Pakistan

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PAKISTAN DAILY WEATHER REPORT

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SUNDAY THE 1st JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Monsoon continues to remain weak over East Pakistan.
Rain/thundershowers have been local in Rajshahi division and scattered in Chittagong and Dacca divisions.

The westerly low pressure wave over Kashmir moved away eastwards.
Yesterday's western disturbance now lies north of Kashmir. Its associated trough has moved to D. I. Khan division.

A secondary western disturbance has approached the western parts of Quetta division and adjoining areas.

Thunderstorm/showers have been local in Multan and Bahawalpur divisions and scattered in Peshawar division. A few duststorms have also been reported from Lahore, Rawalpindi, Sargodha, Bahawalpur, Quetta and Khairpur divisions.

Chief amounts of rainfall are :—Bahawalpur 1¼"; Bogra 1"; Sylhet 3/4"; Narayanganj and Sirajganj 1/2" each and Multan 1/4".

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

Forecast valid until the evening of 2nd July, 1962, :—Rain/thundershowers will be local in East Pakistan and scattered in Peshawar division and Kashmir. A few dust/thunderstorms are also likely to occur elsewhere over West Pakistan outside Kalat, Karachi, Hyderabad and Khairpur divisions.

Karachi-11
The 1st July, 1962.

OBSERVATIONS

M. AZHAR ADIL
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 † 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	Rangamati	000	0	7	13	02	96	05	1	018	86	2	4	7	6	1	76	93
	Cox's Bazar	000	0	6	20	09	97	02	2	015	84	4	4	5	5	0	78	86
	Chittagong	000	0	6	13	09	97	03	1	011	83	4	3	6	2	0	78	88
	Maijdee Court	000	9	8	13	09	96	03	2	007	85	5	2	8	2	x	78	87
	Comilla	000	0	8	13	05	97	02	0	996	84	8	4	4	x	3	80	88
	Brahmanbaria	000	0	6	18	05	97	03	1	003	83	6	5	5	0	0	77	89
	Sylhet	058	9	8	00	00	96	61	6	004	79	6	5	4	2	x	78	84
	Srimongal	000	0	3	00	00	95	02	0	992	85	3	2	4	0	0	81	89
Dacca	Mymensingh	000	0	8	00	00	97	02	2	990	88	8	7	5	x	x	83	90
	Narayanganj	050	4	7	18	07	96	02	6	996	85	4	4	3	7	0	81	91
	Dacca (Tezgaon)	000	0	6	18	05	97	02	2	998	85	1	3	6	0	4	79	90
	Faridpur	000	0	3	20	02	96	01	1	976	84	3	4	6	0	0	77	91
Khulna	Barisal	000	0	4	18	05	97	02	1	003	89	4	7	6	0	0	79	93
	Khulna	000	0	5	18	02	96	02	1	996	86	5	5	6	0	0	81	92
	Satkhira	000	0	5	18	03	97	03	1	012	85	3	4	6	2	0	79	94
	Jessore	000	0	4	18	02	96	02	2	991	86	2	4	6	6	0	81	92
Rajshahi	Pabna	000	0	8	00	00	97	03	2	982	89	3	9	6	5	2	82	93
	Sirajganj	000	0	8	00	00	96	17	2	991	80	8	9	4	x	x	77	89
	Bogra	050	3	8	09	02	96	51	9	981	77	6	5	5	2	x	75	91
	Dinajpur	000	9	4	00	00	96	02	2	972	88	6	2	7	0	0	[illegible]	92
	Rangpur	000	0	7	13	02	96	01	2	979	87	7	5	6	0	0	81	90
...mir	Jammu	000	4	0	31	02	95	05	0	967	03	0	0	9	0	0	61	03
...ore	Lahore (Jail Rd.)	000	0	0	00	00	99	00	0	963	02	0	0	9	0	0	70	03
	Sialkot																	
...al-...di	Jhelum	000	0	1	23	03	98	30	3	967	01	1	2	7	0	0	55	02
	Rawalpindi	000	0	2	36	02	98	03	0	963	99	2	2	7	0	0	59	00
	Campbellpur	000	0	1	05	04	97	01	0	942	01	1	1	7	0	0	53	02
...odha	Khushab	000	0	0	23	08	98	90	0	979	99	0	0	9	0	0	81	01
	Lyallpur	000	0	0	23	02	96	08	0	979	98	0	0	9	0	0	62	98
...tan	Montgomery	000	0	0	00	00	96	02	0	973	96	0	0	9	0	0	69	59
	Multan	000	0	8	00	00	96	06	1	971	00	8	5	6	x	x	65	02
	Leiah	000	0	0	05	02	97	00	0	xxx	08	0	0	9	0	0	63	12
...alpur	Khanpur	000	0	0	16	05	55	05	0	958	04	6	0	9	0	0	61	05
	Bahawalpur	000	0	0	13	02	97	00	0	967	05	0	0	9	0	0	78	06
	Fort Abbas	000	0	4	27	13	98	02	1	980	01	4	0	9	2	0	72	06
...war	Chakdara	000	0	0	36	02	97	00	0	926	95	0	0	9	0	0	64	99
	Peshawar	000	0	3	07	05	97	02	0	967	96	1	9	6	0	1	57	98
	Haripur	000	0	0	23	01	96	00	0	957	99	0	0	9	0	0	73	00
D. I. Khan	Bannu	000	1	8	16	01	99	02	2	975	95	0	0	9	0	7	58	96
	D. I. Khan	000	0	0	00	00	98	00	0	989	98	0	0	9	0	0	65	xx
...etta	Sibi	000	8	3	05	02	96	05	0	962	05	2	0	9	4	1	05	06
Kalat	Nokkundi	000	0	0	36	05	97	02	1	925	07	0	0	9	0	0	12	09
	Turbat	000	0	0	18	04	97	02	0	973	02	0	0	9	0	0	xx	05
	Jiwani	000	0	3	16	13	97	02	2	996	87	3	6	4	3	0	76	89
	Pasni	000	8	2	20	17	96	05	1	993	88	2	0	9	0	0	77	93
Karachi Division	Ormara	000	0	1	23	12	95	03	0	988	91	1	1	6	0	0	75	94
	Lasbela																	
	Karachi (Manora)	000	0	0	23	13	96	02	0	994	87	0	0	9	0	0	78	93
	Karachi (Airport)	000	0	4	75	12	96	03	0	997	90	4	8	5	0	1	79	93
Hyderabad	Nagarparkar	000	0	3	27	01	97	02	0	916	10	0	0	9	0	0	67	10
	Umerkot	000	0	2	23	03	98	02	0	979	00	2	2	7	0	0	71	02
	Hyderabad	000	0	0	23	10	97	02	0	981	97	0	0	9	0	0	71	99
	Badin	000	0	0	23	05	97	00	0	986	98	0	0	9	0	0	79	00
Khairpur	Padidan	000	0	0	18	10	97	02	0	953	07	0	0	9	0	0	59	08
	Nawabshah	000	0	0	18	03	96	02	0	967	05	0	0	9	0	0	68	06
	Sukkur	000	0	0	23	03	96	02	0	952	05	0	0	9	0	0	68	06
	Kashmore	000	0	0	00	00	99	00	0	942	xx	0	0	9	0	0	90	xx
	Jacobabad	000	0	2	23	05	96	03	0	966	05	0	0	9	0	0	68	06
...nagadh	Veraval	000	0	3	23	15	9	02	0	029	86	3	4	5	0	0	81	xx
...histan	Islamabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	000	0	3	34	06	98	02	0	991	xx	2	1	6		1	69	xx
	Gulmarg **	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sonamarg **																	
	Dras **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Leh *																	
	Skardu **																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
...walpindi	Murree *	000	9	4	29	09	98	01	1	436	71	4	1	4	0	0	51	75
Peshawar	Drosh *	000	5	7	23	03	97	01	8	430	81	5	8	7	6	0	49	86
	Cherat *	000	0	0	31	11	98	00	0	487	87	0	0	9	0	0	83	91
	Kakul *	609	5	6	05	05	97	17	6	436	80	5	3	5	2	0	53	66
	Landikotal *	000	0	2	13	03	98	03	0	422	87	0	0	9	0	0	71	68
	Parachinar *																	
D. I. Khan	Miranshah *	000	8	8	00	00	98	02	1	437	86	8	4	8	x	x	72	91
	Wana *	000	0	5	05	05	99	04	2	517	77	5	1	7	0	0	73	87
Quetta	Fort Sandeman *	000	0	6	11	05	99	01	3	446	76	6	0	8	3	0	52	91
	Hindubagh *	000	0	6	09	07	96	03	2	386	86	0	0	9	0	0	61	91
	Loralai *	012	2	8	09	02	97	02	2	419	84	4	4	7	2	1	67	90
	Harnai *	000	0	3	09	02	97	03	4	xxx	95	3	3	5	0	0	41	95
	Quetta *	000	0	4	18	02	96	02	1	440	89	4	1	5	0	0	65	91
	Chaman *	000	0	0	23	09	97	06	0	380	96	0	0	9	0	0	46	97
	Nushki *	000	0	0	27	19	96	04	0	448	00	0	0	9	0	0	35	00
	Dalbandin *	000	8	2	31	05	96	03	0	419	04	2	0	9	3	0	37	06
Kalat	Kalat *	000	5	0	23	07	99	05	4	398	84	0	0	9	0	0	36	88
	Panjgur *	000	0	0	23	05	97	02	0	428	79	0	0	9	0	0	73	86
Afghanistan	Kabul *																	
	Kandhar *																	

