96	03	6	032	80	8	7	6	x	x	78	76	− 5	− 3	45.4	+ 4.7	72.8	71
	Barisal	055	4	8	09	01	97	03	6	037	82	8	0	9	4	x	81	79	− 2	+ 1	71.1	+21.8	85.9	81
Rajshahi	Khulna	055	9	8	13	03	96	03	6	031	81	8	5	6	x	x	79	78	− 3	0	49.6	+ 6.5	70.4	68
	Satkhira	031	0	8	00	00	95	03	6	028	83	8	8	7	x	x	79	79	− 2	+ 1	37.7	− 1.3	55.9	65
	Jessore	049	8	8	13	05	96	02	6	028	80	8	4	5	x	x	80	78	—	—	37.0	− 0.8	72.8	65
	Sirajganj	190	9	8	09	05	98	02	6	032	82	8	7	5	x	x	78	78	− 3	0	50.4	+12.1	75.3	84
	Bogra	150	8	8	09	03	96	21	6	043	78	4	7	4	2	x	77	76	− 9	− 2	50.0	+ 7.9	69.1	69
	Dinajpur	254	3	8	09	03	96	02	6	044	73	8	9	7	x	x	71	72	− 3	− 6	29.5	−17.1	46.9	72
	Rangpur	030	0	7	09	09	96	03	6	xxx	75	7	6	6	0	0	72	72	− 3	− 4	47.5	− 4.5	67.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	9	6	13	05	96	03	1	002	79	5	3	6	3	0	75	79	− 6	+ 4	20.9	+ 7.5	24.7	19
	Sialkot	000	2	5	05	02	98	01	2	015	81	3	4	6	2	0	77	77	− 6	+ 1	42.2	+11.9	48.2	32
Rawalpindi	Jhelum	009	2	8	05	07	96	17	9	016	88	4	9	5	2	x	75	76	—	—	34.3	—	44.6	—
	Rawalpindi	078	2	7	02	02	97	03	6	021	75	7	8	6	0	0	73	74	− 5	+ 3	31.8	+10.7	44.9	36
	Khushab	005	0	5	09	02	96	03	2	010	85	5	2	6	0	0	77	81	− 6	+ 2	12.8	+ 3.5	18.3	15
Multan	Lyallpur	047	9	4	00	00	96	01	9	005	82	0	0	9	0	3	79	75	− 8	− 2	11.1	+ 2.7	13.9	12
	Montgomery	000	0	0	00	00	96	00	0	004	82	0	0	9	0	0	76	78	− 8	− 1	4.1	+ 2.3	6.4	10
	Multan	000	0	0	23	02	97	02	0	003	85	0	0	9	0	0	79	81	− 3	+ 1	5.7	+ 1.1	7.8	7
Bahawalpur	Leiah	000	0	2	18	03	96	05	1	006	86	2	4	8	0	0	79	78	—	—	4.6	—	6.5	8
	Khanpur	000	0	0	18	05	96	02	0	992	84	0	0	9	0	0	81	81	−10	+ 3	0.3	+ 4.4	3.2	6
	Bahawalpur	000	0	0	23	02	97	00	0	001	83	0	0	9	0	0	79	79	− 7	+ 2	5.4	+ 1.3	4.5	6
	Fort Abbas	000	0	3	02	03	98	01	1	004	83	3	1	8	0	0	79	71	—	—	7.7	—	11.9	4
Peshawar	Chakdara	166	2	8	00	00	96	03	9	988	77	8	1	6	x	x	75	75	—	—	7.1	—	23.7	—
	Peshawar	073	0	7	36	03	97	02	1	007	79	7	5	6	0	0	75	77	—	+ 3	6.1	+ 2.3	20.0	14
	Haripur	078	9	8	23	14	96	04	6	002	75	8	9	6	x	x	64	69	—	—	5.3	—	26.2	—
	Campbellpur	142	7	7	43	02	97	03	6	032	77	7	0	9	9	0	74	75	—	—	17.6	—	31.5	—
D. I. Khan	Bannu	000	0	4	00	00	99	02	0	001	84	4	0	9	4	0	76	90	—	—	10.0	—	16.9	11
	D. I. Khan	000	2	4	13	02	98	02	1	002	86	4	0	9	4	0	81	81	− 3	+ 3	10.1	+ 5.1	13.9	10
Quetta	Sibi	000	2	6	00	00	98	03	1	*003	83	6	0	9	3	0	76	79	—	—	3.7	—	4.0	5
Kalat	Nokkundi	000	0	0	34	02	97	02	0	985	85	0	0	9	0	0	48	79	—	—	0	—	1.1	2
	Turbat	000	0	3	31	03	95	03	0	009	84	3	0	9	6	0	78	xx	—	—	2.3	—	6.7	—
	Jiwani	000	0	6	00	00	96	03	0	000	83	6	6	4	0	0	77	81	—	—	0.1	—	5.7	4
	Pasni																							6
	Ormara	000	0	6	27	02	98	02	1	003	85	6	2	5	0	0	76	82	—	—	0.2	− 0.6	2.1	6
	Las Bela																							8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	4	25	09	94	10	1	008	83	0	0	9	0	9	79	80	+ 1	+ 2	11.2	+ 5.5	11.2	8
	Karachi (Air Port)	002	0	8	27	05	96	03	2	003	81	3	6	4	3	x	79	80	—	—	17.1	—	17.4	—
	Badin	000	2	8	23	02	95	03	1	002	81	8	8	7	x	x	81	80	− 3	+ 2	6.4	− 0.4	6.4	9
	Nagarparkar	140	2	8	00	00	95	02	6	972	80	8	7	7	x	x	68	77	—	—	12.5	—	12.5	—
	Umarkot	000	0	8	13	03	97	51	0	989	79	8	6	5	x	x	78	78	—	—	15.0	—	15.8	—
	Hyderabad	000	0	4	00	00	96	05	1	995	84	0	0	9	0	8	81	81	− 5	+ 4	11.5	+ 6.0	12.3	7
Khairpur	Pad-i-dan	000	8	3	13	05	97	03	5	997	85	3	0	9	7	0	79	77	—	—	6.0	—	6.4	—
	Nawabshah	014	0	7	00	00	96	03	1	994	84	7	0	9	3	0	81	82	—	—	5.2	—	6.0	
	Sukkur	000	8	2	11	02	96	01	1	994	86	0	0	9	0	3	79	80	—	—	2.2	—	3.3	4
	Kashmore	000	0	0	00	00	99	00	0	001	86	0	0	9	0	0	77	82	—	—	2.0	—	2.1	—
	Jacobabad	000	0	2	16	03	96	01	2	999	87	2	0	9	2	0	81	85	− 8	+ 6	3.7	+ 1.6	4.4	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	036	2	8	13	02	95	03	6	450	61	8	5	2	x	x	60	58	− 1	+ 3	41.7	+ 9.6	67.1	59
Peshawar	Drosh	000	0	6	23	05	97	03	1	551	77	5	8	6	5	8	62	76	+ 7	+ 9	1.3	—	30.4	18
	Cherat	000	0	8	18	01	90	47	4	447	70	8	5	6	x	x	70	68	− 9	+ 1	14.3	+ 3.4	24.3	29
	Kakul	035	9	8	00	00	97	02	2	441	71	8	8	5	x	x	68	69	—	—	40.4	—	50.1	—
	Landi Kotal	000	3	7	05	02	98	02	9	429	78	7	6	5	0	0	69	xx	—	—	2.5	—	17.5	—
D.I. Khan	Parachinar	000	0	0	00	00	99	00	0	797	67	0	0	9	0	0	62	xx	—	—	12.3	—	26.2	29
	Miranshah	000	0	0	05	02	99	00	0	438	79	0	0	9	0	0	72	65	—	—	2.7	− 0.2	5.7	13
	Wana	...	...	...	...	...	...	...	...			...	...	...	...	...								—
Quetta	Fort Sandeman	000	0	3	20	03	98	01	0	436	78	0	0	9	0	3	67	75	0	+ 7	5.9	+ 1.0	14.6	11
	Hindubagh	000	2	2	31	02	98	02	0	407	67	0	0	9	0	2	56	66	—	—	4.5	—	13.5	—
	Loralai	000	0	5	00	00	98	03	0	422	70	2	8	6	0	3	62	64	—	—	6.8	—	[illegible]	—
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	6.9	0	13.2	14
	Quetta	000	9	6	18	05	97	03	1	418	70	6	0	8	3	0	64	63	—	—	4.4	+ 3.5	10.0	8
	Chaman	000	0	0	13	02	98	02	0	385	78	0	0	9	0	0	52	72	+ 6	+ 6	0.1	0	4.3	7
Kalat	Kalat	000	0	0	00	00	98	02	0	444	71	0	0	9	0	0	60	60	0	+ 9	4.3	+ 3.2	8.7	9
	Nushki	000	0	0	00	02	98	02	0	470	89	0	0	9	0	0	61	81	—	—	0.9	—	2.8	—
	Dalbandin	000	9	1	23	00	95	05	1	414	76	1	0	9	3	0	45	76	+ 4	+ 13	0.2	− 0.1	3.2	5
	Panjgur	000	0	8	00	00	98	03	1	437	79	8	0	9	6	x	69	75	+ 4	+ 6	1.5	—	3.1	4
Afghanistan	Kabul	000	0	0	18	02	99	00	0	495	67	0	0	9	0	0	49	55	—	—	—	—	—	12
	Kandahar																							—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T of the same day.

Whenever 999 is given for RRR see the summary sheet for the actual amounts of rain.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 8th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L_aL_aL_a	L_oL_oL_o GG	N dd ff	VV ww W	PPP TT	N_sC_LhC_MC_H	D_sV_s a PP	8 N_s C h_s h_s	O T_s T_s T_d T_d	I d_w d_w P_w H_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Fogo	23 195	584 00	8 18 18	96 10 2	957 73	80 9 7x	55 40 0	...	0 02 70	1 18 25
Dumra	23 214	690 06	4 25 16	97 25 1	xxxxx	44 2 00	75 21 0	...	0 01 75	1 23 47
Astarte	23 188	580 06	8 21 18	97 02 2	030 75	86 3 xx	15 40 0	...	0 52 70	1 21 34
Fogo	23 177	564 12	8 19 18	96 10 2	961 73	9x 0 xx	55 00 0	...	0 06 73	1 19 24
Astarte	23 200	588 12	0 21 20	97 02 0	993 77	00 9 00	15 72 5	...	0 00 70	1 21 44
Caltex Endean	23 235	592 18	1 11 05	98 02 0	989 81	00 9 00	36 80 0	...	0 54 77	1 11 11
Astarte	23 213	595 18	0 21 18	98 02 1	024 77	00 9 00	15 21 5	...	0 51 72	1 21 44
Dumra	23 232	677 18	8 25 10	97 91 8	013 79	xx x xx	75 42 0	...	0 03 73	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT_dT_dT_d	1000 mb HHHTTT T_dT_dT_d	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	23 00	002 268 245	021 228 198	...	410 435 112	...	054 078 052	310 082 525	757 572 598	469 665 698	958 802	233 028	...	...
Jiwani ...														
Karachi ...	00 00	997 268 258		...	400 218 999		054 128 999	325 035 999	786 525 999	528 615 999	968 742			
Lahore ...	00 00	977 268 255	006 xxxxxx	..	435 222 195	...	091 120 999	358 045 999	810 570 999	461 685 999	957 760	248 815	728 888	...
Multan ...														
Peshawar ...	00 00	959 262 245	..	...	406 192 192	...	010 118 118	281 032 032	742 532 545	468 612 999	963 708	245 918	383 005	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT T_dT_dT_d									Max. Height Reached PPPTTT T_dT_dT_d	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	23 00	900 165 135	800 122 098	596 002 525	350 722 752	...	...	...	...	...	350 722 752	...	..
Jiwani ...													
Karachi ...	00 00					...	.	...	...	...	300 742 999	...	...
Lahore ...	00 00	900 245 225	800 195 175	560 C00 999	085 900 999		...	...	...	...	085 900 999		
Multan ...													
Peshawar ...	00 00	900 222 222	800 162 162	350 665 999	250 810 999	142 030 999	...	...	..	...	142 030 999	...	...
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures(in tenths of ° C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

At 1200 hrs. G.M.T. of Previous day (dd ff)

Height in Kms. a.s.l. → STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)
Bogra ...	No	Ascent					...	..	...
Chaklala ...	24 11	03 03	35 01	36 03	34 08	34 08			..
Chhor ...	10 09	10 09	08 10	09 07	09 07	09 06	..	...	...
Chittagong ...	18 17	18 20	18 22	17 24	...	...	...	...	...
Cox's Bazar ...	18 17	19 18	19 15				...	...	...
Dacca ...	15 18	14 19	14 17	15 12	17 13	18 15		...	
Dalbandin ...	.	...	30 25	02 01	11 03	06 03	15 08	10 07	20 04
D. I. Khan ...	...	...	...						...
Drosh ...	...		...		21 25	20 13	21 15	22 34	...
Fort Sandeman ...			...	10 12	06 15	35 09	11 13	35 22	...
Jacobabad ...	15 06	09 05	06 07	04 10	04 19	01 36	...	..	
Jessore ...	15 10	15 09	...						...
Jhelum ...	17 01	20 01	25 01	31 02	33 06	32 06	27 09	22 03	
Jiwani ...	15 13	17 07	17 04	01 02	01 09	35 14	01 19	01 04	34 06
Karachi ...	27 17	29 07	03 07	04 6	04 18	03 20	...	...	...
Khanpur ...	22 02	23 01	14 01	10 04	06 06	05 06	01 00	02 04	...
Lahore ...	30 04	29 03	01 01	13 04	04 05	26 02	22 06	23 06	.
Multan ...	18 03	13 04	12 02	12 04	35 01	08 03	02 0	92 00	..
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	.	...	...	...	.	...		...	...
Peshawar ...	...	...	...	.	...	..	..	...	...
Quetta ...	...	..	...	...	27 04	33 08	33 06	34 06	25 06
Sharjah ...					...		..	...	...
Sylhet ...	06 13	07 33	09 27	11 13	...	...	.	...	...
Veraval ...	...	...	...	.	...	...	...	..	

At 0000 hrs. G.M.T. of date (dd ff)

STATION	0.3 (11)	0.6 (12)	0.9 (13)	1.5 (14)	2.1 (15)	3.0 (16)
Bogra ...	No	Ascent			...	...
Chaklala ...	..	10 06	14 06	16 06	..	..
Chhor ...	16 09		..	...	...	...
Chittagong ...	15 19	16 25			...	.
Cox's Bazar ...	16 19	16 19	16 16	16 13	17 17	...
Dacca ...	10 14	12 18				
Dalbandin ...	...	.	10 01	05 01	29 03	24 06
D. I. Khan ...	...	...	...			
Drosh ...	...	...		23 01	22 03	25 03
Fort Sandeman ...		...	21 05	26 03	34 06	...
Jacobabad ...	12 10	12 07	13 03	06 05	36 10	...
Jessore ...	11 09	13 09		..	..	...
Jhelum ...	09 10	16 06	21 04	...	...	
Jiwani ...	13 03	12 03	11 02	...	...	...
Karachi ...	29 14	29 13	30 07	33 05	...	
Khanpur ...	21 12	23 08	25 05	22 04	21 04	
Lahore ...	07 06	07 06	11 04	21 04	24 04	36 04
Multan ...	20 07	20 07	20 06	08 03	08 05	01 08
Muscat ...	...	...		.	...	...
Panjgur ...	.	.	.	...	...	...
Peshawar ...	..	.	...	..		
Quetta ...	.	...	...	...	00 71	23 10
Sharjah ...	...			...		...
Sylhet ...	08 10	09 11	13 09	...	...	
Veraval ...	...			...		...

At 600 hrs. G.M.T. of date (dd ff)

STATION	0.3 (17)	0.6 (18)	0.9 (19)	1.5 (20)	2.1 (21)	3.0 (22)	4.5 (23)	5.4 (24)	6.0 (25)	7.2 (26)	9.0 (27)
Bogra ...	08 20	09 23	...	..	...	...	...	...	...	...	...
Chaklala ...	...	...		...	...	.	...	...	...	...	...
Chhor ...		...	...	...	..	...		...	..	...	...
Chittagong ...	17 10			...		..		...	..	...	..
Cox's Bazar ...	17 20	17 25	18 21	..	...	...	..	.	..	...	...
Dacca ...	10 17	11 17	11 23								...
Dalbandin ...	...	...	14 03	16 05	15 07	23 09	14 13	21 10	26 08	03 08	...
D. I. Khan ...	..	...	.	...							..
Drosh ...	...	...	.		24 07	22 06	20 07	08 03	22 13	23 23	
Fort Sandeman ...			...	20 03	19 01	35 04	01 07	29 10	27 07	07 04	29 07
Jacobabad ...	04 02	05 03	05 04	02 06	01 10	..		..	...	...	...
Jessore ...	13 15	12 15	12 13	11 15			..	...	...	..	
Jhelum ...	25 09	08 08	11 06	16 04	15 02	03 06		...	...	...	..
Jiwani ...	14 01	13 03	17 05	14 02	01 06	31 02	07 06	...	.	..	...
Karachi ...	28 11	29 11	31 09	34 10				...		...	...
Khanpur ...	19 04	19 03	12 04	10 02	08 04	05 12	05 08		...	...	...
Lahore ...	14 11	13 14	13 08	10 03	24 01	...	...	...	...		...
Multan ...	24 08	20 06	19 06	11 05	09 06	...	...	...		...	...
Muscat ...	...	...	...	..		...	...	...	.	...	...
Panjgur ...	...	...	...	...	...	...	...		...	...	...
Peshawar ...	...	...	...	...							
Quetta ...	...	...	...	..	24 05	35 07	26 08	07 03	31 05	03 04	01 12
Sharjah ...									...	...	...
Sylhet ...	06 17	08 16	09 20	11 17	13 14	16 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. → STATION.	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)	7.2 (11)	9.0 (12)	10.5 (13)	12.0 (14)	14.1 (15)	16.4 (16)	18.0 (17)	21.0 (18)	[illegible] (19)
Chittagong ...																		
Dacca ...	13 21	13 23	13 23	14 25	xx xx	17 15	17 09	13 09	16 12	16 11	xx xx	08 12	26 09	...	...	...	...	...
Karachi ...	28 09	29 12	29 13	30 10	01 17	04 17	04 14	04 11	04 12	07 08	08 07	07 09	08 08	...	...	...	...	...
Peshawar ...	...	...	..	...	...	...	..	...	...	...	..	...	..	...	...		...	...
Quetta ...																		

* The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

MONDAY, 7th SEPTEMBER, 1959.

Rainfall amounts indicated in the above chart refer to past 9 hours.

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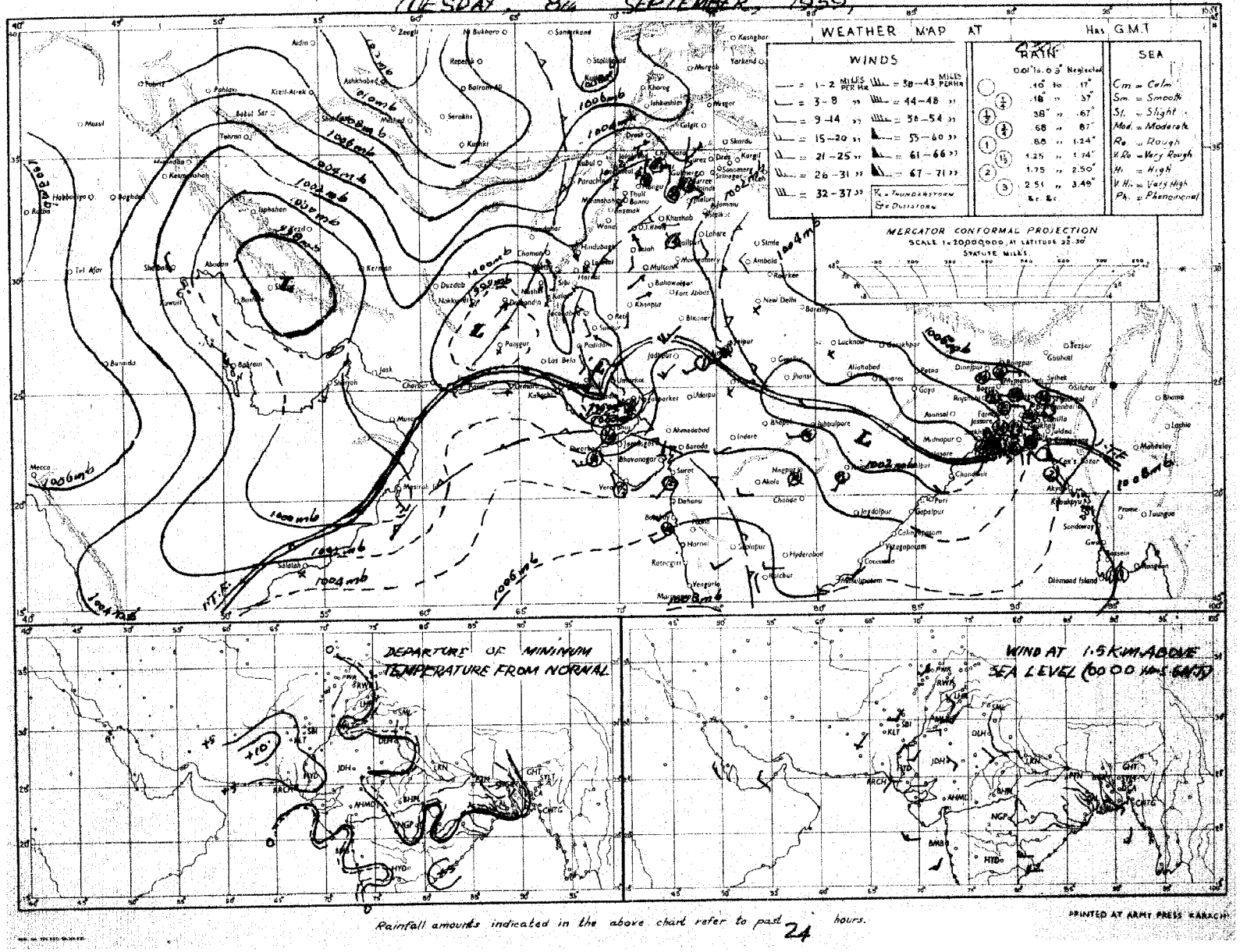
PAKISTAN DAILY WEATHER MAP

TUESDAY, 8th SEPTEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 24 hours.

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Reg. No. S-1457
Volume No. 13

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 9th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M T.

Yesterday's low now lies over Khairpur division and adjoining areas.

Another low lies over northeast Rajasthan.

The low pressure wave over Rawalpindi division and Kashmir has moved away eastwards.

A fresh low pressure wave lies over Peshawar division and adjoining areas.

They have caused fairly widespread rain/thundershowers in Rawalpindi and Multan divisions, local in Peshawar and Lahore divisions and scattered thunderstorm/showers in Bahawalpur, D. I. Khan, Quetta, Hyderabad and Khairpur divisions.

Rainfall has been fairly widespread in Rajshahi division, local in Chittagong division and scattered in Dacca division.

Chief amounts of rainfall are :- Lyallpur 3"; Sialkot, Murree and Mithi 2" each; Faridpur, Satkira, Jessore, Khushab, Montgomery and Bannu 1" each; Brahmanbaria, Rajshahi and Kakul 3/4" each; Maijdee Court ½" and Cox's Bazar, Khulna, Rangpur, Cherat and Campbellpur 1/4" each.

Day temperatures were :- 3—5°F above normal in Quetta and Kalat divisions, 7—11 °F below normal in Peshawar, Rawalpindi, Lahore, Bahawalpur and upper Rajshahi divisions and 3–6°F so elsewhere over the country outside the Federal Capital Area.

Forecast valid until the evening of 10th September, 1959. Fairly widespread Rain/thundershowers will occur in East Pakistan, Peshawar, Rawalpindi, Lahore and Multan divisions and Kashmir and local thunderstorm/showers in D. I. Khan and Bahawalpur divisions and scattered in Quetta, Khairpur and Hyderabad divisions and the Federal Capital Area.

Heavy rainfall warning :- Locally moderate to heavy rain will fall in East Pakistan and in Peshawar, Rawalpindi, Lahore and Multan divisions. during the next 24 hours.

Karachi-11
The 9th September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	009	9	7	16	07	95	21	6	031	79	6	5	5	2	0	78	81
	Chittagong	002	7	8	13	05	97	02	6	032	82	5	4	5	2	x	79	85
	Maijdee Court	020	6	8	13	09	95	50	6	029	81	5	5	6	2	x	75	83
	Comilla	010	3	8	18	03	95	02	6	031	81	8	4	5	x	x	77	87
	Brahmanbaria	059	7	8	09	02	96	03	9	031	80	4	5	5	2	x	79	87
	Sylhet	000	0	4	05	13	97	03	0	035	81	1	1	6	3	0	69	85
	Srimangal	000	0	7	00	00	97	03	2	034	82	6	3	4	4	0	76	89
Dacca	Mymensingh	000	0	8	13	02	98	02	2	029	85	8	4	5	x	x	76	87
	Narayanganj	000	9	8	09	05	95	03	2	019	81	8	7	0	x	x	77	65
	Dacca (Tezgaon)	000	4	8	13	05	97	21	6	018	79	6	3	4	2	x	77	85
	Faridpur	077	8	8	16	03	96	02	6	012	79	8	4	6	x	x	78	80
	Barisal	017	4	6	00	00	96	03	6	017	82	4	0	8	4	3	77	85
Rajshahi	Khulna	000	0	8	13	03	95	02	2	014	81	8	5	6	x	x	78	84
	Satkhira	079	0	8	30	00	94	65	6	013	79	x	x	x	x	x	78	84
	Jessore	002	7	8	13	03	95	03	6	010	80	8	8	5	x	x	77	84
	Sirajganj	000	0	8	09	02	97	02	2	008	81	8	7	5	x	x	75	85
	Bogra	000	0	8	09	05	96	20	2	020	80	5	5	5	2	x	75	84
	Dinajpur	000	9	8	09	03	96	02	2	028	76	8	7	7	x	x	73	78
	Rangpur	035	7	7	09	09	96	01	6	xxx	74	5	6	6	2	0	73	75
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	8	7	00	00	96	02	1	001	85	4	3	6	7	6	75	88
	Sialkot	000	4	7	00	00	98	02	2	009	80	4	5	6	3	0	76	86
Rawalpindi	Jhelum	002	8	7	00	00	97	02	9	005	82	4	8	7	1	0	74	86
	Rawalpindi	017	7	8	36	02	98	02	6	010	81	8	6	6	x	x	77	67
	Khushab	110	4	6	09	02	99	03	6	007	76	6	2	6	0	0	75	93
Multan	Lyallpur	297	3	6	00	00	95	51	9	010	79	6	7	8	0	0	78	92
	Montgomery	040	0	5	00	00	96	02	6	011	79	3	4	6	2	0	76	94
	Multan	000	3	8	13	03	96	59	5	977	87	6	9	5	0	2	79	98
Bahawalpur	Leiah	000	0	2	16	02	96	03	0	958	91	0	0	9	0	2	84	93
	Khanpur	000	0	7	00	00	97	03	0	976	91	7	0	8	1	0	79	96
	Bahawalpur	000	0	4	07	03	98	03	0	985	88	4	3	8	0	0	80	95
	Fort Abbas																	
Peshawar	Chakdara	000	0	3	27	03	97	01	1	959	85	3	1	7	0	0	74	85
	Peshawar	007	2	7	05	07	97	03	6	958	83	7	6	3	0	0	74	65
	Haripur	076	6	7	09	02	97	03	6	987	80	7	6	6	0	0	73	86
	Campbellpur	026	5	6	27	02	97	01	9	025	79	6	0	9	7	0	75	83
D. I. Khan	Bannu	000	0	3	16	02	99	03	0	960	92	3	2	6	0	0	74	95
	D. I. Khan	000	6	4	13	05	98	03	3	974	90	4	0	9	4	0	78	99
Quetta	Sibi	000	3	5	18	02	99	03	1	953	01	2	8	5	0	2	72	03
Kalat	Nokkundi	000	0	0	05	02	98	02	0	918	04	0	0	9	0	0	37	05
	Turbat	000	0	0	23	02	96	00	0	998	97	0	0	9	0	0	75	97
	Jiwani	000	0	6	16	09	97	02	2	983	86	3	4	6	3	0	77	90
	Pasni	000	0	7	19	02	97	02	2	983	87	7	0	9	5	0	80	89
	Ormara	000	0	4	18	05	98	01	1	982	89	4	0	9	2	[illegible]	76	94
	Las Bela	000	0	2	00	00	94	03	0	005	88	1	0	8	7	6	76	05
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	7	25	14	97	03	1	989	85	5	0	9	4	7	77	86
	Karachi (Air Port)	000	0	8	25	10	96	03	2	988	85	4	5	6	3	x	78	87
	Badin	000	2	8	23	02	95	03	0	009	87	8	9	7	x	x	80	92
	Nagarparkar	000	0	8	18	03	96	02	2	984	81	8	7	7	x	x	68	85
	Umarkot	000	4	7	25	02	98	02	5	969	90	7	2	6	0	0	60	92
	Hyderabad	000	0	5	00	00	97	03	1	976	93	2	8	6	0	8	77	97
Khairpur	Pad-i-dan	000	0	3	13	07	97	03	0	970	92	3	3	6	0	0	77	99
	Nawabshah	000	0	6	23	07	97	02	1	980	89	3	2	6	2	0	81	94
	Sukkur	000	4	6	16	05	96	03	1	967	95	6	0	9	7	0	78	99
	Kashmore	000	0	4	00	00	99	02	1	943	95	4	1	8	0	0	75	95
	Jacobabad	000	0	5	13	02	97	03	1	968	99	4	2	6	0	8	78	99
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	196	4	8	31	03	96	03	9	440	60	8	9	3	x	x	60	63
Peshawar	Drosh	000	3	5	23	14	96	03	1	371	81	5	2	6	0	0	55	96
	Cherat	025	5	8	13	05	90	47	6	437	70	8	5	6	x	x	70	73
	Kakul	029	3	8	20	02	99	03	6	402	73	8	7	6	x	x	68	74
	Landi Kotal	000	0	6	05	05	98	03	1	423	84	6	6	5	0	0	69	87
D.I. Khan	Parachinar	000	0	4	13	02	99	02	1	796	79	3	0	9	1	1	68	xx
	Miranshah	000	0	6	05	05	98	03	1	417	88	6	3	7	0	0	67	92
	Wana	000	0	4	07	14	98	10	3	393	84	4	2	8	0	0	64	89
Quetta	Fort Sandeman	000	0	7	11	05	97	03	0	405	87	7	5	6	0	0	63	95
	Hindubagh	000	1	2	29	03	96	02	0	349	93	0	0	9	0	2	38	93
	Loralai	000	0	6	13	09	97	03	2	409	85	3	3	6	0	3	64	88
	Harnai	000	5	7	09	02	98	02	9	xxx	xx	6	9	5	3	0	xx	xx
	Quetta	000	9	3	10	00	96	01	0	393	90	1	1	6	3	0	42	93
	Chaman	000	0	0	34	02	98	00	0	408	95	0	0	9	0	0	50	98
Kalat	Kalat	000	0	5	34	12	97	02	1	399	82	5	2	7	0	0	44	88
	Nushki	000	0	0	29	05	98	02	0	469	03	0	0	9	0	0	70	04
	Dalbandin	000	8	3	23	03	95	05	0	412	02	3	0	9	4	0	49	04
	Panjgur	000	0	2	31	03	98	02	1	433	98	2	0	9	2	0	33	99
Afghanistan	Kabul																	
	Kandahar																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	026	9	8	11	02	96	02	6	043	79	5	4	7	1	2	78	74	— 5	— 2	114.3	+13.9	121.2	140
	Chittagong	004	9	8	13	05	97	02	0	043	82	6	4	5	2	x	77	77	— 2	+ 1	81.9	+11.9	114.8	108
	Maijdee Court	060	1	7	00	00	96	03	6	039	78	7	7	5	0	0	77	76	— 3	— 2	82.9	+ 9.0	114.8	115
	Comilla	015	4	8	00	00	97	50	6	049	79	8	4	5	x	x	76	77	— 1	0	53.7	— 2.1	79.7	94
	Brahmanbaria	073	2	8	13	09	97	03	6	049	81	3	5	5	4	x	70	77	—	—	37.6	— 4.3	63.6	76
	Sylhet	000	2	8	09	05	97	03	6	046	82	2	5	6	1	x	73	77	—	—	119.7		151.7	—
	Srimangal	000	0	8	00	00	97	03	2	049	82	7	5	5	4	x	79	77	— 2	+ 2	57.9	+ 6.5	94.9	98
Dacca	Mymensingh	005	7	8	11	02	98	02	6	048	78	8	4	6	x	x	74	76	— 1	— 2	63.1	+ 9.9	85.2	91
	Narayanganj	000	0	8	13	03	96	03	2	035	79	6	7	4	2	x	76	79	— 4	0	44.1	+ 2.0	64.4	74
	Dacca (Tezgaon)	004	9	8	13	09	97	61	2	030	80	6	5	4	2	x	76	79	—	—	45.5		61.4	—
	Faridpur	091	9	8	16	07	96	03	5	012	80	8	5	6	x	x	78	76	— 8	— 3	46.3	+ 5.3	74.7	71
	Barisal	121	9	6	09	02	96	64	6	026	77	6	0	7	4	8	74	76	— 3	— 2	72.3	+22.7	87.1	81
Rajshahi	Khulna	025	1	8	13	07	96	02	6	024	80	8	5	6	x	x	78	77	— 4	— 1	49.8	+ 6.5	70.7	68
	Satkhira	102	0	8	00	00	94	50	2	016	83	0	0	9	0	0	77	77	— 5	— 1	38.7	— 1.5	56.9	65
	Jessore	091	9	8	13	05	96	03	6	017	81	8	7	5	x	x	78	77	—	—	37.9	— 0.3	73.7	65
	Sirajganj	000	0	6	09	05	98	02	2	023	83	8	2	5	0	0	72	79	— 3	+ 1	50.4	+11.8	75.3	64
	Bogra	012	8	8	09	03	96	02	6	034	80	4	5	6	2	x	76	77	— 5	— 1	50.1	+ 7.7	69.2	69
	Dinajpur	003	3	6	09	02	96	02	2	036	81	6	0	9	2	0	72	73	— 11	— 5	29.6	—17.5	46.9	72
	Rangpur	035	0	6	05	09	96	01	2	xxx	78	2	5	6	4	0	72	73	— 13	— 5	47.9	— 4.6	67.7	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd)	000	9	7	13	03	96	50	1	035	79	7	7	5	0	0	77	79	— 9	+ 4	20.9	+ 7.4	24.7	19
	Sialkot	222	0	8	00	00	97	21	6	039	76	8	5	6	x	x	75	73	— 9	— 3	44.4	+21.9	50.3	32
Rawalpindi	Jhelum	008	3	8	00	00	96	50	5	034	78	3	7	6	2	x	75	76	—	—	34.4	—	44.7	—
	Rawalpindi	017	0	5	00	00	96	02	2	027	77	5	0	9	4	0	74	73	— 7	+ 2	31.9	+10.8	45.0	36
	Khushab	110	0	2	09	02	99	03	2	037	83	2	2	6	0	0	76	74	— 7	— 5	13.9	+ 4.5	9.4	15
Multan	Lyallpur	297	9	5	00	00	96	02	9	007	79	5	0	9	4	0	77	75	— 5	— 2	14.1	+ 5.5	16.8	12
	Montgomery	110	0	3	00	00	96	00	0	020	80	3	0	9	4	0	75	75	— 7	— 4	5.2	— 1.3	7.5	10
	Multan	007	9	5	05	03	97	01	9	019	81	5	4	5	0	0	79	78	— 1	+ 2	5.8	+ 1.2	7.9	7
Bahawalpur	Leiah	000	0	5	00	00	99	01	2	008	81	5	7	7	0	0	79	76	—	—	4.6	—	6.5	8
	Khanpur	000	0	3	07	02	96	05	0	003	85	7	0	9	3	0	81	79	— 10	+ 1	0.3	— 4.4	1.2	6
	Bahawalpur	000	0	8	13	02	97	01	0	003	85	8	1	6	x	x	80	84	— 5	+ 7	5.4	+ 1.3	6.5	6
	Fort Abbas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—	—				4
Peshawar	Chakdara	009	0	8	00	00	96	54	1	012	76	8	6	7	x	x	73	74	—	—	7.1	—	23.7	—
	Peshawar	007	9	7	36	05	97	02	5	031	78	7	6	3	0	0	75	77	— 11	— 10	6.2	+ 2.3	20.1	14
	Haripur																		—	—				—
	Campbellpur	026	0	6	27	02	98	02	2	057	78	6	0	9	6	0	76	78	—	—	17.8	—	31.8	—
D. I. Khan	Bannu	090	0	2	00	00	99	02	9	030	79	2	0	9	3	0	74	75	—	—	10.9	—	17.8	11
	D. I. Khan	000	0	5	00	00	98	02	1	025	83	5	5	8	0	0	76	79	— 2	+ 1	10.1	+ 5.0	13.9	10
Quetta	Sibi	000	2	3	13	02	98	92	9	009	84	0	0	9	0	2	72	82	—	—	3.7	—	4.0	5
Kalat	Nokkundi	000	0	0	02	02	98	02	0	970	86	0	0	9	0	0	41	79	—	—	0	—	1.1	2
	Turbat	000	0	6	13	02	95	03	0	024	84	0	0	9	6	0	78	xx	—	—	2.3	—	6.7	—
	Jiwani	000	0	7	18	02	96	03	2	014	83	6	1	4	4	0	77	80	—	—	0.1	—	5.7	4
	Pasni	000	0	7	09	03	97	00	0	019	82	7	0	9	5	0	81	79	— 1	+ 7	0.1	— 0.8	2.6	6
	Ormara	000	0	7	09	02	98	02	1	023	83	7	2	5	0	0	79	82	—	—	0.2	— 0.6	2.1	6
	Las Bela	000	0	0	00	00	98	00	0	054	84	0	0	9	0		78	79	—	—	5.0	—	5.2	8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	4	25	09	96	02	1	025	82	0	0	9	0	9	76	79	+ 1	+ 1	11.2	+ 5.5	11.2	8
	Karachi (Air Port)	000	0	7	25	07	96	03	2	020	82	4	6	4	5	0	79	80	—	—	17.1	—	17.4	—
	Badin	000	0	6	23	02	95	03	2	009	81	0	6	7	0	0	80	80	— 2	+ 2	6.4	— 0.5	6.4	9
	Nagarparkar	000	0	8	00	00	95	02	2	978	83	8	7	7	0	0	65	78	—	—	12.5	—	12.5	—
	Umarkot	000	0	8	20	05	98	00	0	006	80	8	5	6	0	0	79	79	—	—	14.9	—	15.8	—
	Hyderabad	000	0	4	23	02	97	03	0	008	82	0	0	9	0	8	77	80	0	+ 3	11.5	+ 5.9	12.3	7
Khairpur	Pad-i-dan	000	0	1	11	02	97	01	0	006	85	0	0	9	0	5	79	82	—	—	6.0	—	6.4	—
	Nawabshah	000	0	3	18	02	96	03	0	012	84	2	0	9	1	1	78	80	—	—	5.2	—	6.0	—
	Sukkur	000	9	6	16	03	96	03	2	010	84	0	0	9	0	8	78	84	—	—	2.2	—	3.3	4
	Kashmore	000	0	4	05	03	99	00	0	966	81	4	1	7	0	0	77	80	—	—	2.0	—	2.1	—
	Jacobabad	000	0	6	09	05	97	02	2	013	85	6	0	9	3	0	79	84	— 4	+ 5	3.7	+ 1.6	4.4	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	196	9	7	00	00	96	02	4	461	61	7	5	2	0	0	58	58	— 7	+ 3	43.7	+11.4	69.1	59
Peshawar	Drosh	000	6	7	00	00	97	01	2	441	75	4	5	6	3	0	62	72	+ 6	+ 5	1.3	—	30.4	18
	Cherat	025	0	8	36	03	97	03	4	448	69	8	6	6	0	0	68	66	— 12	— 1	14.6	+ 3.6	24.5	29
	Kakul	071	5	8	23	02	94	63	6	445	68	8	7	3	x	x	67	67	—	—	41.1	—	50.0	—
	Landi Kotal	000	3	8	05	03	93	45	4	434	72	8	x	x	0	0	69	xx	—	—	2.5	—	17.5	—
D.I. Khan	Parachinar	008	0	4	13	01	99	00	0	797	65	0	1	9	1	0	63	xx	—	—	12.4	—	26.3	29
	Miranshah	000	0	0	00	00	99	00	0	448	79	0	0	9	0	0	67	72	—	—	2.7	— 1.3	5.7	13
	Wana																		—	—				—
Quetta	Fort Sandeman	006	9	8	05	03	97	03	6	446	74	8	5	6	0	0	68	73	+ 1	+ 5	5.9	+ 1.1	14.6	11
	Hindubagh	000	6	6	27	02	96	03	2	402	69	0	0	9	3	4	58	68	—	—	4.5	—	12.5	—
	Loralai	000	0	5	05	05	96	03	1	429	72	3	2	5	2	0	66	67	—	—	6.8	—	12.6	—
	Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	6.9	— 0.1	13.2	14
	Quetta	000	9	1	16	05	96	01	0	430	72	0	0	9	0	1	65	66	—	—	4.4	— 3.4	10.0	8
	Chaman	000	0	0	13	02	98	02	0	405	78	0	0	9	0	0	60	72	+ 5	+ 6	0.1	0	6.3	7
Kalat	Kalat	000	0	0	18	02	97	02	0	457	69	0	0	9	0	0	56	58	+ 3	+ 7	4.3	+ 3.1	8.7	9
	Nushki	000	0	0	00	00	98	02	0	478	89	0	0	9	0	0	69	81	—	—	0.9	—	2.8	—
	Dalbandin	000	9	0	05	02	95	05	1	416	73	0	0	9	0	0	38	71	+ 3	+ 8	0.2	— 0.1	2.2	5
	Panjgur	800	0	0	00	00	98	00	0	441	77	0	0	9	0	0	64	73	+ 3	+ 6	1.5	—	3.1	4
Afghanistan	Kabul																							12
	Kandahar																							—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day.

Whenever 999 is given for RRR see the summary above for the actual amounts of rain

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 9th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s Ch_sh_s	O $T_sT_wT_dT_d$	Id_wd_wPH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Fogo	33 162	536 00	8 19 17	97 52 2	997 77	9x 0 xx	58 71 3	...	0 00 77	1 19 x3
Muzaffari	33 160	517 00	9 21 33	98 02 2	032 72	9x 0 xx	24 60 5	...	0 51 82	1 xxxx
Istmaru	33 188	743 00	9 24 08	96 84 2	095 81	9x 0 xx	35 61 5	...	0 00 75	1 24 23
Fogo	33 155	521 06	9 00 00	90 45 4	025 79	9x 0 xx	66 11 3	...	0 16 77	1 10 x1
Astarte	33 237	589 06	1 09 06	97 01 1	035 86	15 4 00	75 10 5		0 00 77	1 11 21
Muzaffari	33 144	609 06	5 22 19	98 02 2	045 79	51 6 00	24 40 0		0 00 73	1 23 34
Astarte	33 248	578 12	1 29 03	97 02 0	002 86	11 5 00	75 62 5	...	0 00 79	1 11 22
Dwarka	33 244	606 18	6 11 09	98 03 1	009 81	61 6 00	25 20 8	...	0 81 79	1 11 31
Demra	33 248	658 18	2 25 10	98 01 0	014 81	22 4 00	65 40 0	...	0 02 75	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	23 00	007 282 252	064 212 172	...	400 145 115	...	088 089 058	346 025 508	803 565 592	526 648 705	964 795	...	...	...
Jiwani ...														
Karachi ...	00 00	999 265 255	009 xxxxxx	...	410 218 999	.	110 122 999	391 059 999	654 538 999	589 648 999	...	...	...	...
Lahore ...	00 00	...	Misda	..		...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	23 00	962 262 245	..	..	400 202 202	...	097 125 125	326 060 060	800 512 592	552 585 999	956 538	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	23 00	900 165 132	800 125 108	570 002 528	350 715 755	...	...	...	...	...	350 715 755	...	...
Jiwani ...													
Karachi ...	00 00	...		...	...	...	...	...	...	...	400 585 999	...	...
Lahore ...	00 00	...	Misda	..	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	23 00	900 230 230	800 175 175	350 612 999	271 650 999	...	...	...	...	...	271 650 999	...	...
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry bulb temperatures in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms. a.s.l. → STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)
Bogra ...	07 22	08 26				...	...	..	...
Chaklala ...		15 13	13 15	07 03	11 05	...		..	..
Chhor ...	34 06	32 06	31 07	29 06	31 05	32 01	...	...	...
Chittagong ...	18 15	17 18	15 16	...	...	...	..	...	.
Cox's Bazar ...	No	Ascent					...	...	...
Dacca ...	10 12	11 15	11 17	11 19	11 19	...			
Dalbandin ...		...	27 06	24 05	21 05	24 06	22 09	26 09	31 05
D. I. Khan ...	...	...	...				...		...
Drosh ...	...	...	...		21 11	19 15	...	.	...
Fort Sandeman ...				10 14	10 13		...	...	...
Jacobabad ...	16 06	17 03	27 01	03 03	02 08	36 21	...	.	
Jessore ...	11 15	13 11	...				...	...	...
Jhelum ...	13 02	16 05	15 09	12 07	16 05	...	...	...	...
Jiwani ...	16 13	17 07	20 05	24 02	02 03	...	...	...	.
Karachi ...	25 14	28 08	30 10	...		...	...	...	...
Khanpur ...	13 08	17 03	14 06	12 07	06 05	01 08		...	
Lahore ...	15 04	12 05	11 05	11 04	13 06	18 09	19 07	23 07	23 11
Multan ...	13 13	15 05	16 03	26 07	...	...	...		
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...			...	...	.	...	...
Peshawar ...	...	04 15	04 15	09 03					...
Quetta ...	...	..	...	..	33 08	27 04	30 09	33 09	32 03
Sharjah ...	...				...				
Sylhet ...	07 18	09 22	08 24	07 17	12 09	15 10	...	...	...
Veraval ...	...	...	...	..	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. → STATION	0.3 (11)	0.6 (12)	0.9 (13)	1.5 (14)	2.1 (15)	3.0 (16)
Bogra ...	07 18	11 21	10 23	11 22	11 25	11 25
Chaklala ...	...	15 03	18 05	19 02	13 03	...
Chhor ...	24 17	25 18		...	...	...
Chittagong ...	15 21	15 20	15 21	16 23	...	
Cox's Bazar ...	16 10	17 11	17 10	18 10	17 09	19 12
Dacca ...	12 17	13 19		...		
Dalbandin ...	...	...	13 03	21 10	24 11	27 14
D. I. Khan ...	...	...	...		...	...
Drosh ...	...	...	...	23 07	22 10	20 12
Fort Sandeman ...	...	...		03 06	28 04	30 10
Jacobabad ...	12 09	13 03	21 04	31 09	02 13	01 13
Jessore ...	No	Ascent	...	...		...
Jhelum ...	08 01	12 05	13 05	09 01	02 08	06 02
Jiwani ...	17 02	07 01	21 02	25 04	29 03	33 05
Karachi ...	27 15	27 15	30 13	02 08	04 14	02 23
Khanpur ...	04 18	04 07	20 02	21 04	21 04	08 08
Lahore ...	12 05	14 08	14 07	13 04	18 02	15 03
Multan ...	07 11	06 06	01 07	33 07	14 03	10 06
Muscat ...	...	...		...	...	...
Panjgur ...	...				...	...
Peshawar ...	..	03 03	04 02	19 06		
Quetta ...	..	...	...		16 05	29 10
Sharjah ...						
Sylhet ...	08 14	09 12	10 12	12 10	12 11	10 11
Veraval ...	...	...	..			...

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. → STATION	0.3 (17)	0.6 (18)	0.9 (19)	1.5 (20)	2.1 (21)	3.0 (22)	4.5 (23)	5.4 (24)	6.0 (25)	7.2 (26)	9.0 (27)
Bogra ...	10 16	..	...	..	...	...	...	...	...	...	...
Chaklala ...	...			...	...	.	...	...	...	...	...
Chhor ...								...	...	...	...
Chittagong ...	07 10	08 16	08 16	10 23	11 20	14 17	15 20	...	...	...	.
Cox's Bazar ...	16 12					...	...	..	..	...	...
Dacca ...	13 13	12 20	13 22	14 26	14 31						
Dalbandin ...	...	...	07 08	14 06	22 05	25 15	28 12	19 12	20 15	24 09	31 03
D. I. Khan ...		...		...		...	...		...	...	...
Drosh ...	...	...	...		35 01	16 05	21 11	20 09	23 13	..	..
Fort Sandeman ...			...	01 02	19 03	34 07	24 12				
Jacobabad ...	09 06	08 04	03 04	04 04	32 08	[illegible] 08	04 12	05 09	30 03	24 05	24 05
Jessore ...	No	Ascent	...		...	...	...	...	...	...	...
Jhelum ...	12 05	13 05	11 04	08 04	...	...	...	...	...	...	...
Jiwani ...	12 10	12 12	10 09	10 05	...	...	...	...	.	...	
Karachi ...	28 15	29 19	29 18	...	...	...	...	...	..	...	
Khanpur ...	03 08	02 09	01 09	31 07	...	...	...	...	...	...	...
Lahore ...	10 03	16 03	12 05	11 06		...	...	...	...	...	...
Multan ...	05 05	05 08	04 07	04 06	...	...	...	...	...	...	...
Muscat ...	.		...		...	...	...	...	...	...	...
Panjgur ...	.	..	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...							
Quetta ...	...	...	...	...	18 04	23 07	35 08	16 04	33 06	[illegible]	30 03
Sharjah ...								...	...	...	...
Sylhet ...	07 10	08 16	10 23	11 20	14 17	15 20	...	...	...		
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 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)	7.2 (11)	9.0 (12)	10.5 (13)	12.0 (14)	14.1 (15)	16.4 (16)	18.0 (17)	21.0 (18)	24.0 (19)
Chittagong ...																		
Dacca ...	11 11	11 07	xx xx	xx xx	xx xx	xx xx	13 13	15 06	17 05	18 17	16 21		...	..	...	...	...	...
Karachi ...	27 16	27 13	32 11	36 12	02 14	02 12	05 19	06 10	02 07	04 12	04 09	11 [illegible]			...	...	...	...
Peshawar ...		01 07	07 03	20 13	21 07	24 06	33 21	xx xx	29 02	28 09	27 08	27 04	29 07	27 25			..	..
Quetta ...																		

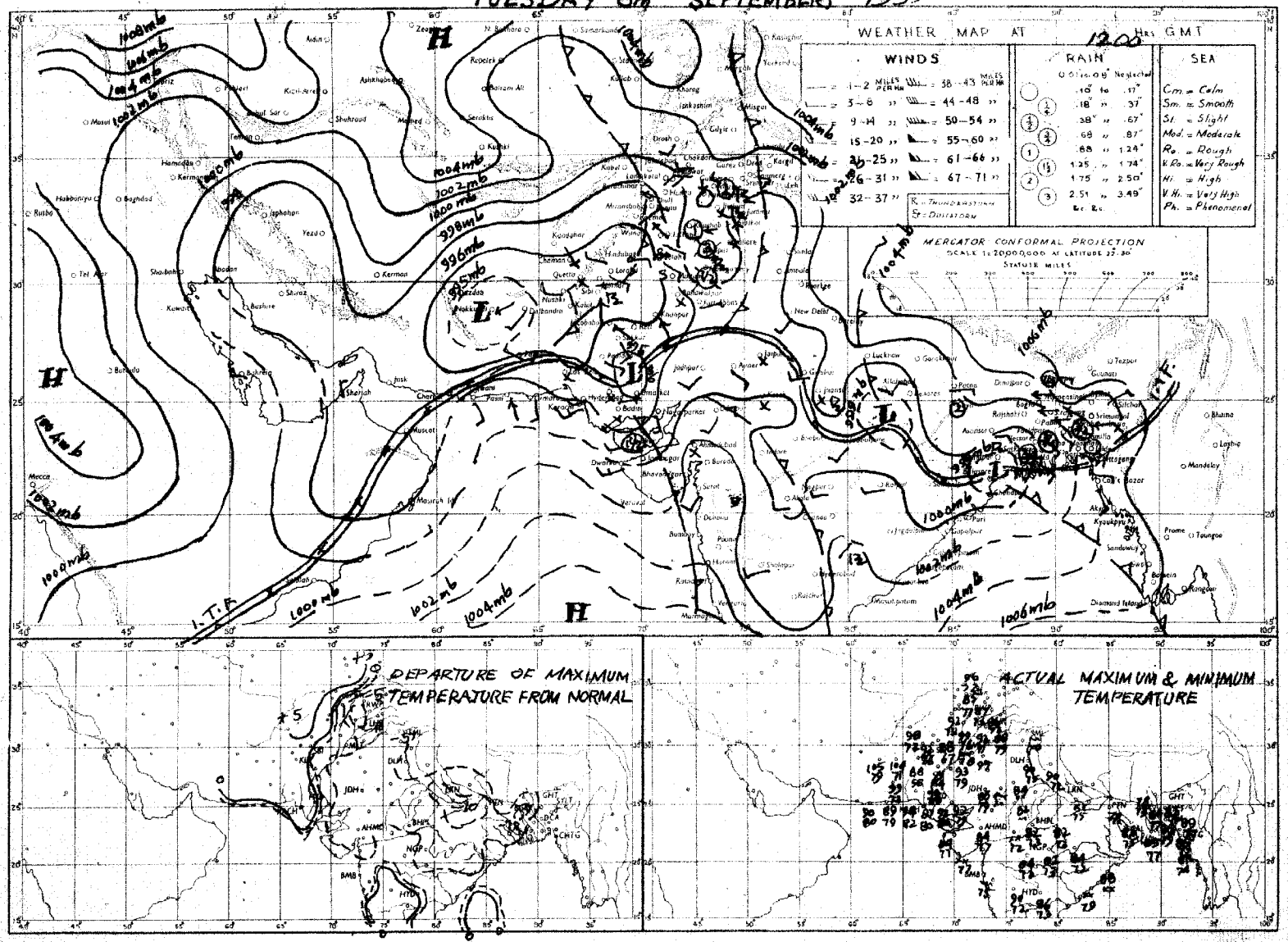
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI - 11

PAKISTAN DAILY WEATHER MAP

TUESDAY 8th SEPTEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 9 hours.

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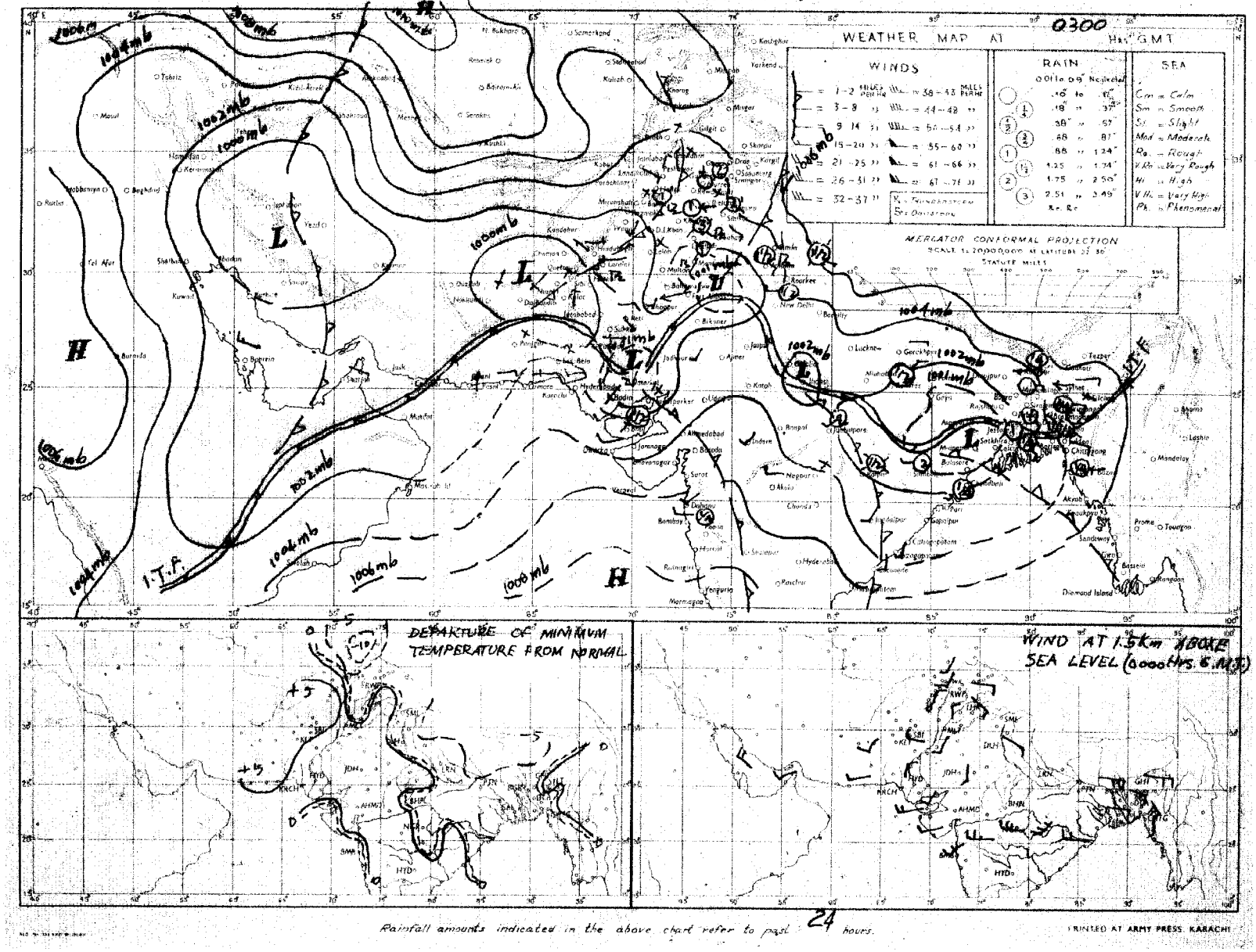
PAKISTAN DAILY WEATHER MAP

NOON DAY 9th SEPTEMBER, 1955



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 10th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low over Khairpur division and neighbourhood has merged in the seasonal low.

Low over northeast Rajasthan lies as a through over Rajasthan.

Low pressure wave over Peshawar division moved away eastwards while another is now moving across Afghanistan.

They have caused fairly widespread rain/thundershowers in Rawalpindi and Hyderabad divisions, local in Lahore and Peshawar divisions and scattered elsewhere over West Pakistan outside Bahawalpur and north Kalat divisions.

A depression lies at 10,0300 G.M.T. about 70 miles west of Balasore likely to move in a westerly direction.

Widespread rain has fallen in Dacca division and fairly widespread elsewhere over East Pakistan.

Chief amounts of rainfall are:- Jessore 3"; Faridpur 2"; Barisal, Cherat and Mithi 1½" each; Khulna, Satkhira and Montgomery 1" each; Chittagong, Maijdee Court, Comilla, Haripur and Umarkot 3/4" each, Barhmanbaria, Narayanganj, Dacca, Rajshahi, Rawalpindi, Murree and and Lasbela ½" each and Srimangal, Sirajganj, Bogra, Jhelum, Wana and Badin 1/4" each.

Day temperatures were:- 8—12 °F below normal in Bahawlpur, Multan, Lahore and Rawalpindi divisions, 3—5°F so in Peshawar, D. I. Khan, Khairpur divisions and East Pakistan and 3—6°F above normal in north Kalat and Quetta divisions.

Forecast valid until the evening of 11th September, 1959. Fairly widespread Rain/thundershowers will occur in Peshawar and Rawalpindi divisions, Kashmir and East Pakistan, be local in D. I. Khan, Lahore, Multan, Bahawalpur, Khairpur and Hyderabad divisions and the Federal Capital Area and scattered elsewhere over West Pakistan.

Heavy rainfall warning :- Locally moderate to heavy rain will fall in Peshawar, Rawalpindi and Hyderabad divisions, in Kashmir and over East Pakistan during next 24 hours.

Karachi-II
The 10th September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	1	8	16	03	95	15	6	014	78	7	4	5	2	x	75	83
	Chittagong	970	6	8	13	09	97	02	6	018	79	8	4	5	x	x	77	83
	Maijdee Court	015	2	8	18	02	96	03	6	012	79	2	2	6	0	2	77	82
	Comilla	069	3	8	03	00	95	50	6	012	77	8	4	5	x	x	75	85
	Brahmanbaria	040	3	8	09	02	95	61	6	015	79	8	4	4	x	x	71	86
	Sylhet	000	0	7	00	00	97	03	1	036	84	1	1	6	3	0	79	87
	Srimangal	008	2	8	00	00	94	95	9	018	79	8	3	3	x	x	76	87
Dacca	Mymensingh	000	0	8	00	03	98	02	2	011	83	8	7	5	x	x	76	86
	Narayanganj	003	9	8	13	00	95	03	6	002	82	8	4	4	x	x	76	66
	Dacca (Tezgaon)	003	9	8	13	07	97	02	6	001	81	3	3	5	7	x	75	85
	Faridpur	182	6	8	16	02	96	02	6	006	78	8	4	7	x	x	75	83
	Barisal	090	4	8	18	02	97	63	6	990	80	4	7	5	6	x	77	81
Rajshahi	Khulna	024	4	7	13	03	97	01	6	996	80	7	5	7	0	0	77	83
	Satkhira	098	0	8	00	00	98	02	6	004	83	x	x	x	x	x	76	87
	Jessore	238	9	8	09	03	95	03	6	998	78	8	8	5	x	x	78	83
	Sirajganj	000	0	8	00	00	98	02	2	985	xx	8	8	5	x	x	78	83
	Bogra			...			...				...	...		...		...		...
	Dinajpur	000	8	0	00	00	96	00	0	044	83	0	0	9	0	0	76	87
	Rangpur	000	0	5	05	05	96	01	2	xxx	82	3	5	6	2	x	76	86
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	011	8	5	00	00	96	01	6	000	82	2	2	6	3	4	77	87
	Sialkot	008	8	4	13	02	98	01	6	998	80	2	2	6	3	2	77	81
Rawalpindi	Jhelum	002	2	6	13	05	97	02	8	993	86	4	9	6	2	0	75	89
	Rawalpindi	056	3	6	27	02	98	50	9	008	77	4	6	6	0	6	77	82
	Khushab	000	0	2	00	00	99	03	0	982	90	2	2	6	0	0	76	91
Multan	Lyallpur	000	0	6	07	02	96	02	0	995	87	6	0	9	5	0	75	88
	Montgomery	069	0	4	00	00	96	02	6	986	84	2	0	9	2	2	78	91
	Multan	000	0	2	05	02	97	01	0	979	93	2	1	6	0	0	72	93
Bahawalpur	Leiah	000	0	2	00	00	98	01	2	991	91	2	4	6	0	0	70	94
	Khanpur	000	0	6	13	02	95	05	0	975	96	6	8	6	0	0	80	95
	Bahawalpur		...	...			...		...				...	...	...	...		
	Fort Abbas	000	0	5	18	03	96	03	1	991	80	5	0	9	3	0	79	xx
Peshawar	Chakdara	000	0	2	00	00	98	01	1	995	87	2	1	7	0	0	73	88
	Peshawar	000	0	2	05	05	97	01	1	980	90	2	1	5	0	0	74	91
	Haripur																	
	Campbellpur	000	0	6	00	00	98	03	0	001	88	6	2	6	0	0	80	91
D. I. Khan	Bannu	000	0	2	13	01	99	02	0	967	91	2	1	6	0	0	70	92
	D. I. Khan	000	6	0	00	00	98	00	0	971	95	0	0	9	0	0	79	95
Quetta	Sibi	000	9	4	13	02	98	03	0	960	01	4	2	5	0	0	72	02
Kalat	Nokkundi	000	0	0	05	02	99	02	0	928	05	0	0	9	0	0	48	08
	Turbat	000	0	6	23	02	96	30	0	981	01	6	0	9	2	0	79	04
	Jiwani	000	0	1	16	09	97	01	2	991	81	1	6	4	0	0	75	90
	Pasni	000	0	4	18	10	97	02	1	988	88	4	5	7	0	0	81	91
	Ormara	000	0	0	23	09	98	00	0	982	90	0	0	9	0	0	77	93
	Las Bela	000	0	4	00	00	96	31	7	996	98	3	6	8	8	8	81	01
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	5	25	14	98	02	1	993	86	x	x	x	x	x	79	88
	Karachi (Air Port)	000	0	6	23	09	97	02	2	999	86	2	5	6	4	1	74	89
	Badin	000	3	8	23	02	95	03	2	006	93	8	9	7	x	x	83	94
	Nagarparker	000	0	8	23	02	96	02	2	978	83	8	7	7	x	x	70	86
	Umarkot	021	5	7	20	05	98	02	6	967	89	4	2	6	1	1	79	93
	Hyderabad	000	0	7	18	02	97	03	2	975	92	3	8	6	0	8	77	97
Khairpur	Pad-i-dan	000	0	4	27	05	98	03	0	964	97	3	3	6	0	1	78	99
	Nawabshah	000	4	6	18	03	96	50	9	978	87	4	5	6	2	0	77	97
	Sukkur	000	8	4	02	03	96	03	0	966	94	4	0	9	3	0	77	96
	Kashmore	000	0	5	05	03	99	02	1	954	92	5	1	6	0	0	78	95
	Jacobabad	000	0	5	13	07	97	02	1	970	98	1	1	7	3	8	79	99
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	020	5	5	27	02	98	02	6	435	63	3	5	5	5	0	61	65
Peshawar	Drosh	000	8	2	23	10	97	01	2	387	91	2	2	6	0	0	56	94
	Cherat	032	6	4	18	03	97	03	6	421	77	3	6	6	1	0	74	79
	Kakul	005	6	3	18	03	99	02	6	433	79	3	2	7	0	0	67	78
	Landi Kotal	000	8	1	13	03	98	01	4	413	84	1	2	7	0	0	69	86
D.I. Khan	Parachinar	000	0	4	13	02	99	02	1	796	80	2	0	9	2	0	72	xx
	Miranshah	000	0	2	05	02	99	00	0	413	83	2	1	8	0	0	67	87
	Wana	026	1	2	07	03	99	60	1	402	73	2	0	9	4	0	xx	xx
	Fort Sandeman	000	0	2	02	03	98	01	0	415	91	0	0	9	0	3	53	93
Quetta	Hindubagh	000	3	7	05	03	94	03	2	466	90	6	0	9	3	4	47	91
	Loralai	000	0	4	13	09	95	01	1	402	83	2	3	6	2	0	68	80
	Harnai	000	6	6	09	02	98	02	2	xxx	xx	7	8	4	5	0	xx	xx
	Quetta	000	9	3	31	03	96	03	0	393	90	2	3	6	3	0	45	92
	Chaman	000	0	0	27	02	98	02	0	403	97	0	0	9	0	0	53	99
Kalat	Kalat	000	0	7	27	09	97	02	2	410	83	7	4	7	0	0	46	88
	Nushki	000	0	0	31	06	98	02	0	469	02	0	0	9	0	0	69	03
	Dalbandin	000	5	1	18	03	97	03	0	413	03	0	0	9	0	1	47	04
	Panjgur	000	0	2	00	00	98	02	0	436	96	2	0	9	4	0	54	98
Afghanistan	Kabul	000	0	0	18	01	99	00	0	476	81	0	0	9	0	0	62	90
	Kandahar																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	005	9	8	13	05	95	61	6	039	77	7	4	6	2	x	74	75	— 3	— 1	105.4	+14.5	121.2	140
Chittagong	072	2	8	13	02	97	02	6	042	79	4	2	5	2	x	77	76	— 4	0	82.5	+12.1	114.5	100
Maijdee Court	080	3	8	18	09	95	51	6	036	79	5	5	5	2	x	78	77	— 4	— 1	84.4	+10.1	114.8	115
Comilla	072	4	8	10	03	97	02	6	038	80	8	4	5	x	x	76	76	— 3	— 1	54.5	+ 3.5	80.4	94
Brahmanbaria	044	0	4	13	05	97	03	1	036	82	6	5	5	0	0	75	77	—	—	37.9	— 5.6	63.9	76
Sylhet	001	9	7	09	05	97	02	6	038	82	3	4	6	7	0	79	77	—	—	120.1	—	150.0	—
Srimangal	025	9	8	00	00	97	03	9	039	80	7	3	4	4	x	76	76	— 4	+ 1	59.2	+ 7.4	91.2	98
Mymensingh	015	9	8	13	02	98	02	6	027	80	8	4	5	x	x	78	75	— 2	— 3	63.2	+ 9.6	85.2	91
Narayanganj	049	9	8	16	05	96	61	6	028	79	8	7	4	x	x	78	77	— 3	— 2	44.6	+ 2.2	65.9	74
Dacca (Tezgaon)	045	9	8	13	09	97	61	6	022	77	8	4	4	2	x	77	76	—	—	45.9	—	61.5	—
Faridpur	196	9	8	16	02	96	51	6	004	78	8	7	6	x	x	77	74	— 5	— 5	48.1	+ 6.8	76.5	71
Barisal	157	9	8	09	02	97	63	6	019	78	8	0	6	7	x	75	76	— 7	— 3	73.8	+18.5	88.7	81
Khulna	120	5	8	13	09	96	02	6	012	79	8	5	5	x	x	78	75	— 5	— 3	31.0	+ 7.4	71.9	68
Satkhira	098	0	8	00	00	94	03	2	002	78	x	x	x	x	x	77	76	— 2	— 2	39.8	— 0.7	57.9	65
Jessore	276	9	8	13	07	xx	xx	x	006	78	8	7	5	x	x	78	75	—	—	40.7	+ 2.2	40.7	65
Sirajganj	020	7	6	00	00	98	02	6	010	80	8	4	5	x	x	76	77	— 5	— 1	49.7	+10.7	74.5	64
Bogra	022	9	8	09	06	96	20	6	023	80	5	5	4	2	x	76	76	—	— 2	50.3	+ 7.5	69.4	69
Dinajpur	000	3	7	09	02	96	02	2	016	81	7	2	7	0	0	75	76	— 2	— 2	29.1	—17.7	46.5	72
Rangpur	000	0	7	13	02	96	03	1	xxx	80	6	6	6	2	0	76	76	— 2	— 2	47.9	— 5.1	67.7	84
Jammu																							—
Lahore (Jail Rd.)	011	9	7	13	02	96	02	1	036	83	1	1	6	4	6	76	76	— 10	+ 1	21.0	+ 7.4	24.8	19
Sialkot	008	6	6	00	00	98	02	1	033	80	6	5	6	0	0	76	75	— 14	— 1	44.7	+23.1	50.6	32
Jhelum	032	4	5	05	02	97	01	6	037	80	1	1	7	3	0	76	76	—	—	34.7	—	45.0	—
Rawalpindi	060	0	8	02	02	98	02	2	037	78	8	6	6	x	x	75	75	— 12	+ 4	32.6	+11.3	45.6	36
Khushab	000	0	5	09	02	96	03	1	032	80	5	2	6	0	0	78	78	— 9	— 1	14.1	+ 4.6	19.5	15
Lyallpur	000	0	6	00	00	95	50	0	009	79	6	3	8	0	0	78	78	— 9	+ 1	14.0	+ 5.4	14.8	12
Montgomery	191	0	7	00	00	96	03	6	027	78	3	6	8	4	2	77	76	— 9	— 3	6.1	— 0.4	8.4	10
Multan	000	0	3	13	03	97	01	1	021	84	3	2	6	0	0	79	81	— 6	+ 1	5.8	+ 1.2	7.9	7
Leiah	000	0	8	09	02	98	03	2	008	84	6	7	7	4	x	78	80	—	—	4.6	—	6.5	8
Khanpur	000	0	0	07	03	96	02	0	009	85	0	0	9	0	0	76	80	— 8	+ 2	0.3	— 4.4	1.2	6
Bahawalpur	000	0	2	02	02	97	02	0	002	84	0	0	9	0	2	78	80		+ 3	5.4	+ 1.2	6.4	6
Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					4
Chakdara	080	0	8	00	00	97	03	2	014	77	8	6	7	x	x	73	73	—	—	8.1	—	23.7	—
Peshawar	002	3	8	05	07	96	95	9	036	77	7	3	3	2	x	77	77	— 5	+ 3	6.2	+ 2.3	20.2	14
Haripur	080	2	7	23	14	97	03	6	017	73	7	5	6	0	0	62	69		—	16.8	—	27.7	—
Campbellpur	000	0	4	13	03	98	03	0	016	81	6	0	9	6	0	75	81	—	—	18.0	—	32.0	—
Bannu	000	2	6	16	01	99	01	0	021	80	6	9	6	0	0	74	79	—	—	10.9	—	17.8	11
D. I. Khan	000	2	2	05	02	98	01	1	028	85	2	0	9	2	0	78	80	— 6	+ 2	10.1	+ 5.0	13.9	10
Sibi	000	2	5	02	02	98	03	1	013	87	5	0	9	3	0	78	83	—	—	3.7	—	4.0	5
Nokkundi	000	0	0	02	02	98	02	0	993	85	0	0	9	0	0	41	79	—	—	0	—	1.1	2
Turbat	000	0	6	13	02	95	03	0	031	83	6	0	9	6	0	78	xx	—	—	2.3	—	6.7	—
Jiwani	000	0	6	13	03	96	03	0	021	83	6	6	4	0	0	74	80	—	—	0.1	—	5.7	4
Pasni	000	0	4	23	02	97	02	1	016	81	2	5	7	0	1	79	79	+ 1	+ 7	0.1	— 0.8	2.6	6
Ormara	000	0	6	27	03	98	02	1	013	85	6	0	9	2	0	28	82	—	—	0.2	— 0.6	2.1	6
Las Bela	048	0	0	00	00	98	00	6	082	83	0	0	9	0	0	75	83	—	—	5.5	—	3.7	8
Karachi (Manora)	000	0	4	25	05	94	10	1	020	84	4	0	9	3	0	80	81	+ 3	+ 3	11.2	+ 5.5	11.2	8
Karachi (Air Port)	000	0	6	27	05	96	03	2	018	82	3	5	6	3	1	78	81	—	—	17.1	—	17.3	—
Badin	020	5	8	00	00	95	03	6	006	82	8	9	7	x	x	81	80	0	+ 2	6.7	— 0.3	6.7	9
Nagarparker	xxx	2	8	00	00	95	02	6	987	78	8	7	7	x	x	67	77	—	—	13.5	—	13.5	—
Umarkot	077	0	7	18	02	98	02	6	002	78	7	0	9	1	0	77	73	—	—	15.6	—	16.4	—
Hyderabad	000	0	5	00	00	97	01	2	009	83	2	0	9	2	8	77	81	0	+ 4	11.6	+ 6.0	12.4	7
Pad-i-dan	000	0	1	00	00	97	02	0	008	85	0	0	9	0	1	78	81	—	—	6.0	—	8.3	—
Nawabshah	000	0	3	00	00	96	03	0	012	83	3	0	9	3	0	79	83	—	—	5.3	—	6.0	—
Sukkur	009	9	4	16	02	96	01	2	009	85	0	0	9	0	3	76	83	—	—	2.2	—	3.3	4
Kashmore	000	0	3	18	02	99	02	0	995	82	3	1	7	0	0	65	81	—	—	2.0	—	2.1	—
Jacobabad	000	0	3	07	03	96	03	1	013	87	0	0	9	0	3	79	84	— 4	+ 5	3.7	+ 1.6	4.4	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							24
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																							—
Gilgit																							5
Murree	049	2	9	13	02	90	49	6	464	61	9	x	0	x	x	60	59	— 5	+ 4	44.1	+11.6	69.4	59
Drosh	000	3	5	00	00	96	03	2	447	65	5	2	6	0	0	xx	xx	+ 4	—	1.3	—	30.4	18
Cherat	134	0	8	18	05	91	47	6	447	68	8	5	6	x	x	68	67	— 6	0	15.9	+ 3.9	25.9	49
Kakul	008	2	8	16	03	96	20	6	459	69	8	7	4	x	x	68	67	—	—	46.1	—	53.8	—
Landi Kotal	000	3	8	05	03	93	17	4	444	72	9	x	0	x	x	70	xx	—	—	2.5	—	17.5	—
Parachinar	000	0	2	27	01	99	02	0	797	67	2	0	9	1	0	63	xx	—	—	12.0	—	25.8	29
Miranshah	000	0	0	05	02	99	00	0	448	79	0	0	9	0	0	69	74	—	—	2.7	— 1.4	5.7	[illegible]
Wana	026	0	0	13	02	99	10	0	444	73	0	0	9	0	0	62	67	—	—	5.1	—	14.1	—
Fort Sandeman	000	0	6	02	03	97	03	0	466	74	6	5	6	0	0	67	73	— 1	+ 3	5.9	+ 1.1	14.7	11
Hindubagh	000	0	0	05	02	98	00	0	419	72	0	0	9	0	0	54	71	—	—	4.5	—	12.5	—
Loralai	000	0	5	00	00	95	03	2	426	72	2	3	6	0	3	68	67	—	—	7.0	..	12.8	—
Harnai	000	5	7	02	01	97	02	9	xxx	xx	5	7	4	3	0	57	xx	—	—	8.4	— 1.4	12.7	14
Quetta	000	9	1	16	02	96	01	0	436	72	0	0	9	0	1	63	66	—	—	4.4	— 3.3	10.0	8
Chaman	000	0	0	13	02	98	02	0	436	81	0	0	9	0	0	52	71	+ 6	+ 5	0.3	0	6.2	7
Kalat	000	0	2	18	09	97	03	1	457	70	0	0	9	0	2	62	59	+ 3	+ 8	4.3	+ 3.1	9.0	9
Nushki	000	0	3	09	05	98	03	0	478	87	0	0	9	0	1	71	80	—	—	0.9	—	2.7	—
Dalbandin	000	9	6	00	00	97	03	1	423	76	0	0	9	0	4	38	71	+ 3	+ 8	0.2	— 0.2	2.2	5
Panjgur	000	0	0	00	00	98	00	0	451	77	0	0	9	0	0	66	74	+ 2	+ 7	1.5	—	3.1	4
Kabul	000	0	0	00	00	99	00	0	504	69	0	0	9	0	0	59	55	—	—	—	—	—	12
Kandahar																							—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day.
Whenever 999 is given for RRR see the summary above for the actual amounts of rain

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 10th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_oL_o$	$L_aL_oL_o$ GG	N dd ff	VV ... W	PPP TT	$N_hC_hhC_mC_H$	D_aV_as PP	8 N, Ch, h,	O T, T_s T_dT_d	$I_dd_aPH_a$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Amra	43 189	640 03	8 23 09	97 05 3	028 81	82 4 xx	15 10 5	...	0 51 75	1 23 33
Asia	43 162	540 00	1 23 14	98 02 0	012 79	00 9 01	17 60 4	...	0 18 77	1 23 33
Vallecia	43 197	587 00	8 22 18	97 05 2	997 72	86 6 xx	54 60 5	...	0 00 71	1 22 33
Caltex Endhoven	43 164	547 06	8 22 13	96 02 0	051 79	85 1 xx	56 20 2	...	0 03 77	1 22 34
Esso Nederland	43 246	580 06	6 14 09	96 04 1	015 86	42 5 69	74 21 3	...	0 51 79	1 14 28
Vallecia	43 188	581 06	8 12 20	95 10 4	016 73	86 4 xx	54 21 2	...	0 03 71	1 22 36
Caltex Pernis	43 241	585 06	3 12 07	98 02 0	019 84	30 7 30	...	...	0 51 79	1 13 21
Asia	43 170	557 06	8 23 17	97 03 2	035 79	8&8 xx	17 32 0	...	0 04 77	1 23 33
Amra	43 199	671 06	7 23 13	97 05 3	012 82	78 4 00	15 80 0	...	0 51 75	1 23 23
Asia	43 178	573 12	9 23 18	94 43 4	986 75	9x 0 xx	16 73 3	...	0 04 73	1 23 33
Caltex Endhoven	43 158	531 12	0 19 20	97 02 1	004 79	00 9 00	56 72 0	...	0 03 77	1 19 34
Amra	43 214	682 12	7 23 09	98 05 3	018 82	77 4 50	15 71 0	...	0 51 75	1 23 23
Dwarka	43 249	651 18	5 00 00	95 02 1	018 82	56 6 00	25 21 0	...	0 51 77	1 15 42

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTcTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100mb
			HHHTTT TdTcTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra														
Chittagong														
Dacca	23 00	999 268 242	005 xxxxxx	...	480 168 148	...	055 088 072	321 025 012	782 545 558	517 638 655	966 775	244 006	427 128	678 242
Jiwani														
Karachi	00 00	999 278 255	...	...	340 238 202	..	070 152 105	356 072 542	826 525 605	572 602 715	974 708	260 915	450 030	..
Lahore	00 00	—	Missa	..		...	—	...	...	...	...	..	...	...
Multan														
Peshawar	00 00	960 262 252	..	...	400 195 195	..	060 118 118	...	...	...	...	...	...	...
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT TdTcTd								Max. Height Reached PPPTTT TdTcTd	TROPOPAUSE: St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra													
Chittagong													
Dacca	23 00	900 195 165	800 138 112	568 002 522	350 692 708	264 838 942	...	...	...	...	264 838 942	...	..
Jiwani													
Karachi	00 00	900 255 248	800 205 158	350 655 752	...	...	...	...	...	...	350 655 752	...	...
Lahore	00 00	—	Missa	..	..	...	...	...	...	...		...	...
Multan													
Peshawar	00 00	900 222 222	800 172 172	648 092 092	...	...	...	...	..	...	648 092 092	...	...
Quetta													

PPP—Pressure in hundreds tens and units of millibars.
TTT, TdTdTd: Dry Bulb; Dew Point temperatures(in tenths of ° C.)
St=Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry bulb temperatures in o C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in Kms. a.s.l.	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bagra																										
Chaklala																										
Chhor																										
Chittagong																										
Cox's Bazar																										
Dacca	11 20	11 27	12 31	12 25	12 28	...	...	...	...	11 29	...	...	...	...	...	10 28	11 29	...	...	...	...	...	...	...	...	...
Dalbandin																										
D. I. Khan																										
Drosh																										
Fort Sandeman																										
Hyderabad	20 07	23 05	28 05	02 07	36 10	01 12	02 10	01 05	32 03	08 06	43 10	14 12	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Iesoorn	No	Ascent								27 11	31 08	36 10	36 13	...	15 15	15 25	...	...	...	...	...	...	...	...	...	...
Jacobabad	34 16	16 18	17 23							16 24	16 24	16 24	16 19	...	No	Ascent										
Jiwani	10 11	11 19	11 19	13 12	14 12	15 14	...	...	...	15 34	16 27	16 27	...	...	12 18	13 25	...	...	...	...	...	...	...	...	...	...
Karachi	37 15	28 13	29 12							No	Ascent															
Khanpur	07 04	36 09	36 12	02 10	04 09	04 23	...	...	...	06 03	02 03	02 08	01 12	36 12	29 19	09 08	04 12	05	04 01	19 03	21 04	36 09	22 07	15 13	14 25	36 07	05 23
Lahore	11 09	11 13	11 11	42 09	12 08	11 06	13 16	...	...	12 03	15 08	16 10	13 09	...	...	09 04	12 05	...	...	...	...	...	...	...	...	...
Multan	04 04	02 06	02 09	01 11	01 11	02 17	36 13	34 13	33 09	20 13	02 02	05 02	03 11	02 10	01 17	07 07	06 06	...	...	...	...	...	...	...	...	...
Muscat																										
Panjgur																										
Peshawar	...	05 04	06 05	18 06	21 03	...	...	...	...	...	05 05	...	...	...	...	...	...	...	...	...	27 03	36 10	07 07	08 10	09 09	08 07
Quetta					31 08	30 07	31 04	36 08	03 09					xx xx	32 12											30 09
Sharjah																										
Sylhet	10 11	11 19	11 19	13 12	14 12	15 14	...	...	...	10 05	09 05	12 10	13 10	12 11	...	No	Ascent									
Veraval																										

* The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	12 20	14 23	13 22	13 21	14 20	16 20	17 14	16 14	16 12	20 19	19 15	27 12	26 23	30 24	35 17	05 24	...	...
Karachi	25 09	25 09	34 08	34 10	35 15	02 25	03 22	05 22	05 19	02 15	03 13	02 11	36 09	36 10	36 09	03 08	...	...
Peshawar		30 15	06 04	08 09	38 12	26 09	36 11	26 07	09 12	07 12	03 07	34 28	34 17	34 16	...	...	...	...
Quetta																		

*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

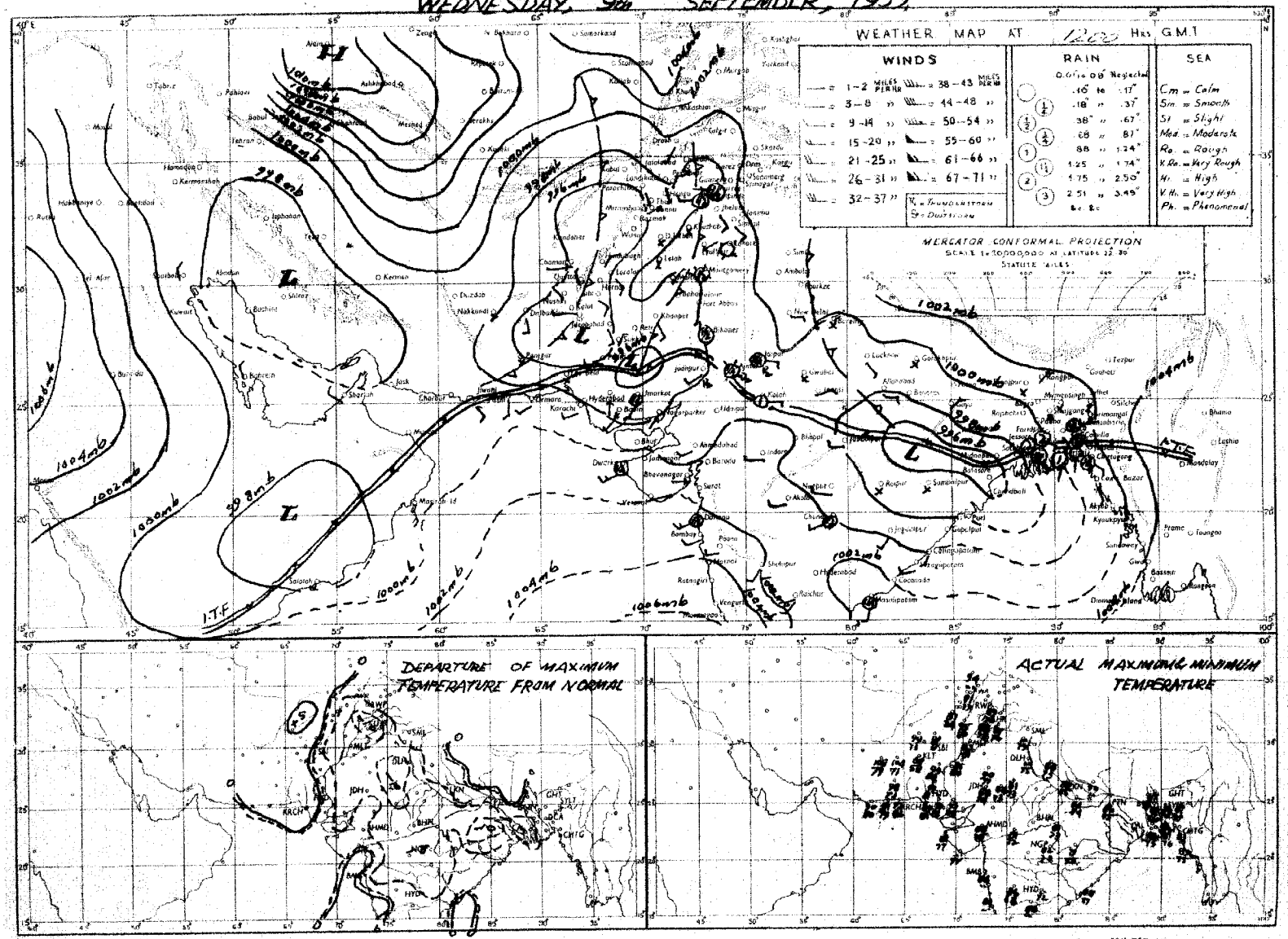
Cloud observation Data (GGiii Cdd V,V, etc.)

05 712 00 618
05 715 00 106

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 SEPTEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 9 hours.

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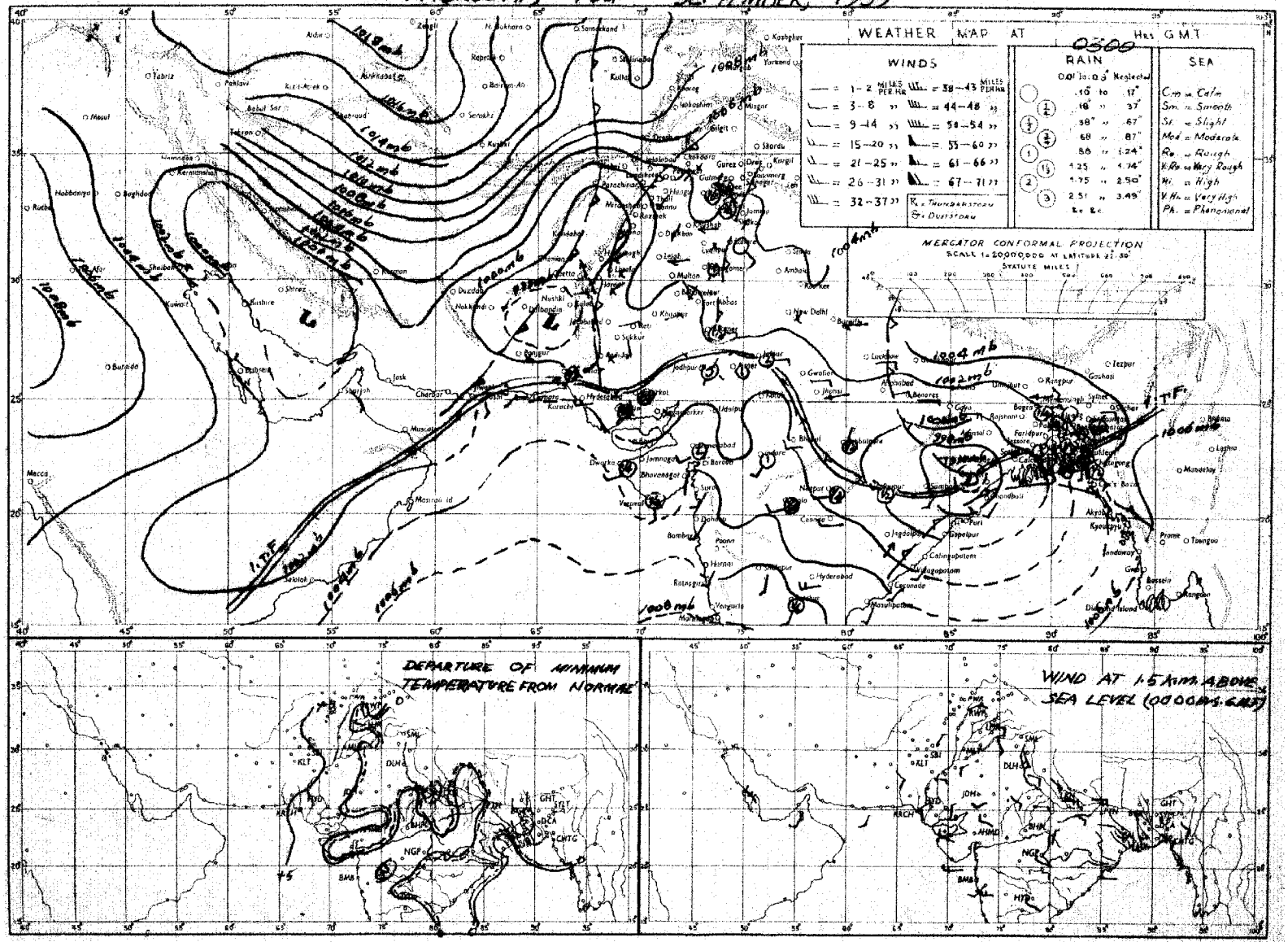
PAKISTAN DAILY WEATHER MAP

THURSDAY, 10th SEPTEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

FRIDAY THE 11th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Observations from Orissa and neighbourhood are lacking but believe yesterday's depression moved westwards and new lies at 11,0300 G.M.T. near Samballpur. It is likely to continue moving in the same direction. Under its influence rainfall has been widespread in Dacca division and fairly widespread elsewhere over East Pakistan.

The westerly low pressure wave over Afghanistan is now moving across Peshawar division and neighbourhood.

A well marked low lies over Hyderabad division and adjoining areas.

They have caused local rain/thundershowers in Lahore, Rawalpindi and Hyderabad divisions and scattered Rain/thundershowers in Peshawar, Quetta, south Kalat and Khairpur divisions. Isolated duststorm has been reported from Bahawalpur divisions.

Chief amounts of rainfall are:- Barisal 6"; Narayanganj, Khulna and Jessore 2" each; Dacca, Faridpur and Badin 1½" each; Satkhira, Sirajganj, Murree, Lasbela, Umarkot and Hyderabad 1" each; Cox's Bazar, Maijdee Court and Brahmanbaria 3/4" each; Comilla, Sylhet, Srimangal and Rawalpindi ½" each and Mymensingh 1/4".

Day temperatures were:- 6—10 °F below normal in Peshawar, Rawalpindi, Multan, Bahawalpur, lower Rajshahi and Dacca divisions, 3—5°F so elsewhere over the country outside Kalat and adjoining Quetta divisions and the Federal Capital Area where they were 2—5°F above normal.

Forecast valid until the evening of 12th September, 1959 Fairly widespread rain/thundershowers will occur in East Pakistan, Hyderabad and Khairpur divisions and the Federal Capital Area, local in Quetta, Peshawar, Rawalpindi and Bahawalpur divisions and Kashmir and scattered thunderstorm/showers elsewhere over West Pakistan.

Heavy rainfall warning :- Locally moderate to heavy rain will fall in East Pakistan and in Hyderabad and Khairpur divisions and the Federal Capital Area during next 24 hours.