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)
Rangamati	000	0	4	18	02	97	05		056	87	2	1	7	6	3	79	79
Cox's Bazar	000	0	6	18	05	97	02	2	046	85	3	2	6	3	0	79	79
Chittagong	000	0	6	13	09	97	02	2	044	84	5	4	6	2	0	76	78
Maijdee Court	003	9	8	13	09	96	01	2	047	85	2	2	5	2	x	79	80
Comilla	000	0	8	18	05	97	01	0	017	81	8	4	4	1	0	80	73
Brahmanbaria	000	0	5	18	07	97	03	1	038	84	5	5	5	0	0	79	80
Sylhet	076	9	8	18	02	96	51	6	037	80	0	5	5	2	x	78	78
Srimongal	000	0	8	00	00	95	03	0	039	84	8	9	3	0	0	77	79
Mymensingh	000	0	8	00	00	97	02	1	043	84	8	5	5	x	x	78	80
Narayanganj	050	9	8	18	05	97	02	2	032	86	8	4	2	0	x	80	78
Dacca (Tezgaon)	000	9	7	18	05	97	02	1	037	85	7	8	4	0	6	80	81
Faridpur	000	8	8	16	03	96	02	2	031	85	6	5	5	1	0	76	80
Barisal	000	0	4	13	02	97	02	1	038	87	4	0	9	8	0	80	82
Khulna	000	0	7	00	00	97	01	2	032	85	7	5	5	0	0	80	82
Satkhira	000	0	6	00	00	97	03	2	017	87	2	4	6	2	0	81	81
Jessore	000	0	6	18	09	97	03	2	031	95	6	5	6	0	0	81	80
Pabna	006	9	7	[illegible]	09	97	03	9	038	85	5	0	9	5	2	81	81
Sirajganj	055	x	8	18	03	97	02	2	032	82	8	4	5	0	0	79	77
Bogra	091	9	8	18	03	96	02	6	015	84	6	7	4	2	0	80	77
Dinajpur	[illegible]	9	6	00	00	96	02	2	008	85	6	0	9	2	0	79	78
Rangpur	000	0	7	13	12	96	04	2	022	84	7	5	6	0	0	81	78
Jammu	000	6	4	27	02	95	04	3	957	87	4	0	9	3	0	65	84
Lahore (Jail Rd.)	000	0	0	00	00	97	00	0	984	88	0	0	9	0	0	67	81
Sialkot																	
Jhelum	000	6	5	31	02	96	02	2	974	89	3	0	9	3	1	66	80
Rawalpindi	000	0	5	36	02	98	02	2	982	91	5	0	9	4	0	58	79
Campbellpur	000	0	3	00	00	97	01	1	942	84	1	1	7	2	1	54	87
Khushab	000	0	0	23	07	98	00	0	594	89	0	0	9	0	0	79	81
Lyallpur	000	0	4	05	02	96	01	3	599	85	0	0	9	0	0	64	61
Montgomery	000	0	4	25	03	96	02	2	003	86	4	4	7	0	0	69	79
Multan	025	9	0	00	00	96	02	6	000	87	0	0	9	0	0	[illegible]	76
Leiah	000	0	5	23	01	97	03	2	xxx	87	0	0	9	5	0	63	85
Khanpur	000	9	0	20	05	94	06	3	005	87	0	0	9	0	0	63	79
Bahawalpur	132	3	0	23	02	97	00	6	008	82	0	0	9	0	0	68	70
Fort Abbas	000	0	0	27	02	98	00	0	003	83	0	0	9	0	0	72	83
Chakdara	000	0	0	36	02	97	00	0	973	79	0	0	9	0	0	54	72
Peshawar	000	0	0	00	00	98	03	1	998	89	0	0	9	0	4	58	77
Haripur	000	0	0	05	01	97	00	0	983	90	0	0	9	0	0	54	76
Bannu	000	0	0	00	00	99	00	0	983	88	0	0	9	0	0	62	74
D. I. Khan	000	0	0	00	00	98	00	0	985	86	0	0	9	0	0	64	76
Sibi	000	0	0	31	02	96	05	0	012	90	0	0	9	0	0	69	89
Nokkundi	000	9	1	36	09	97	01	2	985	91	0	0	9	0	1	43	87
Turbat	000	0	2	23	02	97	01	2	035	87	0	0	9	1	0	xx	xx
Jiwani	000	0	6	23	05	97	01	2	034	94	6	6	4	0	0	76	82
Pasni	000	3	6	25	05	97	03	1	031	85	2	2	7	4	0	78	82
Ormara	000	0	1	27	03	94	03	1	021	85	1	1	6	0	0	79	82
Lasbela																	
Karachi (Manora)	000	0	4	25	07	96	01	1	026	82	4	6	4	0	0	75	81
Karachi (Airport)	000	0	5	25	10	96	02	1	028	85	5	6	5	0	0	79	82
Nagarparkar	000	0	1	27	01	97	00	0	007	85	0	1	7	0	0	73	68
Umerkot	000	0	0	23	03	97	02	0	015	85	0	0	9	0	0	76	80
Hyderabad	000	0	0	23	09	97	01	1	017	85	0	0	9	0	0	73	82
Badin	000	0	0	23	02	97	00	0	033	85	0	0	9	0	0	78	81
Padidan	000	0	0	43	07	97	02	0	002	96	0	0	9	0	0	70	92
Nawabshah	002	0	0	18	05	96	02	3	012	65	0	0	9	0	0	75	77
Sukkur	000	0	0	13	05	96	02	0	999	87	0	0	9	0	0	72	83
Kashmore	000	0	0	00	00	99	00	0	979	02	0	0	9	0	0	85	85
Jacobabad	000	0	0	18	02	96	05	0	004	89	0	0	9	0	0	72	87
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Islamabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar *	xxx	x	6	00	10	96	03	1	476	62	0	0	9	0	4	55	55
Gulmarg **	xxx	x	6	09	02	96	02	2	095	51	6	0	7	2	0	45	44
Sonamarg **																	
Dras **	xxx	x	3	23	06	97	03	0	091	55	1	8	6	0	2	52	45
Leh *																	
Skardu **																	
Misgar **																	
Aliabad *																	
Gilgit *																	
Murree *	000	9	7	00	00	97	02	1	441	67	5	5	0	8	x	52	60
Drosh *	000	9	7	00	00	98	02	2	457	73	4	0	9	4	4	53	66
Cherat *	000	0	1	05	03	98	03	0	473	77	1	0	9	5	0	73	61
Kakul *	010	9	6	05	02	98	01	5	437	74	1	4	7	4	0	xx	67
Landikotal *	000	0	3	00	00	98	03	0	426	78	0	0	9	0	8	67	66
Parachinar *																	
Miranshah *	000	0	0	00	00	99	00	0	422	81	0	0	9	0	0	46	70
Wana *	000	0	0	00	00	98	00	0	513	70	0	0	9	0	0	56	67
Fort Sandeman *	000	0	0	00	00	99	01	0	456	73	0	0	9	0	0	55	67
Hindubagh *	000	0	0	27	02	97	00	0	416	71	0	0	9	0	0	51	59
Loralai *	000	0	3	07	02	99	01	1	431	73	0	0	9	1	2	67	60
Harnai *	000	0	0	00	00	97	00	0	xxx	86	0	0	9	0	0	54	85
Quetta *	000	0	0	22	02	98	00	0	423	75	0	0	9	0	0	65	66
Chaman *	000	0	0	13	07	98	00	0	424	82	0	0	9	0	0	41	74
Nushki *	000	0	0	18	05	98	02	0	474	83	0	0	9	0	0	49	75
Dalbandin *	000	9	2	23	03	96	03	0	436	85	2	0	9	3	0	55	78
Kalat *	000	0	0	18	03	98	00	0	439	70	0	0	9	0	0	50	51
Panjgur *	000	0	0	00	09	97	02	0	445	75	0	0	9	0		64	71
Kabul *																	
Kandhar *																	

Departure from Normal of / Rainfall

Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati	—	—	—	—	—	—
Cox's Bazar	+ 1	+ 2	44.6	+ 2.3	55.9	140
Chittagong	+ 2	+ 1	29.0	+ 7.3	42.5	100
Maijdee Court	+ 1	+ 1	17.3	— 4.0	36.7	115
Comilla	+ 1	— 4	17.5	— 1.4	29.7	94
Brahmanbaria	—	—	15.1	+ 0.3	32.8	98
Sylhet	—	—	30.3	—	65.4	—
Srimongal	— 1	+ 1	18.3	— 1.0	34.7	98
Mymensingh	+ 3	+ 2	10.3	+ 0.3	33.3	91
Narayanganj	+ 3	— 1	11.7	— 1.0	29.0	74
Dacca (Tezgaon)	—	—	7.6	—	22.5	—
Faridpur	+ 3	+ 2	7.6	— 5.6	20.9	71
Barisal	+ 4	+ 3	13.2	— 2.4	2.6	81
Khulna	+ 4	+ 4	15.2	+ 2.3	22.9	68
Satkhira	+ 5	+ 3	14.3	+ 1.6	21.5	65
Jessore	+ 3	—	6.4	— 6.2	16.6	65
Pabna	—	—	13.1	—	31.6	59
Sirajganj	+ 2	—	7.7	— 5.0	20.7	64
Bogra	+ 3	1	9.2	— 3.7	22.4	69
Dinajpur	+ 3	0	7.5	— 6.7	14.7	72
Rangpur	+ 2	0	10.3	— 0.1	23.5	84
Jammu	— 1	+ 4	0	— 1.7	6.4	19
Lahore (Jail Rd.)	+ 3	0	2.5	— 0.1	7.0	32
Sialkot						
Jhelum	—	—	3.1	—	9.2	—
Rawalpindi	— 2	+ 2	1.7	— 0.8	8.3	36
Campbellpur	—	—	0.6	—	8.9	—
Khushab	— 4	— 2	0.1	— 1.4	5.1	1
Lyallpur	— 5	— 2	0.5	— 0.8	4.3	1[illegible]
Montgomery	— 7	— 5	0.2	— 0.9	3.3	10
Multan	— 2	— 10	0.3	— 0.3	2.0	7
Leiah	—	—	0	—	1.8	8
Khanpur	— 2	— 4	0	— 0.3	1.0	6
Bahawalpur	+ 1	— 14	1.3	+ 1.0	2.1	6
Fort Abbas	—	—	0	—	0.3	8
Chakdara	—	—	0.1	—	9.4	—
Peshawar	— 7	— 3	0	— 0.3	6.6	11
Haripur	—	—	1.4	—	8.1	—
Bannu	—	—	0.4	—	3.4	11
D. I. Khan	—	— 7	0	— 0.7	2.9	9
Sibi	—	—	0	—	1.1	5
Nokkundi	—	—	0	—	0.1	2
Turbat	—	—	0	—	2.7	—
Jiwani	—	—	0	—	0.7	5
Pasni	+ 2	+ 3	0	— 0.3	0.2	6
Ormara	—	—	0	0	1.0	6
Lasbela						8
Karachi (Manora)	+ 3	— 1	0	— 0.7	0	8
Karachi (Airport)	—	—	0	—	0	—
Nagarparkar	—	—	0	—	0	—
Umerkot	—	—	0	—	0.1	—
Hyderabad	— 3	0	0	— 0.5	0.8	7
Badin	+ 2	— 1	0	— 1.3	0.6	9
Padidan	—	—	0	—	0.6	—
Nawabshah	—	—	0	—	0.4	—
Sukkur	—	—	0	—	0	4
Kashmore	—	—	0	—	0	—
Jacobabad	— 6	+ 2	0	— 0.3	0.8	4
Veraval	—					20
Islamabad						
Muscat						4
Kuwait						5
HILL STATIONS						
Srinagar *	—	—	—	—	—	26
Gulmarg **		—				—
Sonamarg **						71
Dras **		—				26
Leh *						3
Skardu **						6
Misgar **						—
Aliabad *						—
Gilgit *						1
Murree *	— 1	+ 1	3.3	— 1.0	27.6	59
Drosh *	— 8	— 5	0.9	—	12.8	18
Cherat *	0	— 11	1.0	— 0.2	25.1	29
Kakul *	—	—	0.8	—	16.4	—
Landikotal *	—	—	0.5	—	12.2	—
Parachinar *						29
Miranshah *	—	—	0.1	— 0.9	1.9	13
Wana *	—		2.1	—	10.5	11
Fort Sandeman *	— 10	— 9	2.1	+ 1.4	6.9	11
Hindubagh *	—	—	0	—	3.8	—
Loralai *	—	—	0	—	4.1	9
Harnai *	—	—	0.3	— 0.6	3.4	14
Quetta *	—	—	0	— 0.2	4.2	9
Chaman *	— 4	— 2	0	0	1.3	6
Nushki *	— 1	—	0	—	1.6	—
Dalbandin *	—	+ 3	0	0	1.1	4
Kalat *	— 3	— 4	0	— 0.2	1.9	7
Panjgur *	—	—				5
Kabul *						12
Kandhar *						

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 use the summary above for the actual amount of rainfall.