Karachi-11
The 11th September, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	049	9	8	16	05	95	61	6	019	76	7	4	6	2	x	75	79
	Chittagong	001	1	8	16	09	97	02	6	018	78	6	4	4	2	x	77	82
	Maijdee Court	055	2	8	18	09	95	51	6	010	78	5	5	5	2	x	77	81
	Comilla	018	2	8	00	00	95	50	6	012	77	8	4	5	x	x	75	84
	Brahmanbaria	025	0	8	13	03	95	63	1	014	76	8	5	5	x	x	75	83
	Sylhet	000	7	8	00	00	97	21	6	011	83	3	4	6	2	0	77	86
	Srimangal	027	8	8	00	00	97	03	6	012	81	8	4	4	x	x	77	xx
Dacca	Mymensingh	000	0	8	00	00	98	02	2	009	80	8	4	6	x	x	76	86
	Narayanganj	078	9	8	13	07	95	61	6	002	78	4	7	4	2	x	77	62
	Dacca (Tezgaon)	044	9	8	13	09	97	61	6	998	76	5	7	3	2	x	75	81
	Faridpur	030	9	8	16	02	96	51	5	004	77	8	7	0	x	x	75	85
	Barisal	142	9	7	00	00	96	6.	6	990	78	7	0	8	6	0	77	80
Rajshahi	Khulna	057	6	8	13	09	95	03	6	987	77	8	5	5	x	x	76	80
	Satkhira	073	0	8	00	00	94	61	6	985	77	x	x	x	x	x	76	80
	Jessore	016	9	8	09	05	95	6.	6	990	77	8	8	5	x	x	77	81
	Sirajganj	022	8	8	09	05	58	02	6	984	80	8	0	9	5	x	76	82
	Bogra	007	7	8	09	02	96	50	6	996	79	4	4	5	2	x	74	84
	Dinajpur	000	9	7	00	00	96	02	2	999	84	7	2	9	0	0	75	88
	Rangpur	010	3	6	13	02	96	01	6	xxx	77	4	5	6	2	2	76	85
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	6	00	00	96	02	1	989	89	4	5	7	6	9	71	90
	Sialkot	000	6	3	00	00	98	01	1	988	81	3	2	6	0	0	79	91
Rawalpindi	Jhelum	000	8	3	23	02	98	01	1	986	90	2	1	7	0	0	74	92
	Rawalpindi	000	0	5	26	02	99	01	2	989	90	3	1	8	0	0	75	91
	Khushab	000	0	2	36	02	99	01	1	986	88	2	2	6	0	0	76	89
Multan	Lyallpur	000	0	5	00	00	96	02	0	990	89	5	0	9	4	0	75	90
	Montgomery	000	0	2	00	00	96	02	0	983	90	2	9	6	0	0	76	91
	Multan	000	0	4	09	03	98	02	1	980	92	2	2	6	0	1	78	94
Bahawalpur	Leiah																	
	Khanpur	000	0	0	34	05	96	30	0	969	96	0	0	9	0	0	75	97
	Bahawalpur	090	4	5	07	03	97	03	1	983	90	5	0	9	4	0	77	95
	Fort Abbas	000	0	6	11	02	98	02	1	976	95	6	6	8	0	0	78	96
Peshawar	Chakdara	000	0	2	00	00	97	01	1	992	84	2	1	7	0	0	73	86
	Peshawar	000	9	2	05	02	98	01	9	984	90	2	1	6	0	0	76	91
	Haripur	000	4	6	13	04	97	03	1	969	88	6	2	6	0	0	74	91
	Campbellpur	000	0	6	23	02	98	03	0	993	90	6	1	6	0	0	74	91
D. I. Khan	Bannu	000	0	2	16	01	99	01	0	975	89	2	1	6	0	0	75	93
	D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		...
Quetta	Sibi	000	9	5	18	03	98	03	1	958	01	4	0	9	3	2	72	03
Kalat	Nokkundi	000	0	0	34	02	97	02	0	940	02	0	0	9	0	0	25	04
	Turbat	000	0	C	23	03	96	00	0	980	05	0	0	9	0	0	81	05
	Jiwani	000	0	5	23	12	96	03	1	000	87	5	6	4	0	0	75	89
	Pasni	000	0	0	23	14	97	00	0	990	87	0	0	9	0	0	81	93
	Ormara	000	0	0	27	09	98	00	0	990	88	0	0	9	0	L	78	91
	Las Bela	000	0	2	00	00	98	30	3	980	98	2	0	8	6	0	82	01
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	7	25	14	96	03	2	992	85	7	0	9	2	0	79	87
	Karachi (Air Port)	000	0	7	23	07	96	03	1	003	84	1	5	5	3	8	72	83
	Badin	000	3	8	23	02	95	03	2	975	90	8	9	7	x	x	80	91
	Nagarparkar																	
	Umarkot	000	0	7	18	02	98	02	1	970	92	3	1	6	1	0	79	95
	Hyderabad	000	C	8	20	02	97	03	1	973	87	2	8	6	2	1	75	99
Khairpur	Pad-i-dan	000	0	2	05	07	97	03	0	967	98	2	3	6	0	0	74	99
	Nawabshah	000	4	2	00	00	96	02	9	974	99	2	2	6	0	0	75	xx
	Sukkur	000	8	4	36	02	96	01	1	968	97	0	0	9	0	3	79	99
	Kashmore	000	0	4	18	02	99	02	1	997	90	4	1	6	0	0	77	02
	Jacobabad	000	0	2	13	05	97	01	0	970	99	1	2	7	0	8	81	99
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	000	0	0	09	07	98	00	0	041	80	0	0	9	0	0	41	83
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	012	3	9	09	02	90	49	6	437	62	9	x	0	x	x	61	64
Peshawar	Drosh	000	0	3	27	07	98	02	0	380	93	0	0	9	0	0	57	98
	Cherat	000	0	0	18	01	98	00	0	429	75	0	0	9	0	0	71	75
	Kohat	004	4	7	13	07	97	03	6	431	73	7	7	4	0	0	69	79
	Landi Kotal	000	8	1	05	16	98	01	4	422	82	1	1	7	0	0	69	85
D.I. Khan	Parachinar	000	0	4	13	02	99	02	1	796	79	3	0	9	1	1	68	xx
	Miranshah	000	0	0	13	02	99	00	0	456	87	0	0	9	0	0	66	90
	Wana	000	0	4	13	01	97	01	1	xxx	xx	2	4	2	8	0	xx	xx
	Fort Sandeman	000	0	3	05	03	98	01	0	426	90	3	0	8	7	0	57	92
Quetta	Hindubagh	000	2	3	05	02	98	03	0	375	88	2	0	9	3	4	49	88
	Loralai	000	0	5	13	05	96	01	2	419	85	3	2	5	2	0	64	88
	Harnai	000	6	7	02	02	98	03	9	xxx	xx	7	8	5	0	0	xx	xx
	Quetta	000	9	1	31	03	97	02	0	417	90	1	3	6	0	0	35	91
	Chaman	000	0	0	31	02	98	02	0	398	96	0	0	9	0	0	54	98
Kalat	Kalat	000	0	3	31	05	97	02	0	410	82	3	0	9	3	0	43	87
	Nushki	000	0	0	18	09	98	02	0	469	02	0	0	9	0	0	73	03
	Dalbandin	000	8	3	23	03	97	01	1	417	03	3	0	9	3	0	38	05
	Panjgur	000	0	0	30	13	98	00	0	443	99	0	9	9	0	0	27	00
Afghanistan	Kabul																	
	Kandahar																	

At 0300 Hrs. G.M.T. of date

Divisions	Stations	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Cox's Bazar	073	9	5	13	07	97	01	6	032	80	1	3	7	5	2	76	75
	Chittagong	001	9	8	15	05	97	02	6	039	82	4	2	5	4	x	79	76
	Maijdee Court	080	1	8	18	05	94	61	6	026	78	8	0	6	2	x	78	76
	Comilla	057	7	8	00	00	97	50	6	036	77	8	4	5	x	x	75	76
	Brahmanbaria	070	0	8	23	02	96	60	6	042	78	8	0	9	2	x	77	76
	Sylhet	043	9	8	39	05	97	02	6	043	79	5	4	6	2	x	75	75
	Srimangal	047	9	8	00	00	96	60	6	044	78	8	5	4	x	x	76	75
Dacca	Mymensingh	028	8	8	13	02	96	60	6	040	79	8	6	3	x	x	78	75
	Narayanganj	185	9	8	09	05	95	63	6	029	78	8	7	4	x	x	77	76
	Dacca (Tezgaon)	153	9	8	13	07	96	61	6	026	77	5	7	2	1	x	75	76
	Faridpur	134	9	8	16	02	95	95	6	024	77	8	7	6	x	x	75	74
	Barisal	609	4	8	13	02	96	62	6	017	79	6	6	5	4	x	77	76
Rajshahi	Khulna	207	9	8	00	00	95	02	6	013	77	8	5	5	x	x	76	75
	Satkhira	110	9	8	00	00	94	65	8	998	77	x	x	x	x	x	75	76
	Jessore	178	9	8	09	09	95	63	6	006	77	8	7	5	x	x	77	75
	Sirajganj	120	3	8	09	05	97	60	6	006	78	8	7	5	x	x	75	76
	Bogra	010	9	8	09	07	96	60	6	024	78	6	6	4	2	x	76	77
	Dinajpur	000	3	7	09	02	96	02	2	012	80	7	4	7	0	0	76	76
	Rangpur	010	0	7	09	05	96	03	1	xxx	80	6	5	6	1	0	74	77
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	5	8	00	00	96	02	2	030	81	5	4	6	2	x	78	80
	Sialkot	015	3	7	00	00	98	02	1	025	80	7	4	6	0	0	74	77
Rawalpindi	Jhelum	000	2	7	05	02	78	02	2	030	79	3	7	6	2	0	75	78
	Rawalpindi	040	8	8	03	00	98	58	6	027	76	8	5	4	x	x	74	75
	Khushab	000	0	5	09	02	99	31	1	036	82	5	3	6	0	0	77	78
Multan	Lyallpur	000	0	6	00	00	95	50	0	015	80	6	7	8	0	0	77	78
	Montgomery	000	0	2	00	00	96	02	0	020	85	2	0	9	4	0	76	78
	Multan	000	0	5	09	02	97	02	1	012	85	5	0	9	5	0	79	83
Bahawalpur	Leiah																	
	Khanpur	000	0	0	05	03	96	02	0	010	87	0	0	9	0	0	79	81
	Bahawalpur	000	0	7	18	02	97	03	2	008	88	x	x	x	x	x	80	81
	Fort Abbas	000	0	4	20	02	98	02	1	013	83	4	0	9	4	0	79	75
Peshawar	Chakdara	000	0	6	00	00	98	01	2	030	88	6	0	8	4	0	75	74
	Peshawar	000	0	7	34	05	98	02	1	020	82	3	6	6	2	0	77	78
	Haripur	009	6	7	00	00	97	03	5	023	74	7	6	6	0	0	59	68
	Campbellpur	000	0	6	09	03	98	03	0	044	81	6	0	9	6	0	77	81
D. I. Khan	Bannu	000	2	3	00	00	99	02	0	019	84	3	4	6	0	0	74	79
	D. I. Khan	000	2	5	00	00	98	02	1	016	87	5	0	9	5	0	79	80
Quetta	Sibi	002	9	8	13	02	97	92	9	001	85	8	8	5	x	x	76	81
Kalat	Nokkundi	000	0	0	00	00	97	02	0	993	80	0	0	9	0	0	31	77
	Turbat	000	0	0	31	02	96	00	0	007	84	0	0	9	0	0	77	xx
	Jiwani	000	0	7	11	03	99	02	2	010	83	4	6	4	0	0	76	81
	Pasni	000	0	6	29	03	97	01	1	002	82	0	0	9	0	8	78	78
	Ormara	000	0	5	27	07	98	02	1	992	83	5	2	6	0	0	80	80
	Las Bela	118	0	2	00	00	98	20	2	995	81	2	0	8	6	0	75	77
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	8	00	00	96	03	2	005	82	8	0	9	2	x	78	80
	Karachi (Air Port)	000	0	7	29	03	96	03	1	997	79	7	0	9	7	0	76	76
	Badin	174	3	8	23	02	94	82	6	990	81	8	0	9	8	x	80	79
	Nagarparkar																	
	Umarkot	094	0	8	31	03	98	02	6	990	79	8	4	6	x	x	78	73
	Hyderabad	120	2	8	00	00	97	50	6	990	75	3	9	6	2	x	74	75
Khairpur	Pad-i-dan	000	9	8	13	07	97	02	1	003	83	6	3	5	2	x	77	81
	Nawabshah	000	0	8	00	00	96	50	9	990	78	8	2	6	x	x	75	78
	Sukkur	000	9	8	16	02	96	03	2	000	87	8	0	9	9	x	79	84
	Kashmore	000	0	3	05	02	99	02	0	003	89	3	1	8	0	0	78	82
	Jacobabad	000	6	5	05	03	97	52	5	003	85	4	5	7	2	8	82	82
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	000	0	0	00	00	98	00	0	080	60	0	0	9	0	0	26	49
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	096	3	9	00	00	96	24	2	462	62	9	x	0	x	x	61	60
Peshawar	Drosh	000	0	3	00	00	97	01	0	444	76	3	2	6	0	0	64	75
	Cherat	000	0	6	13	03	98	03	1	453	71	3	2	6	5	0	70	67
	Kohat	006	9	8	13	05	95	21	5	452	69	8	7	3	x	x	67	67
	Landi Kotal	000	0	7	05	02	98	03	1	435	74	7	6	5	x	0	70	xx
D.I. Khan	Parachinar	000	0	5	00	00	99	02	1	796	67	5	0	9	1	0	63	xx
	Miranshah	000	0	4	00	00	99	02	1	426	78	3	0	8	2	2	71	75
	Wana	...		...	...	...	...	...		...	...	...	...	...	...		...	
	Fort Sandeman	000	0	3	05	03	97	01	0	446	76	3	1	7	0	0	69	72
Quetta	Hindubagh	000	3	5	07	03	96	02	1	418	73	2	0	9	3	4	68	72
	Loralai	000	0	7	00	00	94	02	1	427	75	7	3	4	0	0	67	71
	Harnai	000	4	6	09	01	96	01	7	xxx	xx	6	8	7	0	0	xx	xx
	Quetta	000	9	6	16	03	96	03	1	428	75	4	1	6	3	1	61	67
	Chaman	000	0	0	18	01	98	02	0	425	77	0	0	9	0	0	38	71
Kalat	Kalat	000	0	4	00	00	98	03	0	457	70	0	0	9	0	1	62	59
	Nushki	000	0	3	31	02	98	01	0	476	83	3	8	6	0	0	52	81
	Dalbandin	000	9	2	05	02	95	05	0	417	75	0	0	9	0	1	37	71
	Panjgur	000	0	8	00	00	98	03	0	437	76	8	0	9	6	x	67	73
Afghanistan	Kabul																	
	Kandahar																	

Departure from Normal of / Rainfall

Divisions	Stations	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	— 7	— 1	106.1	+ 4.7	121.9	140
	Chittagong	— 5	— 1	82.5	+11.8	114.5	108
	Maijdee Court	— 5	— 2	85.2	+ 9.9	117.1	115
	Comilla	— 4	— 1	55.0	— 1.5	81.0	94
	Brahmanbaria	—	—	38.7	— 3.9	64.6	76
	Sylhet	—	—	120.5	—	158.5	—
	Srimangal	—	0	59.7	+ 7.5	91.6	98
Dacca	Mymensingh	— 2	— 3	63.5	+ 9.4	85.6	91
	Narayanganj	— 7	— 3	46.5	+ 1.7	67.7	74
	Dacca (Tezgaon)	—	—	47.4	...	63.0	—
	Faridpur	— 3	— 5	49.4	+ 7.8	77.8	71
	Barisal	— 8	— 3	79.9	+29.7	94.7	81
Rajshahi	Khulna	— 8	— 2	53.1	+ 9.3	73.9	68
	Satkhira	— 9	— 1	40.9	+ 0.2	59.0	68
	Jessore	—	—	41.4	+ 2.7	91.6	65
	Sirajganj	— 6	— 2	50.9	+11.6	75.7	64
	Bogra	— 5	— 1	50.4	+ 7.3	69.5	60
	Dinajpur	— 1	— 2	29.1	— 8.7	46.5	73
	Rangpur	— 3	0	48.0	— 5.5	67.9	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 5	+ 6	21.0	+ 7.3	24.8	19
	Sialkot	— 4	+ 2	44.9	+23.1	50.2	42
Rawalpindi	Jhelum	—	—	34.7	—	45.0	—
	Rawalpindi	— 4	+ 5	33.0	+11.5	46.0	36
	Khushab	— 11	0	14.1	+ 4.6	19.5	15
Multan	Lyallpur	— 7	+ 3	14.0	+ 7.3	16.0	12
	Montgomery	— 10	+ 1	6.1	— 0.5	8.4	10
	Multan	— 5	+ 4	5.8	+ 1.2	7.9	7
Bahawalpur	Leiah						8
	Khanpur	— 6	+ 6	0.3	— 4.4	1.2	6
	Bahawalpur	— 6	+ 7	5.4	—	6.4	6
	Fort Abbas	—	—	7.7	—	6.1	4
Peshawar	Chakdara	—	—	8.1	—	23.7	—
	Peshawar	— 5	+ 6	6.2	+ 2.3	20.2	14
	Haripur	—	—	16.9	—	27.8	—
	Campbellpur	—	—	18.0	—	32.0	—
D. I. Khan	Bannu	—	—	10.9	—	17.8	11
	D. I. Khan		+ 3	10.1	+ 5.0	13.9	10
Quetta	Sibi	—	—	3.7	—	4.0	5
Kalat	Nokkundi	—	—	0	—	1.1	2
	Turbat	—	—	3.3	—	6.7	—
	Jiwani	—	—	0.1	—	5.7	4
	Pasni	+ 3	+ 5	0.1	— 0.8	2.6	6
	Ormara	—	—	0.2	— 0.6	2.1	6
	Las Bela	—	—	6.6	—	6.8	8
Karachi Federal Area Hyderabad	Karachi (Manora)	+ 2	+ 3	11.2	+ 5.4	11.2	8
	Karachi (Air Port)	—	—	17.1	—	17.3	—
	Badin	— 3	+ 3	8.4	+ 1.4	8.4	9
	Nagarparkar						
	Umarkot	—	—	15.6	—	17.4	—
	Hyderabad	—	—	12.8	+ 7.2	13.6	7
Khairpur	Pad-i-dan	—	—	6.0	—	6.3	—
	Nawabshah	—	—	5.3	—	4.0	—
	Sukkur	—	—	2.2	—	3.3	4
	Kashmore	—	—	2.0	—	2.1	—
	Jacobabad	— 4	+ 4	3.7	+ 1.5	4.4	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						—
Arabia	Muscat						4
	Kuwait						—
	HILL STATIONS						
Kashmir	Srinagar						36
	Gulmarg						—
	Sonamarg						71
	Dras						26
	Leh						3
	Skardu						6
	Misgar	—					—
	Aliabad						—
	Gilgit						5
Rawalpindi	Murree	— 6	+ 5	45.1	+12.4	70.3	59
Peshawar	Drosh	+ 8	+ 10	1.3	—	30.4	18
	Cherat	— 10	+ 1	15.9	+ 4.8	25.9	29
	Kohat	—	—	46.1	—	50.9	—
	Landi Kotal	—	—	2.5	—	17.5	—
D.I. Khan	Parachinar	—	—	12.0	—	25.8	39
	Miranshah	—	—	2.7	— 1.4	5.7	13
	Wana						
	Fort Sandeman	— 2	+ 5	5.9	+ 1.5	14.7	11
Quetta	Hindubagh	—	—	4.5	—	12.5	—
	Loralai	—	—	7.0	.	12.8	—
	Harnai	—	—	8.4	+ 1.4	12.7	14
	Quetta	—	—	4.4	+ 3.4	10.0	8
	Chaman	+ 5	+ 7	0.1	0	6.2	7
Kalat	Kalat	+ 2	+ 1	4.3	+ 3.1	9.0	9
	Nushki	—	—	0.9	—	2.7	—
	Dalbandin	+ 4	+ 7	0.2	— 0.1	2.2	5
	Panjgur	+ 4	+ 6	1.5	—	3.1	4
Afghanistan	Kabul						12
	Kandahar						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day.

Whenever 999 is given for RRR see the summary above for the actual amount of rain

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 11th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	$I_dd_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Asia	53 200	604 00	6 23 18	97 02 1	993 75	65 4 00	16 60 3	...	0 01 68	1 23 34
Vallasia	53 168	558 00	8 23 16	98 05 4	014 77	86 3 xx	54 22 0	...	0 01 76	1 23 33
Asia	53 211	618 06	6 23 18	97 02 0	023 81	65 4 00	16 20 3	...	0 02 75	1 23 34
Asia	53 223	635 12	5 23 08	97 02 2	973 81	54 5 00	16 61 5	...	0 02 75	1 23 x3
Dwarka	53 235	674 18	8 23 09	99 03 2	021 82	74 6 5x	35 30 7	...	0 51 77	1 23 33
Asia	53 234	650 18	6 24 10	98 02 2	014 81	65 5 00	16 30 2	...	0 00 75	1 23 x3

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels												
		Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPPTTT$T_d$$T_d$$T_d$	HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	000 265 238	088 265 238	...	400 138 112	...	033 085 048	297 028 505	756 542 572	482 648 722	960 782	239 008	...	...
Jiwani ...														
Karachi ...	00 00	996 255 232	...	...	400 272 165	...	113 185 052	415 112 502	914 032 572	629 558 625	990 652	...	...	...
Lahore ...	00 00	...	Misda	...		...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	01 00	961 262 255	..	...	400 202 202	...	067 122 122	345 062 062	823 505 535	558 575 999	...	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		PPPTTT $T_dT_dT_d$									PPPTTT $T_dT_dT_d$	St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 165 142	800 128 105	559 000 530	350 708 785	278 822 925	...	...	...	...	278 822 925	...	...
Jiwani ...													
Karachi ...	00 00	900 272 165	800 252 132	350 602 728	250 728 862	...	...	...	...	...	250 728 862	...	...
Lahore ...	00 00	...	Misda	..	.	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	01 00	900 212 212	800 182 182	350 632 999	307 665 999	...	...	...	...	...	307 665 999	...	...
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT; $T_dT_dT_d$: Dry Bulb; Dew Point temperatures(in tenths of °C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry bulb temperatures in oC.
50 has [illegible] d to the numbers when temperatures are negative.

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms. a.s.l.→	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	No	Ascent	...	...	...	...	—	..	...
Chaklala ...		19 03	19 03	21 03	25 01	02 05	..	...	..
Chhor ...	24 04	26 06	21 06	01 12	02 19	01 24	—	...	...
Chittagong ...	16 15	...	..	...	...	...	...	...	—
Cox's Bazar ...	No	Ascent	...	.	...		...	...	...
Dacca ...	No	Ascent	...	...	—		...	—	...
Dalbandin ...	..	—	26 10	23 08	26 06	32 06	34 02	19 11	18 12
D. I. Khan ...	—	—	—	...	...	—	...	...	—
Drosh ...	...	—	...	—	23 15	20 10	18 09	08 06	36 09
Fort Sandeman ...	—	...	—	03 06	03 06	36 14	03 15	03 21	05 15
Jacobabad ...	18 03	21 02	27 02	02 06	01 12	35 23	01 18	35 10	07 06
Jessore ...	No	Ascent	—	..	...	..	—	...	...
Jhelum ...	20 04	17 03	16 04	24 02	32 05	34 05	36 08	36 08	03 07
Jiwani ...	20 10	29 08	20 05	13 03	36 07	34 07	27 07	31 19	33 15
Karachi ...	26 19	26 16	28 07	06 06	04 08	01 24	36 14	...	—
Khanpur ...	02 07	03 09	04 11	03 17	03 19	02 25	02 20	01 09	35 14
Lahore ...	13 05	14 07	15 05	16 03	...	—	...	..	...
Multan ...	07 09	06 10	05 02	02 23	02 17	02 14	04 10	36 12	36 12
Muscat ...	—	—	—	—	—	—	—	...	—
Panjgur ...	—	...	...	...	...	...	...	...	—
Peshawar ...	...	08 03	11 01	14 06	15 03	29 09	14 06	15 33	29 09
Quetta ...	—	..	...	...	29 08	02 04	06 09	07 10	09 10
Sharjah ...	...	—	...	...	—	..	...	...	...
Sylhet ...	17 04	17 04	16 05	...	...	...	...	...	...
Veraval ...	...	...	...	...	—	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l.→	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	No	Ascent	...	...	—	...
Chaklala ...	...	...	—	—	...	—
Chhor ...	No	Ascent	..	...	...	...
Chittagong ...	17 25	17 25	18 23	17 28	18 28	..
Cox's Bazar ...	...	—	—	—	—	—
Dacca ...	No	Ascent	...	...	...	...
Dalbandin ...	...	—	32 01	24 07	24 08	22 08
D. I. Khan ...	—	...	...	...	...	
Drosh ...	—	—	—	23 02	22 02	25 02
Fort Sandeman ...	...	...	—	04 07	35 05	36 06
Jacobabad ...	07 19	06 12	02 08	35 09	35 10	...
Jessore ...	No	Ascent	...	..	..	—
Jhelum ...	09 04	12 04	19 07	18 06	...	.
Jiwani ...	13 08	11 07	15 04	—		...
Karachi ...	28 11	30 08	35 08	36 08	35 16	06 15
Khanpur ...	08 06	09 10	07 10	06 13	06 11	06 13
Lahore ...	11 08	13 07	17 03	16 02	15 03	—
Multan ...	10 10	11 08	12 06	08 04	05 08	03 10
Muscat ...	...	—	—	—	—	...
Panjgur ...	—	...	...	...	...	...
Peshawar ...	..	08 05	20 06	22 05	22 04	...
Quetta ...	..	...	...	...	26 03	34 08
Sharjah ...	...	...	—	...	...	...
Sylhet ...	08 12	08 03	14 13	14 15	14 12	...
Veraval ...	...	—	—	...	...	...

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l.→	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	No	Ascent	—	—	...	...	...	—	—	—	...
Chaklala ...	—		...	...	...	...	...	...	...	...	...
Chhor ...	..	...	...	...	..	—	...	...	...	...	...
Chittagong ...	...	—	...	...	..	—	...	...	—	—	...
Cox's Bazar ...	...	...	—	...	—	—	...	...	—	...	...
Dacca ...	No	Ascent	...	...	—	—	—	...	...	...	...
Dalbandin ...	—	...	06 04	08 11	13 07	23 06	24 14	13 16	10 29	12 34	10 22
D. I. Khan ...	..	—	—	—	...	...	...	...	...	...	...
Drosh ...	—	...	—	—	23 03	22 03	20 04	20 06	20 11	...	...
Fort Sandeman ...	...	—	...	02 02	07 03	...	...	—	...	...	...
Jacobabad ...	08 09	08 12	07 12	05 10	04 15	04 20	—	...	—	—	...
Jessore ...	No	Ascent	—	...	...	...	—	—	...	...	...
Jhelum ...	09 02	13 05	15 04	21 04	26 04	30 04	34 06	12 06	...	...	...
Jiwani ...	21 06	20 05	—	...	...	...	...	...	...	...	...
Karachi ...	02 04	02 04	04 08	05 19	—	...	...	...	..	...	—
Khanpur ...	09 06	09 10	08 12	08 17	07 15	06 11	—	...	...	...	...
Lahore ...	24 04	24 03	24 03	36 01	10 02	20 03	...	...	...	...	...
Multan ...	07 01	10 03	11 05	—	—	...	—	...	...	...	...
Muscat ...	...	—	—	..	..	—	—	...	...	...	...
Panjgur ...	—	...	...	...	—	...	...	..	...	...	...
Peshawar ...	—	02 05	03 07	...	11 03	36 10	09 13	14 09	10 13	10 15	07 12
Quetta ...	—	...	...	—	...	...	—	—	...	...	—
Sharjah ...	...	...	...	...	...	—	...	—	...	...	...
Sylhet ...	18 04	20 05	18 07	17 09	...	...	...	...	...	...	—
Veraval ...	...	...	..	...	—	...	...	—	...	...	

* The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.[illegible]	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	15
Chittagong ...																		
Dacca ...	12 27	14 30	14 38	14 28	14 29	15 24	17 26	19 25	18 22	18 21	17 19	22 24	22 32	...	...	...	—	...
Karachi ...	08 06	02 10	35 14	33 19	34 21	34 21	03 26	03 22	03 18	04 22	04 21	07 20	04 15	—	...	—	...	...
Peshawar ...	...	28 18	06 18	16 03	24 05	26 07	04 09	12 07	10 15	03 14	02 13	...	—	...	...	...	...	...
Quetta ...																		

*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

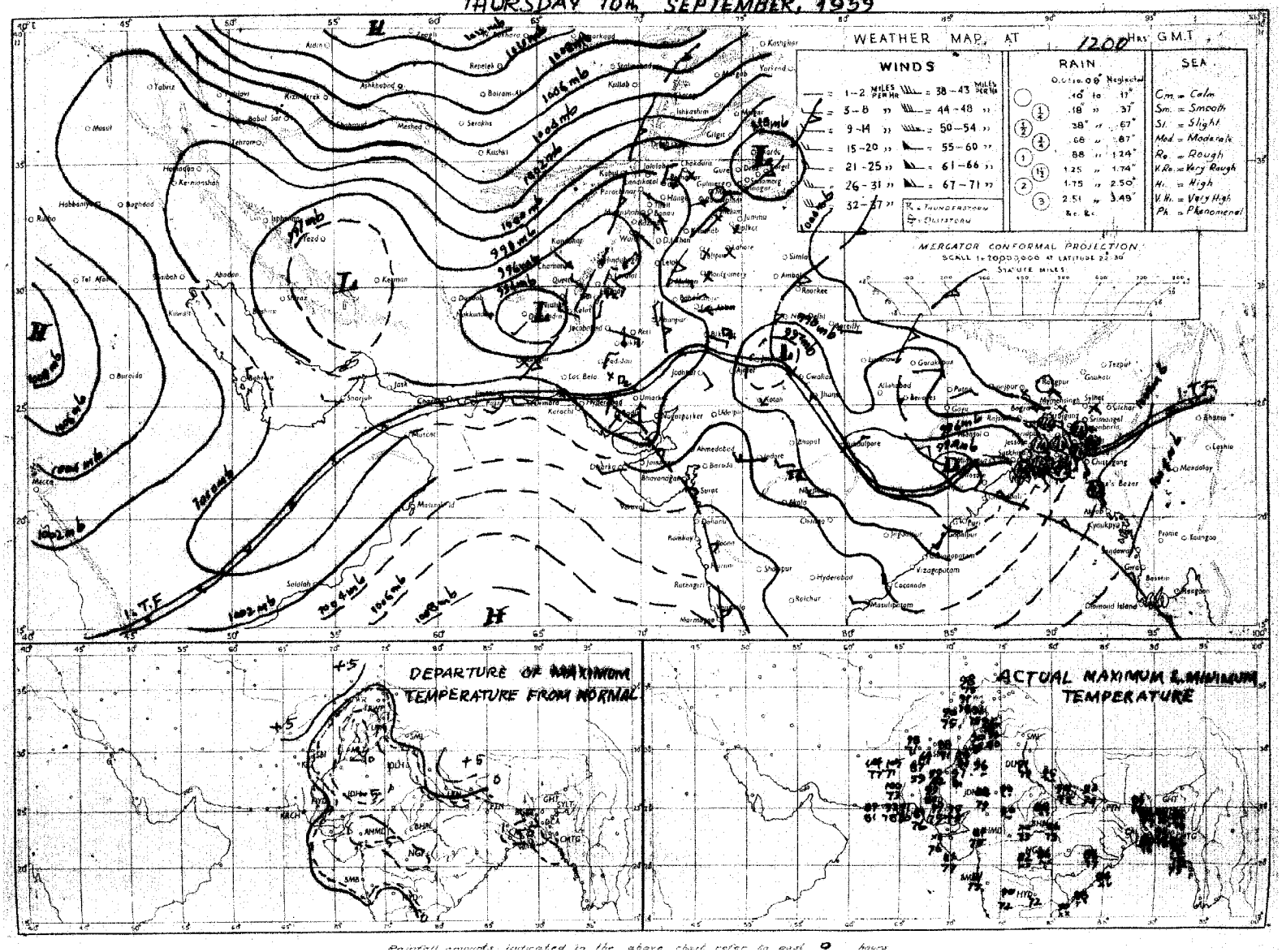
Cloud observation Data (GGili Cdd V_rV_r etc.)

05 715 30 519

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

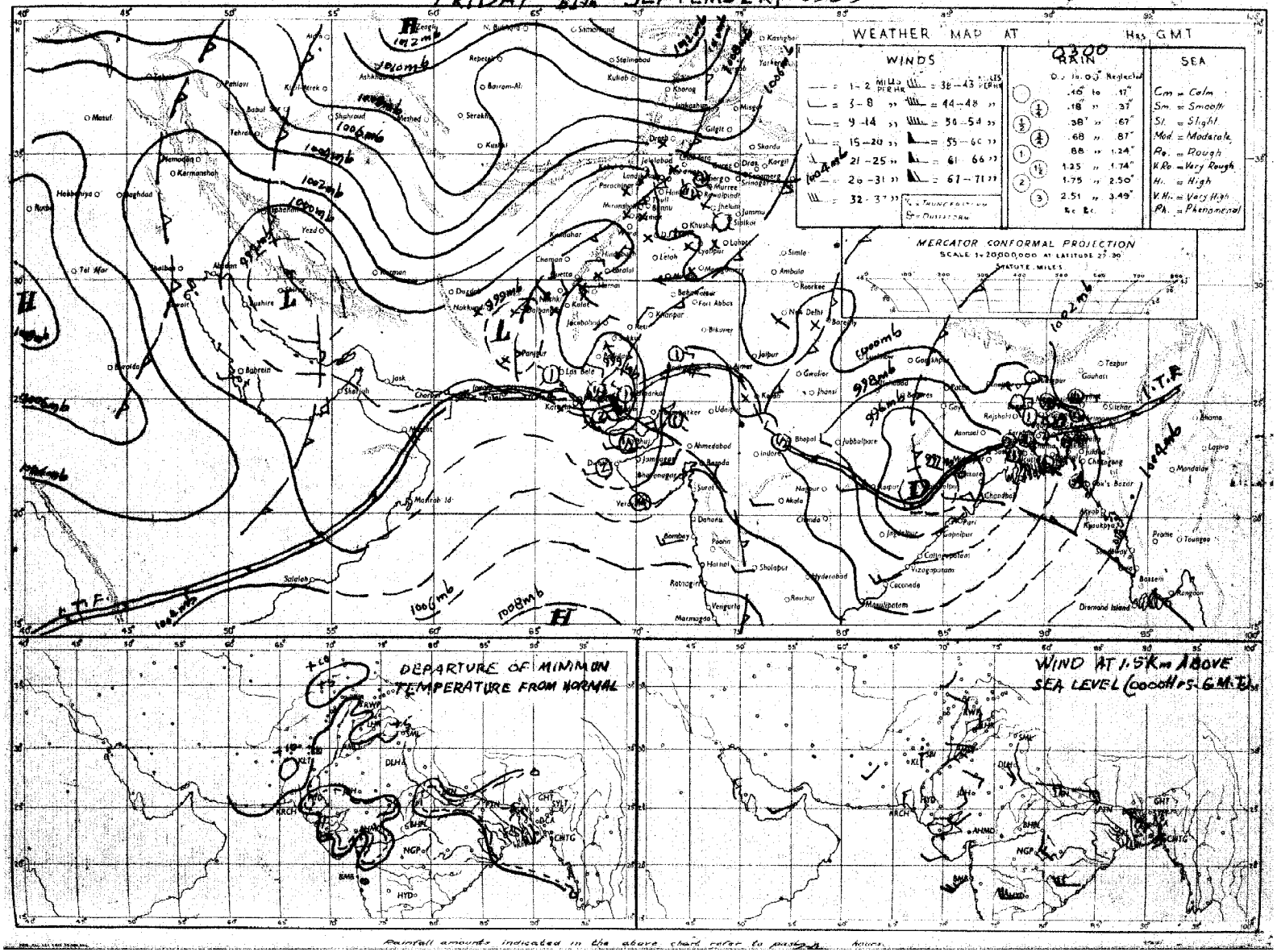
THURSDAY 10th SEPTEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 0 hours

PAKISTAN DAILY WEATHER MAP

FRIDAY 11th SEPTEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SATURDAY THE 12th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Observations from Orissa and Bihar are lacking but believe yesterday's depression moved slightly westwards and is centred at 12,0300 G.M.T. close to Chamba, It is likely to move in westerly direction. In its association rainfall has been widespread in Dacca division and fairly widespread in Chittagong and Rajshahi divisions.

Yesterday's well marked low persists over Hyderabad division.

The low pressure wave is now moving across Rawalpindi division.

Fairly widespread Rain/thundershowers have occured in Khairpur, Hyderabad divisions and the Federal Capital Area, local in Lahore division and scattered in Peshawar and Quetta divisions, light rain/drizzle has also occured in Rawalpindi and Kalat divisions.

Chief amounts of rainfall are:- Barisal 7", Majidee Court 6", Dacca and Narayanganj 5" each, Faridpur 4", Comilla, Satkhira, Sirajganj, Karachi (Manora) 3" each Khulna, Jessore, Mithi 2" each Barahmanbaria, Rajshahi, Bogra, Harnai, Hyderabad, Padidan, Nawabshah, Sukker 1" each, Karachi (Air Port) 3/4"; Cox's Bazar, Chittagong, Mymensingh, Nagarparker, Umarkot ½" each, Lahore 1/4".

Day temperatures were:- 8—13 °F below normal in Dacca, Rajshahi and Hyderabad divisions, 3—5°F so in Chittagong, Lahore, Rawalpindi, D. I. Khan, Bahawalpur, Multan and Khairpur divisions.

Forecast valid until the evening of 13th September, 1959 fairly widespread rain/thundershowers will occur in Hyderabad division and East Pakistan, local in Khairpur division and the Federal Capital Area and scattered elsewhere in West Pakistan.

Heavy rainfall warning :- A few moderate to heavy falls of rain are likely to occur in Hyderabad division and East Pakistan during the next 24 hours.

Karachi-11
The 12th September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 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	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)* PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	012	9	6	16	07	95	61	6	019	79	2	9	6	2	2	76	86
	Chittagong	038	7	8	13	05	97	02	5	023	81	6	4	5	2	x	76	83
	Maijdee Court	085	2	8	13	09	93	65	6	016	76	5	7	5	2	x	75	81
	Comilla	005	4	8	00	09	95	02	6	015	80	8	4	5	x	x	72	84
	Brahmanbaria	012	8	8	11	05	96	03	x	013	79	2	5	5	2	x	78	79
	Sylhet	000	0	8	00	00	97	02	2	027	81	3	5	6	2	x	77	85
	Srimangal	004	8	8	00	00	96	02	6	023	80	8	5	4	x	x	78	83
Dacca	Mymensingh	026	8	8	13	02	97	02	6	014	78	8	7	5	x	x	77	80
	Narayanganj	215	9	8	13	05	94	63	6	008	78	8	7	4	x	x	77	79
	Dacca (Tezgaon)	170	9	8	13	09	96	61	6	994	78	5	9	2	2	x	77	78
	Faridpur	059	8	8	16	03	95	60	6	998	78	8	7	5	x	x	75	80
	Barisal	190	9	8	00	00	96	63	6	990	78	8	7	6	x	x	76	80
Rajshahi	Khulna	125	5	8	13	14	95	03	6	983	78	8	5	5	x	x	77	78
	Satkhira	167	9	8	00	00	94	63	6	974	77	x	x	6	x	x	75	86
	Jessore	104	9	8	09	05	95	60	6	979	77	8	8	5	0	x	77	78
	Sirajganj	042	8	8	09	03	97	02	2	980	78	8	7	5	0	0	75	00
	Bogra	014	9	7	09	05	96	01	6	993	79	4	7	4	2	0	74	78
	Dinajpur	000	9	7	09	02	96	02	2	997	80	7	5	6	x	0	74	88
	Rangpur	090	0	6	09	02	96	03	1	xxx	[illegible]	3	5	6	2	0	74	85
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	039	7	4	00	00	[illegible]	01	6	986	89	1	1	7	3	6	74	93
	Sialkot	000	0	0	00	00	98	00	0	983	80	0	0	9	0	0	78	00
Rawalpindi	Jhelum	000	7	6	23	02	98	02	2	978	91	1	1	6	3	0	76	93
	Rawalpindi	003	0	2	00	00	99	00	2	980	89	2	2	7	0	0	77	85
	Khushab	000	0	2	09	02	99	01	1	980	91	0	0	6	0	2	77	93
Multan	Lyallpur	000	0	5	00	00	96	02	0	973	92	5	0	9	4	0	75	95
	Montgomery	000	0	2	03	03	96	60	0	979	95	2	0	9	2	0	81	98
	Multan	000	0	3	00	00	98	01	0	974	95	2	1	6	0	1	77	98
Bahawalpur	Leiah	000	0	8	05	05	98	17	2	002	87	2	7	8	6	0	8[illegible]	81
	Khanpur	000	0	4	07	03	96	05	0	967	97	4	0	9	4	0	74	99
	Bahawalpur	000	0	6	00	00	97	03	0	982	94	0	0	8	0	5	79	95
	Fort Abbas	000	0	0	07	03	98	00	0	960	94	0	0	9	0	0	79	98
Peshawar	Chakdara	000	0	2	23	02	98	01	1	945	88	2	1	7	0	0	74	84
	Peshawar	000	0	1	05	02	97	02	1	967	92	1	1	6	0	0	76	63
	Haripur	000	4	3	09	02	97	01	2	960	86	3	5	6	0	0	76	90
	Campbellpur	000	0	4	13	03	98	03	0	998	90	4	1	6	0	0	76	91
D. I. Khan	Bannu	000	0	2	13	01	99	01	0	995	99	2	1	6	0	0	73	93
	D. I. Khan	000	6	2	00	00	98	03	0	957	97	9	0	9	2	0	80	98
Quetta	Sibi	000	9	7	13	10	97	02	1	973	92	7	7	5	0	2	70	01
Kalat	Nokkundi	000	0	0	20	02	97	02	0	910	05	0	0	9	0	0	43	06
	Turbat	000	0	0	36	02	96	00	0	963	03	0	0	9	0	0	80	04
	Jiwani	000	0	5	18	12	96	01	2	980	87	1	5	5	3	0	72	90
	Pasni	000	0	6	20	16	97	00	0	971	87	6	0	9	0	8	79	92
	Ormara	000	0	6	27	05	98	02	1	979	88	6	0	9	1		78	92
	Las Bela	030	0	6	00	00	96	31	7	996	87	5	8	6	8	7	75	88
Karachi Fedral Area Hyderabad	Karachi (Manora)	094	3	8	00	00	93	81	9	987	84	0	0	9	2	0	84	83
	Karachi (Air Port)	048	0	8	00	00	96	59	6	992	76	3	5	5	3	0	74	85
	Badin	000	3	9	23	02	95	03	2	002	80	0	9	7	0	0	77	62
	Nagarparker	003	0	4	23	03	97	01	0	971	85	9	2	7	0	0	68	88
	Umarkot	067	4	7	23	02	98	02	6	983	80	7	5	6	0	0	77	87
	Hyderabad	019	3	8	23	05	97	03	6	984	78	2	5	6	2	0	75	62
Khairpur	Pad-i-dan	080	4	8	02	10	96	61	6	981	77	4	7	4	2	1	76	87
	Nawabshah	057	1	8	36	02	96	63	6	998	79	3	9	4	2	x	77	50
	Sukkur	042	8	8	20	05	96	67	6	980	82	8	0	9	9	0	79	97
	Kashmore	000	0	4	xx	03	99	00	0	967	95	4	1	8	0	0	73	93
	Jacobabad	003	3	7	27	03	97	17	9	987	85	4	8	6	3	0	80	97
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	7	8	05	02	97	03	4	433	65	8	3	3	x	x	63	66
Peshawar	Droah	000	0	0	23	14	98	02	0	370	54	0	0	9	0	0	56	98
	Cherat	015	7	2	18	03	98	01	6	416	79	2	2	6	0	0	77	80
	Kakul	002	4	7	11	05	99	50	5	427	76	7	4	7	0	0	69	79
	Landi Kotal	000	0	1	13	05	99	02	1	403	85	1	1	7	0	0	72	88
D. I. Khan	Parachinar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Miranshah	000	0	0	05	02	99	00	0	417	88	0	0	9	0	0	67	90
	Wana	000	0	4	11	05	99	70	2	424	84	4	2	8	0	0	64	67
	Fort Sandeman	000	0	4	02	03	98	03	0	515	90	4	1	7	0	0	65	91
Quetta	Hindubagh	000	5	5	05	04	94	02	2	385	86	0	0	9	3	4	55	66
	Loralai	000	0	6	13	11	94	02	2	419	78	3	4	5	2	0	67	86
	Harnai	000	0	6	09	02	96	97	9	xxx	xx	6	9	5	0	0	xx	xx
	Quetta	000	0	6	18	06	96	03	2	363	87	3	3	5	9	0	56	93
	Chaman	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kalat	Kalat	000	0	7	05	07	97	02	2	401	80	7	7	7	0	0	55	87
	Nushki	000	0	3	31	05	98	02	0	468	01	3	8	6	0	0	75	03
	Dalbandin	000	8	4	13	03	97	03	0	410	02	4	0	9	3	0	28	04
	Panjgur	000	0	3	00	00	98	02	1	432	97	0	0	9	3	0	48	98
Afghanistan	Kabul	000	0	0	00	00	99	00	0	463	82	0	0	9	0	0	57	89
	Kandahar																	

At 0300 Hrs. G.M.T. of date

STATIONS	Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level Pressure (mbs. and tenths)* PPP	Dry Bulb temperature TT	Amount of Lowest Cloud † Nh	Low Cloud Form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form† CH	Dewpoint temperature °F. TdTd	Minimum Temperature °F TnTn
2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
Cox's Bazar	047	9	8	16	07	95	61	6	052	79	7	4	6	2	1	78	76
Chittagong	150	9	8	13	05	97	21	6	054	78	6	4	4	2	1	76	77
Maijdee Court	630	9	8	16	05	96	51	6	054	78	5	5	5	2	1	77	76
Comilla	263	1	8	18	06	96	66	6	053	76	8	4	5	1	1	76	75
Brahmanbaria	100	3	8	13	02	95	63	6	060	78	8	5	5	1	1	77	77
Sylhet	003	6	8	09	02	96	61	6	063	79	3	5	5	2	1	78	76
Srimangal	010	3	8	00	00	96	60	6	066	77	7	4	5	2	1	75	75
Mymensingh	043	9	8	13	02	97	02	6	058	78	8	6	4	1	1	77	74
Narayanganj	489	9	8	09	05	95	43	6	045	77	8	7	3	1	1	75	76
Dacca (Tezgaon)	490	9	8	13	10	96	61	6	039	76	7	7	2	2	1	76	76
Faridpur	367	9	8	16	02	95	81	6	032	77	8	7	5	0	0	75	74
Barisal	676	8	8	09	02	96	63	6	034	78	8	0	7	6	0	75	76
Khulna	203	9	8	00	00	95	02	6	022	78	8	5	5	1	1	78	77
Satkhira	259	0	8	00	00	95	03	2	013	80	1	1	7	1	1	79	88
Jessore	208	9	8	33	05	56	03	6	018	78	8	7	5	1	1	78	76
Sirajganj	285	3	8	09	05	97	60	6	033	77	8	7	4	0	0	75	76
Bogra	100	9	8	09	07	96	20	6	041	79	7	4	7	2	9	75	76
Dinajpur	000	3	7	09	02	96	02	2	035	75	7	4	7	1	1	74	76
Rangpur	000	0	7	09	05	96	03	2	111	80	7	6	6	1	1	74	75
Jammu																	
Lahore (Jail Rd.)	038	9	1	00	00	96	01	1	022	87	1	0	9	3	1	77	79
Sialkot	000	0	0	00	00	98	00	0	024	83	0	0	9	0	0	77	81
Jhelum	001	6	7	00	00	97	02	6	030	84	1	2	6	7	0	79	80
Rawalpindi	003	0	2	09	02	99	03	1	008	83	2	2	7	8	0	77	75
Khushab	000	0	0	09	02	99	00	1	018	86	0	8	9	0	0	78	80
Lyallpur	000	0	6	00	00	96	02	0	015	84	0	4	9	0	4	78	80
Montgomery	000	0	0	00	00	96	00	0	015	87	0	0	9	0	0	79	81
Multan	000	0	0	00	00	98	02	0	009	87	0	0	9	0	0	79	84
Leiah	000	0	0	00	00	96	04	0	116	86	0	0	9	0	0	77	82
Khanpur	000	0	0	16	02	96	03	0	006	77	0	9	9	0	0	77	81
Bahawalpur	000	0	0	23	02	97	00	0	10[illegible]	85	0	0	9	0	0	80	82
Fort Abbas	000	0	0	20	02	98	00	0	010	85	0	0	9	0	0	74	06
Chakdara	000	0	8	00	00	97	03	2	016	78	0	0	8	6	x	74	76
Peshawar	000	0	6	31	03	97	02	1	015	81	1	1	5	2	0	77	79
Haripur	000	8	3	05	02	97	01	0	998	75	0	0	9	6	0	71	73
Campbellpur	000	0	2	16	03	98	00	0	036	83	0	0	9	0	4	76	83
Bannu	030	0	0	00	00	99	00	0	002	85	0	0	9	0	0	74	80
D. I. Khan	000	0	0	00	00	98	00	0	009	90	0	0	9	0	0	79	81
Sibi	000	3	7	00	00	97	02	2	019	84	5	8	5	0	2	75	83
Nokkundi	000	2	6	11	02	98	03	0	983	84	0	0	9	3	0	33	77
Turbat	000	0	3	23	02	95	03	0	017	84	0	0	9	0	0	75	xx
Jiwani	000	0	7	13	02	96	03	2	010	84	4	6	4	3	0	75	81
Pasni	000	0	8	20	02	97	00	0	011	82	8	0	9	2	0	79	79
Ormara	000	0	8	27	05	98	02	1	997	83	8	4	4	0	0	80	80
Las Bela	...	...	...	...	...	...	...		...		...	...		...	...		...
Karachi (Manora)	313	9	7	00	00	96	03	9	003	83	0	0	9	8	0	77	77
Karachi (Air Port)	078	9	7	00	00	97	02	9	003	82	1	5	5	3	0	77	70
Badin	000	2	9	23	02	95	42	2	026	69	0	9	7	0	0	78	78
Nagarparker	040	0	8	23	02	95	02	6	992	80	8	7	7	0	0	67	77
Umarkot	067	0	8	09	02	98	00	0	004	78	8	5	6	0	0	77	76
Hyderabad	106	9	5	00	00	97	01	2	003	79	3	6	5	2	0	77	75
Pad-i-dan	118	9	6	09	03	97	03	6	014	80	6	6	4	0	0	77	76
Nawabshah	090	9	5	01	32	96	01	5	017	81	5	1	5	0	0	77	77
Sukkur	124	9	3	00	00	96	03	6	010	82	3	0	9	9	0	79	77
Kashmore	000	0	3	00	00	99	00	0	013	87	3	1	8	0	0	79	82
Jacobabad	003	9	2	00	00	96	02	2	015	85	0	0	9	0	9	78	81
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	000	2	7	31	02	95	02	4	456	62	5	5	2	8	0	61	61
Droah	000	0	2	00	00	97	01	0	446	78	2	2	6	0	0	63	77
Cherat	000	0	2	23	03	97	01	1	445	74	0	0	9	5	0	70	70
Kakul	002	9	7	00	00	97	02	2	455	73	7	8	6	0	0	70	68
Landi Kotal	000	0	7	05	02	98	02	2	437	76	7	6	5	0	0	72	xx
Parachinar	000	0	1	00	00	99	00	0	797	67	0	0	9	0	0	63	xx
Miranshah	000	0	0	00	00	99	00	2	428	78	0	0	9	0	0	71	75
Wana	000	0	3	00	00	97	01	2	433	73	3	2	8	0	0	66	70
Fort Sandeman	000	0	2	05	03	98	01	0	446	77	2	0	9	0	3	69	74
Hindubagh	000	0	0	27	01	98	00	0	419	71	0	0	9	0	0	57	70
Loralai	000	0	7	00	00	97	03	1	424	72	4	3	6	0	2	67	65
Harnai	110	0	0	09	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	000	9	3	16	03	97	02	2	435	73	0	0	8	3	0	61	65
Chaman	000	0	0	09	03	98	02	0	436	81	0	0	9	0	0	52	71
Kalat	003	0	0	00	00	98	02	0	450	66	0	0	9	0	0	58	57
Nushki	000	0	0	13	05	98	02	0	467	86	0	0	9	0	0	51	81
Dalbandin	000	9	8	13	02	97	03	2	428	88	2	5	7	7	x	48	82
Panjgur	000	0	0	23	02	98	20	5	436	76	8	6	5	0	0	72	73
Kabul	000	0	0	18	00	99	00	0	494	79	0	0	9	0	0	53	72
Kandahar																	

STATIONS	Departure from Normal of Maximum Temperature TxTx	Departure from Normal of Minimum Temperature TnTn	Rainfall Since 1st June 1959 to date	Rainfall Departure from normal	Rainfall Since 1st January 1959 to date	Annual normal
2	37	38	39	40	41	42
Cox's Bazar	— 1	0	106.6	+ 4.8	122.4	140
Chittagong	— 4	0	83.0	+11.9	115.0	108
Maijdee Court	— 5	— 2	91.5	+15.7	23.4	115
Comilla	— 5	— 2	57.7	— 0.1	83.6	94
Brahmanbaria	—	—	39.7	— 3.1	65.6	76
Sylhet		—	120.5	—	158.5	—
Srimangal	— 8	0	59.8	+ 7.1	71.7	98
Mymensingh	— 8	— 4	63.9	+ 8.3	86.0	91
Narayanganj	— 10	— 3	51.3	+ 8.3	72.6	74
Dacca (Tezgaon)	—	—	52.5		67.9	—
Faridpur	— 8	— 5	53.1	+11.2	81.5	71
Barisal	— 8	— 3	86.7	+36.2	101.5	81
Khulna	— 10	0	55.1	+31.1	76.0	68
Satkhira	— 1	+ 11	43.5	+ 2.9	61.6	65
Jessore	—	—	53.5	+ 3.5	93.7	65
Sirajganj	—	— 2	53.7	+14.1	78.5	64
Bogra	— 11	— 2	51.4	+ 7.9	70.5	69
Dinajpur	— 1	— 2	29.1	—19.1	46.5	72
Rangpur	— 4	— 2	48.0	— 5.9	67.9	84
Jammu						—
Lahore (Jail Rd.)	— 5	+ 5	21.4	+ 7.6	25.2	19
Sialkot	x	+ 6	44.9	+23.0	50.2	32
Jhelum	—		34.7	—	45.0	—
Rawalpindi	— 5	+ 5	33.0	+11.3	46.1	36
Khushab	— 7	+ 2	14.1	+ 4.5	19.5	15
Lyallpur	— 3	+ 4	14.0	+ 5.3	16.8	12
Montgomery	— 2	+ 4	6.1	— 0.5	8.4	10
Multan	— 1	+ 5	5.8	+ 1.2	7.9	7
Leiah	—		4.6	—	6.5	8
Khanpur	— 2	+ 6	0.3	— 4.4	1.2	6
Bahawalpur	— 5	+ 8	5.6	+ 1.2	6.4	6
Fort Abbas	—	—	7.7	—	8.1	4
Chakdara	—	—	8.1	—	23.7	—
Peshawar	— 3	+ 5	6.2	+ 2.3	20.2	14
Haripur	—	—	16.9	—	27.8	—
Campbellpur	—	—	18.0		32.0	—
Bannu	—	—	10.9	—	17.8	11
D. I. Khan	— 3	+ 4	10.1	+ 5.0	13.9	10
Sibi	—	—	3.2	—	4.0	5
Nokkundi	—	—	0	—	1.1	2
Turbat	—	—	2.3	—	6.7	—
Jiwani	—	—	0.1	—	5.7	4
Pasni	+ 2	+ 6	0.1	— 0.8	2.6	6
Ormara	—	—	0.2	— 0.6	2.1	6
Las Bela						8
Karachi (Manora)	— 2	0	14.3	+ 0.5	14.3	8
Karachi (Air Port)	— 1	—	17.8	—	18.1	—
Badin	— 3	+ 2	8.4	+ 0.3	8.4	9
Nagarparker	—	—	13.9	—	13.9	—
Umarkot	—	—	17.3	—	18.0	—
Hyderabad	— 15	— 2	13.9	+ 8.2	14.6	7
Pad-i-dan	—	—	7.2	—	7.5	—
Nawabshah	—	—	6.2	—	6.9	—
Sukkur	—	—	3.5	—	4.5	4
Kashmore	—	—	2.0	—	2.1	—
Jacobabad	— 6	+ 3	3.8	+ 1.6	4.5	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
HILL STATIONS						
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						26
Leh						3
Skardu						6
Misgar						—
Aliabad						—
Gilgit						5
Murree	— 4	+ 6	45.1	+12.2	70.3	59
Droah	+ 9	+ 12	1.3	—	30.4	18
Cherat	— 5	+ 4	16.0	+ 4.8	26.1	29
Kakul	—	—	46.1	—	50.9	—
Landi Kotal	—	—	2.5	—	17.5	—
Parachinar	—	—	12.0	—	25.8	29
Miranshah	—	—	2.7	— 1.5	5.7	13
Wana	—	—	4.8	—	13.8	—
Fort Sandeman	— 3	+ 7	5.9	+ 1.1	14.7	11
Hindubagh	—	—	4.5	—	12.5	—
Loralai	—	—	7.0		12.8	—
Harnai	—	—	9.5	+ 2.4	13.8	14
Quetta	—	—	4.4	—	10.0	8
Chaman	—	+ 7	0.1	0	6.2	7
Kalat	+ 3	+ 8	4.3	+ 3.2	9.0	9
Nushki	—	—	0.9	—	2.7	—
Dalbandin	+ 3	+ 18	0.2	— 0.1	2.2	5
Panjgur	+ 2	+ 6	1.5	—	3.1	4
Kabul	—	—	—	—	—	12
Kandahar						—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day.

Whenever 999 is given for RRR see the summary above for the actual amounts of rain

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTdTd											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong	00 00	Missda	...	...	...	...	...	...	...	...	...	...	...	...
Dacca														
Jiwani	00 00	996 262 252	513 xxx xxx	...	390 185 999	...	041 082 999	304 038 999	765 535 999	500 629 999	961 775	243 975	...	...
Karachi	00 00	Missda	...	...	...	...	...	...	...	...	...	...	...	...
Lahore														
Multan	00 00	960 275 255	..	...	390 208 208	...	079 118 118	355 042 042	824 515 668	565 618 999	768 999	...	...	...
Peshawar														
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd							Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE SI. HHHH TT	SI. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong	00 00	Misda	...	...	...	...	...	...	...	...	..	...	..
Dacca													
Jiwani	00 00		...	...	...	...	...	...	...	...	200 975 999	...	...
Karachi	00 00	Misda	...	..	...	...	...	...	...	...	...	...	...
Lahore													
Multan	00 00	800 182 182	350 692 999	..	...	...	...	...	...	...	350 692 999	...	...
Peshawar													
Quetta													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of ° C.)
Se:=Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in Kms. a.s.l.	At 1200 hrs. G.M.T. † of Previous day (dd ff)										At 0000 hrs. G.M.T. † of date (dd ff)						At 600 hrs. G.M.T. † of date (dd ff)										
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0		0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	12 27	13 40	...	...	...	...	...	...	...		No	Ascent	...	...	...	...	12 13	...	...	...	...	...	...	...	...	...	...
Chaklala	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor	23 15	21 15	18 10	12 10	12 15	11 17	...	...	...		11 05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong	16 18	16 29	17 32	...	...	...	...	...	...		15 24	16 23	16 25	...	...	...	16 15	16 27	17 27	17 28	...	16 31	...	...	...	...	...
Cox's Bazar	17 29	18 29	18 29	19 32	...	...	...	...	...		17 24	17 28	17 28	...	...	...	17 27	18 22	18 26	18 26	...	...	...	...	...	...	...
Dacca	No	Ascent	...	...	...	...	...	...	...		No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Dalbandin	...	...	22 07	25 18	27 16	04 02	11 10	17 05	...		...	...	20 09	25 09	30 06	04 06	...	...	19 06	18 08	06 03	07 07	08 09	07 18	10 30	12 25	14 19
D. I. Khan	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	19 08	23 36	...	...	...	...	...		...	...	...	...	22 01	21 01	07 01	...	...	...	22 07	25 03	15 05	10 05	35 05	24 08	...
Fort Sandeman	...	...	02 09	04 05	05 03	04 09	08 08	08 15	...		...	...	30 01	00 00	06 11	...	...	...	27 01	...	05 04	09 09	09 10	07 01	12 16	...	...
Jacobabad	28 10	36 08	06 09	08 21	18 17	05 17	...	...	...		36 11	05 11	07 12	08 11	08 12	08 15	16 01	09 05	08 07	08 12	08 10	10 14	10 13	10 12	...	...	...
Jessore	No	Ascent	...	...	...	...	...	...	...		No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Jiwani	14 03	18 04	21 04	32 04	01 03	...	...	...	...		11 06	00 05	19 06	27 07	30 09	28 07	19 02	27 02	28 03	33 09	05 15	07 16	...	...	...	...	...
Kharan	19 08	25 05	28 05	33 05	33 09	34 07	30 03	32 06	31 03		...	...	...	...	...	...	17 04	15 04	13 07	07 05	...	...	...	...	...	...	...
Karachi	No	Ascent	...	...	...	...	...	...	...		...	...	06 12	06 18	05 18	04 15	07 08	06 12	06 15	...	06 15	...	...	...	...	...	...
Khanpur	05 09	06 11	06 14	07 15	07 16	08 19	...	...	...		21 04	18 03	15 05	13 07	13 13	...	21 01	09 02	10 04	11 07	11 09	13 13	11 13	09 11	09 12	08 14	...
Lahore	04 42	02 42	28 02	26 02	24 02	31 02	07 13	03 18	04 17		15 07	20 05	17 02	30 03	30 06	01 06	31 01	01 02	26 01	31 03	35 04	03 06	04 07	...	...	...	...
Multan	10 02	09 03	09 04	07 04	07 05	06 08	...	...	...		15 15	16 07	14 05	06 02	07 03	07 08	20 02	15 02	14 02	11 03	13 06	11 07	08 09	10 11	06 20	05 15	...
Muscat	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	21 07	31 04	06 08	04 06	...		...	...	...	...	11 04	03 12	...	36 06	01 03	34 03	28 04	31 07	02 01	05 08	15 04	11 13	11 15
Sharjah	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	18 05	05 09	09 10	12 09	12 15	...	...
Sylhet	25 04	17 03	17 13	17 09	...	...	...	...	...		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	10.8	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Missda																	
Karachi	28 17	06 19	05 20	05 19	04 18	07 26	07 27	09 23	13 29	13 29	12 29	12 35	14 22	05 00	05 10	...	...	...
Peshawar	...	33 11	04 03	22 11	23 10	07 05	32 05	02 08	04 10	03 04	09 13	05 15	02 08	00 15	35 17	...	...	...
Quetta	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

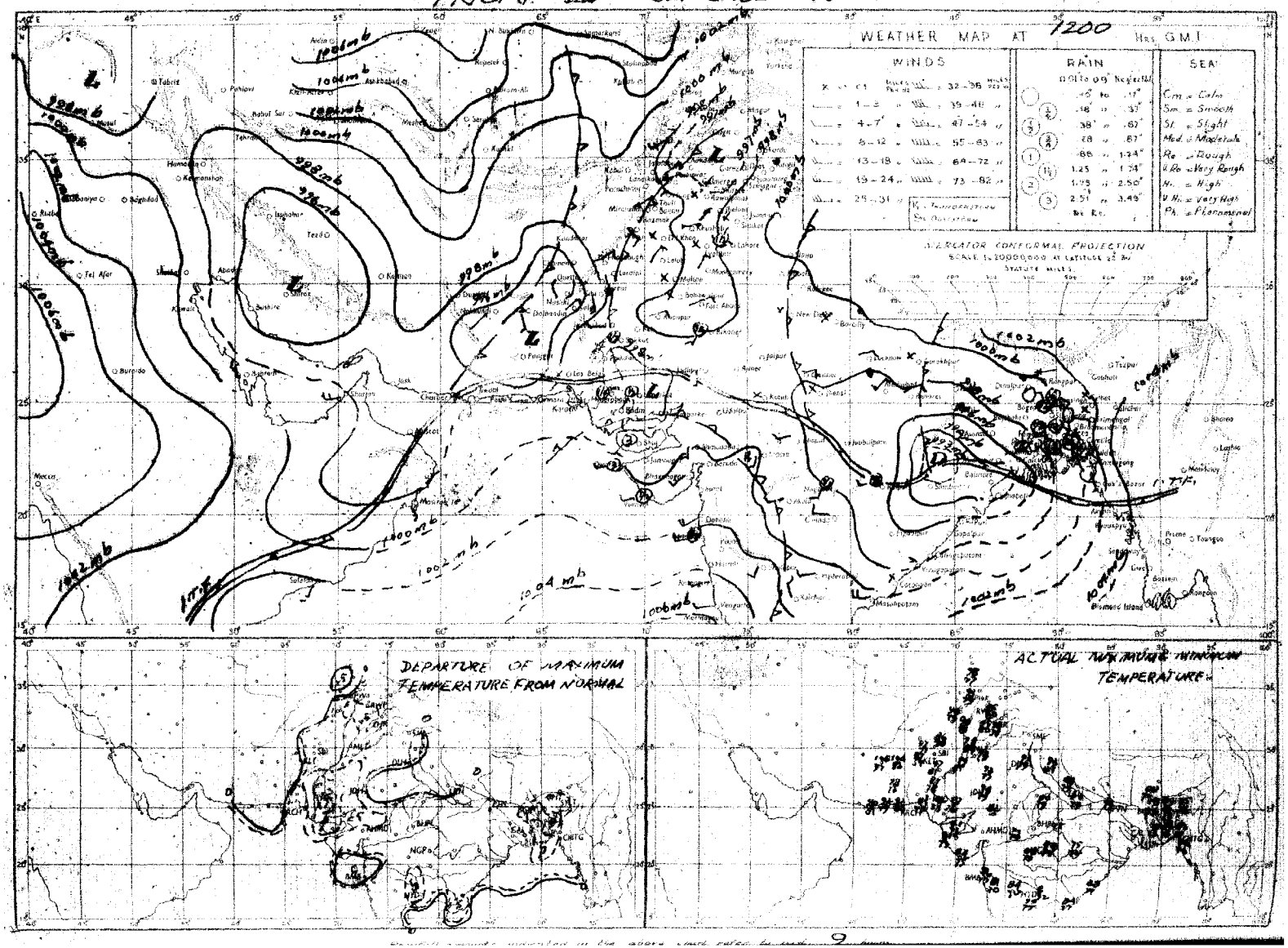
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii 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 Control Air Port, KARACHI—11.

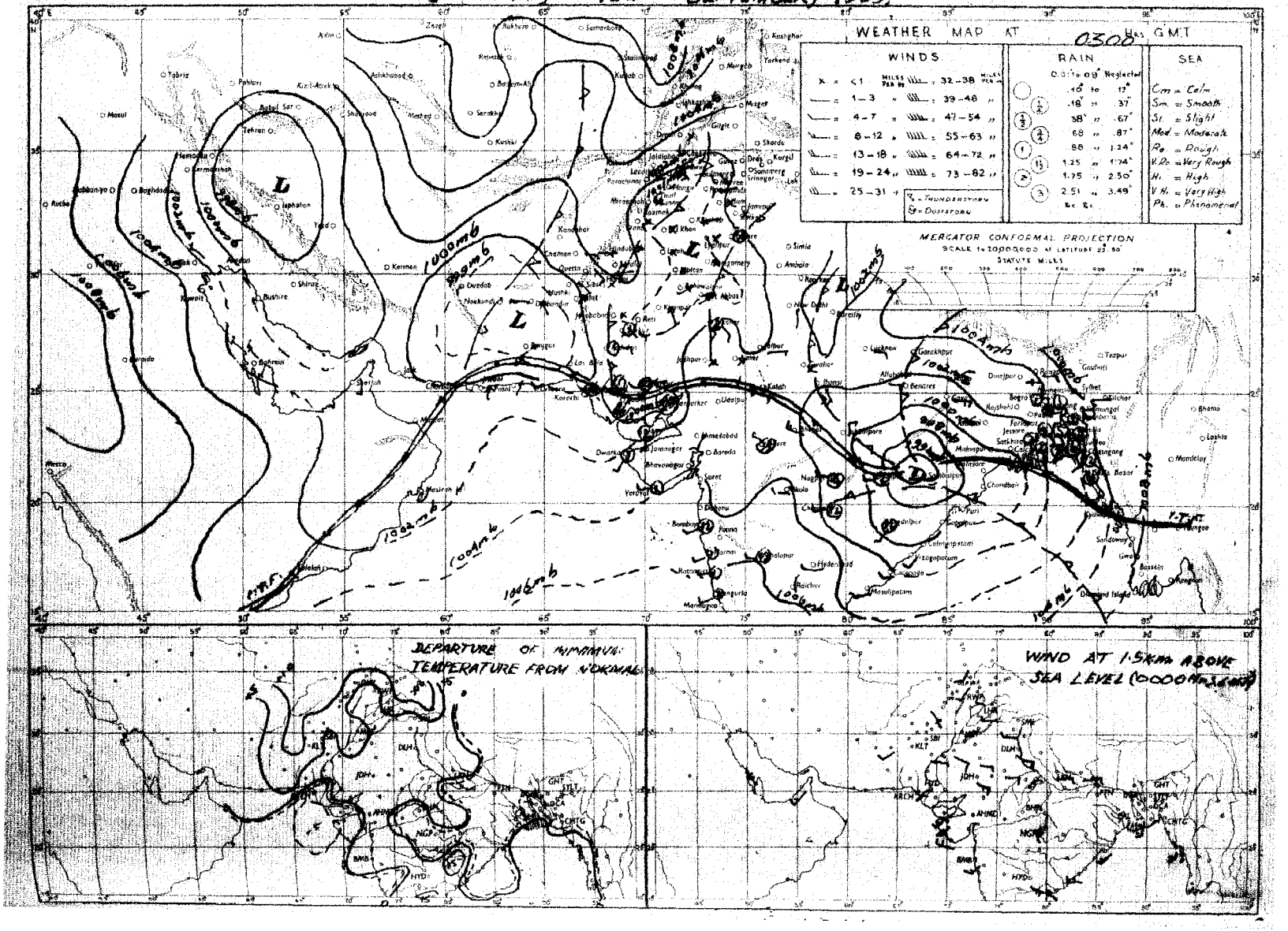
PAKISTAN DAILY WEATHER MAP

FRIDAY 11th SEPTEMBER 1959.



PAKISTAN DAILY WEATHER MAP

SATURDAY, 12th SEPTEMBER, 1959.



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SUNDAY THE 13th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's depression moved westwards and is centred at 13,0300 G.M.T. about 30 miles to the north of Raipur. It is likely to move in a northwesterly direction. Under its influence rainfall has been widespread in Dacca and Chittagong divisions and fairly widespread in Rajshahi division.

The low over Hyderabad division now lies as a well-marked trough extending from Hyderabad division to eastern sector of north Arabian Sea.

The low pressure wave over Rawalpindi division is moving away across Kashmir.

They have caused local rain/thundershowers in Bahawalpur, south Kalat and Hyderabad divisions and the Federal Capital Area and scattered in Quetta division.

A fresh low pressure wave lies over Peshawar division and adjoining areas.

Chief amounts of rain fall are:- Sirajganj 4"; Brahmanbaria and Barisal 3" each; Faridpur 2"; Comilla and Dacca 1½" each; Narayanganj and Jessore 1" each; Majidee Court and Satkhira 3/4" each; Mymensingh, Khulna, Bogra, Panjgur, Ormara and Karachi (Manora) ½" each and Cox's Bazar, Srimangal, Fort Abbas, Karachi (Air Port) and Nagarparkar ¼" each.

Day temperatures were:- 6—10°F below normal in Bahawalpur, Khairpur, Hyderabad, Rajshahi and Dacca divisions and 3—5°F so in south Kalat and Chittagong divisions.

Forecast valid until the evening of 14th September, 1959. Fairly widespread rain/thundershowers with locally moderate to heavy falls will occur in East Pakistan, local in Lahore, Peshawar, Rawalpindi and Hyderabad divisions and in Kashmir and scattered in Kalat, Quetta, D. I. Khan and Khairpur divisions and the Federal Capital Area.

Heavy rain fall warning :- Locally moderate to heavy rainfall will continue in East Pakistan during the next 24 hours.

Karachi-11
The 13th September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	009	9	8	16	03	95	15	6	035	78	7	5	5	2	x	75	82
	Chittagong	093	5	8	xx	xx	97	02	6	038	80	4	2	5	2	x	76	83
	Majidee Court	050	3	8	13	09	96	51	6	029	78	6	5	5	2	x	77	79
	Comilla	012	1	8	18	03	95	50	6	031	78	8	4	5	x	x	77	79
	Brahmanbaria																	
	Sylhet	011	9	8	27	05	97	61	6	030	78	4	5	5	2	x	74	82
	Srimangal	017	3	8	00	00	97	03	6	027	78	8	4	4	x	x	77	80
Dacca	Mymensingh	009	6	8	13	01	97	02	6	024	78	8	6	4	x	x	77	79
	Narayanganj	079	9	8	16	05	95	03	6	011	78	5	7	3	2	x	72	79
	Dacca (Tezgaon)	091	9	8	13	09	97	21	6	009	77	4	9	4	3	x	76	78
	Faridpur	170	6	8	16	07	95	50	6	003	78	8	6	5	x	x	77	78
	Barisal	233	9	8	09	04	96	63	9	018	77	8	0	8	6	x	77	79
Rajshahi	Khulna	000	0	8	00	00	96	02	2	005	78	8	8	6	x	x	77	80
	Satkhira	081	0	8	00	00	94	03	6	997	79	x	x	x	x	x	78	82
	Jessore	100	8	8	09	05	96	63	6	004	79	8	8	5	x	x	79	80
	Sirajganj	051	8	8	09	03	97	02	6	999	77	8	7	5	x	x	75	80
	Bogra	006	9	7	09	03	96	60	6	013	77	5	7	4	3	0	75	81
	Dinajpur	000	9	7	09	02	95	03	2	014	80	7	5	6	0	0	74	87
	Rangpur	000	0	4	13	05	96	01	2	xxx	81	1	5	6	4	0	74	85
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	5	1	27	02	96	01	5	986	94	1	1	7	8	0	75	96
	Sialkot	000	0	0	00	00	98	00	0	981	93	0	0	9	0	0	79	95
Rawalpindi	Jhelum	000	3	2	00	00	97	02	0	978	92	1	1	7	3	0	82	96
	Rawalpindi	000	0	1	27	02	99	01	1	979	93	2	1	8	0	0	77	95
	Khushab	000	0	2	13	02	99	01	1	978	97	2	1	7	0	0	77	99
Multan	Lyallpur	000	0	5	00	00	96	02	0	988	95	5	0	9	4	0	74	96
	Montgomery	000	0	2	20	02	96	02	0	984	97	2	0	9	2	0	77	98
	Multan	000	0	2	23	05	98	01	0	987	93	1	1	6	3	0	79	00
Bahawalpur	Leiah	000	0	2	27	02	96	05	1	972	93	2	4	4	0	0	73	97
	Khanpur	000	0	4	09	02	95	05	0	973	94	4	8	4	0	0	78	01
	Bahawalpur	010	5	6	00	00	97	03	6	996	xx	0	0	9	0	5	81	90
	Fort Abbas	035	0	4	31	02	98	02	6	980	82	4	4	8	0	0	81	00
Peshawar	Chakdara	000	0	1	00	00	98	01	1	965	90	1	1	7	0	0	75	91
	Peshawar	000	0	1	02	03	98	02	1	966	94	1	1	6	0	0	76	95
	Haripur	000	6	5	31	02	97	03	1	970	88	5	1	6	0	0	74	91
	Campbellpur	000	0	2	18	03	96	01	0	989	95	2	0	9	5	0	76	95
D. I. Khan	Bannu	000	0	2	13	01	99	03	0	959	96	2	1	6	0	0	69	97
	D. I. Khan	000	6	0	00	00	98	00	0	968	97	0	0	9	0	0	83	00
Quetta	Sibi	000	9	5	13	02	97	03	1	977	03	2	8	5	0	2	69	05
Kalat	Nokkundi	000	0	0	25	02	98	00	0	930	05	0	0	9	0	0	41	07
	Turbat	001	1	8	13	03	96	02	5	990	82	8	0	9	8	x	80	96
	Jiwani	000	0	7	13	09	96	02	2	006	85	7	6	4	0	0	75	88
	Pasni	001	3	8	31	02	97	02	5	001	81	8	0	9	2	x	80	86
	Ormara	012	5	8	27	05	98	03	6	993	82	8	2	4	x	x	81	83
	Las Bela	000	0	3	00	00	96	30	3	998	86	2	6	8	6	6	76	89
Karachi Federal Area / Hyderabad	Karachi (Manora)	048	4	6	25	10	96	03	9	986	84	6	0	9	7	0	80	85
	Karachi (Air Port)	013	2	7	27	07	96	60	6	984	81	7	6	5	0	0	79	90
	Badin	000	0	0	23	02	97	00	0	982	87	0	0	9	0	0	81	89
	Nagarparkar	000	0	4	00	00	97	02	1	999	87	4	6	7	0	0	58	89
	Umarkot	009	4	4	00	00	98	02	6	986	84	4	4	6	0	0	78	87
	Hyderabad	000	0	4	00	00	97	01	2	989	87	2	6	5	0	1	77	90
Khairpur	Pad-i-dan	000	8	2	09	05	98	83	1	988	92	2	2	6	0	0	74	93
	Nawabshah	000	0	3	05	02	99	01	2	993	89	3	2	6	0	0	78	90
	Sukkur	000	8	4	11	02	96	03	1	982	93	4	0	9	8	0	76	97
	Kashmore	000	0	3	00	00	99	02	0	978	97	3	1	8	0	0	74	94
	Jacobabad	000	0	5	13	02	97	02	1	985	95	5	4	6	0	0	78	97
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	5	8	05	02	95		4	440	66	8	5	2	x	x	65	67
Peshawar	Drosh	000	0	0	23	10	98	03	0	380	95	0	0	9	0	0	55	98
	Cherat	000	0	1	18	03	96	02	0	436	82	1	2	6	0	0	77	82
	Kakul	000	8	4	13	05	97	05	1	432	81	4	2	7	0	0	70	83
	Landi Kotal	000	0	1	05	03	99	03	1	416	88	1	1	7	0	0	74	90
D. I. Khan	Parachinar	000	0	3	13	02	99	01	0	796	81	0	0	9	0	1	63	xx
	Miranshah	000	0	0	00	02	99	02	0	430	92	0	0	9	0	0	64	94
	Wana	000	0	2	09	03	99	00	0	434	86	2	0	9	2	0	63	90
	Fort Sandeman	000	0	4	18	00	98	02	0	426	93	4	1	7	0	0	64	95
Quetta	Hindubagh	000	3	2	09	03	98	03	0	391	88	0	0	9	0	2	51	88
	Loralai	000	0	5	09	07	97	03	2	421	84	2	2	7	2	0	65	88
	Harnai	000	0	6	27	02	95	01	1	xxx	xx	0	0	9	0	3	xx	xx
	Quetta	011	6	5	09	02	97	50	9	410	78	5	3	6	0	0	73	89
	Chaman	000	3	0	27	02	98	29	0	408	98	0	0	9	0	0	63	99
Kalat	Kalat	000	0	2	09	09	98	02	0	427	77	2	2	7	0	0	62	85
	Nushki	000	0	4	00	00	98	02	0	475	97	4	8	6	0	0	59	03
	Dalbandin	000	8	5	05	07	97	03	1	406	82	1	4	7	4	0	44	04
	Panjgur	000	0	0	23	03	98	21	1	430	88	8	6	8	x	x	58	93
Afghanistan	Kabul	000	0	0	18	00	99	00	0	474	82	0	0	0	0	0	56	90
	Kandahar																	

At 0300 Hrs. G.M.T. of date

Divisions	Stations	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Cox's Bazar	034	9	8	16	01	94	62	6	069	75	7	5	5	3	1	73	74
	Chittagong	015	3	8	00	00	97	21	6	066	78	6	4	5	6	1	77	76
	Majidee Court	085	6	8	00	00	95	51	6	054	78	7	5	5	2	x	77	76
	Comilla	168	1	8	00	00	97	66	6	061	76	8	4	5	1	1	76	75
	Brahmanbaria	272	3	8	13	02	95	62	6	087	77	8	7	3	1	1	75	76
	Sylhet	015	9	8	00	00	96	02	6	063	81	3	5	5	2	1	77	76
	Srimangal	037	9	8	00	00	96	40	6	071	77	6	3	4	2	1	75	76
Dacca	Mymensingh	050	7	8	13	02	95	60	6	064	77	8	6	3	1	1	77	74
	Narayanganj	094	9	8	11	03	98	60	6	054	78	8	7	3	1	1	76	76
	Dacca (Tezgaon)	138	9	8	13	07	97	61	6	050	78	7	9	3	2	x	77	75
	Faridpur	254	9	8	00	00	95	00	6	043	78	8	7	5	0	0	77	74
	Barisal	266	0	6	13	03	97	03	2	045	81	6	0	8	4	0	78	71
Rajshahi	Khulna	064	2	6	18	03	96	01	6	046	80	6	5	6	0	0	79	77
	Satkhira	000	0	7	00	00	96	00	1	014	81	4	5	8	6	0	80	77
	Jessore	114	9	8	13	05	56	03	6	040	80	8	7	5	1	1	79	77
	Sirajganj	365	3	6	09	03	97	69	6	032	77	8	7	4	0	0	75	75
	Bogra	052	4	8	09	03	96	61	6	050	77	6	7	4	2	1	76	76
	Dinajpur	000	3	7	.0	00	96	03	2	047	80	7	4	7	0	0	74	78
	Rangpur	000	0	7	03	05	96	03	2	xxx	80	x	x	x	x	x	75	79
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	6	00	00	96	02	1	025	84	5	0	9	7	4	80	81
	Sialkot	000	3	8	00	00	96	02	5	027	78	8	5	6	7	8	77	78
Rawalpindi	Jhelum	000	2	5	18	02	97	01	2	013	87	4	4	7	1	0	80	82
	Rawalpindi	000	0	0	00	00	99	00	0	016	86	0	0	9	0	0	78	76
	Khushab	000	0	0	00	00	97	00	0	006	87	0	0	9	0	0	79	82
Multan	Lyallpur	000	0	0	00	00	96	00	0	004	84	0	0	9	0	0	79	93
	Montgomery	000	0	0	13	02	96	00	0	016	85	0	0	9	0	0	78	81
	Multan	000	0	0	23	02	97	02	0	009	86	0	0	9	0	0	81	83
Bahawalpur	Leiah	000	0	3	13	03	96	05	1	004	87	3	4	8	0	0	78	80
	Khanpur	000	0	0	20	05	96	02	0	020	85	0	0	9	0	0	78	82
	Bahawalpur	010	0	0	18	02	97	00	0	023	85	0	0	9	0	0	76	81
	Fort Abbas	035	0	0	25	05	98	00	0	015	88	0	0	9	0	0	78	85
Peshawar	Chakdara	000	0	0	00	00	97	02	0	015	79	0	0	9	0	0	73	76
	Peshawar	000	0	2	36	03	97	02	0	010	84	1	1	4	3	0	78	80
	Haripur																	
	Campbellpur	000	0	0	18	02	98	00	0	024	86	0	0	9	0	0	76	85
D. I. Khan	Bannu	000	0	0	00	00	97	00	0	001	87	0	0	9	0	0	74	80
	D. I. Khan	000	0	0	00	00	98	00	0	007	88	0	0	9	0	0	78	80
Quetta	Sibi	000	0	0	00	00	98	00	0	017	87	0	0	9	0	0	76	84
Kalat	Nokkundi	000	0	0	07	02	98	02	0	997	87	0	0	9	0	0	62	85
	Turbat	001	0	0	18	02	95	00	0	013	82	0	0	9	0	0	76	xx
	Jiwani	004	5	7	00	00	96	02	5	024	82	5	5	5	4	0	75	79
	Pasni	010	0	0	07	03	97	00	0	020	80	6	5	7	0	0	77	77
	Ormara	044	0	0	27	02	98	02	1	015	80	6	2	5	0	0	79	76
	Las Bela	000	0	0	00	00	98	00	0	020	80	0	0	9	0	0	78	77
Karachi Federal Area / Hyderabad	Karachi (Manora)	048	9	6	00	00	97	03	9	018	79	6	0	9	8	0	74	77
	Karachi (Air Port)	028	9	8	00	00	96	03	6	018	80	4	5	5	3	x	79	78
	Badin	000	0	0	23	02	96	00	0	022	81	0	0	9	0	0	80	77
	Nagarparkar	020	2	8	00	00	96	02	6	028	82	8	7	7	0	0	68	77
	Umarkot	009	0	3	18	03	98	00	0	023	79	3	5	6	0	0	78	77
	Hyderabad	000	0	8	13	03	97	02	2	025	80	5	6	5	2	0	77	79
Khairpur	Pad-i-dan	000	0	6	13	03	98	03	0	028	81	6	6	4	0	0	78	79
	Nawabshah	000	0	6	00	00	96	03	0	030	80	6	5	5	0	0	77	78
	Sukkur	000	9	3	00	00	96	01	1	023	85	0	0	9	0	3	78	80
	Kashmore	000	0	0	18	02	99	00	0	018	85	0	0	9	0	0	70	82
	Jacobabad	000	0	0	23	05	97	01	0	020	85	0	0	9	0	0	78	84
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	2	6	29	05	86	02	4	462	64	6	5	2	0	0	63	60
Peshawar	Drosh	000	0	4	00	00	97	03	0	446	79	3	2	6	3	0	64	77
	Cherat	000	0	0	23	01	98	00	0	446	74	0	0	9	0	0	69	71
	Kakul	000	9	3	18	03	99	01	1	456	76	3	9	7	0	0	69	71
	Landi Kotal	000	0	5	00	00	98	03	0	440	80	2	6	5	3	0	71	xx
D. I. Khan	Parachinar	009	0	0	27	01	99	00	0	797	69	0	0	9	0	0	62	xx
	Miranshah	000	0	0	00	00	99	00	0	441	83	0	0	9	0	0	67	77
	Wana																	
	Fort Sandeman	000	0	0	00	00	98	02	0	466	78	0	0	9	0	0	68	75
Quetta	Hindubagh	000	0	0	31	02	98	00	0	436	71	0	0	9	0	0	57	70
	Loralai	090	0	2	00	00	98	01	1	426	73	0	0	8	2	0	65	66
	Harnai	000	5	6	09	01	97	86	7	xxx	xx	0	9	5	0	0	xx	xx
	Quetta	000	0	0	18	03	96	00	0	439	74	0	0	9	0	0	62	66
	Chaman	000	0	0	09	01	98	02	0	446	80	0	0	9	0	0	59	77
Kalat	Kalat	000	0	0	00	00	98	02	0	467	70	0	0	9	0	0	59	58
	Nushki	000	2	1	00	00	98	03	0	467	86	1	0	6	0	0	65	81
	Dalbandin	0?0	9	2	23	03	97	03	1	439	83	2	0	9	3	0	50	81
	Panjgur	061	2	2	00	00	98	03	6	446	73	0	0	9	2	0	70	71
Afghanistan	Kabul	000	0	0	18	00	99	00	0	502	74	0	0	0	0	0	55	61
	Kandahar																	

Divisions	Stations	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	− 5	− 2	106.9	+ 4.9	130.8	140
	Chittagong	− 4	− 1	83.2	+11.8	115.2	108
	Majidee Court	− 7	− 2	926.1	+16.1	124.2	115
	Comilla	− 10	− 2	59.3	+ 2.2	85.2	94
	Brahmanbaria	−	−	42.4	− 0.7	68.4	76
	Sylhet	−	−	120.7	−	158.7	−
	Srimangal	− 11	+ 1	60.1	+ 7.1	72.1	98
Dacca	Mymensingh	− 9	− 4	64.4	+ 9.3	86.5	91
	Narayanganj	− 10	− 3	52.3	+ 8.9	73.5	74
	Dacca (Tezgaon)	−	−	53.9	−	69.3	−
	Faridpur	− 10	− 5	55.7	+18.5	84.0	71
	Barisal	− 9	− 8	89.3	+38.7	104.2	81
Rajshahi	Khulna	− 8	0	55.8	+11.5	76.4	68
	Satkhira	− 7	0	43.5	+02.2	61.6	65
	Jessore	−	−	44.7	+ 5.3	94.9	66
	Sirajganj	− 7	− 3	57.4	+17.4	82.2	64
	Bogra	− 8	− 2	58.0	+ 8.0	71.0	69
	Dinajpur	− 2	0	29.1	−19.3	46.5	73
	Rangpur	− 4	+ 1	48.0	− 6.4	67.9	84
Kashmir	Jammu						−
Lahore	Lahore (Jail Rd.)	− 2	+ 7	21.4	+ 7.6	25.2	19
	Sialkot	− 1	+ 3	44.9	+28.9	50.2	42
Rawalpindi	Jhelum	−	−	34.7	−	45.0	−
	Rawalpindi	+ 1	+ 6	33.0	+11.1	48.1	26
	Khushab	− 1	+ 4	14.1	+ 4.3	19.4	15
Multan	Lyallpur	− 2	+ 5	13.9	+ 5.2	16.8	12
	Montgomery	− 2	+ 4	6.1	− 0.6	8.5	10
	Multan	+ 1	+ 4	5.8	+ 1.3	7.9	7
Bahawalpur	Leiah	−	−	4.6	−	6.5	8
	Khanpur	0	+ 7	0.3	− 4.4	1.2	6
	Bahawalpur	− 10	+ 7	5.5	+ 0.7	4.5	6
	Fort Abbas	−	−	8.1	−	8.4	4
Peshawar	Chakdara	−	−	8.1	−	23.7	−
	Peshawar	− 1	+ 8	0.2	+ 2.2	20.2	14
	Haripur	−	−				−
	Campbellpur	−	−	18.0	−	32.0	−
D. I. Khan	Bannu	−	−	10.9	−	17.8	11
	D. I. Khan	− 1	+ 3	10.1	+ 5.0	13.9	10
Quetta	Sibi	−	−	3.2	−	4.0	5
Kalat	Nokkundi	−	−	0	−	1.1	2
	Turbat	−	−	2.3	−	6.7	−
	Jiwani	−	−	0.2	−	5.0	4
	Pasni	− 4	+ 4	0.2	− 0.7	2.7	6
	Ormara	−	−	0.6	− 0.2	2.6	6
	Las Bela	−	−	6.6	−	6.8	8
Karachi Federal Area / Hyderabad	Karachi (Manora)	0	0	14.8	+ 9.0	14.8	8
	Karachi (Air Port)	−	−	18.1	−	18.4	−
	Badin	−	+ 1	8.4	+ 1.3	8.4	9
	Nagarparkar	−	−	14.1	−	14.1	−
	Umarkot	−	−	17.4	−	18.1	−
	Hyderabad	− 7	+ 2	13.9	+ 8.2	14.6	7
Khairpur	Pad-i-dan	−	−	7.2	−	7.5	−
	Nawabshah	−	−	6.2	−	6.9	−
	Sukkur	−	−	3.5	−	4.5	4
	Kashmore	−	−	2.0	−	2.1	−
	Jacobabad	− 6	+ 6	3.8	+ 1.6	4.5	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						−
Arabia	Muscat						4
	Kuwait						−
	HILL STATIONS						
Kashmir	Srinagar						26
	Gulmarg						−
	Sonamarg						71
	Dras						26
	Leh						3
	Skardu						6
	Misgar						−
	Aliabad						−
	Gilgit						5
Rawalpindi	Murree	− 3	+ 5	45.1	+12.1	70.3	59
Peshawar	Drosh	+ 7	+12	1.3	−	30.4	18
	Cherat	− 3	+ 5	16.0	+ 4.7	26.1	29
	Kakul	−	−	46.2	−	50.7	−
	Landi Kotal	−	−	2.5	−	17.6	−
D. I. Khan	Parachinar	−	−	12.0	−	25.8	29
	Miranshah	−	−	2.7	− 1.6	5.7	13
	Wana	−	−				−
	Fort Sandeman	+ 1	+ 8	5.9	+ 1.0	14.7	11
Quetta	Hindubagh	−	−	4.5	−	12.5	−
	Loralai	−	−	7.0	−	12.8	−
	Harnai	−	−	9.5	+ 2.4	13.8	14
	Quetta	−	−	4.4	+ 3.4	10.0	8
	Chaman	+ 7	+ 13	0.2	0.0	4.2	7
Kalat	Kalat	+ 1	+ 9	4.3	+ 3.2	9.0	9
	Nushki	−	−	0.9	−	2.7	−
	Dalbandin	+ 3	+ 17	0.2	− 0.1	2.2	5
	Panjgur	− 3	+ 4	2.1	−	3	4
Afghanistan	Kabul	−	−	−	−	−	12
	Kandahar						−

Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day.

Whenever 990 is given for RRR see the summary above for the actual amount of rain.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 13th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_aL_aL_a$ GG	N dd ff	VV ... W	PPP TT	$N_hC_hhC_mC_L$	D_aV_a a PP	8 N_s C_h h_s	$O_aT_aT_aT_dT_d$	Id...d...PH...
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
City of Swansea	73 167	560 00	8 23 10	97 02 2	027 79	85 6 xx	25 80 0	...	0 01 76	1 25 53
Riyadhmaru	73 071	684 00	7 25 15	97 03 1	026 63	74 4 00	36 20 7	...	0 06 xx	1 25 23
Hereford	73 062	589 00	3 25 15	98 03 1	085 79	22 4 01	36 30 8	...	0 51 75	1 25 35
City of Swansea	73 174	565 06	0 23 15	97 02 1	036 81	00 9 00	11 10 0	...	0 08 71	1 23 23
Gorverdmen	73 109	623 18	3 23 15	97 02 1	108 79	21 5 60	24 21 2	...	0 32 75	1 23 21
Asterix	73 276	508 18	0 32 29	98 02 0	032 90	00 9 00	35 40 0	...	0 04 72	1 32 32

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	002 265 252	021 245 225	...	418 155 138	...	035 072 055	306 508 528						
Karachi	00 00	997 268 252	001 xxx xxx	...	410 188 168	..	087 132 085	366 082 532	897 508 598	586 632 732	972 762	...	...	...
Lahore	00 00	Missa	..	..	..	..	..	..	..	..	..	..	..	..
Multan														
Peshawar	23 00	959 282 265	..	...	400 235 172	...	082 138 062	377 082 588	858 000 999	612 600 999	...	...	...	...
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT TdTdTd									Max. Height Reached PPPTTT TaTaTa	TROPOPAUSE St. HHHH TT	St. HHHHTTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	900 178 162	800 122 108	612 002 525	...	...	...	...	...	...	612 002 525	...	..
Karachi	03 00	900 225 185	800 169 138	784 162 125	754 162 125	350 692 808	..	..	..	..	350 692 808	...	..
Lahore	00 00	Missa	..	..	..		...	..	..	..	...	..	..
Multan													
Peshawar	23 00	800 262 222	803 235 172	350 692 999	...	...	...	...	..	..	350 692 999	...	..
Quetta													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of ° C.)
N_s=Quantity of tropopause.

HHH, HHHH (heights) – Tens of geopotential metres.
TT—Dry Bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra																										
Chaklala	No	Ascent														No	Ascent									
Chhor	18 09	14 12	11 12	12 11	15 12					19 11	21 13	18 10	16 08	15 08	14 12	21 06	19 10	17 11								
Chittagong	18 19	18 27	18 22							No	Ascent					No	Ascent									
Cox's Bazar	17 15	18 19	18 20	19 19						19 13	22 10	22 12	20 15	19 10	..											
Dacca	15 21	15 31	15 29	15 25						No	Ascent					No	Ascent									
Dalbandin			05 03	04 12	05 12	05 09	06 15	07 21				21 07	19 01	31 09	02 08			26 01	23 07	26 06	03 16	08 21	11 17	09 14	10 12	11 14
D. I. Khan																										
Drosh				22 03	22 18	20 13	19 11	19 21	19 25				21 03	22 05	19 03				22 01	05 04	31 04	16 05	15 10	15 15	13 15	10 15
Fort Sandeman	14 03	12 07	08 08	22 03	35 01	36 03	01 10	06 03	13 12				10 02	23 02						02 06	21 07	03 03	33 07	01 08		
Jacobabad	No	Ascent								18 09	19 07	17 03	12 04	11 07	10 04	21 03	12 02	10 05	08 04	10 07	11 06	14 11	10 15			
Jessore	23 05	22 06	24 05	31 06	34 09	32 05	26 08	08 03		No	Ascent					No	Ascent									
Jhelum	17 13	16 06	15 07							12 03	24 09	25 15	32 09	32 13	33 05	12 05	27 04	29 07	30 12	33 07	01 05	16 04	13 07	12 07		
Kohat	28 13	09 11								14 02	09 09	26 02				28 05	30 05	30 07	31 09							
Karachi	12 03	15 02	16 02	16 10						04 06	04 07	06 08				14 10										
Khanpur	36 07	01 04	02 02	33 05	31 07	31 07	04 05	34 04	06 04	22 06	24 26	25 23	25 14	19 11	17 11											
Lahore	15 10	16 33	16 08	14 02	18 07	09 02	24 04	06 07	06 11	22 08	23 07	24 09	26 04	29 03	30 04	31 06	29 09	28 06	31 05	30 05	20 04	03 05	04 08	01 07	14 05	14 15
Multan										22 23	22 14	23 14	22 09	19 12	02 02	19 08	20 12	20 14	19 12	20 08	18 04	03 06	09 07	09 13	14 20	12 15
Mauripur																										
Mianwali																										
Miani																										
Multan																										
Muscat																										
Nagpur																										
Peshawar			05 07	09 07	17 10	22 08	31 13	34 06	35 06	31 09																
Quetta						21 04								28 04	25 10						14 04	03 07	09 14	12 15	12 10	11 14
Sharjah																										
Sylhet	No	Ascent																								
Veraval										10 09	08 05	16 04	17 08	17 11	17 08	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	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	15 21	16 23	18 23	18 24	19 26	20 25												
Karachi	02 04	05 08	05 09	08 12	09 11	41 15	10 21	10 20	08 16	07 07	14 10	09 05	...	...	...	...	...	...
Peshawar		32 11	01 03	24 07	18 0	33 03	31 08	30 04	30 02	24 04	16 13	20 09	25 15	31 23	...	...	...	...
Quetta																		

*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

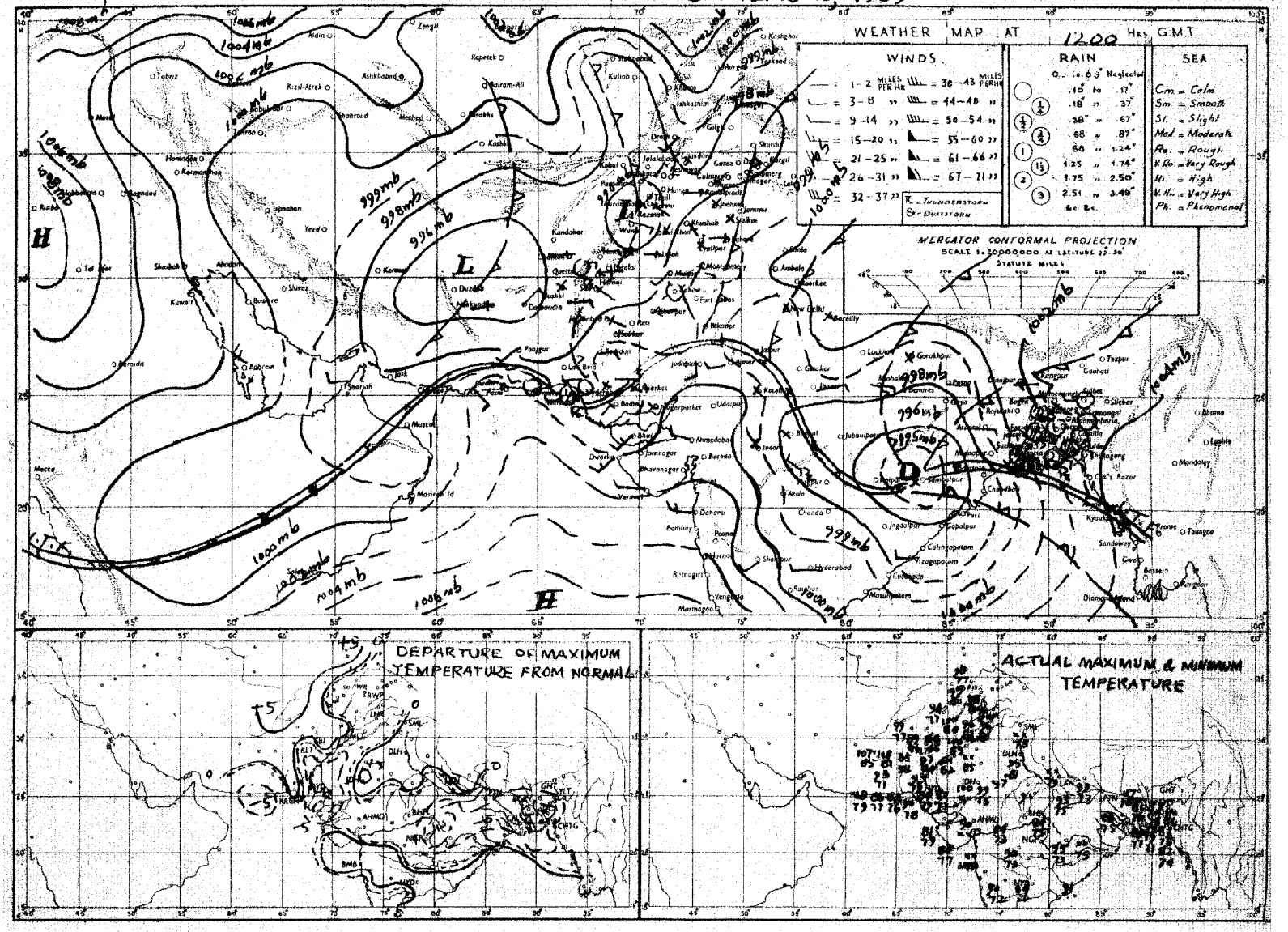
Cloud observation Data (GGiii Cdd V,V, etc.)

II 712 30 720

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

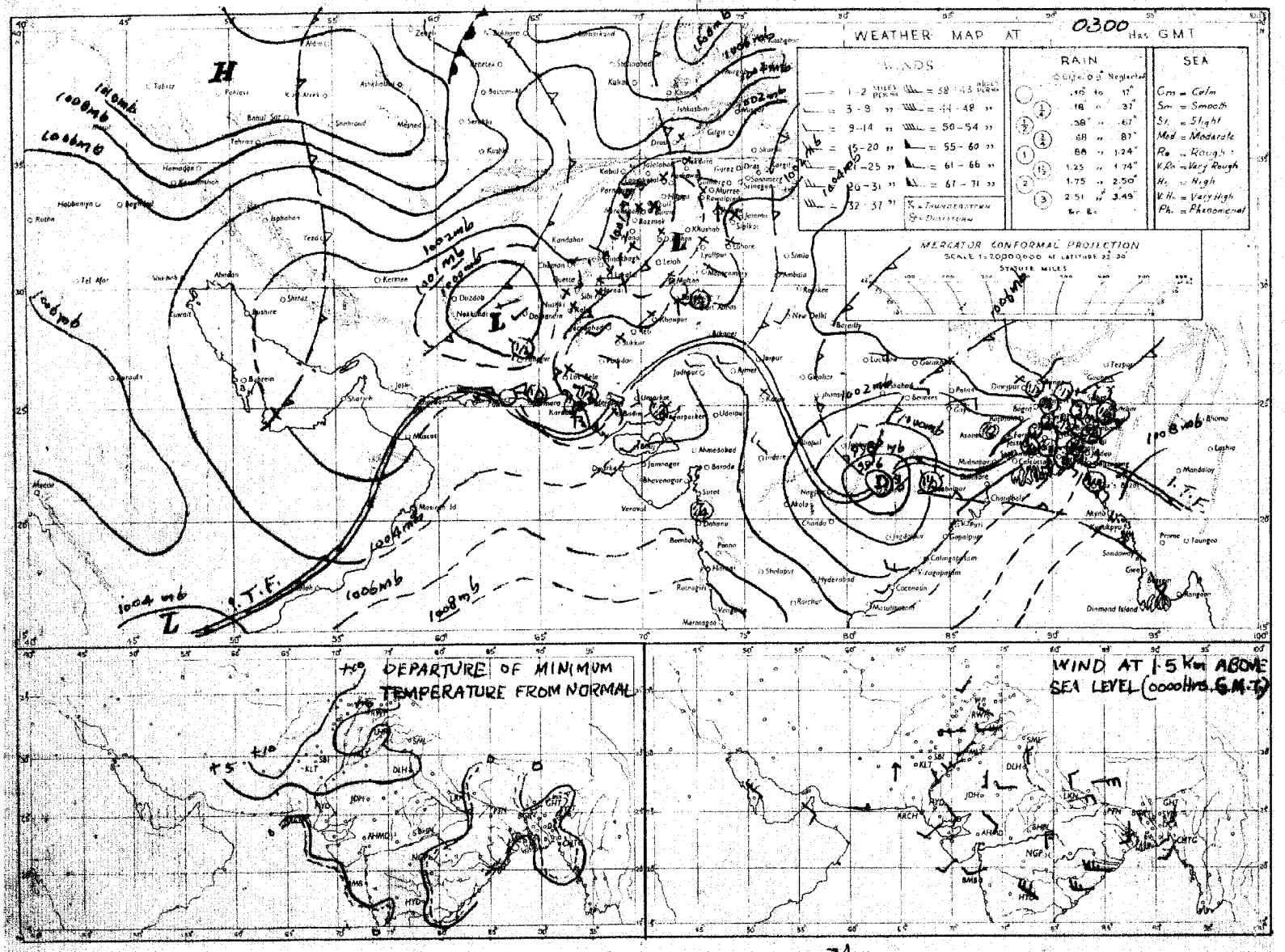
SATURDAY 12th SEPTEMBER 1959



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

SUNDAY 13th SEPTEMBER, 1959.



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. [illegible]

MONDAY THE 14th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's depression moved westwards and is centred at 14,0300 G.M.T. about 30 miles northwest of Nagpur as a deep depression. It is likely to continue move westwards. In its association rainfall has been fairly widespread in Chittagong and Dacca divisions and local in Rajshahi division.

The trough of low over Hyderabad division has become unimportant after causing local rain/thundershowers in Hyderabad division and the Federal Capital Area, scattered in Quetta and south Kalat divisions and scattered duststorm in north Kalat division.

Yesterday's low pressure wave is now moving across Rawalpindi division and Kashmir.

Chief amounts of rain fall are:- Chittagong 6"; Sylhet 2"; Maijidee Court 3/4": Mymensingh, Faridpur, Satkhira and Sirajganj ½" each and Brahmanbaria, Dacca, Khulna, Jessore and Hyderabad 1/4" each.

Day temperatures were:- 4—8°F below normal in Lahore, Khairpur, Hyderabad divisions and East Pakistan and 2—4°F above normal in Quetta and north Kalat divisions.

Forecast valid until the evening of 15th September, 1959 Fairly widespread rain/thundershowers will occur in East Pakistan, local in Hyderabad division and scattered in Peshawar, Rawalpindi, D. I. Khan, Lahore divisions and Kashmir.

Karachi-41
The 14th September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 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)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	017	9	8	16	02	95	02	6	041	78	7	4	6	2	6	77	xx
	Chittagong	058	8	8	xx	x.	97	61	5	044	78	8	4	4	x	x	77	81
	Maijdee Court	020	4	5	18	02	96	01	5	032	79	3	4	7	6	3	75	85
	Comilla	000	0	8	18	06	94	02	2	xxx	82	8	4	5	x	x	78	83
	Brahmanbaria	005	8	8	13	02	95	03	6	025	82	7	0	8	2	3	79	xx
	Sylhet	012	8	8	00	00	96	02	6	030	79	6	5	5	3	x	77	81
	Srimangal	003	8	7	09	00	96	03	6	033	80	6	3	5	4	x	77	81
Dacca	Mymensingh	030	8	8	03	02	97	02	6	027	80	8	4	5	x	x	77	80
	Narayanganj	003	9	8	13	02	94	03	5	008	81	9	7	5	x	x	79	82
	Dacca (Tezgaon)	096	9	8	13	05	97	02	6	016	80	7	9	4	2	x	79	80
	Faridpur	059	6	8	00	00	96	02	9	015	79	8	4	7	x	x	76	81
	Barisal	036	3	7	16	02	97	17	6	024	82	2	9	4	9	0	81	85
Rajshahi	Khulna	020	4	8	18	03	96	01	6	020	81	8	5	6	x	x	80	84
	Satkhira	050	0	8	00	00	94	03	6	014	80	x	x	x	x	x	79	85
	Jessore	023	5	8	09	03	xx	xx	x	013	80	8	8	5	x	x	76	xx
	Sirajganj	058	8	8	09	02	97	02	6	006	80	8	7	5	x	x	77	80
	Bogra	004	7	8	00	00	96	02	6	018	80	3	5	6	2	x	77	81
	Dinajpur	000	9	4	00	00	96	01	1	014	82	4	1	7	0	0	75	85
	Rangpur	000	6	4	18	02	96	01	2	xxx	82	2	5	6	2	0	76	83
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	3	2	23	02	96	01	1	981	94	1	1	7	0	6	77	96
	Sialkot	000	7	2	00	00	98	01	5	976	90	1	0	9	3	9	50	91
Rawalpindi	Jhelum	000	8	2	18	02	97	01	1	967	94	1	1	7	3	0	80	95
	Rawalpindi	000	0	1	00	00	99	02	0	949	94	1	1	8	0	0	75	96
	Khushab	000	0	0	13	02	99	00	0	985	99	0	0	9	0	0	74	01
Multan	Lyallpur	000	0	4	02	02	96	01	1	978	99	0	0	9	0	3	77	01
	Montgomery	000	0	2	03	00	96	02	0	975	01	2	2	8	0	0	77	02
	Multan	000	0	2	05	03	98	02	0	973	99	2	1	6	0	0	77	01
Bahawalpur	Leiah	000	0	4	00	00	97	03	0	980	96	4	6	8	0	0	76	00
	Khanpur	000	0	0	23	03	96	02	0	979	98	0	0	9	0	0	75	00
	Bahawalpur	000	0	2	18	02	97	02	0	985	00	0	0	9	0	2	78	00
	Fort Abbas	000	0	4	23	03	98	13	1	986	95	4	0	9	3	0	77	00
Peshawar	Chakdara	000	0	0	00	00	98	00	0	941	92	0	0	9	0	0	64	94
	Peshawar	000	0	1	05	07	96	05	0	955	96	1	1	6	0	0	78	96
	Haripur	000	0	0	13	01	98	00	0	973	95	0	0	9	0	0	79	99
	Campbellpur																	
D. I. Khan	Bannu	000	0	0	07	01	99	00	0	954	98	0	0	9	0	0	70	99
	D. I. Khan	000	6	0	08	00	98	00	0	956	00	0	0	9	0	0	82	02
Quetta	Sibi	000	2	2	18	02	98	03	0	978	02	3	2	9	0	0	70	03
Kalat	Nokkundi	000	0	6	11	02	99	02	0	925	05	0	0	9	0	0	58	07
	Turbat	000	0	0	18	02	95	00	0	991	04	0	0	9	0	0	79	03
	Jiwani	000	0	5	23	09	97	03	1	997	88	3	5	8	3	0	74	92
	Pasni	000	0	4	20	12	97	02	1	998	87	4	0	9	7	0	81	92
	Ormara	000	0	4	18	03	98	01	1	995	88	4	2	7	0	0	80	91
	Lasbela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	017	6	8	27	10	93	51	9	997	85	8	0	9	2	x	85	86
	Karachi (Air Port)	000	5	8	20	09	96	62	5	012	81	7	5	4	3	x	77	83
	Badin	000	3	8	23	02	96	03	2	925	84	8	9	7	x	x	75	90
	Nagarparkar	000	0	0	23	02	98	00	0	948	88	0	0	9	0	0	61	91
	Umarkot	000	0	2	23	07	96	02	0	002	83	2	1	6	0	0	79	91
	Hyderabad	032	2	5	23	05	97	01	6	012	88	4	8	5	2	0	77	88
Khairpur	Pad-i-dan	000	8	1	18	05	98	01	1	998	91	1	1	6	0	0	74	93
	Nawabshah	000	0	6	18	05	96	01	2	011	90	6	5	5	0	0	74	91
	Sukkur	000	8	4	25	03	96	03	0	987	94	4	0	9	3	0	77	97
	Kashmore	000	0	0	18	07	99	00	0	981	95	0	0	9	0	0	74	93
	Jacobabad	000	0	4	18	05	97	02	1	981	96	4	8	6	0	0	88	98
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	4	8	31	05	96	03	4	436	68	8	9	3	x	x	65	70
Peshawar	Drosh	000	0	3	23	12	98	02	0	390	94	0	0	9	0	0	57	09
	Cherat	000	0	0	18	03	97	04	0	422	81	0	0	9	0	0	xx	82
	Kakul	000	8	4	23	05	99	03	0	429	82	4	3	7	0	0	70	86
	Landi Kotal	000	0	1	13	03	99	01	1	417	89	1	1	7	0	0	79	92
	Parachinar	000	0	2	13	04	99	02	0	796	86	0	0	9	0	2	64	xx
D.I. Khan	Miranshah	000	0	0	05	02	99	00	0	422	93	0	0	9	0	0	68	95
	Wana	000	0	0	20	05	99	00	0	425	91	0	0	9	0	0	63	92
	Fort Sandeman	000	0	4	00	80	97	02	8	415	95	4	1	7	0	0	43	98
Quetta	Hindubagh	000	0	8	09	03	98	00	0	373	93	0	0	9	0	0	39	92
	Loralai	000	8	5	23	05	95	01	1	413	81	3	2	6	2	0	68	89
	Harnai	000	9	8	09	02	98	02	2	xxx	xx	3	4	6	5	3	xx	xx
	Quetta	005	3	6	23	02	97	02	6	411	80	6	9	6	0	0	62	92
	Shahan	000	0	0	27	03	98	02	0	408	97	0	0	9	8	0	68	99
Kalat	Kalat	000	0	1	09	05	98	02	1	423	80	1	0	9	3	0	61	86
	Nushki	000	1	8	13	05	98	03	3	470	89	8	7	6	x	x	65	04
	Dalbandin	000	8	6	05	05	97	03	1	416	04	2	9	7	4	0	44	05
	Panjgur	000	0	4	23	06	98	03	0	436	94	6	0	9	6	0	[illegible]	90
Afghanistan	Kabul	000	0	0	18	02	99	00	0	474	83	0	0	9	0	0	56	92
	Kandahar																	

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 cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar																		—					140
	Chittagong	578	9	8	00	00	96	61	6	084	75	8	7	3	x	x	75	75	−6	−2	88.9	+17.2	121.0	188
	Maijdee Court	080	2	8	18	02	95	61	6	072	76	5	5	5	2	x	75	76	−1	−2	83.2	+16.3	125.0	115
	Comilla	017	9	8	00	00	97	58	6	087	77	8	4	5	x	x	75	76	−6	−1	59.5	+2.0	85.5	94
	Brahmanbaria	020	0	6	16	08	97	03	1	065	81	2	5	3	7	0	75	76	—	—	42.6	−0.7	59.6	76
	Sylhet	196	9	8	13	05	95	63	6	064	xx	0	1	4	2	x	75	75	—	—	121.6	—	160.6	—
	Srimangal	004	3	8	00	00	96	60	5	068	80	6	5	4	2	x	74	75	−10	0	60.2	+6.7	72.1	98
Dacca	Mymensingh	055	9	8	13	02	97	02	6	057	80	8	4	5	x	x	78	75	−8	−3	65.0	+9.2	87.1	91
	Narayanganj	006	9	8	18	03	97	03	6	062	83	8	7	4	x	x	79	78	−7	−1	52.3	+8.6	73.6	74
	Dacca (Tezgaon)	020	9	8	18	03	97	02	6	051	82	5	7	2	7	x	80	77	—	—	54.1	...	69.5	—
	Faridpur	062	9	8	18	02	97	03	6	045	82	8	5	6	x	x	75	76	−7	−3	56.3	+13.8	84.6	71
	Barisal	017	9	8	00	00	96	03	6	065	82	8	0	6	4	x	79	80	−3	+1	89.5	+38.5	104.3	81
Rajshahi	Khulna	020	0	8	18	05	96	01	2	xxx	82	8	5	6	x	x	80	78	−4	+1	55.9	+11.4	76.8	68
	Satkhira	050	0	8	00	00	95	03	2	051	82	0	0	9	0	0	79	79	−4	+2	44.8	+3.3	62.9	[illegible]
	Jessore	023	0	8	18	05	96	03	2	048	83	8	4	5	x	x	80	79	—	—	44.9	+5.3	95.1	[illegible]
	Sirajganj	058	9	8	00	00	98	02	2	033	83	8	0	9	6	x	80	75	−7	−3	57.9	+17.7	82.8	[illegible]
	Bogra	004	0	8	18	02	96	03	2	049	83	5	5	8	2	x	79	80	−8	+2	52.0	+7.7	71.2	69
	Dinajpur	000	3	4	00	00	96	02	1	042	83	4	0	9	2	0	77	78	−4	0	29.2	−20.0	46.5	72
	Rangpur	015	1	7	09	02	96	20	1	xxx	80	7	6	6	0	0	79	77	−6	0	48.1	−6.7	68.0	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	3	7	00	00	96	03	0	002	84	4	0	9	4	6	80	81	−2	+7	21.4	+7.5	25.2	19
	Sialkot	000	4	7	05	03	98	02	2	011	84	7	4	6	0	0	78	79	−5	+4	44.9	+22.7	50.2	32
Rawalpindi	Jhelum	000	3	5	05	02	97	01	1	999	85	4	5	7	3	0	xx	81	—	—	34.7	—	45.0	—
	Rawalpindi	000	0	0	08	00	99	00	0	004	86	0	0	9	0	0	78	79	+2	+9	33.0	+10.9	46.1	36
	Khushab	000	0	0	00	00	99	00	0	993	88	0	0	9	0	0	77	82	+1	+4	14.1	+4.3	19.5	15
Multan	Lyallpur	000	0	0	20	02	96	00	0	996	85	0	0	9	0	0	77	82	+3	+6	14.0	+5.2	16.8	12
	Montgomery	000	0	0	30	08	96	00	0	001	85	0	0	9	0	0	76	81	+2	+4	6.1	−0.6	8.4	10
	Multan	000	0	1	23	03	98	02	0	992	85	0	0	9	0	1	80	83	+2	+4	5.8	+1.1	7.9	7
Bahawalpur	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				8
	Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1					6
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					6
	Fort Abbas	000	0	0	23	03	98	00	0	011	xx	x	5	9	5	4	xx	83	—	—	8.1	—	8.4	4
Peshawar	Chakdara	000	0	3	00	00	97	01	1	983	80	0	0	8	7	0	74	77	—	—	8.1	—	23.7	—
	Peshawar	000	0	7	31	03	97	03	0	996	83	5	5	8	3	0	78	81	0	+9	6.2	+2.2	20.2	14
	Haripur	000	0	0	05	04	97	00	0	982	85	0	0	9	0	0	81	72	—	—	—	—	—	—
	Campbellpur	080	0	0	18	00	98	00	0	002	68	0	0	9	0	0	78	81	—	—	18.0	—	32.0	—
D. I. Khan	Bannu	000	2	3	00	00	99	02	0	984	86	3	0	9	3	0	77	82	—	—	10.9	—	17.8	11
	D. I. Khan	000	0	0	00	00	98	00	0	988	88	0	0	9	0	0	78	80	+1	+3	10.1	+4.9	13.9	10
Quetta	Sibi	000	0	0	13	02	99	00	0	003	85	0	0	9	0	0	75	84	—	—	3.2	—	4.0	5
Kalat	Nokkundi	000	0	0	07	02	97	02	0	997	87	0	0	9	0	0	44	84	—	—	0	—	1.1	2
	Turbat	000	3	3	23	02	95	03	0	024	84	0	0	9	0	0	78	xx	—	—	2.3	—	4.7	—
	Jiwani	000	0	[illegible]	00	00	97	01	1	017	84	2	5	5	3	0	77	80	—	—	0.2	—	5.8	4
	Pasni	000	0	2	27	02	97	00	0	013	83	2	0	9	7	0	83	79	+2	+6	0.2	−0.7	2.7	6
	Ormara	002	0	6	27	02	98	02	1	013	83	6	2	5	0	0	80	80	—	—	0.7	−0.1	2.6	6
	Lasbela																							8
Karachi Federal Area Hyderabad	Karachi (Manora)	017	1	8	27	12	96	03	9	019	81	8	0	9	7	x	77	78	+1	+1	15.0	+9.1	15.0	8
	Karachi (Air Port)	012	9	7	00	00	96	03	5	019	80	2	6	4	5	0	77	76	—	—	18.2	—	18.5	—
	Badin	000	0	0	23	02	96	00	0	029	80	0	0	9	0	0	79	77	−5	+1	8.4	+1.3	8.4	9
	Nagarparkar	000	0	0	23	01	98	00	0	986	84	0	0	9	0	0	69	78	—	—	14.1	—	14.1	—
	Umarkot	000	0	2	18	03	98	00	0	016	77	2	0	9	4	0	75	75	—	—	17.4	—	18.1	—
	Hyderabad	032	9	3	23	07	97	03	4	015	81	0	0	9	0	1	75	77	−9	0	14.2	+8.5	15.0	7
Khairpur	Pad-i-dan	008	8	0	13	09	98	02	0	006	86	0	0	9	0	0	76	77	—	—	7.5	—	7.5	—
	Nawabshah	000	8	0	18	02	96	02	0	010	83	0	0	9	0	0	76	76	—	—	6.2	—	6.9	—
	Sukkur	000	9	4	20	03	96	03	2	994	82	4	0	9	6	0	76	78	—	—	3.5	—	4.5	4
	Kashmore	000	0	0	xx	xx	99	00	0	999	84	0	0	9	0	0	75	81	—	—	2.0	—	3.1	—
	Jacobabad	000	0	4	13	05	97	03	0	003	83	4	6	5	0	0	82	81	−5	+3	3.8	+1.6	4.5	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
HILL STATIONS																								
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	000	3	2	27	02	98	01	4	453	65	2	5	2	0	0	61	61	0	+6	45.1	+11.9	70.3	39
Peshawar	Drosh	000	0	1	00	00	98	02	0	437	97	1	1	7	0	0	61	76	+11	+11	1.3	—	38.4	18
	Cherat	000	0	2	23	02	98	01	x	437	76	1	2	6	5	0	71	72	−3	+6	16.0	+4.6	28.1	29
	Kakul	000	9	1	31	02	97	01	1	444	76	1	4	7	6	0	69	73	—	—	46.1	—	50.9	—
	Landi Kotal	000	0	5	05	03	98	03	1	431	80	0	0	9	9	0	70	xx	—	—	2.5	—	17.5	
	Parachinar	000	0	5	00	00	99	00	0	797	70	0	1	9	1	0	62	xx	—	—	12.0	—	25.8	29
D.I. Khan	Miranshah	000	0	2	00	00	99	00	0	433	85	0	0	8	2	0	67	75	—	—	2.7	−1.6	5.7	13
	Wana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
	Fort Sandeman	000	0	0	00	00	98	02	0	436	81	0	0	9	0	0	69	76	+4	+9	5.9	+1.0	14.7	11
Quetta	Hindubagh	000	0	0	27	03	98	00	0	386	78	0	0	9	0	0	53	77	—	—	4.9	—	12.5	—
	Loralai	000	0	0	00	00	98	00	9	428	73	0	0	9	0	0	60	66	—	—	7.0		12.0	—
	Harnai	000	0	7	09	02	96	04	3	xxx	xx	0	0	9	0	0	xx	xx	—	—	9.5	+2.3	13.8	14
	Quetta	005	9	0	00	00	95	00	6	430	70	8	0	9	0	0	64	83	—	—	4.5	+3.5	10.1	8
	Shahan	000	0	0	13	01	98	02	0	436	83	8	0	9	0	0	59	72	+7	+8	0.1	0	6.2	7
Kalat	Kalat	000	0	1	00	00	98	02	1	440	75	0	0	9	0	2	62	61	+2	+10	4.3	+3.2	9.0	9
	Nushki	000	0	0	13	02	98	02	0	466	85	0	0	9	0	0	75	80	—	—	0.9	—	2.7	—
	Dalbandin	000	9	0	20	02	95	05	3	427	83	0	0	9	0	0	51	80	+4	+16	0.2	−0.1	2.2	5
	Panjgur	012	1	6	00	00	98	03	6	445	74	0	0	9	4	0	68	23	−6	+6	2.8	—	3.8	4
Afghanistan	Kabul	000	0	0	18	02	99	00	0	481	71	0	0	9	0	0	56	60	—	—	—	—	—	12
	Kandahar																							—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitte.

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day

Whenever 999 is given for RRR see the summary above for the actual amounts of rain

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 14th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_hL_mL_m$	$L_hL_mL_m$ GG	N dd ff	VV ... W	PPP TT	$N_hC \cdot hC_mC_H$	D,V. a PP	8 N, Ch, h.	O T, T, T_d T_d	Id d_m PH.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
City of Swansea	13 210	592 00	0 36 04	97 02 4	003 75	00 9 00	16 40 0	...	9 00 73	1 25 xx
Astoria	13 241	535 06	4 12 12	98 02 1	056 90	44 4 00	24 28 8	...	9 00 81	1 12 22
London Pride	13 188	583 06	2 22 18	98 01 2	045 76	23 5 00	54 25 0	...	9 04 73	1 22 55
Calcas Delft	13 264	637 06	5 25 13	98 02 2	048 79	55 4 00	...	...	8 00 72	1 23 22
Wellsworthen	13 222	611 06	5 13 06	98 03 1	038 79	30 4 69	36 21 0	...	8 59 75	1 13 20
London Pride	13 170	574 12	2 24 18	98 02 0	018 78	20 9 10	54 40 0	...	9 01 77	1 31 55
Asiatic	13 264	561 18	2 00 00	98 02 1	033 90	28 6 40	24 20 6	...	9 00 81	1 00 ±0
Calcas Delft	13 223	609 18	7 35 05	98 08 1	010 81	75 4 00	...	...	8 57 77	1 33 20
Sintang	13 241	594 18	1 16 07	98 01 0	017 82	12 5 00	36 50 4	...	9 51 75	1 16 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTcTd	1000 mb HHHTTT TdTdTd	900 mb HHHTTT TdTdTd	850 mb HHHTTT TdTdTd	800 mb HHHTTT TdTdTd	700 mb HHHTTT TdTdTd	600 mb HHHTTT TdTdTd	500 mb HHHTTT TdTdTd	400 mb HHHTTT TdTdTd	300 mb HHHTTT TdTdTd	200 mb HHHTTT TdTdTd	150 mb HHHTTT TdTdTd	100 mb HHHTTT TdTdTd
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sagra ...														
Chittagong ...	23 00	003 265 252	031 248 232	...	410 152 112	...	062 062 032	315 502 528	760 562 598	475 665 712	957 808	231 042	411 162	...
Dacca ...														
Rawal ...	00 00	998 262 245	007 xxx xxx	...	410 188 999	...	071 135 999	327 078 999	826 522 999	561 638 999	969 755	249 998	432 132	...
Karachi ...	00 00	Missa	...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...														
Multan ...	23 00	967 228 258	...	...	439 142 198	...	063 132 082	333 035 558	794 525 722	543 572 999	973 688	...	...	...
Peshawar ...														
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT TdTdTd	Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH FT	St. HHHHTT
16	17	18 19 20 21 22 23 24 25 26	27	28	29
Sagra ...					
Chittagong ...	23 00	900 175 452 800 128 092 602 008 528 390 732 778	350 732 778	...	...
Dacca ...					
Rawal ...	00 00	... ...	850 132 999	...	...
Karachi ...	00 00	Missa	...	...	...
Lahore ...					
Multan ...	23 00	900 252 232 880 205 185 350 632 999 290 698 999	290 698 999	...	...
Peshawar ...					
Quetta ...					

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of ° C.)
St=Character of tropopause.

HHH, HHHH (heights) – Tens of geopotential metres.
TT—Dry bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Heights in Kms. a.s.l. →	At 1200 hrs. G.M.T. of Previous day (dd ff): 0.3	..0	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 600 hrs. G.M.T. of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Sagra ...																										
Chaklala ...	13 15	14 12	17 13	19 15						14 19						18 07	18 10	20 13	20 12							
Chhor ...	22 09	22 12	21 12	22 11	21 10	15 09				23 15	24 17	22 14	20 09	15 07	09 05		15 03	17 09	23 07	30 03						
Chittagong ...	No	Ascent								No	Ascent					21 13	21 14	21 13								
Cox's Bazar ...																17 13										
Dacca ...																										
Dalbandin ...	16 19	18 23	05 01	06 03	07 03	36 08	05 11	05 10	08 03	19 16	21 18	22 18	22 16	23 12												
D. I. Khan ...																										
Drosh ...																										
Fort Sandeman ...					22 20	36 10	20 23	19 25					23 05	24 03	28 02			24 06	19 04	31 05	36 15	36 16	01 13	31 15		
Hyderabad ...			25 03		01 03	04 04	01 04	11 04	14 10				21 03	22 03	32 14			06 03	01 12	01 06	15 04	16 02	17 11			
Jacobabad ...	17 13	18 19	20 05	08 07	07 10					19 12	20 08	14 03	06 04	33 06	04 06	19 04	19 03	15 03	04 05	05 10	06 17	xx xx	13 17	14 13		
Jessore ...	No	Ascent								No	Ascent					21 23	21 24	22 27								
Kalam ...	21 02	24 06	25 00	31 10	32 07	03 07	31 11	36 05	05 05	18 08	24 04	26 05	30 06	32 08		15 03	13 03	14 01	29 05	30 05	03 01	07 05	17 07	01 05	04 10	11 06
Kemal ...	22 08	26 04	30 05	03 08	04 11	04 20				12 03	09 01	06 02				18 07	18 06	11 02	01 07							
Karachi ...	23 13									27 12	27 11	28 12				25 12	25 11	27 08								
Khanpur ...	25 06	24 11	24 09	17 09	20 15	18 03				22 19	23 26	25 30	27 40	21 43		21 11	24 11	21 09	19 10	18 20	29 05	01 19	xx xx	03 25	03 17	
Lahore ...	33 05	28 04	26 05	27 09	31 11	30 13	31 04	32 10	01 06	22 10	27 11	27 12	28 07	36 07	01 06	01 01	31 05	31 06	28 04	13 02	22 04	10 05	18 08	16 09	17 04	
Multan ...	22 12	21 10	21 10	22 07	26 03	34 04	02 07	12 07	08 11	21 19	22 13	21 06	19 07	26 04	03 09	20 10	19 10	19 11	18 07	15 04	03 11	04 12	04 12	03 09	05 11	10 15
Muscat ...																										
Panjgur ...																										
Peshawar ...		05 12	09 09	14 09	19 10	31 09	32 08	33 13	30 08		33 04	27 01	34 03	17 04	28 03		36 03	32 02	21 06	32 09	02 05	01 11	32 06	30 10	20 12	
Quetta ...					18 06	35 06	07 06							29 06	34 13					34 06	09 06	15 09	12 06	12 06	13 10	
Sharjah ...																										
Sylhet ...	35 03	20 05	21 06																							
Veraval ...																										

* The actual time of observations may vary within half an hour of the so cified times.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g. p. kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	19 16	22 18	22 17	22 15	22 16	32 10	02 11	10 09	10 16	11 12	12 02	16 05	29 09	84 09	05 20	...	...	...
Karachi ...	26 17	26 12	27 11	03 02	27 12	08 15	14 09	14 06	14 04	28 04	21 03	15 01	09 07	13 09	...	...	...	...
Peshawar ...		30 05	30 04		04 13	32 09	02 05	36 07	36 07	18 06	24 07	25 09	28 20					
Quetta ...					15 04		36 18											

*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 figure for wind speed "ff" is omitted.

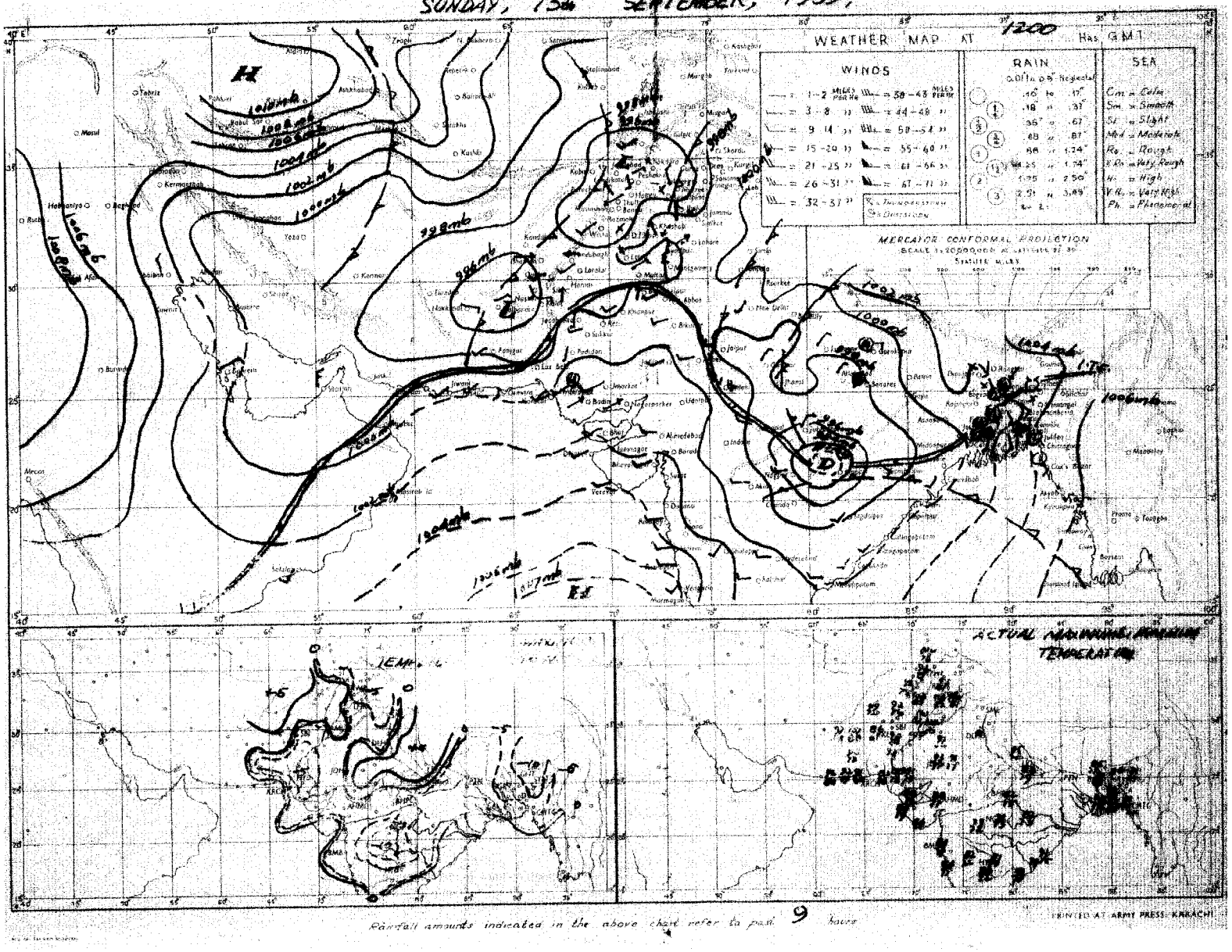
Cloud observation Data (GGiii Cdd V,V, etc.)

II 768 30 611

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 SEPTEMBER, 1969.



Rainfall amounts indicated in the above chart refer to past 9 hours

PRINTED AT ARMY PRESS, KARACHI

PAKISTAN DAILY WEATHER MAP

MONDAY, 14th SEPTEMBER 1959,

Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

TUESDAY THE 15th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's deep depression moved northwestwards, weakended into a depression and lies at 15,0300 G.M.T. about 30 miles southeast of Neemuch, India It is likely to move northwestwards.

Conditions are unsettled in northwest and adjoining central Bay of Bengal.

Yesterday's low pressure wave is moving away across Kashmir while fresh one is now passing across Afghanistan.

Rain/thundershowers have been fairly widespread in Dacca division, local in Chittagong and Rajshahi divisions and scattered in Lahore and Rawalpindi divisions.

Chief amounts of rainfall are:- Barisal 4"; Khulna 2"; Cox's Bazar, Maijidee Court, Sylhet and Dinajpur 1½" each; Rangpur and Sialkot ½" each and Jessore and Murree 1/4" each.

Day temperatures were:- 3—6°F below normal in Chittagong, Dacca, Hyderabad and Khairpur divisions and 4—7°F above normal in Quetta and north Kalat divisions.

Forecast valid until the evening of 16th September, 1959 Fairly widespread rain/thundershowers will occur in Lahore and Multan divisions, local in Chittagong, Dacca, Bahawalpur, Rawalpindi, Peshawar, Hyderabad divisions and Kashmir and scattered in Rajshahi, D. I. Khan and Khairpur divisions. Light rain/drizzle is also likely to occur in the Federal Capital Area.

Karachi-11
The 15th September, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	137	9	5	16	02	95	60	6	053	77	2	5	5	1	4	77	78
	Chittagong	010	9	8	13	02	97	02	6	050	78	6	4	4	2	x	75	79
	Maijdee Court	070	6	7	18	05	96	03	6	046	79	4	4	6	6	0	76	80
	Comilla	000	0	8	18	03	95	02	2	055	79	8	4	5	x	x	76	81
	Brahmanbaria	000	0	5	18	01	97	03	1	039	80	5	4	5	0	0	79	84
	Sylhet	171	8	8	09	02	96	21	9	041	76	3	5	5	2	x	76	77
	Srimangal	000	0	6	00	00	96	02	1	037	80	6	3	6	0	0	76	85
Dacca	Mymensingh	007	4	8	00	00	97	02	9	029	80	8	7	5	x	x	77	82
	Narayanganj	012	6	8	13	05	96	03	6	029	79	5	7	4	0	8	75	84
	Dacca (Tezgaon)	005	6	7	18	10	98	02	6	027	78	3	5	4	4	1	75	85
	Faridpur	000	8	8	20	07	96	02	2	028	79	8	4	6	x	x	76	87
	Barisal	355	9	6	09	03	96	63	6	049	79	6	6	5	0	0	78	85
Rajshahi	Khulna	126	3	8	13	03	95	03	6	036	77	8	5	5	x	x	76	86
	Satkhira	015	3	8	00	00	94	61	6	060	79	x	x	x	x	x	77	88
	Jessore	030	3	8	18	05	95	62	6	028	77	8	7	5	x	x	77	89
	Sirajganj	000	0	8	00	00	97	02	9	012	81	8	9	5	x	x	78	87
	Bogra	005	1	7	18	03	96	21	6	023	79	x	x	x	x	x	77	89
	Dinajpur	113	8	6	00	00	96	61	1	017	79	6	0	9	2	0	79	89
	Rangpur	040	3	6	13	02	96	01	6	xxx	80	2	5	6	2	2	77	86
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	8	4	00	00	96	01	1	983	93	3	4	7	0	4	81	97
	Sialkot	000	0	3	13	00	97	01	0	979	90	1	2	6	2	0	80	92
Rawalpindi	Jhelum	000	9	6	18	02	97	03	1	974	93	1	1	7	0	0	80	96
	Rawalpindi	000	0	4	18	02	99	03	0	959	95	3	1	8	0	8	78	97
	Khushab	000	0	2	13	03	99	01	1	009	99	2	2	6	0	0	71	01
Multan	Lyallpur	000	0	6	00	00	96	02	0	968	99	6	0	9	5	0	75	00
	Montgomery	000	0	0	00	00	96	00	0	982	99	0	0	9	0	0	78	00
	Multan	000	0	2	13	05	98	02	0	975	99	0	0	9	0	2	72	99
Bahawalpur	Lalah	000	0	5	18	05	97	03	1	976	96	3	6	8	0	6	75	04
	Khanpur	000	0	8	29	05	96	03	0	973	98	x	x	x	x	x	75	01
	Bahawalpur	000	0	5	31	03	97	03	0	976	00	0	0	9	0	4	75	01
	Fort Abbas	000	0	2	23	05	98	02	0	973	98	2	0	9	2	0	72	01
Peshawar	Chakdara	000	0	0	23	02	98	02	1	939	93	0	0	9	0	0	75	96
	Peshawar	000	0	1	36	07	97	02	0	960	96	1	1	6	0	0	79	98
	Haripur	000	4	4	23	02	97	03	0	955	89	4	1	6	0	0	75	96
	Campbellpur	000	0	0	18	02	98	00	0	978	93	0	0	9	0	0	80	99
D. I. Khan	Bannu	000	0	2	11	01	99	03	0	944	99	2	1	6	0	0	71	00
	D. I. Khan	000	0	0	00	00	98	00	0	954	01	0	0	9	0	0	83	03
Quetta	Sibi	000	2	2	18	02	98	03	1	967	01	3	0	9	3	0	72	02
Kalat	Nokkundi	000	0	0	02	02	97	02	0	920	06	0	0	9	0	0	36	09
	Turbat	000	0	3	23	02	96	11	0	998	01	0	0	9	0	1	82	03
	Jiwani	000	0	6	23	14	97	02	0	995	87	6	6	5	0	0	77	90
	Pasni	000	0	2	25	17	97	02	0	990	87	2	0	9	7	0	78	92
	Ormara	000	0	3	23	07	98	02	1	990	87	3	2	7	0	0	80	90
	Las Bela	000	0	0	00	00	98	00	0	002	91	0	0	9	0	0	80	99
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	7	25	14	96	03	1	001	86	7	0	9	7	0	81	87
	Karachi (Air Port)	000	0	7	23	09	97	03	2	000	84	5	5	6	3	0	77	85
	Badin	000	0	0	23	02	97	00	0	009	88	0	0	9	0	0	80	90
	Nagarparker	000	0	0	00	00	98	00	0	938	79	0	0	9	0	0	62	93
	Umarkot	000	0	0	18	05	98	00	0	987	89	0	0	9	0	0	73	91
	Hyderabad	000	0	2	23	09	97	01	2	989	88	2	5	6	0	0	76	90
Khairpur	Pad-i-dan	000	0	1	13	07	98	01	0	975	94	1	1	6	0	0	74	95
	Nawabshah	000	0	2	18	07	99	01	1	981	91	2	1	6	0	[illegible]	79	5
	Sukkur	000	8	1	25	02	96	00	1	971	96	0	0	9	0	3	77	98
	Kashmore	000	0	0	00	00	99	00	0	971	95	0	0	9	0	0	75	97
	Jacobabad	000	0	1	16	05	97	02	0	983	96	1	1	6	0	0	80	98
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	010	2	8	29	02	96	03	6	444	68	8	9	2	x	x	67	70
Peshawar	Drosh	000	0	3	23	10	97	01	0	391	94	3	2	7	6	0	57	99
	Cherat	000	3	0	25	03	97	04	6	425	85	0	0	9	0	0	79	88
	Kakul	000	8	3	20	05	96	05	1	436	83	3	1	7	0	0	69	86
	Landi Kotal	000	0	1	13	03	98	01	1	417	90	1	1	7	7	0	78	92
D.I. Khan	Parachinar	000	0	3	13	02	99	02	0	796	84	2	0	9	1	1	30	xx
	Miranshah	000	0	4	05	02	99	02	0	422	94	4	1	8	0	0	69	96
	Wana	000	0	3	09	07	99	02	0	415	86	3	0	9	6	0	65	92
	Fort Sandeman	000	0	4	07	05	97	03	0	415	91	6	5	6	0	0	69	98
Quetta	Hindubagh	000	4	6	09	04	94	07	0	368	91	5	0	9	4	1	41	91
	Loralai	[illegible]	0	5	18	03	96	01	2	416	88	3	3	5	0	1	67	90
	Harnai	000	5	4	09	02	98	01	3	xxx	xx	4	1	4	0	0	xx	xx
	Quetta	000	0	3	00	00	6	02	0	00	93	2	1	6	6	0	52	95
	Chaman	000	0	0	23	02	98	02	0	412	00	0	0	9	0	0	65	01
Kalat	Kalat	000	0	1	27	05	97	01	1	408	84	0	0	9	0	1	50	91
	Nushki	000	0	0	31	05	98	02	0	459	03	0	0	9	0	0	69	04
	Dalbandin	000	0	0	13	02	96	02	0	412	04	0	0	9	0	0	44	06
	Panjgur	000	0	4	23	02	98	07	1	435	93	6	0	9	3	0	65	94
Afghanistan	Kabul	000	0	2	09	03	99	03	0	451	83	2	2	7	0	0	63	92
	Kandahar																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	137	9	5	16	03	97	03	6	083	80	1	5	6	7	2	77	74	— 10	— 2	109.0	+ 5.0	123.9	140
Chittagong	015	6	6	13	02	97	02	6	085	81	2	2	6	2	2	75	75	— 8	— 2	89.1	+17.0	113.1	108
Maijdee Court	130	9	8	18	02	97	03	6	080	82	2	1	6	2	x	77	75	— 6	— 3	94.5	+17.1	126.3	115
Comilla	000	0	3	00	00	98	03	0	068	84	3	9	7	0	0	77	75	— 8	— 2	59.6	+ 1.6	85.5	94
Brahmanbaria	000	0	4	18	03	97	02	1	079	81	2	4	5	7	0	75	76	—	—	42.6	— 1.0	58.6	76
Sylhet	171	0	7	09	02	96	02	5	075	81	5	4	5	6	0	75	75	—	—	124.3	—	162.3	—
Srimangal	000	9	3	16	02	97	01	1	078	80	3	4	6	0	0	73	74	— 6	— 1	60.2	+ 6.3	72.1	98
Mymensingh	...																	— 6					91
Narayanganj	012	9	8	16	05	96	03	2	068	83	8	7	4	x	x	xx	78	— 5	— 1	52.5	+ 8.4	73.7	74
Dacca (Tezgaon)	000	9	6	13	07	97	01	2	064	82	4	5	4	8	0	77	77	—	—	54.1		69.1	—
Faridpur	000	9	7	16	02	97	03	0	053	81	5	5	7	1	0	77	75	— 1	— 4	56.3	+11.6	84.6	71
Barisal	386	9	7	09	02	96	62	6	078	78	7	6	6	0	0	77	74	— 3	— 5	93.3	+42.0	108.2	81
Khulna	255	4	8	13	05	95	03	6	072	76	8	5	5	x	x	75	75	— 2	— 2	58.5	+13.7	79.4	66
Satkhira	015	0	8	09	01	95	03	2	xxx	79	x	x	x	x	x	78	77	— 1	0	44.9	+ 3.1	63.0	63
Jessore	038	9	8	18	03	96	03	6	063	79	6	8	6	6	x	79	75	—		45.3	+11.4	95.5	65
Sirajganj	000	0	8	18	03	98	02	9	060	82	8	2	5	x	x	78	77		— 1	57.9	+17.4	82.0	64
Bogra	005	0	7	13	03	96	02	5	064	82	7	7	2	0	0	76	78		0	52.1	+ 7.3	71.1	69
Dinajpur	133	3	4	00	00	96	02	6	055	83	4	0	9	2	0	79	78		0	30.5	—19.2	47.8	73
Rangpur	040	0	7	05	0	96	03	1	xxx	81	7	5	6	0	0	77	78	— 3	+ 1	48.5	— 6.8	68.4	84
Jammu																							—
Lahore (Jail Rd)	000	0	7	18	03	97	02	2	022	82	3	6	4	8	0	79	80	— 1	+ 6	21.4	+ 7.4	25.2	19
Sialkot	048	2	8	05	02	97	02	6	043	73	8	5	6	x	x	72	72	— 4	— 3	45.3	+23.1	50.7	32
Jhelum	000	6	8	13	07	97	02	2	034	78	5	7	6	1	x	72	78	—	—	34.7	—	45.0	—
Rawalpindi	000	0	6	00	00	98	03	2	015	83	3	1	7	7	7	79	81	+ 3	+ 11	33.0	+10.8	46.1	36
Khushab	000	0	0	00	00	99	00	0	014	89	0	0	9	0	0	77	83	+ 1	+ 5	14.1	+ 4.4	19.5	15
Lyallpur	000	0	6	00	00	96	02	0	013	84	6	2	8	[illegible]	0	78	93	+ 2	+ 7	14.0	+ 5.1	16.8	12
Montgomery	000	0	0	00	00	96	00	0	020	87	0	0	9	0	[illegible]	79	82	0	+ 5	6.1	— 0.2	8.4	10
Multan	000	0	1	00	00	98	02	0	013	88	0	0	9	0	1	77	84	0	+ 5	5.8	+ 1.1	7.9	7
Lalah	000	0	3	00	00	96	04	1	013	87	0	0	3	0	7	78	80	—	—	4.6	—	6.5	8
Khanpur	000	0	0	25	05	96	02	0	006	84	0	0	9	0	0	x	81	0	6	9.3	— 4.4	1.2	8
Bahawalpur	000	0	0	18	02	97	00	0	014	85	0	0	9	0	0	77	81	— 1	+ 7	5.4	+ 1.2	6.4	6
Fort Abbas	...	—	—	...	...	—	—	—	...	—	—	—	—	—	...	—	—	—	—		—		4
Chakdara	000	0	8	00	00	97	03	1	987	80	8	0	8	6	x	73	77	—	—	8.1	—	23.7	—
Peshawar	000	0	6	00	00	97	02	4	010	83	6	5	6	0	0	80	81	+ 2	+ 9	6.2	+ 1.2	20.2	14
Haripur	000	3	3	23	04	97	03	0	998	83	0	0	9	0	6	65	71	—	—	16.0	—	26.9	—
Campbellpur	000	0	0	13	03	98	00	0	007	89	0	0	7	0	0	78	85	—	—	18.0	—	32.0	—
Bannu	000	2	4	00	00	99	02	1	004	87	4	0	9	8	0	74	85	—	—	10.9	—	17.8	11
D. I. Khan	000	0	0	00	00	98	00	0	010	89	0	0	9	0	0	77	81	+ 2	+ 4	10.1	+ 4.9	13.9	10
Sibi	000	0	0	13	02	99	00	0	008	87	0	0	9	0	0	75	85	—	—	3.2	—	4.0	5
Nokkundi	000	0	0	36	02	97	02	0	988	84	0	0	9	0	0	44	82	—	—	0	—	1.1	2
Turbat	000	3	0	23	02	95	02	0	003	80	0	3	9	0	0	78	xx	—	—	2.3	—	6.7	—
Jiwani	000	0	6	00	00	96	02	1	020	82	6	5	5	0	0	76	78	—	—	0.2	—	5.8	4
Pasni	000	0	7	18	02	97	02	2	025	82	7	5	7	0	0	79	80	+ 2	+ 7	0.2	— 0.7	2.7	6
Ormara	000	0	6	27	02	98	02	1	018	83	6	2	5	0	0	80	81	—	—	0.2	— 0.6	2.7	6
Las Bela	000	0	0	00	00	98	00	0	026	84	0	0	9	0		79	81	—	—	6.6	—	4.0	8
Karachi (Manora)	000	0	7	00	00	96	03	1	022	82	7	0	9	7	0	76	80	+ 2	+ 3	15.0	+ 9.1	15.0	8
Karachi (Air Port)	000	0	8	25	02	96	03	2	020	81	5	5	5	3	x	77	79	—	—	18.2	—	18.5	—
Badin	000	0	6	23	02	95	03	2	037	80	6	6	7	0	0	77	77	— 5	+ 1	8.4	+ 1.3	8.4	9
Nagarparker																			—				—
Umarkot	000	0	8	20	02	98	02	0	012	79	8	0	9	2	x	78	76	—	—	17.4	—	18.1	—
Hyderabad	000	0	4	23	05	97	03	0	012	80	2	0	9	2	1	76	79	— 7	+ 2	14.2	+ 8.5	15.0	7
Pad-i-dan	000	0	4	13	02	98	03	0	011	80	2	6	4	0	4	77	77	—	—	7.2	—	7.5	—
Nawabshah	000	0	3	00	00	96	03	0	016	81	0	0	9	0	5	77	77	—	—	6.2	—	4.9	—
Sukkur	000	9	4	02	02	96	03	0	[illegible]	[illegible]	[illegible]	[illegible]	9	0	3	78	80	—	—	3.5	—	4.5	4
Kashmore	000	0	0	18	02	99	02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	0	77	81	—	—	2.0	—	2.1	—
Jacobabad	000	0	0	18	02	97	02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	81	83	— 5	+ 5	3.8	+ 0.6	4.5	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																							—
Gilgit																							5
Murree	025	2	9	13	03	90	49	9	469	64	9	x	0	x	x	63	62	0	+ 7	45.3	+11.9	70.6	59
Drosh	000	2	2	00	00	98	01	2	445	79	2	2	7	0	0	65	77	+ 10	+ 12	1.3	—	30.4	18
Cherat	000	0	5	18	05	98	03	1	456	76	5	5	6	0	0	73	73	+ 3	+ 7	16.1	+ 4.6	36.1	29
Kakul	000	9	7	13	03	97	03	1	461	76	7	8	6	0	0	72	73	—	—	46.2	—	52.9	—
Landi Kotal	000	0	6	05	03	98	03	1	439	78	0	0	9	0	1	73	xx	—	—	2.5	—	17.5	—
Parachinar	000	0	2	00	00	99	02	0	797	71	2	0	9	1	0	64	xx	—	—	12.0	—	25.8	29
Miranshah	000	0	0	00	00	99	02	0	433	84	0	0	9	0	0	68	79	—	—	2.7	—	5.7	13
Wana	...	...	...	...	...	...	...	...	...	...							...	—	—				—
Fort Sandeman	000	0	1	00	00	98	03	0	467	80	0	0	9	0	3	70	76	+ 4	+ 9	5.9	+ 1.0	14.7	11
Hindubagh	000	0	0	00	00	98	00	0	426	73	0	0	9	0	0	56	71	—	—	4.5	—	12.5	—
Loralai	000	0	0	00	00	98	00	0	422	76	0	0	9	0	0	67	68	—	—	7.0	.	12.8	—
Harnai	000	0	0	09	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	5.9	— 1.3	13.8	14
Quetta	000	0	0	18	02	96	00	0	434	73	0	0	9	0	0	66	66	—	—	4.5	+ 3.5	10.1	8
Chaman	000	0	0	18	02	98	12	0	435	75	0	0	9	0	0	43	70	+ 9	+ 6	0.1	0	6.2	7
Kalat	000	0	7	18	00	97	02	8	457	70	0	0	9	0	1	44	6	+ 7	+ 13	4.3	+ 2.3	9.0	9
Nushki	000	0	0	13	05	98	02	0	467	86	0	0	9	0	0	59	80	—	—	0.9	—	2.7	—
Dalbandin	000	9	0	27	02	94	05	0	433	81	0	0	9	0	0	57	77	+ 5	+ 13	0.2	— 0.1	2.2	5
Panjgur	000	0	4	00	00	98	03	0	443	75	4	0	9	2	0	67	71	— 2	+ 4	2.2	—	3.8	4
Kabul	003	0	1	36	02	99	02	0	[illegible]	73	[illegible]	1	7	0	0	61	67	—	—	—	—	—	12
Kandahar																							—

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WEATHER BUREAU

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M.T. of the same day
Whenever 999 is given for RRR see the summary above for the actual amounts of rain.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 15th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sC_sh_sh_s$	0 $T_sT_sT_dT_d$	$1d_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
London Pride	23 137	561 06	2 20 25	98 01 1	071 78	00 9 01	54 22 0	–	0 02 77	1 20 57
Caltex Delft	23 242	587 06	1 12 09	98 02 0	025 88	11 5 00	...	–	0 03 77	1 12 30
Astarte	23 240	580 06	3 12 10	98 01 1	054 88	26 4 20	35 11 0	–	0 33 79	1 12 33
Bintang	23 210	635 12	8 26 08	97 15 2	033 73	73 3 6x	36 60 9	–	0 50 75	1 26 22
Astarte	23 238	588 12	2 12 08	98 02 0	020 84	20 9 10	34 71 7	–	0 04 77	1 12 22
Astarte	23 228	597 18	4 12 08	98 01 1	038 81	44 4 00	44 11 2	–	0 52 73	1 12 23
Darasa	23 341	602 18	0 20 09	98 02 0	020 82	00 9 00	25 21 5	–	0 52 xx	...
Caltex Delft	23 263	567 18	0 10 09	99 02 0	005 86	00 9 00	...	–	0 52 82	1 16 20
Islami	23 214	625 18	8 23 09	99 03 1	022 79	84 6 xx	54 71 0	–	0 00 75	1 13 22
Bintang	23 197	649 18	7 23 08	98 03 2	040 77	65 4 20	36 50 0	–	0 54 73	1 13 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
		PPPTTT$T_dT_dT_d$	HHHTTT $T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	–													
Chittagong	–													
Dacca	23 00	084 268 245	043 218 185	–	409 158 125	–	170 082 052	429 018 532	889 548 658	595 660 999	970 800	246 008	...	–
Jiwani	–													
Karachi	00 00	998 265 245	005 xxx xxx	–	400 195 195	..	104 152 052	390 068 542	859 548 648	577 641 765	972 740	258 950	448 088	..
Lahore	00 00	Misda	–	..		–	–	–	–	–	–	..	–	–
Multan	–													
Peshawar	00 00	959 288 272	..	–	400 265 252	–	100 132 132	386 082 072	867 508 615	610 620 999	975 768	–	–	–
Quetta	–													

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T_dT_dT_d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHMTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	–												
Chittagong	–												
Dacca	23 00	900 193 158	800 132 108	573 002 532	448 612 682	–	–	...	–	...	448 612 682	–	..
Jiwani	–												
Karachi	00 00	900 225 225	807 198 162	800 192 152	765 192 128	350 685 838	–	–	–	–	350 685 838	–	–
Lahore	00 00	Misda	—	..	..		...	...	–	–	...		
Multan	–												
Peshawar	00 00	900 278 275	888 240 240	350 690 999	250 862 999	225 928 999	...	...	..	–	225 928 999	...	...
Quetta	–												

PPP—Pressure in hundreds tens and units of millibars.
TTT; $T_dT_dT_d$: Dry Bulb; Dew Point temperatures (in tenths of ° C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	18 13	18 15	10 15						–	15 15	–	–			–	17 10	17 14	...	–	–	–	–	–	–	–	–
Chaklala	..	19 03	22 02	23 04	24 04	01 08	05 05	36 21	..	–	10 05	26 04	25 09	31 07	–	–	–	..	–	–	–	–	–	–	–	...
Chhor	22 09	22 09	22 08	23 05	07 05	07 06	05 09	–	...	24 15	24 14	22 09	–	–	–	24 10	–	–	–	–	–	–	–	–	–	...
Chittagong	17 14	17 20	18 14	22 15	24 21	...	–	–	–	16 15	16 13	16 19	–	–	..	20 15	19 13	–	–	–	–	–	–	–	–	..
Cox's Bazar	No	Ascent	–					–	–	16 08	16 05	18 04	14 02	–	–	No	Ascent	–	–	–	–	–	–	–	–	–
Dacca	18 24	20 24	20 21	23 13	22 08	18 09	06 13	01 21	10 25	18 11	19 08	20 07	17 03	..	–	18 13	18 12	18 13	14 11	14 12	15 15	12 18	10 17	09 21	..	–
Dalbandin	...	–	19 03	25 05	30 04	04 12	09 09	11 12	10 13	–	–	27 10	27 14	18 05	34 06	–	–	26 01	26 02	20 03	02 06	10 14	13 12	11 11	11 11	28 11
D. I. Khan	..	–	–							–	–	–				–	–	–	–	–	–	–	–	–	..	–
Drosh	–	–	–		22 13	20 15	12 07	05 02	34 05	–	–	–	23 01	22 03	20 08	–	–	–	–	22 06	21 15	15 13	–	–	–	–
Fort Sandeman	–	–	–	09 11	07 12	34 12	–	–	–	...	–	...	06 05	31 03	36 07	–	–	–	04 01	09 03	03 05	06 10	23 02	31 06	18 13	–
Jacobabad	14 05	18 03	10 01	05 05	04 09	05 15	04 07	08 15	09 05	19 09	15 04	05 06	06 11	08 11	05 16	17 01	12 03	09 05	08 09	06 11	06 16	10 11	12 14	14 13	12 08	14 08
Jessore	No	Ascent	–				–	–	...	16 13	–	–	...	..	–	No	Ascent	–	–	–	–	–	–	–	–	–
Jhelum	18 04	09 06	20 06	27 08	30 06	36 07	08 03	–	–	1	–	22 03	...	–	..	18 01	13 05	17 06	31 02	25 02	15 03	30 04	34 10	–	–	–
Jiwani	21 14	20 09	...	–	...	..		–	–	22 03	23 05	..	–	..	...	21 03	–	–	–	–	–	–	–	–	–	–
Karachi	25 13	26 11	28 07	–	...	–	–	–	–	27 06	28 10	–	–	–	–	26 16	27 15	29 14	–	–	–	–	–	–	–	–
Khanpur	25 06	21 09	19 09	08 04	08 07	05 10	05 10	06 22	09 13	23 17	25 20	29 16	25 04	18 06	18 05	–	–	–	–	–	–	–	–	–	–	–
Lahore	02 02	02 03	34 03	25 07	30 08	33 01	28 03	23 05	21 11	17 12	19 15	22 12	29 04	05 04	05 02	10 09	14 06	22 08	29 04	24 08	01 08	33 07	–	–	–	–
Multan	22 07	21 07	20 06	18 04	13 04	02 06	05 07	05 13	07 14	22 14	23 14	23 12	17 13	21 17	16 13	–	–	–	..	–	–	...	...	–	–	–
Muscat	–	–	–	–	–	–	–	...	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Panjgur	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Peshawar	–	03 10	08 09	14 08	20 10	29 05	24 10	32 03	32 15	..	33 09	35 02	21 10	27 04	12 03	–	–	–	–	05 10	02 04	08 06	05 04	04 12	17 10	16 08
Quetta	–	..	–	–	28 07	28 03	08 10	11 07	13 10	..	–	–	–	10 03	32 08	–	–	–	–	–	–	–	–	–	–	...
Sharjah	–	–	–	–	–	–	–	–	–	...	–	–	–	...	–	–	–	–	–	–	–	–	–	–	–	–
Sylhet	20 10	21 15	23 15	23 12	–	–	–	–	–	19 10	19 06	19 06	–	...	–	17 03	19 03	19 04	20 04	18 06	16 07	12 01	03 16	03 18	–	–
Veraval	...	–	–	–	–	–	–	–	...	–	–	–	–	–	–	...	–	..	–	–	–	–	–	–	–	–

* The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	–																	
Dacca	16 15	20 10	22 09	21 03	22 02	01 06	12 12	08 29	10 16	09 10	15 07	20 03	33 15	–	–	–	–	..
Karachi	27 16	27 17	34 15	02 08	05 10	06 11	05 15	05 15	05 10	11 11	10 08	07 13	06 20	–	–	–	–	..
Peshawar	–	32 15	10 08	16 13	30 09	15 03	32 16	30 09	25 08	24 14	21 12	30 10	.	–	–	–	–	..
Quetta	–																	

*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

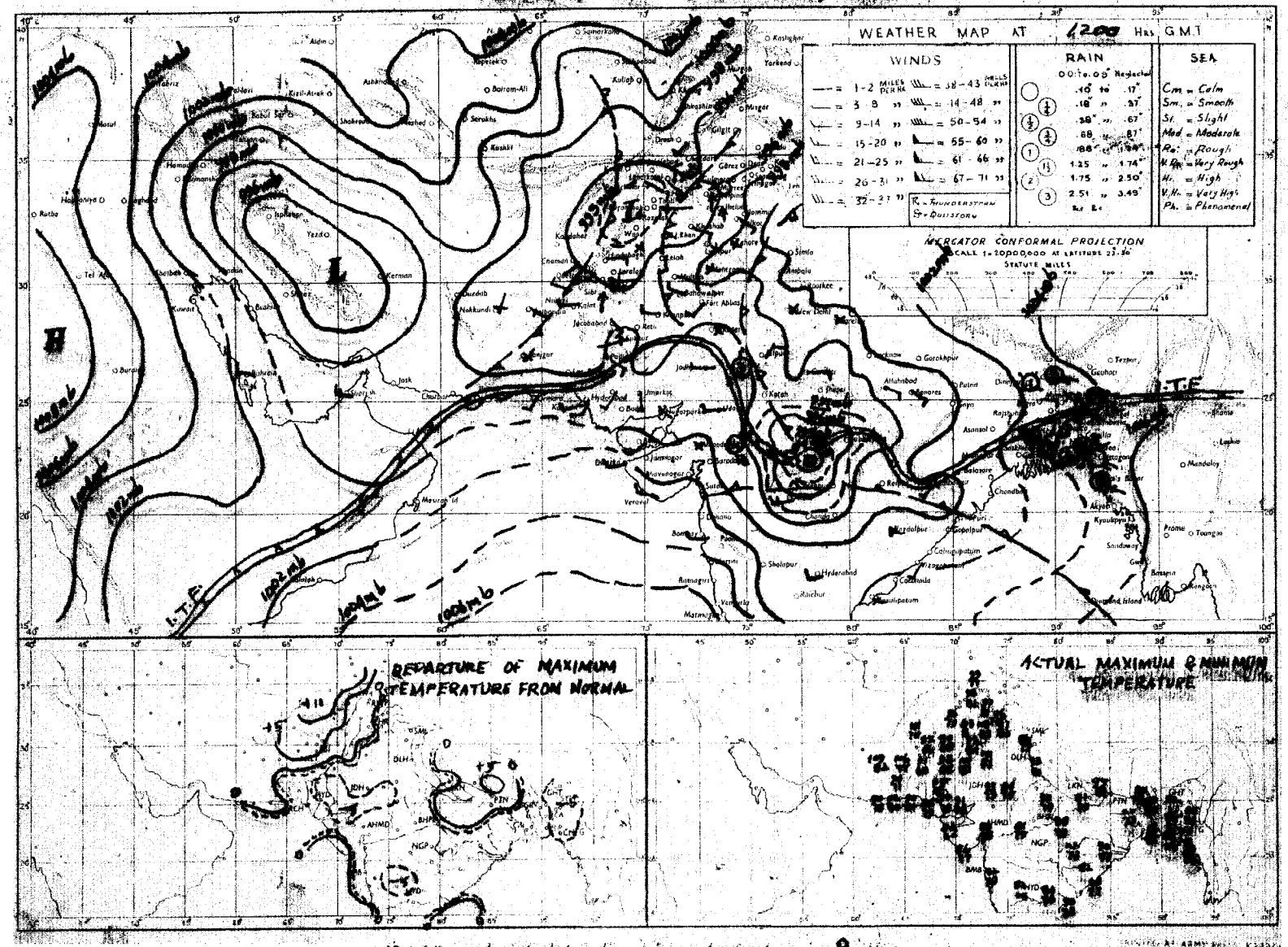
Cloud observation Data (GGiii Cdd V,V, etc.)

05 715 10 510

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

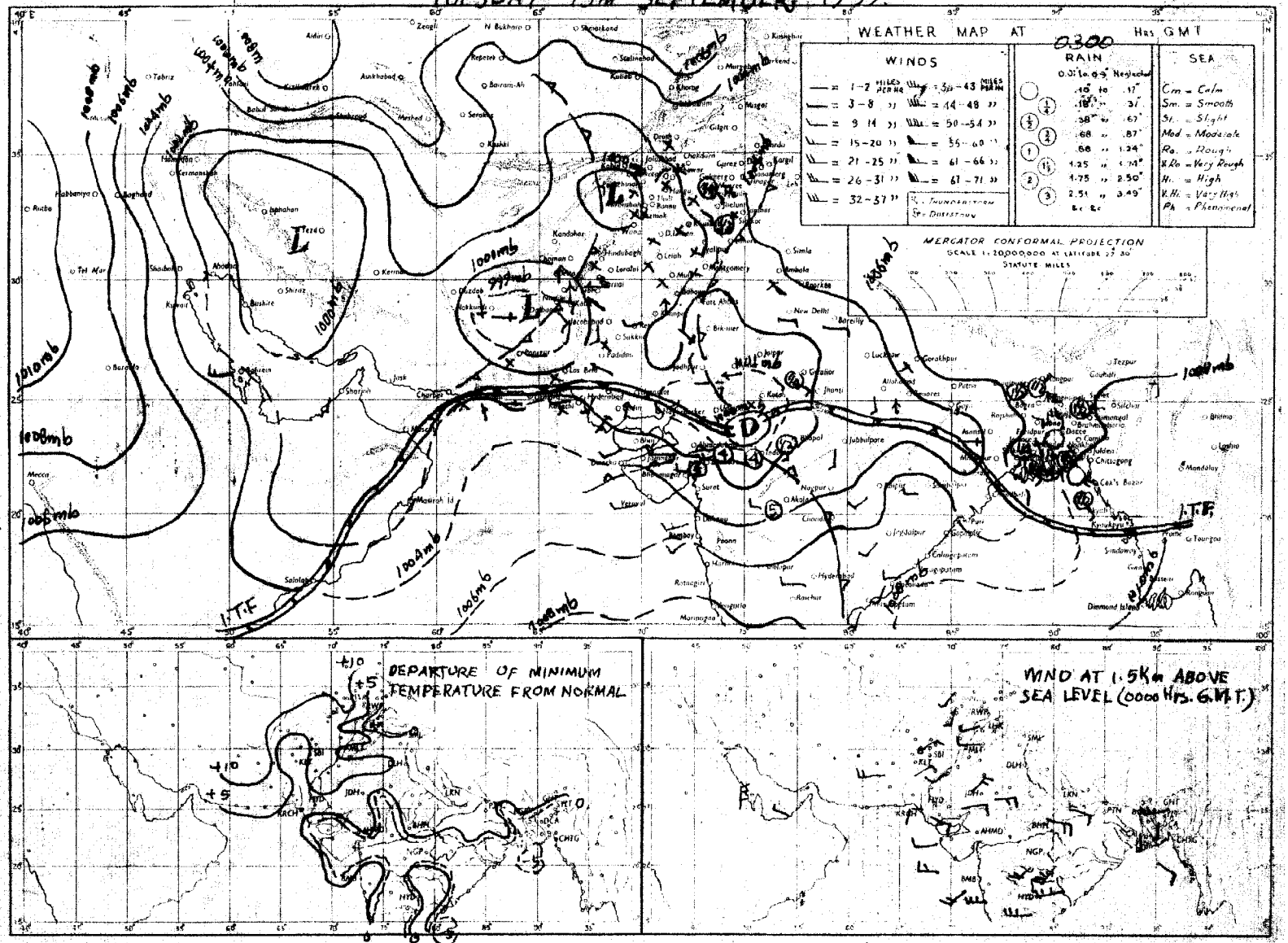
MONDAY 14th SEPTEMBER, 1953



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

TUESDAY 15th SEPTEMBER 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 16th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's depression weakened into a shallow depression last evening, moved westnorthwestwards, and now lies with its centre at 16,0300 G.M.T. about 40 miles to the north of Chhor. It is likely to move in a westerly direction.

The low pressure over Afghanistan is moving across Peshawar and D. I. Khan divisions.

They have caused fairly widespread rain/thundershowers in Peshawar division, local thunderstorm/showers in Rawalpindi, D. I. Khan, Quetta and Hyderabad divisions and the Federal Capital Area and scattered in Bahawalpur, south Kalat and Khairpur divisions.

Conditions continue unsettled in northwest and adjoining central Bay of Bengal.

Rainfall has been scattered in East Pakistan.

Chief amounts of rainfall are:- Mithi 6"; Chakdara 2"; Peshawar, Cherat and Badin 1¼" each; Haripur, Campbellpur and Fort Sandeman 1" each; Cox's Bazar, Murree and Kalat ½" each; and Narayanganj, Satkhira and Dinajpur 1/4" each.

Day temperatures were:- 9—13°F below normal in Lahore and lower Rajshahi divisions, 3—5 °F so in Chittagong and Hyderabad divisions and 5—6°F above normal in north Kalat division.

Forecast valid until the evening of 17th September, 1959. Fairly widespread rain/thundershowers will occur in Peshawar, Rawalpindi, Khairpur and Hyderabad divisions and the Federal Capital Area and Kashmir, local in Lahore, Multan, Bahawalpur and Quetta divisions and scattered in D. I. Khan and south Kalat divisions and in East Pakistan.

Heavy Rainfall Warning :- Locally moderate to heavy rain will fall in Hyderabad and Khairpur divisions and the Federal Capital Area during the next 24 hours.

Karachi-11
The 16th September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions	Stations	Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)* PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	023	6	7	20	03	96	03	6	055	78	4	4	6	2	0	75	83
	Chittagong	001	5	8	18	02	97	02	6	055	80	6	4	5	2	x	75	94
	Maijdee Court	000	9	6	18	05	96	02	2	048	81	4	5	6	6	0	77	84
	Comilla	000	0	4	00	00	95	03	2	047	81	4	2	6	0	0	76	86
	Brahmanbaria	000	0	4	27	02	97	02	1	042	82	3	4	5	3	0	76	88
	Sylhet	...	...		...	...	...					...	...	...	...	...	...	...
	Srimangal	015	6	5	00	00	96	03	9	044	81	5	3	5	0	0	77	86
Dacca	Mymensingh	000	0	2	00	00	98	01	1	041	75	2	2	4	0	0	78	88
	Narayanganj	000	9	8	16	03	95	03	2	046	81	3	4	4	7	8	75	87
	Dacca (Tezgaon)	000	9	7	18	05	98	02	2	038	81	5	8	4	0	4	77	86
	Faridpur	000	8	6	16	02	96	01	2	040	82	6	4	7	0	0	75	85
	Barisal	000	0	6	09	02	96	03	2	038	73	6	7	5	0	0	79	79
Rajshahi	Khulna	000	0	6	18	03	96	02	2	044	79	6	5	6	0	0	77	80
	Satkhira	000	0	4	80	00	96	02	1	033	84	4	5	7	0	0	78	85
	Jessore	001	7	6	18	02	96	02	6	034	83	4	4	5	6	0	78	85
	Sirajganj	000	0	1	18	02	98	01	1	021	82	1	1	4	0	0	76	87
	Bogra	006	6	5	18	02	96	01	6	031	85	5	4	6	0	0	77	88
	Dinajpur	000	8	6	00	00	96	02	2	032	86	6	4	7	0	0	79	89
	Rangpur	000	0	6	08	02	96	01	2	xxx	86	6	5	6	0	0	79	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	3	5	36	07	97	01	6	009	84	1	0	9	3	0	76	84
	Sialkot	000	2	1	05	02	98	01	2	029	83	2	4	6	3	0	74	83
Rawalpindi	Jhelum	000	9	5	13	02	97	03	2	015	84	2	9	6	0	3	71	89
	Rawalpindi	000	0	7	3.	02	98	17	2	015	87	4	3	6	9	0	80	92
	Khushab	000	0	2	09	02	99	01	1	005	95	0	0	9	0	2	79	96
Multan	Lyallpur	000	0	4	07	02	96	01	1	996	91	0	0	9	0	3	79	92
	Montgomery	000	0	0	0.	00	96	00	0	993	95	0	0	9	0	0	77	00
	Multan	000	0	3	09	02	97	03	0	979	01	3	2	6	0	0	74	03
Bahawalpur	Leiah	000	0	4	18	02	96	05	2	987	99	0	0	9	0	6	73	05
	Khanpur	000	0	0	31	04	96	02	0	978	01	0	0	9	0	0	77	04
	Bahawalpur	000	0	7	09	02	97	03	0	985	96	7	0	8	3	0	85	02
	Fort Abbas	000	0	4	07	05	98	03	0	979	98	4	0	8	3	0	79	03
Peshawar	Chakdara	180	3	7	00	00	97	03	6	984	81	7	0	8	6	0	74	91
	Peshawar	000	5	7	05	07	96	17	9	984	90	6	1	6	2	0	77	96
	Haripur	...							...	...		...		...	...	...	...	...
	Campbellpur	000	1	8	13	14	97	17	1	014	92	8	3	7	x	x	75	93
D. I. Khan	Bannu	000	0	3	13	01	97	02	0	981	98	3	2	6	0	0	83	99
	D. I. Khan	000	0	2	18	02	96	03	0	967	xx	0	0	9	0	2	81	02
Quetta	Sibi	000	2	2	23	02	98	03	0	971	04	3	2	5	0	0	70	05
Kalat	Nokkundi	000	0	C	29	02	97	02	0	935	07	0	0	9	0	0	44	09
	Turbat	000	0	3	23	02	96	02	0	995	96	3	0	9	6	0	93	98
	Jiwani	000	0	6	20	12	96	03	1	004	86	4	6	4	0	1	77	91
	Pasni	000	0	2	23	10	97	02	0	997	89	0	0	9	0	8	81	91
	Ormara	000	0	7	27	09	98	02	1	993	88	7	2	7	0	0	80	90
	Las Bela	030	0	0	00	00	98	00	0	999	95	0	0	9	0	0	77	98
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	7	25	12	97	03	2	007	85	7	0	9	7	0	78	87
	Karachi (Air Port)	000	0	7	23	.9	96	01	2	008	83	3	5	5	3	0	77	86
	Badin	000	3	8	23	02	96	03	2	818	88	8	9	7	x	x	77	90
	Nagarparkar	000	0	6	18	03	97	02	1	942	87	6	7	7	0	0	65	89
	Umarkot	000	0	8	27	02	98	02	2	985	89	4	1	6	6	8	79	93
	Hyderabad	000	0	8	23	05	97	02	2	993	89	2	8	6	2	1	78	92
Khairpur	Pad-i-dan	000	0	6	31	02	98	03	0	984	94	0	0	9	0	8	79	95
	Nawabshah	000	0	7	00	00	97	02	2	994	93	1	2	6	2	0	77	94
	Sukkur	000	8	4	00	00	96	03	0	973	98	4	0	9	9	[illegible]	78	00
	Kashmore	000	0	0	00	00	99	00	0	972	89	0	0	9	0	0	77	00
	Jacobabad	000	0	2	18	03	96	02	0	980	99	1	9	6	0	8	80	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	040	7	8	09	05	96	03	9	459	64	8	9	3	x	x	61	70
Peshawar	Drosh	000	5	4	23	07	97	01	2	414	89	7	5	6	0	0	57	96
	Cherat	000	6	5	16	09	97	03	6	451	78	5	2	6	0	0	75	83
	Kakul	049	6	8	20	05	95	62	6	435	69	8	7	5	x	x	67	81
	Landi Kotal	000	0	7	16	03	98	17	4	433	84	7	3	5	0	0	75	87
D.I. Khan	Parachinar	090	3	8	09	01	99	02	6	796	63	2	1	7	9	x	57	xx
	Miranshah	000	0	4	05	02	99	02	1	442	93	2	1	8	2	0	67	96
	Wana	000	0	0	13	03	99	00	0	434	86	0	0	9	0	0	63	91
	Fort Sandeman	007	1	7	02	03	97	03	6	436	xx	7	5	6	0	0	71	93
Quetta	Hindubagh	000	3	7	11	03	94	03	0	381	82	6	0	9	5	4	53	82
	Loralai	000	1	5	13	06	96	17	1	415	87	3	3	6	3	0	68	91
	Harnai	000	5	6	09	02	98	04	2	xxx	xx	5	3	7	0	2	xx	xx
	Quetta	000	0	4	05	06	97	03	0	393	88	2	9	7	3	3	63	94
	Chaman	000	0	0	27	02	98	02	0	498	98	0	0	9	0	0	69	01
Kalat	Kalat	003	2	3	00	00	97	01	0	421	82	3	7	7	0	0	59	90
	Nushki	000	0	0	31	09	98	02	0	481	04	0	0	9	0	0	70	05
	Dalbandin	000	0	0	13	02	94	05	0	423	03	0	0	9	0	0	35	06
	Panjgur	000	0	2	23	05	98	03	0	438	91	2	0	9	2	0	62	92
Afghanistan	Kabul	000	0	5	05	03	97	29	2	474	83	5	3	7	0	0	61	91
	Kandahar																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Stations	Rainfall in Cents RRR	Past weather commenced at † Wc	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level Pressure (mbs. and tenths)* PPP	Dry Bulb temperature TT	Amount of Lowest Cloud † Nh	Low Cloud Form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form† CH	Dewpoint temperature °F. TdTd	Minimum Temperature °F TnTn	Departure from Normal of Maximum Temperature TxTx	Departure from Normal of Minimum Temperature TnTn	Rainfall Since 1st June 1959 to date	Rainfall Departure from normal	Rainfall Since 1st January 1959 to date	Annual normal
2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Cox's Bazar	057	9	5	16	03	97	03	6	086	81	4	0	7	4	2	75	74	— 4	— 2	108.6	+ 5.3	124.4	140
Chittagong	001	0	4	16	09	97	01	1	090	82	3	2	6	1	0	75	75	— 3	— 2	89.1	+16.7	113.1	108
Maijdee Court	000	9	3	18	02	97	02	0	083	83	2	2	6	7	0	77	77	— 2	— 1	94.5	+17.1	126.3	115
Comilla	000	0	0	00	00	98	00	0	081	85	0	0	9	0	0	76	76	— 3	— 1	59.6	+ 1.2	85.5	94
Brahmanbaria	000	0	4	13	05	97	03	0	082	81	4	4	5	0	0	76	76	—	—	42.6	— 1.3	58.6	76
Sylhet	000	0	8	00	00	96	03	2	084	81	7	4	5	7	x	76	77	—	—	124.3	—	162.3	—
Srimangal	015	0	2	13	02	97	03	6	084	84	2	8	7	0	0	75	73	— 5	— 2	60.2	+ 6.0	72.3	98
Mymensingh	000	0	6	00	00	98	02	1	082	81	6	4	5	0	0	77	76	0	— 2	65.1	—	87.2	91
Narayanganj	024	5	7	16	03	96	03	6	080	81	7	4	4	0	0	77	76	— 2	— 3	52.7	+18.3	74.0	74
Dacca (Tezgaon)	008	5	6	18	06	97	01	6	073	81	5	4	4	0	1	77	76	—	—	54.2		49.6	—
Faridpur	006	9	5	18	02	96	03	5	093	83	5	5	7	0	0	79	75	— 3	— 3	56.3	+13.3	84.7	71
Barisal	000	0	6	13	02	97	03	1	085	78	6	7	6	0	0	77	77	— 9	— 1	93.3	+42.7	108.2	81
Khulna	000	0	8	00	00	95	02	2	081	80	8	5	6	x	x	78	76	— 8	— 1	58.5	+13.4	79.4	68
Satkhira	027	0	6	00	00	95	03	6	053	80	6	6	7	0	0	77	77	— 4	0	45.2	+ 3.1	63.3	65
Jessore	001	0	8	18	03	96	03	2	071	81	8	4	5	x	x	80	77	—	—	41.3	+ 5.2	95.5	65
Sirajganj	000	0	8	18	02	98	02	2	066	81	8	1	5	x	x	75	76	0	— 2	57.9	+17.1	82.8	64
Bogra	006	9	6	09	03	96	02	2	076	83	5	5	4	0	1	77	77	— 1	1	52.1	+ 7.0	71.2	69
Dinajpur	018	3	7	00	00	96	02	2	056	81	7	4	7	0	0	77	78	0	0	30.7	—19.6	48.0	72
Rangpur	000	0	6	13	02	96	03	1	xxx	80	6	5	6	0	0	76	77	0	0	49.5	— 7.2	68.4	84
Jammu																							—
Lahore (Jail Rd.)	000	9	2	00	00	96	01	1	054	83	0	0	9	0	2	73	75	—14	+ 3	21.4	+ 7.4	23.2	19
Sialkot	000	0	1	00	00	98	01	0	049	81	0	0	9	0	6	75	72	—13	— 2	45.3	+22.9	50.7	32
Jhelum	000	9	2	05	02	98	01	2	050	82	2	0	9	3	0	75	77	—	—	34.7	—	45.0	—
Rawalpindi	000	0	6	02	02	99	02	1	058	83	4	4	8	1	8	70	76	— 2	+ 7	33.0	+11.5	46.1	36
Khushab	000	0	7	09	02	99	03	1	059	84	7	3	6	0	0	75	78	— 4	+ 2	14.1	+ 4.4	19.5	15
Lyallpur	000	0	0	00	00	96	00	0	048	82	0	0	9	0	0	75	78	— 6	+ 4	14.0	+ 5.1	16.8	12
Montgomery	000	0	0	00	00	96	00	0	043	83	0	0	9	0	0	74	79	0	+ 4	6.1	— 0.8	8.4	10
Multan	000	0	4	13	03	97	03	0	033	87	1	1	6	3	9	80	87	+ 4	+ 10	5.8	+ 1.1	7.9	7
Leiah	000	0	0	18	03	96	05	0	007	86	0	0	9	0	0	80	80	—	—	4.6	—	6.5	8
Khanpur	000	0	0	11	03	96	02	0	012	90	0	0	9	0	0	79	84	+ 3	+ 9	0.5	— 4.3	1.3	6
Bahawalpur	000	0	0	00	00	97	00	0	032	88	0	C	9	0	0	76	84	+ 2	+ 10	5.4	+ 1.2	6.4	6
Fort Abbas	000	0	0	11	03	98	00	0	056	88	0	0	9	0	0	79	81	—	—	8.1	—	8.4	4
Chakdara	180	0	8	00	08	97	03	6	040	74	8	0	8	6	x	70	72	—	—	9.9	—	24.5	—
Peshawar	175	9	7	23	02	97	02	9	064	76	4	5	6	3	0	73	73	0	+ 2	8.0	+ 2.9	21.8	14
Haripur	096	4	7	23	02	97	03	6	042	84	7	6	6	0	0	76	70		—	17.0	—	38.8	—
Campbellpur	120	0	8	18	02	97	02	9	063	78	8	5	7	x	x	75	69	—	—	19.2	—	33.3	—
Bannu	000	2	8	00	00	98	02	9	038	80	8	5	6	x	x	64	80	—	—	10.9	—	17.8	11
D. I. Khan	000	3	6	05	02	98	02	1	042	84	6	0	9	6	0	76	79	+ 1	+ 4	10.1	+ 4.9	13.9	10
Sibi	000	0	0	03	00	99	00	0	012	87	0	0	9	0	0	71	86	—	—	3.2	—	4.0	5
Nokkundi	000	0	0	23	02	98	02	0	010	81	0	0	9	0	0	42	79	—	—	0	—	1.1	2
Turbat	000	0	3	13	02	95	03	2	024	84	3	0	9	6	0	78	xx	—	—	2.3	—	6.7	—
Jiwani	000	0	7	23	05	96	02	2	034	83	4	6	4	3	0	76	83	—	—	0.2	—	5.8	4
Pasni	000	0	6	20	02	97	02	0	034	83	6	5	7	0	0	77	79	+ 1	+ 6	0.2	— 0.7	2.2	6
Ormara	000	0	5	27	05	98	02	1	030	84	5	2	6	0	0	79	81	—	—	0.2	— 0.6	2.7	6
Las Bela	..	...		...	..	..	..	...	...	..	..	...	...	..		..	..	—					8
Karachi (Manora)	000	0	8	25	16	96	03	2	038	79	8	0	9	2	x	74	74	+ 2	— 3	15.0	+ 9.1	15.0	8
Karachi (Air Port)	000	0	8	23	05	96	51	2	039	81	5	5	5	2	x	77	80	—	—	18.2	—	18.5	—
Badin	145	5	8	23	05	94	82	6	021	80	8	9	7	x	x	79	77	— 5	+ 1	9.9	+ 2.7	9.9	9
Nagarparkar	...							...	...	...					...		...	—					—
Umarkot	000	0	8	27	03	98	02	2	006	81	8	5	6	x	x	79	78	—	—	17.4	—	18.1	—
Hyderabad	007	6	6	27	05	97	02	6	019	82	3	5	6	2	x	78	80	— 5	+ 4	14.3	+ 8.5	15.0	7
Pad-i-dan	000	9	7	36	05	97	03	2	011	85	2	3	6	1	8	79	80	—	—	7.2	—	7.5	—
Nawabshah	000	0	6	00	00	96	03	9	022	85	2	1	6	2	0	81	85	—	—	6.2	—	6.9	—
Sukkur	000	9	6	20	02	96	03	1	009	90	6	0	9	9	0	79	81	—	—	3.5	—	4.8	4
Kashmore	000	0	4	05	02	99	02	1	022	81	4	1	6	0	0	75	86	—	—	2.0	—	2.1	—
Jacobabad	000	0	7	36	02	97	03	1	018	89	1	0	9	3	7	82	87	— 2	+ 11	3.8	+ 1.6	4.3	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																							—
Gilgit																							5
Murree	050	2	7	23	02	97	02	6	492	63	2	5	2	5	0	60	60	0	+ 4	45.8	+12.2	71.1	59
Drosh	000	9	4	00	00	97	01	2	470	77	3	8	6	5	0	63	75	+ 7	+ 11	1.3	—	30.4	18
Cherat	150	0	8	18	01	98	03	6	478	70	8	6	6	x	x	68	64	— 2	— 1	17.6	+ 6.1	27.6	29
Kakul	065	9	7	09	03	97	03	6	482	70	7	8	7	u	0	68	67	—	—	46.8	—	51.5	—
Landi Kotal	000	0	6	05	02	98	03	1	473	71	4	6	5	6	9	67	xx	—	—	2.5	—	17.5	—
Parachinar	015	0	1	00	00	99	02	6	797	64	0	0	9	0	1	59	xx	—	—	1?.1	—	26.0	29
Miranshah	000	0	4	00	00	99	02	0	453	76	2	2	7	2	0	70	74	—	—	2.7	— 1.6	5.7	13
Wana	000	0	2	18	02	99	10	1	463	76	2	0	9	6	0	69	72	—	—	5.1		14.1	—
Fort Sandeman	120	0	1	00	00	98	01	6	477	79	1	0	8	3	0	65	72	— 1	+ 8	7.1	+ 2.6	15.9	11
Hindubagh	009	0	0	23	02	98	02	6	429	66	0	0	9	0	0	53	66	—	—	4.6	—	12.6	—
Loralai	017	0	2	36	02	96	01	6	401	71	0	0	9	0	1	62	63	—	—	7.1	—	13.0	—
Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	—	13.7	14
Quetta	000	0	1	13	01	96	02	1	444	74	1	0	8	1	0	65	67	—	—	4.5	+ 3.5	10.1	8
Chaman	030	0	0	09	02	98	02	0	446	83	0	0	9	0	0	61	70	+ 9	+ 8	0.1	0	6.2	7
Kalat	000	0	2	00	02	97	02	0	457	70	2	0	9	3	0	59	59	+ 6	+ 12	4.3	+ 3.2	9.0	9
Nushki	000	9	3	13	02	98	01	0	466	85	0	0	9	0	1	65	79	—	—	0.9	—	2.7	—
Dalbandin	000	9	6	00	00	95	05	1	447	84	6	0	9	4	0	63	83	+ 5	+ 1	0.2	— 0.1	2.2	5
Panjgur	016	2	6	00	00	98	03	6	455	75	6	0	9	6	0	69	72	— 4	+ 9	2.4	—	4.0	4
Kabul	000	0	2	18	02	99	02	0	514	78	2	2	7	0	0	62	66	—	—	—	—	—	12
Kandahar																							—

Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day

Whenever 999 is given for RRR see the summary above for the actual amounts of rain

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PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 16th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C h_sh_s	O $T_sT_sT_dT_d$	$I_dd_wd_w$ P_wH_w
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Stathmova	32 162	611 00	8 24 18	97 02 2	042 77	86 5 xx	66 60 7	...	0 53 74	1 24 xx
Alsayyada	33 163	724 06	7 24 18	97 02 2	082 83	15 2 10	73 70 1	...	0 01 75	1 32 21
Salamat	33 223	599 06	4 18 16	98 02 1	078 79	17 4 03	86 00 7	...	0 00 75	1 18 22
Astarte	33 196	585 12	9 24 20	93 10 2	020 73	7x 0 xx	54 61 0	...	0 54 72	1 24 34
Salamac	33 250	577 18	0 21 09	98 02 1	021 82	00 9 00	76 22 2	...	0 56 81	1 11 21
Daressa	33 248	653 18	7 25 09	99 02 2	034 84	60 9 71	25 20 8	...	0 02 xx	1 25 21
Yoshomaru	33 168	718 18	4 22 18	97 02 2	076 77	57 2 23	54 10 0	...	0 34 64	
Bintang	33 157	700 18	8 32 18	98 02 2	088 79	73 3 00	36 31 2	...	0 30 75	1 23 31

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT T$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	005 258 242	...	...	420 158 142	...	089 092 022	354 025 575	806 558 999	530 645 999	964 805	230 008	411 160	...
Jiwani ...														
Karachi ...	00 00	008 272 255	019 xxx xxx	...	420 195 999	...	087 120 999	360 048 999	821 538 999	556 622 999	970 755	251 990	433 168	...
Lahore ...	00 00	980 242 228	041 xxx xxx		452 170 082	...	084 082 999	336 510 999	706 625 999	...	...	...	...	...
Multan ...														
Peshawar ...	23 00	963 245 228	...		400 168 168	...	067 112 112	341 048 999	794 508 999	511 642 999	964 755	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT T$_d$T$_d$T$_d$									Max. Height Reached PPPTTT T$_d$T$_d$T$_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 178 162	800 122 102	767 122 088	570 002 578	...	...	...	...	...	570 002 578	...	...
Jiwani ...													
Karachi ...	00 00					...	...	...	...	...	150 168 999	...	...
Lahore ...	00 00	909 205 118	800 152 052	610 000 999	447 695 999		...	...	...	...	447 695 999	...	...
Multan ...													
Peshawar ...	23 00	900 208 208	800 135 135	757 112 112	571 028 999	530 540 999	350 695 999	...	...	...	350 695 999	...	...
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of ° C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	19 09	18 12	18 13	19 09	20 07	...	...	...	...	17 10	...	...	...	...	...	16 07	17 06	17 10	15 12	10 04	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	10 06	12 06	15 03	29 08	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	26 11	26 09	27 06	05 05	...	...	...	...	...	24 13	...	...	...	...	...	08 04	09 05	...	...	...	...	...	...	...	...	...
Chittagong ...	16 10	16 15	16 20	16 21	18 21	...	...	...	...	17 17	17 15	17 13	17 15	17 11	20 10	19 18	16 16	18 15	19 17	...	...	...	...	...	...	...
Cox's Bazar ...	20 13	20 10	23 12	22 09	20 10	21 10	...	...	...	17 15	18 12	19 14	...	...	...	16 12	17 13	18 13	18 14	...	...	...	...	...	...	...
Dacca ...	16 06	xx xx	xx xx	xx xx	15 15	16 11	11 13	...	...	17 12	17 10	17 14	...	...	...	15 07	14 09	14 11	16 08	16 11	15 12	13 10	...	...	...	...
Dalbandin ...	...	...	14 02	08 04	36 06	02 08	10 08	03 08	08 12	...	...	28 16	21 11	24 13	36 09	...	...	19 03	23 10	26 13	33 17	01 42	03 15	06 10	17 09	18 15
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	21 12	...	...	...	...	...	...	...	02 01	03 04	...	...	...	...	...	23 06	21 09	21 10	22 12	21 10	20 10	04 09
Fort Sandeman ...	...	...	...	12 06	07 09	03 12	02 12	...	...	...	...	...	24 03	20 07	04 07	...	...	...	05 01	15 02	02 08	24 05	19 06	19 06	...	...
Jacobabad ...	15 03	16 05	17 05	14 04	09 09	06 14	01 05	12 15	12 12	35 12	04 13	04 12	07 15	06 12	03 19	09 07	09 11	07 12	06 14	06 13	05 15	07 13	07 10	10 06	...	...
Jessore ...	16 08	17 08	18 10	10 03	...	...	...	...	...	20 04	...	...	...	...	...	23 10	22 10	22 14	...	...	...	...	...	...	...	...
Jhelum ...	11 06	11 07	11 07	17 02	01 01	33 05	36 04	32 14	30 10	09 10	13 10	17 07	24 04	30 06	47 96	27 01	31 01	31 02	32 02	32 03	33 01	21 12	22 10	...	...	...
Jiwani ...	20 14	18 10	11 07	34 05	...	...	...	...	...	22 08	22 03	...	...	...	...	20 09	18 06	...	...	...	...	...	...	...	...	...
Karachi ...	25 10	27 11	...	...	...	...	...	...	...	26 17	...	...	...	...	...	26 24	...	...	...	...	...	...	...	...	...	...
Khanpur ...	33 02	35 02	36 01	36 01	05 05	07 03	...	...	...	10 11	11 15	12 16	13 20	14 24	...	10 08	09 10	10 13	08 18	06 27	07 29	07 30	08 30	...	...	...
Lahore ...	09 06	12 03	12 05	08 07	35 07	01 03	36 06	35 07	32 06	11 13	14 13	17 11	07 05	07 09	05 15	07 04	11 06	13 05	21 04	03 04	04 05	28 03	27 07	27 06	23 06	29 05
Multan ...	12 02	12 03	13 04	12 05	...	...	...	...	...	13 19	15 15	15 08	03 07	06 11	05 10	10 03	11 07	09 07	07 10	08 09	09 06	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	05 06	06 08	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	09 03	30 03	...	...	...	...	...	...	...	13 02	24 04	...	...	...	...	21 02	07 03	21 04	09 04	19 06	21 07	24 04
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	26 04	24 03	20 02	20 09	20 11	20 12	...	...	...	19 07	...	...	...	...	...	30 02	23 04	21 08	21 11	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	16 12	17 09	18 18	15 10	16 07	12 06	10 06	12 13	01 11	13 08	07 08	05 13	06 13	04 17	03 17	...	...	...
Karachi ...	26 22	27 23	29 19	32 09	04 13	04 21	05 25	05 22	05 28	08 45	08 25	12 22	11 24	09 34	09 39	07 51	...	...
Peshawar ...	...	01 04	09 09	21 12	24 07	24 10	32 12	36 13	29 10	35 08	21 10	25 17	25 13	23 13		...	...	...
Quetta ...																		