National Oceanic and Atmospheric Administration

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March 28, 2002

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 1st JULY, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$YQ L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Alvalos	73 200	598 00	8 21 12	97 02 2	003 79	xx x xx	15 4 03	...	00 8 77	12 1 xx
Ashelmere	73 230	645 06	7 21 09	97 03 2	044 85	78 5 00	...	...	00 2 82	12 2 21
Alvalos	73 213	595 06	9 20 10	97 02 2	025 86	9x 0 xx	15 4 00	...	00 9 77	12 1 12
Caltex Arnhem	73 236	590 06	4 07 08	98 01 1	008 84	42 5 00	...	...	00 7 78	10 9 32
Caltex London	73 231	598 06	4 17 15	96 05 0	998 83	35 5 49	57 3 02	...	05 8 80	11 7 22
President Hayes	73 214	620 06	6 23 17	98 02 2	020 83	62 6 00	57 1 07	...	05 2 77	12 3 23
Esso Amsterdam	73 265	533 12	0 00 00	98 02 0	980 90	00 9 00	66 4 00	...	00 3 77	10 0 x0
Isselia	73 264	545 12	0 06 06	98 02 0	995 95	00 9 00	66 8 05	...	00 5 79	10 6 x1
Kaulalumpur	73 097	675 18	0 23 13	98 01 0	091 82	00 9 00	25 x xx	...	00 0 77	12 5 22
Vennasa	73 165	685 18	4 24 15	98 01 1	055 81	00 9 08	76 1 02	...	05 2 76	12 5 46
Islami	73 180	642 18	2 27 13	98 02 2	044 82	xx x xx	63 2 10	...	05 1 79	12 7 33
Dumra	73 248	658 18	0 22 09	97 02 0	319 84	03 9 00	65 0 10	...	00 6 79	12 2 23
Alvalos	73 238	587 19	0 30 05	97 03 0	015 96	00 9 09	75 2 04	...	05 5 82	14 9 xx
Tremormh	73 175	663 18	3 04 15	98 01 1	050 80	31 3 00	24 2 14	...	05 3 75	10 4 xx
Bay of Bengal										
Mustali	73 148	872 18	8 13 18	98 02 2	033 77	86 6 xx	12 x xx	...	...	—

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $PPPTTTT_dT_dT_d$	1000 mb ($HHHTTTT_dT_dT_d$)	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	000 282 262	010 272 228	...	136 208 148	...	309 145 058	438 078 505	587 005 585	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	999 282 182	MISDA	...		...						...	...	...
Lahore ...	00 00	975 302 195		...	140 262 162	...	313 145 558	441 025 999	587 532 999	761 605 999	979 685	...	...	...
Multan ...														
Peshawar ...	00 00	959 265 155	...	...	139 258 145	...	308 118 015	434 042 535	580 562 618	751 660 999	962 782	244 902	436 960	704 075
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	23 00	900 232 172	800 188 102	488 502 588	...	...	...	...	...	...	488 002 588	...	...
Jiwani ...													
Karachi ...	00 00		MISDA	—	—	...	...	...	...	—		...	...
Lahore ...	00 00	900 295 182	800 225 095		...	...	...	...	...	...	800 225 095	...	...
...													
[illegible]ar ...	00 00	915 285 182	900 282 168	800 212 102	...	...	...	...	...	...	800 212 102	...	...
...													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenth 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)	1.8 (5)	2.1 (6)	3.0 (7)	4.5 (8)	5.4 (9)	6.0 (10)
Bogra ...	No	...	...	Ascent	...	...	...	...	...
Chaklala ...	...	12 02	11 04	16 01	11 03	30 05	27 19	27 11	26 16
Chhor ...	21 12	23 14	23 19	23 19	07 09	01 18	03 19	34 19	30 15
Chittagong ...	20 18	20 18	20 13	19 13	...	...	...	...	...
Cox's Bazar ...	19 15	20 13	20 12	...	...	...	...	...	...
Dacca ...	17 21	18 24	19 22	21 40	21 13	30 09	26 06	26 10	28 15
Dalbandin ...	...	...	31 10	31 10	30 12	27 14	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	22 05	30 08	...	...	...
Fort Sandeman ...	...	...	...	11 16	11 05	...	...	...	...
Jacobabad ...	15 17	15 17	15 14	16 12	18 08	27 07	32 12	32 19	34 13
Jessore ...	19 21	20 21	21 19	...	...	...	...	...	...
Jhelum ...	20 04	22 05	22 04	19 03	12 02	34 07	26 10	27 20	27 16
Jiwani ...	17 11	16 10	21 47	33 07	31 14	30 10	03 02	06 14	04 14
Karachi ...	23 23	23 19	25 10	39 07	...	...	...	...	...
Khanpur ...	16 36	18 06	18 04	20 25	19 05	21 03	28 03	20 06	28 07
Lahore ...	30 01	29 02	28 02	30 03	31 03	33 03	29 13	21 18	30 12
Multan ...	24 03	19 04	19 05	21 09	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	26 07	23 07	35 14	...	...	...
Peshawar ...	...	05 05	29 04	17 03	20 04	24 03	30 12	29 10	29 13
Quetta ...	...	...	...	...	28 19	25 04	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	No	...	...	Ascent	...	...	...	...	...
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 ...	21 15	...	...	...	...	...
Chaklala ...	...	05 05	28 04	30 09	30 04	29 07
Chhor ...	23 09	25 13	23 21	14 06	07 95	35 09
Chittagong ...	17 13	18 15	18 11	21 10	...	...
Cox's Bazar ...	17 12	17 10	19 10	20 12	21 09	...
Dacca ...	21 17	23 33	23 17	...	...	...
Dalbandin ...	...	...	23 06	32 04	39 20	29 17
D. I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	06 01	36 02	34 04
Fort Sandeman ...	...	...	...	26 03	37 03	32 17
Jacobabad ...	12 12	15 07	17 04	23 09	27 11	31 12
Jessore ...	31 22	22 22	22 20	23 09	25 06	28 06
Jhelum ...	30 06	29 11	30 14	30 09	31 13	33 13
Jiwani ...	22 05	23 05	14 05	...	...	...
Karachi ...	27 15	27 13	27 11	36 09	...	...
Khanpur ...	11 08	18 15	24 13	23 27	...	...
Lahore ...	29 08	30 22	30 27	31 16	04 08	29 04
Multan ...	23 16	24 33	24 20	...	...	...
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	28 09	33 15	34 10
Peshawar ...	...	02 04	06 03	29 03	31 02	23 07
Quetta ...	...	...	...	...	24 04	20 04
Sharjah ...	...	...	...	...	...	...
Sylhet ...	No	Ascent	...	...	...	...
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 ...	18 15	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	25 02	32 05	31 04	29 05	24 04	20 08	19 08	...	...	...
Chhor ...	21 29	22 13	...	...	...	...	...	...	...	...	...
Chittagong ...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	18 12	19 15	20 13	...	...	...	...	...	...	...	...
Dacca ...	18 19	19 23	19 19	21 12	23 12	25 17	27 14	27 13	23 14	23 17	23 10
Dalbandin ...	...	...	26 06	28 10	28 19	29 23	31 33	32 43	31 29	31 35	28 34
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	25 05	38 07	24 04	...	...	...	...	...
Jacobabad ...	22 06	14 03	14 01	23 06	37 08	29 10	...	...	...	...	...
Jessore ...	23 22	20 27	23 15	...	...	...	...	...	...	...	...
Jhelum ...	01 00	03 01	07 03	33 05	30 05	24 06	27 06	19 06	19 12	...	...
Jiwani ...	18 02	22 04	22 07	...	...	...	...	...	...	...	...
Karachi ...	25 41	27 15	26 15	...	...	...	...	...	...	...	...
Khanpur ...	21 10	21 06	...	...	...	...	...	...	...	...	...
Lahore ...	38 05	31 06	32 06	23 06	27 06	30 05	...	...	...	...	...
Multan ...	21 09	22 11	23 13	23 21	...	...	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	33 13	32 12	29 16	34 18	34 24	32 18	30 18	...
Peshawar ...	...	05 05	08 05	01 02	01 05	26 08	25 08	25 10	25 11	27 19	...
Quetta ...	...	...	...	...	32 09	26 09	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	21 06	22 11	23 15	24 19	25 17	26 31	...	...	...	...	...
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)	3.6 (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 ...	17 15	19 15	20 16	23 15	23 13	23 12	25 8	28 17	21 07	23 35	26 04	26 07	...	...	...	...	...	...
Karachi ...	MISDA														...	...	...	...
Peshawar ...	...	02 08	25 04	29 02	31 02	33 07	31 14	29 13	28 15	27 23	26 39	28 47	28 43	27 50	...	...	...	...
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.

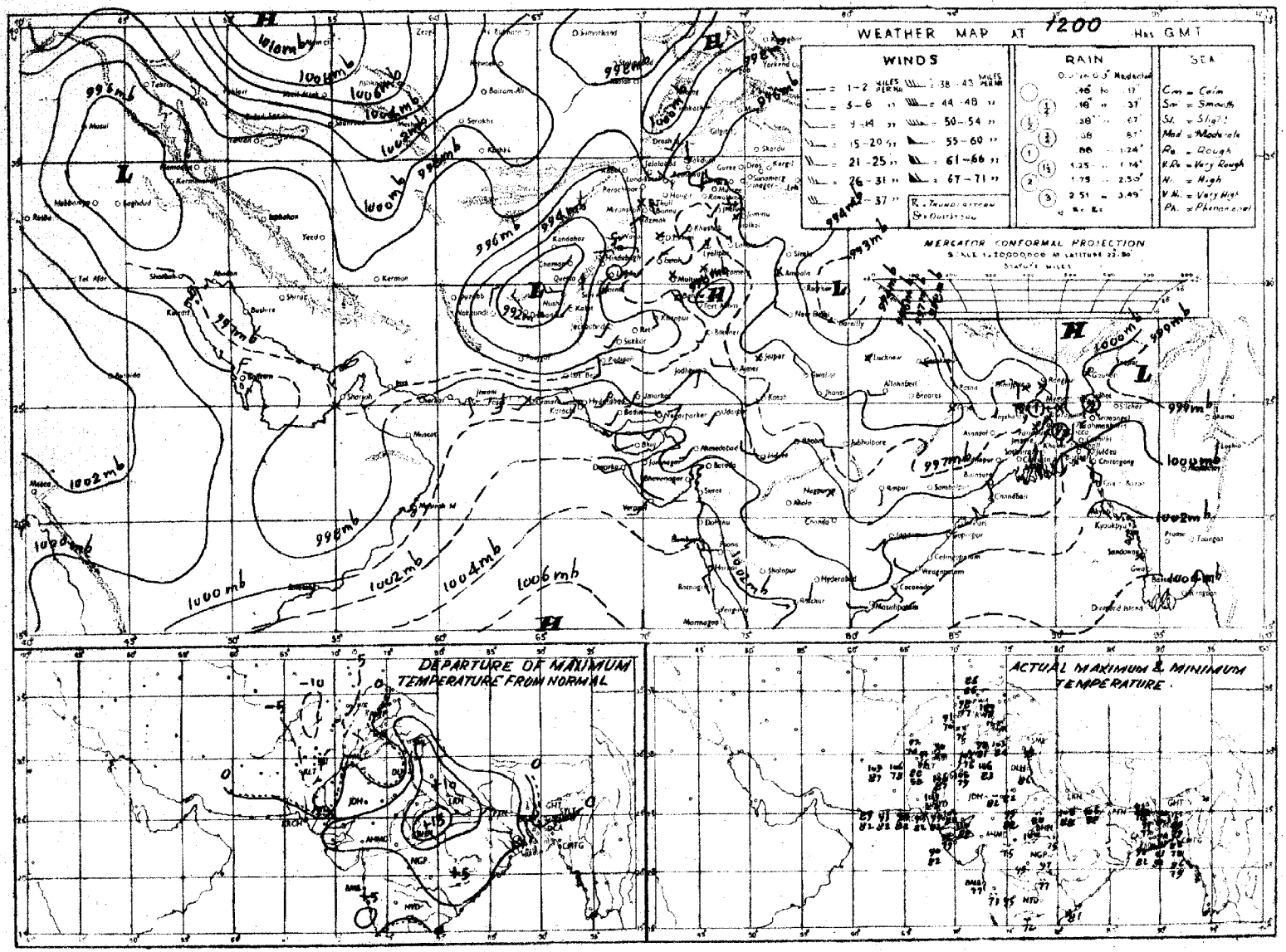
Cloud observation Data (GGiii Cdd V_rV_r etc.)