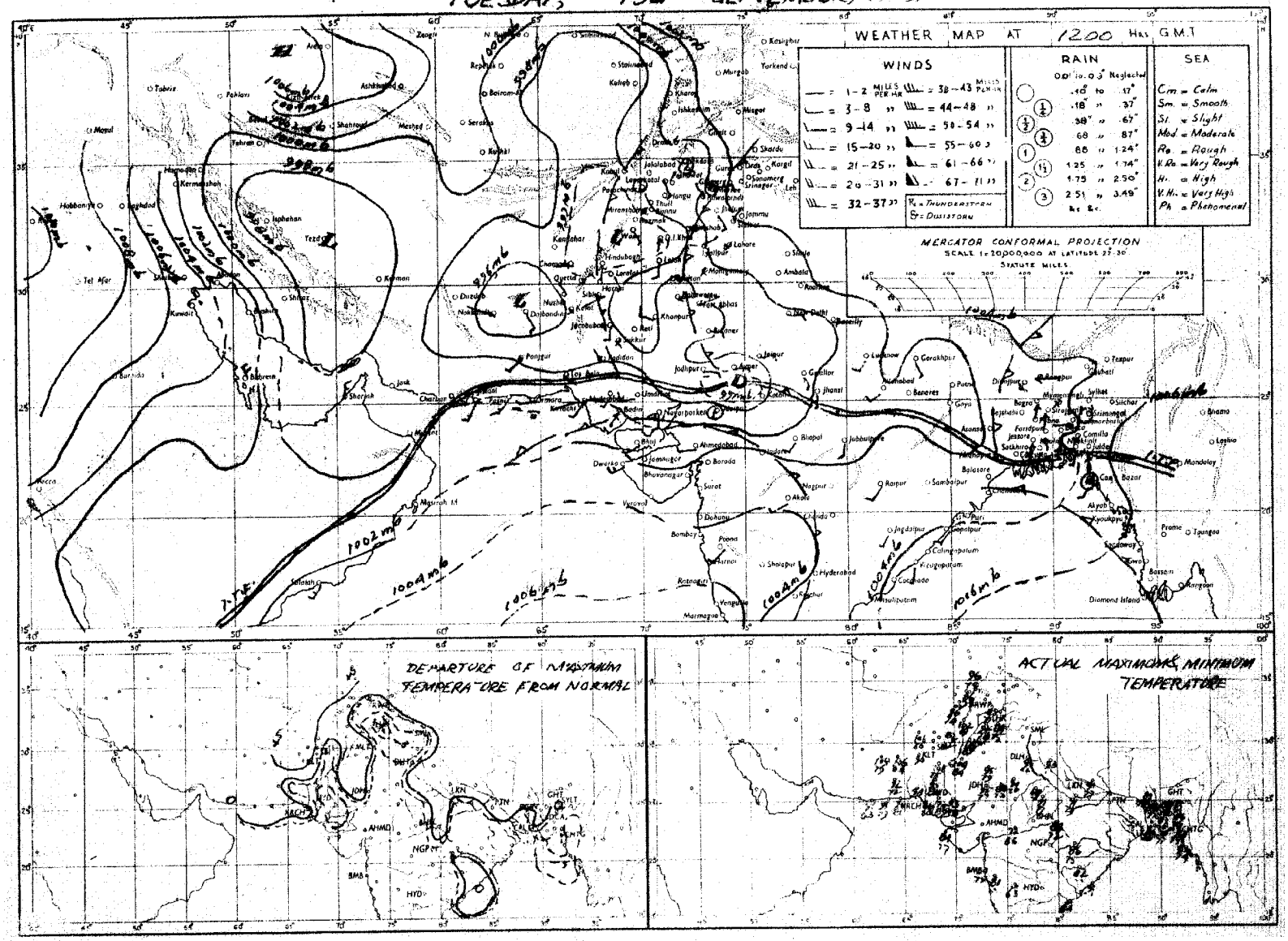
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii 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

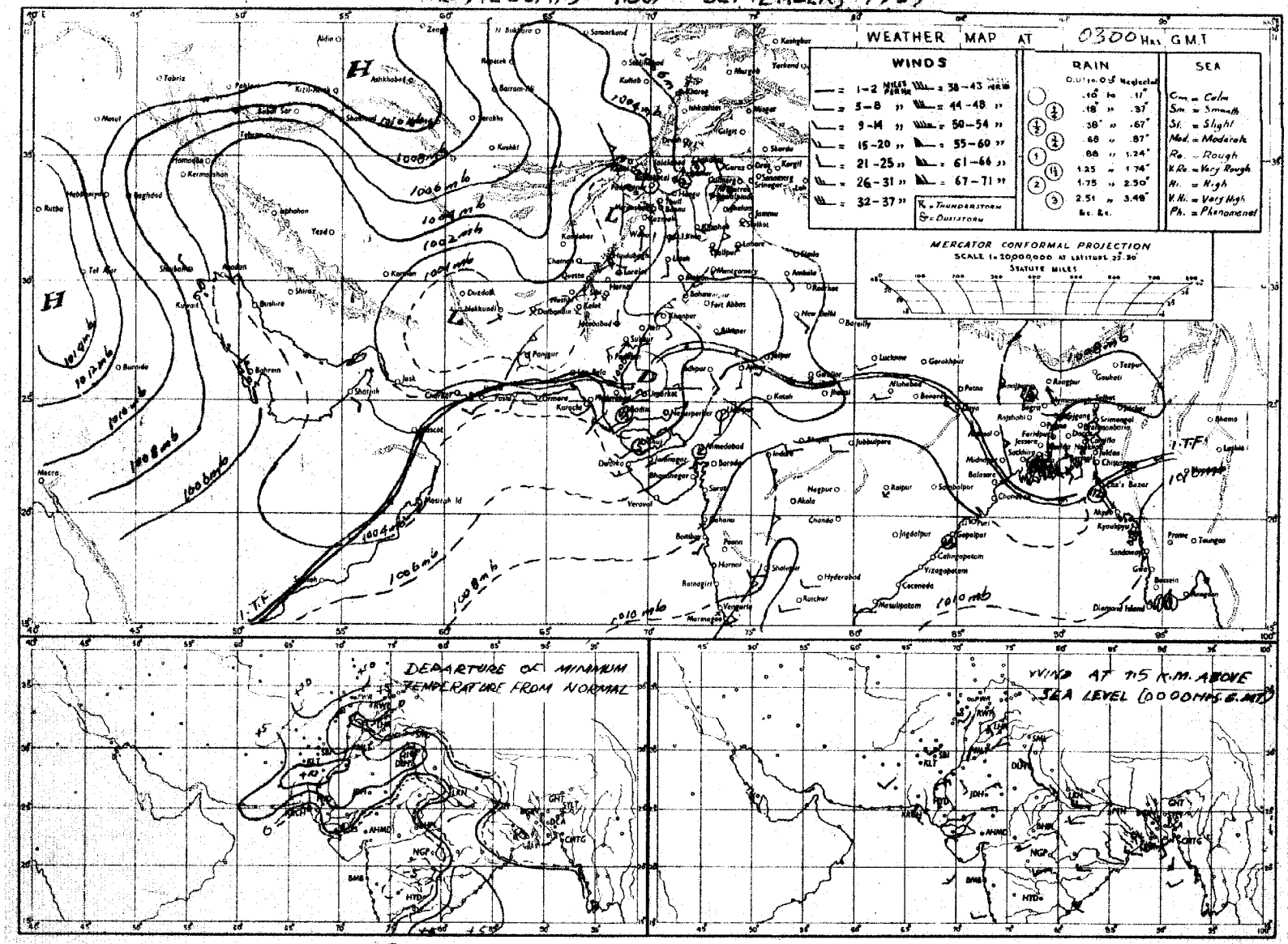
TUESDAY, 15th SEPTEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 16th SEPTEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

THURSDAY THE 17th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's shallow depression moved northwestwards last evening and has now weakened into a trough of low lying over Hyderabad and adjoining Khairpur divisions.

It is likely to merge in the seasonal low over Kalat division.

The low pressure wave is now moving across Rawalpindi division.

Widespread rain/thundershowers with a few heavy falls have occurred in Hyderabad division and the Federal Capital Area, local in Khairpur, south Kalat and Rawalpindi divisions and scattered in north Kalat, Quetta, Peshawar, Bahawalpur and Multan divisions.

Conditions continue unsettled northwest and adjoining central Bay of Bengal.

Scattered rain/thundershowers have occurred in Chittagong and Dacca divisions.

Chief amounts of rainfall are:- Karachi (Air Port) 4". Campbellpur, Mithi 2" each; Umarkot, Badin, Karachi (Manora) 1½" each; Kalat, Nagarparkar, Kakul 1" each, Murree, Pasni, Ormara ½" each and Faridpur, Hyderabad, Nawabshah ¼" each.

Day temperatures were:- 5—8°F below normal in Hyderabad division and the Federal Capital Area and 3—4 °F so in D. I. Khan, Peshawar and Rawalpindi divisions.

Forecast valid until the evening of 18th September, 1959. Fairly widespread rain/thundershowers will occur in south Kalat, Hyderabad divisions and the Federal Capital Area, local in Chittagong, Dacca, Khairpur and north Kalat divisions and scattered elsewhere over the country.

Karachi-11
The 17th September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 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)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	6	20	05	97	02	2	055	81	5	2	5	1	0	76	86
	Chittagong																	
	Maijdee Court																	
	Comilla	000	0	3	00	00	95	03	0	xxx	83	3	4	7	0	0	77	87
	Brahmanbaria	001	3	3	00	00	97	03	9	048	83	3	3	5	0	0	79	88
	Sylhet	000	6	3	00	00	96	01	6	042	xx	1	1	6	7	0	75	85
	Srimangal	000	0	8	00	00	96	03	1	048	82	7	2	4	2	x	72	90
Dacca	Mymensingh	005	0	4	13	02	98	02	1	044	84	4	4	6	0	0	77	87
	Narayanganj	005	1	6	16	02	96	03	6	038	81	4	4	8	9	8	77	88
	Dacca (Tezgaon)	008	5	7	12	05	97	02	6	034	80	4	3	5	4	0	76	86
	Faridpur	026	4	8	16	02	87	02	6	035	81	5	4	7	1	0	80	86
	Barisal	005	4	2	00	00	96	03	5	052	83	2	0	5	4	0	77	85
Rajshahi	Khulna	000	0	0	00	00	97	02	0	042	82	0	0	9	0	0	79	86
	Satkhira	000	0	4	00	00	95	03	2	041	84	4	3	8	0	0	78	86
	Jessore	004	8	6	18	03	96	02	6	051	83	4	4	5	6	0	[illegible]	85
	Sirajganj	000	0	4	00	00	98	03	7	022	84	4	1	5	0	0	78	87
	Bogra																	
	Dinajpur	000	8	4	00	00	96	02	2	027	85	4	0	9	2	0	79	88
	Rangpur	—	—	—	—	—	—	—		—		—	—	—	—	—		—
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	2	00	00	96	02	1	017	93	1	1	7	0	4	75	96
	Sialkot	000	0	2	00	00	98	01	0	014	93	0	0	9	0	9	81	94
Rawalpindi	Jhelum	000	1	7	00	00	97	17	9	018	91	4	9	6	7	0	76	95
	Rawalpindi	000	0	3	00	00	99	01	1	024	90	3	2	8	0	0	75	91
	Khushab	000	0	4	09	02	99	01	1	020	93	4	2	6	0	0	76	96
Multan	Lyallpur	000	0	5	20	02	96	02	0	017	94	5	0	9	4	0	77	95
	Montgomery	000	0	0	00	00	96	00	0	002	96	0	0	9	0	0	75	98
	Multan	000	0	5	00	00	97	03	0	997	99	2	9	6	0	1	77	00
Bahawalpur	Leiah	000	0	7	00	00	95	17	2	xxx	90	0	5	7	6	0	77	99
	Khanpur	000	0	3	02	05	96	05	0	990	98	3	0	9	3	0	79	01
	Bahawalpur	000	0	9	09	02	97	03	0	001	97	0	0	8	3	0	79	99
	Fort Abbas																	
Peshawar	Chakdara	000	0	1	23	02	98	01	1	992	87	1	1	7	0	2	74	89
	Peshawar	000	0	1	05	03	98	02	1	015	88	1	1	6	1	0	75	92
	Haripur	000	3	3	09	04	97	01	2	961	86	3	5	6	0	0	76	97
	Campbellpur	000	0	2	18	00	98	01	0	038	89	0	0	0	4	0	75	98
D. I. Khan	Bannu	000	0	2	11	01	99	01	1	014	92	2	1	6	0	0	73	92
	D. I. Khan	000	6	4	09	02	98	03	0	005	95	0	0	9	0	4	82	97
Quetta	Sibi	000	2	5	13	02	98	03	1	984	08	2	2	5	0	2	67	09
Kalat	Nokkundi	000	0	0	29	02	98	02	0	942	88	0	0	9	0	0	43	10
	Turbat	000	0	3	27	02	96	03	0	013	99	0	0	9	6	0	95	00
	Jiwani	000	0	6	23	10	96	01	2	022	86	4	6	4	4	0	74	91
	Pasni	000	0	6	23	17	97	00	0	016	88	6	0	9	0	8	81	91
	Ormara	000	0	6	27	12	98	02	1	0.6	67	6	2	5	0	0	79	89
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	091	5	8	25	16	93	52	9	009	78	0	0	9	2	0	78	80
	Karachi (Air Port)	335	9	8	10	10	96	96	9	030	73	4	9	6	2	x	72	82
	Badin	135	9	9	23	02	94	02	6	030	76	0	9	7	0	0	75	77
	Nagarparkar																	
	Umarkot	140	6	8	18	05	98	00	6	005	79	8	5	6	0	0	75	85
	Hyderabad	025	9	8	00	00	97	02	9	006	79	2	5	6	2	0	77	89
Khairpur	Pad-i-dan	005	5	7	13	10	97	03	9	995	94	3	3	6	7	0	78	97
	Nawabshah	052	6	8	23	03	96	02	9	004	81	3	2	6	2	x	79	97
	Sukkur	007	8	7	07	03	96	03	6	992	95	7	0	9	8	0	78	99
	Kashmore	000	0	4	05	05	99	00	0	962	90	4	1	6	0	0	79	00
	Jacobabad	000	0	7	00	00	97	02	2	002	95	3	9	6	0	7	78	03
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	060	2	6	13	02	96	02	9	476	64	6	3	3	0	8	57	65
Peshawar	Drosh	000	1	5	23	14	96	03	2	412	90	2	1	7	5	0	55	96
	Cherat																	
	Kakul	110	2	3	07	05	97	20	6	469	73	2	3	6	0	3	69	83
	Landi Kotal	000	0	1	05	03	99	03	1	442	83	1	1	7	0	0	71	87
D.I. Khan	Parachinar	000	0	4	09	01	99	00		796	79	0	1	9	1	0	68	xx
	Miramshah	000	0	0	05	02	99	00	0	455	86	0	0	9	0	0	70	90
	Wana	000	2	5	11	05	99	50	0	434	84	5	2	8	0	0	66	87
Quetta	Fort Sandeman	000	0	7	07	03	97	03	2	467	83	7	5	6	0	0	67	91
	Hindubagh	000	2	7	09	03	94	03	0	411	83	0	0	9	5	4	53	83
	Loralai	000	0	6	13	03	95	01	0	421	85	3	2	6	0	3	64	88
	Harnai	000	0	0	09	02	98	00	2	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	2	7	27	04	95	03	0	463	74	7	9	3	0	0	64	93
	Chaman	000	0	0	27	02	98	02	2	419	97	0	0	9	0	0	70	97
Kalat	Kalat	003	3	5	00	00	97	01	0	435	72	5	1	7	0	0	60	85
	Nushki	000	0	3	31	09	98	02	6	469	02	0	0	9	0	2	68	05
	Dalbandin	000	0	4	23	03	96	01	0	429	05	1	1	7	0	0	42	07
	Panjgur	000	0	3	00	00	98	03	1	432	92	0	0	9	4	0	59	93
Afghanistan	Kabul	000	0	0	18	02	99	00	1	475	80	0	0	9	0	0	61	87
	Kandahar								0									

At 0300 Hrs. G.M.T. of date

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wc (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	000	6	7	16	03	96	03	6	086	84	3	5	6	2	2	78	77
Chittagong	003	9	8	16	05	97	02	6	089	80	6	2	5	2	1	76	76
Maijdee Court	009	8	4	00	00	97	01	6	088	xx	2	1	6	2	1	77	72
Comilla	000	0	7	18	03	97	03	1	078	81	0	x	x	x	x	77	76
Brahmanbaria	001	0	4	18	02	97	03	1	083	83	4	4	5	0	0	79	78
Sylhet	001	7	5	09	05	96	01	6	083	81	3	8	5	3	0	77	77
Srimangal	000	0	4	13	03	97	03	1	085	82	4	8	5	8	1	76	73
Mymensingh	000	0	6	13	02	98	02	1	081	83	6	4	5	0	0	77	78
Narayanganj	005	9	7	18	03	96	03	2	073	85	4	4	4	0	1	76	xx
Dacca (Tezgaon)	008	9	7	18	05	97	02	1	071	83	6	8	4	0	1	77	77
Faridpur	026	9	2	18	02	97	03	0	xxx	83	2	5	7	0	0	70	76
Barisal	000	2	2	09	01	97	01	0	074	85	0	8	7	0	0	70	77
Khulna	000	0	5	18	03	97	01	2	078	83	5	5	7	0	0	77	77
Satkhira	000	2	6	00	00	95	03	2	110	82	6	4	7	7	0	81	78
Jessore	004	0	8	18	03	97	03	2	073	82	8	4	6	1	1	81	78
Sirajganj	000	0	6	00	00	98	03	2	068	84	6	2	5	0	0	78	78
Bogra	001	0	5	18	02	96	03	2	047	85	3	5	5	7	0	78	79
Dinajpur	000	3	6	00	00	96	02	2	058	81	6	2	9	0	0	79	78
Rangpur	000	0	6	18	0	96	01	2	xxx	83	6	5	6	0	0	[illegible]	80
Jammu																	
Lahore (Jail Rd.)	000	0	0	00	00	96	01	0	048	87	0	0	9	0	0	75	79
Sialkot	000	0	0	00	00	98	00	0	045	85	0	0	9	0	0	78	80
Jhelum	000	9	5	00	00	97	03	9	048	86	2	1	7	1	1	78	80
Rawalpindi	000	0	6	00	00	98	02	2	069	80	4	3	7	9	0	74	75
Khushab	000	0	0	00	00	99	00	0	042	89	0	0	9	0	0	77	82
Lyallpur	003	0	0	00	00	96	00	0	045	83	0	0	9	0	0	77	81
Montgomery	000	0	0	00	00	96	00	0	041	84	0	0	9	0	0	77	81
Multan	000	0	1	13	03	98	02	0	043	85	0	0	9	0	1	79	83
Leiah	—	—	—	—	—	—	—	—									
Khanpur	000	0	0	20	03	96	03	0	013	85	0	0	9	0	0	77	83
Bahawalpur	000	0	4	03	03	97	00	0	054	84	0	9	8	2	0	79	81
Fort Abbas																	
Chakdara	000	0	0	00	00	97	00	1	033	75	0	0	9	0	0	71	73
Peshawar	000	0	7	00	00	96	03	2	045	80	3	3	6	2	0	77	79
Haripur	000	3	7	05	02	96	03	1	041	80	0	5	6	0	8	74	74
Campbellpur	214	2	8	13	05	98	60	4	078	75	8	7	6	0	0	73	75
Bannu	030	0	4	16	01	99	01	0	034	83	4	5	6	0	0	76	80
D. I. Khan	036	0	1	00	00	98	01	1	035	80	0	0	9	0	1	81	82
Sibi	000	9	5	03	00	98	03	1	036	88	0	0	9	3	2	73	86
Nokkundi	000	0	0	11	02	99	02	0	015	86	0	0	9	0	0	43	80
Turbat	000	0	3	18	02	95	03	1	056	81	0	0	9	6	0	76	xx
Jiwani	004	6	8	36	05	99	02	2	057	82	5	6	5	3	0	76	78
Pasni	041	0	6	31	02	97	00	0	049	79	6	0	9	7	0	74	74
Ormara	068	0	7	27	05	98	02	1	040	80	7	2	5	1	0	76	74
Las Bela	—	—	—	—	—	—	—	—									
Karachi (Manora)	149	9	8	00	00	96	03	9	054	79	0	0	9	7	0	76	76
Karachi (Air Port)	400	9	7	00	00	96	01	9	054	77	1	5	5	3	0	76	73
Badin	135	0	0	23	02	96	00	0	064	78	0	0	9	0	0	75	75
Nagarparkar	110	9	6	23	02	97	01	6	985	77	6	6	7	0	0	67	77
Umarkot	140	0	8	18	05	98	00	0	056	77	8	5	6	0	0	75	75
Hyderabad	027	9	8	16	05	97	02	9	053	78	4	6	5	2	0	75	76
Pad-i-dan	005	9	8	13	07	98	03	2	054	78	8	3	4	x	x	74	78
Nawabshah	025	0	8	13	03	96	20	2	060	77	8	5	4	x	x	75	76
Sukkur	007	9	8	20	03	96	03	2	053	82	8	0	9	9	0	76	80
Kashmore	000	0	4	18	03	99	00	0	052	84	4	1	6	0	0	81	82
Jacobabad	000	0	2	13	07	97	02	0	050	85	0	0	9	0	8	79	83
Murree	066	9	8	13	02	96	03	9	491	63	8	5	2	x	x	61	59
Drosh	000	8	5	23	03	97	01	5	469	77	4	2	6	9	0	60	75
Cherat																	
Kakul	110	9	5	00	00	97	03	1	482	74	5	4	6	0	2	69	67
Landi Kotal	008	0	5	00	00	98	03	2	466	75	3	6	5	6	0	71	xx
Parachinar	008	0	3	00	00	99	00	0	797	67	0	0	9	1	0	63	xx
Miramshah	000	0	0	00	00	99	03	0	468	80	0	0	9	0	0	56	74
Wana	000	9	0	00	00	99	00	0	463	74	0	0	9	0	0	58	66
Fort Sandeman	000	0	1	00	00	98	03	0	477	78	1	0	8	7	0	68	73
Hindubagh	000	0	0	00	00	98	00	0	416	70	0	0	9	0	0	53	69
Loralai	000	0	0	00	00	98	00	0	399	72	0	0	9	0	0	67	67
Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	017	9	3	18	03	96	02	6	462	72	2	1	6	3	0	65	67
Chaman	000	0	0	18	01	98	02	0	447	85	0	0	9	0	0	62	71
Kalat	090	0	3	18	05	97	02	1	458	63	3	4	7	0	0	60	59
Nushki	000	0	0	18	09	98	02	0	467	86	0	0	9	0	0	61	80
Dalbandin	000	9	1	00	00	96	03	0	452	78	0	0	9	0	0	43	72
Panjgur	000	0	2	00	00	98	03	1	471	75	0	0	9	2	0	67	74
Kabul	000	0	0	09	02	99	00	0	524	69	0	0	9	0	0	60	63
Kandahar																	

Stations (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	1	+ 1	110.2	+ 6.4	126.0	140
Chittagong	— 4	— 1	89.1	+14.3	121.1	108
Maijdee Court		— 6	94.5	+14.6	126.4	115
Comilla	— 1	— 1	59.5	+ 1.2	85.5	94
Brahmanbaria		—	42.6	— 1.6	58.6	76
Sylhet		—	124.4	—	162.3	—
Srimangal	— 1	— 2	60.2	+ 5.7	72.3	98
Mymensingh	— 1	0	65.1	+ 7.5	87.2	91
Narayanganj	0	— 1	52.7	+ 8.1	74.0	74
Dacca (Tezgaon)		—	54.3	—	69.6	—
Faridpur	— 1	— 2	56.6	+13.2	84.9	71
Barisal	— 3	— 1	93.3	+41.3	108.2	81
Khulna	— 2	0	58.5	+13.2	79.4	60
Satkhira	— 3	+ 1	45.1	+ 2.9	63.3	65
Jessore		—	45.3	+ 2.3	95.5	65
Sirajganj	0	0	57.9	+17.8	82.8	64
Bogra		+ 1	52.1	+ 4.7	71.2	69
Dinajpur	0	0	30.7	—20.1	48.0	72
Rangpur		+ 3	48.5	— 7.7	68.4	84
Jammu						—
Lahore (Jail Rd.)	— 2	+ 7	21.4	+ 7.3	25.2	19
Sialkot	— 1	+ 6	45.3	+22.8	50.7	32
Jhelum		—	34.7	—	45.0	—
Rawalpindi	— 3	+ 6	33.0	+10.4	46.1	36
Khushab	— 3	+ 6	14.1	+ 4.3	19.5	15
Lyallpur	— 3	+ 7	14.0	+ 5.0	16.8	12
Montgomery	— 2	+ 6	6.1	— 0.6	8.4	10
Multan	+ 1	+ 6	5.8	+ 1.1	7.9	7
Leiah						8
Khanpur	0	8	0.5	— 4.3	1.3	6
Bahawalpur	— 1	+ 7	5.4	+ 1.2	6.4	6
Fort Abbas						4
Chakdara		—	9.9	—	24.5	—
Peshawar	— 3	+ 8	8.0	+ 3.9	21.8	14
Haripur		—	17.0	—	27.9	—
Campbellpur		—	21.4	—	35.3	—
Bannu		—	10.9	—	17.8	11
D. I. Khan	— 3	+ 7	10.2	+ 4.9	13.9	10
Sibi		—	3.2	—	4.0	5
Nokkundi		—	0	—	1.1	2
Turbat		—	2.3	—	6.7	—
Jiwani		—	0.2	—	5.8	4
Pasni	+ 2	+ 1	0.6	— 0.3	3.1	6
Ormara		—	0.9	+ 0.1	3.4	6
Las Bela						8
Karachi (Manora)	— 5	— 1	16.5	+10.5	16.5	8
Karachi (Air Port)	—	—	22.2	—	22.5	—
Badin	— 18	— 1	11.2	+ 4.0	11.2	9
Nagarparkar		—	—	—	—	—
Umarkot		—	18.8	—	19.5	—
Hyderabad	— 8	0	14.6	+ 8.7	15.3	7
Pad-i-dan	—	—	7.3	—	7.5	—
Nawabshah	—	—	6.4	—	7.1	—
Sukkur	—	—	3.5	—	4.6	4
Kashmore	—	—	2.0	—	2.1	—
Jacobabad	0	+ 7	3.0	+ 1.6	4.5	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						26
Leh						3
Skardu						6
Misgar						—
Aliabad						—
Gilgit						5
Murree	+ 4	+ 3	46.5	+12.7	71.7	59
Drosh	+ 8	+ 11	1.3	—	20.4	18
Cherat						29
Kakul		—	47.9	—	53.6	—
Landi Kotal		—	2.5	—	17.5	—
Parachinar		—	12.2	—	26.1	29
Miramshah		—	2.7	— 1.6	5.7	13
Wana		—	5.1	—	14.1	—
Fort Sandeman	0	+ 9	7.1	+ 2.1	15.9	11
Hindubagh	—	—	4.6	—	12.6	—
Loralai	—	—	7.1	—	13.0	—
Harnai	—	—	8.4	+ 1.2	12.7	14
Quetta	—	—	4.7	+ 3.7	10.2	8
Chaman	+ 9	+ 9	0.1	— 0.0	8.2	7
Kalat	+ 2	+ 12	5.2	+ 4.1	9.9	9
Nushki	—	—	0.9	—	2.7	—
Dalbandin	+ 8	+ 9	0.2	— 0.1	2.2	5
Panjgur	— 4	+ 11	2.4	—	4.0	4
Kabul	—	—	—	—	—	12
Kandahar						—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitte.

RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M.T. of the same day

Whenever 999 is given for RRR use the summary above for the actual amounts of rain

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 17th SEPTEMBER, 1969.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O $T_sT_sT_dT_d$	$I_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Alesyyeda	43 496	702 06	6 29 18	99 02 2	089 02	36 2 90	73 70 1	...	0 80 75	1 29 01
City of Swansea	43 243	581 18	1 14 12	98 02 0	033 83	11 7 00	75 22 0	...	0 50 75	1 14 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTT$T_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT $T^dT^dT^d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	004 265 252	045 248 232	...	410 172 158	...	098 115 062	367 038 518	828 535 602	561 650 999	968 802	738 008	...	...
Jiwani ...														
Karachi ...	00 00	001 248 245	Misda	—		..	...	...	...	...	...	...	...	..
Lahore ...	00 00	980 268 252	000 012 045	..	457 182 122	—	—	..	—	...	...	..	...	...
Multan ...														
Peshawar ...	00 00	963 282 265	009 23x xxx	...	922 252 225	—	728 142 125	413 072 505	893 515 602	630 612 999	980 708	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT $T^dT^dT^d$									Max. Height Reached PPPTTT $T_dT_dT_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 195 182	800 145 118	548 002 555	...	...	...	...	...	...	548 002 555	...	..
Jiwani ...													
Karachi ...	00 00	...	Misda	..	..	...	...	...	...	—		...	—
Lahore ...	00 00	900 232 165	...	..	—	—	...	...	—	—	900 232 165	—	...
Multan ...													
Peshawar ...	00 00	900 272 228	800 215 195	350 658 999	295 710 999	—	...	...	...	—	295 710 999	...	—
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT; $T_dT_dT_d$: Dry Bulb; Dew Point temperatures (in tenths of °C.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

At 1200 hrs. G.M.T. † of Previous day (dd ff)

Height in Kms. a.s.l.→	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	14 10	14 10	15 10	—	—	—	—	—	—
Chaklala	—	—	—	—	—	—	—	—	—
Chhor	21 09	—	—	—	—	—	—	—	—
Chittagong	29 10	18 16	—	—	—	—	—	—	—
Cox's Bazar	23 08	24 12	26 14	26 10	22 07	—	—	—	—
Dacca	17 10	19 10	18 11	19 11	21 08	—	—	—	—
Dalbandin	—	—	23 02	29 08	31 10	36 19	36 24	01 15	—
D. I. Khan	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	21 14	20 09	—	—	—
Fort Sandeman	—	—	—	12 10	15 07	31 05	36 12	35 07	—
Jacobabad	07 09	10 10	10 12	08 19	08 17	—	—	—	—
Jessore	22 05	23 03	27 02	—	—	—	—	—	—
Jhelum	22 05	26 06	27 05	18 01	04 01	03 04	—	—	—
Jiwani	—	—	—	—	—	—	—	—	—
Karachi	No	Ascent	—	—	—	—	—	—	—
Khanpur	04 15	05 13	05 17	08 15	10 23	—	—	—	—
Lahore	06 02	09 03	04 01	35 01	34 04	18 01	07 03	—	—
Multan	09 08	10 06	08 09	10 07	10 08	—	—	—	—
Muscat	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	—	—	—	—	—	—
Peshawar	—	—	—	—	—	—	—	—	—
Quetta	—	—	—	—	20 04	34 01	34 03	20 02	22 04
Sharjah	—	—	—	—	—	—	—	—	—
Sylhet	32 07	28 05	22 08	21 11	20 12	21 08	—	—	—
Veraval	—	—	—	—	—	—	—	—	—

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l.→	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	19 06	—	—	—	—	—
Chaklala	—	09 04	20 03	23 09	27 02	27 07
Chhor	17 14	20 15	20 18	22 12	17 07	14 05
Chittagong	17 19	18 18	18 14	20 13	—	—
Cox's Bazar	18 19	19 15	19 13	21 14	—	—
Dacca	18 05	18 06	18 05	19 01	04 02	12 05
Dalbandin	—	—	18 06	21 04	01 04	01 10
D. I. Khan	—	—	—	—	—	—
Drosh	—	—	—	22 01	24 02	28 01
Fort Sandeman	—	—	—	07 03	21 04	30 09
Jacobabad	19 09	08 03	06 06	08 14	06 15	06 77
Jessore	17 12	11 06	16 03	33 03	35 05	—
Jhelum	12 01	21 06	20 05	24 02	31 04	36 06
Jiwani	19 07	15 13	12 09	13 07	09 07	—
Karachi	01 06	05 06	06 06	08 10	07 14	07 17
Khanpur	19 17	21 16	18 10	18 05	09 07	—
Lahore	15 06	17 05	18 06	31 05	34 04	—
Multan	19 06	21 10	15 10	27 04	35 07	—
Muscat	—	—	—	—	—	—
Panjgur	—	—	—	—	—	—
Peshawar	—	34 03	29 01	23 05	28 04	27 05
Quetta	—	—	—	—	14 04	32 02
Sharjah	—	—	—	—	—	—
Sylhet	18 09	19 15	20 21	—	—	—
Veraval	—	—	—	—	—	—

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l.→	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	15 09	16 04	16 08	16 04	09 01	—	—	—	—	—	—
Chaklala	—	36 05	15 01	21 02	24 02	27 03	02 03	—	—	—	—
Chhor	21 15	20 19	—	—	—	—	—	—	—	—	—
Chittagong	20 13	20 20	21 20	—	—	—	—	—	—	—	—
Cox's Bazar	19 16	20 16	20 16	21 18	—	—	—	—	—	—	—
Dacca	14 05	13 02	21 06	—	—	—	—	—	—	—	—
Dalbandin	—	—	19 01	19 12	25 06	30 03	33 11	35 19	07 09	09 07	10 05
D. I. Khan	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	23 08	19 06	20 09	19 03	—	—	—
Fort Sandeman	—	—	—	24 02	19 03	35 07	01 09	03 06	30 07	31 09	24 16
Jacobabad	16 10	15 05	10 06	08 06	05 12	07 13	—	—	—	—	—
Jessore	17 07	16 06	14 04	08 01	01 03	—	—	—	—	—	—
Jhelum	15 02	23 04	24 04	29 07	—	—	—	—	—	—	—
Jiwani	28 05	27 06	—	—	—	—	—	—	—	—	—
Karachi	22 10	—	—	—	—	—	—	—	—	—	—
Khanpur	—	—	—	—	—	—	—	—	—	—	—
Lahore	05 01	26 02	26 04	28 05	36 04	28 06	27 05	28 08	29 05	30 06	28 15
Multan	21 06	19 04	14 04	30 03	13 05	02 05	32 04	24 04	27 05	26 05	26 07
Muscat	—	—	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	—	—	—	—	—	—	—	—
Peshawar	—	—	—	—	—	—	—	—	—	—	—
Quetta	—	—	—	—	14 05	07 07	09 06	06 09	13 04	18 04	21 04
Sharjah	—	—	—	—	—	—	—	—	—	—	—
Sylhet	22 01	22 07	21 07	21 07	—	—	—	—	—	—	—
Veraval	—	—	—	—	—	—	—	—	—	—	—

* The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.5	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	19 07	18 07	18 07	19 02	08 03	09 04	11 06	11 07	19 06	17 06	xx xx	03 07	04 02	09 12	07 11	...	...	...
Karachi ...	01 06	05 06	06 06	06 10	07 19	07 17	09 15	...	...	...	...	...	...	...	...	—	—	...
Peshawar ...	—	32 07	10 05	30 04	25 05	33 05	35 05	04 07	01 08	36 06	28 12	28 22	33 21	24 31	26 30	—	...	...
Quetta ...																		

*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI-14.

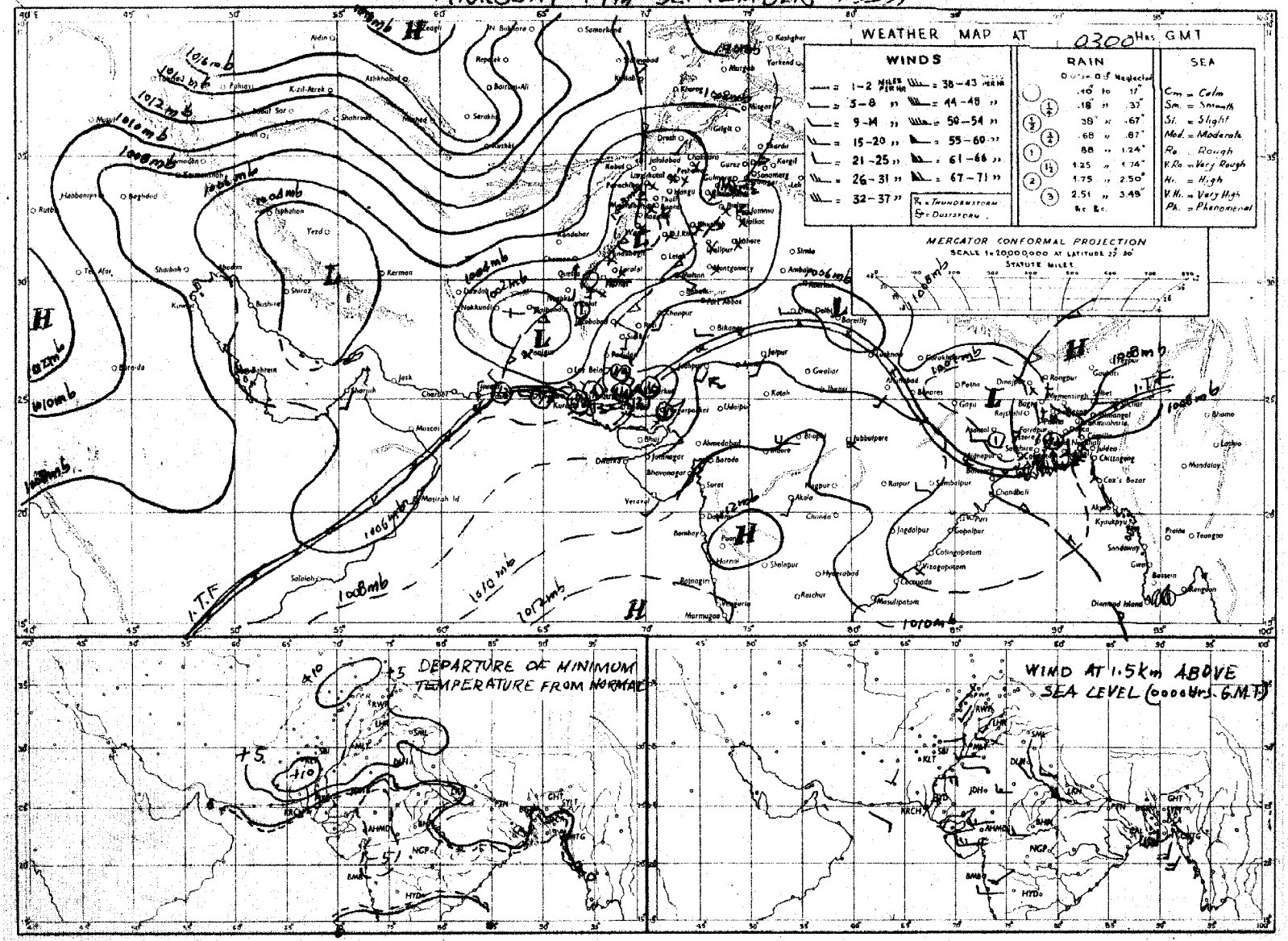
PAKISTAN DAILY WEATHER MAP

WEDNESDAY 16th SEPTEMBER, 1959.

Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

THURSDAY 17th SEPTEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

FRIDAY THE 18th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave over Rawalpindi division is moving across east Kashmir.

Local rain/thundershowers have occurred in Rawalpindi and Peshawar divisions and scattered elsewhere over West Pakistan outside Bahawalpur, D. I. Khan and Khairpur divisions.

Conditions continue unsettled in northwest and adjoining central Bay of Bengal.

Local rain/thundershowers have occurred in East Pakistan.

Chief amounts of rainfall are:- Chittagong and Cherat 2" each; Khulna 1½"; Dinajpur and Jhelum 3/4" each; Barisal, Haripur, Turbat and Karachi (Air Port) ½" each and Sylhet, Rangpur, Kakul, Campbellpur and Nushki ¼" each.

Day temperatures were:- 8—9°F below normal in Hyderabad and Khairpur divisions and 3—5 °F so, in Rawalpindi, Peshawar divisions and the Federal Capital Area.

Forecast valid until the evening of 19th September, 1959. Local rain/thundershowers will occur in south Kalat division and in East Pakistan and scattered in Rawalpindi and Lahore divisions and Kashmir.

Karachi-11
The 18th September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)* PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR	Past weather commenced at † Wt	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level Pressure (mbs. and tenths)* PPP	Dry Bulb temperature TT	Amount of Lowest Cloud † Nh	Low Cloud Form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form† CH	Dewpoint temperature °F TdTd	Minimum Temperature °F TnTn	Departure from Normal of: Maximum Temperature TxTx	Minimum Temperature TnTn	Rainfall: Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 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	
Chittagong	Cox's Bazar	000	5	5	20	03	96	02	9	064	80	2	9	7	7	3	76	78	029	9	5	16	03	97	02	6	086	81	3	5	6	5	2	80	76	— 9	0	110.5	+ 6.3	126.3	140
	Chittagong	003	7	6	18	05	97	02	6	057	81	4	2	5	2	0	77	84	212	2	8	00	00	95	95	8	091	76	8	3	3	x	x	76	75	— 3	— 2	91.2	+18.1	123.3	108
	Maijdee Court	005	7	5	13	05	96	03	6	052	83	2	4	7	2	0	78	86	008	9	8	00	00	97	03	5	081	80	3	2	6	2	x	79	78	— 3	0	94.6	+16.1	126.5	115
	Comilla	000	0	8	00	00	35	65	2	046	87	8	4	5	x	x	78	87	005	9	8	00	00	97	02	6	078	82	8	4	5	x	x	78	78	— 1	+ 1	59.5	+10.4	85.5	96
	Brahmanbaria	000	0	4	00	00	96	03	0	043	84	2	4	5	2	0	83	88	000	0	8	09	02	97	03	2	077	82	8	4	4	x	x	80	79	—	—	42.6	— 1.1	58.6	76
	Sylhet	000	1	7	27	02	96	02	1	048	83	6	3	5	6	0	75	88	018	9	8	00	00	96	61	9	086	78	6	7	4	2	x	77	77	—	—	124.5	—	162.5	—
	Srimangal	015	8	7	00	00	96	17	9	048	81	4	3	4	4	0	79	90	015	9	8	11	03	96	03	9	083	82	5	2	4	2	x	75	77	— 1	+ 2	60.4	+ 5.3	72.4	98
Dacca	Mymensingh	000	0	8	13	02	96	60	2	042	83	8	7	3	x	x	76	86	015	9	8	00	00	98	02	6	077	83	8	4	6	x	x	77	79	— 2	+ 1	65.2	+ 7.1	87.3	91
	Narayanganj	000	9	3	18	03	95	01	2	042	85	3	0	8	7	0	79	89	007	2	8	00	00	95	03	6	076	82	6	4	5	1	x	79	79	+ 1	0	52.8	+ 6.7	74.1	74
	Dacca (Tejgaon)	000	9	6	18	03	97	03	1	035	83	2	3	4	0	4	72	89	000	9	7	00	00	97	02	2	072	83	5	3	5	7	1	79	79		—	54.3	—	69.6	—
	Faridpur	000	9	5	00	00	96	03	0	041	85	5	5	7	0	0	78	89	000	9	8	27	02	97	03	0	073	80	8	5	7	x	x	79	78	+ 2	0	56.6	+12.9	84.9	71
	Barisal	000	4	6	09	01	96	01	1	047	83	0	6	5	0	0	79	87	039	9	6	09	02	96	03	9	077	82	6	0	6	4	0	77	78	— 1	0	93.7	+41.3	108.6	81
Rajshahi	Khulna	154	1	8	00	00	96	01	6	047	78	8	5	6	x	x	77	90	154	0	8	00	00	96	02	2	085	80	8	6	5	x	x	79	78	+ 2	+ 1	60.0	+17.4	80.9	68
	Satkhira	000	0	8	00	00	94	03	2	046	81	x	x	6	x	x	77	90	000	0	8	00	00	95	03	2	083	83	x	x	x	x	x	77	79	+ 1	+ 2	45.2	+ 2.6	69.3	66
	Jessore	002	6	8	18	02	96	02	6	045	80	8	4	5	x	x	79	91	002	0	8	27	03	96	03	2	070	82	8	4	5	x	x	78	78	—	—	45.3	+ 4.7	95.5	65
	Sirajganj	000	0	8	00	00	98	02	2	021	85	8	1	9	0	4	78	91	000	0	8	00	00	96	02	2	075	84	6	4	6	0	0	77	79	+ 3	+ 1				64
	Bogra	000	0	7	13	02	96	02	2	036	84	7	5	5	0	0	78	90	009	0	8	27	02	96	02	2	069	83	6	5	5	2	x	80	74	+ 2	— 4	52.2	+ 6.3	71.3	49
	Dinajpur	048	5	7	00	00	94	17	9	037	84	3	3	6	1	9	79	89	069	3	4	00	00	96	02	2	042	80	4	0	9	2	0	79	77	+ 1	— 1	31.3	—20.0	48.7	72
	Rangpur	026	4	5	13	02	96	01	9	xxx	81	3	5	6	1	4	78	88	026	0	5	00	00	96	01	1	xxx	80	5	5	6	0	0	77	78	0	+ 1	48.8	— 8.9	68.7	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	8	7	23	07	96	17	1	026	87	5	9	6	2	8	74	97	003	9	7	00	00	96	03	9	053	81	4	7	5	4	4	78	79	— 1	+ 7	21.4	+ 7.2	25.2	19
	Sialkot	000	5	7	13	02	97	03	1	017	86	4	2	6	4	1	79	92	000	2	6	00	00	97	03	1	039	82	6	4	6	0	0	79	79	— 3	+ 5	45.3	+12.7	50.7	32
Rawalpindi	Jhelum	072	3	5	00	00	97	01	9	018	xx	1	2	6	1	8	78	91	072	1	7	00	00	96	29	9	040	90	2	2	7	7	0	76	76	—	—	35.4	—	45.7	—
	Rawalpindi	000	0	5	20	02	99	03	5	009	89	2	1	8	0	8	76	91	013	1	8	00	00	97	17	6	039	80	8	7	6	x	x	77	75	— 3	+ 6	33.1	+10.4	46.2	36
	Khushab	010	0	4	23	02	99	03	3	026	85	4	2	6	0	0	73	98	000	0	0	00	00	96	00	0	047	86	0	0	9	0	0	76	78	— 1	+ 2	14.1	+ 4.3	19.3	15
Multan	Lyallpur	000	0	6	07	02	95	17	9	026	82	6	3	6	8	2	63	97	000	0	0	13	02	96	02	9	037	81	0	0	9	0	0	76	79	— 1	+ 5	14.0	+ 5.0	16.8	12
	Montgomery	000	0	6	13	02	96	03	2	027	87	3	3	7	0	0	75	97	000	0	0	00	00	96	00	0	053	82	0	0	9	0	0	73	79	— 3	+ 4	6.1	— 0.9	8.4	10
	Multan	000	0	6	27	02	97	03	5	012	94	1	9	6	0	4	85	99	000	0	2	23	05	98	02	0	042	82	0	0	9	0	1	77	82	0	+ 5	5.8	+ 0.9	7.3	7
Bahawalpur	Leiah																		000	0	1	11	09	99	03	0	xxx	84	1	0	8	3	0	78	xx	—	—	4.6	—	6.5	8
	Khanpur	000	0	0	29	05	96	03	0	992	97	0	0	9	0	0	80	02	000	0	0	23	05	96	02	0	050	81	0	0	9	0	0	74	78	+ 1	3	0.5	— 4.3	1.5	6
	Bahawalpur	000	0	3	18	02	97	00	0	022	96	0	0	8	2	0	75	91	000	0	3	20	07	97	02	0	046	86	0	0	9	0	2	72	79	— 9	+ 5	5.4	+ 1.2	8.6	6
	Fort Abbas	000	0	0	20	02	98	00	0	008	94	0	0	9	0	0	72	xx	000	0	0	20	03	98	00	0	049	84	0	0	9	0	0	73	77	—	—	8.1	—	8.4	4
Peshawar	Chakdara	000	0	1	00	00	98	01	1	024	86	1	1	7	0	0	73	89	000	0	6	00	00	97	02	2	012	75	6	0	8	6	0	71	72	—	—	9.9	—	24.5	—
	Peshawar	000	0	3	05	03	97	01	1	065	89	2	3	6	0	1	75	90	000	8	7	00	00	97	29	9	036	79	4	8	4	x	0	79	78	— 5	— 1	8.0	+ 3.9	21.9	14
	Haripur	000	3	4	13	04	97	03	1	994	89	4	2	6	0	7	75	92	053	3	7	23	06	96	03	6	024	75	7	7	6	0	0	64	70	—	—	18.4	—	29.3	—
	Campbellpur	000	0	4	23	02	98	01	0	029	90	0	0	0	4	0	79	90	021	6	8	09	03	97	03	6	061	77	8	1	6	x	x	76	68	—	—	21.6	—	35.5	—
D. I. Khan	Bannu	000	0	3	11	01	99	03	0	008	94	3	1	6	0	0	75	97	000	0	5	13	01	99	01	1	055	83	5	5	6	0	0	74	82	—	—	10.9	—	17.8	11
	D. I. Khan	000	6	3	11	04	98	03	3	005	92	0	0	9	3	0	79	00	000	2	3	13	02	98	01	1	052	65	0	0	9	0	3	78	79	8	+ 4	10.2	+ 4.9	13.9	30
Quetta	Sibi	014	9	8	23	02	97	02	7	006	97	8	7	5	0	0	77	99	016	9	8	18	02	97	92	9	045	84	8	8	3	x	x	75	83	—	—	3.3	—	4.1	5
Kalat	Nokkundi	000	0	0	34	05	94	05	0	994	02	0	0	9	0	0	31	06	000	0	0	34	02	97	00	0	027	85	0	0	9	0	0	43	84	—	—	0	—	1.1	2
	Turbat	000	0	3	23	02	96	01	0	040	02	0	0	9	6	0	80	03	050	0	0	18	02	95	00	6	058	80	0	0	9	0	0	79	xx	—	—	2.8	—	7.2	—
	Jiwani	004	0	7	23	09	96	03	2	034	87	4	5	5	3	0	75	90	004	0	6	00	00	96	02	2	050	83	3	6	4	4	0	78	80	—	—	0.3	—	5.9	4
	Pasni	000	0	4	23	05	98	00	0	028	86	4	0	9	7	0	78	91	000	0	7	23	02	97	02	2	052	80	7	8	9	5	0	77	78	+ 2	+ 5	0.6	— 0.3	3.1	6
	Ormara	000	0	6	27	05	98	02	1	030	86	6	2	5	0	0	77	89	000	0	8	09	03	98	03	1	058	79	8	2	4	x	x	76	76	—	—	0.9	+ 0.1	3.4	6
	Las Bela																																								8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	3	7	25	12	97	03	5	047	80	0	0	9	3	0	76	82	000	0	6	25	14	97	03	1	069	81	6	0	9	4	0	75	77	— 3	0	16.5	+10.5	16.5	8
	Karachi (Air Port)	034	6	8	23	10	96	02	6	048	81	4	6	4	5	x	75	83	039	9	7	00	00	96	03	6	066	78	4	5	5	4	0	76	76	—	—	22.6	—	29.9	—
	Badin	000	0	0	23	02	97	00	0	055	85	0	0	9	0	0	64	87	000	0	0	23	02	96	00	0	070	80	0	0	9	0	0	77	77	— 8	+ 1	11.2	+ 4.0	11.2	9
	Nagarparker	000	0	3	27	03	97	01	0	052	86	3	2	7	0	0	67	88																							—
	Umarkot	000	0	4	23	10	98	00	0	043	67	2	1	6	6	8	72	69	000	0	1	18	03	98	02	0	063	75	0	0	9	0	1	73	76	—	—	18.8	—	19.5	—
	Hyderabad	005	6	6	20	07	97	02	5	049	80	3	8	5	2	1	76	85	008	9	8	20	05	97	03	5	068	78	5	5	6	2	x	74	74	— 12	— 2	14.6	+ 8.8	15.4	7
Khairpur	Pad-i-dan	000	8	6	13	09	97	03	2	032	87	2	3	6	2	0	76	89	000	0	3	16	04	97	03	0	052	79	1	1	6	3	1	74	76	—	—	7.5	—	7.5	—
	Nawabshah	000	0	6	18	05	96	01	2	045	83	6	3	5	0	0	76	86	000	0	2	18	07	96	03	0	061	80	2	0	9	3	0	20	76	—	—	6.4	—	7.1	—
	Sukkur	000	8	7	25	03	96	03	2	028	90	7	0	9	8	0	74	94	000	9	7	20	05	96	02	2	049	80	7	0	9	8	0	74	78	—	—	3.5	—	4.6	4
	Kashmore	000	0	3	18	07	99	00	0	022	92	3	1	7	0	0	70	94	000	0	8	18	07	99	02	0	047	80	8	1	4	x	x	73	78	—	—	2.0	—	2.4	—
	Jacobabad	000	0	6	18	03	97	03	2	030	92	5	9	6	3	0	81	94	000	0	2	18	03	97	02	0	051	80	2	0	9	2	0	77	78	— 9	+ 2	3.8	+ 1.6	4.5	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								
Kashmir	Srinagar																																								26
	Gulmarg																																								—
	Sonamarg																																								71
	Dras																																								26
	Leh																																								3
	Skardu																																								6
	Misgar																																								—
	Aliabad																																								—
	Gilgit																																								5
Rawalpindi	Murree	008	3	7	32	10	97	02	6	461	64	5	5	4	0	0	63	67	008	2	8	27	03	96	03	4	473	63	8	5	2	x	x	61	58	— 2	— 8	46.5	+12.6	71.8	59
Peshawar	Drosh	000	9	1	23	10	98	01	2	412	92	1	–	7	0	0	53	96	000	4	4	00	00	97	01	2	450	77	4	2	6	0	0	52	76	+ 8	+ 12	1.3	—	30.4	18
	Cherat	012	9	5	23	01	98	03	6	487	77	5	6	6	0	1	73	79	218	3	8	09	02	94	46	9	458	70	8	5	6	x	x	70	65	— 5	0	20.1	+ 8.5	30.1	29
	Kakul	001	2	4	13	03	97	50	6	455	77	4	3	4	0	3	70	82	019	9	7	05	02	97	51	6	467	73	7	3	6	0	0	67	xx	—	—	48.1	—	52.7	—
	Landi Kotal	000	0	1	13	03	98	01	1	439	79	1	1	7	0	0	77	xx	000	0	6	05	03	98	01	2	456	75	6	6	5	0	0	71	xx	—	—	2.5	—	17.5	—
	Parachinar	000	0	3	13	02	99	00	0	799	80	3	0	9	0	0	65	xx	000	0	2	00	00	99	02	0	797	67	2	0	9	1	0	63	xx	—	—	12.2	—	26.1	29
D.I. Khan	Miranshah	000	0	0	05	02	99	00	0	450	92	0	0	9	0	0	68	93	000	0	8	08	00	99	03	2	438	79	8	1	7	x	x	72	76	—	—	2.7	— 1.6	5.7	13
	Wana	000	0	3	09	00	99	00	3	454	87	3	2	8	0	0	63	89	000	0	0	00	00	99	02	4	547	70	0	0	9	0	0	65	71	—	—	5.1	—	14.1	—
	Fort Sandeman	000	0	4	16	07	97	03	0	448	92	4	2	7	0	0	71	93	000	0	0	00	00	98	02	0	466	79	0	0	9	0	0	69	72	+ 2	+ 8	7.1	+ 2.2	15.9	11
Quetta	Hindubagh	000	1	7	34	09	92	09	3	424	75	0	0	9	4	4	52	75	000	0	0	13	01	98	00	0	430	70	0	0	9	0	0	56	68	—	—	4.6	—	12.6	—
	Loralai	000	0	6	13	05	95	03	2	392	85	3	2	6	2	0	63	87	000	0	5	00	00	92	01	2	416	69	3	2	5	0	1	67	66	—	—	7.1		13.0	
	Harnai	000	5	5	09	02	96	76	2	xxx	xx	4	3	0	2	0	xx	xx	000	8	6	27	12	98	04	6	xxx	xx	3	4	2	0	2	xx	xx	—	—	8.4	+ 1.1	12.7	14
	Quetta																		002	9	0	00	00	96	05	5	454	72	0	0	9	0	0	61	62	—	—	4.7	+ 3.7	10.2	8
	Chaman	000	0	0	18	02	98	02	0	408	95	0	0	9	0	0	75	98	000	0	0	09	02	98	02	0	455	75	0	0	9	0	0	55	71	+ 8	+ 7	0.1	0	6.2	7
Kalat	Kalat	003	0	6	23	07	97	03	2	464	xx	6	7	7	0	0	64	82	000	0	3	00	00	98	01	1	480	67	0	0	9	0	1	61	59	— 1	+ 12	5.2	+ 3.1	2.9	9
	Nushki	000	0	8	09	34	90	09	0	470	xx	8	8	6	0	0	67	xx	020	0	0	09	02	96	05	6	484	81	0	0	9	0	0	69	76	—	—	1.1	—	2.9	—
	Dalbandin	000	0	3	23	05	97	03	8	437	01	3	1	7	0	0	51	05	000	9	3	23	02	95	06	3	458	83	0	0	9	0	1	59	82	+ 6	+ 9	0.2	— 0.1	2.2	5
	Panjgur	000	0	4	23	05	98	03	1	457	95	0	0	9	6	0	59	96	000	0	8	00	00	98	03	1	469	76	8	0	9	6	x	65	72	+ 2	+ 9	2.4	—	4.0	4
Afghanistan	Kabul	000	0	0	18	02	99	00	0	463	83	0	0	9	0	0	58	89	000	0	0	09	02	99	00	0	508	63	0	0	9	0	0	51	55	—	—	—	—	—	12
	Kandahar																																								—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitte.
RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M.T. of the same day
Whenever 999 is given for RRR see the summary above for the actual amounts of rain

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 15th SEPTEMBER, 19[illegible]

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	O T_s T_s T_d T_d	$I_dd_wPH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
[illegible]	52 246	692 06	2 22 09	99 01 1	102 81	17 8 10	35 11 0	...	0 02 xx	1 23 34
[illegible]	58 208	615 08	8 28 32	[illegible]	086 82	65 4 2x	16 38 0	...	0 26 29	1 18 63
Alsayyada	53 227	679 06	6 27 18	97 02 2	084 82	29 2 90	73 70 1	...	0 80 73	1 27 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T^{d}T$_d$	1000 mb HHHTTT T^{d}T^{d}T^d	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	...													
Chittagong	...													
Dacca	00 00	005 272 255	049 262 226	...	440 168 145	...	108 092 055	376 035 522	832 555 588	551 660 999	966 798	242 025	—	—
Jiwani	...													
Karachi	00 00	083 252 238	045 238 999	—	410 170 999	..	079 118 999	345 6C8 999	805 522 999	549 640 999	966 789	243 008	..	..
Lahore	00 00	979 265 252	026 xxxxxx	..	442 195 999	...	083 110 999	349 035 999	803 555 999	—	—	..	—	—
Multan	...													
Peshawar	23 00	962 265 258	...	—	410 205 205	—	089 122 122	371 062 062	849 515 515	590 61g 999	994 738	—	—	—
Quetta	...													

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT T^{d}T^{d}T^d									Max. Height Reached PPPTTT $T_dT_dT^d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	...												
Chittagong	...												
Dacca	00 00	900 192 168	800 142 118	558 008 535	456 595 712	—	—	—	—	—	456 595 712	—	—
Jiwani	...												
Karachi	00 00					—	—	—	—	—	200 008 999	—	—
Lahore	00 00	900 215 999	800 172 999	555 000 999	480 525 999	—	—	—	—	—	480 525 999	—	—
Multan	...												
Peshawar	23 00	900 232 232	800 175 175	350 470 999	250 815 999	—	—	...	..	—	250 815 999	...	—
Quetta	...												

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures(in tenths of oC.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

At 1200 hrs. G.M.T. of Previous day (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	22 07	20 10	20 18	26 04	—	—	—	..	—
Chaklala	—	35 02	27 01	25 04	—	—	—	—	—
Chhor	22 20	20 21	20 19	21 25	21 18	20 08	—	—	—
Chittagong	19 13	—	—	—	—	—	—	—	—
Cox's Bazar	22 16	23 18	22 16	22 15	22 14	—	—	—	—
Dacca	18 04	20 04	25 04	25 08	20 08	20 06	—	..	—
Dalbandin	—	—	24 18	24 15	34 06	29 01	—	—	—
D. I. Khan	..	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	22 17	23 12	13 23	24 38	24 32
Fort Sandeman	—	—	—	16 10	17 09	28 05	—	—	—
Jacobabad	17 07	17 07	17 07	09 08	05 11	..	—	..	—
Jessore	30 14	30 17	30 17	25 15	—	—	—	—	—
Jhelum	07 01	19 01	22 02	27 07	27 09	27 06	—	—	—
Jiwani	21 10	19 02	26 02	27 05	—	..	..	—	—
Karachi	23 16	—	—	—	—	—	—	—	—
Khanpur	23 07	20 07	19 09	16 09	—	—	—	—	..
Lahore	20 04	20 08	24 06	25 05	32 06	30 10	—	..	—
Multan	21 09	20 11	17 11	19 09	22 18	33 09	—	..	—
Muscat	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	—	—	—	—	—	—
Peshawar	—	—	—	—	—	—	..	—	—
Quetta	—	..	—	—	17 05	02 07	—	—	..
Sharjah	—	—	—	—	—	..	—	—	—
Sylhet	25 08	25 07	24 08	22 12	21 11	...	—	—	—
Veraval	—	—	—	—	—	—	—	—	—

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	27 02	29 05	29 05	..	—	—
Chaklala	—	—	—	—	—	—
Chhor	21 21	23 11	22 10	22 16	—	—
Chittagong	No	Ascent	—	—	—	—
Cox's Bazar	No	Ascent	—	—	—	—
Dacca	36 06	35 09	35 08	05 02	18 06	30 06
Dalbandin	—	—	29 19	20 07	27 10	—
D. I. Khan	—	—	—	—	—	—
Drosh	—	—	—	23 01	22 03	—
Fort Sandeman	—	—	—	24 05	22 02	32 17
Jacobabad	17 10	12 05	18 04	07 07	04 02	06 10
Jessore	25 20	28 17	30 18	29 15	—	—
Jhelum	19 02	22 09	20 08	26 03	28 07	33 13
Jiwani	23 07	21 06	27 01	27 05	—	—
Karachi	22 11	22 12	23 11	22 09	—	—
Khanpur	..	—	—	—	—	—
Lahore	25 12	28 17	29 15	32 13	31 09	30 06
Multan	20 23	21 24	20 14	18 03	13 04	02 07
Muscat	—	—	—	—	—	—
Panjgur	—	—	..	—	—	—
Peshawar	..	..	—	—	—	—
Quetta	..	...	—	—	33 01	34 12
Sharjah	—	—	—	—	—	—
Sylhet	No	Ascent	...	—	—	—
Veraval	—	—	—	—	...	..

At 0600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	26 02	—	—	..	..	—	—	—	—	—	—
Chaklala	—	—	—	—	—	..	..	—	—	—	—
Chhor	21 15	21 19	21 18	23 19	..	—	..	—	..	—	—
Chittagong	19 09	—	—	—	—	—	—	—	—	—	..
Cox's Bazar	23 10	24 11	25 13	25 09	—	—	—	—	—	—	—
Dacca	No	Ascent	22 02	23 05	33 04	04 12	09 17	10 16	03 14	07 11	09 07
Dalbandin	—	—	—	—	—	—	—	—	—	—	—
D. I. Khan	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	21 05	20 10	17 07	31 04	35 10	27 10	..
Fort Sandeman	—	—	—	22 04	29 04	03 05	35 04	31 15	..	—	..
Jacobabad	18 06	21 05	22 04	—	...	—	—	—	—	—	—
Jessore	28 05	26 08	—	—	—	..	—	—	—	—	—
Jhelum	21 04	19 06	22 07	24 05	24 06	27 05	—	..	—	—	—
Jiwani	04 08	04 09	18 07	—	—	—	—	—	..	—	—
Karachi	21 18	22 20	[illegible]	—	—	—	—	—	..	—	—
Khanpur	22 19	22 2[illegible]	21 23	15 24	—	—	—	..	..	—	..
Lahore	24 06	28 05	27 06	25 08	24 09	27 07	28 08	—	..	—	..
Multan	20 17	20 18	20 15	18 06	14 05	36 12	06 05	31 13	30 14	26 23	—
Muscat	—	..	—	..	..	—	—	—	—	—	—
Panjgur	—	—	—	—	—	—	—	..	..	—	—
Peshawar	—	—	—	—	—	—	—	—	—	—	—
Quetta	—	—	—	—	31 02	03 07	13 04	02 02	07 05	22 02	..
Sharjah	—	—	—	—	—	—	..	—	—	—	—
Sylhet	17 20	..	—	—	—	—	..	—	—	—	—
Veraval	—	—	..	—	—	—	—	—	—	—	—

* The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	—																	
Dacca	25 11	25 10	25 11	24 07	33 07	25 18	21 09	22 09	22 04	01 06	34 07	0[illegible] 09	34 35		—	..	—	..
Karachi	23 15	21 17	22 16	22 1[illegible]	26 07	17 02	17 18	20 38	19 29	18 23	20 17	07 08	04 23	04 23	—	..	—	..
Peshawar	...	36 14	32 04	26 09	30 05	30 09	31 15	30 13	28 13	31 12	29 13	29 18	35 16	31 02	—	..	..	..
Quetta	—																	

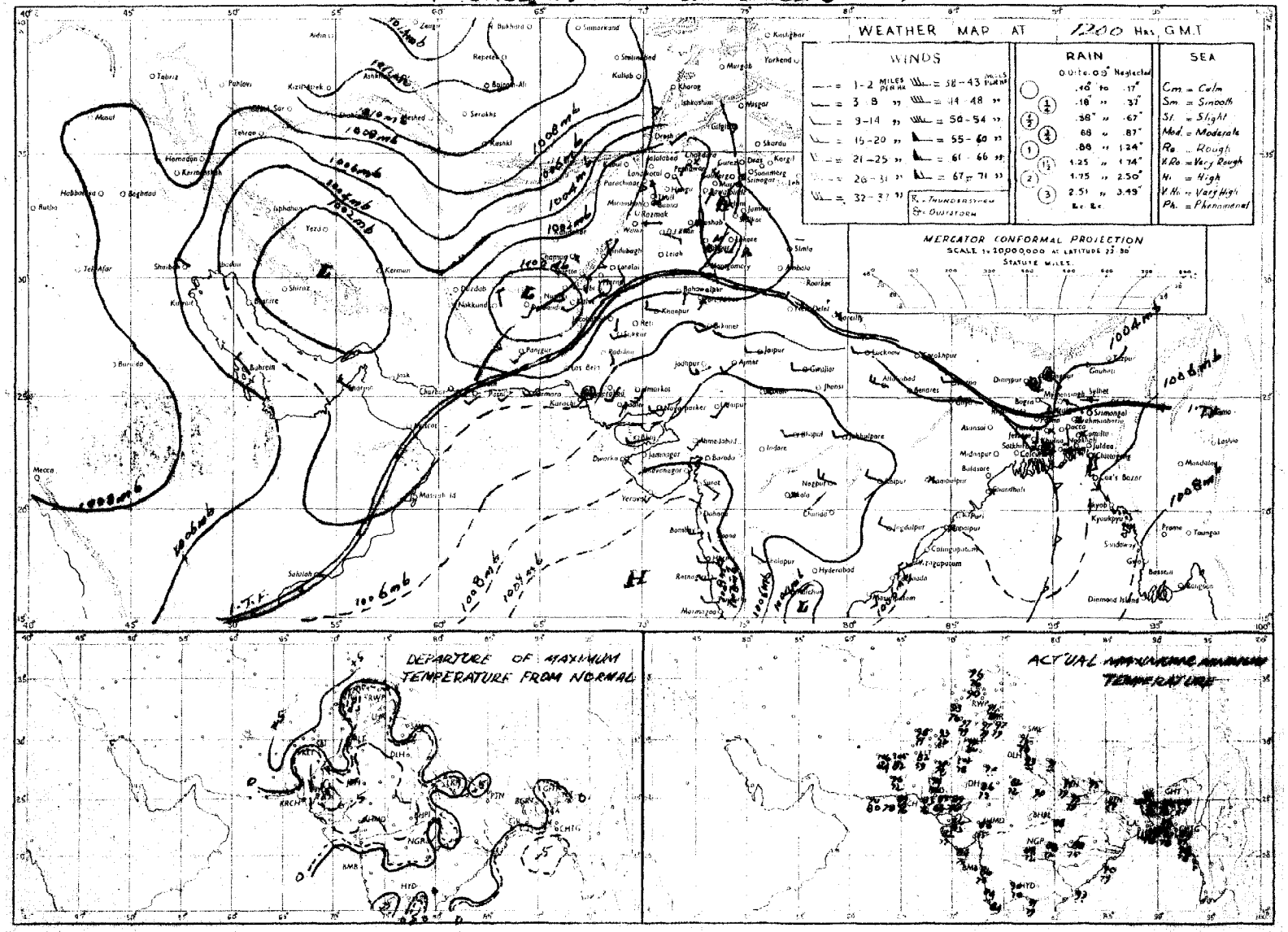
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

[illegible]

PAKISTAN DAILY WEATHER MAP

THURSDAY, 17th SEPTEMBER 1959



Rainfall amounts indicated in the above chart refer to past 9 hours.

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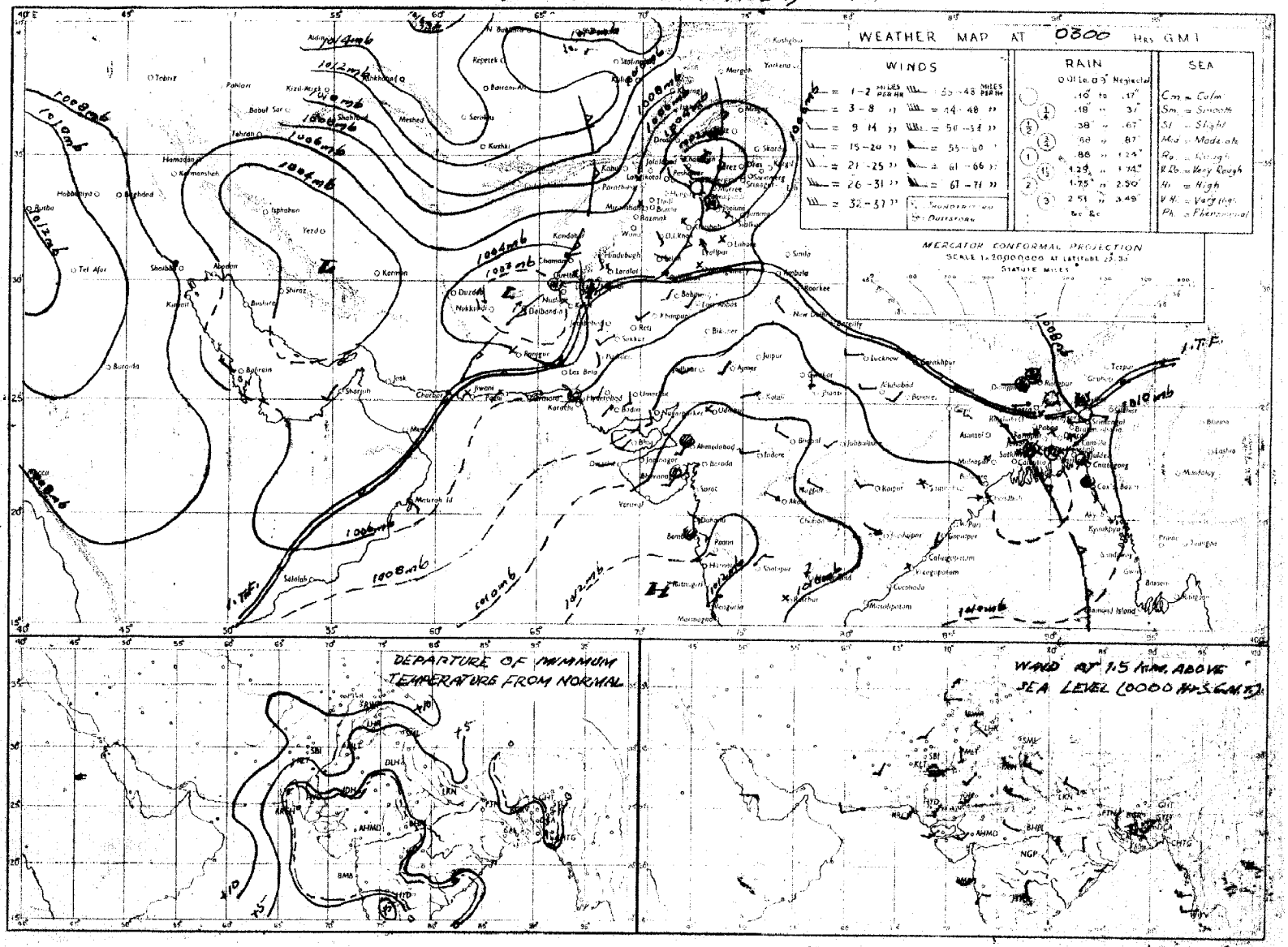
PAKISTAN DAILY WEATHER MAP

FRIDAY, 18th SEPTEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SATURDAY THE 19th SEPTEMBER, 1959.
Summary of observations recorded at 0300 hrs. G.M.T.

Unsettled conditions in northwest and adjoining central Bay of Bengal are less marked.

Widespread rain/thundershowers have occurred in Dacca division, fairly widespread in Chittagong division and local in Rajshahi division.

Yesterday's low pressure wave over east Kashmir has moved away and a fresh one is now moving across Peshawar division.

Rain/thundershowers have been widespread in Lahore division, fairly widespread in Rawalpindi division, local in Peshawar and south Kalat divisions and scattered in D. I. Khan, Quetta, north Kalat and Hyderabad divisions.

Chief amounts of rainfall are:- Sylhet 5"; Maijdee Court, Dacca and Sialkot 4" each; Murree 3"; Mymensingh and Rawalpindi 2" each; Narayanganj 1½"; Srimangal, Barisal, Parachinar and Kalat 1" each; Haripur and Ormara 3/4" each; Cox's Bazar ½" and Comilla, Faridpur, Bogra, Dinajpur, Lahore and Mithi 1/4" each.

Day temperatures were:- 6—10°F below normal in south Kalat, Hyderabad, Khairpur, Lahore and Rawalpindi divisions, 3—4 °F so in Multan, lower Peshawar, Chittagong, Dacca divisions and 3—6 °F above normal in Quetta and adjoining north Kalat divisions.

Forecast valid until the evening of 20th September, 1959. Fairly widespread rain/thundershowers will occur in Chittagong, Dacca, Rawalpindi divisions and Kashmir, local in Rajshahi, Peshawar and Lahore divisions and scattered in D. I. Khan, Multan, Quetta and south Kalat divisions.

Karachi-11
The 19th September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at† Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility† VV (8)	Present weather† ww (9)	Past weather† W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form† CL (14)	Height of Lowest Cloud† h (15)	Medium Cloud form† CM (16)	High Cloud form† CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	1	6	20	03	96	03	6	050	81	1	5	6	0	4	77	85
	Chittagong	012	8	4	00	00	97	02	9	054	79	2	3	5	2	0	78	79
	Maijdee Court	008	4	6	18	02	96	17	6	042	79	1	4	6	2	0	79	83
	Comilla	005	6	5	00	00	95	02	5	039	83	5	4	5	0	0	77	85
	Brahmanbaria	000	0	8	18	02	95	03	2	035	83	6	4	5	2	x	80	86
	Sylhet	000	9	8	00	00	97	29	9	035	81	3	4	6	2	x	77	84
	Srimangal	111	4	8	00	00	96	02	9	038	79	7	3	4	2	x	77	89
Dacca	Mymensingh	043	0	8	27	02	95	95	2	037	81	8	6	3	x	x	78	85
	Narayanganj	000	9	8	00	00	95	03	2	032	82	3	0	8	7	8	78	85
	Dacca (Tezgaon)	128	5	7	23	02	97	01	9	027	80	2	3	5	4	3	79	85
	Faridpur	020	3	8	00	00	96	02	6	033	80	8	4	7	x	x	77	87
	Barisal	101	4	8	00	00	96	03	9	037	81	8	0	7	6	x	79	87
Rajshahi	Khulna	000	0	7	00	00	97	01	2	032	85	7	5	7	0	0	80	93
	Satkhira	000	0	8	00	00	96	0[illegible]	2	034	86	8	6	8	x	x	78	93
	Jessore	000	0	8	18	02	95	03	2	036	82	8	4	5	x	x	79	90
	Sirajganj	000	0	8	00	00	96	02	2	011	82	8	9	5	x	x	78	86
	Bogra	022	2	6	00	00	96	20	9	024	80	4	5	5	7	0	77	87
	Dinajpur	000	5	7	00	00	94	02	9	022	83	3	5	7	2	0	78	85
	Rangpur	000	0	4	18	02	96	01	2	xxx	80	3	5	6	2	0	76	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	011	8	8	05	02	96	92	6	047	77	6	5	5	2	x	74	90
	Sialkot	233	6	8	00	00	97	20	6	027	73	8	4	5	x	x	73	85
Rawalpindi	Jhelum	007	5	7	13	02	97	20	9	028	77	7	3	5	1	0	73	88
	Rawalpindi	148	7	6	30	00	98	02	9	031	78	3	5	7	6	9	74	81
	Khushab	000	0	4	09	02	96	03	1	008	94	4	2	6	0	0	73	96
Multan	Lyallpur	000	0	6	13	02	96	02	0	011	92	6	0	9	5	0	72	94
	Montgomery	000	0	0	00	00	96	00	0	025	92	0	0	9	0	0	71	94
	Multan	000	0	2	23	03	97	02	0	006	92	2	1	6	0	0	78	99
Bahawalpur	Leiah	000	0	0	25	07	96	05	0	024	97	0	0	9	0	0	74	00
	Khanpur	000	0	5	20	05	97	03	0	017	93	5	1	7	0	0	73	95
	Bahawalpur																	
	Fort Abbas																	
Peshawar	Chakdara	000	0	2	23	03	98	01	1	012	86	2	1	7	0	0	75	88
	Peshawar	000	0	7	05	05	97	03	1	995	88	7	9	6	0	0	78	90
	Haripur	000	3	6	23	04	97	03	1	976	84	6	1	6	0	0	71	92
	Campbellpur	000	6	7	13	07	98	02	1	013	83	7	7	6	0	0	76	87
D. I. Khan	Bannu	000	0	3	11	01	99	01	0	979	93	3	2	6	0	0	72	95
	D. I. Khan	000	6	3	00	00	98	03	0	991	94	0	0	9	0	3	82	98
Quetta	Sibi	000	9	5	13	02	98	03	1	009	95	5	8	5	0	0	72	89
Kalat	Nokkundi	000	0	0	27	02	98	02	0	964	05	0	0	9	0	0	-6	06
	Turbat	000	0	0	18	02	96	00	0	035	91	0	0	9	0	0	80	91
	Jiwani	000	0	6	18	07	97	02	1	039	85	3	6	4	3	0	76	89
	Pasni	000	0	0	13	07	97	00	0	043	83	0	0	9	0	0	79	83
	Ormara	000	0	7	13	03	98	02	1	043	82	7	2	5	0	0	76	83
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	2	25	12	98	02	0	048	84	2	0	9	4	0	78	86
	Karachi (Air Port)	000	3	1	23	09	97	01	5	051	83	1	5	6	0	0	75	85
	Badin	000	0	0	23	02	97	00	0	045	85	0	0	9	0	0	75	87
	Nagarparker	000	0	6	00	00	95	02	1	040	87	6	6	7	0	0	67	89
	Umarkot	000	0	4	23	09	98	02	1	039	87	4	2	6	0	0	74	90
	Hyderabad	000	0	5	20	10	97	02	1	044	87	5	8	6	0	0	71	89
Khairpur	Pad-i-dan	000	0	3	16	10	97	03	0	021	91	2	2	6	0	1	72	93
	Nawabshah	000	0	3	23	05	96	01	2	034	88	1	5	6	3	0	74	91
	Sukkur	000	8	4	20	05	96	03	0	012	92	4	0	9	6	0	76	94
	Kashmore	000	0	4	18	07	99	02	1	014	91	4	1	6	0	0	74	97
	Jacobabad	000	0	4	16	07	97	02	1	011	93	4	5	6	0	0	81	94
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	128	6	9	05	02	90	49	6	496	63	9	x	0	x	x	62	66
Peshawar	Drosh	000	0	2	23	12	97	01	0	394	91	2	2	7	0	0	52	97
	Cherat	003	6	8	13	05	90	47	6	446	72	8	5	6	x	x	72	74
	Kakul	000	8	3	18	05	97	01	1	446	77	3	2	6	0	0	67	79
	Landi Kotal	000	0	1	16	03	98	03	0	422	83	1	2	7	0	0	70	88
D.I. Khan	Parachinar	000	0	3	13	03	99	02	0	797	80	0	0	9	0	1	65	xx
	Miranshah	000	0	4	05	02	98	02	1	425	69	4	0	8	4	0	76	91
	Wana	000	0	5	07	16	99	02	3	434	84	5	5	8	0	8	xx	90
	Fort Sandeman	003	0	3	00	00	97	03	0	426	95	3	2	7	0	0	67	97
Quetta	Hindubagh	000	2	6	31	05	96	03	0	389	90	5	0	9	4	4	46	90
	Loralai	000	0	4	13	05	94	03	1	428	84	2	3	6	0	3	63	87
	Harnai	000	7	7	05	02	98	03	9	xxx	xx	3	5	2	2	3	xx	xx
	Quetta	000	0	2	36	03	95	02	0	425	88	1	1	7	1	0	58	90
	Chaman	000	0	0	18	02	98	02	0	408	95	0	0	9	0	0	61	96
Kalat	Kalat	000	0	8	23	10	96	03	9	457	69	8	7	6	x	x	61	84
	Nushki	000	0	6	18	09	98	02	0	497	98	0	0	9	0	1	60	03
	Dalbandin	000	8	1	27	07	94	05	0	439	01	1	0	9	3	0	49	02
	Panjgur	000	0	8	18	07	98	03	5	461	84	8	0	9	6	x	66	84
Afghanistan	Kabul																	
	Kandahar																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

STATIONS (2)	Rainfall in Cents RRR (20)	Past weather commenced at† Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility† VV (25)	Present weather† ww (26)	Past Weather† W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud† Nh (30)	Low Cloud Form† CL (31)	Height of Lowest Cloud† h (32)	Medium Cloud form† CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	042	9	7	16	03	95	60	6	077	78	5	5	6	2	2	74	76	− 2	0	110.9	+ 6.3	126.7	140
Chittagong	017	1	8	18	09	97	61	6	074	77	6	4	4	1	x	75	76	− 8	− 1	91.4	+17.9	123.4	108
Maijdee Court	368	4	8	00	00	94	61	6	067	76	8	6	5	x	x	75	76	− 4	− 2	98.3	+19.2	130.2	115
Comilla	030	1	8	00	00	97	50	6	068	79	8	4	5	x	x	78	75	− 3	− 2	59.8	+ 0.3	85.6	94
Brahmanbaria	000	0	8	00	00	96	03	2	067	81	8	4	4	x	x	79	78	—	—	42.6	− 2.2	58.6	76
Sylhet	462	8	8	00	00	94	95	9	066	75	8	3	4	x	6	75	73	—	—	129.2	—	167.1	—
Srimangal	123	8	8	00	00	96	50	9	068	79	7	3	4	2	x	76	77	− 2	+ 2	61.6	+ 6.2	73.7	98
Mymensingh	182	9	8	00	00	96	60	9	070	77	8	6	3	x	x	75	75	− 3	− 3	67.0	+ 8.3	89.1	91
Narayanganj	173	9	8	09	02	95	61	9	062	77	6	7	4	2	x	77	76	− 3	− 3	54.5	+ 9.2	75.8	74
Dacca (Tezgaon)	335	9	8	16	02	96	29	9	054	78	5	3	4	2	x	78	75	—	—	57.6	—	73.0	—
Faridpur	020	9	6	00	00	97	03	0	051	83	6	5	7	0	0	80	77	0	1	56.8	+12.8	85.2	71
Barisal	118	4	6	00	00	96	03	9	057	83	4	7	5	6	0	78	78	− 1	0	94.9	+42.1	109.7	81
Khulna	000	0	5	00	00	97	01	2	058	85	5	5	7	0	0	79	75	+ 2	− 2	60.0	+14.2	80.9	68
Satkhira	000	0	7	00	00	95	03	2	060	86	7	6	7	0	0	77	80	+ 1	+ 3	45.2	+ 2.3	63.3	65
Jessore	000	0	8	18	05	97	03	2	055	83	5	4	6	6	x	80	79	—	—	45.3	+ 4.5	95.5	65
Sirajganj	005	0	8	00	00	97	03	6	054	84	7	4	5	0	0	79	79	− 1	+ 1	58.0	+16.2	82.8	64
Bogra	022	0	8	09	02	96	03	2	058	80	3	5	6	2	0	75	76	− 1	− 2	52.4	+ 6.3	71.5	69
Dinajpur	024	3	7	00	00	96	02	2	051	80	7	4	7	0	0	77	77	− 3	− 1	31.6	−20.3	48.9	72
Rangpur	000	0	8	05	05	96	3	2	xxx	xx	x	x	x	x	x	75	77	+ 1	0	48.8	− 8.3	68.7	84
Jammu																							—
Lahore (Jail Rd.)	027	4	0	00	00	96	02	9	039	79	0	0	9	0	0	75	74	− 8	+ 2	*21.7	+ 7.5	25.5	19
Sialkot	401	3	6	00	00	98	1	6	034	76	6	4	6	x	x	75	72	− 10	− 2	49.3	+26.6	54.7	32
Jhelum	007	1	5	13	02	97	20	5	034	79	2	2	6	3	0	72	75	—	—	35.5	—	45.8	—
Rawalpindi	187	9	8	00	00	97	61	9	035	73	8	7	6	0	0	72	72	− 13	+ 3	35.0	+12.2	48.1	36
Khushab	000	0	6	09	07	99	03	1	046	79	6	2	6	0	0	74	78	− 3	+ 2	14.1	+ 4.2	19.6	15
Lyallpur	000	0	5	00	00	96	02	0	038	80	5	0	9	0	4	73	78	− 4	+ 4	14.0	+ 5.0	16.8	12
Montgomery	000	0	0	00	00	96	00	0	035	82	0	0	9	0	0	72	77	− 6	+ 2	6.1	− 0.9	8.4	10
Multan	000	0	0	23	05	97	05	0	025	82	0	0	9	0	0	75	80	0	+ 3	5.8	+ 1.0	7.9	7
Leiah	000	0	2	13	08	98	05	1	011	82	0	0	9	2	0	78	75		—	4.6	—	6.5	8
Khanpur	000	0	0	20	07	96	02	0	028	81	0	0	9	0	0	74	78	− 1	3	0.5	− 4.4	1.3	6
Bahawalpur	000	0	[illegible]	20	7	97	00	0	033	82	0	0	9	0	0	75	79	− 5	+ 5	5.4	+ 1.2	6.4	4
Fort Abbas																							4
Chakdara	000	0	8	00	°0	97	02	2	025	75	8	0	8	6	x	71	74	—	—	9.9	—	24.5	—
Peshawar	000	0	8	31	05	96	03	2	022	78	7	7	3	2	x	75	76	− 5	+ 5	8.0	+ 3.8	21.9	14
Haripur	084	9	8	23	04	96	05	6	021	72	8	7	6	0	0	61	71	—	—	19.3	—	30.2	—
Campbellpur	000	2	8	13	03	98	03	1	050	78	8	7	5	0	0	74	81	—	—	21.6	—	35.5	—
Bannu	000	0	8	0	00	98	02	6	083	79	8	3	6	x	x	74	79	—	—	10.9	—	17.8	11
D. I. Khan	000	0	5	05	02	98	02	1	020	81	0	0	9	0	5	76	78	− 2	+ 3	10.2	+ 4.9	13.9	10
Sibi	000	9	8	13	02	97	02	2	020	83	8	7	3	0	0	73	82	—	—	3.4	—	4.1	5
Nokkundi	000	0	0	34	02	97	2	0	02[illegible]	81	0	0	9	0	0	56	79	—	—	0	—	1.1	2
Turbat	010	0	9	09	02	95	02	2	030	79	0	0	9	8	0	76	xx	—	—	2.9	—	7.3	—
Jiwani	000	0	8	23	02	98	03	3	045	83	6	6	4	3	x	77	81	—	—	0.3	—	5.9	4
Pasni	001	0	7	36	00	97	00	0	047	79	7	0	9	5	0	76	79	− 6	+ 6	0.6	− 0.3	3.2	6
Ormara	069	0	8	00	00	98	03	2	040	78	8	2	4	0	0	78	76	—	—	1.6	+ 0.8	4.1	6
Las Bela																							8
Karachi (Manora)	000	0	6	25	07	97	03	1	054	81	6	0	9	4	0	77	76	+ 1	− 1	16.5	+10.5	16.5	8
Karachi (Air Port)	000	9	7	25	05	97	03	2	053	80	1	5	6	5	0	76	77	—	—	22.6	—	22.9	—
Badin	000	5	9	23	02	95	03	2	047	79	8	9	7	0	0	76	77	− 8	+ 1	11.2	+ 4.0	11.2	9
Nagarparker	000	0	4	00	00	96	02	2	057	78	4	6	7	0	0	68	75	—	—	38.0	—	38.0	—
Umarkot	000	0	0	18	07	98	00	0	046	77	0	0	9	0	0	75	74	—	—	18.8	—	19.5	—
Hyderabad	000	0	2	20	05	97	03	0	047	80	2	8	6	0	0	75	76	− 8	0	14.6	+ 8.8	15.4	7
Pad-i-dan	000	0	1	16	14	98	01	0	025	80	1	0	9	1	0	73	75	—	—	7.3	—	7.5	—
Nawabshah	000	0	0	18	09	97	02	0	037	80	0	0	9	0	0	73	76	—	—	6.4	—	7.1	—
Sukkur	000	9	2	20	03	96	01	2	023	79	0	0	9	0	8	73	77	—	—	3.6	—	4.6	4
Kashmore	000	0	4	18	05	99	00	0	026	81	4	1	6	0	0	72	78	—	—	2.0	—	2.1	—
Jacobabad	000	0	0	13	02	91	02	0	026	81	0	0	9	0	0	75	78	− 9	+ 2	3.8	+ 1.6	4.5	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																							—
Gilgit																							5
Murree	067	9	9	13	20	90	95	9	477	60	9	x	0	x	x	59	58	− 3	+ 2	49.2	+15.1	74.5	59
Drosh	000	0	3	00	00	97	03	0	438	75	3	1	7	0	0	61	74	+ 9	+ 10	1.3	—	30.4	18
Cherat	003	0	8	23	01	91	46	6	423	68	8	5	6	x	x	68	68	− 10	+ 3	20.2	+ 8.5	30.2	29
Kakul	014	9	7	13	03	96	03	6	446	70	7	7	3	6	0	68	67	—	—	48.2	—	52.9	—
Landi Kotal	000	0	6	05	03	98	02	2	435	73	6	6	4	0	0	69	xx	—	—	2.5	—	17.6	—
Parachinar	120	0	7	00	00	99	00	0	796	61	0	n	9	1	0	61	xx	—	—	13.4	—	27.3	29
Miranshah	000	0	8	00	00	99	03	2	438	78	8	3	7	0	0	71	76	—	—	2.7	− 1.7	5.7	13
Wana	000	0	4	16	02	99	10	2	444	76	4	0	8	2	0	69	73	—	—	5.4	—	14.1	—
Fort Sandeman	000	0	2	00	00	97	03	0	447	78	2	1	7	0	0	69	73	+ 6	+ 9	7.1	+ 2.2	15.9	11
Hindubagh	000	0	0	29	03	98	00	0	404	73	0	0	9	0	0	55	72	—	—	4.6	—	12.6	—
Loralai	000	0	2	00	00	92	01	1	426	69	2	2	4	0	0	67	66	—	—	7.1	—	13.0	
Harnai	000	0	0	09	02	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 1.1	12.7	14
Quetta	000	0	0	00	00	92	00	0	460	67	0	0	9	0	0	61	62	—	—	4.7	+ 3.7	10.2	8
Chaman	000	0	0	18	02	98	00	0	446	79	0	0	9	0	0	54	xx	+ 6	x	0.2	0.0	6.2	7
Kalat	105	0	0	18	05	97	02	0	475	62	0	0	9	0	0	60	58	+ 1	+ 11	6.3	+ 5.1	11.0	9
Nushki	000	0	0	09	02	98	02	0	484	82	0	0	9	0	0	67	76	—	—	1.1	—	2.9	—
Dalbandin	000	9	1	00	00	94	06	1	449	78	1	0	9	3	0	59	77	+ 3	+ 14	0.2	− 0.1	2.2	5
Panjgur	008	1	0	09	02	98	03	6	465	73	8	6	5	0	0	67	69	− 10	+ 6	2.5	—	4.1	4
Kabul																							12
Kandahar																							—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted,
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted
RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M.T. of the same day
Whenever 999 is given for RRR see the summary above for the actual amounts of rain

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 19th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ... W	PPP TT	$N_hC_hh_hC_MC_H$	D_aV_as PP	8 N, Ch, h_s	O T, T, T_d T_d	$Id_ad_aPH_a$
	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Bulimba	... ...	63 224	686 00	7 29 09	97 02 3	068 80	70 9 30	76 71 0	...	0 51 76	1 28 21
Bulimba	... ...	63 235	675 04	7 24 09	98 02 2	100 82	78 6 60	76 30 5	...	0 00 76	1 23 32

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTcTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100mb
			HHHTTT TcTcTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	004 258 242	040 212 192	...	420 132 118	...	062 065 042	316 518 532	772 572 592	497 665 685	961 785	236 035	...	...
Jiwani														
Karachi	00 00	002 255 245	040 252 999	...	425 185 135	..	140 138 525	310 068 999	861 512 999	606 618 999	974 765	...	...	...
Lahore	23 00	979 238 232	...	..	431 168 999	...	049 058 999	286 542 999	797 642 999	348 758 999	...	..	...	...
Multan														
Peshawar	23 00	961 255 245	...	...	430 195 195	...	078 128 128	356 068 602	830 525 999	570 612 999	...	...	...	...
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT TcTcTc							Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	TROPOPAUSE St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	900 168 152	890 112 092	613 002 528	350 732 768	...	...	...	...	...	350 732 768	...	..
Jiwani													
Karachi	00 00	880 162 112	...	...	...	...	...	...	...	...	880 162 112	...	...
Lahore	23 00	900 200 200	890 135 999	640 000 999	313 860 999	...	...	...	...	...	313 860 999	...	...
Multan													
Peshawar	23 00	900 212 212	890 178 178	350 665 999	330 700 999	...	...	...	...	...	330 700 999	...	...
Quetta													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of oC.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

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	A 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	18 05	17 05	23 03	27 02	27 03	22 04	16 05	13 03	03 07	20 06	21 07	21 06	22 05	19 05	15 04	18 03	20 04	19 04	21 08	21 04	21 08	...	...	...	...	...
Chaklala	...	12 06	12 07	24 08	24 08	30 09	...	...	..	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Chhor	22 09	22 09	21 09	...	...	...	...	...	...	21 23	13 30	23 20	14 19	...	...	22 23	21 22	22 22	...	...	...	...	...	...	...	...
Chittagong	21 10	21 13	22 14	22 11	...	...	...	...	...	18 17	18 17	19 17	21 17	21 18	...	21 14	22 17	23 15	...	...	...	...	...	...	...	...
Cox's Bazar	24 10	22 10	24 11	...	...	...	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Dacca	21 07	23 07	26 05	29 04	31 03	24 06	27 07	29 07	22 04	25 08	25 07	25 06	...	...	...	19 08	22 10	23 11	24 12	22 08	19 12	...	...	...	...	...
Dalbandin	...	...	21 05	26 07	30 04	04 09	05 13	05 14	06 18	...	...	28 20	26 16	33 12	01 03	...	...	...	45 12	23 13	34 07	20 01	...	...	...	...
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	22 18	21 11	20 13	21 41	20 39	...	...	...	23 01	21 02	26 02	...	...	...	03 02	23 07	19 05	17 05	31 03	...	...	...
Fort Sandeman	No	Ascent	...	...	...	...	...	...	...	...	...	...	05 03	27 04	32 23	...	...	...	35 02	25 04	31 13	...	...	...	...	...
Jacobabad	16 10	17 08	17 05	26 02	20 03	...	...	...	...	18 17	21 13	21 07	04 04	31 10	25 14	14 03	15 03	23 03	35 02	25 03	15 03	...	...	...	...	...
Jessore	28 04	25 15	25 17	...	...	...	...	...	...	22 11	22 11	21 11	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Jhelum	13 04	16 09	17 06	21 07	32 09	04 07	...	...	...	09 06	14 14	14 05	18 02	...	...	19 01	14 05	12 06	...	...	...	...	...	...	...	...
Jiwani	19 09	12 08	11 08	07 06	06 07	05 08	...	...	...	25 09	25 03	05 03	06 04	0, 07	03 20	20 07	19 07	14 05	09 04	36 07	...	...	...	...	...	...
Karachi	23 17	23 19	22 19	21 19	21 04	16 06	17 17	19 16	20 16	24 15	24 17	24 10	...	...	...	23 13	23 19	24 17	27 11	...	...	...	...	...	...	...
Khanpur	22 22	23 30	23 36	22 29	21 68	...	...	...	...	21 22	22 41	23 42	...	...	...	18 11	19 11	19 11	18 05	14 01	27 02	...	...	...	...	...
Lahore	09 06	33 12	32 13	...	...	...	...	...	...	17 11	22 12	24 10	29 14	27 07	33 09	33 05	26 03	27 08	44 06	28 06	32 11	...	...	...	...	...
Multan	21 05	20 17	18 15	20 04	25 06	34 07	35 17	31 16	31 12	21 19	22 27	23 19	22 06	32 01	34 09	20 08	20 14	19 13	17 06	21 05	31 11	...	...	...	...	...
Muscat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	06 10	05 12	09 04	...	...	...	...	...	...	35 06	...	...	...	...	...	36 06	02 04	54 51	...	...	...	...	...	...	...
Quetta	...	...	...	...	30 06	32 03	34 04	33 04	35 05	...	...	...	...	30 07	30 15	...	...	...	...	29 02	34 06	...	...	...	...	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	05 06	36 02	14 03	24 06	22 04	15 04	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The actual times of observations may vary within half an hour of the so called time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	25 09	26 07	26 09	26 13	25 07	25 15	24 15	23 08	21 06	15 13	12 15	20 10						
Karachi	26 17	22 14	24 15	25 14	26 10	21 05	19 11	19 17	18 20	19 11	15 11	13 04	14 03	09 17	...	...	...	...
Peshawar	..	33 17	05 12	xx xx	31 06	31 21	30 27	30 31	30 25	31 13	39 30	...	...	...	...	...	...	...
Quetta																		

*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V,V, etc.)

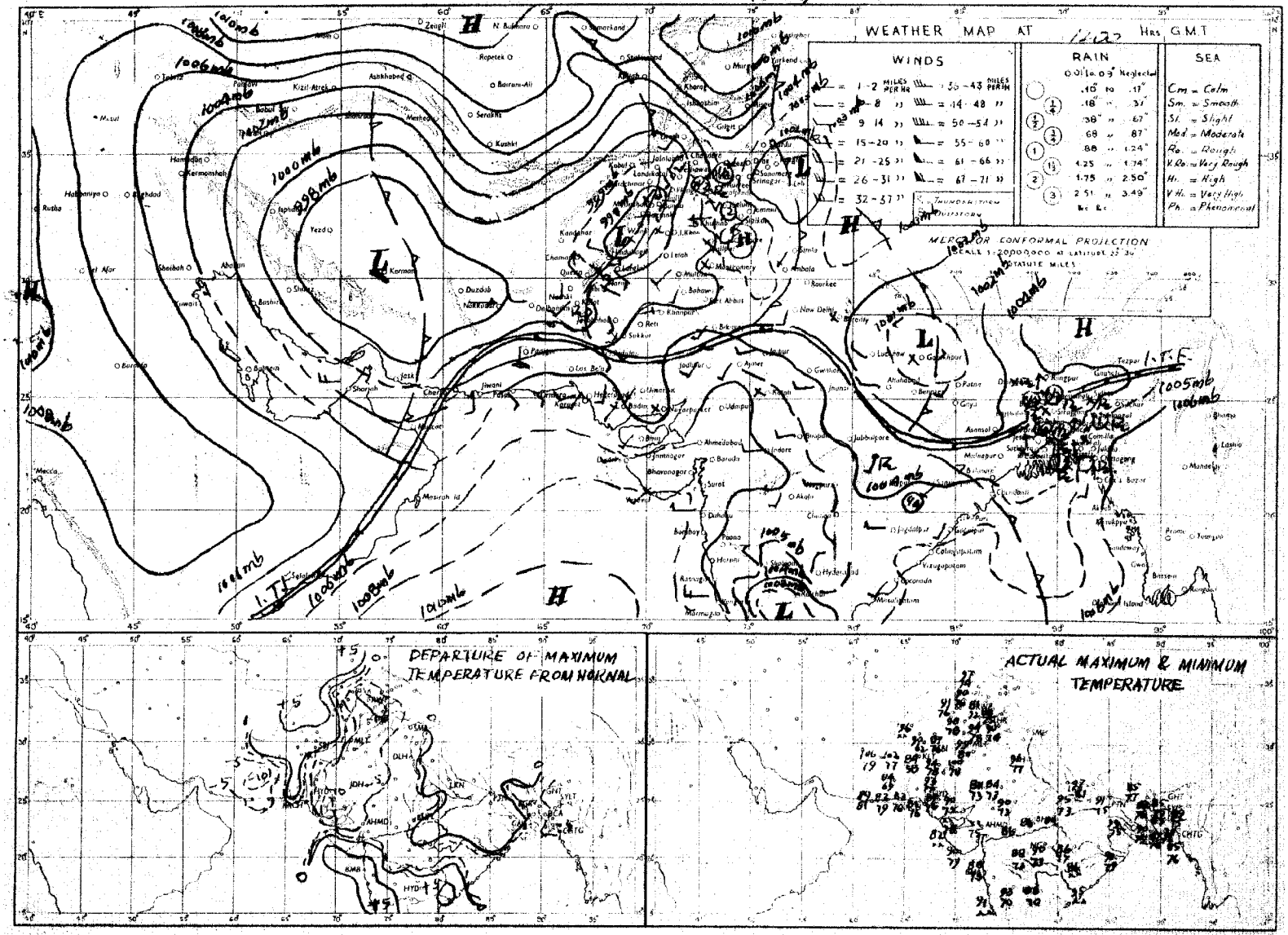
12 571 61 814 12 530 61 804

11 715 62 029

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

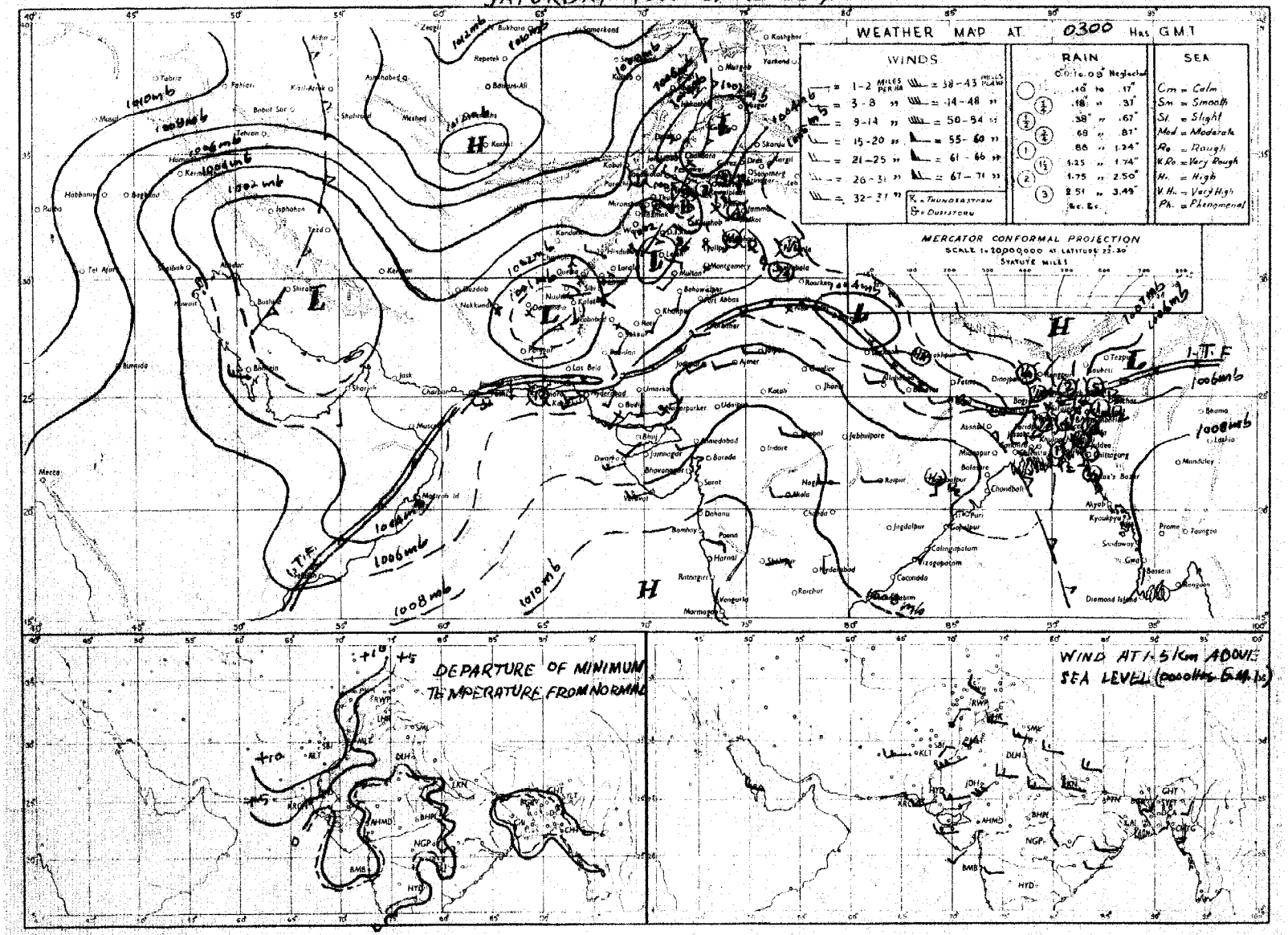
FRIDAY 18th SEPTEMBER, 1953.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

SATURDAY 19th SEPTEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SUNDAY, THE 20th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave is now moving across Rawalpindi division and adjoining areas.

Local rain/thundershowers have occurred in Rawalpindi division and scattered in Bahawalpur, Peshawar and south Kalat divisions.

Isolated duststorms have also occurred in D. I. Khan and Quetta divisions.

Rain/thundershowers have been widespread in Chittagong and Dacca divisions and fairly widespread in Rajshahi division.

Chief amounts of rainfall are:- Cox's Bazar and Bogra 3" each, Faridpur and Khulna 2" each, Chittagong and Sylhet 1½" each, Srimangal 1", Maijdee Court, Comilla, Narayanganj, Dacca and Sirajganj 3/4" each, Satkhira ½" and Brahmanbarla, Barisal, Dinajpur and Haripur ½" each.

Day temperatures were:- 4—8°F below normal in Hyderabad, Khairpur, Bahawalpur, Multan, Lahore, Rawalpindi, D. I. Khan, lower Peshawar divisions and East Pakistan and 3—5°F above normal in north Kalat and Quetta divisions.

Forecast valid until the evening of 21st September, 1959. Fairly widespread rain/thundershowers will occur in East Pakistan, local in Rawalpindi division and Kashmir and scattered in Peshawar, D. I. Khan and Bahawalpur divisions.

Karachi-11
The 20th September, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 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	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past weather † W	Sea level pressure (mbs. and tenths)* PPP	Dry Bulb temperature °F TT	Amount of Lowest Cloud Nh	Low Cloud form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form † CH	Dewpoint temperature °F TdTd	Maximum temperature °F TxTx
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	Cox's Bazar	031	9	6	21	03	96	07	5	032	81	3	5	6	5	2	78	83
	Chittagong	002	8	5	18	05	97	02	6	036	79	4	2	5	2	0	78	83
	Maijdee Court	077	9	5	00	0	95	03	6	023	79	2	4	7	6	0	77	80
	Comilla	000	^	8	00	00	95	02	2	026	80	8	4	5	x	x	77	82
	Brahmanbaria	024	7	8	00	00	95	03	6	019	80	8	4	4	x	x	77	84
	Sylhet	079	9	8	00	00	96	03	6	024	76	3	8	5	2	x	75	78
	Srimangal	084	4	8	00	00	96	03	9	022	79	8	3	4	x	x	78	83
Dacca	Mymensingh	012	8	8	00	00	98	02	6	025	80	8	4	6	x	x	77	82
	Narayanganj	078	9	8	18	02	95	03	6	011	78	3	5	5	2	x	77	86
	Dacca (Tezgaon)	063	7	8	00	00	97	02	9	011	77	2	3	5	7	x	76	82
	Faridpur	212	8	8	00	00	96	02	6	045	87	8	4	6	x	x	77	83
	Barisal	020	4	6	09	09	96	03	9	018	80	6	7	6	0	0	77	87
Rajshahi	Khulna	170	3	8	00	00	96	01	6	019	78	8	5	7	x	x	77	93
	Satkhira	027	0	8	31	00	94	03	6	021	79	x	x	x	x	x	74	90
	Jessore	021	5	8	18	02	95	03	6	022	80	8	8	3	x	x	79	90
	Sirajganj	080	7	8	00	00	96	51	9	994	78	7	7	4	0	0	77	85
	Bogra	300	4	8	18	02	96	61	9	001	76	4	2	6	2	x	76	87
	Dinajpur	000	9	7	00	00	94	02	2	008	81	5	7	6	2	1	77	85
	Rangpur	010	6	3	05	02	96	01	6	xxx	80	3	5	6	0	0	76	81
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	6	4	27	02	96	01	2	990	90	4	2	6	0	0	73	92
	Sialkot	000	4	1	00	00	98	01	1	993	86	1	2	6	0	0	79	87
Rawalpindi	Jhelum	000	8	5	00	00	97	01	2	994	87	3	1	7	3	0	74	90
	Rawalpindi	009	4	6	00	00	98	02	5	004	81	2	4	6	5	0	78	86
	Khushab	000	0	3	09	02	96	05	4	992	91	3	3	6	0	0	75	92
Multan	Lyallpur	000	0	5	20	02	96	02	1	002	91	0	0	9	0	2	73	93
	Montgomery	000	0	6	13	03	96	03	1	997	91	3	3	7	3	0	70	94
	Multan	000	0	3	18	02	97	02	0	988	93	2	1	6	0	1	74	94
Bahawalpur	Leiah	000	0	5	05	02	96	17	2	988	92	4	1	8	0	0	57	96
	Khanpur	000	0	0	25	03	96	02	0	987	98	0	0	9	0	0	75	98
	Bahawalpur	000	0	0	20	02	97	00	0	044	93	0	0	9	0	0	73	95
	Fort Abbas																	
Peshawar	Chakdara	000	0	4	23	03	97	01	1	967	81	4	1	7	0	0	71	85
	Peshawar	000	0	7	05	07	97	02	2	987	85	7	3	8	0	0	76	xx
	Haripur	043	4	4	05	02	96	03	6	983	81	4	6	6	0	0	73	83
	Campbellpur	000	0	6	09	02	98	01	1	006	66	6	0	9	7	0	77	84
D. I. Khan	Bannu	000	0	6	00	00	99	02	1	977	89	6	5	6	0	0	74	82
	D. I. Khan	000	6	2	05	02	98	03	0	972	95	2	0	9	2	0	79	96
Quetta	Sibi	000	9	4	18	02	97	03	0	984	97	4	8	5	0	0	71	98
Kalat	Nokkundi	000	0	0	31	02	98	02	0	947	03	0	0	9	0	0	45	05
	Turbat	000	0	8	23	03	95	03	1	021	88	8	0	9	8	x	80	91
	Jiwani	000	0	8	20	07	96	50	2	019	85	5	6	4	4	x	76	87
	Pasni	000	0	4	20	07	97	02	1	023	86	4	0	9	7	0	86	89
	Ormara	000	0	7	23	07	98	02	1	023	65	7	2	5	0	0	75	86
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	5	25	12	97	02	1	030	84	3	6	4	1	0	78	87
	Karachi (Air Port)	000	0	6	23	10	97	02	1	031	83	6	5	5	0	0	75	86
	Badin	000	3	8	23	03	95	03	2	047	85	8	9	7	x	x	81	87
	Nagarparker	000	0	0	00	00	97	00	0	942	98	0	0	9	0	0	70	89
	Umarkot	000	0	8	23	09	98	02	2	023	64	8	5	6	x	x	75	89
	Hyderabad	000	0	5	23	09	97	01	2	023	86	2	8	6	3	0	73	89
Khairpur	Pad-i-dan	000	0	1	13	09	98	01	0	991	95	1	1	6	0	0	73	97
	Nawabshah	000	0	1	18	09	97	01	0	008	91	1	5	6	0	0	73	93
	Sukkur	000	8	2	25	02	96	01	1	985	96	0	0	9	0	3	79	98
	Kashmore	000	0	0	18	03	99	00	0	984	93	0	0	9	0	0	71	95
	Jacobabad	000	0	1	13	05	97	03	0	987	95	1	1	6	0	0	84	96
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	005	9	8	05	02	95	03	9	436	62	8	5	2	x	x	60	64
Peshawar	Drosh	000	0	1	23	10	98	01	9	380	89	1	1	7	0	0	49	96
	Cherat	000	0	8	18	03	95	47	4	423	72	8	5	6	x	x	71	73
	Kakul	001	8	3	18	07	97	01	5	430	75	3	2	6	0	0	67	78
	Landi Kotal	000	0	2	13	03	98	03	1	411	80	2	2	7	0	0	70	84
D. I. Khan	Parachinar	000	0	4	09	02	99	03	0	795	75	4	0	9	2	0	66	xx
	Miranshah	000	0	4	05	02	98	02	1	423	84	4	1	8	0	0	72	86
	Wana	000	1	3	13	07	98	00	3	414	84	3	2	8	0	0	64	88
	Fort Sandeman	000	0	3	13	03	97	03	0	405	95	3	1	7	0	0	65	96
Quetta	Hindubagh	000	1	3	25	04	98	03	0	362	90	1	0	9	1	2	45	90
	Loralai	000	0	2	18	05	98	01	1	417	84	2	0	9	3	0	57	87
	Harnai	000	5	6	09	02	98	02	6	xxx	xx	4	6	5	3	3	xx	xx
	Quetta	000	0	1	23	02	95	00	0	444	91	1	1	5	0	0	39	92
	Chaman	003	0	0	18	03	97	00	0	408	94	0	0	9	0	0	37	96
	Kalat	000	0	1	31	03	97	01	1	423	81	1	1	7	0	0	53	86
Kalat	Nushki	000	0	0	31	02	98	02	0	489	00	0	0	9	0	0	65	02
	Dalbandin	000	8	0	25	03	96	02	0	423	01	0	0	9	0	0	44	02
	Panjgur	000	0	2	00	00	98	03	0	448	86	2	0	9	2	0	68	97
Afghanistan	Kabul	000	0	0	18	02	99	00	0	452	81	0	0	9	0	0	62	89
	Kandahar																	

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 cloud amount N	Wind direction in tens of degrees dd	Wind speed in knots ff	Horizontal visibility † VV	Present weather † ww	Past Weather † W	Sea level Pressure (mbs. and tenths)* PPP	Dry Bulb temperature TT	Amount of Lowest Cloud † Nh	Low Cloud Form † CL	Height of Lowest Cloud † h	Medium Cloud form † CM	High Cloud form† CH	Dewpoint temperature °F. TdTd	Minimum Temperature °F TnTn	Departure from Normal of Maximum Temperature TxTx	Departure from Normal of Minimum Temperature TnTn	Rainfall Since 1st June 1959 to date	Rainfall Departure from normal	Rainfall Since 1st January 1959 to date	Rainfall Annual normal
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	323	9	8	25	02	93	65	6	062	75	7	4	5	2	x	75	75	− 4	− 1	114.1	+ 9.1	130.0	140
	Chittagong	128	9	8	16	05	97	02	6	056	77	6	4	4	2	x	76	76	− 4	− 1	92.7	+18.9	124.7	108
	Maijdee Court	077	9	5	13	05	97	03	6	042	82	5	3	4	0	0	79	xx	− 7	x	99.1	+19.3	130.9	115
	Comilla	075	1	8	00	00	97	02	6	037	82	8	4	5	x	x	79	78	− 6	+ 1	60.6	+ 0.6	86.8	94
	Brahmanbaria	028	0	8	18	02	96	03	2	032	82	6	4	4	2	x	79	78	—	—	42.9	− 2.3	88.9	76
	Sylhet	149	8	8	00	00	95	63	6	038	76	6	7	3	2	x	76	75	—	—	130.7	—	166.6	—
	Srimangal	111	9	8	00	00	96	95	9	042	78	7	3	4	2	x	75	76	− 8	+ 1	62.7	+ 6.9	74.8	98
Dacca	Mymensingh	012	0	8	00	00	97	02	2	038	79	8	7	6	x	x	78	72	6	− 6	67.1	+ 7.9	89.3	91
	Narayanganj	082	9	8	21	03	96	03	6	033	84	7	4	6	3	x	77	73	− 2	− 6	55.4	+ 9.6	76.7	74
	Dacca (Tezgaon)	084	9	7	23	05	97	02	6	030	81	6	4	4	6	0	78	77	—	—	58.5		73.8	—
	Faridpur	212	9	5	16	02	97	03	0	049	83	5	5	7	0	0	77	74	− 4	− 4	58.9	+13.6	7.3	71
	Barisal	021	9	6	09	01	97	03	6	038	83	5	0	5	4	0	79	77	− 1	1	95.1	+41.9	110.0	81
Rajshahi	Khulna	197	1	7	18	02	96	01	6	063	77	7	4	6	x	x	76	75	+ 2	− 2	62.0	+15.9	82.9	68
	Satkhira	077	0	4	00	00	96	01	0	040	84	4	3	8	0	0	78	78	+ 1	+ 1	45.5	+ 2.3	63.6	65
	Jessore	048	9	6	18	03	97	02	6	036	82	4	4	6	6	0	79	77	—	—	45.8	+ 4.7	96.0	65
	Sirajganj	080	9	8	00	00	97	02	6	016	81	8	2	5	x	x	78	76	− 2	− 2	58.8	+16.7	83.6	64
	Bogra	311	9	5	23	02	97	01	6	028	81	3	5	6	3	0	78	75	− 1	− 3	55.5	+ 8.9	74.6	69
	Dinajpur	026	3	7	00	00	97	02	6	050	80	7	4	7	0	0	77	77	− 3	− 1	31.9	+20.5	49.2	72
	Rangpur	013	0	7	36	02	96	01	2	xxx	81	7	5	6	0	0	77	77	− 7	0	49.9	− 8.6	88.8	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	9	0	23	02	96	02	0	006	81	0	0	9	0	0	73	78	− 6	+ 6	21.7	+ 7.4	25.5	19
	Sialkot	000	0	2	00	00	97	01	0	000	82	0	0	9	0	3	75	75	− 8	+ 1	49.3	+26.4	54.7	42
Rawalpindi	Jhelum	000	0	4	00	00	96	03	0	001	82	1	1	7	3	1	76	77	—	—	35.5	—	45.8	—
	Rawalpindi	013	4	8	02	02	96	65	5	997	77	8	5	3	0	0	73	72	− 8	+ 3	35.1	+12.3	48.2	34
	Khushab	000	0	0	00	00	96	05	4	997	85	0	0	9	0	0	78	77	− 7	+ 1	14.1	+ 4.2	17.5	15
Multan	Lyallpur	000	0	2	00	00	96	00	0	007	80	0	0	9	0	0	73	78	− 5	+ 4	14.0	+ 4.9	16.8	13
	Montgomery	000	0	0	00	00	96	00	0	004	82	0	0	9	0	0	73	78	− 6	+ 3	6.1	− 1.0	8.4	10
	Multan	000	0	0	23	03	97	05	0	000	82	0	0	9	0	0	75	81	− 5	+ 4	5.8	+ 1.0	7.9	7
Bahawalpur	Leiah	000	0	8	05	10	97	05	0	001	82	4	7	8	8	0	78	75	—	—	4.6	—	6.5	8
	Khanpur	000	0	0	25	07	96	05	0	009	81	0	0	9	0	0	75	78	− 3	+ 3	0.5	− 4.3	1.3	6
	Bahawalpur	000	0	2	20	09	97	00	0	010	83	0	0	9	0	9	73	80	− 5	+ 6	5.4	+ 1.2	6.4	6
	Fort Abbas																							4
Peshawar	Chakdara	000	0	4	00	08	99	01	2	987	74	0	0	8	4	0	70	72	—	—	9.9	—	24.5	—
	Peshawar	000	0	1	00	00	97	02	0	997	81	1	5	6	0	7	74	76	—	+ 5	8.0	+ 3.8	21.9	14
	Haripur	035	0	4	23	02	97	03	1	986	76	4	2	6	0	0	60	71	—	—	19.6	—	30.5	—
	Campbellpur	000	0	6	13	03	98	01	1	0.8	75	0	0	9	6	0	73	75	—	—	21.6	—	35.5	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	1	984	83	0	0	9	0	0	74	79	—	—	10.9	—	17.8	14
	D. I. Khan	000	2	3	00	00	98	01	1	992	85	0	0	9	0	2	78	80	− 4	+ 5	10.2	+ 4.9	13.9	10
Quetta	Sibi	000	2	2	13	02	98	01	1	004	84	0	0	9	3	0	74	83	—	—	3.3	—	4.1	5
Kalat	Nokkundi	000	0	0	31	02	98	02	0	002	82	0	0	9	0	0	36	79	—	—	0	—	1.1	2
	Turbat	040	0	8	23	02	95	50	2	067	80	0	0	9	8	0	74	xx	—	—	2.9	—	7.3	—
	Jiwani	000	0	8	23	05	96	52	2	040	82	8	6	4	x	x	78	81	—	—	0.3	—	5.9	4
	Pasni	000	0	8	23	03	97	00	0	038	82	8	5	7	0	0	78	78	0	+ 5	0.6	− 0.3	3.2	6
	Ormara	010	0	7	27	05	98	02	1	035	83	7	2	5	0	0	77	78	—	—	1.7	+ 0.9	4.2	6
	Las Bela																							8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	4	25	12	97	02	1	038	80	4	0	9	6	0	74	77	+ 2	0	16.5	+10.5	16.5	8
	Karachi (Air Port)	000	0	4	27	07	96	01	1	034	81	2	5	5	3	0	75	77	—	—	22.6	—	22.9	—
	Badin	000	0	0	23	02	96	00	0	059	80	8	0	9	0	0	76	76	− 8	0	11.2	+ 4.0	11.2	9
	Nagarparker	000	0	3	25	03	97	03	1	983	80	3	2	7	0	0	68	77	—	—	38.0	—	38.0	—
	Umarkot	000	0	4	18	05	98	00	0	028	78	4	1	6	0	0	76	75	—	—	18.8	—	19.5	—
	Hyderabad	000	0	2	23	07	97	02	0	028	79	2	5	6	0	0	75	77	− 8	+ 1	14.6	+ 8.7	15.4	7
Khairpur	Pad-i-dan	000	0	0	13	07	97	02	0	005	81	0	0	9	0	0	75	77	—	—	7.3	—	7.5	—
	Nawabshah	000	0	0	18	03	97	02	0	027	81	0	0	9	0	0	75	77	—	—	6.4	—	7.1	—
	Sukkur	000	9	0	20	03	96	00	0	008	81	0	0	9	0	0	74	78	—	—	3.5	—	4.6	4
	Kashmore	000	0	7	18	03	99	00	0	008	80	7	1	7	0	0	73	78	—	—	2.0	—	2.1	—
	Jacobabad	080	0	0	13	03	97	02	0	005	82	0	0	9	0	0	78	79	− 7	+ 3	3.8	+ 1.5	4.5	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar																							—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	005	9	2	27	05	98	01	1	438	61	2	5	2	0	0	59	56	− 5	0	49.3	+15.0	74.5	59
Peshawar	Drosh	000	0	1	00	00	98	03	0	430	71	1	1	7	0	0	57	71	+ 8	+ 7	1.3	—	30.4	18
	Cherat	000	0	8	23	01	93	47	4	437	69	8	5	6	x	x	69	68	− 11	+ 3	20.1	+ 8.4	30.1	29
	Kakul	001	1	1	31	03	99	01	1	434	71	1	1	7	0	0	65	67	—	—	49.2	—	52.9	—
	Landi Kotal	000	0	2	00	00	98	01	0	427	76	2	6	5	0	0	69	xx	—	—	2.5	—	17.5	—
D. I. Khan	Parachinar	000	0	0	36	01	99	00	0	796	63	0	0	9	0	0	56	xx	—	—	13.4	—	27.3	29
	Miranshah	000	0	4	00	00	99	02	0	418	78	4	2	7	0	0	71	73	—	—	2.7	− 1.7	5.7	13
	Wana	000	0	2	00	00	98	10	2	443	72	2	0	9	4	0	63	67	—	—	5.1	—	14.1	—
	Fort Sandeman	000	0	2	00	00	97	03	0	435	76	2	1	7	[illegible]	0	69	71	+ 5	+ 7	7.1	+ 2.2	15.9	11
Quetta	Hindubagh	000	0	0	25	03	98	00	0	405	71	0	0	9	0	0	53	70	—	—	4.6	—	12.6	—
	Loralai	000	0	0	18	02	97	00	0	424	70	0	0	9	0	0	65	63	—	—	7.1		13.0	—
	Harnai	000	5	3	09	01	97	43	3	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 1.1	12.7	14
	Quetta	000	0	0	00	00	93	00	0	457	70	0	0	9	0	0	52	59	—	—	4.7	+ 3.7	10.2	8
	Chaman	000	0	0	00	00	97	00	0	430	74	0	0	9	0	0	32	68	+ 6	+ 6	0.1	0.0	6.2	7
	Kalat	000	0	0	18	03	98	02	0	462	65	0	0	9	0	0	59	56	+ 3	+ 9	6.3	+ 5.1	11.0	9
Kalat	Nushki	000	0	0	09	03	98	02	0	463	81	0	0	9	0	0	63	78	—	—	1.1	—	2.9	—
	Dalbandin	008	0	0	00	00	95	05	0	431	78	0	0	9	0	0	33	69	+ 3	+ 6	0.2	− 0.1	2.2	5
	Panjgur	000	0	8	00	00	98	20	1	453	74	8	6	5	0	0	69	72	− 7	+ 9	2.5	—	4.1	4
Afghanistan	Kabul	000	0	0	00	00	99	00	0	487	62	0	0	9	0	0	48	48	—	—	—	—	—	12
	Kandahar																							—

Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M.T. of the same day

Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 20th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ... W	PPP TT	$N_hC_hh_hC_mC_H$	$D_aV_as_a$ PP	8 N, Ch, h_s	$O_1T_aT_wT_bT_d$	Id.d.PH..
2	3	4	5	6	7	8	9	10	11	
ARABIAN SEA										
Pakistan Prosperity	73 225	680 00	8 22 13	96 02 1	071 78					
Oraja	73 218	541 00	4 22 20	98 03 0	064 85	40 7 50	19 61 1	...	2 08 70	1 23 23
Acmaeon	73 241	585 06	2 14 06	99 03 6	034 82	23, 6 90	...	...	0 53 84	1 14 20
Pakistan Prosperity	73 212	685 12	3 20 12	97 01 6	072 87			...		
Mijdrecht	73 225	512 18	4 29 08	98 02 2	062 84	40 6 60		...	2 56 78	1 29 21
Beronice	73 160	542 18	6 14 06	98 03 1	065 77	44 6 00	26 21 5	...	0 06 72	1 14 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTwTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TwTwTd								HHHTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...	00 00	...	Missa	...	...	...	...	...	...	...	...	...	...	...
Dacca ...														
Jiwani ...	00 00	001 245 242	029 252 999	...	420 175 999	...	083 158 999	320 075 999	837 535 999	562 632 999	949 800	246 999	...	...
Karachi ...	00 00	976 255 228	003 xxxxxx	...	418 185 999	...	024 030 999	257 535 999	681 595 999	366 688 999	944 630	318 830	...	...
Lahore ...														
Multan ...														
Peshawar ...	23 00	959 260 250	...	...	410 198 198	...	081 115 105	354 052 602	816 538 999	553 622 999	968 708	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT TdTwTd	Max. Height Reached PPPTTT TdTwTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18 19 20 21 22 23 24 25 26	27	28	29
Bogra ...					
Chittagong ...	00 00	... Missa	...	...	...
Dacca ...					
Jiwani ...	00 00				
Karachi ...	00 00	907 232 212 800 122 999 650 000 999 120 088 999	200 999 999	...	...
Lahore ...			120 088 999	...	...
Multan ...					
Peshawar ...	23 00	900 228 226 800 142 162 350 655 999 250 848 999 225 890 999	235 890 999	...	...
Quetta ...					

PPP—Pressure in hundreds tens and units of millibars.
TTT, TdTdTd, Dry Bulb; Dew Point temperatures (in tenths of oC.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

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: 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...																										
Chaklala ...	No	Ascent	...	...	...	...	...	...	...	24 06	25 10	25 09	26 09	...	...	25 07	25 08	26 12	...	...	...	...	...	...	...	...
Chhor ...	22 20	22 25	23 25	...	...	...	...	...	...	22 21	23 26	24 27	...	...	...	22 12	22 22	32 22	...	...	...	...	...	...	...	...
Chittagong ...	20 21	22 20	23 18	23 22	23 20	24 19	...	...	...	19 17	20 15	21 15	...	...	...	19 10	20 13		...	...	...	...	...	...	...	...
Cox's Bazar ...	20 11	21 14														20 14	22 16									
Dacca ...	21 07	23 06	22 08	22 09	21 11	23 13	22 13	22 13	22 17	22 13	23 14	23 15	23 19	...	...	25 11	25 14	23 19	23 19	...	...	...	...	...	...	...
Dalbandin ...			24 09	26 12	26 08	32 13	34 04	12 03	11 05			32 07	29 05	33 03	34 15			24 05	26 10	23 04	27 06	27 11	29 13	31 03	05 03	09 05
D.I. Khan ...	...	...								...	...	...	...	...	...	...	...									
Drosh ...	...	...			22 24	20 13	18 10	16 09	34 03	...	...	...	24 04	25 09	19 07	...	...			05 07	06 09	07 11	07 12	08 13	06 16	03 29
Fort Sandeman ...				09 01	19 04	21 09	29 11	30 29	32 25				05 02	28 06	30 33				12 01	29 03	27 05	25 05	35 09	04 12	35 08	34 10
Jacobabad ...	15 07	18 08	20 06	25 06	33 05	31 05	30 08	28 13	31 11	17 17	22 15	22 07	32 07	28 16	33 13	13 04	17 03	22 03	29 10	35 05	35 05	21 05	27 11	28 12	33 06	31 08
Jessore ...	23 11	23 11	23 11	25 09						22 6						25 05	25 09	25 09	26 07							
Jhalum ...	21 02	20 04	20 05	25 07	28 10	30 15	...	...	...	06 02	25 03	28 08	31 10	31 15	...	10 01	22 01	30 05	29 08	30 10	32 09	...	...	...	...	...
Jiwani ...	18 06	...	...	...	...	...	...	...	...	22 06	10 07					22 03	22 05									
Karachi ...	24 13	24 15	24 19	25 10	26 09	...	...	...	...	26 18	25 19	25 12	31 11	31 06	29 07	26 15	27 15	18 17	33 14							
Khanpur ...	23 09	22 11	22 07	23 02	27 07	27 07	31 14	29 17	30 17	21 21	22 24	23 27	23 41	24 63	...	23 14	24 17	24 13	28 10	28 19	01 15	36 15	...	...	...	...
Lahore ...	27 09	25 09	23 07	24 12	26 09	31 12				25 12	26 19	27 12	29 11	32 12	32 20	27 04	29 06	31 05	30 04	30 08	32 18	32 17	33 09	34 17	34 15	34 18
Multan ...	19 08	17 09	18 08	22 06	26 09	30 13	29 21	31 18	31 19	21 19	22 21	22 07	03 01	27 04	30 14	20 08	20 08	18 07	09 07	34 10	29 14	28 14	30 09	35 10	36 10	01 05
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	36 06	34 09	28 30	...	...	...	03 03	35 03	28 04	30 13	30 27	30 20	29 15	32 14	...	...
Quetta ...	...	...	...	...	08 05	07 04	13 05	21 07	21 06	...				22 07	27 12	...				27 02	25 08	24 06	31 06	03 03	22 03	12 09
Sharjah ...	...	...	...	...						...	...	...	...			...	...	...	...							
Sylhet ...	22 06	24 11	24 12	25 11	25 09	24 13	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The actual times of observations may vary within half an hour of the ap cified times.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	Missa																	
Karachi ...	24 17	25 18	26 18	27 17	28 14	34 03	02 02	20 04	27 05	22 16	16 08	16 16	10 06	08 12	12 15	...	...	...
Peshawar ...		35 21	34 15	29 07	33 05	2 13	31 27	01 13	36 22	34 37	32 43	31 33	31 37	...	...	...	...	...
Quetta ...																		

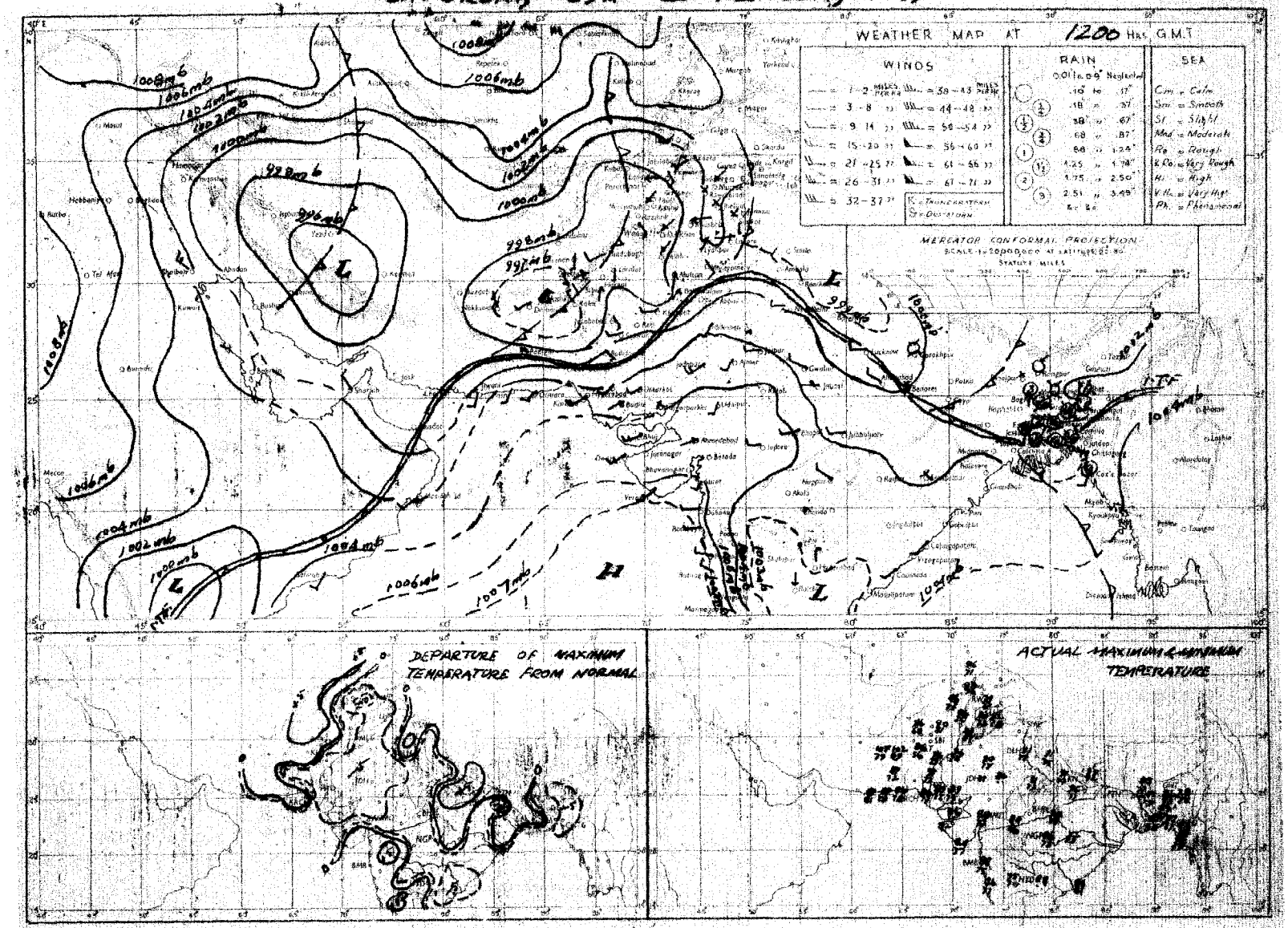
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next one figure gives the wind speed "f" in knots. If wind speed "f" exceeds 99 knots, 50 is added to "dd" and the hundred figure for wind speed "f" is omitted.

Cloud observation Data (GGiii Cdd V_sV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI-11

PAKISTAN DAILY WEATHER MAP

SATURDAY 19th SEPTEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 9 hours

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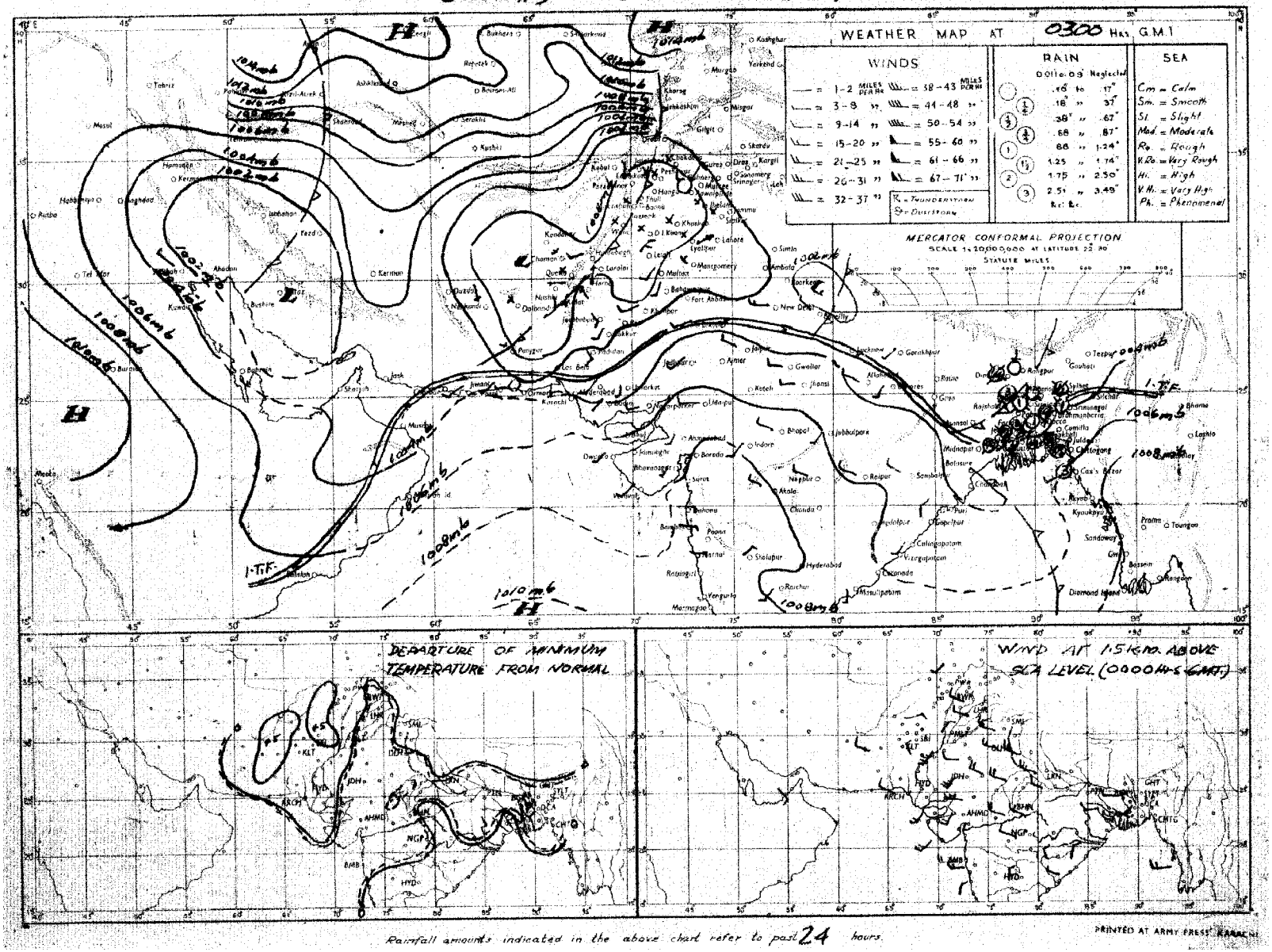
PAKISTAN DAILY WEATHER MAP

SUNDAY, 20th SEPTEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

MONDAY THE 21st SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

A low lies in east central and adjoining northeast Bay of Bengal.

Rain/thundershowers have been widespread in Chittagong and Dacca divisions and fairly widespread in Rajshahi division.

Yesterday's low pressure wave over Rawalpindi division is moving away across Kashmir and neighbourhood.

Scattered rain has fallen in Rawalpindi division.

Chief amounts of rainfall are:- Sylhet 4"; Maijdee Court and Brahmanbaria 2" each; Srimangal, Mymensingh, Khulna and Rajshahi 1½" each; Cox's Bazar and Comilla 1" each; Faridpur 3/4"; Barisal ½" and Chittagong and Rawalpindi 1/4" each.

Day temperatures were:- 3—6°F below normal in Lahore, Multan, Bahawalpur, Khairpur, Hyderabad and Chittagong divisions and 3—6°F above normal in Quetta division.

Forecast valid until the evening of 22nd September, 1959. rain/thundershowers will be fairly widespread in East Pakistan. scattered thunderstorm/showers will occur in Peshawar and Rawalpindi divisions and in Kashmir.

Heavy Rainfall Warning:- Locally moderate to heavy rain will fall in Chittagong division during the next 24 hours.

Karachi-11
The 21st September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	046	9	7	20	03	96	02	6	033	79	6	4	6	1	0	78	89
	Chittagong	008	1	8	18	09	97	21	6	029	77	5	4	5	2	x	78	82
	Maijdee Court	145	2	6	18	05	96	03	6	018	81	4	5	6	2	0	78	86
	Comilla	006	5	8	00	00	95	02	5	xxx	xx	8	4	5	x	x	78	82
	Brahmanbaria	004	4	8	18	02	95	03	6	007	81	8	4	3	x	x	80	84
	Sylhet	120	8	8	00	00	95	61	6	009	77	6	7	4	2	x	76	78
	Srimangal	056	5	8	03	00	96	60	6	007	78	8	3	4	x	x	77	82
Dacca	Mymensingh	059	3	8	09	02	97	02	6	004	79	8	6	4	x	x	78	88
	Narayanganj	000	9	8	20	03	96	17	2	005	85	5	4	5	7	x	76	90
	Dacca (Tezgaon)	001	9	7	18	02	97	17	6	999	79	7	3	5	0	0	78	83
	Faridpur	000	6	5	00	00	96	02	0	005	83	3	4	7	1	0	77	89
	Barisal	062	4	7	00	00	97	03	6	016	78	7	0	8	6	0	77	88
Rajshahi	Khulna	087	3	3	00	00	96	01	6	016	80	3	5	7	0	0	78	92
	Satkhira	051	0	6	13	02	95	01	6	010	84	6	6	8	0	0	79	90
	Jessore	000	6	6	18	03	96	02	2	022	80	4	4	6	6	0	79	90
	Sirajganj	000	0	6	00	00	97	03	1	971	86	4	9	6	0	4	79	89
	Bogra	000	0	7	23	05	96	17	2	994	85	4	9	5	2	2	77	89
	Dinajpur																	
	Rangpur	010	5	5	18	02	96	01	6	xxx	82	5	5	6	0	0	78	87
Kashmir	Jammu																	
Lahore	Lahore (Hall Rd.)	000	6	0	27	02	96	02	1	978	92	0	0	9	0	0	75	94
	Sialkot	000	0	0	23	02	96	02	0	970	97	0	0	9	0	0	78	98
Rawalpindi	Jhelum	030	8	1	23	03	97	01	1	972	91	1	1	7	0	0	77	95
	Rawalpindi	035	9	2	00	00	97	01	5	986	88	2	2	8	0	0	80	90
	Khushab	000	0	2	09	02	96	05	4	968	96	2	3	6	0	0	73	98
Multan	Lyallpur	000	0	5	25	02	96	02	0	970	95	5	0	9	4	0	73	95
	Montgomery	000	0	4	00	00	96	01	0	976	91	2	2	7	9	0	74	95
	Multan	000	0	1	13	02	98	01	0	972	94	1	1	6	0	0	74	95
Bahawalpur	Leiah	000	0	0	00	00	97	00	0	970	96	0	0	9	0	0	71	03
	Khanpur	000	0	2	05	03	97	03	0	970	97	0	0	9	0	2	78	98
	Bahawalpur	000	0	4	20	02	97	03	0	980	97	4	1	8	0	0	77	97
	Fort Abbas	000	9	4	20	03	98	02	1	010	91	4	0	9	4	0	67	95
Peshawar	Chakdara	000	0	1	23	03	99	01	1	963	88	1	1	7	0	0	72	89
	Peshawar	000	0	1	05	03	97	02	0	961	91	1	1	6	0	0	73	92
	Haripur	030	0	0	05	02	97	00	0	044	89	0	0	9	0	0	77	91
	Campbellpur	000	0	0	13	03	98	00	0	965	92	0	0	9	0	0	75	93
D. I. Khan	Bannu	000	0	3	13	01	99	03	0	939	85	3	1	6	0	0	72	97
	D. I. Khan	000	6	0	00	00	98	00	0	953	90	0	0	9	0	0	61	00
Quetta	Sibi	000	0	0	18	03	99	00	0	965	00	0	0	9	0	0	71	01
Kalat	Nokkundi	000	0	0	34	02	98	02	0	954	00	0	0	9	0	0	42	03
	Turbat	000	0	3	18	03	96	03	1	077	80	3	0	9	6	0	80	91
	Jiwani	006	9	2	18	09	97	01	5	011	87	1	6	4	4	0	75	88
	Pasni	000	0	1	23	16	97	02	0	017	87	1	5	7	0	0	77	90
	Ormara	000	0	4	23	07	98	01	1	008	86	4	0	9	2	0	76	87
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	6	25	14	97	03	1	018	85	6	0	9	3	0	78	87
	Karachi (Air Port)	000	0	7	23	07	96	02	2	018	83	5	5	5	3	0	77	86
	Badin	000	0	0	23	02	97	00	0	031	86	0	0	9	0	0	74	90
	Nagarparker	000	0	0	20	21	98	00	0	053	88	0	0	9	0	0	79	89
	Umarkot	000	0	6	20	07	98	02	1	002	68	6	2	6	0	0	75	90
	Hyderabad	000	0	6	23	10	97	02	1	008	87	2	5	6	3	0	75	91
Khairpur	Pad-i-dan	000	0	0	13	09	97	02	0	977	97	0	0	9	0	0	74	98
	Nawabshah	000	0	0	18	05	97	02	0	991	95	0	0	9	0	[illegible]	73	96
	Sukkur	000	0	0	20	03	96	00	0	967	96	0	0	9	0	0	76	00
	Kashmore	000	0	0	18	03	99	00	0	973	95	0	0	9	0	0	73	96
	Jacobabad	000	0	0	16	07	97	02	0	971	97	0	0	9	0	0	83	98
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	8	31	02	96	03	1	422	66	8	5	2	x	x	61	68
Peshawar	Drosh	000	0	0	23	12	98	02	0	371	93	0	0	9	0	0	44	94
	Cherat	000	0	0	18	03	98	00	0	422	79	0	0	9	0	0	77	81
	Kakul	000	8	3	18	05	98	01	1	421	79	3	2	6	0	0	69	82
	Landi Kotal	000	0	1	05	03	98	01	0	413	85	1	1	7	0	0	77	90
D.I. Khan	Parachinar	000	0	2	13	02	99	02	0	795	82	2	0	9	2	0	75	xx
	Miranshah	000	0	4	05	02	99	02	1	xxx	xx	4	2	7	0	0	71	91
	Wana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman	000	0	0	00	00	98	02	0	405	95	0	0	9	0	0	61	97
	Hindubagh	000	0	0	20	04	98	00	0	375	88	0	0	9	0	0	51	88
	Loralai	000	0	0	13	07	98	00	0	400	86	0	0	9	0	0	53	89
	Harnai	000	4	3	09	02	98	06	0	xxx	xx	3	3	4	0	0	xx	xx
	Quetta	000	0	1	27	07	97	03	0	414	87	1	1	6	0	0	50	89
	Chaman	000	0	0	20	02	97	00	0	422	93	0	0	9	0	0	35	94
Kalat	Kalat	000	0	0	34	09	98	02	0	423	80	0	0	9	0	0	49	83
	Nushki	000	0	0	09	02	98	02	0	477	98	0	0	9	0	0	6	00
	Dalbandin	000	5	1	23	05	96	01	0	430	00	1	1	8	0	0	37	01
	Panjgur	000	0	0	23	03	98	00	0	441	92	0	0	9	0	0	63	93
Afghanistan	Kabul	000	0	0	09	02	99	00	0	452	83	0	0	9	0	0	60	90
	Kandahar																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	107	6	8	31	07	96	02	6	079	76	7	4	6	2	x	74	75	— 7	— 1	115.2	+ 9.7	131.0	100
Chittagong	033	9	8	16	02	95	61	6	002	77	8	6	3	x	x	76	76	— 5	0	93.0	+18.9	125.1	100
Maijdee Court	190	6	8	10	00	97	03	6	073	78	6	5	5	2	x	76	77	— 1	— 1	100.1	+20.4	131.0	115
Comilla	107	3	8	00	00	97	02	6	070	78	8	4	5	x	x	77	75	— 6	— 2	61.7	+ 1.3	87.7	94
Brahmanbaria	180	2	8	00	00	95	03	6	069	77	8	7	3	x	x	75	75	—	—	44.7	— 0.9	60.7	76
Sylhet	423	9	8	00	00	95	61	9	067	75	7	7	3	2	x	75	73	—	—	134.9	—	172.9	—
Srimangal	167	9	8	00	00	96	95	9	074	75	8	3	4	x	x	73	73	— 9	— 2	64.4	+ 8.1	76.5	98
Mymensingh	155	9	8	18	02	98	02	9	067	81	8	4	6	x	x	77	75	0	— 2	68.7	+ 9.0	90.6	91
Narayanganj	015	5	8	09	02	95	03	6	066	81	5	4	6	2	x	77	77	+ 2	— 2	55.3	— 4.2	76.8	74
Dacca (Tezgaon)	007	3	8	13	03	97	02	9	059	82	2	3	6	7	x	78	77		—	58.5	—	73.7	—
Faridpur	087	3	6	18	02	97	03	6	039	8	3	5	7	1	0	79	75	+ 2	— 3	59.8	+25.2	88.1	71
Barisal	064	4	6	09	01	97	03	6	067	85	6	0	9	0	0	81	78	0	0	95.8	+42.1	110.6	81
Khulna	153	9	8	00	00	96	03	6	065	84	8	9	6	x	x	81	78	+ 4	+ 1	63.5	+17.2	84.4	68
Satkhira																		+ 1					65
Jessore	006	4	5	23	03	97	02	6	063	84	3	4	6	0	0	80	78	—	—	45.9	+ 3.4	56.1	65
Sirajganj	012	7	6	00	00	97	03	6	042	85	0	0	9	0	4	78	75	+ 2	— 3	58.9	+16.4	83.7	64
Bogra	000	0	6	23	02	96	03	2	054	85	3	5	6	2	8	78	77	+ 1	0	55.5	+ 9.1	74.6	69
Dinajpur	020	3	7	09	02	95	02	2	047	82	5	7	6	2	0	78	77		— 1	31.9	—10.9	49.2	72
Rangpur	015	0	4	09	02	96	01	6	xxx	81	2	5	6	2	0	77	77	— 1	—	49.1	— 8.9	68.9	84
Jammu																							—
Lahore (Hall Rd.)	000	0	1	23	05	96	02	0	006	82	1	0	9	3	0	75	79	— 4	+ 9	21.7	+ 7.5	25.5	19
Sialkot	000	0	0	00	00	98	00	0	992	83	0	0	9	0	0	79	79	+ 3	+ 7	49.5	+26.2	54.7	42
Jhelum	000	9	5	00	00	96	01	1	994	85	3	1	7	3	0	79	79	—	—	35.5	—	45.8	—
Rawalpindi	025	0	3	00	00	97	03	1	000	82	3	0	9	7	0	76	75	— 4	+ 8	35.4	+12.4	48.4	36
Khushab	000	0	0	25	02	96	05	4	005	87	0	0	9	0	0	77	81	— 1	+ 7	14.1	+ 4.1	19.5	15
Lyallpur	000	0	0	25	02	96	00	0	994	80	0	0	9	0	0	73	79	— 3	+ 7	14.0	+ 4.9	16.0	12
Montgomery	000	0	0	00	00	96	00	0	004	82	0	0	9	0	0	73	79	— 5	+ 5	6.1	— 1.0	8.4	10
Multan	000	0	0	18	05	97	05	0	995	83	0	0	9	0	0	76	81	— 4	+ 6	5.8	+ 1.0	7.9	7
Leiah	000	0	0	13	02	96	05	0	014	82	0	0	9	0	0	79	80	—	—	4.6	—	6.5	8
Khanpur	000	0	0	20	07	96	02	0	009	82	0	0	9	0	0	77	79	— 3	+ 5	0.5	— 4.3	1.3	6
Bahawalpur	000	0	0	20	07	97	00	0	025	82	0	0	9	0	0	75	81	— 3	+ 9	5.4	+ 1.2	4.4	6
Fort Abbas	...	...	—	...	...		...	...	...		...	...	...			...	...	—					4
Chakdara	000	0	0	00	08	99	00	0	987	73	0	0	9	0	0	73	71	—	—	9.9		24.5	—
Peshawar	000	0	0	00	00	96	05	0	988	85	0	0	9	0	0	75	78	— 3	+ 9	8.0	+ 3.7	21.9	14
Haripur																		—					—
Campbellpur	000	0	0	13	02	98	00	0	027	85	0	0	9	0	0	76	77	—	—	21.6	—	35.5	—
Bannu	000	0	0	00	00	99	00	0	973	85	0	0	9	0	0	75	81	—	—	10.9	—	17.8	11
D. I. Khan	000	0	0	13	02	98	00	0	988	86	0	0	9	0	0	78	80	0	+ 7	10.2	+ 4.9	13.9	10
Sibi	000	0	0	18	02	99	00	0	105	84	0	0	9	0	0	75	83	—	—	3.4	—	4.1	5
Nokkundi	000	0	0	02	05	97	02	0	019	79	0	0	9	0	0	39	78	—	—	0	—	1.1	2
Turbat	000	0	0	23	02	95	00	1	048	82	0	0	9	0	0	78	xx	—	—	2.9	—	7.3	—
Jiwani	006	0	4	23	02	96	01	2	042	82	4	6	4	0	0	76	81	—	—	0.3	—	5.9	4
Pasni	000	0	6	23	03	97	02	1	043	82	6	5	7	0	0	76	83	+ 1	+ 6	0.6	— 0.3	3.2	6
Ormara	000	0	6	27	03	98	02	1	039	81	6	4	5	0	0	77	78	—	—	1.7	+ 0.9	4.2	6
Las Bela																							8
Karachi (Manora)	000	0	7	25	14	96	03	2	043	81	7	6	4	0	0	75	78	+ 2	+ 2	16.5	+10.5	16.5	8
Karachi (Air Port)	000	6	6	25	07	96	20	5	037	81	2	6	5	5	0	79	78	—	—	22.6	—	23.9	—
Badin	000	5	8	23	02	95	03	2	052	80	8	9	7	x	x	76	76	— 5	+ 1	11.2	+ 4.1	11.2	9
Nagarparker	000	0	6	00	00	97	02	2	976	81	6	7	7	0	0	65	75	—	—	38.0	—	38.0	—
Umarkot	000	0	4	20	09	98	02	1	027	80	4	5	6	0	0	77	77	—	—	18.8	—	19.5	—
Hyderabad	000	0	2	23	09	97	03	0	030	81	1	8	6	0	1	75	78	— 6	+ 3	14.6	+ 5.7	15.4	7
Pad-i-dan	000	0	0	16	10	97	02	0	004	82	0	0	9	0	0	75	78	—	—	7.3	—	7.5	—
Nawabshah	000	0	0	17	03	96	02	0	015	81	0	0	9	0	0	75	78	—	—	6.4	—	7.1	—
Sukkur	000	9	0	20	05	96	00	0	005	81	0	0	9	0	0	77	78	—	—	3.5	—	4.6	4
Kashmore	000	0	7	18	03	99	02	1	015	81	7	1	7	0	0	75	73	—	—	2.0	—	2.1	—
Jacobabad	000	0	0	13	03	97	02	0	006	84	0	0	9	0	0	78	80	— 5	+ 5	3.8	+ 1.5	4.5	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							34
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																							—
Gilgit																							5
Murree	000	9	2	27	05	98	01	1	436	62	2	1	4	0	0	57	57	— 1	+ 3	49.3	+14.9	74.5	59
Drosh	000	0	0	00	00	98	02	0	439	71	0	0	9	0	0	55	71	+ 6	+ 11	1.3	—	30.4	18
Cherat	000	0	2	31	01	98	00	0	443	72	0	0	9	0	0	71	69	— 3	+ 5	20.1	+ 0.4	30.1	29
Kakul	000	2	0	00	00	97	01	0	431	74	1	1	7	7	0	65	67	—	—	48.2	—	52.9	—
Landi Kotal	000	0	0	00	00	99	00	0	405	71	0	0	9	0	0	68	xx	—	—	2.5	—	17.5	—
Parachinar	000	0	0	00	00	99	00	0	798	66	0	0	9	0	0	54	xx	—	—	13.4	—	27.3	29
Miranshah	000	0	0	00	00	99	00	0	420	80	0	0	9	0	0	68	75	—	—	2.7	— 1.8	5.7	13
Wana	000	0	0	20	02	97	02	6	423	72	0	0	9	0	0	57	67		—				—
Fort Sandeman	000	0	0	00	00	97	02	0	435	76	0	0	9	0	0	69	76	+ 6	+ 13	7.1	+ 2.2	15.9	11
Hindubagh	000	0	0	31	02	98	00	0	382	69	0	0	9	0	0	50	68	—	—	4.6	—	12.6	—
Loralai	000	0	0	27	02	97	00	0	413	65	0	0	9	0	0	44	57	—	—	7.1		13.0	—
Harnai	000	0	0	09	01	96	00	0	xx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 1.1	12.7	14
Quetta	000	0	0	00	00	96	00	0	441	67	0	0	9	0	0	49	52	—	—	4.7	+ 3.7	10.2	8
Chaman	000	0	0	09	01	97	00	0	446	78	0	0	9	0	0	37	67	+ 4	+ 6	0.1	0	6.2	7
Kalat	000	0	0	16	09	97	02	0	462	65	0	0	9	0	0	53	55	0	+ 9	6.3	+ 4.1	11.0	9
Nushki	000	0	0	18	05	98	02	0	485	81	0	0	9	0	0	61	74	—	—	1.1	—	2.9	—
Dalbandin	000	9	0	00	00	96	02	0	433	72	0	0	9	0	0	23	65	+ 2	+ 7	0.2	— 0.1	2.2	5
Panjgur	000	0	2	00	00	98	03	0	458	73	2	0	9	2	0	69	70	— 1	+ 7	2.5	—	4.1	4
Kabul	000	0	0	09	02	99	00	0	487	63	0	0	9	0	0	44	47	—	—	—	—	—	12
Kandahar																							—

Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M.T. of the same day

Whenever 999 is given for RRR see the summary above *for the actual amounts of rainfall.*

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 21st SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L$_a$L$_a$L$_a$	L$_o$L$_o$L$_o$ GG	N dd ff	VV ww W	PPP TT	N$_h$C$_L$hC$_M$C$_H$	D$_s$V$_s$ a PP	8 N$_s$ Ch$_s$ h$_s$	O T$_s$ T$_s$ T$_d$ T$_d$	Id$_w$d$_w$PH$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Oranje	13 108	631 00	8 25 12	98 02 2	086 81	27 5 1x	28 50 2	...	0 01 78	1 22 33
Berenice	13 178	571 06	0 22 15	97 02 0	052 75	00 9 00	16 30 5	...	0 00 73	1 22 32
Bulimba	13 247	674 C6	1 25 20	98 02 0	037 83	12 4 00	66 70 5	...	0 01 70	1 25 28
Berenice	13 185	575 09	0 22 20	96 02 0	025 77	00 9 00	16 62 7	...	0 09 70	1 23 23
British Resource	13 185	653 12	3 25 12	98 02 1	054 81	11 5 81	75 60 5	...	0 51 74	1 27 34
Berenice	13 151	581 17	0 20 18	97 02 0	010 77	00 9 00	16 62 5	...	0 20 72	1 21 32
Bulimba	13 345	640 12	5 25 17	98 02 1	022 83	51 4 00	66 40 0	...	0 51 79	1 25 22
Victoria	13 236	654 12	0 23 10	98 00 0	053 84	00 9 00	57 10 0	.	0 53 75	1 23 xx
Tambamaru	13 097	760 12	8 26 08	98 03 2	060 84	58 5 6x	76 70 4	..	0 08 75	
Berenice	13 1?7	586 15	9 16 02	97 03 1	020 73	9x 0 xx	16 21 0		0 08 76	1 16 22
Tambamaru	13 111	754 18	6 22 04	98 02 2	088 81	25 4 10	76 11 3		0 08 77	
Girasole	13 169	585 18	0 20 09	98 02 0	055 74	00 9 00				
Bulimba	13 243	632 18	1 25 17	97 02 1	031 83	00 9 01	66 21 0	...	0 82 77	1 25 22
Vicoria	13 224	637 18	0 23 10	98 00 0	073 84	00 9 00	57 10 0	...	0 00 75	1 23 xx
Labour	13 108	513 21	0 16 21	99 02 0	06? 73	00 9 00	46 80 8	...	0 04 70	1 16 35

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTT$_d$T$_d$T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT T$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00		Misda	...	...	...	...	...	...	...	..	..	---	---
Jiwani														
Karachi	00 00	000 252 252	022 252 252	..	410 218 999		118 169 562	415 100 999	904 008 999	657 595 999	983 722	270 870		
Lahore	00 00		Misda	..	...	...				...	...			---
Multan														
Peshawar	01 00	958 262 242	...	..	400 202 202	--	054 112 008	330 058 658	792 530 999	522 648 999	965 775	245 972	431 080	--
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT T$_d$T$_d$T$_d$									Max. Height Reached PPPTTT T$_d$T$_d$T$_d$	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	--	Misda	---	--	...	...	---	---	---	...		..
Jiwani													
Karachi	00 00	800 198 092		..	..	---	..	—	—	—	800 198 092		..
Lahore	00 00	...	Misda	...	...		...	—		—	...		..
Multan													
Peshawar	01 00	900 232 232	800 165 165	350 710 999	250 858 999	125 112 999	...	...			125 112 999		
Quetta													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of oC.)
St:-Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

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 600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	25 13	26 14	26 17	27 15	28 22	27 19	27 12	...	---	24 16	24 11	26 08				23 08	23 10	23 13	24 13	—	—	...	—	—	—	—
Chaklala	..				—	...	...	...	..		36 02	28 06	31 05	32 08	33 10		15 02	21 02	29 02	...	..	..	...	...	...	—
Chhor	22 17	22 20	22 24	22 20	—	...	...	...	...	21 22	23 23	24 22	23 09	19 03	30 03	22 18	22 24	...	...	...	...	...	...	...	...	...
Chittagong	21 18	...	...	—	—	..	...	...	—	18 20	19 18	20 17	21 10	22 09	...	15 12		...	...	...	—	—	...	...	...	...
Cox's Bazar	No	Ascent	...			...	...	...	...	17 13	21 13	23 15	24 12	29 06			...	...	...	—	—	...	...	—	...	...
Dacca	22 08	24 10	25 14	26 15	27 19	...				23 06	23 08	25 12	27 13	27 13	25 15	22 07	24 06	27 10	26 09	27 11	26 10	26 16	26 14	35 17	24 11	...
Dalbandin	...	—	26 06	27 12	26 10	32 13	26 08	22 07	25 08	—	...	06 07	13 05	09 01	13 04	...	...	08 09	11 10	18 03	23 02	18 05	21 11	24 05	21 08	13 07
D. I. Khan	...	—	...							—	—	—				—	—	—	—					...		...
Drosh	—	...	...		22 22	21 15	23 12	23 05	28 06	...	...	—	24 02	21 03	23 05	—	—	—	—	04 11	03 26	36 16	36 39	...	...	...
Fort Sandeman		...		18 02	19 01	28 06	01 10	01 13	36 13	—	...		09 08	32 14	33 19	...	—	—	26 02	29 07	26 05	34 18	35 11	34 07	...	...
Jacobabad	16 10	19 07	29 03	35 06	29 07	26 10	02 14	23 12	34 07	17 17	21 09	20 03	26 07	27 13	27 07	15 05	19 05	26 04	29 05	21 04	29 05	12 03	13 07	16 07	15 09	...
Jessore	25 09	24 09	24 11	24 11						22 10	24 09	25 10			—	29 08	28 08	27 04	31 06							...
Jhelum	19 04	19 07	20 05	29 09	30 12	31 13	34 17	33 23	33 29	27 02	29 07	28 09	29 15	30 17	...	15 02	31 03	30 03	29 07	29 09	27 04	27 07	27 12	26 13	...	...
Jiwani	18 22	20 06	22 03	02 08	36 07	02 12	03 07	19 06	22 08	21 06	20 03	05 03	...	...	...	18 04	22 03	06 03	13 06	14 05	31 04	...	...	...	...	...
Karachi	24 12	25 20	25 19	...						25 20	25 20	28 15	...	...	...	26 18	27 15	..	...			...	...	...	...	...
Khanpur	23 10	23 10	23 10	23 09	31 07	33 07	28 11	29 14	...	21 31	23 35	25 21	25 17	24 14	26 08	41 08	23 11	26 12	29 15	27 07	07 05	02 06	33 04	33 09	34 17	..
Lahore	25 05	25 05	23 06	26 06	31 10	33 17	33 16	34 17	35 22	25 13	27 17	27 17	31 06	33 12	35 03	25 07	24 10	25 05	24 07	27 06	30 06	34 06				..
Multan	20 07	19 08	19 09	23 07	34 04	29 16	30 23	36 12	03 15	22 26	22 18	22 07	23 07	27 07	30 13	20 09	19 13	18 15	16 11	16 05	29 12	02 06	33 13	35 13	31 02	22 08
Muscat	...	...	..	..	...	...	...	...	..	...	—		—	...	—	—	...	...	..	..	...	...	...	..	...	.
Panjgur	...	...	..			..		...		.				...		—	...	...	...	—	...	...	..	..	...	...
Peshawar	—	04 10	05 07	14 08	18 13	29 16	31 17	34 25	33 30	.	33 07	34 07	33 03	35 07	33 12	...	—	..	...	...	...	...	...	...	...	...
Quetta	...	..	...	...	33 06	25 04	05 05	01 03	01 05	..	...	...	—	27 02	26 12	—	—	...	...	32 02	10 06	06 06	15 03	13 05	18 10	18 11
Sharjah	...		...				—	...	...			...	...	...	...	...	...	...	...	.	...		...	...	—	...
Sylhet	20 15	24 13	24 11	..	—	...	—	...	...	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	14.1	16.4	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	Misda													..	..	..	—	..
Karachi	26 17	27 15	27 13	27 10	31 08	03 10	31 07	34 08	32 05	23 05	23 03	07 07	16 09		—	..	—	..
Peshawar		29 10	35 03	31 0?	30 06	28 08	01 03	34 09	34 08	...	...			...	...		..	
Quetta																		

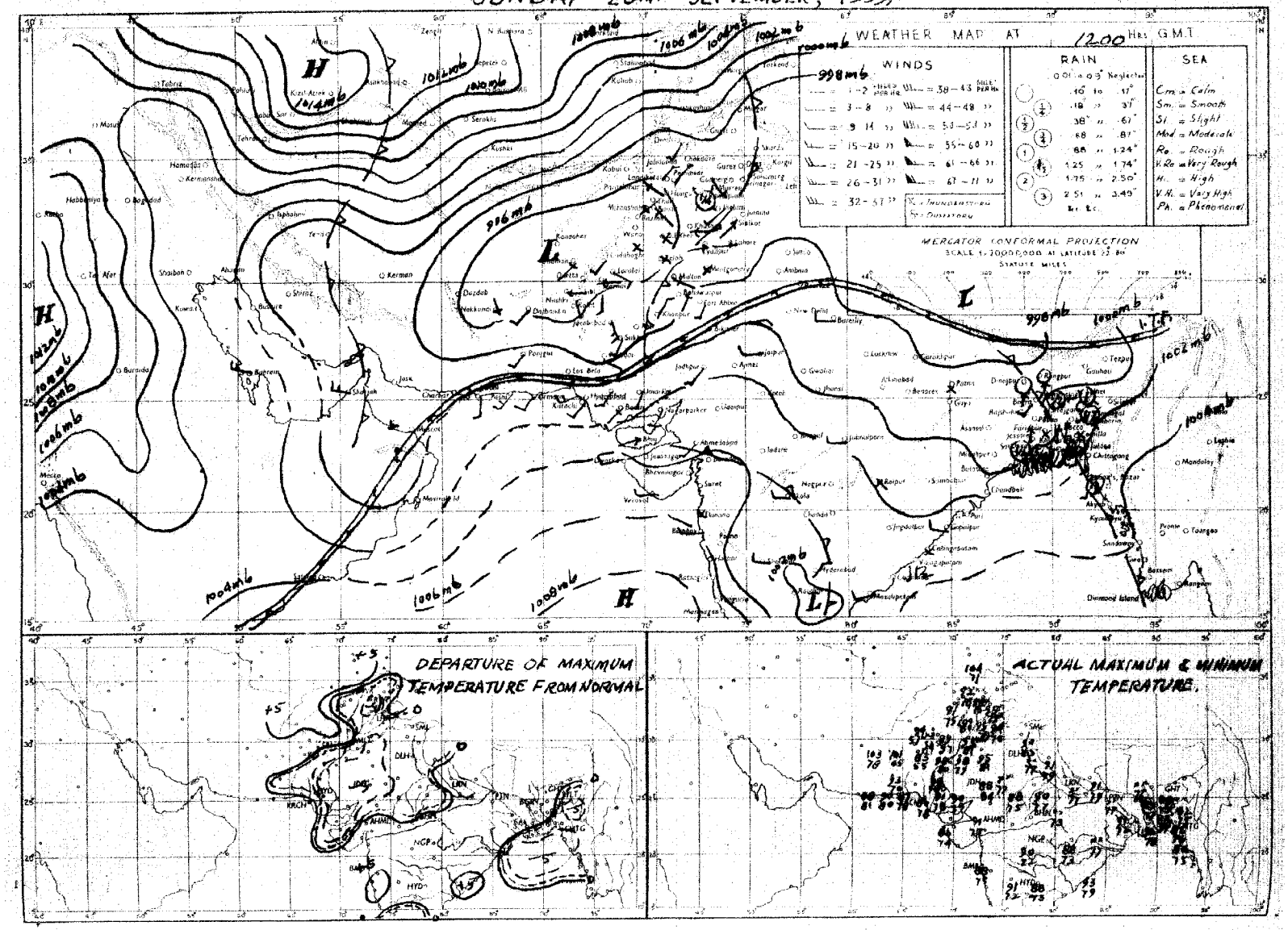
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V$_r$V$_r$ etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI—11.

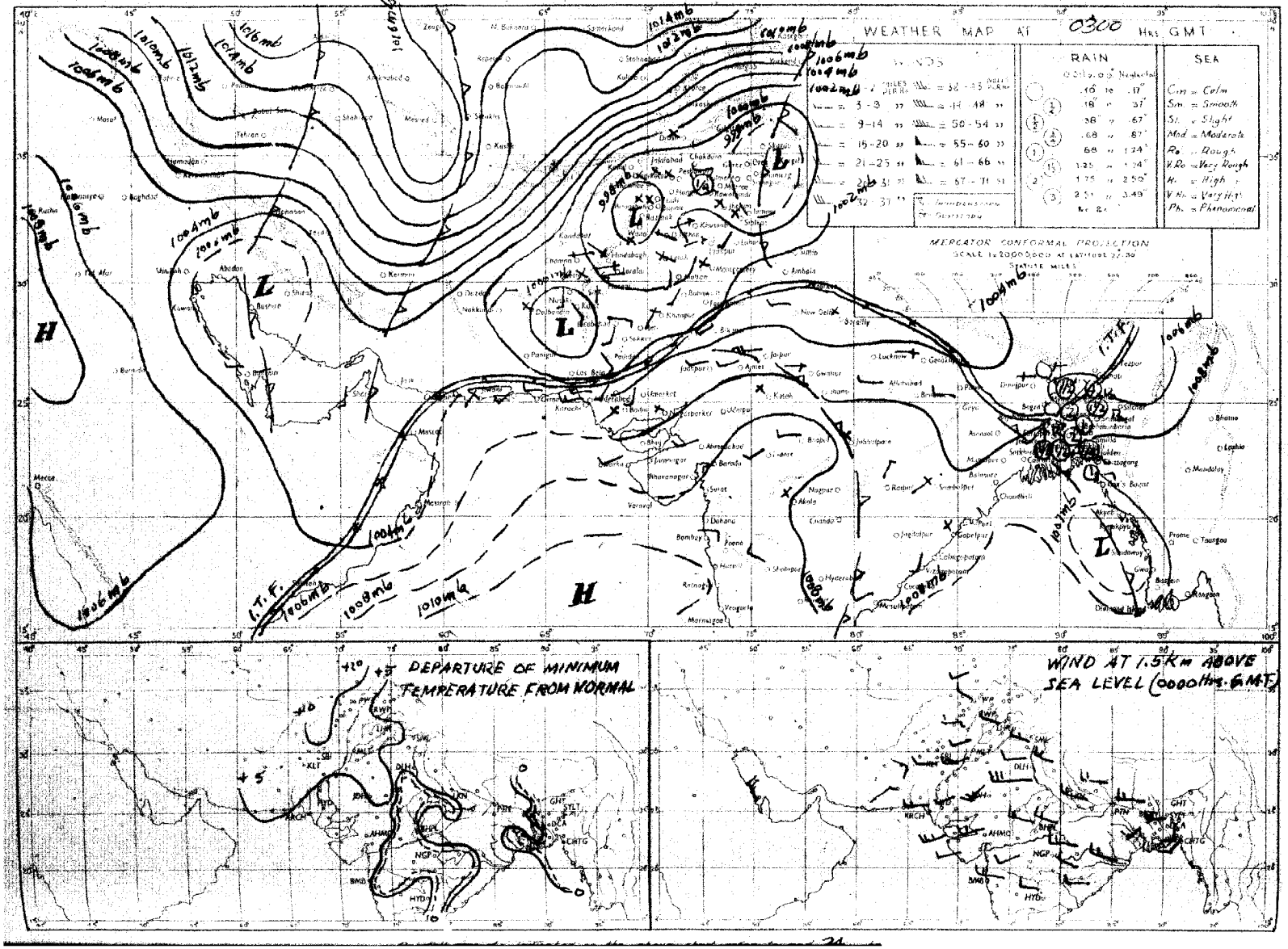
PAKISTAN DAILY WEATHER MAP

SUNDAY 20th. SEPTEMBER, 1959.



PAKISTAN DAILY WEATHER MAP

MONDAY 21st SEPTEMBER, 1959.



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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

TUESDAY THE 22nd SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave over Kashmir moved away eastwards while another is now moving across Peshawar division.
Thunderstorms/showers have been scattered in Lahore and Rawalpindi divisions.
Yesterday's low in east central and adjoining northeast Bay of Bengal is less marked.
Local rain/thundershowers have occurred in East Pakistan.
Chief amounts of rainfall are:- Sylhet and Khulna 4" each; Mymensingh 3/4"; Dacca ½", Cox's Bazar, Brahmanbaria, Bogra and Rangpur 1/4" each.
Day temperatures were:- 3—6°F below normal in Chittagong and Hyderabad division and 5—6°F above normal in Quetta division.
Forecast valid until the evening of 23rd September, 1959. Rain/thundershowers will be local in East Pakistan and scattered in Peshawar, Rawalpindi and Lahore divisions and in Kashmir.

Karachi-11
The 22nd September, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																	Departure from Normal of		Rainfall			
1	2	Rainfall in Cents RRR 3	Past weather commenced at † Wt 4	Total cloud amount N 5	Wind direction in tens of degrees dd 6	Wind speed in knots ff 7	Horizontal visibility † VV 8	Present weather † ww 9	Past weather † W 10	Sea level pressure (mbs. and tenths)* PPP 11	Dry Bulb temperature °F TT 12	Amount of Lowest Cloud Nh 13	Low Cloud form † CL 14	Height of Lowest Cloud † h 15	Medium Cloud form † CM 16	High Cloud form † CH 17	Dewpoint temperature °F TdTd 18	Maximum temperature °F TxTx 19	Rainfall in Cents RRR 20	Past weather commenced at † Wt 21	Total cloud amount N 22	Wind direction in tens of degrees dd 23	Wind speed in knots ff 24	Horizontal visibility † VV 25	Present weather † ww 26	Past Weather † W 27	Sea level Pressure (mbs. and tenths)* PPP 28	Dry Bulb temperature TT 29	Amount of Lowest Cloud † Nh 30	Low Cloud Form † CL 31	Height of Lowest Cloud † h 32	Medium Cloud form † CM 33	High Cloud form† CH 34	Dewpoint temperature °F. TdTd 35	Minimum Temperature °F TnTn 36	Maximum Temperature TxTx 37	Minimum Temperature TnTn 38	Since 1st June 1959 to date 39	Departure from normal 40	Since 1st January 1959 to date 41	Annual normal 42
Chittagong	Cox's Bazar	026	9	7	16	03	95	21	9	093	78	6	4	6	2	8	78	85	026	9	5	16	03	97	10	1	093	80	2	3	7	5	2	78	74	— 7	— 2	115.2	+ 8.6	131.3	140
	Chieragong	009	8	5	16	09	97	02	6	060	80	2	2	5	2	0	78	84	009	0	4	13	02	97	02	2	097	81	4	0	7	2	0	75	76	— 3	0	93.1	+18.7	125.1	100
	Maijdee Court	000	9	6	18	05	96	03	0	052	80	4	4	9	o	0	76	83	000	9	3	10	00	97	01	0	091	84	2	1	6	0	2	77	77	— 6	— 1	11.0	+30.0	182.8	115
	Comilla	000	0	8	00	00	95	02	2	048	81	8	4	5	x	x	78	82	000	0	3	00	00	97	03	1	002	83	3	4	7	0	0	79	77	— 6	0	61.7	+ 1.0	87.7	94
	Brahmanbaria	024	8	4	18	02	96	03	6	048	84	3	4	5	4	0	79	89	024	0	4	23	03	97	03	1	093	83	4	4	5	0	0	80	76	—	—	44.9	— 1.0	60.9	76
	Sylhet	000	9	8	05	05	96	02	6	047	78	3	5	5	2	x	77	81	217	9	8	09	02	96	02	9	095	78	5	7	3	3	x	76	74	—	—	137.1	—	175.8	—
	Srimangal	003	8	7	00	00	96	03	6	048	83	5	3	5	6	x	79	86	003	9	7	00	00	96	03	9	095	82	6	4	4	4	x	77	74	— 3	— 1	64.4	+ 8.0	76.5	98
Dacca	Mymensingh	087	2	8	00	00	96	29	9	048	76	8	9	4	x	x	75	88	087	9	8	09	02	98	02	9	096	81	8	4	6	x	x	78	75	+ 1	— 2	69.6	+ 9.4	31.7	91
	Narayanganj	003	3	8	18	05	96	03	6	043	81	2	4	5	7	1	77	89	003	9	8	16	03	96	03	6	090	85	8	4	4	x	x	79	80	0	+ 1	55.5	— 4.2	76.8	74
	Dacca (Tezgaon)	035	4	8	13	07	97	02	9	040	79	4	9	6	2	8	78	89	038	9	7	18	05	97	61	2	083	80	8	8	5	3	0	75	76	—	—	58.9	—	74.3	—
	Faridpur	000	9	5	18	02	97	02	0	041	83	2	5	7	1	0	77	90	000	9	7	16	02	97	03	0	049	85	6	5	7	1	0	79	77	+ 3	— 1	59.8	+14.9	88.1	71
	Barisal	000	4	4	00	00	97	03	5	047	81	4	0	8	6	0	78	87	000	0	6	09	01	97	03	2	085	83	4	0	8	6	2	80	79	0	+ 1	95.8	+41.7	110.6	81
Rajshahi	Khulna	...		...								...				...			230	0	7	00	00	96	03	2	088	84	7	5	6	0	0	80	79		+ 2	65.8	— 0.8	86.7	60
	Satkhira	000	0	6	00	00	95	03	2	038	83	6	6	8	0	0	77	89	000	0	7	00	00	95	03	2	095	86	7	6	8	0	0	79	80	0	+ 3	—	—	—	65
	Jessore	000	0	6	18	05	96	02	2	034	85	4	4	5	6	0	81	91	000	0	8	23	03	57	03	2	022	85	5	8	6	x	x	82	80	—	—	45.9	+ 4.1	96.1	65
	Sirajganj	000	0	8	00	00	96	17	2	030	83	6	9	5	u	0	77	92	000	0	8	00	00	97	02	9	078	85	6	2	6	0	0	79	79	+ 5	+ 1	58.9	+16.1	83.7	44
	Bogra	007	0	7	00	00	96	02	9	035	83	2	2	6	0	8	78	91	030	8	8	18	02	96	0/	6	084	83	7	5	5	0	0	80	79	+ 3	+ 2	55.8	+ 8.5	74.9	60
	Dinajpur	000	8	7	00	00	96	02	2	013	83	7	4	7	0	3	79	89	012	3	8	00	00	96	02	6	079	79	8	x	7	x	0	78	78	+ 1	+ 1	32.0	—21.2	49.3	72
	Rangpur	012	3	7	13	02	96	01	6	xxx	80	5	5	6	2	x	79	86	019	2	8	00	00	96	02	5	xxx	80	8	5	6	x	x	79	77	—	—	49.3	— 9.1	69.1	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	8	2	00	00	96	02	1	003	93	2	2	7	0	0	74	95	000	0	1	23	02	96	03	0	052	83	0	0	9	0	8	76	80	— 3	+ 10	21.7	+ 7.4	25.5	19
	Sialkot	010	2	7	00	00	97	02	6	008	83	8	5	6	x	x	76	95	010	4	7	00	00	97	3	1	051	79	7	4	6	x	x	76	78	0	+ 6	49.4	+16.3	54.8	32
Rawalpindi	Jhelum	004	2	5	13	03	96	29	9	003	>x	2	2	6	7	0	83	97	004	9	3	00	00	96	01	1	058	82	2	1	7	3	0	76	78	—	—	35.6	—	45.5	—
	Rawalpindi	000	0	2	00	00	99	01	1	000	92	2	2	8	0	0	78	95	000	0	6	00	00	97	03	2	040	82	6	0	9	7	0	76	78	+ 2	+ 11	35.4	+12.4	48.4	36
	Khushab	000	0	0	16	02	96	05	4	991	97	0	0	9	0	0	71	99	000	0	0	09	02	96	05	4	038	85	0	0	6	0	0	79	82	0	+ 8	14.1	+ 4.1	19.6	15
Multan	Lyallpur	000	0	5	16	02	96	02	0	996	95	5	0	9	4	0	74	96	000	0	0	16	02	96	00	0	048	81	0	0	9	0	0	75	80	— 2	+ 8	14.0	+ 4.9	16.8	12
	Montgomery	000	0	0	00	00	96	00	0	995	95	0	0	9	0	0	73	97	000	0	0	00	00	96	00	0	044	83	0	0	9	0	0	74	80	— 2	+ 6	6.1	— 1.2	8.4	10
	Multan	000	0	2	13	02	98	01	0	990	96	2	1	6	0	0	79	97	000	0	0	23	03	97	05	0	046	83	0	0	9	0	0	76	81	— 1	+ 6	5.8	+ 1.0	7.9	7
Bahawalpur	Leiah	000	0	2	18	03	97	80	0	980	96	2	3	7	0	0	74	03	000	0	7	18	02	98	03	1	040	87	4	3	8	0	0	79	79	—	—	4.6	—	6.5	8
	Khanpur	000	0	0	27	03	96	03	0	998	99	0	0	9	0	0	96	00	000	0	0	00	07	96	03	0	043	82	0	0	9	0	0	75	79	— 1	+ 5	0.5	— 4.3	1.3	6
	Bahawalpur	000	0	5	23	03	99	03	0	997	98	0	0	8	3	0	78	03	000	0	0	20	15	97	00	0	053	82	0	0	9	0	0	76	80	+ 1	+ 8	5.4	+ 1.2	6.4	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						4
Peshawar	Chakdara	000	0	1	23	02	99	01	1	962	91	1	1	7	0	0	73	93	000	0	6	00	r0	98	03	0	031	74	0	0	8	4	0	73	74	—	—	9.9	—	24.5	—
	Peshawar	000	0	1	02	06	96	05	0	985	93	1	1	6	0	0	74	95	000	0	1	00	00	97	05	0	041	83	1	1	6	3	0	77	79	+ 1	+ 10	8.0	+ 3.7	21.9	19
	Haripur	000	3	2	23	02	97	01	2	974	92	2	5	6	0	0	79	94	000	3	6	23	04	97	03	2	016	79	6	0	9	7	0	47	71	—	—	18.6	—	39.9	—
	Campbellpur	000	0	4	13	02	98	01	0	032	92	0	0	9	5	0	76	94	000	0	2	09	00	98	00	0	015	81	0	0	0	2	0	77	85	—	—	21.6	—	35.5	—
D. I. Khan	Bannu	000	0	2	00	00	99	02	0	968	98	2	1	6	0	0	70	99	000	0	0	00	00	99	00	0	022	86	0	0	9	0	0	75	81	—	—	10.9	—	17.8	11
	D. I. Khan	000	6	0	00	00	98	00	0	966	98	0	0	9	0	0	82	01	000	0	0	00	00	98	00	0	038	87	0	0	9	0	0	79	79	+ 2	+ 2	10.2	+ 4.8	13.9	10
Quetta	Sibi	000	0	0	18	02	99	00	0	979	02	0	0	9	0	0	72	04	000	0	0	13	02	99	00	0	045	84	0	0	9	0	0	75	83	—	—	3.4	—	4.1	5
Kalat	Nokkundi	000	0	0	34	02	97	02	0	977	98	0	0	9	0	0	xx	03	000	0	0	34	02	97	02	0	062	75	0	0	9	0	0	75	71	—	—	0	—	1.1	2
	Turbat	000	0	0	23	02	96	00	0	012	02	0	0	9	0	0	79	91	000	0	8	27	02	95	03	0	075	93	0	0	9	8	0	73	00	—	—	2.9	—	7.3	—
	Jiwani	000	0	0	18	07	97	01	0	031	87	0	0	9	0	0	75	90	000	0	8	23	03	97	02	2	076	83	6	6	4	0	3	76	80	—	—	0.3	—	5.9	4
	Pasni	000	0	0	23	14	97	00	0	026	87	0	0	9	0	0	75	91	000	0	8	25	03	97	00	0	072	83	8	5	7	0	0	77	80	+ 1	+ 8	0.6	— 0.3	3.2	6
	Ormara	000	0	3	23	07	98	02	1	021	87	3	2	8	0	0	77	89	000	0	7	27	03	98	02	1	067	82	7	2	5	0	0	78	80	—	—	1.7	+ 0.9	4.2	6
	Las Bela																																								8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	7	25	10	97	03	2	030	86	0	0	9	3	0	81	88	000	0	6	25	12	97	03	2	069	79	0	0	9	4	0	74	77	+ 3	+ 1	16.4	+10.5	16.5	8
	Karachi (Air Port)	000	0	8	25	12	96	03	2	024	83	7	5	5	3	x	74	85	000	9	7	27	10	96	02	5	071	82	4	5	6	3	0	75	79	—	—	22.6	—	22.9	—
	Badin	000	3	9	23	02	95	03	2	024	85	0	9	7	0	0	75	90	000	3	9	23	02	95	03	2	068	80	0	9	7	0	0	76	79	— 5	+ 4	11.2	+ 4.0	11.2	9
	Nagarparkar	000	0	6	18	02	97	00	0	032	89	6	6	7	0	0	68	90	000	0	0	27	02	98	00	0	073	80	0	0	9	0	0	66	75	—	—	30.0	—	30.0	—
	Umarkot	000	0	8	18	07	98	00	0	000	>x	8	5	6	0	0	75	90	000	0	4	18	07	98	00	0	060	79	4	0	9	4	0	75	76	—	—	18.8	—	19.5	—
	Hyderabad	000	0	6	23	12	97	01	2	022	87	2	5	6	2	0	74	88	000	0	6	23	07	97	03	0	060	80	3	5	0	2	0	75	78	— 10	+ 3	14.6	+ 8.7	15.4	7
Khairpur	Pad-i-dan	000	0	0	13	09	97	02	0	991	97	0	0	9	0	0	77	00	000	0	0	13	07	97	02	0	047	82	0	0	9	0	0	75	77	—	—	7.3	—	7.5	—
	Nawabshah	000	0	0	18	05	97	02	0	999	93	0	0	9	0	0	75	94	000	0	0	18	07	97	02	0	048	82	0	0	9	0	0	75	78	—	—	6.4	—	7.1	—
	Sukkur	000	0	0	23	02	96	00	0	982	99	0	0	9	0	0	78	01	000	9	6	20	05	96	03	1	047	60	6	0	9	0	8	76	78	—	—	3.6	—	4.6	4
	Kashmore	000	0	0	18	02	99	00	0	986	97	0	0	9	0	0	74	97	000	0	3	18	03	99	00	0	057	82	3	1	7	0	0	73	78	—	—	2.0	—	2.1	—
	Jacobabad	000	0	0	18	03	97	02	0	986	98	0	0	9	0	0	85	99	000	0	2	13	03	97	03	0	049	82	2	1	6	0	0	79	80	— 3	+ 5	3.8	+ 1.5	4.5	4
Junagadh	Veraval																																								30
Afghanistan	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								
Kashmir	Srinagar																																								26
	Gulmarg																																								—
	Sonamarg																																								71
	Dras																																								26
	Leh																																								3
	Skardu																																								6
	Misgar																																								—
	Aliabad																																								—
	Gilgit																																								5
Rawalpindi	Murree	000	9	6	29	02	96	02	1	455	68	6	9	3	0	0	63	70	000	9	7	29	02	97	02	1	479	64	5	3	3	5	0	59	58	0	+ 4	49.3	+14.7	74.5	59
Peshawar	Drosh	000	0	0	23	12	98	02	0	394	97	0	0	9	0	0	31	98	000	0	0	00	00	98	02	0	474	71	0	0	9	0	0	57	73	—	—	1.3	—	30.4	18
	Cherat	000	0	1	18	03	98	01	0	452	80	1	2	6	0	0	75	82	000	0	0	16	02	96	00	0	448	81	0	0	9	0	0	75	80	— 2	+ 16	20.2	+ 8.4	30.2	29
	Kakul	000	8	3	18	05	97	01	1	448	81	3	2	6	6	0	69	85	000	9	4	18	02	96	03	1	477	76	4	4	6	0	0	67	68	—	—	48.2	—	52.9	—
	Landi Kotal	000	0	0	05	05	98	03	0	433	85	1	1	7	0	0	75	93	000	0	1	00	00	98	03	0	469	78	1	1	7	0	0	67	xx	—	—	2.5	—	17.6	—
D.I. Khan	Parachinar	000	0	0	13	02	99	00	0	797	82	0	0	9		0	xx	xx	000	0	0	00	00	99	00	0	797	67	0	0	9	0	0	54	xx	—	—	13.4	—	27.3	39
	Miranshah	000	0	0	05	02	99	00	0	432	93	0	0	9	0	0	67	95	000	0	0	00	00	99	00	0	449	81	0	0	9	0	0	68	76	—	—	2.7	— 1.9	5.7	13
	Wana	000	0	0	09	06	98	00	0	430	87	0	0	9	0	0	61	93	000	0	0	00	00	99	00	0	474	73	0	0	9	0	0	58	68	—	—	5.1	—	14.1	—
Quetta	Fort Sandeman	000	0	0	00	00	98	02	0	426	95	0	0	9	0	0	61	98	000	0	0	25	03	97	02	0	477	78	0	0	9	0	0	70	73	+ 6	+ 10	7.1	+ 2.2	15.9	11
	Hindubagh	000	0	0	20	03	98	00	0	378	90	0	0	9	0	0	50	90	000	0	0	27	04	98	00	0	433	67	0	0	9	0	0	52	66	—	—	4.6	—	12.7	—
	Loralai	000	0	0	18	05	98	00	0	425	87	0	0	9	0	0	44	91	000	0	0	27	03	97	00	0	401	67	0	0	9	0	0	43	60	—	—	7.1	—	13.0	—
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 1.1	12.7	14
	Quetta	000	0	0	27	02	97	00	0	426	88	0	0	9	0	0	41	89	000	0	0	00	00	95	00	0	466	68	0	0	9	0	0	53	53	—	—	4.7	+ 3.7	10.2	8
	Chaman	000	0	0	27	02	97	00	0	436	92	0	0	9	0	0	42	95	000	0	0	00	00	97	00	0	473	78	0	0	9	0	0	35	67	+ 6	+ 2	0.2	0	6.2	7
Kalat	Kalat	000	0	0	00	00	98	02	0	445	81	0	0	9	0	0	50	86	000	0	0	16	02	98	02	0	491	67	0	0	9	0	0	44	53	+ 5	+ 7	6.3	+ 5.1	11.0	9
	Nushki	000	0	0	18	05	98	02	0	475	97	0	0	9	0	0	62	99	000	0	0	19	05	98	02	0	498	83	0	0	9	0	0	49	71	—	—	1.1	—	2.9	—
	Dalbandin	000	0	0	23	05	96	02	0	449	90	0	0	9	0	0	28	01	000	0	0	00	00	96	02	0	459	66	0	0	9	0	0	27	64	+ 3	+ 6	0.2	— 0.1	2.2	5
	Panjgur	000	0	0	23	03	98	00	0	465	94	0	0	9	0	0	31	95	000	0	0	00	00	98	00	0	477	72	0	0		0	0	66	69	— 1	+ 6	2.5	—	4.2	4
Afghanistan	Kabul	000	0	0	09	02	90	00	0	452	83	0	0	9	0	0	60	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						12
	Kandahar																																								—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitte.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M.T. of the same day
Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 22nd SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhCLhCMCH	DsVs a PP	8 Ns Ch hs	O Ts Ts Td Td	Idw dw PHw
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Labaut Clownas	23 100	51g 00	6 22 24	98 03 2	068 75	67 5 00	46 30 8	...	0 08 70	1 18 46
Tamramarm	23 147	720 12	3 33 11	98 01 1	067 84	24 5 47	76 70 4	...	1 10 60	0 02 24
Circasia	23 177	569 03	8 23 16	98 03 2	031 74	...	86 7x x	...	...	...
Circassia	23 187	584 06	8 21 16	98 02 2	058 75	..	86 7x 7	...	...	...
Circassia	23 195	595 12	8 20 15	97 02 2	039 78	...	80 7x x	...	...	...
Victoria	23 193	591 12	4 23 12	98 02 2	063 79	4x x xx	57 10 0	...	0 56 73	1 23 xx
Victoria	23 214	622 24	5 23 10	98 02 2	063 84	57 1 00	00 02 4	...	1 23 xx	...
British Resource	23 222	619 12	7 21 08	97 02 2	630 81	73 4 00	57 61 0	...	0 00 74	1 23 54
Berence	23 233	593 06	0 16 08	98 02 2	057 81	16 1 25	05 42 3	...	1 16 70	1 18 21
Sanchis	23 260	632 12	0 21 05	98 02 0	029 84	00 0 00	25 40 0	...	0 00 82	1 21 21
Tamliswaer	23 127	746 00	6 04 04	98 02 2	066 77	56 4 1x	76 70 6	...	0 01 77	...
Victoria	23 201	607 06	4 23 10	98 02 1	073 82	57 1 00	05 22 5	...	1 23 xx	1 20 63
Balimba	23 238	598 06	2 20 00	98 01 0	053 84	11 4 00	66 20 2	...	0 01 78	1 21 21
Berenico	23 239	588 09	0 16 08	97 02 2	046 86	00 9 00	16 51 0	...	0 04 75	1 16 21
Brithish Rsourse	23 212	630 06	8 23 12	97 03 2	058 80	53 5 00	75 10 2	...	0 00 73	1 25 54
Caltex	23 263	548 48	0 28 06	98 02 0	028 91	00 9 00	05 12 6	...	1 28 64	..
Lahorurdomels	23 050	496 09	7 20 16	98 03 2	114 75	65 4 10	55 40 4	...	0 02 73	...
Civicasms	23 213	617 00	8 23 09	98 02 2	071 79	...	85 7x x	...	...	1 20 22
Beramia	23 245	502 12	0 10 09	98 03 1	030 84	21 8 40	76 71 0	...	0 02 75	...
Birenica	23 259	571 18	1 10 05	98 03 1	050 84	20 6 40	16 21 6	...	0 52 77	1 11 21
Tamfamraue	23 156	706 18	6 31 07	98 02 1	093 81	60 7 10	76 00 5	...	51 75	1 10 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...														...
Jiwani ...														
Karachi ...	00 00	003 268 242	046 285 999	..	430 135 999	..	112 130 999	382 038 999	836 548 999	559 648 999	968 992	245 002	..	..
Lahore ...	00 00	Misda	...		...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	90 00	961 265 232	...	...	420 223 232	...	089 132 122	375 078 692	856 505 692	607 605 999	974 572	...	..	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...											..	...	..
Jiwani ...													
Karachi ...	00 00	Misda	...	..	..	...	...	...	...	...	200 002 999	...	...
Lahore ...	00 00	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	922 272 272	900 255 255	800 195 195	350 700 999	210 982 295	...	...	..	...	210 982 295	...	...
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures(in tenths of oC.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

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 600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	27 06	27 10	27 12	27 10	26 11	26 13	25 13	27 13	26 09	15 09	20 11	21 07	...	...	...	26 02	26 02	27 03		...	...	...	...	...	...	...
Chaklala ...	...	..	...	..	...	...	...	...	..	...	...	...	...	...	..	...	09 03	19 03	28 07	...	..	..	...	...	...	...
Chhor ...	21 16	21 19	22 29	...	...	...	...	...	...	21 19	24 23	24 18	...	...	...	31 16	22 21	22 25	...	...	...	...	...	...	...	...
Chittagong ...	19 16	19 17	19 14	19 14	22 12	24 11	23 10	...	...	18 13	18 14	18 11	19 11	20 06	20 04	...	No	Ascent	...	...	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent						...	...	18 09	18 09	18 05	30 02	32 01	22 08	17 08	16 04	14 03	11 05	11 06	...	...	...	...	...	...
Dacca ...	16 12	18 10	19 09	22 09	23 11	25 12	22 14	23 10	25 10	18 13	...	...	...	...	...	18 08	18 09	20 07	20 07	...	...	...	...	...	...	...
Dalbandin ...	...	...	24 09	13 04	11 04	09 05	24 10	22 09	22 06	...	...	11 04	32 07	11 06	12 11	...	...	07 04	09 10	12 06	10 09	09 05	20 03	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	22 18	23 12	25 09	24 10	22 32	...	...	...	23 02	21 09	25 16	...	...	...	...	34 01	02 07	01 14	35 10	11 03	11 04	...
Fort Sandeman ...		...	...	17 02	26 03	29 05	32 09	01 12	01 08	...	...	...	04 02	32 06	30 11	...	...	...	32 01	34 07	34 02	02 13	03 06	30 05	26 14	...
Jacobabad ...	16 08	18 06	26 02	27 03	26 08	25 11	29 09	09 06	10 03	16 19	22 01	22 04	29 07	24 08	34 08	14 03	15 02	36 0	24 02	12 02	01 02	08 03	12 03	18 03	28 04	17 06
Jessore ...	14 13	15 12	16 11	16 07						20 08	25 08					19 12	21 15	22 08								
Jhelum ...	12 09	20 09	21 10	25 09	26 05	32 07	33 10	36 15	...	07 05	17 05	26 08	32 08	24 14	31 16	14 04	17 07	17 04	30 08	31 13	30 07	...	...	...	...	...
Jiwani ...	19 07	16 03	15 03	12 03	16 02	36 65	33 01	26 07	20 09	21 07	25 03	...	...	...	...	18 05	14 05	11 05	...		...	...	...	...	...	...
Karachi ...	24 19	24 18	27 15	27 11	01 10	01 08	32 11	30 15	31 08	25 16	26 17	27 16	...	...	...	26 15	27 20	...	...			...	...	...	...	...
Khanpur ...	23 10	21 21	21 11	26 05	30 04	33 06	35 05	30 05	33 06	19 23	21 27	22 30	34 40	24 45	...	20 12	19 14	18 14	15 08	18 06	31 10	...	...	...	...	...
Lahore ...	14 02	16 06	20 05	20 05	23 05	30 05	02 09	33 15	33 15	xx xx	26 12	26 10	27 08	30 08	36 08	27 05	25 06	24 05	28 04	25 09	34 01	...	...	...	...	...
Multan ...	21 09	17 07	16 08	22 04	31 12	31 08	32 05	34 12	36 11	21 22	22 25	23 12	32 04	02 08	31 15	20 12	19 12	18 08	16 01	33 07	33 11	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	06 10	09 09	15 06	22 10	31 03	35 06	...	...	...	...	...	...	...	...	...	02 06	35 04	02 03	27 04	04 04	03 09	02 11	...	...	...
Quetta ...	...	...	...	...	33 05	22 03	14 01	11 05	12 01	...	...	...	...	30 02	32 09	...	...	...	...	34 02	18 03	11 02	19 04	22 03	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	10 03	21 04	22 08	23 12	...	...	...	...	...	15 01	20 02	28 ..	31 03	31 03	25 02	24 02	22 04	22 05	23 05	17 20	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	4...																	
Karachi ...	2 22	25 19	30 15	30 11	03 11	03 10	36 10	33 10	33 10	33 09	17 03	04 04	09 00		...	...	...	...
Peshawar ...	...	34 15	03 03	33 01	33 03	32 11	32 11	02 07	01 04	05 10	36 13	32 10	28 23	36 36	...	...	...	...
Quetta ...																		