06 571 22 709

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

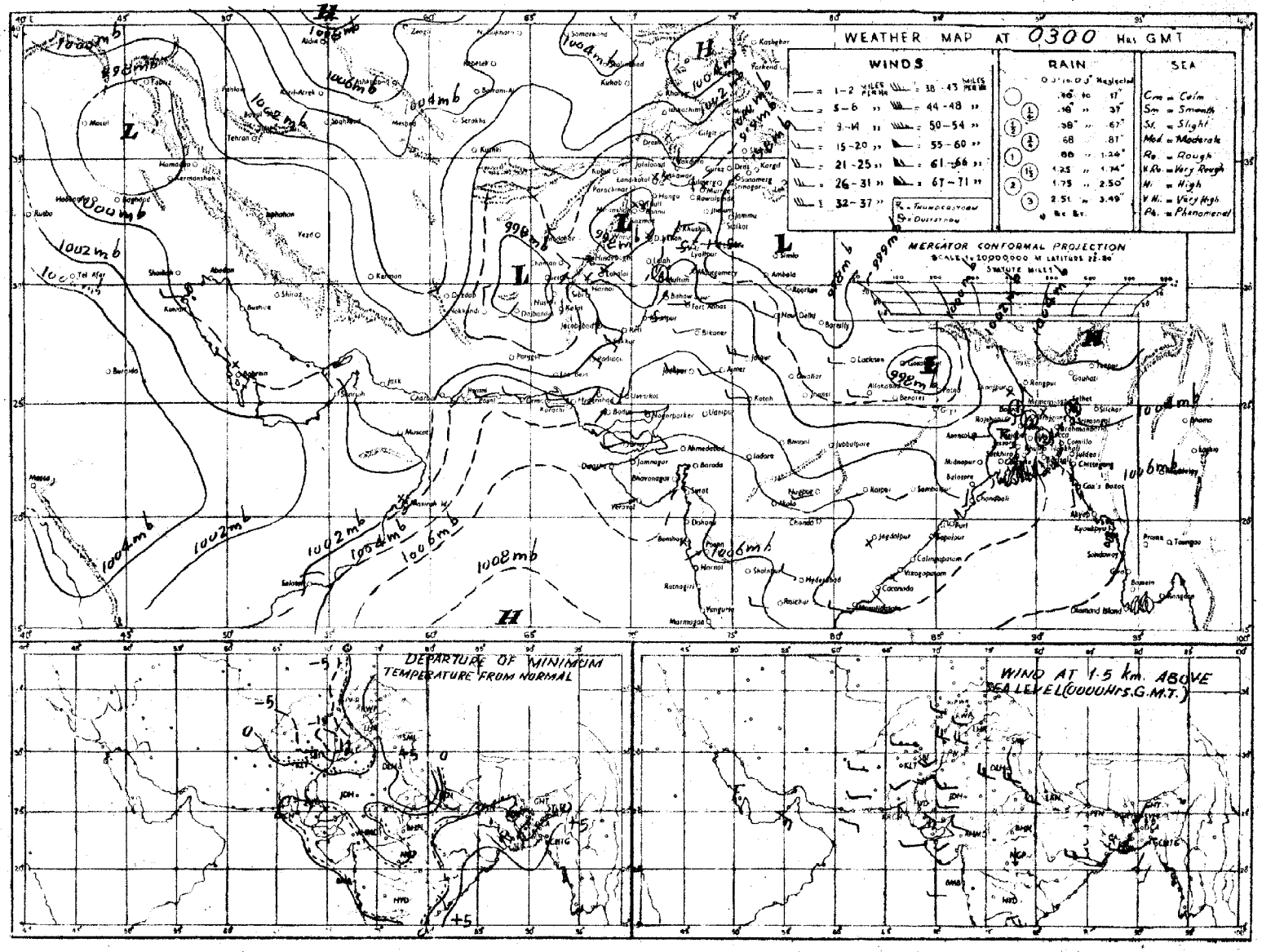
SATURDAY, 30th JUNE, 1962.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 1st JULY, 1962.



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. 16

MONDAY THE 2nd JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Axis of monsoon trough runs along the foot of the Himalayas to the northwest Bay of Bengal.

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

Yesterday's trough is moving away across Kashmir.

The secondary western disturbance over Quetta division weakened and now lies as a trough of low over D.I. Khan division and adjoining areas.

A shallow trough of low has developed off Kathiawar Konkan Coast.

Thunderstorm/showers have been local in Peshawar division and scattered in Rawalpindi division. A few duststorms have also been reported from Peshawar and D. I. Khan division.

Chief amounts of rainfall are :—Rangpur 1½"; Dinajpur 1"; Rangamati and Sylhet 3/4" each, Mymensingh 1/2" and Parachinar 1/4".

Day temperatures were :— 3—6 °F (2—3 °C) below normal in Quetta division and to the same extent above normal in Rawalpindi and Khulna divisions and Southern distts of Hyderabad division.

Forecast valid until the evening of 3rd July, 1962 :—Local rain/thundershowers will occur in Chittagong division and scattered elsewhere in East Pakistan and Kashmir scattered dust/thunderstorms will also occur in Quetta, D. I. Khan, Peshawar, Rawalpindi and Sargodha divisions.

Karachi-11
The 2nd July, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati —	000	0	6	18	02	96	05	4	028	84	6	6	3	8	1	69	93
	Cox's Bazar —	000	0	6	18	09	97	02	2	019	83	3	4	5	7	8	76	86
	Chittagong —	000	0	7	18	09	97	03	2	013	83	6	4	6	2	0	77	87
	Maijdee Court —	000	0	4	18	05	97	02	2	011	85	4	2	6	0	0	78	89
	Comilla —	000	0	8	18	05	96	02	0	994	xx	7	4	4	0	0	88	80
	Brahmanbaria —	000	0	4	23	05	97	03	1	004	87	4	5	x	0	1	79	99
	Sylhet —	003	0	8	13	09	96	03	9	004	92	7	8	5	6	x	78	85
	Srimangal —	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...
Dacca	Mymensingh —	051	4	9	00	00	97	02	9	006	81	8	7	4	x	x	80	88
	Narayanganj —	002	9	7	18	03	96	02	2	001	87	3	4	3	0	8	79	92
	Dacca (Tezgaon) —	000	0	7	18	07	97	02	2	993	85	1	7	5	2	1	78	90
	Faridpur —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	Barisal —	000	0	1	18	01	97	01	1	006	86	3	0	9	8	0	79	90
	Khulna —	000	0	6	00	00	97	01	2	007	85	6	5	6	0	0	80	92
	Satkhira —	000	0	6	18	02	97	03	2	008	89	3	4	6	2	0	79	93
	Jessore —	000	0	4	18	03	97	02	2	001	87	4	4	6	0	0	82	92
Rajshahi	Pabna —	000	0	8	18	05	97	03	2	988	89	2	9	6	5	2	82	xx
	Sirajganj —	000	0	9	13	02	96	02	2	994	89	8	5	5	2	x	65	92
	Bogra —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinajpur —	000	0	7	10	08	96	02	0	910	90	3	2	5	2	x	82	90
	Rangpur —	000	0	7	13	02	96	03	2	906	83	7	5	6	0	0	77	86
ashmir	Jammu —																	
hore	Lahore (Jail Rd.) —	000	0	0	27	03	95	05	1	958	03	0	0	9	0	0	56	04
	Sialkot —	000	0	0	23	02	97	00	0	948	02	0	0	9	0	0	71	04
wal-pindi	Jhelum —	000	0	0	18	02	97	02	1	946	03	0	0	9	0	0	56	04
	Rawalpindi —	000	0	2	18	02	98	01	2	94.	01	2	2	7	0	0	58	04
	Campbellpur —	000	0	3	31	02	97	01	1	923	06	2	1	7	1	1	64	07
rgodha	Khushab —	000	0	0	23	02	98	00	0	936	98	0	0	9	0	0	xx	05
	Lyallpur —	000	0	0	23	03	97	00	0	963	02	0	0	9	0	0	58	02
Mul-tan	Montgomery —	000	0	0	27	02	96	02	0	960	02	0	0	9	0	0	67	03
	Multan —	000	0	0	00	00	96	02	0	957	02	0	0	9	0	0	67	03
	Leiah —	000	0	4	23	02	97	02	2	xxx	00	0	0	9	5	0	74	03
Bahaw-alpur	Khanpur —	000	0	0	23	05	95	05	0	957	04	0	0	9	0	0	58	05
	Bahawalpur —	000	0	0	27	03	98	00	0	xxx	03	0	0	9	0	0	73	03
	Fort Abbas —	000	0	0	27	02	98	00	0	969	05	0	0	9	0	0	57	06
Pesha-war	Chakdara —	000	0	2	18	17	97	07	3	950	87	2	0	9	3	0	52	90
	Peshawar —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Haripur —	000	0	0	23	01	96	00	0	940	02	0	0	9	0	0	49	03
D. I. Khan	Bannu —	000	0	8	36	08	95	09	3	967	90	0	0	9	0	1	51	04
	D. I. Khan —	000	0	0	00	00	98	00	0	941	04	0	0	9	0	0	57	05
etta	Sibi —	000	0	0	05	02	96	05	0	956	07	0	0	9	5	0	61	08
Kalat	Nokkundi —	000	0	0	34	19	96	07	0	998	05	0	0	9	0	0	43	07
	Turbat —	000	0	0	27	02	97	00	2	972	06	0	0	9	0	0	xx	xx
	Jiwani —	000	0	0	18	09	97	01	2	011	87	0	0	9	0	0	75	90
	Pasni —	000	0	0	25	23	95	07	1	002	89	0	0	9	0	0	78	93
Division	Ormara —	000	0	1	23	09	95	03	1	998	91	1	1	6	0	0	77	94
	Lasbela —																	
	Karachi (Manora) —	000	0	0	25	12	96	02	0	001	88	0	0	9	0	0	80	94
	Karachi (Airport) —	000	0	1	23	12	96	02	1	008	89	1	5	6	0	0	82	94
abad	Nagarparkar —																	
	Umerkot —	000	0	0	23	03	98	02	0	979	02	0	0	9	0	0	72	03
	Hyderabad —	000	0	0	23	09	97	02	0	980	98	0	0	9	0	0	74	03
	Badin —	000	0	0	23	05	97	00	0	006	94	0	0	9	0	0	75	03
Khairpur	Padidan —	000	0	0	23	05	97	02	0	958	08	0	0	9	0	0	59	08
	Nawabshah —	000	0	0	18	03	96	02	0	968	07	0	0	9	0	0	66	08
	Sukkur —	000	0	0	23	03	97	02	0	952	07	0	0	9	0	0	72	07
	Kashmore —	000	0	0	00	00	99	00	0	963	23	0	0	9	0	0	68	xx
	Jacobabad —	000	0	0	18	03	96	02	4	950	07	3	0	9	0	0	68	09
gadh	Veraval —																	
anistan	Jalalabad —																	
bia	Muscat —																	
	Kuwait —																	
	HILL STATIONS																	
Kashmir	Srinagar * —	xxx	x	4	32	05	97	01	1	926	72	2	3	6	2	1	55	xx
	Gulmarg ** —																	
	Sonamarg ** —																	
	Dras ** —																	
	Leh ** —	xxx	x	3	27	10	99	01	1	035	66	0	0	9	3	2	34	70
	Skardu * —																	
	Misgar ** —																	
	A.Babad * —																	
	Gilgit * —																	
lpindi	Murree * —	000	9	7	27	05	97	02	1	417	78	5	1	4	8	0	49	80
war	Drosh * —	000	5	8	23	10	96	17	9	440	75	8	9	6	1	1	44	91
	Cherat * —	000	0	8	31	15	98	03	2	488	89	8	6	6	0	0	84	96
	Kakul * —	000	0	5	34	05	97	17	9	422	xx	5	4	6	0	0	46	93
	Landikotal * —	000	0	5	13	09	98	02	1	426	94	5	0	9	7	1	70	95
	Parachinar * —	020	3	6	05	02	98	23	6	447	70	6	6	8	0	0	62	83
Khan	Miranshah * —	000	0	4	05	05	99	03	2	420	91	4	4	8	0	0	76	97
	Wana * —	010	0	6	05	03	99	01	1	509	74	6	1	9	0	0	74	92
Quetta	Fort Sandeman * —	000	0	6	25	01	98	03	0	436	80	3	5	7	3	0	49	96
	Hindubagh * —	000	0	3	29	19	97	00	0	379	87	0	0	9	0	8	62	90
	Loralai * —	000	0	6	31	03	99	01	2	426	79	0	0	9	2	1	67	90
	Harnai * —	000	0	3	13	05	97	03	0	xxx	95	3	3	5	0	0	53	96
	Quetta * —	000	0	0	23	02	96	00	0	439	91	0	0	9	0	0	61	92
	Chaman * —	000	0	0	27	07	98	00	0	394	98	0	0	9	0	0	47	99
	Nushki * —	000	0	0	18	23	96	04	5	457	00	0	0	9	0	0	39	00
	Dalbandin * —	000	5	2	27	12	94	07	0	432	03	2	0	9	3	0	41	06
t	Kalat * —	000	0	0	31	07	97	05	4	404	83	0	0	9	0	0	30	86
	Panjgur * —	000	0	2	31	10	98	03	0	432	03	2	0	7	0	0	48	04
n	Kabul * —																	
	Kandhar * —																	

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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati	000	0	6	18	05	97	09	1	049	78	8	3	8	7	6	77	xx	—	—	—	—	—	—
Cox's Bazar	085	9	6	11	02	97	02	1	037	82	4	8	5	7	0	78	77	0	0	45.4	+ 12.1	56.1	140
Chittagong	005	3	8	13	09	97	13	6	136	83	6	6	5	2	x	76	78	+ 1	+ 1	29.1	+ 6.7	42.5	108
Maijdee Court	000	0	5	11	05	97	03	2	028	85	5	2	5	0	0	79	81	+ 3	+ 2	17.3	− 4.7	36.7	115
Comilla	000	0	8	12	05	97	02	0	993	86	8	4	4	0	0	79	74	− 7	− 3	17.5	− 1.9	29.7	94
Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					78
Sylhet	067	9	7	16	05	96	02	9	032	81	5	8	5	6	0	78	78	—	—	37.2	—	66.3	—
Srimangal	000	0	3	00	00	96	03	0	030	80	3	0	4	0	0	79	77		− 1	18.3	− 1.5	34.7	96
Mymensingh	051	0	8	13	02	97	02	1	025	83	8	5	4	x	x	80	80	+ 1	+ 2	18.9	+ 0.3	33.8	91
Narayanganj	000	9	8	16	05	97	02	2	021	87	8	4	2	x	x	79	81	+ 4	+ 2	11.7	− 1.4	29.0	74
Dacca (Tezgaon)	000	0	5	16	05	97	01	2	014	83	4	5	4	0	1	79	81	—	—	7.6	—	22.5	—
Faridpur	000	0	1	xx	xx	97	02	2	015	86	6	5	6	1	0	xx	80		+ 2	7.6	− 6.0	20.9	71
Barisal	000	0	6	18	02	97	02	2	028	89	6	0	9	4	0	79	81	+ 3	+ 2	13.2	− 2.9	26.1	81
Khulna	000	0	6	13	03	97	01	2	019	87	6	5	4	0	0	81	81	+ 4	+ 3	15.2	+ 1.8	21.9	68
Satkhira	000	0	6	16	02	97	02	0	018	80	3	4	6	2	0	80	81	+ 4	+ 3	14.3	+ 1.2	21.5	65
Jessore	...	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					65
Pabna	000	9	7	13	05	97	03	9	005	84	7	5	7	0	0	81	81	—	—	13.1	—	31.6	59
Sirajganj	000	0	8	18	03	97	02	2	010	82	8	5	6	0	0	79	78	+ 5	0	7.7	− 5.4	20.7	64
Bogra	000	0	8	18	03	96	02	2	005	84	4	6	2	x	x	79	81		+ 3	9.9	− 4.7	23.4	69
Dinajpur	114	3	8	00	00	93	61	x	003	75	8	0	5	7	x	74	74	+ 1	− 4	8.6	− 6.1	15.8	73
Rangpur	155	9	8	16	02	96	61	6	019	75	8	7	6	x	x	73	75	− 2	− 3	19.8	+ 0.9	25.1	84
Jammu																							—
Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	972	95	0	0	9	0	0	61	81	+ 2	+ 1	0	− 1.9	6.4	19
Sialkot	000	0	0	00	00	97	00	0	967	92	0	0	9	0	0	73	81	+ 4	0	2.5	− 0.4	7.0	32
Jhelum	000	0	2	31	02	98	03	0	972	91	1	0	9	3	1	59	79	—	—	3.1	—	9.2	
Rawalpindi																		+ 4					—
Campbellpur	000	0	0	00	00	98	00	1	964	82	0	0	9	0	0	63	xx	—	—	0.6	—	8.9	96
Khushab	000	0	0	09	02	97	00	0	978	92	0	0	9	0	0	75	80	+ 1	− 3	0.1	− 1.5	5.1	15
Lyallpur	000	0	0	00	00	94	04	0	972	90	0	0	9	0	0	61	64	− 2	+ 1	0.5	− 0.9	4.3	12
Montgomery	000	0	0	00	00	96	02	0	973	91	0	0	9	0	0	74	84	− 2	0	0.2	− 0.9	3.3	10
Multan	000	0	3	00	00	96	03	0	974	88	3	5	6	0	0	67	82	0	− 4	0.3	− 0.4	2.9	7
Leiah	000	0	0	21	02	97	02	0	xxx	88	0	0	9	1	0	63	85	—	—	0		1.8	8
Khanpur	000	0	0	23	10	94	05	0	983	87	0	0	9	0	0	72	83	− 2	0	0	− 0.4	1.0	6
Bahawalpur	000	0	1	23	02	97	00	0	984	90	3	0	9	0	1	76	81	− 2	− 3	1.3	+ 0.9	2.1	6
Fort Abbas	000	3	0	25	02	98	00	0	987	93	0	0	9	0	0	71	83	—	—	0	—	0.3	8
Chakdara	000	0	0	36	02	97	00	0	959	81	0	0	9	0	0	55	70	—	—	0.1	—	9.4	—
Peshawar	000	0	0	05	02	97	03	1	981	90	0	0	9	0	1	59	76		− 4	0	− 0.3	6.6	11
Haripur	000	0	0	08	01	97	00	3	975	68	0	0	9	0	0	56	75	—	—	1.4	—	8.1	—
Bannu	000	0	0	00	00	99	00	0	967	88	0	0	9	0	0	57	75	—	—	0.4	—	3.4	11
D. I. Khan	000	0	0	05	02	98	00	0	973	89	0	0	9	0	0	62	81	0	− 2	0	− 0.7	2.9	9
Sibi	000	0	0	05	02	96	05	0	981	92	0	0	9	0	0	69	89	—	—	0	—	1.1	5
Nokkundi	000	0	0	34	05	98	02	0	985	90	0	0	9	0	0	44	79	—	—	0	—	0.1	2
Turbat	000	0	0	29	02	97	00	0	002	86	0	0	9	0	0	xx	xx	—	—	0	—	2.7	—
Jiwani	000	0	6	23	05	97	03	0	020	83	6	6	4	0	0	76	82	—	—	0	—	0.7	5
Pasni	000	1	2	29	05	96	03	0	011	84	0	0	9	0	2	78	81	+ 1	+ 2	0	− 0.3	0.2	6
Ormara	000	0	2	27	05	94	03	1	001	84	2	1	5	0	0	81	82	—	—	0	0	1.0	6
Lasbela																							8
Karachi (Manora)	000	0	6	27	14	96	03	2	003	80	8	6	4	0	0	74	78	+ 4	− 4	0	− 0.8	0	8
Karachi (Airport)	000	0	6	25	12	96	01	1	010	85	6	5	5	0	0	79	83	—	—	0	—	0	—
Nagarparkar																							—
Umerkot	000	0	8	23	06	97	02	0	994	86	8	5	7	0	0	76	81	—	—	0	—	0.1	—
Hyderabad	000	0	3	23	12	97	02	0	991	87	0	0	9	0	1	75	83	+ 2	+ 1	0	− 0.5	0.8	7
Badin	000	0	0	23	05	97	00	0	015	85	0	0	9	0	0	76	81	+ 6	− 1	0	− 1.5	0.6	9
Padidan	000	0	0	13	07	97	02	0	971	88	0	0	9	0	0	73	94	—	—	0	—	0.6	—
Nawabshah	000	0	0	18	03	96	02	0	989	88	0	0	9	0	0	73	84	—	—	0	—	0.4	—
Sukkur	000	0	0	20	03	97	02	0	975	85	0	0	9	0	4	74	83	—	—	0	—	0	4
Kashmore	000	0	0	00	00	99	00	0	999	02	0	0	9	0	0	85	86	—	—	0	—	0	—
Jacobabad	000	0	0	11	09	96	02	0	975	89	0	0	9	0	0	78	86	− 2	+ 1	0	− 0.3	0.8	4
Veraval																							20
Jalalabad																							
Muscat																							4
Kuwait																							5
Srinagar *	...	...	...	...	...	...	...	...	—	—	...	...	...	...	...	—	—	—		—	—	—	26
Gulmarg **																							—
Sonamarg **																							71
Dras **																							24
Leh **	...	—	...	...	...	...	—	—	—	...	...	—	...	...	—	—	—	—					3
Skardu *																							6
Misgar **																							—
A.Babad *																							—
Gilgit *																							8
Murree *	013	9	5	13	02	98	02	9	425	68	0	0	5	8	0	47	57	+ 4	− 2	3.4	− 1.1	21.7	59
Drosh *	000	0	6	00	00	98	09	2	446	73	6	0	9	3	0	50	65	− 4	− 6	0.8	—	12.8	18
Cherat *	000	0	0	31	15	98	00	3	463	77	0	0	9	0	0	73	62	+ 5	− 10	1.0	− 0.2	25.1	29
Kakul *	008	9	3	27	02	98	01	9	428	77	1	0	9	3	4	61	65	—	—	0.9	—	16.5	—
Landikotal *	000	0	2	09	00	98	03	0	418	82	0	0	9	0	9	67	67	—	—	0.5	—	12.2	—
Parachinar *	020	0	0	00	00	99	00	0	424	67	0	0	9	0	0	49	59	− 6	− 7	—	—	—	29
Miranshah *	000	0	0	00	00	99	00	0	418	78	0	0	9	0	0	55	71	—	—	0.1	− 0.9	1.9	13
Wana *	000	0	0	00	00	99	00	0	517	75	0	0	9	0	0	55	64	—	—	2.1	—	10.5	11
Fort Sandeman *	000	0	0	00	00	99	01	0	430	76	0	0	9	0	0	54	69	− 7	− 7	2.1	+ 1.4	6.9	11
Hindubagh *	000	0	0	00	00	97	00	0	409	72	0	0	9	0	0	56	59	—	—	0	—	3.8	—
Loralai *	000	0	6	29	03	99	01	2	427	73	0	0	9	2	1	66	62	—	—	0	—	4.2	9
Harnai *	000	0	0	00	00	97	00	0	xxx	87	0	0	9	0	0	54	81	—	—	0.3	− 0.6	3.4	14
Quetta *	000	0	0	00	00	96	00	0	412	76	0	0	9	0	0	61	65	—	—	0	− 0.2	4.2	9
Chaman *	000	0	0	09	05	98	00	0	417	84	0	0	9	0	0	42	75	− 3	− 1	0	0	1.3	8
Nushki *	000	0	0	09	02	98	00	0	468	86	0	0	9	0	0	32	75	—	—	0	—	1.6	—
Dalbandin *	000	0	0	23	03	95	05	0	425	83	0	0	9	0	0	66	70	− 3	− 5	0	0	1.1	4
Kalat *	000	0	0	18	03	98	00	0	423	72	0	0	9	0	0	27	61	− 5	− 1	0	− 0.2	1.9	7
Panjgur *	000	0	0	00	00	98	02	0	434	80	0	0	9	0	0	60	75	+ 1	+ 1	0	—	1.0	5
Kabul *																							12
Kandhar *																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 2nd JULY, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_oL_oL_o$	$L_oL_oL_o$ GG	N dd ff	VV $_{w_w}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dwarka	13 246	612 06	2 20 02	97 01 0	047 84	21 7 04	15 1 50	...	00 0 75	11 8 36
Vemasa	13 187	658 06	5 21 07	98 08 2	046 93	00 9 44	76 4 00	...	05 2 77	12 5 46
Chanuny	13 221	599 06	0 18 14	98 02 0	032 79	00 9 00	46 1 28	...	00 2 75	11 5 22
Islam	13 179	624 06	4 27 13	98 02 2	050 84	46 6 00	63 4 00	...	00 0 79	12 7 32
Riyadhmaru	13 228	612 12	0 19 08	97 02 0	020 84	00 9 00	36 8 05	...	00 2 xx	11 9 32
Venassa	13 195	647 12	8 26 15	98 03 2	038 84	53 4 1x	76 6 08	...	00 0 77	12 2 45
Islami	13 178	614 12	6 26 07	98 03 1	039 84	41 6 10	63 6 10	...	03 0 79	12 7 33
Velledista	13 233	611 12	6 11 10	98 01 0	061 84	xxx xx	35 3 13	...	05 2 60	11 7 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	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTTT$_d$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	...	...	140 672 122	...	306 088 042	431 502 572	576 578 652	746 672 732	957 808	234 892	...	...
Jiwani	...													
Karachi	...	00 00	998 288 252	...	140 180 999	...	307 142 999	434 022 999	578 610 999	747 658 999	959 792	236 982	422 125	...
Lahore	...	00 00	973 332 182	...	139 272 112	...	309 152 035	439 060 999	584 542 999	758 612 999	976 678	380 785	...	...
Multan	...													
Peshawar	...	00 00	959 255 145	...	140 260 999	...	307 155 999	437 085 999	585 58x xxx	761 600 999	977 710	...	...	...
Quetta	...													