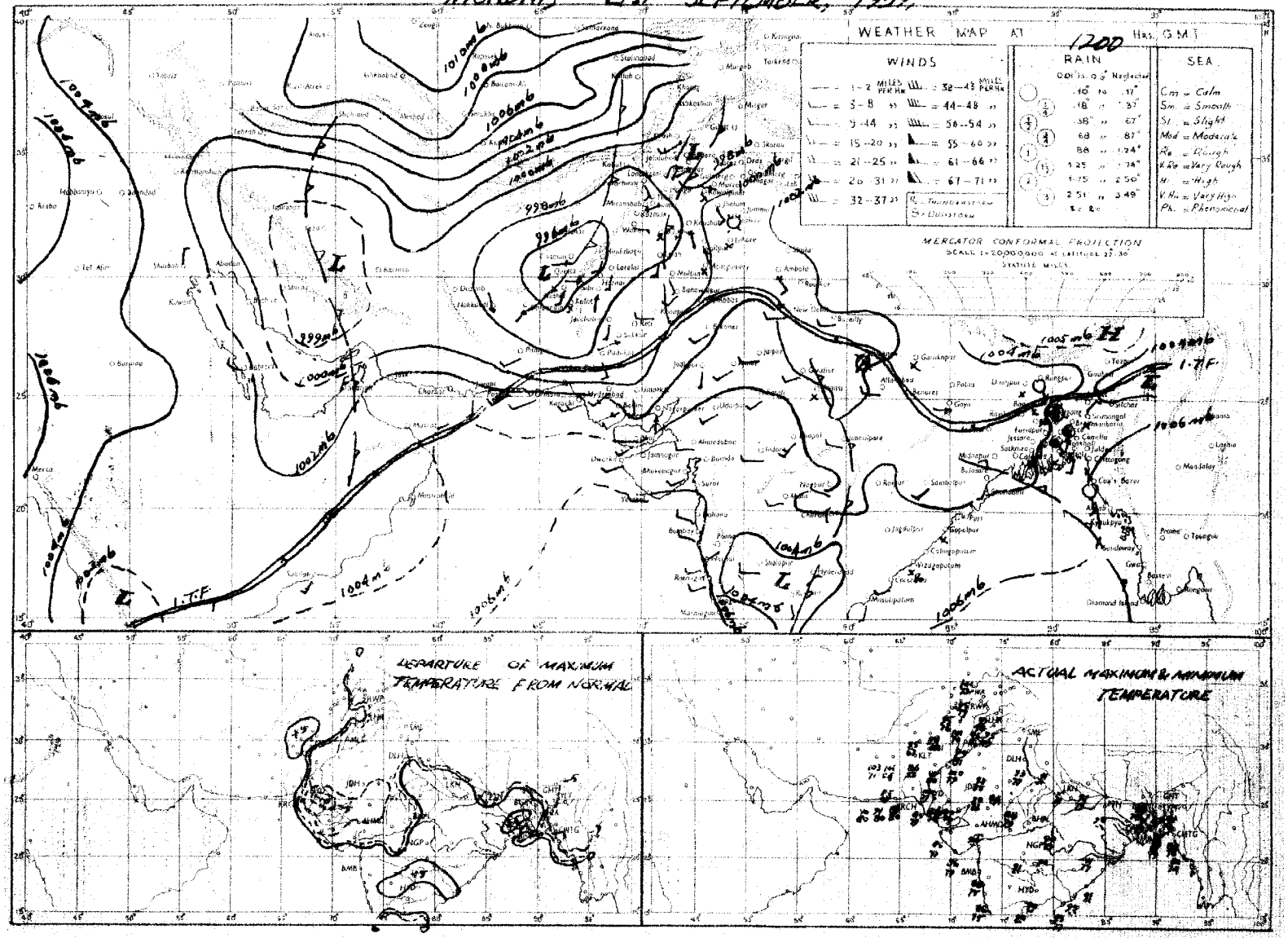
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii 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 SEPTEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

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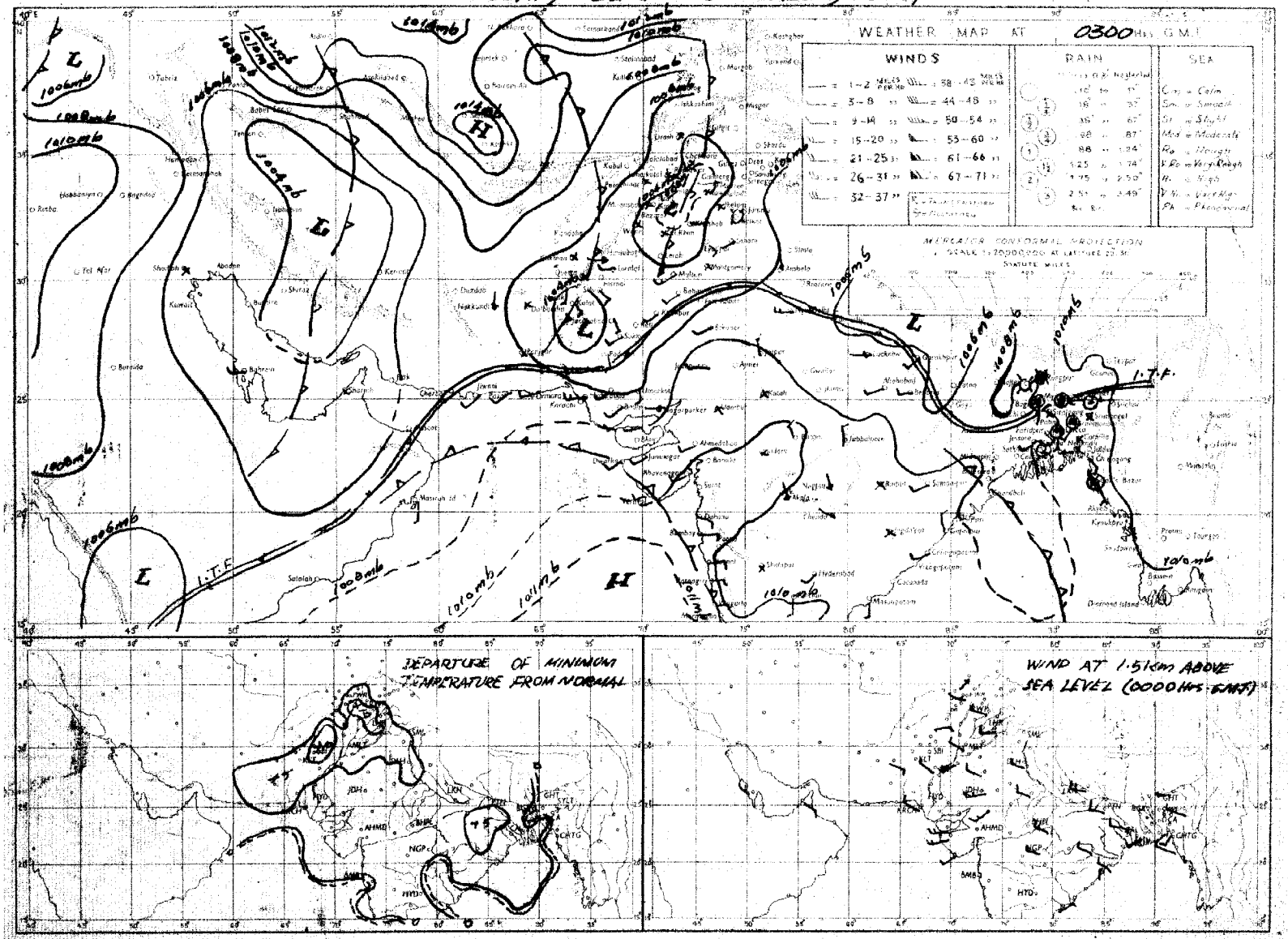
PAKISTAN DAILY WEATHER MAP

TUESDAY, 22nd SEPTEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

WEDNESDAY THE 23rd SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low over Peshawar division is now moving across Kashmir with its trough extending to Rawalpindi division.
An easterly low pressure wave is moving into north Andaman Sea and adjoining areas.
Widespread rain/thundershowers have occurred in Dacca division, local in Rajshahi division and scattered in Chittagong division.
Chief amounts of rainfall are:- Bogra 4"; Narayanganj 3"; Dacca 2"; Comilla 1"; Barisal and Sirajganj ½" each and Faridpur, Rajshahi and Dinajpur 1/4" each.
Day temperatures were:- 4—6°F below normal in Lahore and Hyderabad divisions and 3—6°F above normal in Quetta division.
Forecast valid until the evening of 24th September, 1959. Rain/thundershowers will be local in East Pakistan and scattered in Lahore and Rawalpindi divisions and in Kashmir.

Karachi-11
The 24th September, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	005	0	7	20	03	95	03	1	056	80	3	3	6	7	2	77	85
	Chittagong	003	0	3	20	05	97	01	1	069	82	3	4	6	0	0	78	87
	Maijdee Court	000	0	5	13	0	97	03	1	047	85	2	1	7	6	4	77	88
	Comilla	000	0	8	00	00	95	02	2	045	82	8	4	5	x	x	78	89
	Brahmanbaria	000	0	6	00	00	97	03	1	051	81	6	4	5	0	0	78	89
	Sylhet	000	0	8	00	00	96	03	2	045	81	5	8	6	2	x	77	85
	Srimangal	005	2	7	00	00	96	03	6	052	81	6	3	4	2	1	75	87
Dacca	Mymensingh	015	0	8	27	02	97	02		056	77	8	6	6	x	x	75	81
	Narayanganj	256	3	8	00	00	95	03		040	77	2	7	4	2	x	75	89
	Dacca (Tezgaon)	240	5	8	00	00	96	02	9	043	76	2	3	5	7	x	75	89
	Faridpur	027	4	8	16	02	96	02	9	032	78	6	4	7	1	x	77	90
	Barisal	052	4	6	09	02	96	95	6	055	80	6	7	5	0	0	76	90
Rajshahi	Khulna	000	0	8	00	00	97	01	2	052	81	8	5	7	x	x	76	92
	Satkhira	000	0	7	00	00	95	03	2	049	84	7	6	8	0	0	78	92
	Jessore	003	8	8	36	02	96	03	6	053	80	8	8	5	x	x	77	88
	Sirajganj	062	7	8	00	00	95	02	9	031	75	8	7	5	x	x	75	87
	Bogra	360	3	5	23	02	96	01	9	048	77	1	5	5	7	0	75	87
	Dinajpur	018	8	6	00	00	96	02	6	047	81	6	0	9	2	0	77	82
	Rangpur	008	0	6	13	02	96	03	5	xxx	82	6	5	6	0	0	76	65
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	03	02	96	02	0	020	95	0	0	9	0	0	76	97
	Sialkot	000	3	2	00	0	97	02	0	017	88	2	0	9	3	0	81	90
Rawalpindi	Jhelum	000	8	3	10	00	97	01	2	013	90	1	1	7	7	0	79	95
	Rawalpindi	000	0	5	27	02	98	51	2	01	92	3	6	6	4	0	88	94
	Khushab	000	0	0	09	02	96	05	4	013	97	0	0	9	0	0	73	99
Multan	Lyallpur	000	0	5	16	02	96	07	0	017	97	4	0	9	4	0	74	98
	Montgomery	000	0	0	00	00	96	00	0	014	97	0	0	9	0	0	72	98
	Multan	000	0	0	23	02	98	02	0	014	96	0	0	9	0	0	76	98
Bahawalpur	Lalah	000	0	0	18	02	96	00	1	988	96	0	0	9	0	0	75	xx
	Khanpur	000	0	0	18	02	96	02	0	011	99	0	0	9	0	0	79	00
	Bahawalpur	000	0	0	00	00	97	00	0	023	96	0	0	9	0	0	71	99
	Fort Abbas	000	0	0	20	02	98	00	0	018	95	0	0	9	0	0	71	79
Peshawar	Chakdara	000	0	1	23	03	99	10	1	982	91	1	1	7	0	0	74	93
	Peshawar	000	0	2	05	02	96	05	0	999	94	2	2	6	0	0	75	96
	Haripur	000	4	3	09	04	97	01	2	006	93	3	5	6	0	0	79	97
	Campbellpur	000	0	2	23	05	98	03	0	012	95	2	1	7	0	0	74	97
D. I. Khan	Bannu	000	0	1	16	01	99	03	0	986	98	1	1	6	0	0	70	97
	D. I. Khan	000	6	0	00	00	98	00	0	998	99	0	0	9	0	0	82	01
Quetta	Sibi	000	0	0	23	02	99	00	0	008	01	0	0	9	0	0	72	03
Kalat	Nokkundi	000	0	0	36	02	99	02	0	985	02	0	0	9	0	0	31	04
	Turbat	000	0	0	31	02	96	00	0	038	02	0	0	9	0	0	77	01
	Jiwani	000	0	4	23	10	96	02	1	050	87	4	5	5	0	0	72	90
	Pasni	000	0	1	20	10	97	02	0	043	87	1	1	7	0	0	79	91
	Ormara	000	0	0	27	09	98	00	0	037	86	0	0	9	0	0	77	88
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	4	25	12	97	02	1	044	85	4	6	4	0	0	79	88
	Karachi (Air Port)	000	0	7	25	10	96	02	2	045	85	7	5	5	0	0	70	88
	Badin	000	3	8	23	02	96	03	2	050	87	8	9	7	x	x	78	88
	Nagarparkar	000	0	0	00	00	98	00	0	039	91	0	0	9	0	0	76	93
	Umarkot	000	0	3	16	07	98	02	0	038	88	3	1	6	0	0	75	91
	Hyderabad	000	0	0	20	09	97	02	1	035	90	0	0	9	0	0	75	93
Khairpur	Pad-i-dan	000	0	1	31	03	97	01	0	016	99	1	1	6	0	0	74	01
	Nawabshah	000	0	2	00	00	97	01	0	027	97	2	5	6	0	0	75	99
	Sukkur	000	4	0	27	02	96	00	0	013	95	0	0	9	0	0	76	98
	Kashmore	000	0	0	18	02	99	00	0	013	96	0	0	9	0	0	75	97
	Jacobabad	000	0	0	16	07	97	02	0	018	97	0	0	9	0	0	86	98
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	7	31	05	98	02	1	469	68	7	9	3	0	0	63	68
Peshawar	Drosh	000	0	0	27	07	98	02	0	420	92	0	0	9	0	0	54	98
	Cherat	000	0	0	18	03	98	00	0	459	82	0	0	9	0	0	78	83
	Kakul	000	8	2	18	05	97	01	1	463	81	2	2	7	0	0	67	85
	Landi Kotal	000	0	1	13	03	98	01	0	455	87	1	1	7	0	0	68	91
D.I. Khan	Parachinar	000	0	2	13	02	99	02	0	799	82	0	0	9	0	2	77	xx
	Miranshah	000	0	0	13	02	99	00	0	450	92	0	0	9	0	0	82	95
	Wana	000	1	2	11	07	99	03	0	423	86	2	2	8	0	0	44	92
	Fort Sandeman	000	0	1	00	00	98	03	0	468	95	0	0	9	0	3	65	97
Quetta	Hindubagh	000	0	0	25	02	98	00	0	413	90	0	0	9	0	0	52	90
	Loralai	000	0	3	13	03	96	01	1	424	87	3	2	7	0	0	43	91
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	1	00	00	96	02	0	453	88	1	1	5	0	0	51	91
	Chaman	000	0	0	27	02	97	00	0	453	92	0	0	9	0	0	xx	95
Kalat	Kalat	000	0	0	34	05	97	02	0	456	80	0	0	9	0	0	41	87
	Nushki	000	0	0	18	02	98	02	0	516	98	0	0	9	0	0	57	99
	Dalbandin	000	0	0	31	02	96	02	0	466	00	0	0	9	0	0	31	01
	Panjgur	000	0	2	23	03	98	03	0	470	93	2	0	9	3	0	52	94
Afghanistan	Kabul	000	0	0	18	02	99	00	0	484	84	0	0	9	0	0	59	90
	Kandahar																	

At 0300 Hrs. G.M.T. of date

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	000	0	3	16	03	97	03	0	082	84	1	5	7	0	4	77	75
Chittagong	000	0	5	13	05	97	02	1	096	83	5	5	6	0	0	78	77
Maijdee Court	000	9	5	00	00	97	03	0	086	83	3	2	6	2	0	77	79
Comilla	100	9	5	00	00	97	03	6	087	83	5	4	5	0	0	77	77
Brahmanbaria	000	0	6	00	00	97	03	1	069	82	6	4	5	0	0	80	78
Sylhet	000	0	7	00	00	97	03	2	091	82	3	4	6	6	0	78	77
Srimangal	005	0	7	00	00	96	03	1	091	80	6	4	5	5	0	76	76
Mymensingh	015	0	4	13	02	98	02	1	094	83	2	1	4	0	4	76	75
Narayanganj	256	5	8	16	02	97	03	6	084	86	7	4	6	3	x	79	75
Dacca (Tezgaon)	240	9	8	36	02	97	03	2	082	79	7	4	4	2	x	79	73
Faridpur	027	9	5	36	02	97	03	0	087	82	5	5	7	0	0	80	74
Barisal	052	9	4	18	01	97	03	9	080	85	4	0	7	6	0	79	78
Khulna	000	0	6	00	00	97	01	9	084	86	6	5	7	0	0	78	79
Satkhira	000	0	6	00	00	95	03	2	081	83	6	6	8	0	0	78	78
Jessore	003	0	6	18	03	97	03	2	083	83	6	4	6	0	0	79	77
Sirajganj	062	9	3	00	00	97	02	1	073	83	3	1	5	0	0	77	74
Bogra	360	0	3	05	02	96	03	9	067	81	2	4	5	3	0	74	75
Dinajpur	018	0	0	00	00	96	00	0	083	82	0	0	9	0	0	75	77
Rangpur	008	0	7	09	02	96	03	1	xxx	79	7	5	6	0	0	75	75
Jammu																	
Lahore (Jail Rd.)	000	9	3	23	02	96	02	0	057	84	3	0	9	3	0	75	81
Sialkot	000	6	6	00	00	97	02	2	052	81	8	5	6	x	x	79	78
Jhelum	000	4	4	05	02	96	01	2	048	83	2	1	7	3	0	78	80
Rawalpindi	005	0	7	00	00	97	03	5	041	81	7	5	3	0	0	79	79
Khushab	000	0	0	00	00	96	05	4	046	87	0	0	9	0	0	79	81
Lyallpur	000	0	0	16	02	96	00	0	047	80	0	0	9	0	0	72	79
Montgomery	000	0	0	00	00	96	00	0	055	82	0	0	9	0	0	72	79
Multan	000	0	0	18	02	98	02	0	040	81	0	0	9	0	0	77	80
Lalah	000	0	0	18	04	97	00	0	045	87	0	0	9	0	0	79	80
Khanpur	000	0	0	20	07	96	02	0	041	83	0	0	9	0	0	77	78
Bahawalpur	000	0	0	20	05	97	00	0	057	83	0	0	9	0	0	70	79
Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chakdara	000	0	6	00	00	98	03	0	077	75	6	0	8	4	0	75	72
Peshawar	000	0	1	31	02	96	05	0	040	82	1	1	7	3	0	77	82
Haripur	000	3	3	23	04	97	02	0	022	84	0	0	9	0	5	73	75
Campbellpur	...	...	—	—	...	—	—	—	—	...	...	...	—	...	...	...	—
Bannu	000	0	0	0	00	99	00	0	023	85	0	0	9	0	0	75	80
D. I. Khan	000	0	0	13	02	98	00	0	043	85	0	0	9	0	0	78	79
Sibi	000	0	9	13	02	97	00	0	045	85	0	0	9	0	0	75	84
Nokkundi	000	0	0	00	00	98	02	0	038	78	0	0	9	0	0	37	69
Turbat	000	0	0	31	02	95	00	0	055	79	0	0	9	0	0	77	xx
Jiwani	000	0	8	23	02	96	03	2	068	82	4	6	4	0	0	73	80
Pasni	000	0	7	29	09	97	02	2	065	83	7	5	7	0	0	77	83
Ormara	000	0	6	27	03	98	02	1	063	83	6	2	5	0	0	77	80
Las Bela																	
Karachi (Manora)	000	0	4	25	09	97	02	1	069	81	4	6	4	0	0	77	78
Karachi (Air Port)	000	0	4	23	09	97	01	1	064	81	2	5	5	3	0	76	80
Badin	000	0	0	23	02	96	00	0	069	81	0	0	9	0	0	77	79
Nagarparkar	000	0	0	27	02	98	00	0	081	80	0	0	9	0	0	67	76
Umarkot	000	0	0	18	05	98	00	0	057	78	0	0	9	0	0	77	75
Hyderabad	000	0	0	20	03	97	02	0	057	81	0	0	9	0	0	75	79
Pad-i-dan	000	0	0	13	07	97	02	0	049	82	0	0	9	0	0	75	78
Nawabshah	000	0	0	16	02	97	02	0	056	81	0	0	9	0	0	75	77
Sukkur	000	3	2	16	03	96	01	0	048	81	0	0	9	0	3	76	78
Kashmore	000	0	0	18	03	99	00	0	056	82	0	0	9	0	0	76	79
Jacobabad	000	0	0	13	02	97	02	0	051	83	0	0	9	0	0	77	80
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	000	2	8	27	02	96	03	4	492	63	8	5	2	x	x	62	59
Drosh	000	0	1	00	00	98	03	0	472	74	1	1	7	0	0	58	73
Cherat	000	0	0	23	01	98	00	0	445	74	0	0	9	0	0	70	68
Kakul	000	9	7	02	02	97	51	1	481	73	7	4	6	0	0	68	70
Landi Kotal	000	0	1	00	00	98	03	0	469	79	1	0	9	3	0	69	xx
Parachinar	000	0	3	00	00	99	02	0	797	68	3	0	9	1	0	58	xx
Miranshah	000	0	0	00	00	99	00	0	472	84	0	0	9	0	0	66	80
Wana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	000	0	1	11	03	97	01	0	477	79	0	0	9	0	0	70	73
Hindubagh	000	0	0	27	02	98	00	0	442	65	0	0	9	0	0	53	65
Loralai	000	0	0	27	02	98	00	0	398	67	0	0	9	0	0	65	60
Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	000	0	0	00	00	96	00	0	455	65	0	0	9	0	0	57	55
Chaman	000	0	0	09	01	97	00	0	464	73	0	0	9	0	0	21	68
Kalat	000	0	0	16	02	98	02	0	482	66	0	0	9	0	0	45	53
Nushki	000	0	0	05	09	98	02	0	532	64	0	0	9	0	0	50	71
Dalbandin	000	0	0	05	02	96	02	0	465	74	0	0	9	0	0	23	63
Panjgur	000	0	0	00	00	98	00	0	475	74	0	0	9	0	0	69	71
Kabul	...	...	...	—	...	—	—	—	...	—	...	...	...	...	...	...	...
Kandahar																	

Departure from Normal of / Rainfall

Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	−2	−1	115.5	+9.1	131.3	140
Chittagong	0	+1	93.1	+18.3	125.1	100
Maijdee Court	−1	+1	100.9	+19.4	132.8	118
Comilla	+1	0	62.7	+1.7	88.7	94
Brahmanbaria	—	—	44.9	−1.3	60.9	76
Sylhet	—	—	137.1	—	175.5	—
Srimangal	−4	+1	64.5	+7.7	76.5	98
Mymensingh	−6	−2	69.7	+9.1	91.8	91
Narayanganj	0	4	58.1	+11.5	79.4	74
Dacca (Tezgaon)	—	—	61.3	—	76.7	—
Faridpur	+3	−4	60.1	+14.8	88.4	71
Barisal	+3	0	96.3	+41.9	111.1	81
Khulna	+4	+2	65.8	+19.0	86.7	68
Satkhira	+1	+1	45.7	+1.6	86.8	65
Jessore	—	—	45.9	+3.7	96.1	65
Sirajganj	0	−4	59.4	+16.4	84.3	64
Bogra	−1	−2	59.4	+11.7	78.5	69
Dinajpur	6	0	32.2	−21.4	49.5	72
Rangpur	—	—	49.3	−9.5	69.2	84
Jammu						—
Lahore (Jail Rd.)	−1	+11	21.6	+12.6	25.5	19
Sialkot	−5	+6	49.4	+26.2	54.8	42
Jhelum	—	—	35.5	—	45.8	—
Rawalpindi	+1	+11	35.4	+12.4	48.5	36
Khushab	0	+7	14.1	+4.1	19.5	15
Lyallpur	0	+7	14.0	+4.9	16.8	12
Montgomery	−1	+5	6.1	−1.1	8.4	10
Multan	0	+6	5.8	+1.0	7.9	7
Lalah	—	—	4.6	—	6.5	8
Khanpur	−1	+4	0.5	−4.3	1.3	6
Bahawalpur	0	+5	5.4	+1.2	6.4	6
Fort Abbas						4
Chakdara	—	—	9.9	—	24.5	—
Peshawar	+2	+11	8.0	+3.7	21.9	14
Haripur	—	—	18.6	—	29.5	—
Campbellpur	—	—				—
Bannu	—	—	10.9	—	17.8	11
D. I. Khan	+2	+6	10.2	+4.8	13.9	10
Sibi	—	—	3.4	—	4.1	5
Nokkundi	—	—	0	—	1.1	2
Turbat	—	—	2.9	—	7.3	—
Jiwani	—	—	0.3	—	5.9	4
Pasni	+1	+8	0.6	−0.3	3.2	6
Ormara	—	—	1.7	+0.9	4.2	6
Las Bela						8
Karachi (Manora)	+3	+2	16.5	+10.5	16.5	8
Karachi (Air Port)	—	—	22.6	—	22.9	—
Badin	−7	+4	11.2	+4.0	11.2	9
Nagarparkar	—	—	38.0	—	38.0	—
Umarkot	—	—	18.8	—	19.5	—
Hyderabad	−5	−4	14.6	+8.7	15.4	7
Pad-i-dan	—	—	7.3	—	7.5	—
Nawabshah	—	—	6.4	—	9.1	—
Sukkur	—	—	3.5	—	4.6	4
Kashmore	—	—	2.0	—	2.1	—
Jacobabad	−4	+5	3.8	+1.5	4.5	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
HILL STATIONS						
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						26
Leh						3
Skardu						6
Misgar						—
Aliabad						
Gilgit						5
Murree	−2	+5	49.3	+14.6	74.5	59
Drosh	—	—	1.3	—	30.4	18
Cherat	−1	+4	20.1	+8.3	30.1	29
Kakul	—	—	48.2	—	32.9	—
Landi Kotal	—	—	2.5	—	17.5	—
Parachinar	—	—	13.4	—	27.3	29
Miranshah	—	—	2.7	—	5.7	13
Wana	—	—				—
Fort Sandeman	+5	+10	7.1	+2.1	15.9	11
Hindubagh	—	—	4.6	—	12.6	—
Loralai	—	—	7.1	—	13.0	—
Harnai	—	—	8.4	+1.1	12.7	14
Quetta	—	—	4.7	+3.7	10.2	8
Chaman	+6	+7	0.1	—	6.2	7
Kalat	+6	+7	6.3	+5.1	11.0	9
Nushki	—	—	1.1	—	2.9	—
Dalbandin	+3	+5	0.2	−0.1	2.2	5
Panjgur	0	+8	2.5	—	4.1	4
Kabul	—					13
Kandahar						

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M. T. of the same day
Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 23rd SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_s C_h h_s	0 $T_sT_sT_dT_d$	$id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Karanja	33 053	591 00	7 22 13	98 01 2	110 81	32 5 08	86 60 4	...	0 01 73	1 22 92
Tambamaru	33 166	691 09	1 28 10	98 01 1	092 79	16 5 40	76 40 0	...	0 80 77	...
Circassia	33 233	631 06	8 19 05	98 02 2	103 81	05 7 xx	...	...	...	...
Eurycles	33 730	607 12	2 18 08	97 02 1	071 88	xx x xx	75 62 0	...	...	...
Bulimba	33 248	583 12	1 36 10	97 02 1	190 82	10 9 80	76 62 0	...	0 52 77	1 10 22
Caltex Delft	33 247	578 12	1 14 09	98 01 1	052 86	12 4 00	...	...	0 52 77	1 14 21
Yoohomaru	33 221	615 12	6 22 10	98 02 1	060 84	44 5 20	35 60 2	...	1 01 77	...
Yoohomaru	33 210	629 18	8 20 04	96 02 2	690 79	84 4 xx	35 21 0	...	0 52 75	...
Circassia	33 242	660 18	4 21 09	98 03 0	079 82	47 5 00	...	...	...	...
Caltex Delft	33 240	586 18	1 13 09	98 02 0	060 82	00 9 00	...	...	0 53 77	1 13 21
Tambamaru	33 195	652 18	3 24 12	98 03 0	082 79	28 5 20	76 10 2	...	0 01 75	...
Labour	33 101	760 21	1 18 21	98 02 0	140 77	11 4 40	55 40 0	...	1 02 72	1 18 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	...													
Chittagong	...													
Dacca	00 00		Misda	...	...	...	...	...	...	...	...	...	...	...
Jiwani	...													
Karachi	00 00	003 272 245	046 238 999	..	425 188 999	..	098 115 999	371 048 999	834 530 999	562 652 999	967 815	243 015	423 178	..
Lahore	01 00	980 275 242	034 xxx xxx	...	472 248 188	...	110 098 999	365 502 999	795 605 999	471 725 999	...	...	...	...
Multan	...													
Peshawar	23 00	962 275 255	...	...	410 245 158	...	114 132 042	391 062 999	862 512 999	610 605 999	976 762	...	...	...
Quetta	...													

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	...												
Chittagong	...												
Dacca	00 00	Misda	..	...	...	...	...		...	...	..	...	..
Jiwani	...												
Karachi	00 00						...	...	...	...	150 178 999	...	...
Lahore	01 00	900 272 195	800 195 999	350 782 999	250 900 999	218 982 999	...	...	...	...	218 928 999	...	...
Multan	...												
Peshawar	23 00	900 262 235	800 208 145	350 685 999	289 782 999		...	...	..	...	289 782 999	...	...
Quetta	...												

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures(in tenths of oC.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

At 1200 hrs. G.M.T. of Previous day (dd ff)

Height in Kms. a.s.l. → STATION	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)
Bogra	15 10	28 03	29 06	24 03	20 04	05 03	36 12	36 21	32 10
Chaklala			...	..	...	...	...	...	..
Chhor	21 15	21 12	22 12						
Chittagong	21 07	21 03	22 02	30 02	35 05	36 03	22 07	22 09	20 11
Cox's Bazar	23 05	29 03	31 01	33 02	34 04	...	...	...	...
Dacca	31 07	36 03	04 03						
Dalbandin	...	...	26 02	24 04	17 05	15 04	35 02	10 03	05 03
D. I. Khan		...							...
Drosh	...	...	...		22 05	19 20	19 24	18 25	...
Fort Sandeman		...	...	18 02	23 03	03 03	02 10	03 13	36 06
Jacobabad	15 04	16 01	22 01	33 02	36 04	34 11	05 10	02 02	06 02
Jessore	03 08	03 16	02 17	35 04					
Jhelum	17 04	23 05	24 06	30 10	29 11	36 09	19 11	22 01	35 03
Jiwani	20 13	18 09	34 04	24 03	05 04	33 07	...	...	...
Karachi	26 15	24 14	28 19	04 08	26 06				
Khanpur	22 14	23 12	21 18	21 23	20 11	9 10	32 15	05 02	06 06
Lahore	32 03	25 02	22 09	25 04	32 06	32 06	11 04	13 03	10 06
Multan	21 09	19 11	18 13	16 10	30 07	33 10	35 03	01 12	02 12
Muscat	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...					...	...
Peshawar	...	04 05	09 06	15 08	21 09	30 09	36 09	...	...
Quetta	...	...	...	...	27 03	12 02	33 01	23 01	34 02
Sharjah	...	...	...		...		...	...	...
Sylhet	...	...	...	...		...	...	...	...
Veraval	...	...	...	...	...	...	...	...	...

At 0000 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. → STATION	0.3 (11)	0.6 (12)	0.9 (13)	1.5 (14)	2.1 (15)	3.0 (16)
Bogra	04 03	05 03	12 03	04 04	09 04	12 12
Chaklala	...	12 07	25 03	26 06	32 05	..
Chhor	22 18	24 20	22 19	14 10	06 07	07 06
Chittagong	17 06	17 06	17 04	15 02	23 02	08 03
Cox's Bazar	17 04	22 50	03 02	12 04	12 03	12 02
Dacca	15 04	16 06	15 04	13 05	09 01	
Dalbandin	...		20 02	10 08	35 04	04 07
D. I. Khan	...	...				
Drosh	...	...	...	23 01	21 03	20 06
Fort Sandeman	...	...		07 03	02 04	01 10
Jacobabad	17 17	23 05	31 05	35 04	18 10	09 12
Jessore	07 05	25 03	05 01		...	...
Jhelum	10 02	19 04	27 08	31 07		...
Jiwani	23 07	20 06	20 03	...	...	...
Karachi	28 17	27 15	28 11	...		...
Khanpur	21 24	23 28	25 19	25 08	08 05	28 15
Lahore	25 12	26 13	26 07	31 05	02 03	10 03
Multan	19 19	21 22	22 15	23 12	33 02	29 04
Muscat	...				...	
Panjgur	...	...				
Peshawar	...	34 07	33 06	28 05	15 03	36 03
Quetta	...	...	...	...	36 02	32 12
Sharjah	...					
Sylhet	07 02	10 01	05 01	14 01	08 02	08 05
Veraval	...	...	...	...		

At 600 hrs. G.M.T. † of date (dd ff)

Height in Kms. a.s.l. → STATION	0.3 (17)	0.6 (18)	9.0 (19)	1.5 (20)	2.1 (21)	3.0 (22)	4.5 (23)	5.4 (24)	6.0 (25)	7.2 (26)	9.0 (27)
Bogra	No	Ascent	...	...	...	...	...	...	...	...	...
Chaklala				...	...	..	..	...	...	...	...
Chhor	21 13	21 17	23 18	...		...		...	...	...	...
Chittagong	24 03	22 01			...	...		...	..	...	..
Cox's Bazar	23 07	17 03	10 02			...	...	...	...	...	...
Dacca	08 01	12 02	14 04	13 05	12 07		...	...	...	...	...
Dalbandin	...	...	06 05	09 09	10 08	14 09	09 10	03 08	04 10	03 09	03 09
D. I. Khan	...	...									...
Drosh	...	...	...	...	25 04	26 07	15 05	30 05	27 12		
Fort Sandeman		...	...	04 03	05 01	36 03	09 08	03 11	02 12	04 05	09 08
Jacobabad	15 04	14 03	25 03	16 07	08 10	09 04	04 03	29 03	...	...	...
Jessore						...	...	...	...	...	...
Jhelum	14 04	13 04	13 03	22 10	29 11	...	..	...	...	...	...
Jiwani	20 08	19 06	19 08	...		...	...	...	..		...
Karachi	26 15	29 08					...	...	..	...	...
Khanpur	20 12	19 12	18 12	19 09	17 03	32 08					
Lahore	29 03	27 07	27 04	21 04	20 04	15 04	22 18	18 21	15 11	25 07	..
Multan	20 12	17 12	17 14	18 11	07 04	36 08	07 05	10 09	06 07	34 08	..
Muscat	...	...	...	..	...	...	...	..	...	...	...
Panjgur	...	...	...	...	...	...	...	...	..	...	...
Peshawar	...	...	...	...		...	...				
Quetta	...	...	...	...	35 02	14 05	06 09	08 05	04 05	30 04	36 07
Sharjah			...	...	...	...		...	...	...	
Sylhet	20 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. → STATION.	0.3 (2)	0.6 (3)	0.9 (4)	1.5 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)	7.2 (11)	9.0 (12)	10.5 (13)	12.0 (14)	14.1 (15)	16.2 (16)	18.0 (17)	21.0 (18)	24.0 (19)
Chittagong																		
Dacca	...	Misda			...			...									...	
Karachi	6 22	27 19	29 15	29 09	04 08	05 16	01 05	05 07	06 08	19 08	10 04	11 06	09 15	09 35	09 29	09 35	...	..
Peshawar	...	33 17	34 10	28 04	24 06	08 05	07 09	07 23	05 13	06 09	29 24	31 17	31 20	32 14	...		..	
Quetta																		

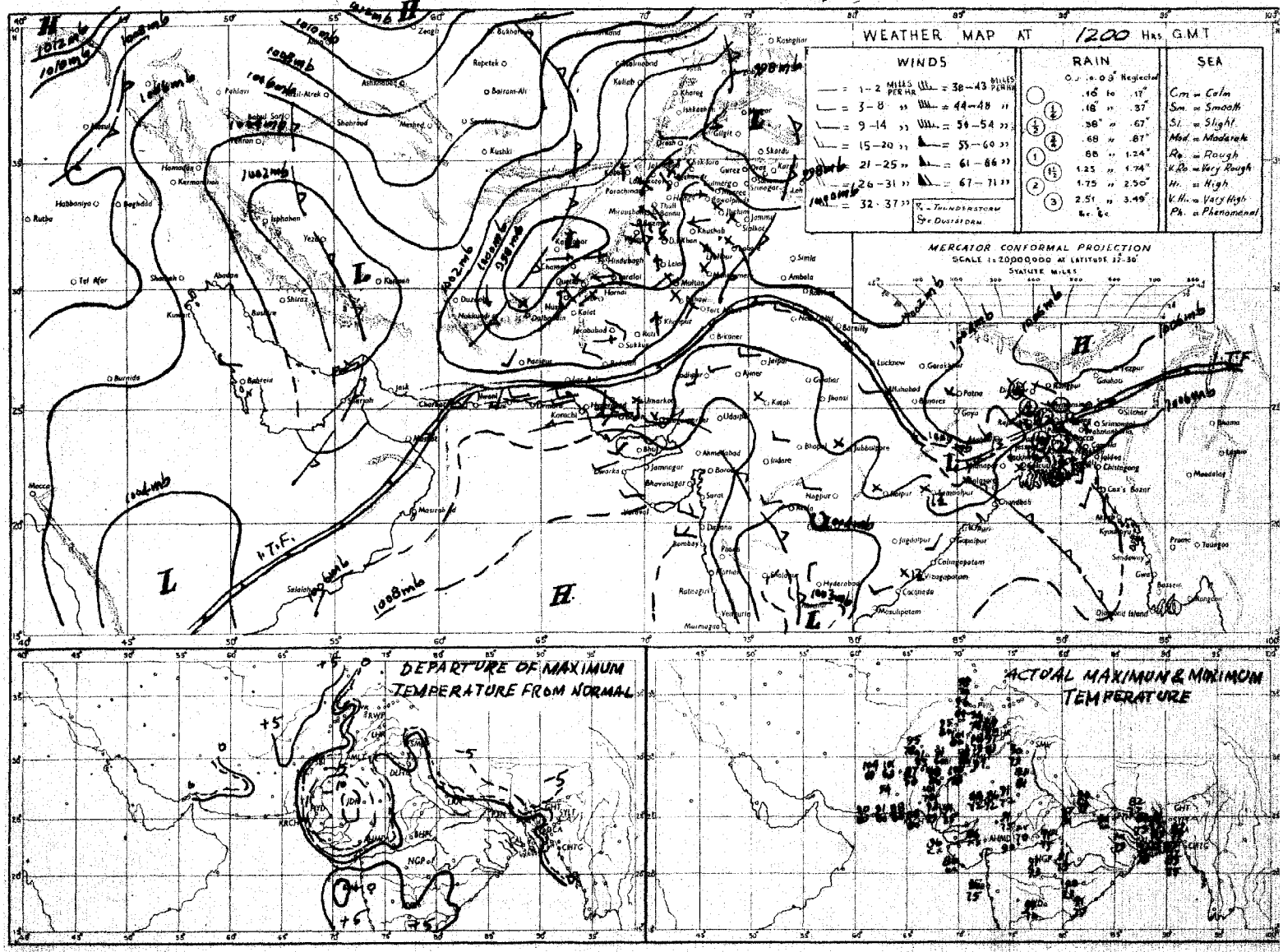
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

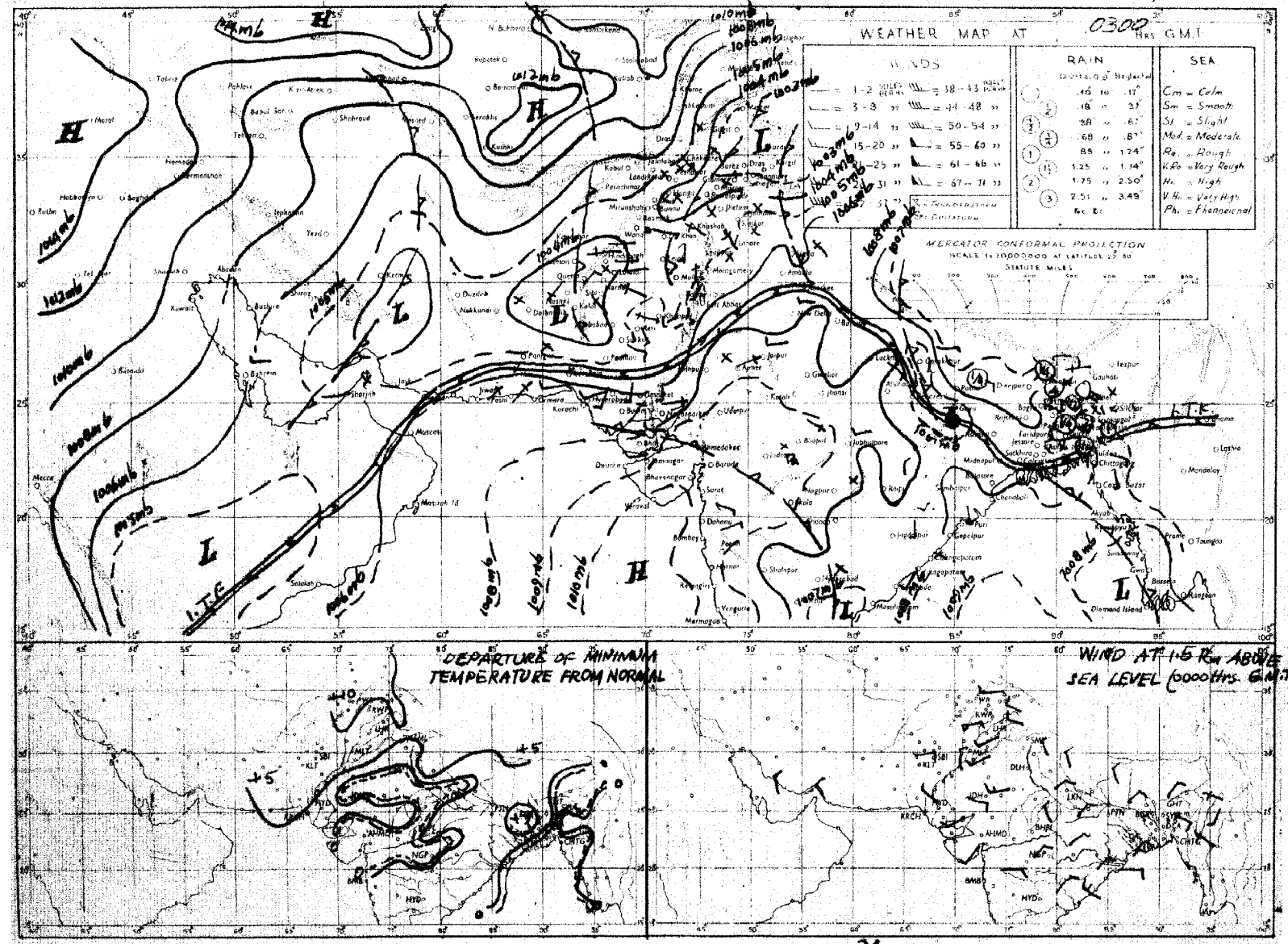
TUESDAY 22nd SEPTEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 23rd SEPTEMBER, 1959.



Rainfall amounts indicated in the above chart, refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

THURSDAY THE 24th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's trough of low extending to Rawalpindi division is now moving away across Kashmir while a fresh westerly low pressure wave is approaching Peshawar division. They have caused fairly widespread rain/thundershowers in Rawalpindi division, local in Lahore division and scattered in Peshawar and D. I. Khan divisions.

The easterly low pressure wave has moved into north Andaman Sea and adjoining east central Bay of Bengal.

Local rain/thundershowers have occurred in Chittagong division and scattered in Dacca and Rajshahi divisions.

Chief amounts of rainfall are:- Jhelum 3/4"; Maijdee Court, Rawalpindi, Murree and Kakul ½" each and Dacca, Satkhira and Sialkot 1/4" each.

Day temperatures were:- 4—7°F below normal in Lahore and Hyderabad divisions and 3—6°F above normal in north Kalat, Quetta and D. I. Khan divisions.

Forecast valid until the evening of 25th September, 1959. Rain/thundershowers will be local in East Pakistan, Peshawar, Rawalpindi divisions and Kashmir and scattered in Lahore, D. I. Khan and Multan divisions.

Karachi-11
The 24th September, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wz (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	4	5	23	01	96	02	9	048	84	3	9	7	0	2	77	87
	Chittagong	003	0	4	25	09	97	01	1	046	83	3	2	7	2	0	77	88
	Maijdee Court	000	9	3	00	00	98	01	0	040	87	1	0	9	3	2	79	90
	Comilla	000	0	0	00	00	95	00	0	050	81	0	0	9	0	0	78	89
	Brahmanbaria	000	0	3	00	00	97	01	1	043	85	1	1	5	7	0	78	90
	Sylhet	000	0	3	27	02	96	02	0	037	82	1	1	6	7	0	77	89
	Srimangal	016	5	3	00	00	96	03	9	042	84	3	4	5	0	0	79	xx
Dacca	Mymensingh	000	0	3	00	00	98	01	1	043	86	1	2	6	0	9	78	89
	Narayanganj	000	9	7	09	02	96	03	2	039	86	1	5	6	0	8	78	89
	Dacca (Tezgaon)	026	9	7	00	00	97	03	9	038	83	2	3	5	0	4	80	88
	Faridpur	000	8	3	00	00	96	01	1	023	87	2	3	7	1	0	79	88
	Barisal	000	0	3	00	00	97	03	0	036	87	3	0	8	6	0	80	90
Rajshahi	Khulna	000	0	5	00	00	97	01	2	040	86	5	5	7	0	0	79	89
	Satkhira	022	0	4	00	00	97	03	6	034	85	4	6	8	0	0	81	88
	Jessore	000	0	4	36	02	97	01	1	042	87	4	4	6	0	0	80	93
	Sirajganj	000	0	6	00	00	95	03	1	030	84	6	0	9	5	0	78	89
	Bogra	000	0	2	31	02	96	01	2	042	86	2	0	9	4	0	77	90
	Dinajpur	000	0	0	00	30	96	00	0	033	85	0	0	9	0	0	78	90
	Rangpur	000	0	1	00	00	96	01	0	xxx	82	1	1	6	0	0	79	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	5	13	02	96	02	1	035	92	4	8	6	3	2	75	98
	Sialkot	000	0	4	13	02	97	03	0	023	90	4	2	6	0	0	83	91
Rawalpindi	Jhelum	086	2	6	36	02	97	01	9	035	78	6	0	9	1	0	74	93
	Rawalpindi	000	0	7	00	00	98	02	2	028	68	3	3	6	9	0	74	94
	Khushab	000	0	3	00	00	96	05	4	023	98	3	3	6	0	0	72	00
Multan	Lyallpur	000	0	6	29	02	96	02	0	019	94	6	0	9	5	0	70	97
	Montgomery	000	0	0	00	00	96	00	0	024	96	0	0	9	0	0	73	99
	Multan	000	0	0	00	00	98	02	0	021	97	0	0	9	0	0	75	98
Bahawalpur	Leiah	000	0	2	18	03	97	03	0	018	98	2	0	8	6	0	74	05
	Khanpur	000	0	0	09	03	96	02	0	013	99	0	0	9	0	0	74	00
	Bahawalpur	000	0	0	00	00	97	00	0	057	98	0	0	9	0	0	82	99
	Fort Abbas	000	0	0	16	02	98	00	0	032	84	0	0	9	0	0	75	79
Peshawar	Chakdara	000	0	2	23	03	99	01	1	988	91	1	1	7	0	0	79	99
	Peshawar	000	2	4	13	03	96	17	9	015	92	4	9	6	0	0	73	96
	Haripur	000	4	5	31	06	97	03	2	991	94	5	1	6	0	0	78	95
	Campbellpur	000	3	6	20	02	98	03	1	008	97	6	1	5	0	0	74	97
D. I. Khan	Bannu	000	0	2	13	01	99	03	0	997	96	2	1	6	0	0	70	98
	D. I. Khan	000	6	0	00	00	98	00	0	006	97	0	8	9	0	0	82	99
Quetta	Sibi	000	0	0	23	22	99	00	0	007	92	0	0	9	0	0	71	03
Kalat	Nokkundi	000	0	0	09	02	98	02	0	974	02	0	0	9	0	0	46	03
	Turbat	000	0	1	31	02	96	02	0	034	93	0	0	9	0	1	77	94
	Jiwani	000	0	6	23	09	97	01	2	047	85	6	6	4	0	0	75	88
	Pasni	000	0	8	23	14	97	02	2	039	85	8	5	7	x	x	79	89
	Ormara	000	0	0	27	09	98	00	0	028	86	0	0	9	0	0	77	89
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	4	25	10	98	02	1	042	87	4	0	9	4	0	80	89
	Karachi (Air Port)	000	0	4	25	10	96	01	2	041	85	4	5	5	0	0	76	87
	Badin	000	0	0	23	02	97	00	0	044	87	0	0	9	0	0	77	90
	Nagarparkar	000	0	0	00	00	98	00	0	036	92	0	0	9	0	0	74	93
	Umarkot	000	0	2	18	05	98	02	0	031	89	2	1	6	0	0	73	92
	Hyderabad	000	0	1	18	10	97	01	0	035	89	1	5	6	0	0	75	93
Khairpur	Pad-i-dan	000	0	0	18	07	97	02	0	017	99	0	0	9	0	0	69	99
	Nawabshah	000	0	2	09	02	97	01	0	029	94	2	1	6	0	0	74	97
	Sukkur	000	4	0	16	02	96	00	0	012	96	0	0	9	0	0	74	98
	Kashmore	000	0	0	18	02	99	00	0	011	96	0	0	9	0	0	69	97
	Jacobabad	000	0	0	31	07	97	02	0	017	96	0	0	9	0	0	72	98
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar	000	0	0	09	05	98	00	0	005	71	0	0	9	0	0	37	80
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	046	4	8	05	05	96	03	9	473	63	8	5	2	x	x	62	68
Peshawar	Drosh	000	0	1	27	10	97	01	0	429	94	1	1	7	0	0	53	97
	Cherat	000	0	2	18	01	96	05	0	454	78	1	2	6	1	0	74	85
	Kakul	000	6	6	13	02	97	17	9	470	77	5	3	6	6	0	70	84
	Landi Kotal	000	0	3	13	03	98	02	0	463	85	3	5	7	0	3	70	98
D.I. Khan	Parachinar	000	0	2	13	03	99	02	0	799	89	2	0	9	2	0	79	xx
	Miranshah	000	0	0	05	03	99	00	0	460	92	0	0	9	0	0	80	94
	Wana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman	000	0	4	07	05	97	01	1	468	91	4	0	9	7	0	68	95
	Hindubagh	000	0	0	13	01	98	00	0	389	90	0	0	9	0	0	45	90
	Loralai	000	0	4	13	03	97	01	1	424	86	2	3	6	3	0	48	90
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	2	18	02	95	02	0	449	87	2	9	7	0	0	39	90
	Chaman	000	0	0	36	02	97	00	0	447	93	0	0	9	0	0	29	95
Kalat	Kalat	000	0	0	05	03	98	02	0	445	82	0	0	9	0	0	47	87
	Nushki	000	0	0	27	11	98	02	0	457	02	0	0	9	0	0	56	71
	Dalbandin	000	0	0	36	02	97	02	0	458	00	0	0	9	9	0	32	03
	Panjgur	000	0	0	31	02	96	00	0	463	95	0	0	9	0	0	38	97
Afghanistan	Kabul	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kandahar																	

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 cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	002	1	6	23	03	97	03	9	079	86	4	9	6	8	4	79	78	0	+ 2	115.5	+ 8.7	131.3	401
	Chittagong	011	4	8	00	00	96	61	9	091	75	8	7	5	x	x	73	75	+ 1	— 1	93.2	+18.0	125.2	108
	Maijdee Court	065	6	6	00	00	97	03	6	085	79	1	1	6	2	x	79	73	— 1	— 5	101.6	+19.5	133.5	115
	Comilla	000	0	4	00	00	97	03	0	082	82	4	4	7	0	0	78	78	+ 1	+ 1	62.7	+ 1.3	88.7	94
	Brahmanbaria	000	0	2	23	02	97	03	0	084	83	2	2	5	0	0	79	79	—	—	44.9	— 1.6	60.9	76
	Sylhet	070	0	5	00	03	97	03	0	076	85	5	8	6	0	0	79	77	—	—	137.1	—	175.0	—
	Srimangal	016	4	4	00	00	97	03	4	085	86	4	8	5	0	0	77	74	—	— 1	64 6	+ 7.6	77.7	98
Dacca	Mymensingh	000	0	0	00	00	98	00	0	085	86	0	0	9	0	0	77	78	0	+ 1	69 7	+ 8.8	91.8	91
	Narayanganj	003	9	6	11	03	96	03	1	079	86	2	5	4	4	3	80	81	0	+ 2	58.1	+11.2	79.4	74
	Dacca (Tezgaon)	026	9	7	11	02	97	03	1	076	86	6	3	5	7	0	80	79	—	—	61.6	—	76.9	—
	Faridpur	000	9	4	07	02	97	03	0	060	83	4	5	8	0	0	77	78	+ 1	0	60.1	+14.5	88.4	71
	Barisal	003	6	6	00	00	97	03	4	081	85	4	0	8	4	2	78	80	+ 3	+ 2	96.3	+41.5	111.1	81
Rajshahi	Khulna	000	0	7	00	00	97	01	2	076	87	7	5	7	0	0	80	80	+ 1	+ 3	65.8	+18.7	86.7	68
	Satkhira	022	0	8	00	00	95	03	2	080	84	8	6	8	x	x	78	77	— 1	0	45.9	+ 1.5	64.0	65
	Jessore	000	0	6	23	02	97	01	1	074	84	6	8	6	0	0	81	77	—	—	45.9	+ 3.4	96.1	65
	Sirajganj	000	0	1	00	00	97	02	0	068	88	1	1	4	0	0	77	78	+ 2	0	59.5	+16.1	84.3	64
	Bogra	000	0	0	05	02	97	02	0	076	86	0	0	9	0	0	76	78	+ 2	+ 1	59.4	+11.4	78.5	69
	Dinajpur	001	0	4	00	00	96	02	1	072	81	4	0	8	4	0	78	75	+ 2	— 2	32.2	—11.9	49.5	72
	Rangpur	000	0	1	09	02	96	02	0	xxx	83	1	1	6	0	0	79	77	—	—	49.3	— 9.9	69.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	9	3	00	00	96	01	1	088	79	1	2	8	3	9	69	75	— 0	+ 5	21.7	+ 7.3	25.5	19
	Sialkot	018	0	3	00	00	98	01	6	080	78	2	0	9	3	2	72	73	— 4	+ 1	49.6	+26.4	55.0	32
Rawalpindi	Jhelum	087	7	4	05	03	98	01	9	081	79	1	1	7	3	0	73	74	—	—	36.4	—	46.7	—
	Rawalpindi	049	0	7	00	00	99	02	2	075	78	7	0	9	6	0	73	71	+ 1	+ 4	35.9	+12.8	49.0	36
	Khushab	000	0	3	18	02	96	13	1	076	80	3	3	6	0	0	73	76	+ 1	+ 2	14.1	+ 4.0	19.5	15
Multan	Lyallpur	000	0	0	16	03	96	00	0	076	78	0	0	9	0	0	71	75	— 1	+ 3	14.0	+ 4.9	16.8	12
	Montgomery	000	0	0	13	02	96	00	0	079	78	0	0	9	0	0	72	75	0	+ 1	6.1	— 1.2	8.4	10
	Multan	000	0	1	13	02	98	02	0	069	82	0	0	9	0	2	75	80	0	+ 5	5.8	+ 0.9	7.9	7
Bahawalpur	Leiah	003	0	5	36	01	98	11	2	104	84	5	7	8	6	x	78	80	—	—	4.6	—	6.5	8
	Khanpur	008	0	0	28	03	96	02	0	043	62	0	0	9	0	0	75	79	— 1	+ 5	0.5	— 4.3	1.3	6
	Bahawalpur	000	0	0	20	02	97	00	0	066	83	0	0	9	0	0	75	79	0	+ 7	5.4	+ 1.2	6.4	6
	Fort Abbas	000	0	0	20	03	98	0	0	069	83	0	0	9	0	0	71	77	—	—	8.1	—	6.4	4
Peshawar	Chakdara																							—
	Peshawar	000	9	6	00	00	96	02	9	073	79	3	4	6	1	1	72	75	+ 2	+ 6	8 8	+ 3.7	21.9	14
	Haripur																		—					—
	Campbellpur	000	0	7	23	03	98	03	0	100	79	7	3	5	0	0	71	75	—	—	21.6	—	35.5	—
D. I. Khan	Bannu	000	2	3	.0	00	99	02	0	052	83	3	0	9	3	0	74	80	—	—	10.9	—	17.8	11
	D. I. Khan	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	0					10
Quetta	Sibi	000	2	6	18	02	98	03	1	064	85	6	0	9	9	0	73	83	—	—	3 4	—	4.1	5
Kalat	Nokkundi	000	0	0	26	02	97	.2	0	028	82	0	0	9	0	0	67	72	—	—	0	—	1.1	2
	Turbat	000	0	0	36	02	95	00	0	008	82	0	0	9	8	0	.6	xx	—	—	2.9	—	7.3	—
	Jiwani	000	2	8	00	00	97	03	5	076	81	6	6	4	1	x	74	79	—	—	0.3	—	5.9	4
	Pasni	000	0	2	29	03	97	02	0	072	82	2	0	9	2	0	76	79	— 1	+ 7	0.6	— 0.3	3.2	6
	Ormara	000	0	4	27	03	98	02	1	065	84	4	0	9	4	0	77	81	—	—	1.7	+ 0.9	4.2	6
	Las Bela																							8
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	4	27	10	97	02	1	074	81	4	0	9	4	0	75	78	+ 4	+ 2	16.5	+10.5	16.5	8
	Karachi (Air Port)	000	0	5	27	02	96	03	1	072	81	5	5	5	0	0	77	78	—	—	22.6	—	22.9	—
	Badin	000	0	0	23	02	96	00	0	068	81	0	0	9	0	0	78	77	— 5	+ 2	11.2	+ 4.0	11.2	9
	Nagarparkar	000	0	0	23	02	98	00	0	079	78	0	0	9	0	0	75	75	—	—	38.0	—	38.0	—
	Umarkot	000	0	0	18	03	98	00	0	071	77	0	0	9	0	0	75	78	—	—	19.8	—	19.5	—
	Hyderabad	000	0	0	23	02	97	02	0	068	81	0	0	9	0	0	75	78	— 5	+ 3	14.6	+ 8.7	15.4	7
Khairpur	Pad-i-dan	000	0	0	13	05	97	02	0	060	81	0	0	9	0	0	75	77	—	—	7.3	—	7.5	—
	Nawabshah	000	0	8	18	03	96	02	0	067	81	0	0	9	0	0	75	77	—	—	6.4	—	7.1	—
	Sukkur	000	0	0	16	02	96	00	0	059	81	0	0	9	0	0	77	79	—	—	3.5	—	4.6	4
	Kashmore	000	0	0	00	00	99	00	0	055	85	0	0	9	0	0	75	80	—	—	2.0	—	2.1	—
	Jacobabad	000	0	2	18	03	97	03	0	062	81	2	0	9	3	0	77	80	— 5	+ 5	3.8	+ 1.5	4.5	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							—
Arabia	Muscat																							4
	Kuwait																							—
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu																							6
	Misgar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Aliabad																							—
	Gilgit																							5
Rawalpindi	Murree	052	2	9	13	02	90	49	6	500	62	9	x	0	x	x	59	58	— 2	+ 4	49.8	+15.0	75.1	59
Peshawar	Drosh	000	4	6	00	00	96	01	2	482	77	4	2	6	5	0	59	76	—	—	1.3	—	30.4	18
	Cherat	000	0	8	18	01	97	47	0	487	69	8	5	6	x	x	xx	68	+ 1	+ 4	20.1	+ 8.3	30.1	29
	Kakul	046	9	7	18	02	97	01	9	487	71	7	5	7	0	0	67	65	—	—	48.2	—	52.9	—
	Landi Kotal	000	0	3	00	00	98	01	1	484	73	3	5	7	0	0	69	xx	—	—	2.5	—	17.5	—
D.I. Khan	Parachinar	015	2	4	00	00	99	02	9	800	67	2	0	9	2	2	63	xx	—	—	13.5	—	22.4	29
	Miranshah	000	0	6	05	02	99	03	1	478	92	4	2	7	2	0	67	94	—	—	2.7	— 2.0	3.7	13
	Wana	000	0	3	27	03	99	10	1	445	77	3	2	8	0	0	58	90	—	—	5.1	—	14.1	—
Quetta	Fort Sandeman	000	0	2	00	00	97	01	0	487	77	0	0	9	0	3	59	74	+ 3	+ 11	7.1	+ 2.1	15.9	11
	Hindubagh	000	0	0	27	01	98	02	0	449	65	0	0	9	0	0	50	64	—	—	4.6	—	12.6	—
	Loralai	000	0	4	27	03	96	01	0	389	71	3	0	9	3	1	67	63	—	—	7.1		13.0	—
	Harnai	000	5	3	09	04	96	21	4	xxx	xx	x	x	x	x	x	xx	xx	—	—	8.4	+ 1.1	12.7	14
	Quetta	000	0	0	00	00	96	00	0	475	69	0	0	9	0	0	61	61	—	—	4.7	+ 3.7	10.2	8
	Chaman	020	0	0	00	00	97	0`	0	474	73	0	0	9	0	0	37	70	+ 6	+ 9	0.1	0	6.2	7
Kalat	Kalat	000	0	1	16	05	97	02	1	494	65	0	0	9	0	1	45	57	+ 6	+ 11	6.3	+ 5.1	11.0	9
	Nushki	080	0	0	09	02	98	02	0	532	84	.0	0	9	0	0	64	71	—	—	1.1	—	2.9	—
	Dalbandin	000	0	0	00	00	97	02	0	462	74	0	0	9	0	0	25	68	+ 5	+ 10	0.2	— 0.1	2.2	5
	Panjgur	080	0	0	00	00	98	00	0	485	75	0	0	9	0	0	66	71	+ 3	+ 8	2.5	—	4.1	4
Afghanistan	Kabul	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					12
	Kandahar																							—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitte.

RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M.T. of the same day

Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 24th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_hh C_mC_h$	D,V. a PP	8 N, Ch, h,	O T, T, T_d T_d	Id.d.PH.
	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Karanja	43 115	618 00	7 24 10	98 25 8	092 79	70 9 10	86 61 0	...	0 02 73	1 24 22
Yoohomaru	43 200	640 09	8 23 06	97 02 2	075 79	84 4 xx	35 52 0	...	0 01 75	...
Tambamaru	43 234	638 00	8 20 13	97 02 2	067 79	28 5 7x	76 70 4	...	0 00 73	...
Ovion	43 099	629 00	8 27 16	99 02 2	089 79	47 4 5x	67 71 0	...	0 56 75	...
Tambamaru	43 213	624 06	8 18 07	98 02 2	083 81	80 6 2x	76 20 5	...	8 02 75	...
Santhia	43 249	695 06	5 26 09	98 02 2	093 82	50 9 60	35 10 2	...	0 02 75	1 26 21
Tambamaru	43 725	609 12	1 18 09	98 01 0	048 84	11 5 00	76 71 0	...	0 03 75	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
					HHHTTT TdTdTd						HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	...													
Chittagong	...													
Dacca	...	00 00	005 275 238	051 252 198	...	400 175 115	...	093 095 048	352 012 612	...	...	...	...	...
Jiwani	...													
Karachi	...	00 00	006 262 xxx	046 262 235	...	450 203 115	...	140 130 999	391 020 999	855 512 999	604 608 999	976 750	256 990	442 089	694 185
Lahore	...	00 00	983 235 205	066 xxx xxx	...	460 170 999	...	090 105 999	354 038 999	813 535 999	553 605 999	...	...	...	...
Multan	...													
Peshawar	...													
Quetta	...													

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT TdTdTd	Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18 19 20 21 22 23 24 25 26	27	28	29
Bogra	...				
Chittagong	...				
Dacca	...	00 00	600 012 612	...	...
Jiwani	...				
Karachi	...	00 00 900 232 205	900 232 205	...	...
Lahore	...	00 00 900 185 999 850 170 999 350 640 999	350 640 999	...	...
Multan	...				
Peshawar	...				
Quetta	...				

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures(in tenths of oC.)
St:-Character of tropopause.

HHH, HHHH (heights)—Tent of geopotential m
TT—Dry bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in Kms. a.s.l	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	...																									
Chaklala	...	No	Ascent	...	...	...	...	...	...	No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Chhor	...	20 15	21 16	21 16	20 07	...	...	...	...	23 13	23 13	21 12	16 07	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong	...	23 10	25 05	31 03	06 02	...	...	...	...	14 02	18 04	28 02	04 04	02 10	...	20 12	20 10	21 09	...	...	...	...	...	...	...	...
Cox's Bazar	...	29 03	35 03	03 03	04 04	...	...	...	...	13 01	11 01	08 01	...	...	...	13 04	13 06	15 05	11 06	04 03	16 03	...	...	...	...	...
Dacca	...	05 02	03 04	02 04	03 04	06 02	12 05	11 06	15 04	24 03	11 02	08 02	07 02	04 06	06 05	07 05	13 01	...	...	...	...	...	...	...	...	...
Dalbandin	...			22 02	30 01	15 03	15 03	04 10	04 09	02 08			03 05	04 13	06 06	25 04	12 06	10 04	10 09	11 09	14 07	08 07	06 09	13 25	13 17	04 18	32 06
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jacobabad	...			08 10	21 12	21 08	18 09	16 06	17 02				24 03	22 08	26 04					22 02	20 13	19 14					
Jiwani	...	15 05	14 03	26 04	06 04	31 07	02 09						05 07	05 03	32 08											
Kalat	...	01 07	02 08	01 03	17 04	07 10	08 05	03 07	03 07	17 13	18 03	29 03	02 02	34 06	10 09	15 02	12 03	12 03	05 04	08 03	05 12	...	...	...	...	...
Kalat	...	23 11	33 08	32 13	30 28	31 21	07 10	...	...	09 03	09 08	08 05	36 04	36 08	02 15	07 01	06 03	04 03	11 02	...	...	...	...	...	...	...
Khanpur	...	21 10	19 06	15 02	...	...	...	...	...	21 08	17 06	05 09	33 10	02 09	07 19	14 06	15 08	16 03	31 04	34 05	31 08	32 11	24 15	34 13	36 10	...
Karachi	...	25 14	26 15	...	...	...	...	...	...	16 06	16 08	12 09	...	...	...	15 05	16 07	...	...	...	...	...	...	...	...	...
Khanpur	...	18 06	18 08	19 09	21 04	32 08	03 09	04 10	22 04	18 14	27 15	27 13	27 11	09 06	09 09	10 12	25 07	27 08	30 09	01 14	...	...	...	...	...	...
Lahore	...	18 03	28 03	27 05	26 08	28 11	24 07			19 21	23 22	23 21	17 01	05 08	04 13											
Multan	...	20 06	17 07	17 08	18 04	10 03	35 13	36 05	05 04	36 03	17 06	24 03	31 04	35 08												
Muscat	...	...	...	...	...	...	...	...	...	21 21	22 17	19 12	18 04	...	...	15 06	14 08	14 04	36 05	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21 05	17 09	16 12	15 13	16 10	20 04	01 08	02 03	03 06	...	...
Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shahjahanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	...	...	...	...	20 08	18 02	06 06	05 05	01 05	...	...	...	...	13 03	35 10	...	...	...	31 0	27 04	02 05	34 08	33 10	03 06	36 03	...
Veraval	...	30 14	30 06	31 03	06 05	06 10	04 06	08 18	06 11	07 05	02 03	05 05	07 06	10 05	11 07	11 10	01 01	33 01	10 01	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	...																	
Dacca	...																	
Karachi	...	12 07	07 03	05 06	08 05	05 05	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	26 13	26 15	28 12	36 09	09 09	10 14	08 23	07 19	01 17	04 10	29 07	02 06	04 13	05 11	06 15	07 17	...
Quetta	...																	

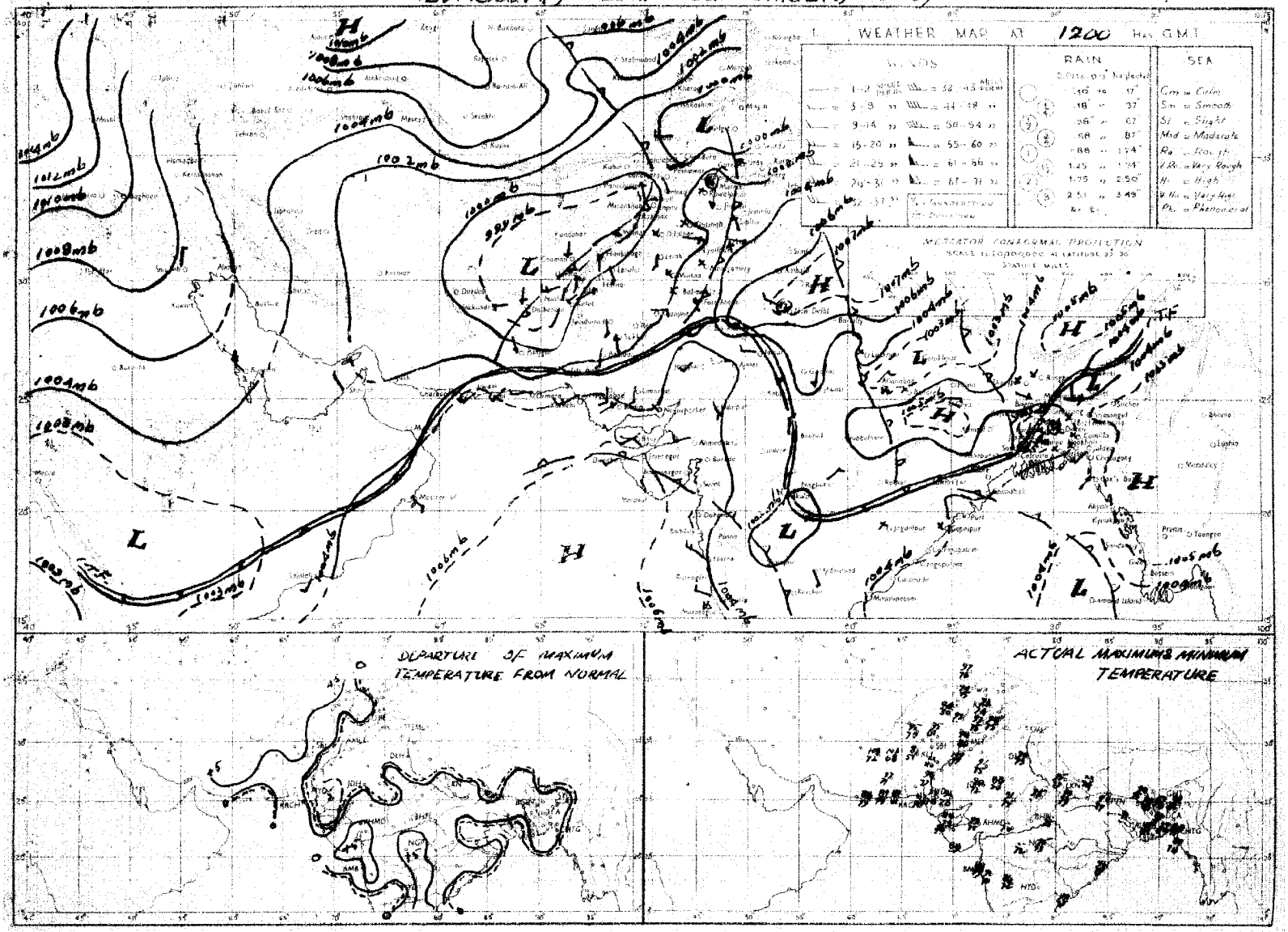
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_sV_r etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

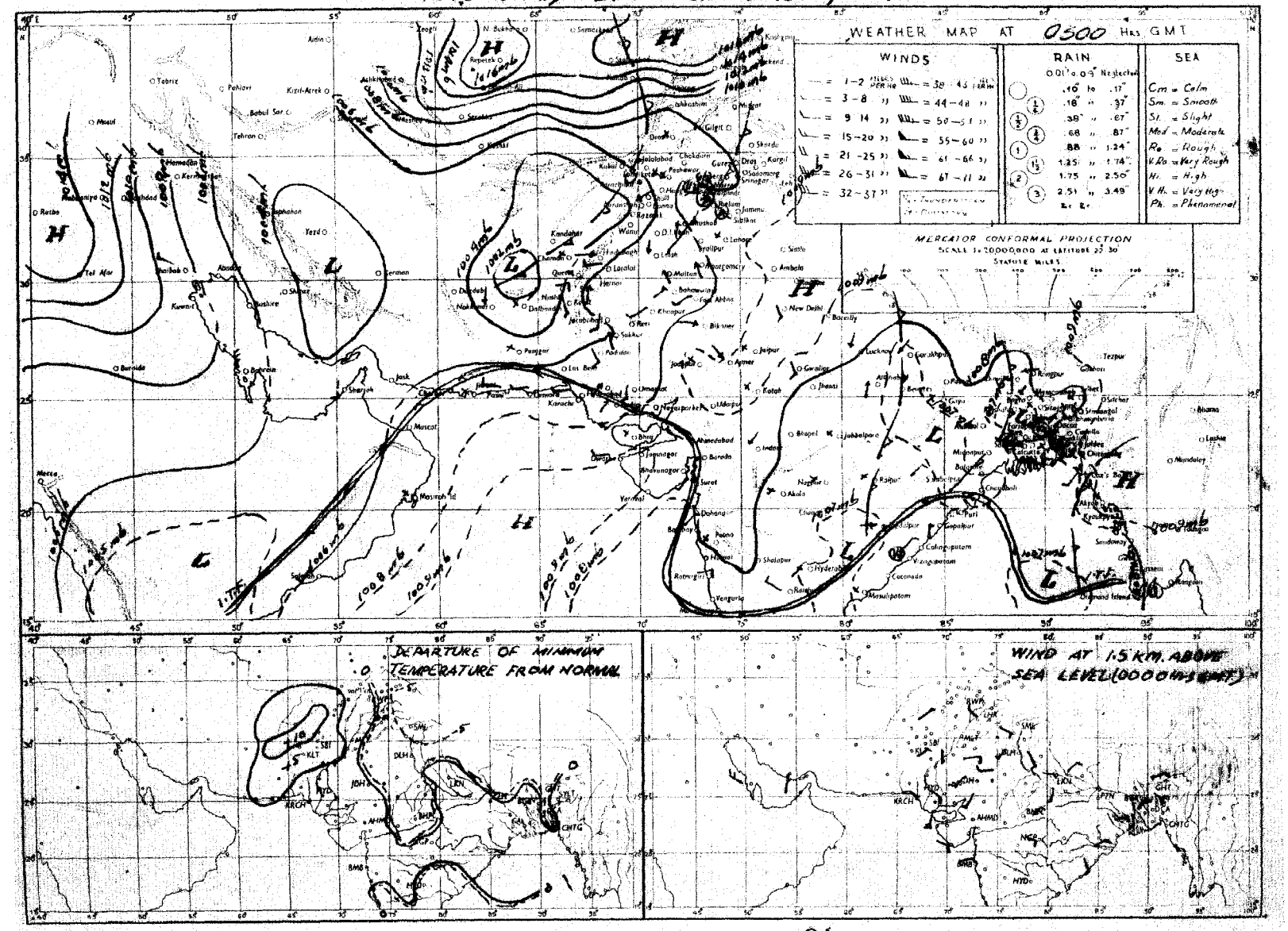
WEDNESDAY, 23rd SEPTEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 9 hours

PAKISTAN DAILY WEATHER MAP

THURSDAY, 24th SEPTEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

FRIDAY THE 25th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's westerly low pressure wave is now moving across Peshawar division. It has caused local thunderstorm/showers in Peshawar and D.I. Khan divisions and scattered in Multan, Bahawalpur and Quetta divisions.

The easterly low pressure wave in north Andaman Sea and adjoining east central Bay of Bengal has become unimportant.

Scattered rain/thundershowers have occurred in Chittagong division.

Last evenings trough of low off Konkan Kanara coast persists.

Chief amounts of rainfall are:- Bannu 1", Landikotal 3/4", Maijdee Court, Leiah and Peshawar ½" each and Parachinar 1/4".

Day temperatures were:- 3—6°F above normal in Dacca, Rajshahi, north Kalat and Quetta divisions and were 3—6°F below normal in D. I. Khan, Peshawar, Rawalpindi, Lahore and Hyderabad divisions.

Forecast valid until the evening of 26th September, 1959. Scattered Rain/thundershowers will occur in East Pakistan, Peshawar, Rawalpindi, Lahore, D. I. Khan divisions and Kashmir.

Karachi-11
The 25th September, 1959.

OBSERVATIONS

K. U. SIDDIQI.
for Director, Meteorological Service.

At 1200 Hrs. G.M.T. of Previous day

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	005	7	6	20	03	95	02	9	048	83	4	9	6	6	2	77	87
	Chittagong	003	9	4	25	0.	96	01	6	047	81	3	2	7	2	0	77	85
	Maijdee Court	000	9	4	18	02	97	03	-	043	85	1	1	9	1	0	77	88
	Comilla	003	0	3	00	00	95	03	0	049	15	3	4	7	0	0	77	89
	Brahmanbaria	000	0	6	00	00	97	03	1	047	88	4	0	9	2	4	xx	xx
	Sylhet	000	0	2	27	02	97	01	2	033	84	1	2	6	6	0	79	90
	Srimangal	00	0	2	00	00	98	01	1	040	84	2	4	5	0	0	79	91
Dacca	Mymensingh	000	0	4	00	00	98	02	1	040	90	4	2	5	0	0	77	92
	Narayanganj	000	9	7	00	00	96	03	1	032	85	2	5	5	3	3	78	91
	Dacca (Tezgaon)	000	9	6	23	02	97	01	2	032	84	2	3	4	0	4	80	89
	Faridpur	000	8	4	00	00	96	02	1	032	88	4	4	8	0	0	80	xx
	Barisal	000	0	4	13	01	97	03	2	045	85	4	6	4	0	8	81	89
Rajshahi	Khulna	000	0	6	00	00	96	01	2	043	84	6	5	7	0	0	80	90
	Satkhira	000	0	4	00	00	95	01	2	043	82	4	3	8	0	0	75	90
	Jessore	001	7	6	18	02	96	02	6	051	84	4	4	5	6	0	80	9
	Sirajganj	000	0	2	00	00	95	02	1	020	85	1	1	4	0	0	76	93
	Bogra	000	0	2	31	03	96	01	2	0 4	88	2	2	6	0	0	77	92
	Dinajpur	000	0	0	00	00	96	02	2	036	93	0	0	9	0	0	83	93
	Rangpur	000	0	1	00	00	96	01	0	xxx	90	1	1	6	0	0	79	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	6	1	00	00	96	01	5	041	89	1	1	8	3	0	75	01
	Sialkot	000	0	1	00	00	98	01	0	059	89	1	2	6	x	x	76	90
Rawalpindi	Jhelum	000	0	2	00	00	97	02	0	041	86	1	1	7	1	9	81	91
	Rawalpindi	000	0	7	27	02	98	02	2	054	82	4	3	6	9	0	69	89
	Khushab	000	0	4	09	04	99	03	1	045	86	4	3	6	0	0	75	93
Multan	Lyallpur	000	0	0	05	02	96	00	0	035	90	0	0	9	0	0	73	91
	Montgomery	000	0	0	23	02	96	00	0	036	93	0	0	9	0	0	73	96
	Multan	015	2	1	05	02	95	03	9	035	86	3	5	6	3	2	77	99
Bahawalpur	Leiah	000	0	8	08	00	96	17	2	017	91	7	8	7	6	0	79	09
	Khanpur	000	0	0	07	02	95	03	0	026	98	0	0	9	0	0	79	01
	Bahawalpur	000	0	3	18	02	97	00	0	034	96	0	0	8	2	0	76	99
	Fort Abbas	000	0	3	15	05	98	01	1	031	96	0	3	8	0	0	69	00
Peshawar	Chakdara	000	0	3	00	00	97	01	1	008	70	0	0	9	0	0	70	86
	Peshawar	000	2	8	18	25	94	98	9	058	79	8	3	4	2	x	67	89
	Haripur																	
	Campbellpur	000	0	8	23	05	97	17	1	007	84	8	3	7	0	0	71	92
D. I. Khan	Bannu	109	2	8	00	00	95	02	6	064	xx	8	3	6	x	4	72	xx
	D. I. Khan	000	6	6	00	00	98	03	0	022	95	0	0	9	6	9	82	98
Quetta	Sibi	000	2	6	09	02	97	03	1	025	93	6	7	5	0	0	69	04
Kalat	Nokkundi	000	0	0	31	02	94	05	0	996	00	0	0	9	0	0	34	05
	Turbat	000	0	6	13	02	96	00	0	035	00	0	0	9	6	0	29	00
	Jiwani	000	0	4	18	05	97	03	1	050	86	4	6	4	0	0	74	89
	Pasni	000	0	0	23	14	97	00	0	037	87	0	0	9	0	0	78	91
	Ormara	000	0	0	23	07	98	00	0	042	88	0	0	9	0	0	78	91
	Las Bela																	
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	3	25	12	98	02	1	350	86	0	0	9	4	0	79	88
	Karachi (Air Port)	000	0	4	23	10	97	03	1	052	85	0	4	6	0	0	76	89
	Badin	000	0	0	23	02	97	00	0	057	89	0	0	9	0	0	71	90
	Nagarparker	000	0	0	00	00	98	00	0	041	93	0	0	9	0	0	76	94
	Umarkot	000	0	2	18	07	98	01	0	041	90	2	1	6	0	0	71	92
	Hyderabad	000	0	2	18	05	97	01	0	042	89	1	8	6	0	1	74	94
Khairpur	Pad-i-dan	000	0	2	13	07	97	03	0	030	97	2	2	6	0	0	66	99
	Nawabshah	000	0	3	18	05	96	01	1	043	94	3	1	6	0	-	72	96
	Sukkur	000	4	3	25	02	96	03	1	025	97	3	0	9	6	0	75	00
	Kashmore	000	0	3	xx	xx	99	00	0	011	96	3	1	7	0	0	69	97
	Jacobabad	000	0	4	13	07	97	03	0	023	97	2	3	7	3	2	72	00
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	6	8	27	02	97	03	4	486	65	8	9	3	x	4	62	66
Peshawar	Dresh	000	6	8	23	07	96	03	9	461	80	4	5	6	2	x	53	92
	Cherat	000	0	7	18	01	96	95	9	479	70	7	6	0	0	0	67	81
	Kakul	000	8	7	13	05	97	95	2	474	76	7	9	6	0	3	70	82
	Landi Kotal	000	0	7	05	03	98	03	1	474	74	4	4	9	3	6	71	83
	Parachinar	035	1	x	31	02	99	60	6	799	73	x	0	9	x	4	61	xx
D.I. Khan	Miranshah	000	0	8	05	09	97	02	0	475	88	8	3	7	0	0	82	91
	Wana																	
Quetta	Fort Sandeman	010	4	4	23	03	98	01	6	487	81	4	0	9	7	0	69	84
	Hindubagh	000	0	2	07	05	94	00	0	423	80	0	0	9	0	0	51	80
	Loralai	003	0	5	09	05	95	03	2	415	79	3	3	5	2	0	57	85
	Harnai	000	4	9	09	02	98	03	6	xxx	xx	0	8	9	0	0	xx	xx
	Quetta	000	0	4	00	00	94	02	8	454	88	4	9	5	0	0	61	89
	Chaman	003	0	0	27	02	97	00	8	455	95	0	0	9	0	0	30	96
Kalat	Kalat	000	0	6	09	05	97	03	2	425	79	6	4	7	0	0	51	85
	Nushki	000	0	8	31	05	98	02	8	526	97	0	8	9	0	0	57	01
	Dalbandin	000	0	0	13	02	97	02	0	464	00	0	8	9	0	0	31	02
	Panjgur	000	0	4	00	00	98	03	1	474	91	8	0	9	4	0	56	93
Afghanistan	Kabul	000	0	0	09	00	99	00	0	495	83	0	0	9	0	0	61	88
	Kandahar																	

At 0300 Hrs. G.M.T. of date

STATIONS	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	002	0	4	16	02	97	01	1	072	87	3	3	7	5	4	77	76
Chittagong	003	0	4	07	02	96	02	1	080	84	4	4	6	0	0	78	75
Maijdee Court	065	9	5	00	00	97	03	0	079	84	3	1	6	2	0	78	79
Comilla	000	0	0	00	00	97	00	0	077	85	0	0	9	0	0	79	80
Brahmanbaria	000	1	6	00	00	96	17	0	079	79	6	3	5	0	0	75	77
Sylhet	004	1	4	00	00	96	21	6	079	82	3	4	5	3	0	79	77
Srimangal	016	3	5	00	00	96	01	8	083	76	4	3	5	0	1	74	76
Mymensingh	000	0	4	00	00	98	02	1	082	87	4	2	5	0	0	77	80
Narayanganj	000	9	3	02	02	97	03	1	077	86	3	4	6	0	0	77	79
Dacca (Tezgaon)	000	9	7	00	00	97	03	1	072	84	5	1	5	0	1	81	79
Faridpur	000	9	5	00	00	97	03	0	064	85	5	5	7	0	0	78	78
Barisal	000	0	6	13	01	97	03	2	077	84	4	7	7	6	0	78	79
Khulna	000	0	6	00	00	97	01	2	077	86	7	4	7	0	0	79	78
Satkhira	000	0	6	00	0.	96	03	2	072	87	6	6	9	0	0	79	79
Jessore	001	4	5	05	12	97	01	4	077	84	5	8	6	0	0	81	78
Sirajganj	00	0	4	00	0	97	03	1	064	87	2	1	5	0	0	80	80
Bogra	000	0	3	23	02	97	03	0	070	87	3	1	5	0	0	79	75
Dinajpur	00	0	4	00	00	96	02	2	080	80	4	0	9	2	0	78	80
Rangpur	000	0	1	09	02	96	02	0	xxx	86	1	1	6	0	0	77	80
Jammu																	
Lahore (Jail Rd.)	0.0	0	1	00	00	96	02	0	067	83	1	0	9	3	0	73	77
Sialkot	0 9	0	1	0	00	97	01	0	66	83	1	0	9	3	0	75	77
Jhelum	000	0	2	05	02	97	02	0	066	79	1	1	7	3	0	73	75
Rawalpindi	030	0	6	00	00	98	03	2	061	75	5	0	9	7	9	71	72
Khushab	030	0	0	00	00	97	03	0	068	77	0	0	9	0	0	74	73
Lyallpur	000	0	6	00	00	96	02	0	066	78	6	2	8	0	0	74	77
Montgomery	003	0	0	00	00	96	00	0	065	85	0	0	9	0	0	75	78
Multan	015	0	4	00	00	96	01	1	069	81	7	5	6	6	0	76	78
Leiah	041	0	6	00	00	95	01	2	060	79	6	4	8	0	0	77	75
Khanpur	000	0	0	20	05	95	03	0	067	85	0	0	9	0	0	77	79
Bahawalpur	000	0	0	00	8	97	00	0	065	82	0	0	9	0	0	76	79
Fort Abbas	000	0	0	25	04	98	00	0	057	85	0	0	9	0	-	70	xx
Chakdara	008	0	5	02	00	98	03	1	039	75	0	0	8	6	x	71	76
Peshawar	040	9	7	00	00	96	05	9	057	86	7	4	9	5	4	xx	73
Haripur	000	4	5	23	02	97	03	2	051	77	5	0	9	7	0	70	73
Campbellpur	000	0	4	09	00	98	03	0	090	76	2	1	9	0	2	71	73
Bannu	114	0	6	00	00	98	02	2	053	75	6	5	6	0	0	73	70
D. I. Khan	000	2	6	00	00	98	02	1	057	78	0	0	9	6	0	74	75
Sibi	000	0	0	03	00	9	00	0	069	83	0	0	9	0	0	71	82
Nokkundi	000	0	1	27	02	98	00	0	055	83	0	0	9	0	0	43	77
Turbat	000	0	9	27	02	95	03	2	070	83	0	0	9	9	0	5	xx
Jiwani	003	0	4	00	00	96	01	0	081	81	2	6	4	3	0	75	77
Pasni	000	0	2	27	03	97	00	0	078	82	2	0	9	2	0	76	79
Ormara	000	0	6	27	03	98	02	1	072	82	6	2	5	0	0	76	10
Las Bela																	
Karachi (Manora)	000	0	4	25	10	97	02	1	075	81	4	6	4	0	0	77	78
Karachi (Air Port)	000	0	7	27	09	96	03	2	073	81	5	5	6	3	0	75	77
Badin	000	0	0	23	02	96	0	0	072	79	0	0	9	0	0	76	77
Nagarparker	000	0	0	00	00	98	00	0	975	78	0	0	9	0	0	72	75
Umarkot	000	0	0	18	03	98	00	0	067	77	0	0	9	0	0	75	73
Hyderabad	000	0	0	23	03	97	02	0	067	80	0	0	9	0	0	73	78
Pad-i-dan	000	0	1	13	05	98	01	0	061	83	1	0	9	1	0	74	78
Nawabshah	000	0	0	18	07	97	01	0	068	80	0	.	9	0	0	76	78
Sukkur	000	9	2	20	02	96	01	1	058	84	0	0	9	0	4	76	83
Kashmore	000	0	3	xx	xx	99	00	-	063	85	3	0	7	0	0	76	79
Jacobabad	000	0	0	13	03	97	01	0	058	85	0	0	9	0	0	70	81
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	000	2	6	13	02	96	02	4	495	62	6	5	2	0	0	60	58
Dresh	000	9	6	00	00	97	01	2	483	67	2	5	6	3	0	58	65
Cherat																	
Kakul	000	9	7	23	02	97	01	9	488	69	7	4	6	0	0	66	66
Landi Kotal	088	1	8	00	00	98	20	2	473	71	8	5	7	0	0	65	xx
Parachinar	025	0	3	00	00	99	00	0	796	63	0	0	9	1	0	57	xx
Miranshah	000	0	4	00	00	99	02	0	468	72	0	0	8	4	0	69	64
Wana	000	0	0	00	00	98	00	0	462	70	0	0	9	0	0	57	63
Fort Sandeman	010	0	1	29	03	98	01	0	486	71	1	0	9	8	0	58	67
Hindubagh	000	0	0	27	01	98	00	0	433	65	0	0	9	0	0	50	64
Loralai	000	0	0	00	00	98	00	0	392	65	0	0	9	0	0	59	60
Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	000	0	0	00	00	94	00	0	476	69	0	0	9	0	0	63	60
Chaman	000	0	0	00	00	97	00	0	475	75	0	0	9	0	0	41	70
Kalat	000	0	0	18	02	97	02	0	502	67	0	4	9	0	0	54	55
Nushki	000	0	0	00	00	98	02	0	531	81	0	0	9	0	0	49	73
Dalbandin	000	5	2	00	00	96	03	0	473	73	2	0	9	3	0	29	69
Panjgur	028	0	0	00	00	98	00	0	482	72	0	0	9	0	0	67	71
Kabul	000	0	0	18	02	99	00	0	528	63	0	0	9	0	0	70	86
Kandahar																	

Departure from Normal of / Rainfall

STATIONS	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	0	0	115.5	+ 8.2	131.3	143
Chittagong	— 2	— 1	93.3	+17.6	125.3	108
Maijdee Court	— 1	+ 1	102.3	+19.6	134.1	115
Comilla	+ 1	+ 3	62.7	+ 1.0	88.7	94
Brahmanbaria	—	—	44.9	— 1.8	60.9	76
Sylhet	—	—	137.1	—	175.1	—
Srimangal	+ 2	+ 1	64.8	+ 7.6	76.9	98
Mymensingh	+ 5	+ 3	69.7	+ 8.4	91.8	91
Narayanganj	+ 2	0	58.1	+10.9	79.4	74
Dacca (Tezgaon)	—	—	61.6		76.9	—
Faridpur	×	0	60.1	+14.3	88.4	71
Barisal	+ 2	+ 1	96.3	+41.1	111.1	81
Khulna	+ 2	+ 1	65.8	+18.4	86.7	69
Satkhira	+ 1	+ 2	45.9	+ 1.1	64.0	65
Jessore	—	—	45.9	+ 3.1	96.1	65
Sirajganj	+ 6	+ 2	59.5	+15.8	84.3	64
Bogra	+ 4	+ 1	59.4	+11.0	78.5	69
Dinajpur	+ 5	+ 3	32.2	—16.3	49.5	73
Rangpur	—	—	49.3	—10.4	69.2	84
Jammu						—
Lahore (Jail Rd.)	+ 3	— 1	21.7	+ 7.3	25.4	19
Sialkot	— 5	+ 5	49.6	+26.3	541.0	42
Jhelum	—	—	36.4	—	46.7	—
Rawalpindi	— 4	+ 5	35.9	+12.7	49.0	36
Khushab	— 6	— 1	14.4	+ 4.3	19.9	15
Lyallpur	— 7	+ 5	14.0	+ 4.9	16.8	12
Montgomery	— 3	+ 4	6.1	— 1.3	8.4	10
Multan	+ 1	+ 3	5.0	+ 1.1	8.0	7
Leiah	—	—	5.0	—	6.9	8
Khanpur	0	5	0.5	— 4.4	1.3	6
Bahawalpur	0	+ 7	5.4	+ 1.2	6.4	6
Fort Abbas	—	—	8.1	—	8.4	4
Chakdara	—	—	9.9	—	25.5	—
Peshawar	— 5	+ 4	8.4	+ 4.1	22.3	14
Haripur	—	—	19.6	—	30.5	—
Campbellpur	—	—	21.6	—	35.5	—
Bannu	—	—	12.1	—	19.1	11
D. I. Khan	— 1	+ 2	10.2	+ 4.8	13.9	10
Sibi	—	—	3.4	—	4.1	5
Nokkundi	—	—	0	—	1.1	2
Turbat	—	—	2.9	—	7.3	—
Jiwani	—	—	0.3	—	5.9	4
Pasni	+ 1	+ 7	0.6	— 0.3	3.2	6
Ormara	—	—	1.7	+ 0.9	4.2	6
Las Bela						8
Karachi (Manora)	+ 3	+ 2	16.5	+10.5	14.5	8
Karachi (Air Port)	—	—	22.6	—	22.9	—
Badin	— 5	+ 2	11.2	+ 4.0	11.3	9
Nagarparker	—	—	38.0	—	38.0	—
Umarkot	—	—	18.8	—	19.5	—
Hyderabad	— 4	+ 3	14.6	+ 8.7	15.4	7
Pad-i-dan	—	—	7.3	—	7.5	—
Nawabshah	—	—	6.4	—	7.1	—
Sukkur	—	—	3.5	—	4.6	4
Kashmore	—	—	2.0	—	2.1	—
Jacobabad	— 2	+ 6	3.8	+ 1.5	4.5	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
HILL STATIONS						
Srinagar						26
Gulmarg						
Sonamarg						71
Dras						26
Leh						3
Skardu						6
Misgar						—
Aliabad						—
Gilgit						5
Murree	— 4	+ 4	49.8	+14.8	75.1	59
Dresh	—	—	1.3	—	30.4	18
Cherat	— 3					29
Kakul	—	—	48.2	—	52.9	—
Landi Kotal	—	—	3.3	—	26.4	—
Parachinar	—	—	13.9	—	27.7	29
Miranshah	—	—	2.7	— 2.0	5.7	13
Wana	—	—	5.1	—	14.1	—
Fort Sandeman	— 8	+ 4	7.2	+ 2.2	15.9	11
Hindubagh	—	—	4.6	—	12.6	—
Loralai	—	—	7.1	.	13.0	—
Harnai	—	—	8.4	+ 1.1	12.7	14
Quetta	—	—	4.7	+ 3.7	10.2	8
Chaman	+ 7	+ 9	0.1	0	6.2	7
Kalat	+ 4	+ 9	6.3	+ 5.1	11.0	9
Nushki	—	—	1.1	—	2.9	—
Dalbandin	+ 4	+ 11	0.2	— 0.1	2.2	5
Panjgur	— 1	+ 8	2.5	—	4.1	4
Kabul	—	—	—	—	—	12
Kandahar						—

† Given In Code.
• These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
* These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitte.
RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M.T. of the same day
Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 25th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_hL_mL_l$	$L_oL_aL_o$ GG	N dd ff	VV ... W	PPP TT	$N_hC_hhC_mC_H$	D,V, a PP	8 N, Ch, h,	O T, T, T_d T_d	Id.d.PH.
	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Karanja	53 205	653 12	1 00 00	99 02 0	064 82	11 4 00	85 61 0	...	0 04 73	1 00 x0
Iphigenia	53 193	584 12	5 15 03	98 02 2	064 79	52 4 0x	85 70 9	...	0 04 73	1 15 x0
Erati	53 229	596 12	9 13 16	98 02 0	020 84	00 9 00	35 70 7	...	0 06 77	1 13 31
Isocardia	53 167	549 15	8 21 05	96 02 2	112 75	85 x xx	76 29 7	...	0 00 73	1 21 x0
Karanja	53 218	658 18	0 00 00	97 05 0	086 81	00 9 00	85 10 2	...	0 00 73	1 00 x0
Iphigenia	53 257	593 18	1 17 08	98 13 0	080 81	16 3 00	15 10 3	...	0 04 72	1 17 22
Erati	53 218	597 18	3 14 08	98 03 0	045 81	31 5 00	55 11 0	...	0 54 73	1 14 32
Isocardia	53 171	558 18	0 29 10	97 02 0	120 75	00 9 00	16 20 8	...	0 51 73	1 20 x0

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTcTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT TdTcTd								HHHTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	261 238 048	000 025 108	...	425 168 132	...	091 075 508	349 012 555	801 552 999	516 672 999	962 819	237 010	419 125	...
Jiwani ...														
Karachi ...	00 00	004 262 235	058 242 225	...	470 215 158	...	153 148 018	436 068 582	899 528 705	648 595 999	981 728	269 895	459 098	...
Lahore ...	00 00		Missda											
Multan ...				...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	00 00	964 240 240	000 00x xxx	...	450 215 132	...	124 134 072	402 052 525	862 535 999	597 625 999	975 722	258 955	445 088	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT TdTcTd								Max. Height Reached PPPTTT TdTcTc	TROPOPAUSE St. HHHH TT	TROPOPAUSE Sl.HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 202 168	800 128 102	580 002 565	568 512 999	...	...	...	...	...	568 512 999	...	...
Jiwani ...													
Karachi ...	00 00	900 232 172	800 182 138	532 518 645	..	...	...	...	...	...	532 518 645	...	...
Lahore ...	00 00	...	Missda	..	...	...	...	...	...	...		...	...
Multan ...													
Peshawar ...	00 00	900 238 165	800 192 105	350 678 999	..	...	...	...	...	...	350 678 999	...	...
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures(in tenths of oC.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential m
TT—Dry bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff)										At 0000 hrs. G.M.T † of date (dd ff)						At 600 hrs. G.M.T. † of date (dd ff)									
	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0		0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...																											
Chaklala ...	No	Ascent	...	...	...	...	...	...	...		No	Ascent	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...
Chhor ...	20 12	20 12	20 11	22 07	25 05	25 05	...	...	...		23 13	23 12	20 12	20 12	17 11	07 11	20 12	22 13	21 14	...	...	...	...	...	...	...	...
Chittagong ...	06 01	24 02	18 04	17 06	15 06	05 06	05 07	16 04	27 04		...	...	...	...	...	...	09 02	11 04	11 04	11 06	08 06	10 03	08 04	10 06	09 07	...	...
Cox's Bazar ...	17 07	17 05	16 07	16 08	15 03	09 03	03 03	...	...		15 03	15 02	13 03	18 03	11 07	07 05	03 01	10 02	14 05	13 07	11 07	0 02	12 03	...	...	...	...
Dacca ...	13 01	03 02	02 03	02 05	04 03	06 10	08 13	09 18	07 12		21 04	18 01	10 03	07 06	06 06	08 06	10 04	09 05	10 07	09 09	08 09	07 10	07 10	08 15	06 14	10 12	11 13
Dalbandin ...	...	...	04 01	33 03	04 05	03 06	02 09	04 10	11 02		...	...	16 06	04 04	32 04	34 03	...	...	09 07	22 07	23 11	30 14	31 13	16 04	15 09	07 10	03 18
D. I. Khan ...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	25 04	19 01	18 03	...	...		...	...	...	...	25 01	23 01	...	...	...	23 02	20 10	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	...	...	...	...	...	...		...	...	...	...	24 04	25 03	...	...	...	23 03	20 04	34 04	6 10	35 18	...	34 12	22 02
Jacobabad ...	15 06	15 06	16 05	24 11	33 06	33 05	34 1	01 15	01 15		...	...	...	...	25 05	32 13	...	...	...	23 03	20 04	34 04	6 10	35 18	...	34 12	22 02
Jessore ...	06 02	03 03	01 04	05 03	34 07	01 11	02 09	06 07	01 04		19 14	20 05	25 03	18 04	08 07	02 09	19 04	16 02	13 03	06 04	01 08	06 10	06 08	27 04	...	20 04	17 03
Jhelum ...	19 03	18 04	17 05	09 04	01 08	14 05	11 12	12 17	14 27		36 01	04 03	08 04	...	...	...	31 06	10 03	02 01	...	...	...	...	...	...	...	...
Jiwani ...	20 08	10 05	10 10	...	...	...	...	...	...		30 03	30 07	23 03	29 02	22 02	09 01	21 01	20 02	20 03	32 03	15 12	...	...	...	...	...	...
Karachi ...	22 11	25 10	2.. 07	07 07	08 13	03 12	05 18	07 21	07 20		21 04	22 03	29 03	29 02	...	...	24 06	24 03	..	...	...	...	...	...	...	...	...
Khanpur ...	21 04	12 06	18 04	19 04	20 03	...	...	...	...		28 15	28 11	29 12	...	...	...	27 10	27 13	...	...	...	...	...	...	...	...	...
Lahore ...	12 01	14 01	14 03	14 03	05 03	07 07	10 08	13 23	14 20		23 19	25 15	26 12	17 02	14 07	21 06	23 02	...	...	...	...	...	...	...	...	...	...
Multan ...	24 15	23 18	21 11	19 08	24 05	...	...	...	...		17 03	19 04	20 04	02 04	34 03	33 03	02 03	26 02	30 04	30 04	29 04	23 05	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...		09 08	10 04	18 05	24 13	25 11	26 07	12 03	22 04	22 07	21 10	21 17	22 15	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	07 07	10 15	16 10	19 13	18 09	...	...	...		...	10 01	14 01	26 03	20 01	04 03	...	...	...	...	...	...	...	...	...	...	...
Shrjah ...	...	...	...	...	29 04	02 03	02 02	34 05	36 09		...	...	...	...	18 05	31 19	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	29 06	33 04	03 03	10 07	08 07	07 10	07 08	07 06	09 12		08 02	05 02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
																	09 05	09 05	10 06	10 12	09 12	08 04	12 04	02 08	04 09	10 09	10 07

* The actual time of observations may vary within half an hour of the specified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	20 07	13 05	07 07	08 05	04 11	09 06	07 10	08 15	09 22	09 23	05 07	35 07	29 17	03 23	...	...	...	...
Karachi ...	28 19	27 21	29 19	29 20	29 16	27 16	27 15	25 15	26 10	26 11	20 09	29 08	27 12	28 17	...	...	...	...
Peshawar ...	...	08 04	08 05	08 05	08 05	08 02	10 01	11 02	10 05	12 08	18 14	22 17	26 20	25 17	...	...	...	...
Quetta ...																		