STATION	Time of ascent in G.M.T.	At Significant Levels: PPPTTTT$_d$T$_d$T$_d$								Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st. HHHHHTT	st. HHHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	...												
Chittagong	...												
Dacca	...	00 00	999 282 262	900 202 175	800 152 295	350 732 795	250 888 952	...	...	...	...	250 088 952	...	...
Jiwani	...													
Karachi	...	00 00	...	...	—	—	...	...	...	—		157 125 999		
Lahore	...	00 00	900 302 148	800 228 068	...	...	...	...	...	...		800 228 068	...	...
Multan	...													
Peshawar	...	00 00	934 285 999	900 288 999	800 230 999	...	...	...	...	...		800 230 999	...	...
Quetta	...													

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 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 ...		25 03	25 03	25 04	22 03	26 03	21 06	30 06	30 07	23 19	21 27					17 11	18 12									
Chhor ...	22 11	23 15	23 19	21 01	32 08	34 11	34 12	35 11	25 19		31 05	36 23	09 04	35 07	38 09		25 04	31 09	19 03	01 01	20 03	21 04	24 06	...	...	...
Chittagong ...										23 19	23 23	22 25				22 25	22 08	22 10	...	...	...	...	...	...	...	...
Cox's Bazar ...	18 15	19 13	19 15	20 08	22 07	...	...	...	...	18 13	18 11	19 13	21 11	23 17	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	17 19	18 23	20 20	21 12	22 10	27 03	34 08	31 10	29 12	17 07	23 09					...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	29 15	28 23	28 18	29 16	33 19	32 16	28 17	29 16	21 19	21 18	21 10	24 05	31 05	17 12	17 18	17 12	21 13	22 12	31 08	...	...	...	...	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	25 15	33 18	23 22		...	...	25 17	18 18	30 15	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...	...	...	...	13 03	11 04	09 09	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	11 15	20 11	19 04	...	...	...	...	...	...	21 04	23 09	25 14	...	...	...	22 01	06 02	22 02	25 08	...	...	...	...
Jacobabad ...	18 07	19 07	19 07	28 07	14 17	29 17	30 21	30 14	26 31	17 16	18 08	15 06	16 04	25 05	26 06	...	...	...	...	...	...	...	...	...	...	...
Jacobabad ...	No	Ascent			28 11											19 21	19 21	23 15	...	...	...	...	...	...	...	...
Jaisalmer ...	17 02	21 04	23 04	28 05	33 04	25 03	24 03	24 07	23 05	...	...	...	...	...	...	23 01	30 02	27 06	28 06	27 05	23 04	25 07	28 07	24 09	...	...
Jiwani ...	20 09	26 10	27 09	34 10	34 15	34 10	34 08	03 10	36 13	33 08	25 07	30 04	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	24 19	26 20	26 19	29 11	34 09	25 10	35 14	36 19	30 09	...	...	...	...	...	...	26 16	27 20	...	...	...	...	...	...	...	...	...
Khanpur ...	22 17	21 15	21 13	22 13	21 11	20 13	21 11	30 14	33 36	...	...	...	...	...	...	22 10	23 11	23 12	19 14	21 11	21 10	16 13	19 19	...	...	...
Lahore ...	27 04	28 06	28 08	28 10	28 05	31 07	32 09	20 04	28 13	28 01	28 03	29 06	29 06	30 06	27 06	25 04	26 06	28 06	29 07	29 04	31 06	31 08	30 04	...	...	...
Multan ...	22 07	22 08	23 10	23 13	...	...	...	...	...	18 13	19 05	21 09	23 13	26 15	...	23 13	24 12	26 17	26 21	...	...	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	32 17	33 15	31 14	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	32 06	31 06	30 02	32 16	32 21	29 17	...	...	...	13 04	36 06	33 09	...	10 07	10 05	33 08	33 12	30 21	32 25	32 35	30 21	30 15	32 21
Peshawar ...	...	02 05	04 01	22 09	22 09	33 06	...	...	...	...	31 08	07 04	...	21 03	30 06	...	...	...	33 07	31 10	30 18	31 25	31 16	32 12	...	...
Quetta ...	...	...	...	...	28 16	27 23	...	...	...	...	...	...	...	...	...	...	...	...	...	22 03	30 03	29 09	27 18	...	...	...
Sherjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	09 05	10 04	25 04	32 08	07 05	...	...	...	...	19 13	10 20	21 20	22 20	21 13	...	08 03	17 06	...	...	...	...	...	...	...	...	...
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 ...	19 15	21 17	21 15	20 12	20 09	27 06	27 06	29 04	30 06	25 06	15 11	11 17	06 23	21 18	...	...	...	...
Karachi ...	26 25	25 29	27 29	27 26	31 23	33 13	32 12	34 12	34 29	24 15	25 28	21 27	17 20	...	...	...	...	...
Peshawar ...	...	31 08	07 04	13 04	36 06	33 03	33 15	03 09	31 06	33 05	33 11	...	...	...	...	...	...	...
Quetta ...																		

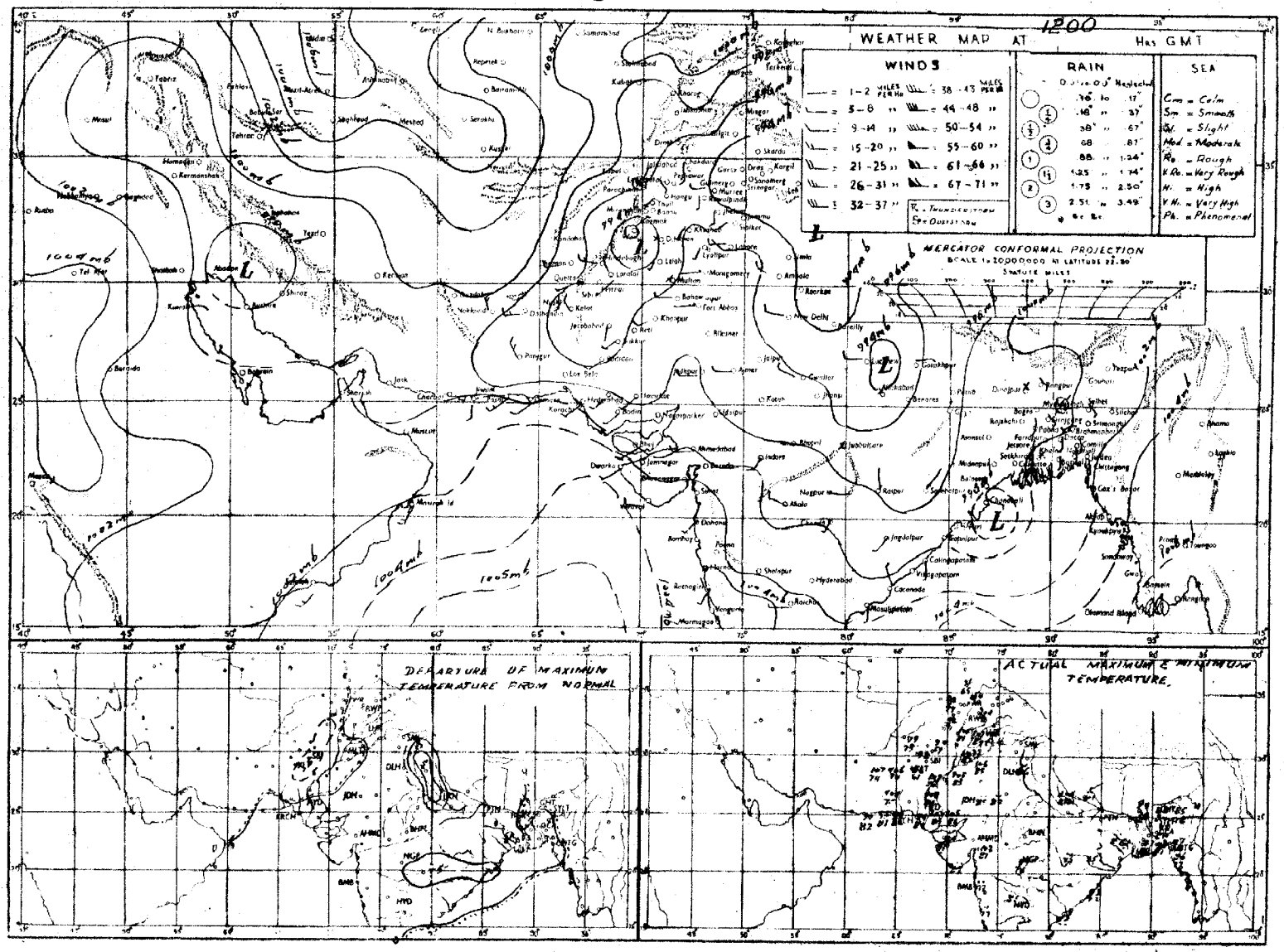
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

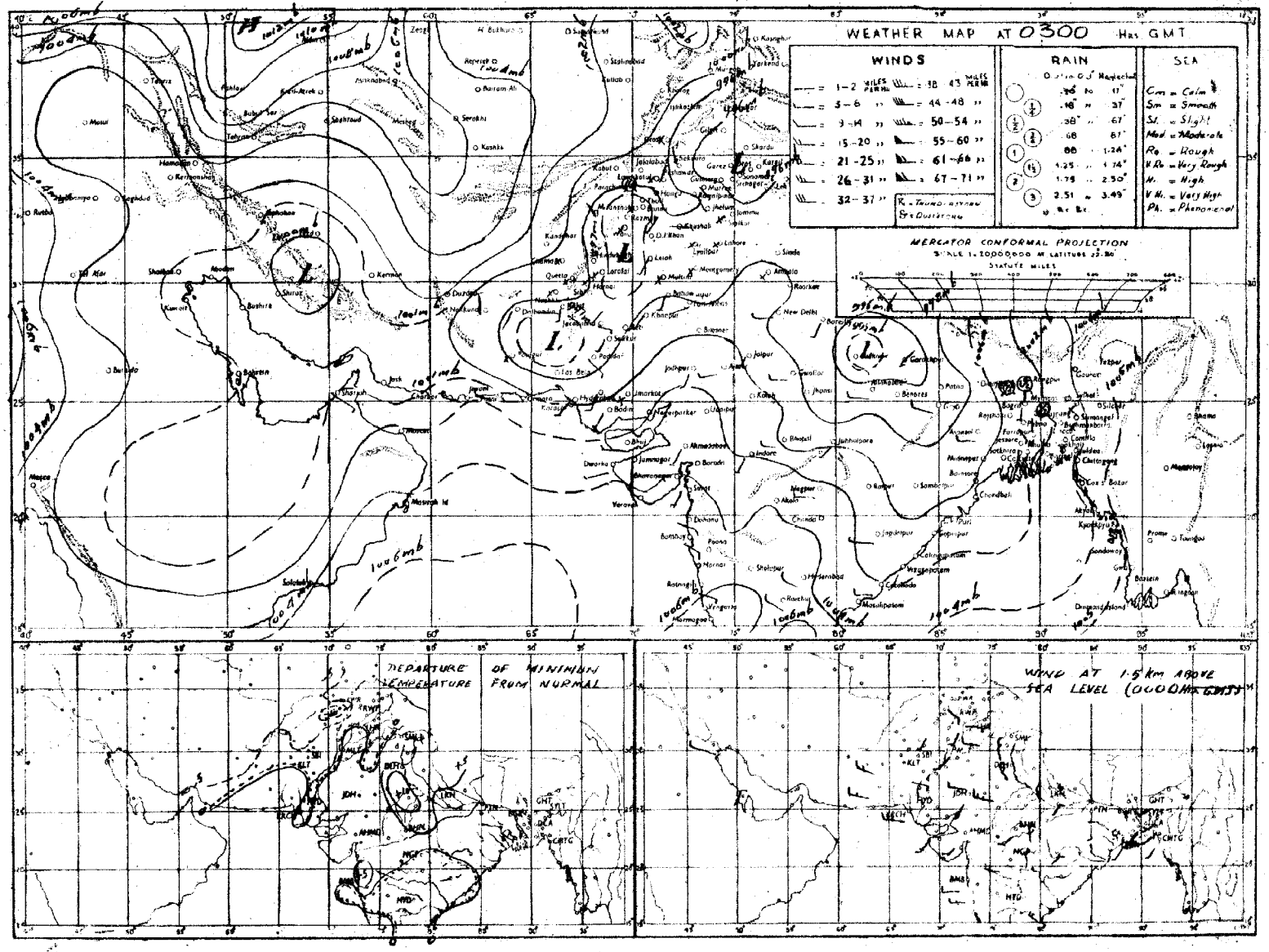
SUNDAY, 1st JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP

MONDAY, 2nd JULY, 1962



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

TUESDAY THE 3rd JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Axis of monsoon trough continues to run along the foot of Himalayas to the northwest Bay of Bengal.

Rain/thundershowers have been local in East Pakistan outside Khulna division.

Yesterday's trough of low over D. I. Khan division has moved to Sargodha and adjoining Multan divisions.

The shallow trough off Kathiawar-Konkan coast persists.

Thunderstorms have been scattered in Lahore, Rawalpindi, Bahawalpur, Peshawar and Khairpur divisions. Scattered rain has also been reported from Quetta division and a few duststorms from Multan and Khairpur divisions.

Chief amounts of rainfall are :—Srimangal 2"; Mymensingh, Dinajpur and Rangpur 1½" each; Sylhet and Rangamati 3/4" each; Cox's Bazar, Faridpur and Bogra 1/2" each and Harnai 1/4".

Day temperatures were 3—5 °F (2—3 °C) above normal in Khulna, Multan, Lahore, Sargodha and Rawalpindi divisions and 3—8 °F (2—4 °C) below normal in Quetta and north Kalat divisions.

Forecast valid until the evening of 4th July, 1962 :—Local rain/thundershowers will occur in East Pakistan, Rawalpindi division and in Kashmir. Scattered dust/thunderstorms are also likely to occur in Lahore, Peshawar and Sargodha divisions.

Karachi-11
The 3rd July, 1962.