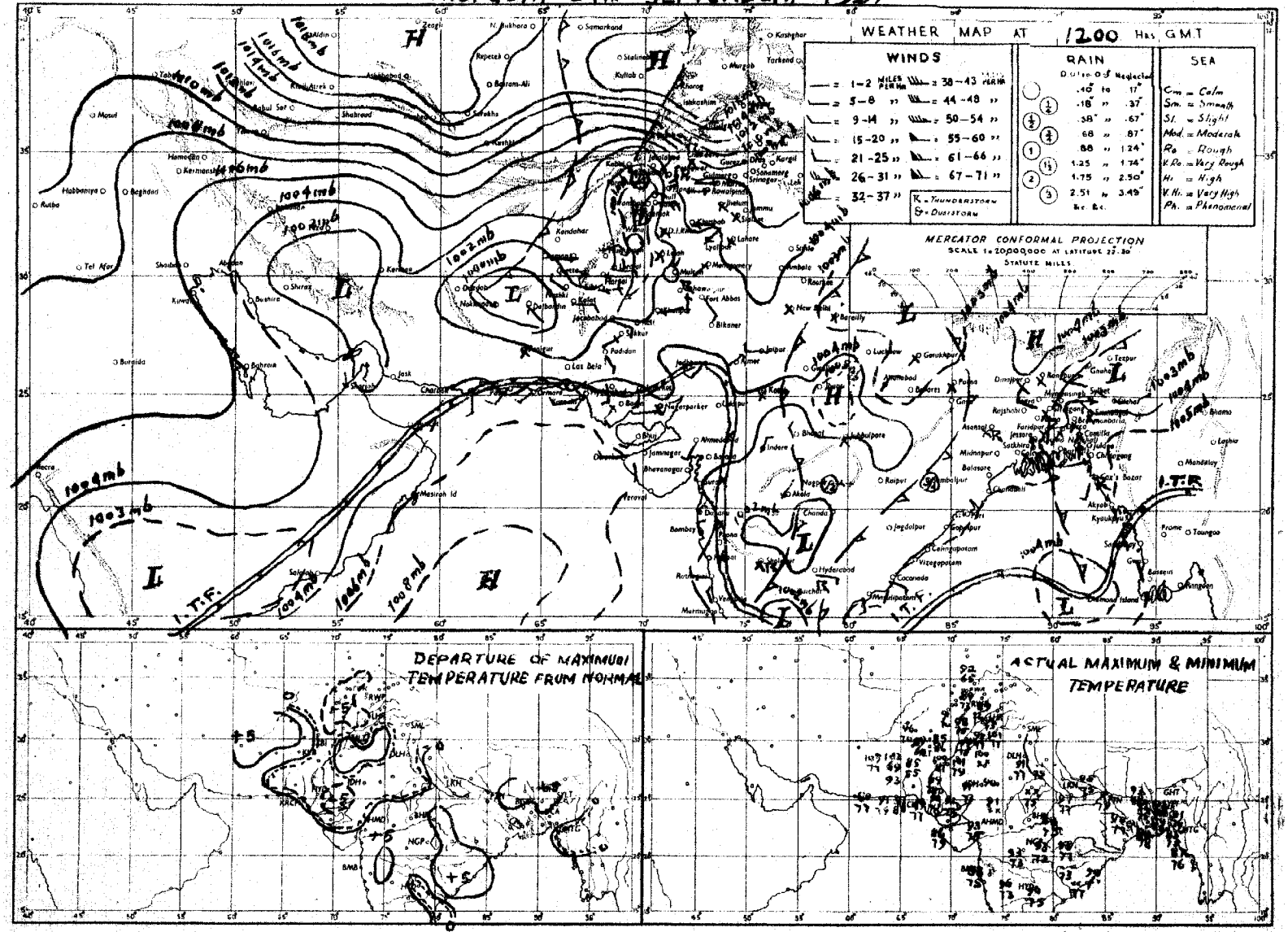
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii 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 SEPTEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 9 hours.

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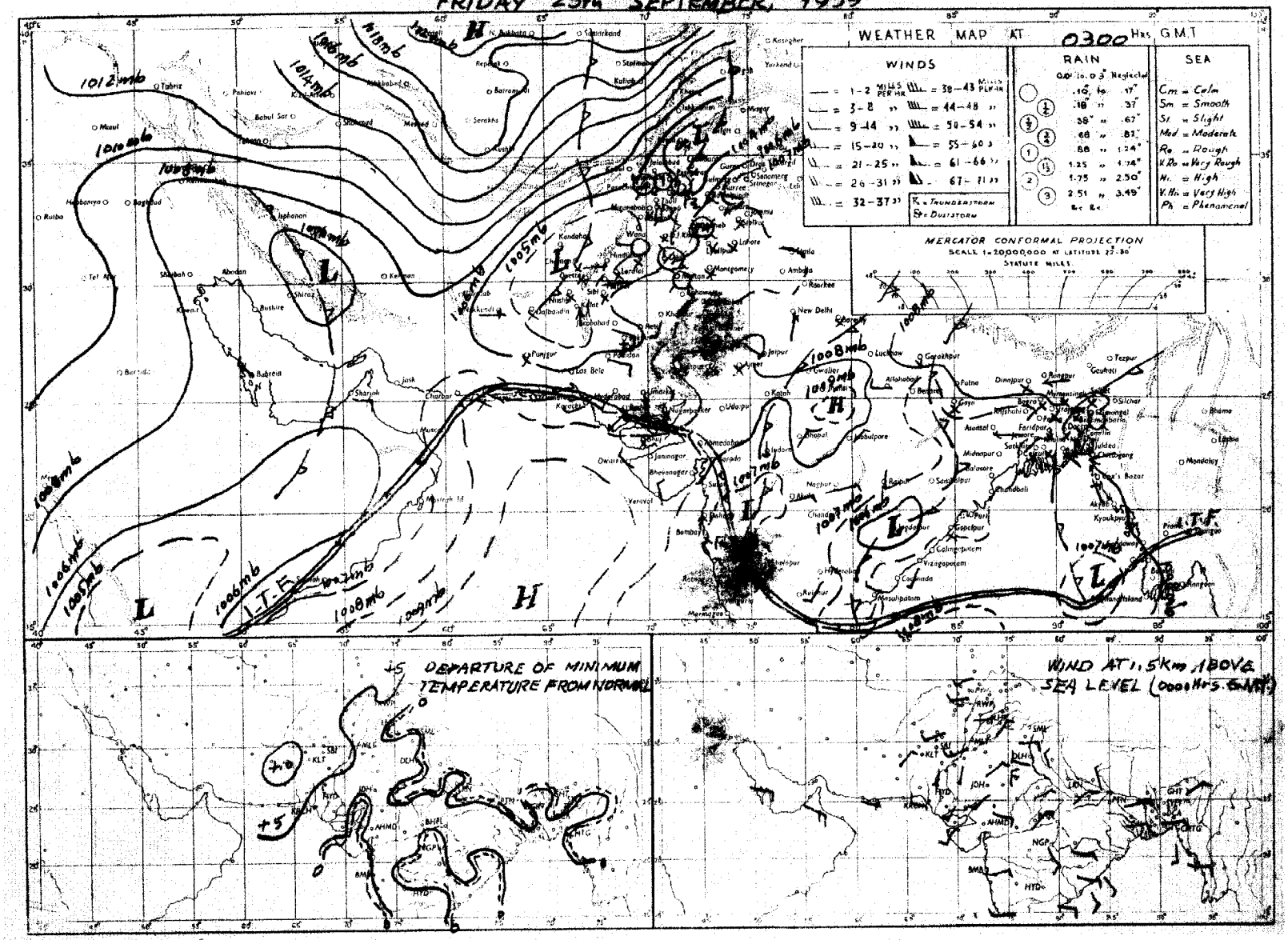
PAKISTAN DAILY WEATHER MAP

FRIDAY 25th SEPTEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SATURDAY THE 26th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave over Peshawar division is now moving across Lahore division and Kashmir. It has caused local thunderstorm/showers in Rawalpindi division and scattered in Lahore, Multan and Peshawar divisions.

A fresh low pressure wave is moving across Afghanistan.

Yesterday's trough of low off Konkan Kanara coasts persists.

Observations from ships and Burma are absent but believe a well marked low lies in north Andaman Sea off Martaban coast. It is likely to concentrate into a depression.

Scattered rain/thundershowers have occurred in East Pakistan.

Chief amounts of rainfall are:- Dinajpur 3/4" and Lyallpur ½".

Day temperatures were:- 3—6°F below normal in Peshawar, D. I. Khan, Rawalpindi, Lahore, Multan, Khairpur and Hyderabad divisions and 3—4°F above normal in East Pakistan and the Federal Capital Area.

Forecast valid until the evening of 27th September, 1959. Local thunderstorms/showers will occur in Lahore division and scattered in Peshawar, Rawalpindi, Multan divisions, Kashmir and East Pakistan.

Karachi-11
The 26th September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

DIVISIONS	STATIONS	At 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																	Departure from Normal of		Rainfall			
		Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past weather †	Sea level pressure (mbs. and tenths)*	Dry Bulb temperature °F	Amount of Lowest Cloud	Low Cloud form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form †	Dewpoint temperature °F	Maximum temperature °F	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	Wind speed in knots	Horizontal visibility †	Present weather †	Past Weather †	Sea level Pressure (mbs. and tenths)*	Dry Bulb temperature	Amount of Lowest Cloud †	Low Cloud Form †	Height of Lowest Cloud †	Medium Cloud form †	High Cloud form†	Dewpoint temperature °F.	Minimum Temperature °F	Maximum Temperature	Minimum Temperature	Since 1st June 1959 to date	Departure from normal	Since 1st January 1959 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	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Cox's Bazar	000	6	5	25	02	96	01	9	037	85	3	8	7	6	2	76	90	000	1	4	02	03	97	01	9	064	85	1	1	7	5	2	78	77	+ 3	+ 2	115.5	+ 7.7	131.3	140
	Chittagong	000	0	3	25	02	96	01	1	037	84		2	7	2	0	76	xx	000	0	3	07	05	96	02	1	071	87	2	4	6	1	0	81	79	—	+ 3	93.3	+17.2	125.3	108
	Maijdee Court	003	9	2	00	00	98	02	9	037	87	1	1	9	0	2	77	90	000	9	3	18	02	98	03	0	070	87	2	1	9	2	0	80	79	+ 1	+ 2	102.3	+19.1	134.1	115
	Comilla	003	0	0	00	00	95	00	0	039	86	0	0	9	0	0	79	90	000	0	4	00	00	97	03	1	061	87	4	4	5	0	7	80	80	+ 2	+ 4	62.7	+ 0.6	88.7	94
	Brahmanbaria	000	0	2	00	00	97	07	1	033	85	2	5	5	0	0	81	89																							76
	Sylhet	000	0	1	27	02	96	02	0	029	84	1	1	6	7	0	80	91	000	0	4	09	05	97	02	0	075	83	4	2	3	0	0	79	77	—	—	137.1	—	175.1	—
	Srimangal	003	0	2	03	00	96	03	1	028	85	2	4	6	0	0	79	89	000	0	3	00	00	96	03	1	079	85	2	8	7	6	0	79	75	— 2	+ 1	64.8	+ 7.1	76.9	98
Dacca	Mymensingh	000	0	4	27	02	98	02	1	035	89	2	2	6	0	4	76	91	000	0	3	09	02	98	01	1	079	85	3	2	6	0	0	80	79	+ 2	+ 2	69.7	+ 8.0	91.8	91
	Narayanganj	000	9	5	09	02	96	03	1	025	86	1	4	7	0	6	77	91	000	9	6	07	07	97	03	1	073	87	6	4	5	0	0	79	81	+ 2	+ 3	58.1	+10.7	79.4	74
	Dacca (Tezgaon)	015	7	5	00	00	97	01	9	026	83	1	3	5	0	1	78	90	015	0	3	09	05	98	03	0	069	86	3	8	4		0	78	77	—	—	61.7		77.1	—
	Faridpur	000	8	3	05	02	96	01	1	019	85	3	4	8	0	0	78	xx	000	9	3	07	02	97	03	0	071	88	3	5	8	0	0	80	78	×	0	60.1	+14.1	88.4	71
	Barisal	000	0	6	03	00	97	03	2	027	88	4	0	8	3	2	80	91	000	0	4	13	01	97	03	1	067	89	4	0	8	6	0	79	80	+ 3	+ 2	96.3	+40.8	111.1	81
Rajshahi	Khulna																		000	0	2	00	00	97	01	1	071	88	2	5	7	0	0	78	79		+ 2	65.8	+18.1	86.7	68
	Satkhira	000	0	6	00	00	95	03	2	030	86	6	6	8	0	0	90	92	030	0	4	00	03	95	03	2	073	88	4	3	8	0	0	77	79	+ 3	+ 3	45.9	+ 0.8	64.0	65
	Jessore	000	0	2	05	02	97	01	1	044	87	2	4	6	0	0	89	92	000	0	4	05	02	97	01	0	069	85	4	8	6	0	0	81	79	—	—	45.9	+ 2.7	96.1	65
	Sirajganj	000	0	3	00	03	96	03	9	014	83	2	0	9	0	1	80	93	000	0	0	00	00	98	00	0	068	88	0	0	9	0	0	77	79	+ 6	+ 2	59.5	+15.5	84.3	64
	Bogra	000	0	5	00	00	96	03	2	027	87	3	2	6	0	2	79	92	030	0	2	13	02	96	03	0	071	80	2	5	6	0	0	77	79	+ 4	+ 2	59.4	+10.6	78.5	69
	Dinajpur	082	5	0	00	00	95	00	6	021	89	0	0	9	0	0	81	92	082	0	0	00	00	96	00	0	076	87	0	0	9	0	0	80	80	+ 4	+ 3	33.0	—21.8	50.3	72
	Rangpur	000	0	1	03	03	96	02	0	xxx	89	1	1	6	0	0	79	93	000	0	1	09	02	96	01	0	xxx	86	1	5	6	0	0	83	80	—	+ 4	49.3	—10.9	69.2	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	7	2	xx	xx	96	02	9	045	85	2	3	6	9	6	77	93	007	9	1	00	00	96	01	1	067	81	1	0	9	3	1	75	76	— 5	+ 8	21.7	+ 7.3	25.6	19
	Sialkot	000	0	2	00	00	97	02	0	02?	90	1	0	9	3	4	76	92	000	2	6	00	00	97	03	1	062	80	2	4	6	3	x	76	78	— 3	+ 8	49.6	+26.3	55.0	42
Rawalpindi	Jhelum	000	0	5	00	00	97	03	0	032	89	3	2	7	3	0	74	95	000	9	7	00	00	96	03	9	067	79	2	1	7	7	0	74	76	—	—	36.4	—	46.7	—
	Rawalpindi	000	0	4	00	00	99	01	1	039	82	2	1	8	0	8	79	91	000	0	4	09	02	99	03	1	056	78	3	1	8	3		73	74	— 2	+ 9	35.9	+12.7	49.0	36
	Khushab	000	0	6	23	03	95	03	5	032	84	6	2	6	0	0	75	91	000	0	2	00	00	99	02	1	066	79	0	0	9	0	4	75	75	— 8	+ 4	14.3	+ 4.3	19.9	15
Multan	Lyallpur	050	3	6	00	00	96	02	9	049	72	6	3	8	0	0	59	96	050	9	6	00	00	96	02	9	070	77	6	7	8	0	0	75	75	— 2	+ 5	14.5	+ 5.4	17.3	12
	Montgomery	000	0	6	00	00	96	03	1	043	82	3	3	7	0	0	73	96	000	0	4	00	00	96	03	1	057	78	2	2	7	0	0	74	75	— 3	+ 3	6.1	— 1.3	8.4	10
	Multan	000	0	3	00	09	97	02	0	026	95	1	1	6	3	0	77	97	000	0	2	13	03	98	01	1	054	81	0	0	9	0	2	80	80	— 1	+ 7	5.9	+ 1.1	8.0	7
Bahawalpur	Leiah	000	0	4	00	00	98	01	2	023	93	0	0	8	1	0	78	92	000	0	0	00	00	98	03	0	051	75	0	0	9	0	0	79	75	—	—	5.0	—	6.9	8
	Khanpur	000	0	0	20	03	96	03	0	016	99	0	0	9	0	0	75	00	002	0	0	25	05	96	03	0	055	84	0	0	9	0	0	77	79	— 1	+ 7	0.5	— 4.3	1.3	6
	Bahawalpur																		000	0	5	18	02	97	02	0	059	83	1	0	9	2	0	74	79		+ 9	5.4	+ 1.2	6.4	6
	Fort Abbas	000	0	6	27	03	98	00	0	038	87	0	6	8	0	0	78	99	000	0	0	20	02	98	00	0	057	82	3	0	9	0		73	76	—	—	8.1	—	6.4	4
Peshawar	Chakdara	000	0	2	23	02	98	01	1	048	86	2	1	7	0	0	72	89	000	0	4	00	00	99	03	2	089	75	0	0	8	4	0	66	69	—	—	9.9	—	25.5	—
	Peshawar	000	0	1	05	03	96	01	2	036	80	1	8	6	3	0	72	90	000	0	4	00	00	95	10	0	064	78	4	0	9	3	0	75	74	— 4	+ 7	8.4	+ 4.1	22.3	14
	Haripur	000	2	5	23	04	97	01	5	027	77	5	6	6	0	0	71	92	000	3	3	23	02	97	03	0	047	79	3	0	9	0	9	70	73	—	—	19.6	—	30.5	—
	Campbellpur	000	6	6	13	03	98	03	1	079	90	0	0	9	0	0	69	91	000	0	0	13	02	98	00	0	077	81	0	0	9	0	0	74	74	—	—	21.6	—	35.5	—
D. I. Khan	Bannu	000	0	2	00	00	99	02	1	019	87	2	1	6	0	0	70	88	000	0	0	00	00	99	00	0	051	77	0	0	9	0	0	73	74	—	—	12.1	—	19.1	11
	D. I. Khan	000	6	2	00	00	98	03	0	030	91	0	0	9	2	0	76	92	000	0	0	00	00	98	00	0	060	81	0	0	9	0	0	75	75	— 7	+ 4	10.2	+ 4.8	13.9	10
Quetta	Sibi	000	0	4	18	02	97	03	1	019	01	4	2	5	0	0	67	02	000	0	0	13	02	99	00	0	052	84	0	0	9	0	0	72	83	—	—	3.4	—	4.1	3
	Nokkundi	000	0	0	27	02	97	02	0	020	02	0	0	9	0	0	20	04	000	0	0	20	02	98	02	0	055	78	0	0	9	0	0	33	74	—	—	0	—	1.1	2
Kalat	Turbat	000	0	0	31	02	96	00	0	041	00	0	0	9	0	0	79	00	000	0	3	27	02	95	03	1	051	81	0	0	9	6	0	76	xx	—	—	2.9	—	7.3	—
	Jiwani	000	0	1	23	12	97	01	1	063	86	1	0	9	2	0	74	89	000	0	4	27	07	96	01	0	071	81	4	5	5	0	0	74	79	—	—	0.3	—	5.9	4
	Pasni	000	0	4	23	14	97	00	0	055	86	4	0	9	5	0	78	90	000	0	0	23	03	97	00	0	081	80	0	0	9	0	0	74	79	0	+ 6	0.6	— 0.3	3.2	4
	Ormara	000	0	4	27	09	96	01	1	049	88	5	2	7	0	0	78	89	000	0	6	27	09	98	02	1	068	81	6	4	5	0	0	75	79	—	—	1.7	+ 0.9	4.2	6
	Las Bela																																								8
Karachi Federal Area	Karachi (Manora)	000	0	4	25	10	98	02	1	051	87	4	6	4	0	0	79	89	000	0	7	27	10	96	02	2	073	80	9	0	9	2	0	77	77	+ 4	+ 1	16.5	+10.5	16.5	8
	Karachi (Air Port)	000	0	3	23	07	97	01	1	055	86	7	5	5	0	1	77	89	000	0	7	27	07	96	50	0	072	82	2	6	4	5	0	76	79	—	—	22.6	—	22.9	—
Hyderabad	Badin	000	0	0	23	02	97	00	0	053	88	0	0	9	0	0	81	90	000	0	0	23	02	96	00	0	079	79	0	0	9	0	0	76	77	— 5	+ 3	11.2	+ 4.0	11.2	9
	Nagarparker	000	0	0	23	02	98	00	0	045	90	0	0	9	0	0	72	91	000	0	0	27	02	98	00	0	076	79	0	0	9	0	0	71	75	—	—	38.0	—	38.0	—
	Umerkot	000	0	1	18	07	98	00	0	043	91	1	1	6	0	0	69	93	000	0	7	18	07	98	00	0	061	79	7	5	6	0	0	75	74	—	—	19.8	—	19.5	—
	Hyderabad	000	0	2	18	09	97	01	0	043	90	2	8	6	0	0	74	92	000	0	0	23	07	97	02	0	060	82	0	0	9	0	0	76	79	— 6	+ 4	14.6	+ 8.6	15.4	7
Khairpur	Pad-i-dan	000	0	1	18	07	98	01	0	033	95	1	0	9	3	0	68	98	000	0	0	13	10	97	02	0	052	80	0	0	9	0	0	76	77	—	—	7.3	—	7.5	—
	Nawabshah	000	0	2	00	00	97	01	2	044	94	2	1	6	0	1	69	95	000	0	0	13	02	96	02	0	060	81	0	0	9	0	0	76	77	—	—	6.4	—	7.1	—
	Sukkur	000	3	0	00	00	96	00	0	025	97	0	0	9	0	0	74	00	000	0	0	11	02	96	00	0	055	82	0	0	9	0	0	76	79	—	—	3.5	—	4.6	4
	Kashmore	000	0	0	18	00	99	00	0	027	76	0	0	9	0	0	67	97	000	0	0	xx	xx	99	00	0	055	83	0	0	9	0	0	75	80	—	—	2.0	—	2.1	—
	Jacobabad	000	0	0	13	05	97	02	0	032	95	0	0	9	0	0	72	98	000	0	0	18	05	97	02	0	056	82	0	0	9	0	0	78	80	— 4	+ 7	3.8	+ 1.5	4.5	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								—
Arabia	Muscat																																								4
	Kuwait																																								—
	HILL STATIONS																																								
Kashmir	Srinagar																																								26
	Gulmarg																																								—
	Sonamarg																																								71
	Dras																																								36
	Leh																																								3
	Skardu																																								6
	Misgar																																								—
	Aliabad																																								—
	Gilgit																																								5
Rawalpindi	Murree	006	3	6	00	00	97	02	9	476	64	6	3	3	0	0	60	66	006	9	7	16	02	96	02	1	494	61	5	5	2	5	0	67	56	— 4	+ 3	49.9	+14.8	75.1	59
Peshawar	Drosh	000	6	5	00	00	97	01	5	460	84	4	2	7	5	0	58	85	000	0	3	00	00	98	03	0	482	69	1	1	7	3	0	57	67	—	+ 7	1.3	—	30.4	18
	Cherat	000	0	2	18	02	98	01	0	478	78	2	2	6	0	0	73	81	000	0	1	18	01	98	01	0	492	70	0	0	9	0	9	67	65	— 3	+ 2	20.1	+ 8.3	30.1	39
	Kakul	004	5	6	05	02	98	03	9	471	74	6	3	6	0	0	63	80	004	9	1	18	02	97	01	1	486	71	1	4	6	3	0	xx	65	—	—	48.2	—	52.9	—
	Landi Kotal	000	0	2	05	03	99	03	0	468	xx	0	0	9	3	3	64	54	000	0	1	00	00	98	01	0	480	80	0	0	9	0	0	60	xx	—	—	3.3	—	26.4	—
	Parachinar	000	0	1	09	02	99	03	0	799	76	0	0	9	1	0	63	xx	000	0	0	00	00	99	00	0	800	61	0	0	9	0	0	56	xx	—	—	13.9	—	27.7	29
D.I. Khan	Miranshah	000	0	0	00	00	99	00	0	401	82	0	0	9	0	0	79	83	000	0	0	00	00	99	00	0	468	72	0	0	9	0	0	66	69	—	—	2.7	— 2.1	5.7	13
	Wana	000	0	3	09	07	99	10	1	454	78	3	0	9	4	0	57	85																							—
	Fort Sandeman	000	0	2	20	03	98	03	0	458	89	2	2	7	0	0	45	91	000	0	0	00	00	97	02	0	477	73	0	0	9	0	0	60	67	— 1	+ 6	7.2	+ 2.2	15.9	11
Quetta	Hindubagh	000	0	1	27	06	96	00	0	414	87	0	0	9	0	0	58	87	000	0	0	31	01	98	00	0	430	70	0	0	9	0	0	50	69	—	—	4.6	—	12.4	—
	Loralai	000	0	2	13	05	97	01	0	426	82	2	2	9	0	0	56	86	000	0	0	27	05	98	00	0	393	65	0	0	9	0	0	50	59	—	—	7.1		13.0	—
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 1.1	12.7	14
	Quetta	000	0	0	00	00	96	00	0	453	83	0	0	9	0	0	46	88	000	0	0	00	00	94	09	0	476	66	0	0	9	0	0	54	53	—	—	4.7	+ 3.7	10.2	8
	Chaman	000	0	0	23	02	97	00	0	461	90	0	0	9	0	0	52	92	000	0	0	18	01	97	07	0	463	70	0	0	9	0	0	44	68	+ 3	+ 9	0.1	0.0	6.2	7
Kalat	Kalat	000	0	0	31	09	98	02	0	436	78	0	0	9	0	0	45	82	000	0	0	00	00	98	02	0	491	67	0	0	9	0	0	46	52	+ 1	+ 8	6.3	+ 5.1	11.0	9
	Nushki	000	0	0	00	00	98	02	0	513	95	0	0	9	0	0	61	99	000	0	0	09	05	98	02	0	531	83	0	0	9	0	0	46	73	—	—	1.1	—	2.9	—
	Dalbandin	000	0	0	23	05	96	02	0	474	98	0	0	9	0	0	26	01	000	0	0	18	02	94	05	0	484	89	0	0	9	0	0	32	65	+ 3	+ 7	0.2	— 0.1	2.2	5
	Panjgur	000	0	0	36	02	98	00	0	482	94	0	0	9	0	0	31	95	000	0	0	00	00	98	00	0	481	74	0	0	9	0	0	67	69	+ 1	+ 8	2.5	—	4.1	4
Afghanistan	Kabul																																								12
	Kandahar																																								

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.
Whenever 990 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 26th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ... W	PPP TT	$N_hC_LhC_MhC_H$	D,V, a PP	8 N, Ch, h_s	O $T_wT_wT_dT_d$	Id,d,PH.
	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Erazi	63 206	592 00	1 00 00	98 02 0	040 77	11 5 00	55 40 8		0 53 72	1 23 43
Iphigenia	63 234	593 06	3 11 05	98 02 0	101 81	22 3 30	85 11 4		0 54 75	4 11 x0
Erazi	63 196	584 04	4 13 02	98 03 0	063 79	26 5 20	55 10 4		0 03 73	1 18 32
Iphigenia	63 240	587 09	1 14 10	98 02 0	091 84	11 3 00	75 71 x0		0 00 73	3 14 x2
Erazi	63 187	576 12	5 00 00	97 03 2	040 81	88 5 xx	55 60 7		0 04 75	1 18 42
Iphigenia	63 242	582 12	1 13 08	98 02 0	075 84	11 3 00	75 71 4		0 54 79	1 13 x2
Iphigenia	63 258	570 18	0 18 06	98 02 0	081 84	00 9 00	75 30 4		0 54 77	1 18 x1
Ethomaru	63 169	684 18	7 32 02	97 01 2	160 79	36 3 27	75 21 5		0 54 73	1 32 33

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTTdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	005 265 252	000 238 048	...	420 175 115	...	098 075 015	353 002 552	794 585 999	493 685 999	959 878	234 805	...	...
Jiwani														
Karachi	00 00	003 272 242	051 272 235	..	450 232 148	..	151 172 018	445 105 585	929 035 999	735 540 999	995 635	...	...	...
Lahore	00 00	982 245 232	000 012 058	...	462 175 999	...	083 070 999	327 530 999	...		...	...	...	...
Multan														
Peshawar	00 00	962 252 235	...	...	420 172 135	...	052 068 035	302 502 575	741 575 625	447 682 999	955 792	235 960	421 975	...
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT TdTdTd							Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	900 198 158	892 005 708	705 005 918	..	...	...	...	...	...	705 005 918	...	...
Jiwani													
Karachi	00 00	900 242 185	800 212 212	..	..	...	...	...	...	...	800 212 212	...	...
Lahore	00 00	900 205 285	800 145 999	..	..	...	...	...	...	...	800 145 999	...	...
Multan													
Peshawar	00 00	...	...	...	..	...	...	...	...	...	150 075 999	...	...
Quetta													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures(in tenths of oC.)
Str=Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential m
TT—Dry bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in Kms. a.s.l.	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	A 0000 hrs G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	No	Ascent								No	Ascent														
Chaklala																									
Chhor	21 12	20 10	21 10	21 10	26 10					22 14	24 12	23 10	24 07	32 02	02 03	22 08	22 13	23 15							
Chittagong	24 09	23 05	19 03	09 04	11 11	11 13	11 13	07 12	06 12	03 14	03 15	04 03	05 07	13 03	11 07	03 03	03 03	01 03	08 05	12 07	11 10	11 09	10 10	12 09	11 06	10 04
Cox's Bazar	19 02	16 03	15 03	12 04	11 05	11 08				02 10	03 08	03 06	08 04	10 09	11 10	03 02	09 09	10 10	11 14	10 10	10 10					
Dacca	06 03	04 03	03 03	05 07	05 15	09 11	09 12	07 17	08 21	09 04	05 02	04 05	07 03	09 06	09 15	11 14	11 03	12 04	09 07	08 06	07 08					
Dalbandin			24 08	26 04	34 05	35 07	31 07	05 05	03 07	...	...	10 03	04 05	35 11	33 10	...	...	08 11	13 13	20 06	29 05	34 07	29 07	01 05	01 11	02 19
D. I. Khan	...	...								...	...					...	...									
Drosh	...	...	...		21 07	20 07	20 12	19 10	...	...	...	...		21 01	22 03	24 04	...	...	...	...	...	...	...	...	...	...
Fort Sandeman	...	...	...	29 02	34 01	01 02	34 11	33 18	34 15	...	...	...	...	01 01	29 03	33 13	...	...	24 03	34 04	32 13	32 11	00 00	29 10	33 09	...
Jacobabad	15 07	16 07	16 05	09 02	34 06	36 15	36 13	01 10	03 08	19 13	27 08	23 06	21 05	15 01	35 19	17 04	14 03	12 03	01 04	02 10	13 07	05 05	33 03	01 06	02 06	05 07
Jassore	10 07	09 05	08 04							10 07	10 09	09 10	08 13	07 09	07 14											
Jhelum	19 01	34 03	33 03	13 03	14 08	16 11				04 04	36 07	02 03	14 08	11 09	13 07	21 01	14 03	14 04	12 04	12 07	3 06	18 02				
Jiwani	24 04	24 04	24 02	36 04	36 08	04 16	05 15	07 14	08 19	25 11	27 09	27 09	30 04	...	...	22 08	23 10	25 06	21 07							
Karachi	23 14	27 12	27 18	05 07	04 15	03 11	05 12	07 18	05 06	27 18	27 15	28 15	...	...	...	28 12	28 14	28 14								
Khanpur	21 12	21 19	21 23	22 15	22 16	19 13	19 13	20 07	27 03	24 2,	24 32	27 18	26 08	17 07	10 02	23 07	21 07	19 05	18 07	15 03	03 07	02 14	03 11	01 10	...	...
Lahore	30 04	09 03	16 04	18 05	21 05	26 05	27 08			07 01	20 02	21 04	27 04	28 07	16 05	26 02	25 02	28 01	27 03	22 04	18 08					
Multan	23 13	24 16	24 15	26 14	27 10	28 06	32 09	31 10	30 14	15 15	20 11	21 09	23 16	24 13	32 15	23 01	23 10	23 18	23 20	26 09	33 19	35 23	35 23	...	...	...
Muscat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	...	...	...	...	...	...	...	...	..	17 02	11 04	11 01	07 02	33 03	...	...	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	29 09	32 05	35 06	31 05	01 12	...	...	...	...	31 02	33 13	...	...	...	...	31 04	21 08	19 05	35 06	xx xx	xx xx	35 06
Sibi Jah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	30 07	33 03	10 04	12 13	09 09	33 02	03 04	04 06	08 09	07 04	08 01	08 06	07 07	10 04	13 07	11 05	09 14	09 19	08 17	09 19	11 10	10 08	09 04	06 06	06 13	14 05
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The actual time of observations may vary within half an hour of the ap cified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in g.p. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1
Chittagong																		
Dacca	13 07	04 06	04 05	05 04	08 06	10 11	11 13	13 15	09 16	09 14	08 16	26 06	xx xx	17 10	19 12	18 12	...	...
Karachi	27 17	29 19	28 17	35 11	36 10	03 19	04 21	05 24	10 15	07 09	08 03	23 07	36 11					
Peshawar	...	21 17	34 19	09 11	32 04	29 05	32 00	34 22	09 04	32 02	27 12	28 27	28 39	29 38		...	...	...
Quetta																		

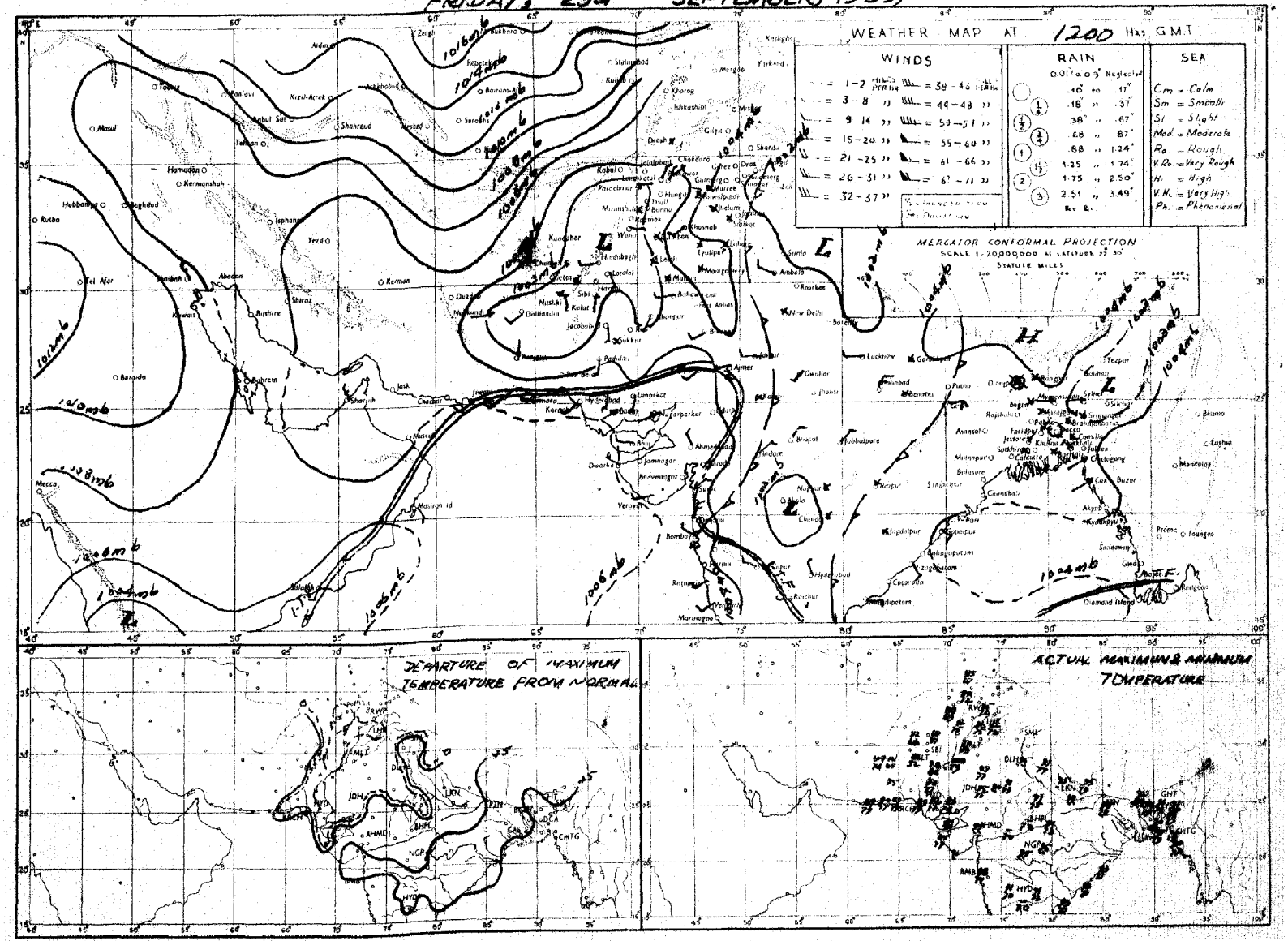
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_sV_s 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

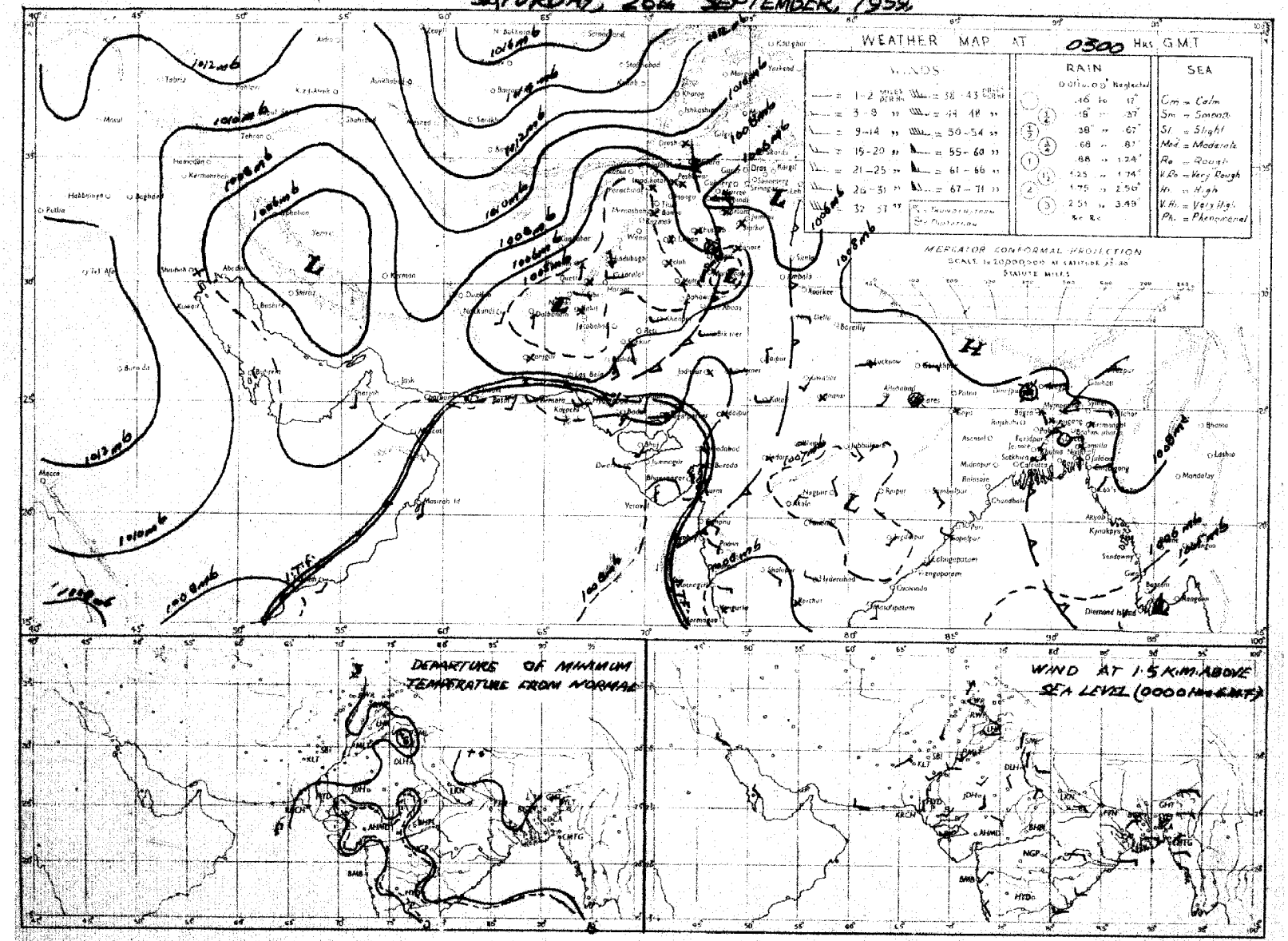
FRIDAY, 25th SEPTEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

SATURDAY, 26th SEPTEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

SUNDAY THE 27th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's well marked low in north Andaman Sea moved westwards, concentrated into a depression and now lies at 27,0300 G.M.T. within one degree latitude 15°N and longitude 92°E. It is likely to concentrate further and move westwards.

Scattered thundershowers have occurred in Chittagong division.

The low pressure wave over Lahore division moved away eastwards while the other is now moving across Peshawar division.

They have caused fairly widespread thundershowers in Rawalpindi division local in Lahore division and scattered in Multan and Peshawar divisions.

The trough of low off Konkan Kathiawar coasts is less markec.

Chief amounts of rainfall are:- Srimangal 1", Murree ½" and Kakul 1/4".

Day temperatures were:- 3—5°F above normal in Quetta, north Kalat divisions and East Pakistan and 3—4°F below normal in Khairpur, Hyderabad, Multan, Lahore and Rawalpindi divisions.

Forecast valid until the evening of 28th September, 1959. Fairly widespread rain/thundershowers will occur in Chittagong division and scattered in Dacca, Peshawar, Rawalpindi divisions and Kashmir.

Karachi-11
The 27th September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	[illegible]	[illegible]	[illegible]	25	[illegible]	98	[illegible]	9	031	86	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70	91
	Chittagong	000	0	2	29	05	96	01	1	027	86	2	2	7	0	6	81	[illegible]2
	Maijdee Court	000	9	2	00	00	98	01	2	028	89	1	1	9	0	1	71	91
	Comilla	000	0	2	00	00	95	03	0	036	88	2	2	7	0	0	81	93
	Brahmanbaria	000	0	2	00	00	97	03	1	027	87	2	4	5	0	0	73	91
	Sylhet	000	0	2	03	00	97	03	0	020	86	1	1	6	3	1	77	92
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	000	0	2	00	00	98	01	1	027	89	2	2	6	0	0	78	92
	Narayanganj	000	9	3	00	00	95	01	2	026	89	1	1	6	0	8	76	93
	Dacca (Tezgaon)	000	9	3	00	00	98	01	1	022	88	2	2	5	0	1	80	91
	Faridpur	000	9	2	00	00	97	03	0	036	88	2	5	8	0	0	81	85
	Barisal	000	0	3	00	00	97	02	2	028	90	3	0	7	6	0	82	92
Rajshahi	Khulna	000	0	0	00	00	97	00	0	030	88	0	0	9	0	0	79	92
	Satkhira	000	0	6	00	00	95	03	2	029	88	6	6	8	0	0	82	92
	Jessore	000	0	4	05	02	97	02	1	033	89	4	4	6	0	0	82	92
	Sirajganj	000	0	0	00	00	97	00	0	005	86	0	0	9	0	0	81	93
	Bogra	000	0	0	00	00	97	02	1	023	88	0	0	9	0	0	79	92
	Dinajpur	000	0	0	00	00	95	00	0	024	90	0	0	9	0	0	80	94
	Rangpur	000	0	2	00	00	96	01	0	xxx	90	2	1	6	0	0	77	93
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	001	2	7	23	03	96	95	9	053	77	3	3	7	7	0	71	94
	Sialkot	000	2	5	00	00	97	01	5	031	82	2	4	6	3	x	73	93
Rawalpindi	Jhelum	002	3	7	13	02	97	02	9	041	93	3	7	7	7	0	73	91
	Rawalpindi	009	3	6	00	00	98	02	9	063	75	3	3	6	6	0	67	90
	Khushab	000	0	3	09	02	99	01	1	043	91	0	0	9	3	0	74	93
Multan	Lyallpur	000	3	6	00	00	96	02	9	046	86	6	3	8	0	0	73	xx
	Montgomery	000	2	6	23	03	96	03	1	035	82	3	3	7	4	0	73	90
	Multan	000	0	2	23	02	98	02	0	022	92	0	0	9	5	0	73	98
Bahawalpur	Leiah	000	0	4	00	00	97	03	1	011	91	4	6	8	0	0	78	95
	Khanpur	000	0	0	29	02	96	03	0	007	99	0	0	9	0	0	77	01
	Bahawalpur	000	0	4	00	00	97	03	0	025	00	0	0	8	1	0	76	00
	Fort Abbas	000	0	4	23	05	98	01	1	015	85	0	0	8	3	0	79	00
Peshawar	Chakdara	000	0	1	00	00	97	01	1	035	89	1	1	7	0	0	70	90
	Peshawar	000	0	1	05	04	96	02	0	013	91	1	1	6	0	0	72	93
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Campbellpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Bannu	000	0	0	13	01	99	00	0	008	93	0	0	9	0	0	67	91
	D. I. Khan	000	0	0	00	00	98	00	0	022	95	0	0	9	0	0	79	96
Quetta	Sibi	000	0	0	18	02	99	00	0	042	[illegible]1	0	0	9	0	0	67	02
	Nokkundi	000	0	0	18	02	99	02	0	996	99	0	0	9	0	0	21	01
Kalat	Turbat	000	0	0	13	02	96	00	0	037	98	0	0	9	0	0	79	99
	Jiwani	000	0	6	23	09	96	02	2	055	84	6	5	5	0	0	74	88
	Pasni	000	0	0	27	12	97	00	0	046	86	0	0	9	0	0	77	90
	Ormara	000	0	0	27	09	98	00	0	037	86	0	0	9	0	0	77	88
	Las Bela	000	0	0	00	00	98	00	0	059	85	0	0	9	0	0	78	00
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	5	25	12	98	03	2	046	87	0	0	9	4	0	80	88
	Karachi (Air Port)	000	0	7	23	12	96	02	2	047	85	7	5	5	0	0	78	87
	Badin	000	0	0	23	04	97	00	0	040	90	0	0	9	0	0	83	92
	Nagarparkar	000	0	0	18	03	98	00	0	042	88	0	0	9	0	0	79	90
	Umarkot	000	0	2	20	07	98	0[illegible]	0	027	91	2	1	6	0	0	76	93
	Hyderabad	000	0	2	23	09	97	02	0	030	93	2	8	6	0	0	73	96
Khairpur	Pad-i-dan	000	0	1	13	03	97	01	0	021	98	1	1	6	0	0	67	00
	Nawabshah	000	0	1	13	02	97	01	0	027	96	1	1	6	0	0	73	99
	Sukkur	000	0	0	00	02	96	00	0	017	95	0	0	9	0	0	75	00
	Kashmore	000	0	0	20	02	99	00	0	021	95	0	0	9	0	0	68	98
	Jacobabad	000	0	0	13	05	97	02	0	025	96	0	0	9	0	0	73	98
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	044	5	4	27	02	98	01	9	480	63	2	5	5	x	x	57	66
Peshawar	Drosh	000	0	1	23	10	97	01	0	429	87	1	1	7	0	0	52	92
	Cherat	000	0	0	08	03	98	00	0	478	79	0	0	9	0	0	74	82
	Kakul	027	7	5	27	03	98	29	9	469	72	5	3	6	0	3	46	80
	Landi Kotal	000	0	2	13	03	98	03	0	453	84	2	2	7	0	0	64	96
	Parachinar	000	0	2	13	02	99	00	0	799	77	2	0	9	0	0	69	xx
D. I. Khan	Miranshah	000	0	0	05	02	99	00	0	463	85	0	0	9	0	0	69	87
	Wana	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman	000	0	0	00	00	97	03	0	458	91	0	0	9	0	0	49	91
	Hindubagh	000	0	0	25	05	98	00	0	414	86	0	0	9	0	0	53	86
	Loralai	000	0	2	13	07	97	01	0	425	84	0	0	7	3	0	57	87
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	1	00	00	96	01	0	451	84	1	1	5	0	0	42	87
	Chaman	000	0	0	27	02	97	00	0	466	91	0	0	9	0	0	52	92
Kalat	Kalat	000	0	0	34	05	98	00	0	458	78	0	0	9	0	0	45	84
	Nushki	000	0	0	27	05	98	02	0	523	95	0	0	9	0	0	65	01
	Dalbandin	000	0	0	27	03	96	02	0	470	98	0	0	9	0	0	33	00
	Panjgur	000	0	0	36	03	98	00	0	479	94	0	0	9	0	0	31	95
Afghanistan	Kabul	000	0	0	18	02	99	00	0	495	85	0	0	9	0	0	75	80
	Kandahar																	

At 0300 Hrs. G.M.T. of date

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Cox's Bazar	003	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	064	79	[illegible]	4	[illegible]	2	0	75	77
	Chittagong	000	0	3	02	05	96	01	1	057	86	1	2	7	2	0	76	78
	Maijdee Court	000	9	2	00	00	98	01	0	058	86	0	0	9	0	1	73	80
	Comilla	000	0	0	00	00	97	00	0	061	86	0	0	9	0	0	79	80
	Brahmanbaria	000	0	2	05	02	97	03	1	074	86	1	1	5	0	8	79	80
	Sylhet	000	0	1	09	05	98	01	0	063	87	1	1	6	7	1	79	76
	Srimangal	094	6	1	00	00	97	01	9	061	88	1	1	7	0	0	78	75
Dacca	Mymensingh	000	0	0	13	02	98	00	1	072	87	0	0	9	0	0	72	81
	Narayanganj	008	9	3	00	00	97	01	2	062	93	1	5	4	0	1	79	82
	Dacca (Tezgaon)	000	1	5	02	02	97	03	1	058	87	2	5	4	7	1	79	83
	Faridpur	000	9	4	36	02	97	03	0	061	88	1	5	8	1	0	79	80
	Barisal	000	6	1	05	01	97	01	0	063	88	0	0	8	8	0	80	81
Rajshahi	Khulna	000	0	2	05	05	97	01	1	065	89	2	5	7	0	0	79	81
	Satkhira	000	0	2	00	07	96	01	0	064	xx	2	1	9	0	0	80	80
	Jessore	000	0	6	36	12	97	01	0	061	86	4	8	6	6	0	82	79
	Sirajganj	000	0	0	00	00	97	00	0	059	89	0	0	9	0	0	81	80
	Bogra	000	0	3	09	03	96	02	0	064	87	2	5	6	0	2	81	81
	Dinajpur	000	0	0	00	00	96	02	2	071	86	0	0	9	0	0	77	83
	Rangpur	000	0	1	05	05	96	01	0	xxx	85	1	0	9	0	1	79	83
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	003	9	5	00	00	96	01	9	078	79	1	5	7	3	9	74	75
	Sialkot	000	0	1	00	00	97	01	0	066	83	0	0	9	0	3	76	75
Rawalpindi	Jhelum	002	9	0	31	02	97	02	2	072	77	0	0	9	0	0	69	xx
	Rawalpindi	010	0	0	00	00	99	00	0	085	75	0	0	9	0	0	69	69
	Khushab	000	0	0	00	00	99	00	0	074	84	0	0	9	0	0	76	77
Multan	Lyallpur	000	9	4	00	00	96	01	9	064	78	4	0	9	0	3	74	75
	Montgomery	009	0	1	00	00	96	03	1	057	76	2	2	7	0	0	74	76
	Multan	000	0	4	00	00	97	03	1	067	84	0	0	9	6	2	77	81
Bahawalpur	Leiah	000	0	3	00	00	97	01	2	057	83	3	2	8	0	0	78	76
	Khanpur	000	0	0	20	03	96	03	0	059	84	0	0	9	0	0	80	78
	Bahawalpur	000	0	7	20	02	97	03	0	065	85	0	0	8	4	0	73	78
	Fort Abbas	000	0	0	00	00	98	00	0	057	82	0	0	9	0	0	70	xx
Peshawar	Chakdara	000	0	0	02	00	99	00	0	060	75	0	0	9	0	0	66	69
	Peshawar	000	0	1	00	00	96	05	0	064	80	1	1	6	0	0	70	73
	Haripur	000	0	0	23	02	97	00	0	053	88	0	0	9	0	0	71	74
	Campbellpur	000	0	0	00	00	98	00	0	*088	xx	0	0	9	0	0	70	72
D. I. Khan	Bannu	000	0	0	05	01	99	00	0	052	81	0	0	9	0	0	72	75
	D. I. Khan	000	0	1	00	00	98	01	1	065	85	0	0	9	0	1	78	78
Quetta	Sibi	000	0	0	09	02	99	00	0	059	84	0	0	9	0	0	71	83
	Nokkundi	000	0	0	05	02	99	02	0	071	76	0	0	9	0	0	22	71
Kalat	Turbat	000	0	6	23	02	95	03	0	060	81	0	0	4	6	0	65	xx
	Jiwani	000	0	5	00	00	97	02	2	083	79	5	6	9	0	0	75	78
	Pasni	000	0	0	29	02	97	00	0	077	80	0	0	9	0	0	7[illegible]	78
	Ormara	000	0	0	27	07	98	00	0	069	83	0	0	9	0	0	77	78
	Las Bela	000	0	0	00	00	98	00	0	059	83	0	0				75	78
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	25	10	96	02	0	069	82	0	0	9	0	0	79	79
	Karachi (Air Port)	000	0	0	27	10	97	01	1	069	82	0	0	9	0	0	77	79
	Badin	000	0	8	23	02	95	02	2	071	81	0	8	7	0	0	78	78
	Nagarparkar	000	0	4	23	02	98	00	0	084	80	4	6	7	0	0	73	77
	Umarkot	000	0	2	20	05	98	00	0	062	81	2	1	6	0	0	78	76
	Hyderabad	000	0	0	23	02	97	02	0	057	81	0	0	9	0	0	75	79
Khairpur	Pad-i-dan	000	0	0	11	02	97	02	0	059	82	0	0	9	0	0	75	78
	Nawabshah	000	0	0	00	00	96	02	0	052	83	0	0	9	0	0	77	78
	Sukkur	000	0	0	2	02	96	00	0	057	83	0	0	9	0	0	78	81
	Kashmore	000	0	0	xx	xx	96	00	9	056	83	0	0	9	0	0	77	83
	Jacobabad	000	0	0	00	00	96	02	0	060	85	0	0	9	0	0	78	81
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	044	9	0	00	00	99	00	1	497	62	0	0	9	0	0	49	55
Peshawar	Drosh	...	...	...	...				...						...	...		
	Cherat	000	0	0	36	03	98	00	0	496	71	0	0	9	0	0	68	65
	Kakul	027	0	0	13	02	99	02	0	488	70	0	0	9	0	0	67	64
	Landi Kotal	000	0	1	00	00	98	03	0	487	77	1	1	7	0	0	68	xx
	Parachinar	000	0	0	00	00	99	00	0	800	64	0	0	9	0	0	55	xx
D. I. Khan	Miranshah	000	0	0	00	00	99	00	0	472	76	0	0	9	0	0	69	70
	Wana	000	0	0	00	00	99	00	0	474	74	0	0	9	0	0	71	63
Quetta	Fort Sandeman	000	0	0	00	00	97	02	0	486	73	0	0	9		0	62	68
	Hindubagh	000	0	0	23	01	98	00	0	432	67	0	0	9	0	0	48	66
	Loralai	000	0	0	27	02	98	00	0	384	64	0	0	9	0	0	45	57
	Harnai	000	0	0	09	01	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	00	00	94	00	0	507	64	0	0	9	0	0	42	51
	Chaman	000	0	0	00	00	97	00	0	485	73	0	0	9	0	0	41	66
Kalat	Kalat	000	0	0	13	03	98	02	0	494	65	0	0	9	0	0	45	52
	Nushki	000	0	0	09	05	98	02	0	529	80	0	0	9	0	0	51	72
	Dalbandin	000	0	0	00	00	97	02	0	479	69	0	0	9	0	0	33	65
	Panjgur	000	0	0	05	02	98	00	0	470	70	0	0	9	0	0	57	67
Afghanistan	Kabul	000	0	0	14	00	99	00	0	549	62	0	0	9	0	0	50	49
	Kandahar																	

Divisions (1)	Stations (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Chittagong	Cox's Bazar	+ 4	+ 2	115.4	+ 7.2	131.3	140
	Chittagong	+ 5	+ 2	93.3	+16.8	125.3	108
	Maijdee Court	+ 4	+ 3	102.3	+18.7	134.1	115
	Comilla	+ 5	+ 4	62.7	+ 0.3	88.7	94
	Brahmanbaria	—	—	44.9	— 2.3	70.9	74
	Sylhet	—	—	137.1	—	175.1	—
	Srimangal		+ 1	65.7	+ 7.?	77.8	98
Dacca	Mymensingh	+ 5	+ 4	69.7	+ 7.6	91.8	91
	Narayanganj	+ 5	+ 4	58.1	+10.4	79.4	74
	Dacca (Tezgaon)	—	—	61.7	—	77.1	—
	Faridpur	— 2	+ 2	60.1	+13.8	88.4	71
	Barisal	+ 4	+ 3	96.3	+ 4.1	111.1	81
Rajshahi	Khulna	+ 4	+ 4	65.8	+17.9	86.7	68
	Satkhira	+ 5	+ 4	45.9	+ 8.6	64.0	65
	Jessore	—	—	45.9	+ 2.5	96.1	65
	Sirajganj	+ 5	+ 3	59.5	+15.1	84.3	64
	Bogra	+ 4	+ 4	59.4	+10.2	78.5	69
	Dinajpur	+ 6	+ 3	33.0	—22.2	50.3	72
	Rangpur	+ 4	+ 4	49.3	—11.3	49.2	88
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 4	+ 7	21.8	+ 7.3	25.6	19
	Sialkot	— 2	+ 5	49.6	+26.2	55.0	32
Rawalpindi	Jhelum	—	—	36.4	—	46.7	—
	Rawalpindi	— 3	+ 4	36.0	+12.7	49.1	36
	Khushab	— 5	+ 1	14.3	+ 4.2	19.9	15
Multan	Lyallpur	— 11	+ 5	14.5	+ 5.3	17.3	12
	Montgomery	— 9	+ 4	6.1	— 0.3	8.4	10
	Multan	0	+ 8	5.9	+ 1.0	8.0	7
Bahawalpur	Leiah	—	—	5.0	—	6.9	8
	Khanpur	+ 1	+ 6	0.5	— 4.3	1.3	6
	Bahawalpur	+ 1	+ 8	5.4	+ 1.2	6.4	6
	Fort Abbas	—	—	8.1	—	8.4	4
Peshawar	Chakdara	—	—	9.9	—	25.5	—
	Peshawar	0	+ 6	8.4	+ 4.0	22.3	14
	Haripur	—	—	19.6	—	30.5	—
	Campbellpur	—	—	21.6	—	35.5	—
D. I. Khan	Bannu	—	—	12.1	—	19.1	11
	D. I. Khan	— 2	+ 7	10.2	+ 4.8	13.9	10
Quetta	Sibi	—	—	3.4	—	4.1	5
	Nokkundi	—	—	0	—	1.1	3
Kalat	Turbat	—	—	2.9	—	7.3	—
	Jiwani	—	—	0.3	—	5.9	4
	Pasni	—	—	0.6	— 0.3	3.2	6
	Ormara	— 1	+ 7	1.7	+ 0.9	4.2	6
	Las Bela	—	—	—	—	—	8
Karachi Federal Area Hyderabad	Karachi (Manora)	+ 2	+ 3	16.5	+10.5	16.5	8
	Karachi (Air Port)	—	—	22.6	—	22.9	—
	Badin	— 4	+ 4	11.2	+ 4.8	11.2	9
	Nagarparkar	—	—	38.0	—	38.0	—
	Umarkot	—	—	18.8	—	19.8	—
	Hyderabad	— 3	+ 4	14.6	+ 8.6	15.4	7
Khairpur	Pad-i-dan	—	—	7.3	—	7.5	—
	Nawabshah	—	—	6.4	—	7.1	—
	Sukkur	—	—	3.5	—	4.6	4
	Kashmore	—	—	2.0	—	2.1	—
	Jacobabad	— 3	+ 8	3.8	+ 1.5	4.5	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						—
Arabia	Muscat						4
	Kuwait						—
HILL STATIONS							
Kashmir	Srinagar						26
	Gulmarg						—
	Sonamarg						71
	Dras						26
	Leh						3
	Skardu						6
	Misgar						—
	Aliabad						—
	Gilgit						3
Rawalpindi	Murree	— 4	+ 3	50.3	+ 1.51	79.5	59
Peshawar	Drosh	+ 8					18
	Cherat	— 1	+ 2	20.1	+ 8.2	30.1	29
	Kakul	—	—	48.5	—	53.2	—
	Landi Kotal	—	—	3.3	—	26.4	—
	Parachinar	—	—	13.9	—	27.7	29
D. I. Khan	Miranshah	—	—	2.7	—	5.7	13
	Wana	—	—	—	—	—	—
Quetta	Fort Sandeman	+ 1	+ 7	7.2	+ 2.2	19.9	11
	Hindubagh	—	—	4.6	—	18.6	—
	Loralai	—	—	7.1	—	13.0	—
	Harnai	—	—	8.4	+ 1.0	12.7	14
	Quetta	—	—	4.7	+ 3.7	10.2	8
	Chaman	+ 5	+ 7	0.1	[illegible]	6.2	7
Kalat	Kalat	+ 4	+ 8	6.3	+ 5.1	11.0	9
	Nushki	—	—	1.1	—	2.9	—
	Dalbandin	+ 3	+ 7	0.2	— 0.1	2.2	3
	Panjgur	+ 1	+ 6	2.5	—	4.1	4
Afghanistan	Kabul	-	—	—	—	—	12
	Kandahar						—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitte.

RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day

Whenever 999 is given for RRR see the summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 27th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN				YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhCLhCMCH	DsVs a PP	8 Ns Ch hs	0 Ts Ts Td Td	Id.d..PH.
				2	3	4	5	6	7	8	9	10	11
ARABIAN SEA													
Rizwani	...	...	...	74 172	664 08	7 31 09	99 02 5	070 81	75 6 xx	43 41 0		0 00 73	1 31 31
Beranic	...	...	...	73 245	582 06	3 45 02	99 02 0	094 84	30 8 08	36 20 8	...	0 54 77	1 15 30
Eihomaru	...	...	...	73 188	660 06	1 27 03	98 01 1	115 82	10 8 01	75 21 0	...	0 02 73	1 25 32
British	...	...	...	73 230	594 06	0 14 02	98 02 0	085 84	00 9 00	74 20 3	...	0 05 77	0 0x 00
Isocardia	...	...	...	73 245	582 06	4 00 00	98 02 1	145 82	42 x 30	76 40 0	...	0 83 77	1 00 x0
Berinic	...	...	...	73 240	587 09	3 14 02	99 02 0	075 86	30 9 08	36 61 9	...	0 52 75	1 14 21
Sphigenia	...	...	...	73 267	530 09	3 28 15	98 02 0	073 91	30 6 80	75 71 4	...	0 00 72	1 28 22
Eihomaru	...	...	...	73 197	647 12	2 27 04	98 02 1	090 82	21 4 00	75 61 0	...	0 00 73	1 27 22
Isocardia	...	...	...	73 258	571 12	1 00 00	98 02 0	104 90	11 x 00	76 72 6	...	0 00 81	1 00 x0
Beronica	...	...	...	73 227	597 15	0 11 10	98 01 0	065 81	00 9 00	36 21 0	...	0 52 70	1 49 22
Dumra	...	...	...	73 244	610 18	0 16 09	97 02 0	073 79	00 9 00	15 21 8	...	0 53 75	...
Isocardia	...	...	...	73 264	557 18	2 21 10	98 02 0	115 88	09 9 07	66 21 0	...	0 00 79	1 21 x1
Rawen	...	...	...	73 087	667 18	3 30 09	98 02 1	110 81	12 4 41	65 11)	...	0 51 73	1 30 22
Iphigenia	...	...	...	73 280	598 18	0 29 13	98 02 0	067 86	00 9 00	75 11 4	...	0 54 17	1 29 23
Eihomaru	...	...	...	73 205	635 18	2 25 06	98 02 0	105 79	21 4 00	75 20 5	...	0 54 73	1 25 22

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTdTdTd	1000 mb (HHHTTT TdTdTd)	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb (HHHTTT)	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	005 292 265	000 005 045	...	440 125 085	...	071 055 022	324 532 465	750 000 999	437 692 999	993 832	266 028	448 135	...
Jiwani ...														
Karachi ...	00 00	003 272 228	051 272 222	..	420 222 128	.	131 182 999	402 032 999	855 542 999	580 640 999	972 752	254 922	436 992	700 045
Lahore ...	00 00	—	Misda	...	...	—	—	...	...		—		—	...
Multan ...														
Peshawar ...	00 00	965 248 235	000 23x xxx	—	420 220 220	...	126 121 078	400 042 585	861 545 782	577 658 999	969 798	245 965	438 055	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 195 142	—	...	..	...	...	...	...	...	900 195 142	...	..
Jiwani ...													
Karachi ...	00 00	900 222 178	800 192 062	..	..	...	—	—	...	...	800 192 062	...	...
Lahore ...	00 00	...	Misda	..	...	...	...	...	...	...	—	...	...
Multan ...													
Peshawar ...	00 00	900 258 238	800 172 172	350 722 999	250 888 999	...	...	...	...	..	250 888 999	...	...
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of oC.)
St—Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential m
TT—Dry bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

At 1200 hrs. G.M.T. of Previous day (dd ff) — columns 2–10; At 0000 hrs. G.M.T. † of date (dd ff) — columns 11–16; At 600 hrs. G.M.T. † of date (dd ff) — columns 17–27.

Height in Kms. a.s.l →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	10 03	11 03	13 03	09 09	08 13	10 09	08 07	12 13	10 13	05 12	05 09	07 11	09 11	10 09	09 08	06 06	06 09	08 12	07 18	07 13	...	...	...	...	...	...
Chaklala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	20 13	21 13	21 13	25 15	29 09	35 09	...	...	...	24 16	25 10	20 06	14 03	06 06	...	19 06	16 08	17 07	17 07	...	...	...	...	...	...	...
Chittagong ...	32 06	35 05	01 05	02 05	13 03	13 10	11 10	09 09	07 08	03 01	03 03	35 03	09 03	11 03	11 03	17 04	11 04	10 08	...	...	...	...	...	...	...	...
Cox's Bazar ...	33 08	34 06	02 04	07 07	10 10	10 15	11 09	...	...	01 06	...	...	...	...	...	21 07	33 07	...	...	...	...	...	...	...	...	...
Dacca ...	32 03	01 03	01 04	03 07	06 09	05 14	09 12	xx xx	10 17	04 10	04 11	06 08	35 05	08 01	10 08	06 05	08 07	08 08	08 11	07 09	07 11	09 13	01 03	10 13	09 11	...
Dalbandin ...	...	...	25 06	27 08	26 09	16 04	29 03	19 11	02 07	...	...	09 08	07 05	04 03	15 04	...	...	08 09	07 14	12 02	17 02	16 03	09 15	07 28	05 27	06 31
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 13	23 20	19 13	16 13	18 10	...	...	...	23 04	24 08	21 05	...	...	...	...	02 04	05 12	01 10	36 19	36 17	36 09	10 05
Fort Sandeman ...	...	...	...	33 03	28 03	35 05	29 09	31 10	01 16	...	...	...	06 02	30 07	33 14	...	...	...	18 01	34 02	33 06	04 07	03 21	03 22	05 24	02 35
Jacobabad ...	14 04	18 04	16 02	01 04	03 04	03 12	01 10	30 07	33 12	16 07	21 05	24 05	09 03	13 08	34 09	15 02	12 02	11 04	36 05	01 10	06 07	05 07	06 17	04 25	04 28	02 15
Jessore ...	06 03	05 02	08 01	05 06	...	...	...	...	...	03 12	03 15	03 16	03 08	04 03	...	04 09	09 07	08 08	05 07	04 09	...	...	...	...	...	...
Jhelum ...	04 04	07 07	05 03	06 02	08 03	20 03	26 05	32 05	...	34 01	02 02	03 04	03 06	15 01	06 04	22 03	16 02	14 02	09 04	09 04	09 03	10 06	07 11	03 17	03 11	02 23
Jiwani ...	19 03	20 03	...	...	...	...	...	...	...	22 06	21 05	23 04	27 02	...	...	23 06	21 05	23 05	...	...	...	...	...	...	...	...
Karachi ...	28 15	27 19	28 20	...	...	...	...	...	...	29 18	29 15	30 10	01 11	03 06	06 20	28 15	29 14	31 12	35 13	03 10	04 21	04 22	09 10	11 15	...	...
Khanpur ...	28 07	27 07	27 05	15 03	18 03	27 04	...	...	...	23 17	24 24	26 20	26 04	12 04	06 10	23 11	22 09	21 04	17 02	24 08	07 09	07 09	33 08	34 02	08 08	07 13
Lahore ...	25 11	27 07	26 03	21 03	17 06	16 09	...	...	...	35 04	07 03	13 03	09 03	10 05	06 07	...	...	...	...	...	...	...	...	...	...	...
Multan ...	20 09	23 11	24 10	27 11	27 12	33 13	35 14	10 25	34 17	15 10	05 01	29 04	30 06	30 07	32 11	12 02	07 02	14 01	32 02	01 05	35 08	02 09	02 13	08 29	03 31	02 26
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	06 04	13 05	17 08	28 08	31 17	32 17	32 12	36 06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	29 05	27 05	20 03	10 12	35 14	...	...	...	...	30 03	32 10	...	...	...	...	33 04	12 04	11 09	05 19	05 23	05 17	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	35 07	04 05	05 05	10 25	10 17	09 18	09 16	06 11	11 05	06 07	08 10	09 11	09 08	11 03	16 05	07 10	09 22	10 26	10 22	08 14	10 12	10 15	11 09	11 05	10 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 Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.4	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	02 11	xx xx	01 07	03 07	34 05	29 02	10 10	11 05	07 11	07 15	10 10	14 06	19 09	20 06	16 13	11 20	11 2	
Karachi ...	28 22	28 20	32 15	32 09	03 09	06 16	05 26	06 21	15 05	27 02	35 07	23 12	29 27	31 18	27 07	27 05	29 04	29 01
Peshawar ...	—	29 11	05 08	25 04	01 14	03 10	01 05	01 14	36 18	02 22	02 23	34 34	32 35	33 26				
Quetta ...																		

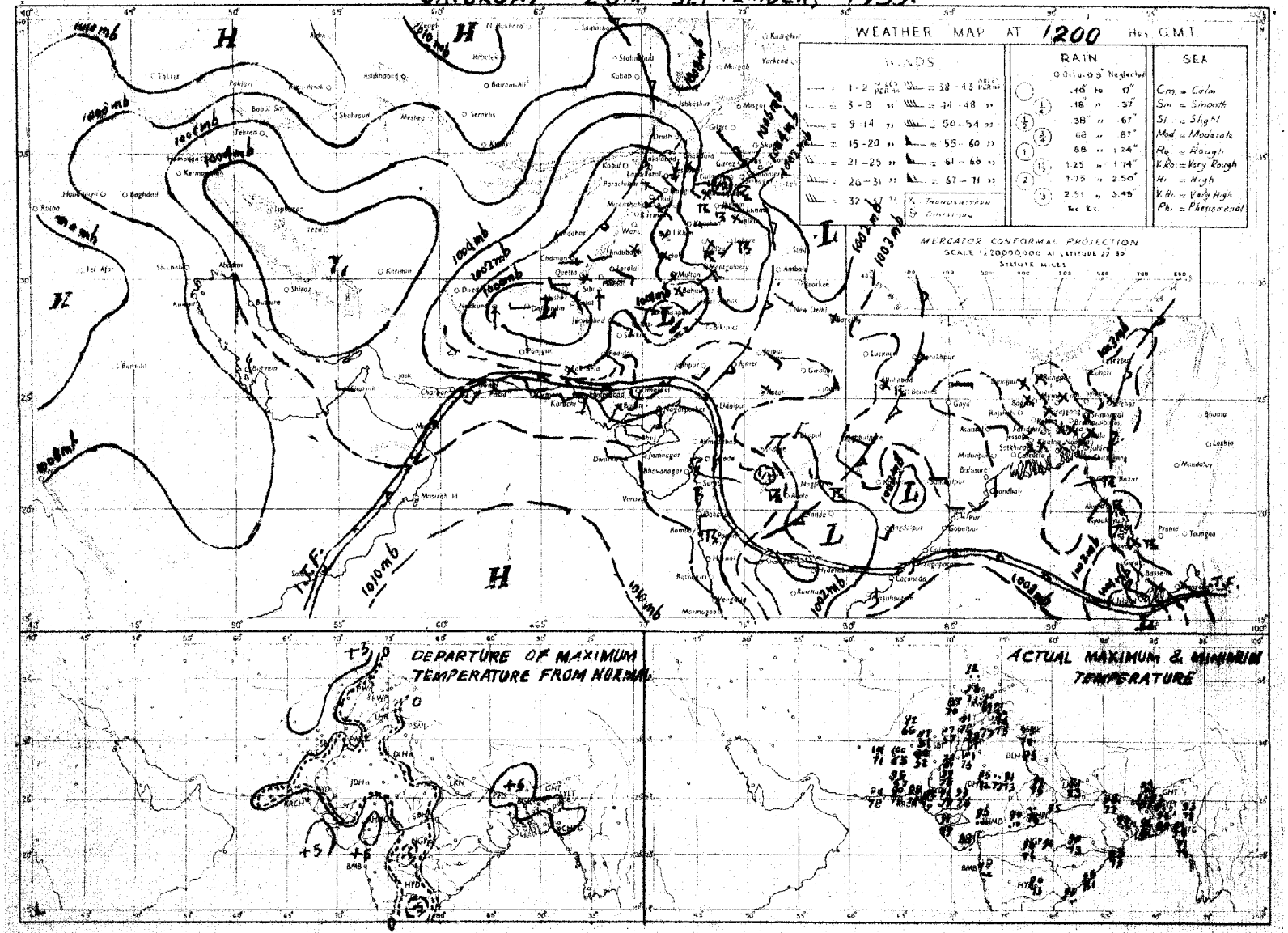
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGlii 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

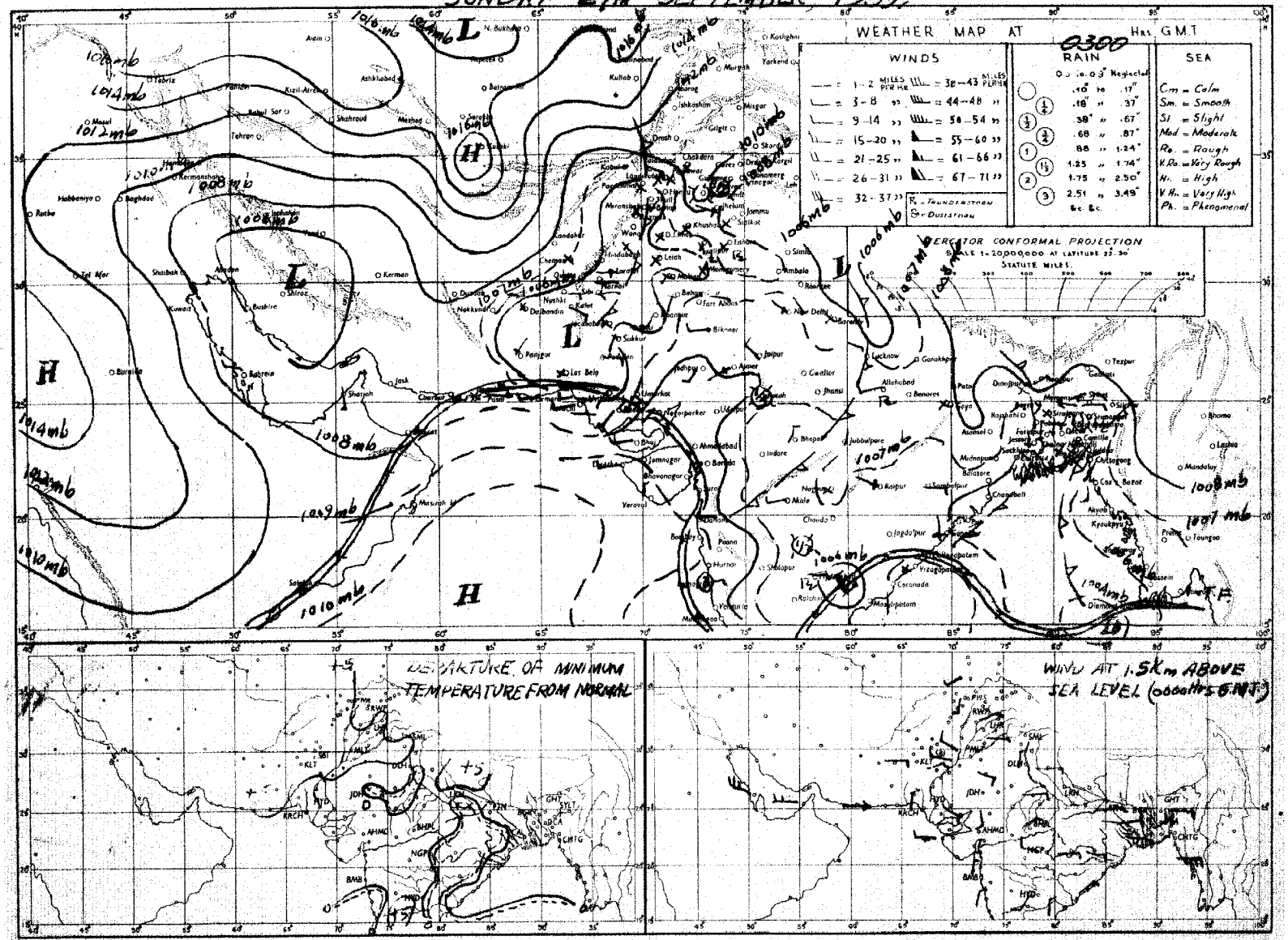
SATURDAY 26th SEPTEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

SUNDAY 27TH SEPTEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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Reg. No. S-1457
Volume No. 13

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 28th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Observations from ships and Burma are lacking but believe yesterday's depression moved northwestwards, intensified and now lies as a deep depression at 28,0300 G.M.T. within one degree of latitude 17°N and longitude 90½°E. It is likely to move in a northwesterly direction. In its association rain/thundershowers have been fairly widespread in Dacca division and local in Rajshahi division.

Yesterday's low pressure wave is now moving across Rawalpindi division. It has caused scattered rain/thunderstorms in Multan and Bahawalpur divisions.

Chief amounts of rainfall are:- Fort Abbas 3/4" and Barisal and Satkhira ½" each.

Day temperatures were:- 3—5°F above normal in north Kalat and Quetta divisions and East Pakistan and 3—6°F below normal in Multan, Lahore and Rawalpindi divisions.

Forecast valid until the evening of 29th September, 1959. Fairly widespread rain/thundershowers will occur in Chittagong and Dacca divisions, local in Rajshahi division and scattered in Peshawar, Rawalpindi divisions and Kashmir.

Karachi-11
The 28th September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	00	6	7	29	03	93	02	6	018	83	4	4	7	5	2	78	87
	Chittagong	000	0	4	34	02	96	02	1	016	86	2	4	7	2	0	77	88
	Maijdee Court	000	9	5	18	04	96	03	0	015	85	4	2	7	0	1	81	92
	Comilla	000	0	6	00	00	95	03	0	025	89	6	4	5	0	0	82	94
	Brahmanbaria	000	0	4	00	00	97	03	0	008	91	4	4	5	0	0	84	94
	Sylhet	000	0	3	03	00	97	03	0	010	86	1	2	6	6	1	80	93
	Srimangal	000	0	2	00	00	96	03	0	009	90	2	3	5	0	0	82	95
Dacca	Mymensingh	000	0	3	09	02	98	02	0	014	90	0	0	9	0	8	77	93
	Narayanganj	000	9	4	00	00	95	01	1	011	89	1	1	6	2	0	81	95
	Dacca (Tezgaon)	000	9	6	05	02	98	13	1	004	83	2	3	6	0	3	78	92
	Faridpur	000	8	6	00	00	96	02	1	005	89	4	4	8	1	0	79	92
	Barisal	058	3	6	00	00	97	02	6	006	85	6	6	7	0	0	80	93
Rajshahi	Khulna	001	0	0	00	00	95	00	0	015	81	0	0	9	0	0	77	92
	Satkhira	016	0	8	00	00	94	03	6	016	80	x	x	x	x	x	77	92
	Jessore	000	0	2	36	02	97	01	1	031	89	2	4	6	0	0	77	92
	Sirajganj	000	0	4	00	03	96	03	1	997	88	0	0	9	0	1	80	94
	Bogra	000	0	3	00	00	96	01	1	007	89	0	0	9	0	8	79	93
	Dinajpur	000	0	4	00	00	96	02	0	009	88	4	0	9	2	0	81	95
	Rangpur	001	0	5	13	02	96	17	1	xxx	83	3	5	6	1	0	74	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	8	3	00	00	96	01	1	020	90	3	2	6	0	0	75	93
	Sialkot	000	0	1	00	00	97	01	0	012	93	1	1	6	0	0	76	92
Rawalpindi	Jhelum	000	0	1	00	00	98	02	0	015	90	1	1	7	0	0	71	93
	Rawalpindi	000	0	0	00	00	99	00	0	011	90	0	0	9	0	0	71	92
	Khushab	000	0	0	00	00	99	00	0	034	94	0	0	9	0	0	75	95
Multan	Lyallpur	000	0	5	00	00	96	02	9	013	92	5	3	5	0	0	76	92
	Montgomery	000	0	0	0	00	96	00	0	020	93	0	0	9	0	0	73	93
	Multan	000	0	3	00	00	98	00	0	018	97	3	1	6	0	0	71	98
Bahawalpur	Leiah	000	0	5	00	00	97	03	1	004	95	5	3	8	0	0	76	98
	Khanpur	000	0	0	29	03	96	02	0	010	01	0	0	9	0	0	77	02
	Bahawalpur	0.0	0	8	02	03	96	03	0	029	93	6	0	8	6	x	75	01
	Fort Abbas	077	0	4	29	02	98	02	6	010	97	4	4	8	0	0	75	02
Peshawar	Chakdara	000	0	0	23	03	97	00	0	023	89	0	0	9	0	0	70	90
	Peshawar	000	0	1	05	02	97	02	0	016	91	1	1	6	0	0	71	94
	Haripur	000	0	0	05	02	97	00	0	998	89	0	0	9	0	0	65	92
	Campbellpur	000	0	4	13	03	96	01	1	005	93	4	1	6	0	0	70	93
D. I. Khan	Bannu	000	0	0	09	01	99	00	0	007	91	0	0	9	0	0	72	94
	D. I. Khan	000	6	0	00	00	98	00	0	009	97	0	0	3	0	0	74	98
Quetta	Sibi	000	0	0	18	02	99	00	0	007	02	0	0	9	0	0	64	04
Kalat	Nokkundi	000	0	0	20	02	99	02	0	999	00	0	0	9	0	0	22	03
	Turbat	000	0	0	23	02	96	00	0	027	03	0	0	9	0	0	77	02
	Jiwani	000	0	5	18	09	97	02	1	049	85	5	6	4	0	0	75	88
	Pasni	000	0	0	23	12	97	00	0	031	85	0	0	9	0	0	79	89
	Ormara	000	0	0	27	10	98	00	0	033	87	0	0	9	0	0	77	89
	Las Bela	000	0	0	00	03	98	00	0	021	97	0	0	9	0	0	78	01
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	0	25	12	98	02	0	029	86	0	0	9	0	0	81	89
	Karachi (Air Port)	000	0	5	23	12	97	01	1	036	85	5	5	5	0	0	78	89
	Badin	000	0	0	23	02	97	00	0	035	90	0	0	9	0	0	79	94
	Nagarparkar	000	0	0	18	03	98	00	0	022	88	0	0	9	0	0	69	91
	Umarkot	000	0	2	23	05	98	02	0	016	94	2	1	6	0	0	74	96
	Hyderabad	000	0	1	20	05	97	02	0	021	93	1	8	6	0	0	77	99
Khairpur	Pad-i-dan	000	0	0	23	02	97	02	0	014	00	0	0	9	0	0	66	01
	Nawabshah	000	0	0	18	03	97	02	0	024	97	0	0	9	0		71	xx
	Sukkur	000	0	0	36	02	96	00	0	012	97	0	0	9	0	0	74	01
	Kashmore	000	0	3	00	00	99	02	0	011	98	3	1	8	0	0	72	00
	Jacobabad	000	0	0	16	03	97	02	0	018	98	0	0	9	0	0	67	03
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardo																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	0	0	23	05	99	00	0	457	67	0	0	9	0	0	58	71
Peshawar	Drosh	000	0	0	23	10	97	02	0	432	69	0	0	9	0	0	50	94
	Cherat	000	0	0	18	03	98	00	0	478	79	0	0	9	0	0	75	84
	Kakul	000	6	1	18	03	98	01	0	462	78	1	1	7	0	0	63	82
	Landi Kotal	000	0	1	02	03	99	01	0	458	84	1	1	7	0	0	63	88
	Parachinar	000	0	0	00	00	99	00	0	800	8	0	0	9	0	0	69	xx
D.I. Khan	Miranshah	000	0	0	00	00	99	00	0	466	88	0	0	9	0	0	83	99
	Wana	000	0	0	09	03	99	00	0	474	84	0	0	9	0	0	63	87
	Fort Sandeman	000	0	0	00	00	98	02	0	458	91	0	0	9	0	0	46	93
Quetta	Hindubagh	000	0	0	29	05	98	00	0	426	88	0	0	9	0	0	51	87
	Loralai	000	0	0	18	03	98	00	0	424	84	0	0	9	0	0	53	88
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	00	00	96	00	0	472	81	0	0	9	0	0	52	88
	Chaman	000	0	0	31	02	97	00	0	463	91	0	0	9	0	0	57	93
Kalat	Kalat	000	0	0	31	03	97	02	0	458	78	0	0	9	0	0	56	85
	Nushki	000	0	0	18	05	98	00	0	515	97	0	0	9	0	0	66	01
	Dalbandin	000	0	0	05	02	96	02	0	472	98	0	0	9	0	0	35	99
	Panjgur	000	0	0	05	02	98	00	0	479	95	0	0	9	0	0	25	97
Afghanistan	Kabul	000	0	0	18	03	99	00	0	464	80	0	0	9	0	0	64	83
	Kandahar																	

At 0300 Hrs. G.M.T. of date

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form† CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	000	0	7	02	02	96	02	2	029	83	6	4	6	1	0	79	7?
Chittagong	000	0	8	02	02	96	03	1	037	85	3	5	6	2	x	80	80
Maijdee Court	000	9	5	36	02	97	03	1	037	8	3	2	6	2	0	51	81
Comilla	000	0	6	00	00	97	03	1	038	85	6	4	5	0	0	79	76
Brahmanbaria	004	0	4	05	02	97	03	1	042	85	0	0	9	0	5	81	80
Sylhet	000	0	4	09	02	97	01	2	039	87	1	0	9	3	7	71	77
Srimangal	000	0	6	00	00	97	03	1	041	86	2	1	7	0	4	73	74
Mymensingh	000	6	6	09	02	98	02	9	049	86	6	4	6	0	0	76	75
Narayanganj	007	4	7	36	02	96	03	1	038	87	1	0	9	3	9	75	79
Dacca (Tezgaon)	011	4	6	36	02	98	03	6	036	83	2	0	9	3	2	74	75
Faridpur	010	9	7	00	00	97	03	6	034	83	5	5	7	1	0	76	76
Barisal	062	9	6	1	02	97	03	6	036	85	6	0	9	4	0	81	80
Khulna	000	0	6	00	00	97	01	4	040	85	6	5	7	0	0	77	80
Satkhira	041	1	6	05	02	95	03	6	040	83	6	6	8	0	0	76	78
Jessore	008	4	7	05	03	97	03	6	050	83	3	8	6	6	0	77	77
Sirajganj	000	0	8	00	00	96	02	9	028	86	0	0	9	0	5	77	78
Bogra	000	0	5	11	03	96	03	1	046	87	2	0	9	3	1	74	79
Dinajpur	000	0	0	00	00	96	0	0	062	83	0	0	9	0	0	76	78
Rangpur	000	0	3	09	02	96	01	0	xxx	83	3	0	9	1	0	76	78
Jammu																	
Lahore (Jail Rd)	000	0	1	09	02	96	01	0	059	84	1	1	7	0	0	74	77
Sialkot	0.0	0	0	00	00	97	00	0	055	82	0	0	9	0	0	76	78
Jhelum	030	1	0	00	00	96	00	0	059	79	0	0	9	0	0	73	75
Rawalpindi	003	0	1	11	02	99	02	0	049	80	1	0	9	8	0	72	73
Khushab	000	0	0	00	00	97	00	0	053	84	0	0	9	0	0	77	78
Lyallpur	000	9	0	00	00	96	03	9	048	82	0	0	9	0	0	75	76
Montgomery	003	0	0	00	00	96	00	0	054	82	0	0	9	0	0	75	76
Multan	000	0	4	00	00	97	01	1	046	87	3	5	6	0	2	74	82
Leiah																	
Khanpur	000	0	0	25	03	95	02	0	037	85	0	0	9	0	0	77	81
Bahawalpur	000	0	1	00	0	96	02	0	043	82	0	0	9	0	1	73	78
Fort Abbas	077	0	2	00	00	98	02	6	042	82	0	0	9	0	2	73	76
Chakdara	000	0	7	00	00	97	03	1	043	74	7	0	6	6	0	70	70
Peshawar	003	0	1	00	00	96	05	0	059	78	1	4	6	0	0	72	74
Haripur	000	4	6	23	02	97	03	1	034	77	6	0	9	7	0	70	74
Campbellpur	000	0	4	13	02	98	03	0	064	80	4	2	7	0	0	69	76
Bannu	000	0	0	0	00	99	00	0	029	83	0	0	9	0	0	70	77
D. I. Khan	000	0	0	00	00	98	00	0	044	85	0	0	9	0	0	74	78
Sibi	000	0	0	23	02	99	00	0	138	83	0	0	9	0	0	68	82
Nokkundi	000	0	0	07	02	99	2	0	049	79	0	0	9	0	0	25	78
Turbat	0.0	0	0	23	02	95	0	0	041	83	0	0	9	0	0	76	xx
Jiwani	000	0	2	00	00	97	01	0	051	80	2	6	4	0	0	74	75
Pasni	000	0	0	29	02	97	00	0	051	80	0	0	9	0	0	75	76
Ormara	000	0	0	27	09	98	02	0	045	82	0	0	9	0	0	78	78
Las Bela	000	0	0	00	00	98	00	0	061	83	0	0	9	0	0	74	79
Karachi (Manora)	000	0	3	27	09	94	10	1	048	81	3	6	4	0	0	78	77
Karachi (Air Port)	000	0	4	27	07	97	01	1	046	81	2	5	6	0	1	77	79
Badin	000	0	0	23	02	96	00	0	051	80	0	0	9	0	0	76	77
Nagarparkar	000	0	0	18	02	98	00	0	060	80	0	0	9	0	0	69	77
Umarkot	000	0	0	23	05	98	00	0	043	79	0	0	9	0	0	76	76
Hyderabad	000	0	0	20	02	97	02	0	041	81	0	0	9	0	0	75	79
Pad-i-dan	000	0	0	13	07	97	02	0	038	82	0	0	9	0	0	76	78
Nawabshah	000	0	0	18	05	97	02	0	045	82	0	0	9	0	0	79	78
Sukkur	000	0	0	0	00	96	00	0	033	82	0	0	9	0	0	76	81
Kashmore	000	0	0	00	00	99	00	0	039	86	0	0	9	0	0	77	81
Jacobabad	000	0	0	13	02	97	02	0	041	83	0	0	9	0	0	77	81
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardo																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	000	2	7	13	02	97	02	4	485	60	5	5	5	8	0	56	55
Drosh	000	0	0	00	00	98	02	0	476	69	0	0	9	0	0	51	69
Cherat	000	0	0	13	03	98	00	0	480	77	0	0	9	0	0	68	68
Kakul	000	9	0	00	00	97	02	1	483	71	0	0	9	0	0	63	66
Landi Kotal	000	0	0	05	03	98	00	0	465	74	0	0	9	0	0	66	xx
Parachinar	000	0	0	00	00	99	00	0	797	63	4	0	9	0	0	56	xx
Miranshah	000	0	4	00	00	94	02	1	435	74	0	0	8	2	0	67	69
Wana	000	0	0	00	00	99	00	0	462	69	0	0	9	0	0	51	63
Fort Sandeman	000	0	0	13	01	97	02	0	456	77	0	0	9		0	61	68
Hindubagh	000	0	0	31	01	98	00	0	441	68	0	0	9	0	0	28	65
Loralai	000	0	0	27	02	98	00	0	406	65	0	0	9	0	0	51	59
Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	000	0	0	00	00	95	00	0	472	66	0	0	9	0	0	34	59
Chaman	000	0	0	18	01	97	00	0	465	77	0	0	9	0	0	47	67
Kalat	000	0	0	13	05	98	02	0	491	65	0	0	9	0	0	43	55
Nushki	007	0	0	00	00	98	02	0	526	77	0	0	9	0	0	41	71
Dalbandin	000	0	0	13	02	97	02	0	463	71	0	0	9	0	0	19	63
Panjgur	000	0	0	05	02	98	00	0	474	69	0	0	9	0	0	63	65
Kabul	000	0	0	09	02	99	00	0	511	57	0	0	9	0	0	44	47
Kandahar																	

Stations (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	0	+4	115.5	+6.7	131.3	140
Chittagong	+1	+4	93.3	+26.4	125.3	108
Maijdee Court	+5	+4	102.3	+18.4	134.1	115
Comilla	+6	0	62.7	0	88.7	94
Brahmanbaria	—	—	44.9	−2.5	70.9	76
Sylhet	—	—	137.1	—	175.1	—
Srimangal	+4	0	65.7	+7.5	77.8	98
Mymensingh	+6	+2	69.7	+7.2	91.8	91
Narayanganj	+7	+1	58.1	+10.3	79.5	74
Dacca (Tezgaon)	—	—	61.8	—	77.2	—
Faridpur	+5	−2	60.1	+13.7	80.5	71
Barisal	+5	+2	96.9	+41.0	111.8	81
Khulna	+4	+3	65.8	+17.4	86.7	68
Satkhira	+5	+2	46.3	+0.7	64.4	65
Jessore	—	—	46.0	+2.4	96.2	65
Sirajganj	+6	+1	59.9	+15.3	84.3	64
Bogra	+5	+2	59.4	+9.8	78.5	69
Dinajpur	+7	+1	33.0	−22.5	50.3	72
Rangpur	+6	+2	49.3	−11.7	69.2	84
Jammu						—
Lahore (Jail Rd)	−5	+9	21.8	+7.3	25.6	19
Sialkot	−3	+8	49.6	+26.2	55.0	32
Jhelum	—	—	36.4	—	46.7	—
Rawalpindi	−1	+8	36.0	+12.7	49.1	36
Khushab	−3	+7	14.3	+4.2	19.9	15
Lyallpur	−6	+6	14.5	+5.3	17.3	12
Montgomery	−6	+4	6.1	−0.3	8.4	10
Multan	0	+9	5.9	+1.0	8.0	7
Leiah	—					8
Khanpur	+2	+8	0.5	−4.3	1.3	6
Bahawalpur	+2	+8	5.4	+1.2	6.4	6
Fort Abbas	—	—	8.9		9.2	4
Chakdara	—	—	9.9	—	23.5	—
Peshawar	+1	+7	8.4	+4.0	22.3	14
Haripur	—	—	19.6	—	30.5	—
Campbellpur	—	—	21.6	—	35.5	—
Bannu	—	—	12.1	—	19.1	11
D. I. Khan	0	+7	10.2	+4.8	13.9	10
Sibi	—	—	3.4	—	4.1	5
Nokkundi	—	—	0	—	1.1	2
Turbat	—	—	2.9	—	7.3	—
Jiwani	—	—	0.3	—	5.9	4
Pasni	−2	+5	0.6	−0.3	3.2	6
Ormara	—	—	1.7	+0.9	4.2	6
Las Bela	—	—	6.6	—	6.8	8
Karachi (Manora)	+3	+1	16.5	+10.5	16.5	8
Karachi (Air Port)	—	—	22.6	—	22.9	—
Badin	−2	+3	11.2	+4.0	11.2	9
Nagarparkar	—	—	38.0	—	38.0	—
Umarkot	—	—	15.8	—	19.5	—
Hyderabad	0	+4	14.6	+8.6	15.4	7
Pad-i-dan	—	—	7.3	—	7.5	—
Nawabshah	—	—	6.4	—	7.1	—
Sukkur	—	—	3.5	—	4.6	4
Kashmore	—	—	2.0	—	2.3	—
Jacobabad	−1	+8	3.8	+1.5	4.5	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
HILL STATIONS						
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						26
Leh						3
Skardo						6
Misgar						—
Aliabad						—
Gilgit						5
Murree	+1	+2	50.3	+14.9	75.5	59
Drosh	+10	+9	1.3	—	30.5	18
Cherat	+1	+5	20.1	+8.2	30.1	29
Kakul	—	—	48.5	—	53.2	—
Landi Kotal	—	—	3.9	—	26.4	—
Parachinar	—	—	13.9	—	27.7	29
Miranshah	—	—	2.7	—	5.7	13
Wana	—	—	5.1	—	14.1	—
Fort Sandeman	+3	+7	7.2	+2.2	15.9	11
Hindubagh	—	—	4.6	—	12.6	—
Loralai	—	—	7.1	—	13.0	—
Harnai	—	—	8.4	+1.0	12.7	14
Quetta	—	—	4.7	+3.7	10.2	8
Chaman	+6	+8	0.1	0	6.2	7
Kalat	+5	+11	6.3	+5.1	11.0	9
Nushki	—	—	1.1	—	2.9	—
Dalbandin	+2	+5	0.2	−0.1	2.3	5
Panjgur	+3	+4	2.5	—	4.1	4
Kabul	—	—	—	—	—	12
Kandahar						—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day.
Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 28th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_hh_hC_MC_H$	D_aV_aa PP	8 N, Ch, h_s	O T, T_s T_d	$Id_ad_aPH_a$
	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Berenice	13 194	583 06	1 19 12	99 83 0	112 79	14 6 00	55 72 7		0 52 72	1 19 22
Rawand	13 163	674 04	3 27 11	98 02 2	117 81	38 6 00	68 11 0		0 02 72	1 27 34
Berenice	13 188	579 09	0 19 10	98 02 0	086 79	00 9 00	55 72 4		0 52 72	1 19 21
British Resource	13 232	592 12	0 10 04	98 02 0	035 86	00 9 00	35 61 2		0 01 76	1 49 x2
Berenice	13 182	574 12	0 21 10	99 02 0	072 77	00 9 00	55 71 6		0 00 72	1 21 21
Calcos Arnhem	13 203	625 12	5 24 13	98 02 1	063 81	51 4 00			0 50 72	1 24 24
Berenice	13 176	548 15	0 20 06	98 02 0	074 75	00 9 00	55 20 4		0 52 72	1 20 x1
Dumra	13 248	652 18	1 27 05	98 02 0	064 79	11 3 00	55 01 0		0 53 75	
Berenice	13 172	522 18	0 20 10	98 02 0	085 77	00 9 00	55 20 9		0 02 73	1 38

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T^{e}T$_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTT T^{e}T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca		00 00	002 268 225	027 248 999	...	410 192 999	...	084 058 999	346 022 999	498 552 999	519 648 999	964 792	241 002	413 142	...
Jiwani														
Karachi		00 00	001 272 242	029 275 245	..	400 245 172	..	133 162 138	419 075 999	895 515 999	643 605 999	980 742	263 945	...	...
Lahore		01 00	980 245 235	038 xxxxxx	...	416 150 999	...	010 005 999	225 595 999	607 692 999	243 765 999	928 842	...	...	...
Multan															
Peshawar		23 00	961 255 235	...	...	410 225 195	...	098 132 072	378 072 601	857 515 999	598 628 999	973 768	255 942	...	...

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTT T^{e}T$_d$T^e							Max. Height Reached PPPTTT T$_d$T$_d$T^e	TROPOPAUSE SI. HHHH TT	SI. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca		90 00	...	...	...	...	...	...	...	...	150 142 999	...	..
Jiwani													
Karachi		00 00	900 252 215	800 212 072	...	...	...	...	...	...	800 212 072	...	...
Lahore		01 00	900 192 178	830 102 999	690 000 999	350 795 999	285 940 999	...	...	...	285 860 999	...	...
Multan													
Peshawar		23 00	900 255 225	800 195 175	350 692 999	250 858 999	191 955 999	...	...	...	191 955 999	...	...
Quetta													

PPP—Pressure in hundreds tens and units of millibars.
TTT; T^{e}T$_d$T^e: Dry Bulb; Dew Point temperatures(in tenths of oC.)
Br=Character of tropopause.

HHH, HHHH (heights)—Tens of geopotential m
TT—Dry bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	08 04	08 07	09 10	10 13	09 13	08 12	10 10	05 11	06 07	10 17	08 16	07 13	08 08	07 11	05 15	09 07	09 12	08 12	06 15	07 11	09 13	16 10	13 14	12 18	...	...
Chiklala	28 03	28 03	29 04	33 05	33 03	01 03	05 17	03 23	03 25	...	07 07	13 10	13 06	29 02	...	...	...	...	...	...	...	...	...	...	...	...
Chhor	23 08	23 09	23 08	20 05	04 12	...	...	...	...	24 13	20 08	17 07	10 07	10 08	12 11	23 06	19 10	18 12	15 08	12 08	10 08	09 13	06 20	07 17	18 13	...
Chittagong	31 04	12 06	11 12	08 15	09 21	12 28	...	...	...	02 10	02 09	02 07	07 09	1 14	...	01 06	02 06	09 06	05 09	06 11	12 23	...	...	...	...	...
Cox's Bazar	02 05	09 08	13	...	...	...	...	...	...	04 13	84 16	10 18	13 27	...	...	03 03	08 03	09 06	11 17	...	...	...	...	...	...	...
Dacca	10 04	13 04	12 07	12 13	10 14	10 15	09 12	09 18	08 10	03 10	04 09	09 07	09 08	08 09	08 11	03 07	04 06	0 04	08 12	07 17	09 13	10 18	11 06	...	...	...
Dalbandin	...	...	04 04	09 07	03 09	03 09	18 03	07 26	07 31	...	...	...	06 05	32 04	28 02	...	...	0 08	07 09	30 03	24 06	11 15	08 26	07 23	06 18	08 11
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	22 13	21 09	19 12	17 07	03 03	...	...	...	24 01	25 04	22 06	...	...	...	...	23 05	31 03	34 06	22 05	20 07	31 01	24 14
Port Sandeman	...	...	...	...	02 03	02 03	33 04	03 24	03 21	04 24	...	...	18 03	31 03	36 11	...	...	...	04 03	31 01	04 02	06 15	04 11	05 10	04 16	28 05
Sacrband	16 04	19 04	17 03	04 04	01 10	35 09	05 19	05 25	04 23	29 15	23 11	23 10	20 05	18 07	34 12	21 03	19 03	18 04	22 05	01 09	05 13	05 25	06 29	06 25	...	...
Sargodha	23 06	26 01	05 07	06 09	...	...	...	...	...	34 24	01 12	07 09	1 06	09 07	10 19	06 07	05 07	05 07	...	...	...	...	...	...	...	...
Sialkot	15 01	33 03	33 02	33 02	05 04	03 09	04 16	02 24	22 29	10 05	21 05	16 05	12 03	20 04	30 01	13 01	12 03	12 04	12 04	14 02	08 01	05 07	07 10	09 16	03 13	...
Siwani	21 18	23 06	11 08	05 06	...	...	...	...	...	18 06	19 06	23 02	30 01	...	...	16 04	17 01	24 02	36 06	...	...	...	...	...	...	...
Karachi	26 19	27 13	27 11	...	...	...	...	...	...	29 13	29 14	29 11	...	...	...	26 16	27 15	28 13	...	...	...	...	...	...	...	...
Khanpur	33 03	28 04	25 04	09 03	35 05	36 08	...	...	...	24 25	24 12	26 12	25 11	26 08	25 05	24 11	23 08	25 07	22 03	21 07	06 03	...	...	...	...	...
Lahore	33 01	36 04	01 04	04 04	...	...	...	...	...	11 05	11 07	12 07	12 08	08 07	08 06	10 04	11 04	13 10	13 12	14 12	13 10	05 05	08 10	09 13	...	...
Multan	14 02	08 02	06 03	...	...	...	...	...	...	15 13	17 06	19 03	26 05	27 04	32 05	11 04	12 04	12 05	27 02	23 02	07 11	05 26	...	...	...	...
Muscat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	...	05 05	14 03	19 03	30 06	33 10	02 13	03 18	02 23	...	35 07	35 03	25 03	15 06	31 13	...	35 02	22 03	19 04	15 03	16 01	01 06	28 02	15 06	32 04	31 09
Quetta	...	...	...	...	30 05	31 05	05 22	07 18	06 20	...	...	...	...	32 04	31 17	...	...	...	...	31 04	10 05	04 10	05 11	06 12	06 02	30 07
Shahjahanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	10 16	11 15	11 15	11 14	10 15	10 12	09 05	...	...	09 13	09 19	10 14	07 05	08 08	10 08	09 26	09 28	09 27	09 20	08 13	11 11	10 08	11 03	23 04	...	...
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* The actual time of observations may vary within half an hour of the so called time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height (sgp .' Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	03 10	08 04	08 06	01 11	06 13	09 12	12 12	15 09	15 09	14 07	28 14	30 15	28 15	...	...	...	...	...
Karachi	28 25	28 17	28 14	33 03	05 13	07 19	04 21	07 29	07 29	06 08	03 12	04 04	07 03	05 03	...	...	...	29 03
Peshawar	...	32 07	23 01	26 01	33 01	31 07	03 13	03 08	09 06	33 11	32 15	29 31	29 24	29 31	...	...	...	...
Quetta																		

*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

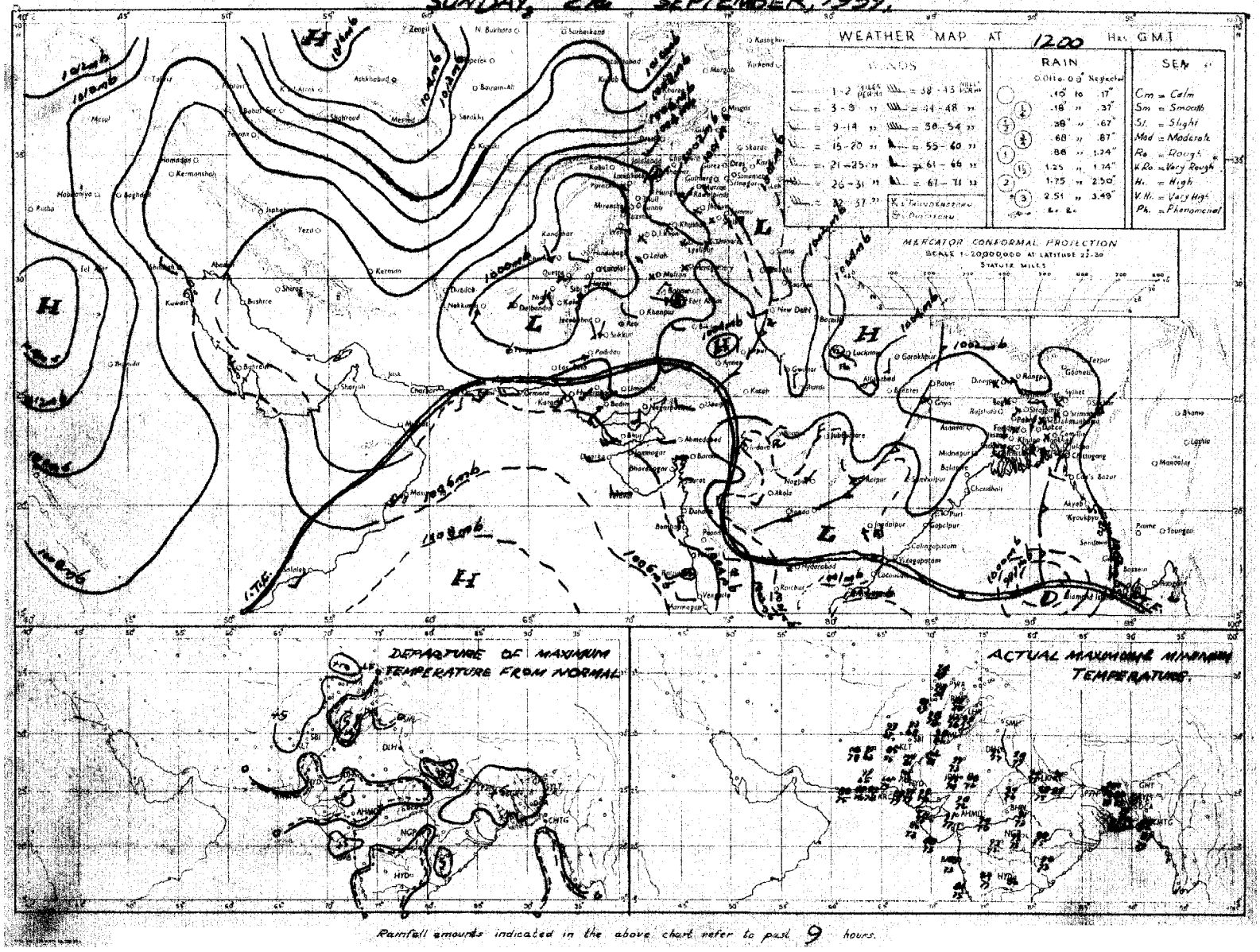
Cloud observation Data (GGiii Cdd V,V, etc.)

05 675 30 614

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

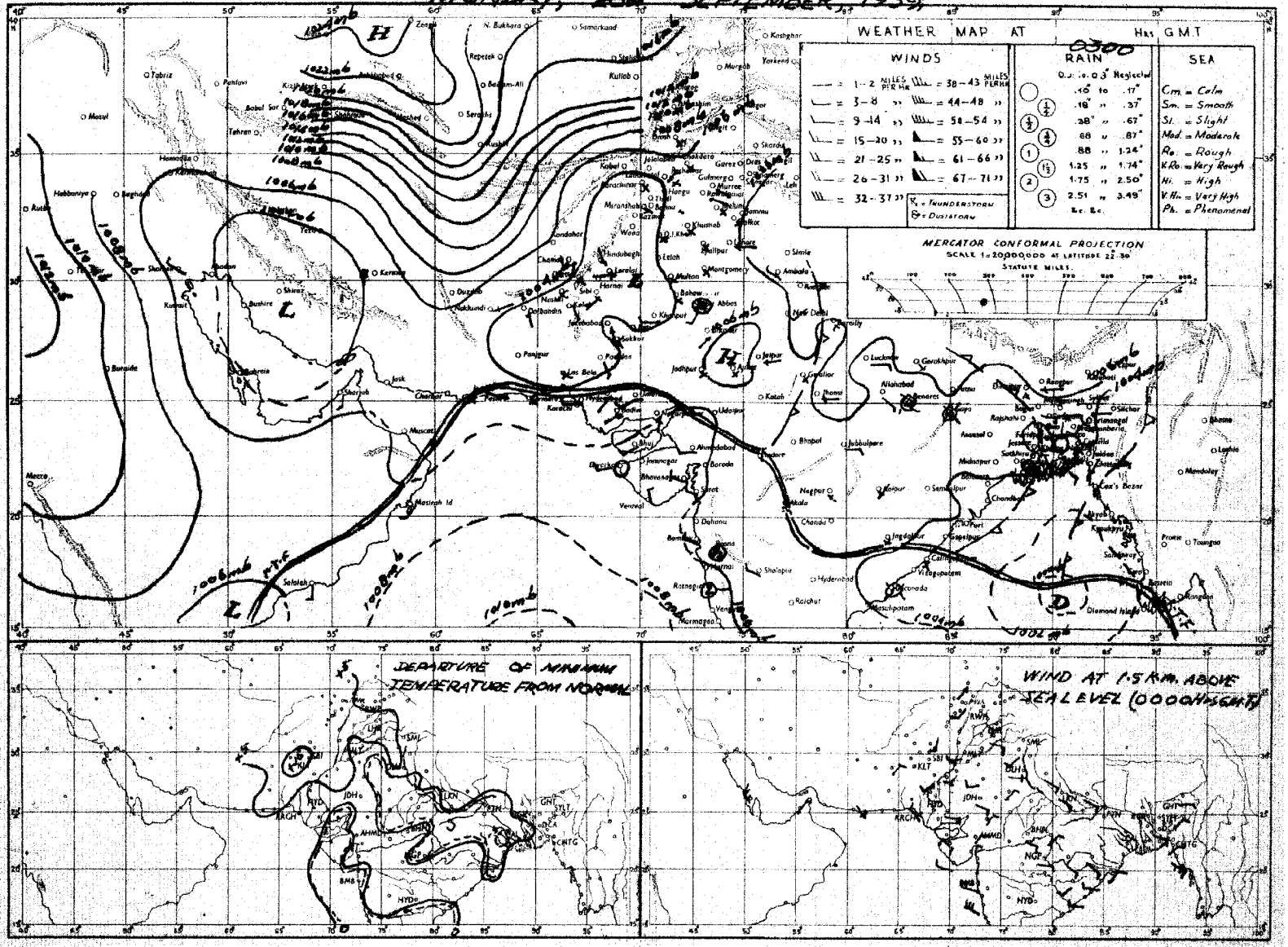
SUNDAY, 27th SEPTEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

MONDAY, 28th SEPTEMBER, 1959



Rainfall amounts indicated in the above chart refer to past 24 hours.

Monthly Subscription

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Reg. No. S-1457
Volume No. 13

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 29th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Ships observations are lacking but believe yesterday's deep depression moved northwestwards and lies at 29,0300 G.M.T. within one degree of latitude 18.5°N and longitude 89.5°E. It is likely to continue move northwestwards initially.

Fairly widespread rain/thundershowers have occurred in Dacca division, local in Rajshahi division and scattered in Chittagong division.

Yesterday's low pressure wave over Rawalpindi division moved away eastwards while a fresh one is moving across Peshawar division. They have caused scattered rain in Peshawar division and isolated thunderstorms in Bahawalpur division.

Chief amounts of rainfall are:- Barisal 4"; Satkhira 3"; Faridpur 3/4"; Maijdee Court, Narayanganj and Jessore ½" each and Chittagong 1/4".

Day temperatures were:- 3—6°F above normal in East Pakistan, north Kalat and Quetta divisions and were 3—5°F below normal in Hyderabad, Peshawar, Rawalpindi, Lahore and Multan divisions.

Forecast valid until the evening of 30th September, 1959. Fairly widespread rain/thundershowers will occur in East Pakistan and scattered thunderstorm/showers in Peshawar, Rawalpindi, Lahore, D. I. Khan and Multan divisions and Kashmir.

Heavy Rainfall Warning : Locally heavy rain will fall in Dacca and Chittagong divisions during next 24 hours.

Karachi-11
The 29th September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	005	6	6	16	03	95	03	6	003	84	7	4	7	2	x	77	88
	Chittagong	000	0	8	03	00	xx	xx	x	004	80	8	7	5	x	x	76	90
	Maijdee Court	000	9	5	00	00	95	03	1	000	88	3	2	6	2	0	80	90
	Comilla	003	0	8	00	00	95	02	2	011	87	8	4	5	x	x	xx	93
	Brahmanbaria	000	0	3	03	00	97	03	0	004	89	3	0	9	7	0	82	92
	Sylhet	000	0	2	09	07	97	02	0	005	84	1	1	6	3	1	73	91
	Srimangal	000	0	3	00	00	95	01	6	007	73	8	5	6	x	x	77	91
Dacca	Mymensingh	000	0	4	02	00	98	02	1	010	83	0	0	9	0	4	77	92
	Narayanganj	000	9	7	13	02	95	03	0	002	86	7	0	8	7	0	77	94
	Dacca (Tezgaon)	001	6	7	36	02	97	03	2	996	86	3	3	5	8	1	79	91
	Faridpur	000	8	6	00	00	96	02	1	998	89	6	4	7	0	0	81	96
	Barisal	196	0	8	16	10	96	07	3	007	80	6	4	7	7	x	78	90
Rajshahi	Khulna	011	3	8	00	00	95	01	6	077	78	8	5	6	x	x	77	91
	Satkhira	150	0	8	00	00	94	03	6	005	76	x	x	x	x	x	75	91
	Jessore	000	0	:	36	02	96	03	2	012	83	8	4	5	x	x	79	91
	Sirajganj	000	0	8	00	00	96	02	1	988	87	0	0	9	6	4	79	94
	Bogra	000	0	5	00	00	96	02	1	005	87	0	0	9	0	2	79	93
	Dinajpur	000	6	0	00	00	96	02	2	998	87	0	0	9	0	0	77	94
	Rangpur	000	0	3	09	02	96	01	0	xxx	90	1	1	6	1	0	76	93
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	0	1	00	00	96	01	0	016	92	1	1	7	0	2	70	95
	Sialkot	000	0	0	00	00	97	00	0	007	90	0	0	9	0	0	76	93
Rawalpindi	Jhelum	000	0	1	00	00	97	01	0	010	92	1	1	7	0	0	76	96
	Rawalpindi	000	0	0	00	00	99	00	0	015	90	0	0	9	0	0	73	94
	Khushab	000	0	2	00	00	99	01	1	021	93	0	0	9	0	2	73	95
Multan	Lyallpur	003	0	6	05	02	96	02	0	013	91	6	0	9	5	0	72	02
	Montgomery	000	0	0	00	00	96	00	0	007	92	0	0	9	0	0	68	95
	Multan	000	0	4	13	02	98	02	1	004	97	2	1	6	0	4	71	98
Bahawalpur	Leiah	000	0	2	00	00	97	01	2	034	95	0	0	9	0	2	81	98
	Khanpur	000	0	4	23	05	95	05	0	002	97	0	0	9	0	8	79	02
	Bahawalpur	000	0	5	00	00	97	03	0	012	96	5	0	8	3	0	72	00
	Fort Abbas	000	0	0	02	02	98	00	0	997	93	0	0	9	0	0	90	00
Peshawar	Chakdara	000	0	1	27	02	98	01	1	988	89	1	1	7	0	0	71	90
	Peshawar	003	0	1	36	03	97	02	0	009	91	1	2	6	0	0	75	93
	Haripur	000	0	0	23	02	97	00	0	992	90	0	0	9	0	0	80	92
	Campbellpur									...							—	...
D. I. Khan	Bannu	000	0	0	13	01	99	00	0	012	91	0	0	9	0	0	70	94
	D. I. Khan	000	6	2	00	00	98	03	0	999	98	0	0	3	8	2	75	00
Quetta	Sibi	000	0	0	18	02	99	00	0	996	4	0	0	9	0	0	60	05
	Nokkundi	000	0	0	34	02	97	02	0	000	95	0	0	9	0	0	27	01
Kalat	Turbat	000	0	0	23	02	96	00	0	012	03	0	0	9	0	0	75	04
	Jiwani	000	0	4	23	10	97	03	0	030	8	4	6	4	0	0	76	88
	Pasni	000	0	0	25	17	97	00	0	022	85	0	0	9	0	0	79	89
	Ormara	000	0	0	27	09	98	02	6	016	86	0	0	9	0	0	77	87
	Las Bela	000	0	0	00	00	98	00	0	036	87	0	0	9	0	0	76	01
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	3	27	10	97	02	0	025	87	3	0	9	4	0	80	89
	Karachi (Air Port)	000	0	2	25	12	96	01	1	025	86	2	4	5	0	0	77	89
	Badin	000	0	0	23	02	97	00	0	035	91	0	0	9	0	0	87	93
	Nagarparkar																	
	Umarkot	000	0	2	23	05	98	02	0	006	94	2	1	6	0	0	72	97
	Hyderabad	000	0	1	18	05	97	01	0	016	91	1	5	6	0	0	75	94
Khairpur	Pad-i-dan	000	0	0	13	07	97	02	0	007	96	0	0	9	0	0	69	98
	Nawabshah	000	0	0	19	03	97	02	0	017	93	0	0	9	0		73	96
	Sukkur	000	4	2	09	03	96	01	0	000	99	0	0	9	0	8	74	03
	Kashmore	000	0	8	00	00	98	02	2	008	99	4	1	7	4	x	71	00
	Jacobabad	000	0	1	13	07	97	03	0	005	97	1	0	9	3	0	72	03
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	8	27	02	96	03	4	460	56	8	9	3	x	x	xx	67
Peshawar	Drosh	000	0	1	23	10	98	03	0	426	80	1	2	7	0	0	50	92
	Cherat	014	6	0	18	01	98	02	6	477	79	0	0	9	0	0	76	80
	Kakul	000	8	2	27	02	98	01	1	456	76	2	2	7	0	0	65	82
	Landi Kotal	000	0	1	13	03	98	01	0	452	82	1	1	7	0	0	65	85
	Parachinar	000	0	3	13	02	99	02	0	799	78	3	0	9	3	0	65	xx
D. I. Khan	Miranshah	000	0	0	00	00	99	00	0	446	88	0	0	9	0	0	84	90
	Wana	000	1	2	11	05	99	02	3	434	83	2	2	7	0	0	61	88
	Fort Sandeman	000	0	1	22	03	98	03	0	448	91	0	0	9	0	3	46	93
Quetta	Hindubagh	000	0	0	29	04	98	00	0	403	88	0	0	9	0	0	37	88
	Loralai	000	0	3	18	02	96	01	0	428	84	3	2	8	0	0	50	80
	Harnai	001	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	1	27	09	98	02	0	435	87	1	1	6	0	0	35	88
	Chaman	000	0	0	27	02	97	00	0	451	91	0	0	9	0	0	58	93
	Kalat	000	0	0	34	05	98	02	0	447	79	0	0	9	0	0	48	84
	Nushki	000	0	0	31	11	98	02	0	515	96	0	0	9	0	0	63	00
Kalat	Dalbandin	000	0	0	13	02	98	02	0	461	98	0	0	9	0	0	29	00
	Panjgur	000	0	0	31	04	98	00	0	471	93	0	0	9	0	0	23	94
Afghanistan	Kabul																	
	Kandahar																	

At 0300 Hrs. G.M.T. of date

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F. TdTd (35)	Minimum Temperature °F TnTn (36)
Cox's Bazar	000	9	8	11	03	95	60	6	018	78	7	4	6	1	x	74	76
Chittagong	024	9	8	02	02	96	03	6	021	8	8	6	6	x	x	79	75
Maijdee Court	050	9	8	00	00	97	03	6	029	81	8	8	9	2	x	77	75
Comilla	000	0	8	00	00	97	03	2	040	87	8	4	5	x	x	77	77
Brahmanbaria	...	—															
Sylhet	000	0	6	09	09	97	02	1	034	84	1	2	6	6	8	71	80
Srimangal	000	0	6	00	00	97	03	1	033	85	2	4	6	6	2	74	76
Mymensingh	000	0	4	09	02	98	02	1	038	88	2	4	6	0	4	73	80
Narayanganj	065	9	8	00	00	96	03	6	027	80	8	0	8	7	x	78	77
Dacca (Tezgaon)	000	5	7	00	[illegible]	97	21	9	026	79	1	1	5	2	0	76	77
Faridpur	174	5	7	00	00	97	03	9	026	79	7	7	3	0	0	77	75
Barisal	447	9	8	13	04	97	63	6	029	80	8	0	8	7	x	77	76
Khulna	010	0	6	05	05	97	01	6	028	84	6	5	7	0	0	76	75
Satkhira	335	0	6	00	00	97	03	6	023	82	6	6	8	0	0	76	75
Jessore	052	7	8	36	05	6	03	6	025	82	8	7	5	x	x	77	75
Sirajganj	000	0	8	03	02	96	02	2	020	85	0	0	9	0	4	76	80
Bogra	000	0	6	07	05	96	01	2	033	85	5	0	9	2	2	76	79
Dinajpur	000	0	0	00	03	96	00	0	039	86	0	0	9	0	0	77	78
Rangpur	000	0	2	09	05	96	01	1	xxx	86	1	0	9	1	1	76	xx
Jammu																	
Lahore (Jail Rd)	000	4	1	13	02	96	01	1	053	85	1	1	7	0	0	75	78
Sialkot	000	0	0	00	00	97	00	0	077	84	0	0	9	0	0	77	79
Jhelum	000	2	2	05	02	96	01	2	052	82	2	1	7	0	0	75	77
Rawalpindi	003	0	5	07	02	98	03	1	043	81	5	1	8	0	0	73	74
Khushab	000	0	2	00	00	99	02	1	051	85	2	2	6	0	0	74	79
Lyallpur	000	0	0	00	00	96	00	0	050	83	0	0	9	0	0	73	76
Montgomery	000	0	0	00	00	96	00	0	045	83	0	0	9	0	0	74	76
Multan	008	0	0	23	03	98	02	0	037	83	0	0	9	0	0	73	81
Leiah	000	0	1	13	02	98	01	0	028	85	1	6	8	0	0	73	78
Khanpur	000	0	0	29	03	75	02	0	005	85	0	0	9	0	0	76	79
Bahawalpur	000	0	0	00	00	97	00	0	044	83	0	0	9	0	0	72	78
Fort Abbas	000	0	0	25	02	98	00	0	043	83	0	0	9	0	0	76	79
Chakdara	000	0	4	00	00	99	03	0	032	83	4	0	8	4	0	67	70
Peshawar	003	0	6	29	02	95	05	0	044	80	5	6	7	3	0	74	76
Haripur	000	3	3	23	02	97	03	0	029	79	3	0	9	3	0	70	74
Campbellpur	000	0	4	13	02	98	01	0	056	82	4	0	9	2	0	75	76
Bannu	000	2	2	0	00	99	02	0	025	82	2	4	6	0	0	72	78
D. I. Khan	000	2	1	05	02	98	01	1	041	86	0	0	9	0	1	74	78
Sibi	000	0	0	00	00	99	00	0	042	83	0	0	9	0	0	71	82
Nokkundi	000	0	0	23	02	97	02	0	073	73	0	0	9	0	0	37	70
Turbat	000	0	0	23	02	95	00	0	033	83	0	0	9	0	0	77	xx
Jiwani	000	0	3	00	00	97	02	0	058	79	3	6	4	0	0	75	76
Pasni	000	0	0	29	02	97	00	0	058	79	0	0	9	0	0	76	76
Ormara	000	0	6	27	02	98	02	1	056	82	6	0	9	2	0	79	79
Las Bela	000	0	0	00	00	98	00	0	062	84	0	0	9	0	0	74	79
Karachi (Manora)	000	0	4	00	00	96	01	1	056	83	4	0	9	4	0	79	80
Karachi (Air Port)	000	0	3	23	05	96	03	0	053	81	3	0	9	3	0	77	78
Badin	000	0	0	23	02	96	00	0	062	80	0	0	9	0	0	79	79
Nagarparkar																	
Umarkot	000	0	0	20	02	98	00	0	046	81	0	0	9	0	0	77	76
Hyderabad	000	0	0	18	03	97	02	0	049	81	0	0	9	0	0	75	78
Pad-i-dan	000	0	1	13	05	97	01	0	044	82	1	0	9	1	0	75	78
Nawabshah	000	0	0	18	05	96	02	0	049	80	0	0	9	0	0	77	77
Sukkur	000	9	1	2	02	96	01	0	034	83	0	0	9	0	3	76	81
Kashmore	000	0	0	00	00	99	00	0	035	86	0	0	9	0	0	74	79
Jacobabad	000	0	0	13	03	97	02	0	041	86	0	0	9	0	0	77	82
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar																	
Gulmarg																	
Sonamarg																	
Dras																	
Leh																	
Skardu																	
Misgar																	
Aliabad																	
Gilgit																	
Murree	000	9	9	00	00	90	49	1	486	59	9	x	0	x	x	58	56
Drosh	000	1	5	00	00	97	03	0	473	71	3	2	7	3	0	57	70
Cherat	014	0	0	18	01	98	00	0	472	71	0	0	9	0	0	69	66
Kakul	000	3	1	16	02	97	01	0	477	72	1	4	7	0	0	63	66
Landi Kotal	000	0	1	16	02	98	03	0	466	75	1	1	7	0	0	67	xx
Parachinar	000	0	0	00	00	99	00	0	797	64	0	0	9	0	0	55	xx
Miranshah	000	0	4	00	00	99	02	1	449	74	4	0	8	4	0	69	71
Wana	...	—	...														
Fort Sandeman	000	0	0	00	00	97	02	0	477	77	0	0	9	0	0	62	69
Hindubagh	000	0	0	00	00	98	00	0	461	64	0	0	9	0	0	34	63
Loralai	000	0	0	27	05	98	00	0	424	64	0	0	9	0	0	36	68
Harnai	000	0	0	09	01	96	00	0	xxx	xx	0	0	9	0	0	xx	xx
Quetta	000	0	0	00	00	96	00	0	463	65	0	0	9	0	0	41	49
Chaman	000	0	0	18	02	97	00	0	469	74	0	0	9	0	0	46	63
Kalat	000	0	0	00	00	98	02	0	486	63	0	0	9	0	0	40	48
Nushki	000	0	0	09	02	98	02	0	522	73	0	0	9	0	0	50	69
Dalbandin	000	0	0	07	03	96	02	0	464	69	0	0	9	0	0	34	63
Panjgur	000	0	0	00	00	98	00	0	468	70	0	0	9	0	0	41	66
Kabul								0									
Kandahar																	

Departure from Normal of / Rainfall

Stations (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	+1	+1	115.5	+6.3	131.3	140
Chittagong	+3	−1	93.5	+16.3	135.5	108
Maijdee Court	+3	−2	102.8	+21.6	134.6	115
Comilla	+5	+1	62.7	−0.3	88.7	94
Brahmanbaria	—					76
Sylhet	—	—	137.1	—	175.1	—
Srimangal	0	+2	65.7	+7.2	77.8	98
Mymensingh	+5	+3	69.7	+6.9	91.8	91
Narayanganj	+6	−1	58.8	+10.7	80.1	74
Dacca (Tezgaon)	—	—	61.8	—	77.2	—
Faridpur	+9	−3	60.9	+14.2	89.3	71
Barisal	+3	−2	101.4	+45.2	116.2	81
Khulna	+3	−2	65.9	+17.5	86.8	68
Satkhira	+4	−1	49.7	+5.9	67.7	65
Jessore	—	—	46.5	+2.7	96.7	65
Sirajganj	+6	+3	59.9	+15.0	84.3	64
Bogra	+3	+2	59.4	+9.5	78.5	69
Dinajpur	+6	+1	33.0	−22.7	50.3	72
Rangpur	+5	—	49.3	−12.0	69.2	84
Jammu						—
Lahore (Jail Rd)	0	+11	21.8	+7.3	25.6	19
Sialkot	−2	+9	49.6	+16.1	55.0	32
Jhelum	—	—	36.4	—	46.7	—
Rawalpindi	+1	+9	36.0	+12.7	49.1	36
Khushab	−3	+8	14.3	+4.2	19.9	15
Lyallpur	+4	+3	14.5	+5.3	17.3	12
Montgomery	−4	+3	6.1	—	8.4	10
Multan	0	+8	5.9	+1.0	8.0	7
Leiah	—	—	5.0	—	6.9	8
Khanpur	+2	+7	0.5	−4.5	1.3	6
Bahawalpur	+1	+8	5.4	+1.2	6.4	6
Fort Abbas	—	—	8.8	—	9.2	4
Chakdara	—	—	9.9	—	25.5	—
Peshawar	0	+9	8.4	+4.0	22.3	19
Haripur	—	—	19.6	—	30.5	—
Campbellpur		—	21.6	—	35.5	—
Bannu	—	—	12.1	—	19.1	11
D. I. Khan	+2	+7	10.2	+4.8	13.9	10
Sibi	—	—	3.4	—	4.1	5
Nokkundi	—	—	0		1.1	2
Turbat	—	—	2.9	—	7.3	—
Jiwani	—	—	0.3	—	5.9	4
Pasni	−2	+5	0.6	−0.3	3.2	6
Ormara	—	—	1.7	+0.9	4.2	6
Las Bela	—	—	6.6	—	6.6	8
Karachi (Manora)	+8	+4	16.5	+10.5	16.5	8
Karachi (Air Port)	—		22.6	—	22.9	—
Badin	−3	+5	11.2	+4.0	11.2	9
Nagarparkar						—
Umarkot	—	—	18.8	—	19.5	—
Hyderabad	−5	+3	14.6	+8.6	15.4	7
Pad-i-dan	—	—	7.3	—	7.5	—
Nawabshah	—	—	6.4	—	7.1	—
Sukkur	—	—	3.5	—	4.6	4
Kashmore	—	—	2.0	—	2.1	—
Jacobabad	−1	+9	3.8	+1.5	4.5	4
Veraval						20
Jalalabad						—
Muscat						4
Kuwait						—
HILL STATIONS						
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						26
Leh						3
Skardu						6
Misgar						—
Aliabad						—
Gilgit						5
Murree	−3	+3	50.3	+24.9	75.5	59
Drosh	+8	+10	1.3	—	30.5	18
Cherat	−3	+3	20.3	+8.3	30.3	29
Kakul	—	—	48.5	—	53.2	—
Landi Kotal	—	—	3.3	—	26.4	—
Parachinar	—	—	13.9	—	27.7	29
Miranshah	—	—	2.7	—	5.7	13
Wana	—					—
Fort Sandeman	+3	+8	7.2	+2.2	15.9	11
Hindubagh	—	—	4.6	—	12.6	—
Loralai	—	—	7.1	..	13.0	—
Harnai	—	—	8.4	+2.0	12.7	14
Quetta	—	—	4.7	+3.7	10.2	8
Chaman	+6	+4	0.1	0	6.2	7
Kalat	+4	+4	6.3	+5.1	11.0	9
Nushki	—	—	1.1	—	2.9	—
Dalbandin	+3	+5	0.2	−0.1	2.2	5
Panjgur	0	+5	2.5	—	4.1	4
Kabul						12
Kandahar						—

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.

** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

†† RRR at 0300 hrs. G. M. T. is rainfall since 0300 hrs. G. M. T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G. M.T. of the same day

Whenever 999 is given for RRR see the summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 29th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L.L.L.	L.L.L. GG	N dd ff	VV ww W	PPP TT	NsCLhCMCH	DsVs a PP	8 Ns Ch hs	O Ts Ts Td Td	Idwdw PH.
	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Berenice ...	23 159	532 06	2 20 06	98 22 0	085 81	21 5 00	55 22 0	...	0 04 78	1 20 21
Berenice ...	23 152	518 12	3 18 12	97 03 0	040 81	32 6 00	55 71 7	...	0 09 79	1 16 43
Berenice ...	23 148	511 18	4 19 15	99 03 0	046 82	66 4 00	2 8	...	0 09 79	1 19 21
Berenice ...	23 145	504 18	0 19 05	98 01 1	070 82	08 9 00	2 2	...	0 06 72	1 19 x1

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100mb
			At surface and Standard Isobaric Levels HHHTTT TdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	23 00	001 282 265	016 265 235	...	410 185 168	...	072 085 055	331 015 518	782 558 595	502 658 692	962 792	239 015	420 172	...
Jiwani ...														
Karachi ...	00 00	001 262 242	035 262 262	..	430 198 182	.	103 095 078	635 058 028	802 595 672	394 678 999	950 775	233 930	—	...
Lahore ...	00 00	—	Misda	...	—	...	—	...	.	...	...	.	...	...
Multan ...														
Peshawar ...														
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE St. HHHH TT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	23 00	900 212 188	800 142 125	579 002 532	350 712 748	250 898 952	—	...	...	...	250 898 952	...	.
Jiwani ...													
Karachi ...	00 00	900 212 212	800 182 098	..	..	—	—	...	—	—	800 182 098	—	—
Lahore ...	00 00		Misda	—	..	—	—	—	—	—	...	—	—
Multan ...													
Peshawar ...													
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures(in tenths of oC.)
St-Character of tropopause.

HHH, HHHH (heights) - Tens of geopotential metres.
TT—Dry Bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

At 1200 hrs. G.M.T. of Previous day (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5		7	8	9	10
Bogra ...	05 07	05 09	09 10	09 15	09 24	09 15	06 11	07 10	08 09
Chaklala ...							...	—	
Chhor ...	23 10	23 07	22 05	14 05	08 05	06 06	..	...	.
Chittagong ...	No	Ascent	...		...			..	—
Cox's Bazar ...	13 06	13 14	13 25	13 35	...				
Dacca ...	05 08	07 06	07 06	08 12	10 13	09 12	10 14	09 10	07 16
Dalbandin ...	...	—	11 05	23 02	07 06	33 02	10 15	06 21	06 19
D. I. Khan ...	.	—	-						
Drosh ...	—	—	..		22 12	21 20	20 15	20 21	18 13
Fort Sandeman ...				04 03	34 03	6 01	01 14	04 12	06 10
Jacobabad ...	15 07	20 05	28 08	03 02	03 05	03 08	05 06	04 24	04 21
Jessore ...	22 03	34 05	02 09	09 09			...		...
Jhelum ...	13 01	14 01	09 01	17 02	35 05	32 03	36 07	02 06	04 05
Jiwani ...	22 14	20 05	10 02	04 10	09 05	.		.	...
Karachi ...	25 14	26 12	29 09	35 09	..	...	..	...	..
Khanpur ...	20 09	24 06	28 05	32 04	.				
Lahore ...	06 01	08 01	05 02	05 03	11 05	04 01	21 01	07 08	07 10
Multan ...	05 04	03 05	01 05	34 06	35 05	06 05	15 10	04 13	..
Muscat ...	—	—	.				...	...	..
Panjgur ...	—	—						...	
Peshawar ...	...	04 03	08 04	1? 05	23 04	28 07	33 10	32 12	39 12
Quetta ...	—	—	...		32 05	10 03	05 11	07 09	08 15
Sharjah ...	—				—		...		...
Sylhet ...	10 22	10 22	09 21	09 16	12 08	08 09	08 04	14 02	29 03
Veraval ...	—	—	.			.	..	—	

At 0000 hrs. G.M.T. of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	10 17	11 22	09 21	08 13	09 17	
Chaklala ...	...	09 09	26 04	26 05	-3 04	30 03
Chhor ...	23 09	25 13	17 08	14 09	12 09	11 04
Chittagong ...	No	Ascent		.		.
Cox's Bazar ...	No	Ascent		..	..	—
Dacca ...	21 06	23 03	...			
Dalbandin ...	...		-6 08	05 08	22 70	24 01
D. I. Khan ...	-	.				
Drosh ...	...	.	.	23 04	21 09	27 07
Fort Sandeman ...	...			22 03	29 05	33 15
Jacobabad ...	19 13	19 07	23 07	21 10	14 04	33 10
Jessore ...	No	Ascent				
Jhelum ...	14 07	20 05	16 04	35 04	31 03	31 13
Jiwani ...	18 05	07 03	03 01	...		
Karachi ...	29 15	29 13	27 10	37 06	07 05	05 09
Khanpur ...	24 20	25 23	24 19	26 10	28 06	30 08
Lahore ...	13 06	14 06	13 05	19 04	07 03	06 03
Multan ...	21 06	21 07	23 06	-4 03	01 01	36 08
Muscat ...	...	—		-	...	
Panjgur ...		-	.		—	...
Peshawar ...	..	-	..	—	—	
Quetta ...		-	...	—	32 04	31 17
Sharjah ...		..				
Sylhet ...	09 27	09 28	09 29	09 24	08 14	08 18
Veraval ...	...	...				

At 0600 hrs. G.M.T. of date (dd ff)

Height in Kms. a.s.l. →	0.3	0.6	9.0	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	2
Bogra ...	09 07	08 10	09 24	10 22	11 27	10 27	...	...	...	—	—
Chaklala ...											
Chhor ...	22 08	22 12	19 11	19 11	18 10	12 08	10 08	11 07	12 11	16 09	21 05
Chittagong ...	09 04	08 08	10 12	13 16	13 21					...	...
Cox's Bazar ...	13 15	13 28	13 29	13 31				.	—	...	...
Dacca ...	03 02	11 06	12 13	11 19	12 20	10 29	09 29	09 25	09 15		...
Dalbandin ...	..	...	08 01	08 13	08 06	27 09	28 17	28 20	28 20	25 18	...
D. I. Khan ...											
Drosh ...	—	...	.	...	33 02	21 10	28 09	01 02	07 03	25 03	24 20
Fort Sandeman ...			—	24 01	18 02	34 05	1 04	04 05	04 07	02 10	27 12
Jacobabad ...	20 05	18 06	18 05	10 01	06 08	08 11	08 09	09 13	09 10	19 15	...
Jessore ...	10 13	11 18	10 23	09 25	09 27						
Jhelum ...	15 01	15 03	16 04	11 03	35 03	17 01	05 03	25 03	36 03	33 07	27 17
Jiwani ...	17 06	16 05	14 05	10 06	03 03	34 07					
Karachi ...	27 13	27 17	28 06				...	—		—	—
Khanpur ...	23 13	25 13	25 13	25 08	23 04	33 01	05 14	07 9	07 11	07 18	10 15
Lahore ...	27 01	12 02	14 02	14 04	14 02	18 03	10 03	17 03	18 05	02 11	35 06
Multan ...	16 09	19 09	18 08	16 07	18 04	36 09	07 8	08 10	07 11	07 08	01 18
Muscat ...	—		—	..		...	—			—	...
Panjgur ...	—	...	—	—	...		...	—		—	—
Peshawar ...	—		—	—						—	—
Quetta ...	...	—	...	—	32 3	06 05	09 09	06 09	05 07	23 04	...
Sharjah ...										—	—
Sylhet ...	09 22	09 23	10 21	11 15	11 10	09 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 gp. Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		
Dacca ...	19 09	14 04	10 05	07 13	07 17	07 23	08 21	08 17	07 09	18 08	28 12	21 18	21 17	24 30	25 32	3? 38	...	
Karachi ...	28 16	27 14	27 09	07 06	06 06	05 05	08 12	19 10	14 07	17 05	22 14	23 29	24 50	...			...	...
Peshawar ...	—	..	...	.		..			.		...		...		...	-		
Quetta ...																		

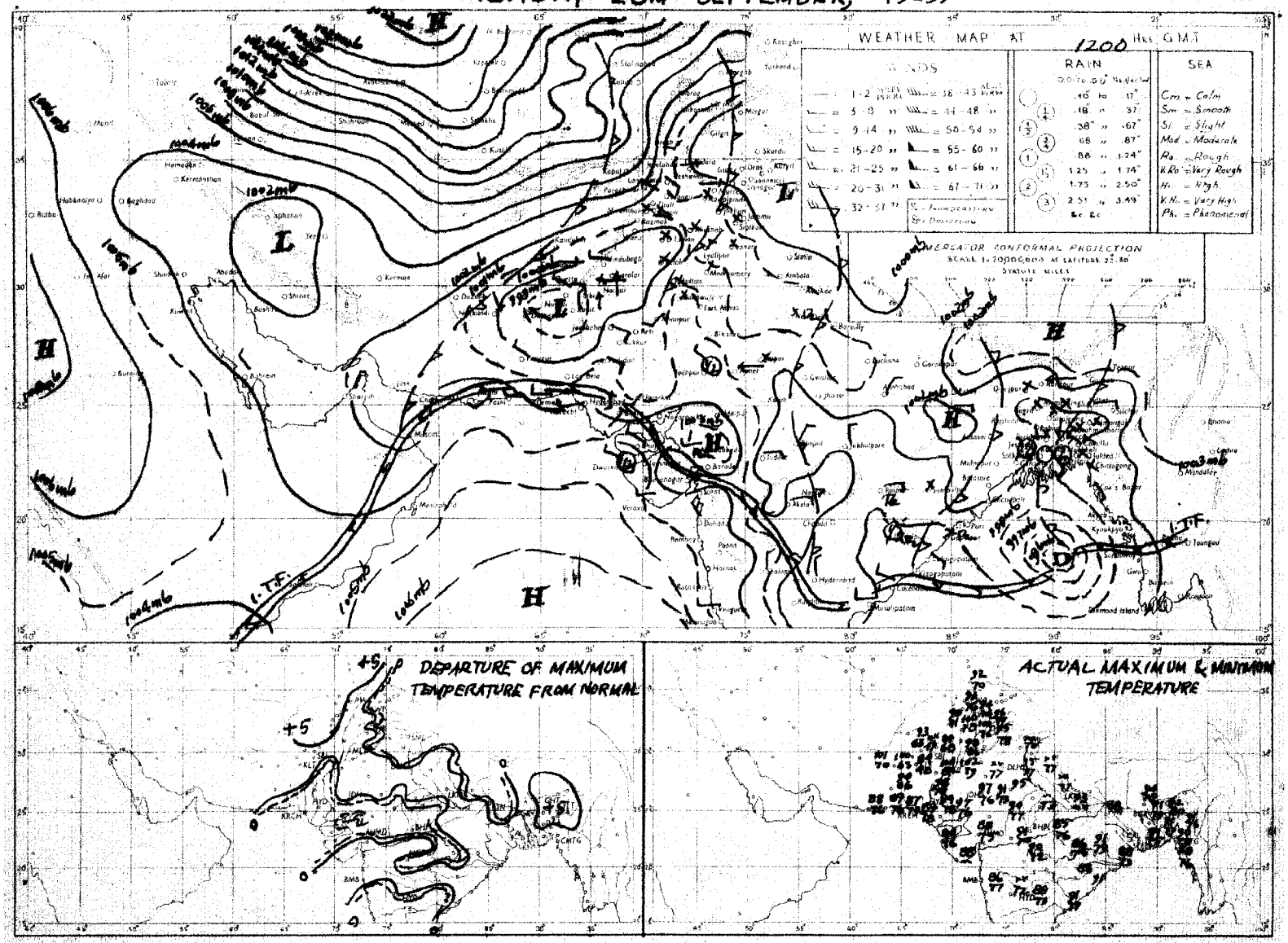
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii 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

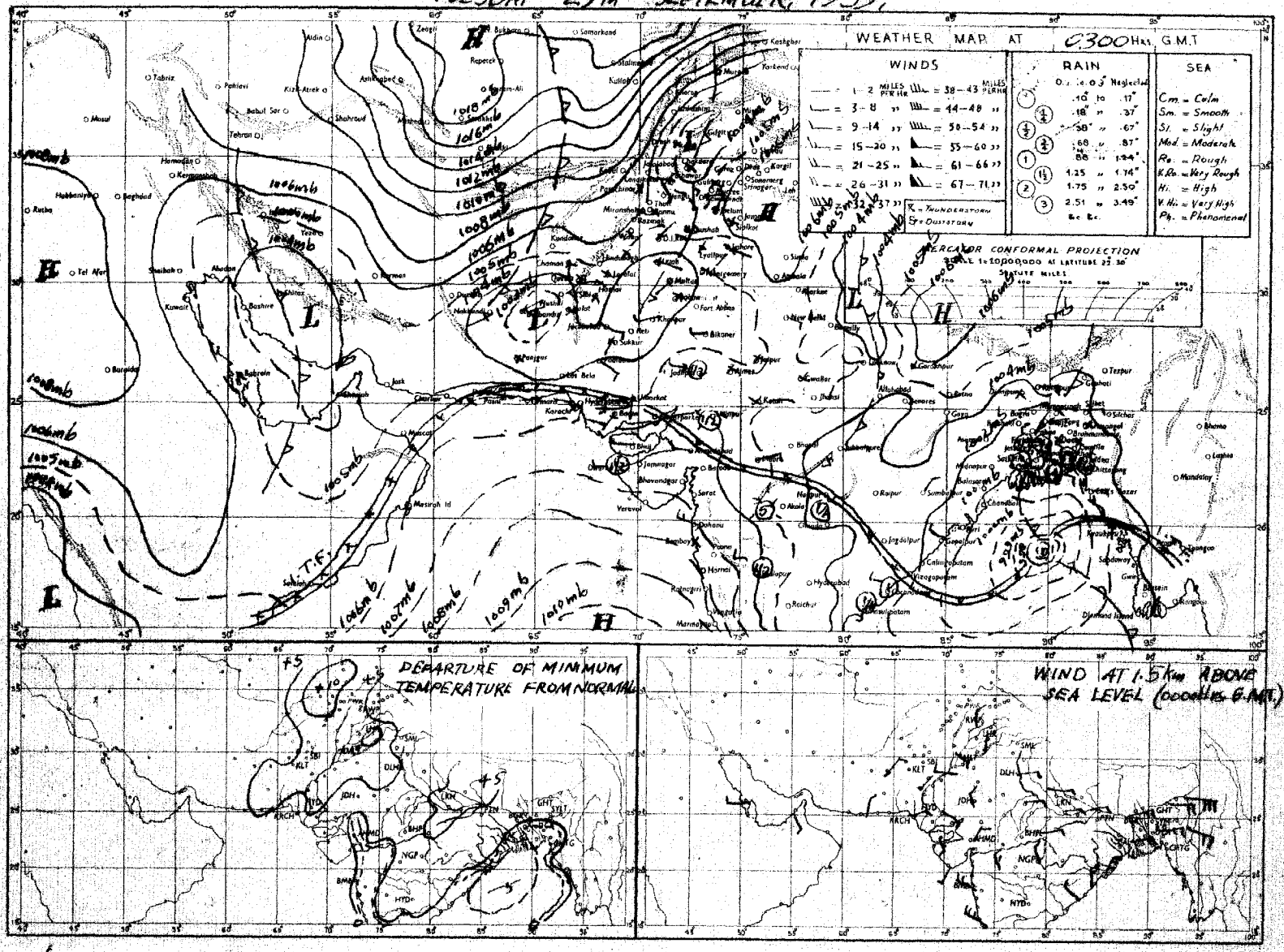
MONDAY 28th SEPTEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 9 hours.

PAKISTAN DAILY WEATHER MAP

TUESDAY 29th SEPTEMBER, 1959.



Rainfall amounts indicated in the above chart refer to past 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 13

WEDNESDAY THE 30th SEPTEMBER, 1959.

Summary of observations recorded at 0300 hrs. G.M.T.

Observations from ships and coast meagre but believe yesterday's deep depression now probably a cyclonic storm moved northwestwards and lies at 30,0300 G.M.T. within one degree of latitude 20.5°N and longitude 88.5°E. It is likely to move westnorthwestwards and cross coast near Chandbali tonight. In its association local rain has fallen in Rajshahi division and scattered in Dacca division.

Yesterday's low pressure wave over Peshawar division is now moving across Rawalpindi division.

Chief amounts of rainfall are:- Satkhira 1"; Barisal and Khulna ½" each and Jessore 1/4".

Day temperatures were:- 3—4°F above normal in Peshawar, D.I. Khan, Quetta and upper Rajshahi divisions.

Forecast valid until the evening of 1st October, 1959. Fairly widespread rain/thundershowers will occur in Dacca and Rajshahi divisions and local in Chittagong division.

Scattered thunderstorm/showers may also occur in Peshawar, Rawalpindi and Lahore divisions and Kashmir.

Heavy Rainfall Warning : Locally moderate to heavy with surface squally winds reaching 50 knots likely lower Rajshahi and lower Dacca divisions during next 36 hours.

Karachi-11
The 30th September, 1959.

K. U. SIDDIQI.
for Director, Meteorological Service.

OBSERVATIONS

At 1200 Hrs. G.M.T. of Previous day

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in knots ff (7)	Horizontal visibility † VV (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths)* PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form † CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Cox's Bazar	000	0	8	11	05	97	60	6	003	79	7	4	6	2	x	73	85
	Chittagong	000	0	8	09	00	96	02	2	000	83	8	6	6	x	x	76	87
	Maijdee Court	000	9	6	00	00	95	03	2	998	86	2	2	6	2	0	81	86
	Comilla	000	0	5	00	00	95	03	1	006	86	5	2	5	0	0	81	88
	Brahmanbaria	000	0	6	03	00	97	03	1	999	86	6	0	9	7	0	82	92
	Sylhet	000	0	6	09	05	xx	01	2	002	83	1	4	6	7	1	72	88
	Srimangal	000	0	7	00	00	96	03	2	001	83	6	5	5	4	x	77	89
Dacca	Mymensingh	000	0	6	09	02	98	02	1	007	86	6	4	6	0	8	77	90
	Narayanganj	000	9	7	00	00	95	03	2	997	85	7	0	8	7	0	78	88
	Dacca (Tezgaon)	000	0	7	05	02	97	02	6	992	82	1	3	6	5	1	76	87
	Faridpur	000	8	8	36	02	96	02	2	002	86	8	4	7	x	x	79	87
	Barisal	004	4	6	00	00	97	03	5	988	85	4	0	8	4	2	81	87
Rajshahi	Khulna	...	...	...				...	...	...	...	...	...	...	...	...	...	---
	Satkhira	037	3	8	00	00	94	61	6	988	77	x	x	7	x	x	75	87
	Jessore	000	0	8	18	03	96	03	3	994	85	6	4	5	x	x	79	88
	Sirajganj	000	0	8	00	00	96	02	2	993	85	8	0	9	0	5	78	88
	Bogra	000	0	6	09	03	96	03	2	003	84	0	5	6	0	2	78	89
	Dinajpur	000	0	0	00	00	95	00	0	998	88	0	0	9	0	0	81	95
	Rangpur	000	0	1	00	00	96	01	1	xxx	89	1	5	6	0	0	81	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd)	000	0	2	00	00	96	01	0	010	93	1	1	6	0	x	74	95
	Sialkot	000	0	1	00	00	97	02	0	003	90	1	2	6	x	x	76	92
Rawalpindi	Jhelum	000	0	2	00	00	97	01	0	003	92	1	1	7	1	0	76	95
	Rawalpindi	000	0	0	00	00	99	00	0	012	90	0	0	9	0	0	75	94
	Khushab	000	0	0	09	02	99	00	0	034	95	0	0	9	0	0	72	98
Multan	Lyallpur	000	0	5	00	00	96	02	0	003	95	5	0	9	4	0	73	96
	Montgomery	000	0	0	00	00	96	00	0	006	94	0	0	9	0	0	74	97
	Multan	000	0	0	00	00	98	02	0	000	98	0	0	9	0	0	68	99
Bahawalpur	Leiah	000	0	1	18	02	98	05	1	011	00	1	1	8	0	0	68	01
	Khanpur	000	0	0	27	03	96	03	0	993	01	0	0	9	0	0	79	02
	Bahawalpur	000	0	3	00	00	97	00	0	008	99	0	0	8	2	0	75	00
	Fort Abbas	000	0	0	2	02	98	00	0	005	93	0	4	8	0	0	74	00
Peshawar	Chakdara	000	0	1	23	02	99	01	1	984	90	1	1	7	0	0	70	90
	Peshawar	000	0	2	05	03	96	05	0	003	91	2	9	6	0	0	77	xx
	Haripur									...	...			...				---
	Campbellpur	000	0	4	18	03	98	02	0	024	95	4	2	9	0	0	xx	96
D. I. Khan	Bannu	000	0	0	16	01	99	01	0	997	93	3	1	6	0	0	71	95
	D. I. Khan	000	0	0	00	00	98	00	0	996	00	0	0	9	0	0	78	01
Quetta	Sibi	000	0	0	36	02	99	00	0	996	03	0	0	9	0	0	61	04
Kalat	Nokkundi	000	0	0	18	02	97	02	0	002	96	0	0	9	0	0	32	98
	Turbat	000	0	0	23	02	96	00	0	028	00	0	0	9	0	0	75	01
	Jiwani	000	0	2	23	07	97	01	0	035	84	1	6	4	4	0	74	87
	Pasni	030	0	4	20	17	97	00	0	030	85	4	0	9	5	0	79	90
	Ormara	000	0	7	27	09	98	02	1	023	84	7	0	9	2	0	77	85
	Las Bela	000	0	0	00	00	98	00	0	027	96	0	0	9	0	0	79	00
Karachi Federal Area Hyderabad	Karachi (Manora)	000	0	3	27	10	96	01	1	043	86	0	0	9	4	0	81	88
	Karachi (Air Port)	000	0	3	23	07	97	02	1	032	87	3	5	6	0	0	75	90
	Badin	000	0	0	23	02	97	00	0	030	91	0	0	9	0	0	75	94
	Nagarparkar	003	0	0	09	06	98	00	0	035	91	0	0	9	0	0	67	92
	Umarkot	000	0	0	23	07	98	00	0	011	94	0	0	9	0	0	72	97
	Hyderabad	000	0	1	18	09	97	02	0	018	92	1	1	8	0	0	75	96
Khairpur	Pad-i-dan	000	0	1	23	05	97	01	0	007	99	1	0	9	1	0	66	00
	Nawabshah	000	0	1	18	05	97	02	0	016	96	1	0	9	2	0	71	98
	Sukkur	000	8	1	34	03	96	01	0	000	99	0	0	9	0	3	74	03
	Kashmore	000	0	0	18	03	99	00	0	001	98	0	0	9	0	0	xx	00
	Jacobabad	000	0	0	13	03	97	02	0	006	99	0	0	9	0	0	72	00
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar																	
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh																	
	Skardu																	
	Misgar																	
	Aliabad																	
	Gilgit																	
Rawalpindi	Murree	000	9	4	29	09	98	01	4	457	68	0	0	5	5	0	61	67
Peshawar	Drosh	000	0	3	23	10	98	03	0	426	89	3	2	7	0	0	50	92
	Cherat	000	6	1	18	02	98	01	6	461	80	0	0	9	2	0	75	83
	Kakul	000	8	4	13	05	97	03	1	455	78	4	4	6	0	0	64	88
	Landi Kotal	000	0	2	16	04	97	03	0	443	84	0	0	9	0	5	67	87
D.I. Khan	Parachinar	000	0	2	13	02	99	00	0	798	78	0	0	9	2	0	71	xx
	Miranshah	000	0	0	00	00	99	00	0	438	89	0	0	9	0	0	85	90
	Wana	000	2	2	18	03	99	00	3	455	86	3	2	8	0	0	59	88
	Fort Sandeman	000	0	1	30	00	98	01	0	468	92	1	0	9	0	3	45	93
Quetta	Hindubagh	000	0	0	29	05	98	00	0	410	86	0	0	9	0	0	25	86
	Loralai	000	0	3	09	03	96	01	1	428	85	3	2	6	0	0	47	90
	Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx
	Quetta	000	0	0	00	00	96	00	0	469	84	0	0	9	0	0	39	85
	Chaman	000	0	0	27	02	97	00	0	456	89	0	0	9	0	0	63	90
Kalat	Kalat	000	0	0	34	09	97	02	0	447	78	0	0	9	0	0	48	84
	Nushki	000	0	0	31	09	98	02	0	539	92	0	0	9	0	0	57	95
	Dalbandin	000	0	0	05	03	96	02	0	462	92	0	0	9	0	0	37	94
	Panjgur	000	0	0	31	03	98	00	0	466	91	0	0	9	0	0	32	92
Afghanistan	Kabul																	
	Kandahar																	

At 0300 Hrs. G.M.T. of date; Departure from Normal of; Rainfall

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past Weather † W (27)	Sea level Pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud Form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Since 1st June 1959 to date (39)	Departure from normal (40)	Since 1st January 1959 to date (41)	Annual normal (42)
Cox's Bazar	007	9	8	16	02	95	60	6	040	79	7	4	6	2	x	75	76	— 2	+ 1	115.6	+ 5.9	131.4	140
Chittagong	004	9	x	xx	xx	97	03	6	047	80	8	6	6	x	x	76	77	0	+ 1	93.5	+15.9	125.5	108
Maijdee Court	000	9	8	00	00	95	50	2	047	81	8	0	6	2	x	78	79	— 1	+ 2	102.8	+18.2	134.6	115
Comilla	000	0	8	00	00	97	02	2	040	81	8	4	5	x	x	78	81	0	+ 5	62.7	— 0.6	88.7	94
Brahmanbaria	000	0	8	05	05	97	03	1	047	81	8	0	9	4	x	78	79	—	—	62.7	+14.5	88.7	76
Sylhet	000	1	8	09	09	97	51	5	056	82	5	5	5	7	x	73	80	—	—	137.1	—	175.1	—
Srimangal	005	2	8	00	00	96	03	6	047	89	8	4	4	x	x	74	76	— 2	+ 2	65.8	+ 6.9	77.8	98
Mymensingh	000	0	6	13	05	98	02	1	049	83	6	4	5	0	4	74	81	+ 3	+ 4	69.7	+10.9	91.8	91
Narayanganj	000	9	8	09	07	96	03	2	042	84	1	1	6	7	x	75	79	0	+ 1	58.8	+10.5	80.1	74
Dacca (Tezgaon)	000	4	8	05	05	97	61	6	037	82	1	1	5	2	x	76	79	—	—	61.8	—	77.2	—
Faridpur	003	9	8	11	02	97	03	6	000	84	8	5	7	0	0	78	77	0	— 1	60.9	+14.0	89.3	71
Barisal	038	2	8	09	02	97	63	2	035	80	8	7	5	x	x	77	77	— 1	— 1	101.8	+45.4	116.6	81
Khulna	050	9	8	09	07	95	03	6	031	80	8	5	5	x	x	76	77		0	66.4	+17.8	87.3	68
Satkhira	120	0	8	05	03	94	61	2	006	78	x	x	6	x	x	75	76	0	0	50.9	+ 4.8	68.9	65
Jessore	022	9	8	05	07	96	03	6	027	82	8	7	5	x	x	78	77	—	—	46.7	+ 2.8	96.9	65
Sirajganj	000	0	8	09	02	96	02	2	022	83	8	0	9	0	4	76	80	0	+ 3	59.9	+14.8	84.3	64
Bogra	000	0	7	00	00	96	03	2	045	83	4	5	2	0	0	77	80	+ 1	+ 3	59.4	+ 9.3	78.5	69
Dinajpur	000	0	0	00	00	96	00	0	053	83	0	0	9	0	0	79	79	+ 7	+ 2	33.0	—22.9	50.3	72
Rangpur	000	0	3	05	02	96	01	1	xxx	86	1	5	6	3	1	76	78	+ 4	+ 2	49.3	—12.3	69.2	84
Jammu																							—
Lahore (Jail Rd)	000	0	0	00	00	96	02	0	055	87	0	0	9	0	0	75	78	— 3	+ 10	21.8	+ 7.3	25.6	19
Sialkot	000	0	2	00	00	97	02	0	055	85	2	0	9	3	0	78	79	— 3	+ 9	49.6	+26.1	35.0	32
Jhelum	000	0	1	00	00	96	01	0	059	81	1	1	7	0	0	76	77	—	—	36.4	—	46.7	—
Rawalpindi	000	0	2	36	02	98	00	0	053	81	2	1	8	7	0	72	75	+ 1	+ 10	36.0	+12.6	49.1	36
Khushab	000	0	0	00	00	99	00	0	056	85	0	0	9	0	0	76	78	0	+ 7	14.3	+ 4.1	19.9	15
Lyallpur	000	0	0	00	00	96	00	0	047	82	0	0	9	0	0	75	78	— 2	+ 8	14.5	+ 5.3	17.3	12
Montgomery	000	0	0	00	00	96	00	0	053	84	0	0	9	0	0	74	78	— 2	+ 6	6.1	— 1.4	8.4	10
Multan	000	0	0	00	00	98	02	0	048	88	0	0	9	0	0	72	83	+ 1	+ 10	5.9	+ 1.0	8.0	7
Leiah	...	...	...					...	...			...	...	...	...	...	...	—					8
Khanpur	000	0	0	20	03	96	03	0	042	84	0	0	9	0	0	81	79	+ 2	+ 7	0.5	— 4.3	1.3	6
Bahawalpur	000	0	0	00	00	97	00	0	049	85	0	0	9	0	0	73	80	+ 1	+ 10	5.4	+ 1.2	6.4	6
Fort Abbas	000	0	0	02	02	98	00	0	064	85	0	0	9	0	0	74	78	—	—	8.9	—	9.2	4
Chakdara	000	0	0	00	00	99	00	0	045	74	0	0	9	0	0	66	69	—	—	9.9	—	25.5	—
Peshawar	000	0	5	00	00	96	05	0	059	79	1	5	7	3	0	75	76	×	+ 9	8.4	+ 4.0	22.3	14
Haripur	000	3	3	05	02	97	01	0	005	81	3	1	6	0	0	72	71		—	19.6	—	30.5	—
Campbellpur	000	4	0	05	03	97	00	0	071	82	4	2	9	0	0	72	76	—	—	21.6	—	35.5	—
Bannu	000	0	0	00	00	99	00	0	045	82	0	0	9	0	0	73	77	—	—	12.1	—	19.1	11
D. I. Khan	000	0	0	00	00	98	00	0	046	88	0	0	9	0	0	73	79	+ 3	+ 8	10.2	+ 4.7	13.9	10
Sibi	000	0	0	00	00	99	00	0	047	82	0	0	9	0	0	68	81	—	—	3.4	—	4.1	5
Nokkundi	000	0	0	34	02	97	02	0	078	70	0	0	9	0	0	31	69	—	—	0	—	1.1	2
Turbat	000	0	0	18	02	95	00	0	065	81	0	0	9	0	0	75	xx	—	—	2.9	—	7.3	—
Jiwani	000	0	6	00	00	96	03	0	070	80	6	6	4	0	0	74	75	—	—	0.3	—	5.9	4
Pasni	000	0	0	27	02	97	00	0	065	81	0	0	9	0	0	77	77	— 1	+ 6	0.6	— 0.3	3.2	6
Ormara	000	0	0	00	0.	98	00	0	062	82	0	0	9	0	0	76	78	—	—	1.7	+ 0.9	4.2	6
Las Bela	000	0	0	00	00	98	00	0	055	82	0	0	9	0	0	75	78	—	—	6.6	—	6.8	8
Karachi (Manora)	000	0	4	00	00	96	01	1	064	80	4	6	4	0	0	74	78	+ 3	+ 2	16.5	+10.5	16.5	8
Karachi (Air Port)	000	0	1	29	07	96	03	0	062	81	1	6	5	0	0	76	78	—	—	22.6	—	22.0	—
Badin	000	0	0	23	02	96	00	0	065	82	0	0	9	0	0	79	80	— 2	+ 6	11.2	+ 4.0	11.2	9
Nagarparkar	000	0	0	23	02	98	00	0	062	82	0	0	9	0	0	68	80	—	—	30.5	—	[illegible]	—
Umarkot	000	0	0	23	03	98	00	0	053	82	0	0	9	0	0	76	76	—	—	18.8	—	19.5	—
Hyderabad	000	0	0	18	02	97	02	0	058	81	0	0	9	0	0	xx	78	— 3	+ 3	14.6	+ 8.6	15.4	7
Pad-i-dan	000	0	0	16	09	97	02	0	050	81	0	0	9	0	0	75	76	—	—	7.3	—	7.5	—
Nawabshah	000	0	0	18	03	97	02	0	055	83	0	0	9	0	0	76	77	—	—	6.4	—	7.1	—
Sukkur	000	9	0	25	02	96	00	0	048	83	0	0	9	0	0	76	81	—	—	3.5	—	4.6	4
Kashmore	000	0	0	xx	xx	99	00	0	054	86	0	0	9	0	0	73	80	—	—	2.0	—	2.1	—
Jacobabad	000	0	0	13	03	97	02	0	051	[illegible]	[illegible]	[illegible]	[illegible]	0	0	77	81	— 1	+ 8	3.8	+ 1.5	4.5	4
Veraval																							20
Jalalabad																							—
Muscat																							4
Kuwait																							—
HILL STATIONS																							
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																							—
Gilgit																							5
Murree	000	9	3	00	00	97	01	1	467	61	0	5	2	0	0	58	56	— 3	+ 3	50.3	+15.7	75.5	59
Drosh	000	0	2	00	00	98	03	0	485	71	3	1	7	0	0	55	70	+ 8	+ 10	1.3	—	30.5	18
Cherat	000	0	2	18	00	98	01	0	488	72	2	0	9	7	0	69	68	0	+ 5	20.3	+ 8.3	30.3	29
Kakul	000	3	1	00	00	97	01	0	488	73	0	1	7	0	0	64	66	—	—	48.5	—	53.2	—
Landi Kotal	000	0	1	00	00	98	03	0	466	75	1	1	7	0	0	67	xx	—	—	3.3	—	[illegible]	—
Parachinar	000	0	0	09	01	99	00	0	807	64	1	0	9	0	0	55	xx	—	—	13.9	—	27.7	29
Miranshah	000	0	0	00	00	99	00	0	476	79	0	0	9	0	0	70	72	—	—	2.7	— 2.1	5.7	13
Wana	000	0	0	18	02	99	00	0	473	67	0	0	9	0	0	53	63	—	—	5.1	—	14.1	—
Fort Sandeman	000	0	0	00	00	97	02	0	507	75	0	0	9	0	0	60	69	+ 3	+ 8	7.2	+ 2.2	15.9	11
Hindubagh	000	0	0	23	02	98	00	0	460	61	0	0	9	0	0	28	60	—	—	4.6	—	12.6	—
Loralai	000	0	0	27	03	98	00	0	395	63	0	0	9	0	0	35	57	—	—	7.1	—	13.0	—
Harnai	000	0	0	09	02	98	00	0	xxx	xx	0	0	9	0	0	xx	xx	—	—	8.4	+ 1.0	13.0	14
Quetta	000	0	0	00	00	95	00	0	481	65	0	0	9	0	0	35	47	—	—	4.7	—	10.2	8
Chaman	000	0	0	18	02	97	00	0	483	71	0	0	9	0	0	37	60	+ 3	+ 1	0.1	0	6.2	7
Kalat	000	0	0	18	02	98	02	0	496	63	0	0	9	0	0	43	48	+ 4	+ 4	6.3	+ 5.1	11.0	9
Nushki	000	0	0	13	02	98	02	0	536	76	0	0	9	0	0	62	67	—	—	1.1	—	2.9	—
Dalbandin	000	0	0	00	00	95	05	0	473	67	0	0	9	0	0	30	59	— 3	+ 1	0.2	— 0.1	2.2	5
Panjgur	000	0	0	05	02	98	00	0	477	73	0	0	9	0	0	37	66	— 2	+ 5	2.5	—	4.1	4
Kabul																							12
Kandahar																							—

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitte.
RRR at 0300 hrs. G.M.T. is rainfall since 0300 hrs. G.M.T. of the previous day and RRR at 1200 hrs. is rainfall since 0300 hrs. G.M.T. of the same day
Whenever 999 is given for RRR see the summary above for the actual amounts of rainfall.

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PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 30th SEPTEMBER, 1959.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D,V, a PP	8 N, Ch, h,	O T, T, T_d T_d	Id.d.PH.
	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Tamhamaru	33 224	609 00	2 21 17	98 03 0	045 81	24 5 00	35 31 2	...	0 81 73	...
Tamhamaru	33 215	622 06	2 19 14	98 02 1	079 82	24 5 00	35 00 3	...	0 04 75	...
Iphegenia	33 286	501 12	1 30 12	98 02 0	062 86	15 x 00	35 70 8	...	0 02 73	1 30 x2
Tamhamaru	33 207	635 12	3 23 07	98 02 1	055 82	31 5 00	30 60 5	...	0 04 75	
Isocardia	33 269	546 18	0 30 15	98 02 9	110 86	06 9 00	35-21 0	...	0 57 79	1 30 x1

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTT TdTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb HHHTTT	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca														
Jiwani		03 00	808 282 258	038 238 012	...	430 165 135	...	043 058 042	298 025 515	745 572 582	455 665 672	957 792	233 805	416 122	...
Karachi		00 00	002 268 238	040 265 235 Misda	..	480 232 172	..	140 175 025	436 102 552	928 030 999	709 545 999	993 338	..	...	...
Lahore		00 00	..	...	...	...	...	...	...	...	...	...	...	...	...
Multan															
Peshawar		00 00	962 265 238	...	...	400 232 232	..	106 128 132	389 048 608	842 522 722	530 698 999	962 808	..	...	...

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTT TdTdTd									Max. Height Reached PPPTTT TdTdTd	TROPOPAUSE Sl. HHHH TT	Sl. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca													
Jiwani		00 00	930 205 162	800 125 108	350 718 735	307 798 812	...	...	...	...	...	307 798 812	...	...
Karachi		00 00	900 248 212	800 205 125 Misda	..	..	...	...	...	...	...	800 205 125	...	...
Lahore		00 00			..	..	...	...	...	...	...		...	...
Multan														
Peshawar		00 00	900 258 258	800 195 195	350 952 999	277 828 999	...	...	...	...	...	277 828 999	...	...
Quetta														

PPP—Pressure in hundreds tens and units of millibars.
TTT, TdTdTd: Dry Bulb; Dew Point temperatures(in tenths of oC.)
ttt=Character of tropopause.

HHH, HHHH (heights) — Tens of geopotential metres.
TT—Dry Bulb temperatures in oC.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in Kms. a.s.l.	At 1200 hrs. G.M.T. of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	A 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 600 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bogra	07 10	09 13	09 16	09 15	09 14	10 15	...	...	...	11 21	12 26	11 31	10 27	09 23	07 37	10 20	11 24	11 25	10 26	18 27	18 27	...	...	...	...	...
Chaklala																										
Chhor																										
Chittagong	25 86	23 10	23 08	21 06	19 03	12 03	05 05	03 05	05 06	25 20	23 14	19 11	13 11	12 11	07 11	24 06	22 11	22 11	15 10	13 12	11 09	07 10	10 10	15 14	17 12	24 12
Cox's Bazar	16 07	13 10	10 14	11 19	12 25	12 26				13 04	14 04	18 07	15 25	14 35	14 25		No	Ascent								
Dacca	No	Ascent								No	Ascent						No	Ascent								
Gilgit	05 88	07 11	08 17	10 15	10 20	11 26	10 25	08 27	08 27	09 09	09 16	09 30	13 15	13 19	11 23	09 15	10 18	...	09 08	10 11	15 03	30 04	01 02	10 06	09 11	10 15	07 15
Gulbandin			06 03	08 07	05 04	35 04	03 02	09 06	08 09	...	...	08 09	08 07	12 01	25 04	...	...	No								
D. I. Khan																		Ascent								
Drosh																										
Fort Sandeman				35 01	22 22	21 15	18 08	20 08	23 31	...	...	...	24 09	21 03	30 01	...	...	...	24 00	20 07	18 05	19 07	19 15	...	...
Hyderabad	16 05	19 03	22 03	31 02	28 01	22 02	35 05	34 08	08 06	...	...	...	19 03	27 04	33 08	...	...	...	23 03	31 04	36 05	06 04	09 04	09 06	08 07	35 03
Jacobabad	22 19	23 31	24 20		08 04	06 18	05 08	07 09	07 09	22 13	22 09	20 09	17 05	14 08	08 07	19 02	18 04	19 04	10 03	08 08	08 11	07 11	09 10	07 12	04 05	...
Jiwani	24 81	28 02	30 03	32 05	32 05	36 05	34 06	32 06	33 03	08 28	10 33	10 27	11 48	11 50	10 53			No	Ascent							
Kandh	22 07	17 07	16 09	28 05	36 08	03 13	01 06	04 08	07 13	24 03	23 06	...	...	...	...	25 01	25 01	25 03	34 04	01 04	35 06	...	...	...	...	...
Karachi	22 08	27 13	29 10							24 03						20 01	17 03									
Khanpur	26 08	26 06	24 04	24 05	02 08	04 02	04 09	07 09	...	29 14	28 14	26 19	14 06	10 08	36 05	28 18	29 12	27 10	...	...	...	...	...	...	...	...
Lahore	05 04	36 04	33 04	36 05	36 06	31 02	30 06	28 05	29 02	25 13	28 18	27 19	28 22	29 29		24 19	24 18	05 18	29 06	26 06	31 07	...	...	...	...	...
Multan	07 05	05 04	05 03	36 04	01 05	03 09	03 09	04 10	04 12	14 10	06 03	35 03	26 03	04 03	34 03	11 02	10 03	08 01	04 02	03 05	09 03	25 02	36 05	26 03	23 03	09 04
Muscat										19 06	18 06	20 07	12 07	12 05	04 12	14 03	13 03	13 03	07 02	07 05	06 11					
Panjgur																										
Peshawar																										
Quetta																										
Rat jah					03 04	07 03	04 04	06 06	06 06					31 03	xx xx		35 04	10 05	28 01	25 04	26 06	29 07	29 09	30 13	28 12	27 23
Sylhet	09 29	09 28	09 23	18 16	10 14	12 12	12 16	08 28	08 30	11 23	11 27	10 25	10 18	10 12	...	...	No	Ascent		33 01	10 02	09 05	05 04	05 06	04 12	
Varsak																										

* The actual time of observations may vary within half an hour of the so cified time.

RAWIN DATA * FOR 0000 HRS. G.M.T. OF DATE

Height in ,* Kms. a.s.l.	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca																		
Karachi	12 17	11 15	10 22	10 21	10 21	10 21	10 29	14 33	10 33	09 27	10 33	13 31	17 20	22 12	23 13	25 47	37 42	
Peshawar	23 86	24 04	26 05	26 06	30 06	06 05	06 05	06 05	08 05	09 11	08 16	34 04	25 19	34 23				
Quetta																		

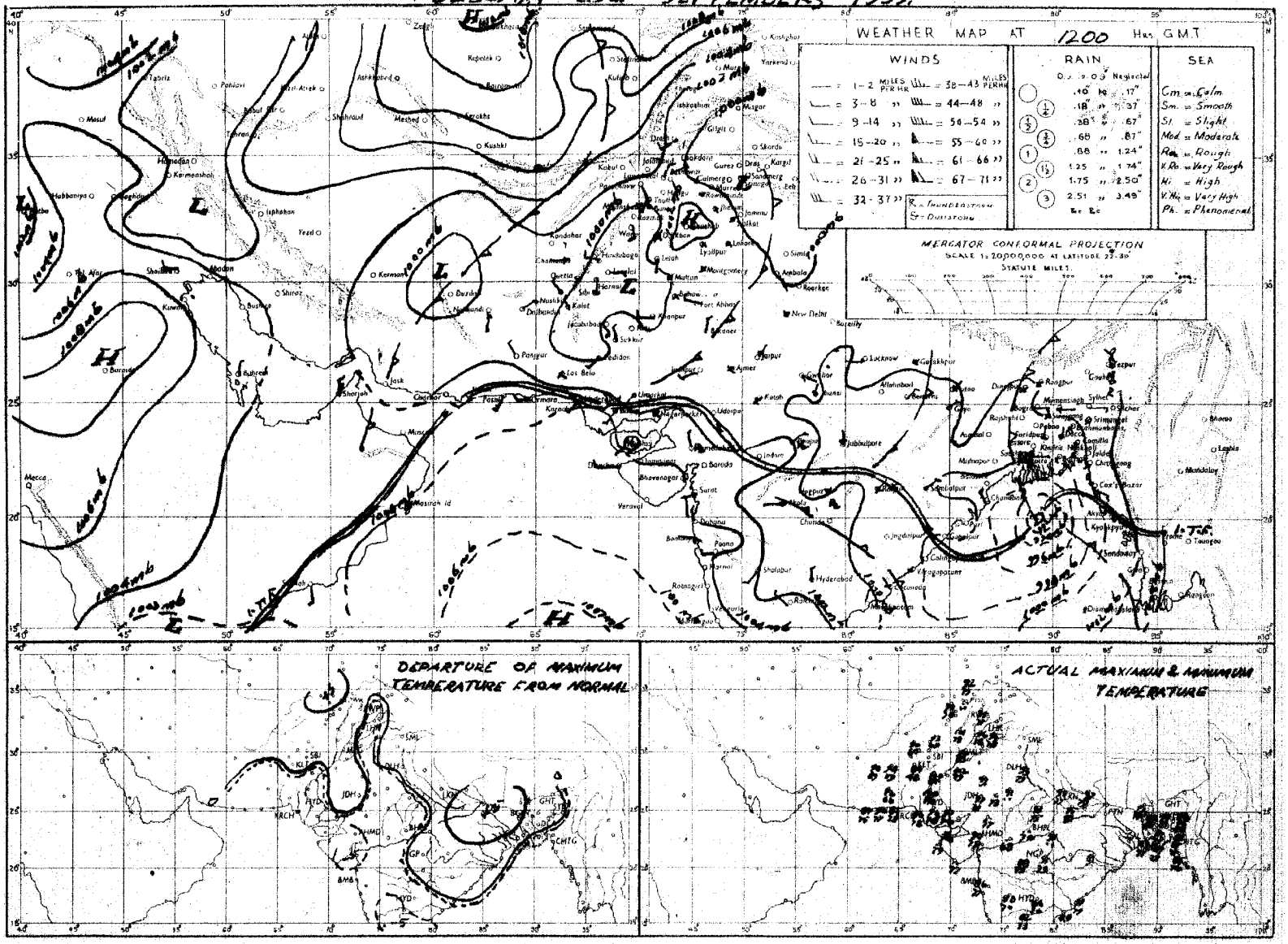
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V,V, etc.)

The accuracy of isolated entries in this report cannot be guaranteed. Corrections can be obtained, if necessary, on application to the Meteorologist, Weather Central Air Port, KARACHI-11.

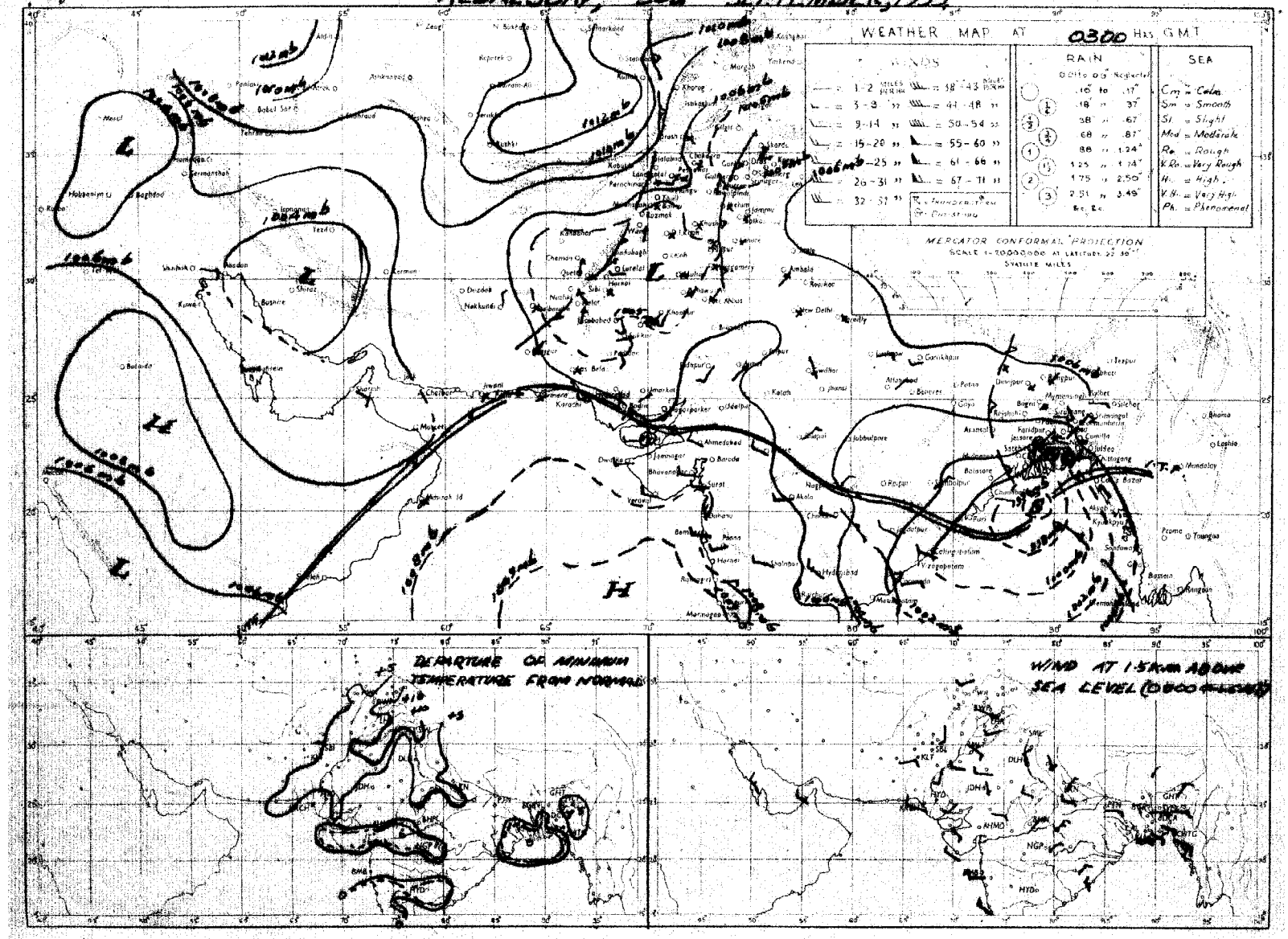
PAKISTAN DAILY WEATHER MAP

TUESDAY, 29th SEPTEMBER, 1959.



PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 30th SEPTEMBER, 1959



Rainfall amounts indicated on the above chart refer to past 24 hours.