M. AZHAR ADIL
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 1962 to date	Departure from normal	Since 1st January, 1962 to date	Annual Normal
		RRR	Ws	N	dd	f	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	Rangamati	058	C	6	18	05	97	€5	2	021	£0	4	7	6	6	x	79	92	014	8	5	18	02	57	05	6	039	86	3	4	6	4	3	79	77	—	—	—	—	—	—
	Cox's Bazar	000	D	7	20	13	97	02	1	008	64	4	2	5	7	0	79	67	C39	8	6	13	03	97	01	6	030	83	3	4	5	7	0	77	76	+ 1	-- 1	45.8	+11.5	56.5	140
	Chittagong	000	0	7	18	09	97	02	2	004	83	4	5	6	0	0	77	87	000	0	5	13	06	57	11	1	127	84	1	2	6	2	3	75	79	+ 1	+ 2	29.1	+ 6.0	42.5	108
	Maijdee Court	000	9	4	16	C5	57	03	0	999	85	4	1	7	D	0	77	87	000	9	8	13	05	96	03	2	080	82	5	5	5	2	x	79	80	+ 1	+ 1	17.3	— 5.4	36.7	115
	Comilla	000	0	6	13	02	96	02	0	030	84	6	4	4	x	x	78	xx	000	0	8	18	05	97	02	0	953	86	8	4	5	0	0	79	76	—	— 1	17.5	— 2.4	29.7	94
	Brahmanbaria	000	0	5	18	02	97	03	1	955	86	2	5	5	C	4	81	xx	000	0	0	18	05	97	03	1	026	84	6	4	5	0	C	78	79	—	—	15.3	— 0.4	32.8	78
	Sylhet	000	0	6	13	03	96	03	2	998	84	5	4	6	7	1	78	87	C€5	3	8	C9	12	96	61	1	032	75	6	5	5	2	x	74	73	—	—	37.9	—	67.0	—
	Srimangal	200	2	6	00	00	95	03	6	C09	80	6	0	4	0	0	79	91	200	0	0	00	C0	56	00	0	029	86	0	0	9	0	0	77	78	+ 4	0	20.3	0	36.7	96
Dacca	Mymensingh	100	0	8	27	02	57	C2	1	993	83	8	7	4	x	x	80	88	125	9	4	13	C7	57	02	9	024	82	4	4	5	0	0	79	76	+ 1	— 2	20.1	+ 1.0	35.1	91
	Narayanganj	00	9	6	16	03	96	03	2	988	86	4	4	3	0	8	79	91	C0	9	8	16	05	97	02	2	016	85	8	4	3	x	x	79	81	+ 3	+ 2	11.7	— 1.9	29.0	74
	Dacca (Tezgaon)	000	9	6	18	05	57	02	2	983	85	1	5	4	0	3	79	89	000	9	7	18	02	91	02	2	017	85	6	4	4	0	1	79	81	—	—	7.6	—	22.5	—
	Faridpur	045	2	7	20	C3	96	02	6	999	87	5	4	6	1	0	81	xx	145	8	7	16	02	97	12	2	009	85	6	5	6	1	0	77	79	—	+ 1	8.0	— 5.9	21.3	71
Khulna	Barisal	000	0	4	13	02	97	02	2	014	87	4	0	9	4	0	80	90	000	C	6	13	02	97	12	2	019	86	6	7	6	C	C	77	81	+ 2	+ 2	13.2	— 3.4	26.1	81
	Khulna	000	0	5	00	00	97	01	2	918	88	5	5	5	0	0	81	92	000	0	3	00	C0	97	01	1	019	87	3	5	6	0	0	81	81	+ 4	+ 3	15.2	+ 1.3	24.9	68
	Satkhira	000	0	5	00	00	97	03	2	999	86	2	4	6	2	0	80	92	000	0	4	00	C0	97	03	2	025	88	4	4	6	2	0	78	81	+ 3	+ 3	14.3	+ 1.8	21.5	65
	Jessore	000	0	4	18	C5	97	02	2	991	87	2	4	6	6	0	80	91	000	0	7	18	C9	57	03	2	014	86	5	5	6	6	2	82	79	-	—	6.4	— 7.1	16.6	65
Rajshahi	Pabna	000	0	7	18	05	98	03	2	972	89	3	9	6	0	2	82	92	000	9	6	13	C5	58	03	9	013	85	4	8	7	0	2	79	79	—	—	13.3	—	31.6	59
	Sirajganj	000	0	8	05	03	97	02	2	974	82	8	5	5	C	0	78	89	00C	1	8	18	02	58	02	2	016	84	8	1	5	C	4	80	79	+ 2	+ 1	7.7	— 5.8	20.7	64
	Bogra	063	3	8	13	C2	96	02	6	983	79	4	9	4	2	x	78	89	06	0	6	23	07	56	02	6	016	85	2	5	4	2	0	79	77	0	— 1	10.5	— 4.1	23.0	69
	Dinajpur	160	3	7	C9	02	96	C3	8	980	76	7	7	5	x	x	75	xx	160	3	7	C0	10	56	02	2	012	79	7	5	6	x	x	77	75	—	- 3	10.2	— 5.1	17.4	72
	Rangpur	135	6	7	18	02	96	01	6	999	82	7	5	6	0	0	75	83	135	0	6	19	2	96	01	3	022	83	6	0	9	2	0	79	75	— 5	— 3	22.1	7.7	26.4	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	2	31	02	95	39	9	932	03	2	0	9	7	C	56	67	002	1	6	C0	10	55	05	6	976	88	6	0	9	7	0	70	83	+ 5	+ 3	0	— 2.0	6.4	15
	Sialkot	000	0	0	31	03	97	C0	0	916	04	0	C	9	0	0	65	66	000	0	C	C0	C0	57	00	0	961	94	0	0	9	0	0	67	83	+ 6	+ 2	2.5	— 0.6	7.0	32
Rawalpindi	Jhelum	000	0	0	18	02	98	C1	0	918	C4	0	0	9	C	0	55	05	000	3	4	26	C2	55	15	2	962	90	0	0	9	0	6	65	xx	—	—	3.1	—	5.2	—
	Rawalpindi	000	0	2	03	02	98	01	2	921	01	2	2	7	0	0	54	03	000	0	1	21	C2	58	01	2	556	56	1	0	9	0	4	60	79	+ 3	+ 2	1.7	— 1.1	8.3	36
	Campbellpur	000	0	0	00	C0	98	00	0	908	C3	0	0	9	0	0	51	15	000	0	1	C0	C0	97	01	C	558	85	1	0	8	0	0	59	79	—	—	0.6	—	8.9	—
Sargodha	Khushab	000	0	0	18	02	97	30	0	939	05	0	0	9	0	0	18	x-	000	0	0	C0	C0	96	05	4	566	92	0	0	9	0	C	78	83	—	0	0.1	— 1.5	5.1	15
	Lyallpur	000	0	0	00	00	97	C0	0	929	06	0	0	9	0	0	61	C6	000	0	5	00	00	56	C2	0	972	89	5	0	9	4	C	65	84	+ 2	+ 1	0.5	— 1.0	4.3	13
Multan	Montgomery	000	0	4	18	21	96	02	0	944	02	4	3	6	0	0	69	C5	000	0	5	23	12	96	02	2	979	88	0	0	9	0	7	67	83	0	1	0.2	- 1.0	3.3	10
	Multan	000	0	6	C0	00	97	09	1	930	01	2	5	6	3	1	70	C7	000	0	6	18	C3	56	C3	1	563	90	2	5	6	3	1	69	84	+ 4	— 2	0.3	— 0.4	2.0	7
	Leiah	000	0	0	05	02	97	00	0	xxx	02	0	0	5	0	0	70	C8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—					8
Bahawalpur	Khanpur	000	0	1	00	00	95	C5	0	928	C7	1	1	7	0	C	63	C8	000	9	5	23	09	94	16	5	578	87	5	0	9	3	0	73	81	+ 1	— 2	0	— 0.5	1.0	6
	Bahawalpur	000	0	0	25	C2	97	00	0	960	C0	0	0	9	C	0	72	01	000	0	4	20	02	98	C0	C	574	91	4	0	9	C	1	67	81	- 4	— 3	1.3	+ 0.9	2.1	6
	Fort Abbas	000	0	0	20	02	98	00	0	930	08	C	0	9	0	0	60	C9	000	C	0	27	C2	58	C0	D	572	85	0	0	9	0	0	68	85	—		0	—	0.3	8
Peshawar	Chakdara	000	0	3	18	02	97	03	1	855	01	3	0	9	3	0	6C	92	000	0	0	18	02	57	00	0	956	84	0	0	9	0	0	57	73	-		0.1	--	9.4	—
	Peshawar	000	0	3	05	03	97	02	0	575	02	1	9	6	0	1	57	03	000	0	4	C0	C0	58	02	0	569	92	1	2	6	3	1	61	78	— 1	— 2	0	— 0.3	6.6	11
	Haripur	000	0	2	00	00	96	00	0	917	02	2	1	6	C	0	11	C3	000	0	0	15	C2	57	C0	C	560	89	0	0	9	C	0	54	77	—	—	1.4	—	8.1	—
D. I. Khan	Bannu	000	0	0	C0	00	99	00	0	922	C3	0	0	9	0	0	51	12	000	C	0	0	CC	99	0	0	949	53	0	0	9	0	0	47	73	—	—	0.4	—	3.4	11
	D. I. Khan	000	0	0	00	00	98	00	C	526	06	0	0	9	0	0	67	C7	000	0	0	L0	00	98	C0	C	96	87	0	0	9	0	0	72	82	+ 2	— 1	0	— 0.7	2.9	9
Quetta	Sibi	000	6	8	23	09	96	07	1	964	59	4	1	9	4	2	48	CC	000	2	5	00	0	57	05	1	983	89	0	1	9	4	2	67	85	—	—	0	—	1.1	5
Kalat	Nokkundi	000	0	0	34	05	57	02	0	919	06	0	0	9	0	0	64	C8	000	C	(	34	15	98	07	0	963	90	0	0	9	0	0	37	82	—	—	0	—	0.1	2
	Turbat	000	0	0	23	03	96	C7	0	934	C9	0	0	9	0	0	xx	11	000	0	0	13	C2	57	C0	0	984	88	0	0	9	0	0	xx	xx	—	—	0	—	2.7	—
	Jiwani	000	0	2	18	10	97	03	1	966	87	1	6	4	0	0	77	89	000	0	2	17	C5	97	10	0	976	84	2	6	4	0	0	78	80	—	—	0	—	0.7	5
	Pasni	000	E	0	25	24	95	07	1	956	87	0	0	9	0	0	78	92	000	2	2	C7	05	96	13	0	984	62	6	C	9	3	0	79	78	0	— 1	0	— 0.3	0.2	6
Karachi Division	Ormara	000	0	1	23	10	55	C3	1	960	90	1	1	6	0	0	79	91	000	0	6	27	C2	57	13	2	981	85	6	1	5	0	0	79	82	—	—	0	0	1.0	6
	Lasbela	000	0	3	02	05	56	03	3	951	01	0	0	8	5	6	76	66	...										...						...	—					8
	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...	...		...		...	...	...	000	0	5	27	07	56	C3	2	982	81	5	6	4	7	1	73	79		— 2	0	— 0.8	0	8
	Karachi (Airport)	000	0	6	25	16	56	01	2	967	88	6	5	6	0	0	83	91	000	0	7	27	09	56	13	1	981	84	7	6	5	0	0	80	82	—	—	0	—	0	—
Hyderabad	Nagarparkar	...		...										...					000	0	1	27	02	97	C0	C	776	86	C	1	7	0	0	74	70	—	—	0	—	0	—
	Umerkot	000	0	8	20	05	98	02	0	944	80	8	5	7	0	0	73	01	000	0	8	20	C3	97	02	0	976	86	8	5	7	0	0	77	81	—	—	0	—	0.1	—
	Hyderabad	000	0	0	23	09	97	02	0	947	95	0	0	9	0	0	74	C4	000	0	0	23	07	57	C2	0	573	86	0	0	9	0	0	74	83	+ 3	+ 1	0	— 0.6	0.8	7
	Badin	000	C	0	23	05	97	00	0	592	97	0	0	9	0	0	74	00	000	0	0	23	02	97	C0	0	CC2	85	0	0	9	0	0	78	81	+ 3	— 1	0	— 1.7	0.6	9
Khairpur	Padidan	000	0	C	C0	C0	97	02	0	919	09	0	0	9	0	0	61	10	000	0	3	13	05	57	12	0	963	87	3	0	9	4	0	74	85	—	—	0	—	0.6	—
	Nawabshah	000	0	1	18	03	96	02	0	927	10	1	0	9	3	0	61	11	000	0	4	13	02	96	03	0	575	86	0	0	9	C	1	74	83	—	—	0	—	0.4	—
	Sukkur	000	0	0	20	C2	96	02	0	919	C7	0	0	9	0	0	71	C8	000	9	0	16	C5	57	C2	3	969	85	0	0	9	0	0	76	84	—	—	0	—	0	4
	Kashmore	000	0	0	00	00	99	00	0	973	xx	C	0	9	0	C	67	xx	000	0	4	00	00	59	C2	2	597	02	4	F	5	C	0	65	85	—	—	0	—	0	—
	Jacobabad	000	0	0	13	03	96	01	0	920	07	0	0	9	C	0	77	C8	002	9	0	C5	03	56	01	9	976	10	0	0	9	0	0	75	83	— 3	— 2	0	— 0.3	0.9	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								
Arabia	Muscat																																								4
	Kuwait																																								5
	HILL STATIONS																																								
Kash. I.	Srinagar *																																								26
	Gulmarg **																																								—
	Sonamarg **																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu *																																								6
	Misgar **																																								—
	Aliabad *																																								—
	Gilgit *																																								5
Rawalpindi	Murree *	000	0	6	C7	09	98	02	1	391	71	3	1	4	8	0	49	60	000	9	C	C0	00	58	01	1	421	72	0	C	5	0	0	45	61	+ 4	+ 2	3.4	— 1.5	21.7	59
Peshawar	Drosh *	000	6	6	C5	17	97	07	9	410	62	6	9	7	0	0	36	94	000	9	7	00	00	57	03	9	439	75	3	8	7	5	0	57	68	— 1	— 3	0.8	—	12.8	18
	Cherat *	000	0	0	07	13	98	C0	0	477	90	0	2	9	0	0	67	94	000	0	0	C5	13	98	00	0	454	80	0	0	9	0	0	77	80	+ 3	+ 8	1.0	— 0.2	25.1	29
	Kakul *	000	8	4	05	14	58	07	1	414	85	4	4	6	0	C	48	92	000	9	1	31	C3	98	11	9	418	80	1	4	7	3	0	49	70	—	—	0.9	—	16.?	—
	Landikotal *	000	0	1	C0	00	98	05	0	394	96	0	0	9	0	4	74	57	000	0	2	C0	00	56	03	0	412	83	2	2	7	0		34	69	—	-	0.5	—	12.2	—
	Parachinar *	000	0	6	13	C2	98	03	C	404	01	6	6	8	0	0	49	xx	000	0	0	C0	CC	99	00	0	469	75	L	0	9	0	0	61	59	—	- 7	1.9	—	15.4	29
D. I. Khan	Miranshah *	000	0	4	00	00	99	02	2	476	95	4	4	9	0	0	79	98	000	0	0	00	C0	59	00	0	413	83	0	0	9	0	0	53	76	—	—	0.1	— 0.9	1.9	13
	Wana *	000	0	4	23	02	99	01	1	513	93	4	1	9	0	0	77	91	000	0	0	00	C0	99	C1	1	513	75	4	0	9	5	0	63	63	—	—	2.1	—	10.5	11
Quetta	Fort Sandeman *	000	0	3	?1	01	99	03	1	409	11	3	0	8	3	0	53	95	000	0	0	00	CC	55	01	0	434	78	0	0	9	0	0	50	74	— 8	— 5	2.1	+ 1.3	6.9	11
	Hindubagh *	000	0	8	09	10	97	10	0	357	79	8	8	6	0	0	57	61	000	0	2	CC	10	57	C0	0	437	65	0	0	9	0	5	43	58	—	—	0	—	3.8	—
	Loralai *	000	0	7	16	03	98	02	2	316	87	0	4	8	2	1	72	91	000	C	0	73	02	59	00	0	416	77	0	0	9	0	0	66	62	—	—	0	—	4.1	9
	Harnai *	032	4	9	0	00	96	C3	6	xxx	64	9	x	5	x	x	58	66	032	0	3	C0	C0	57	C3	0	xxx	80	1	1	5	0	1	55	76	—	—	0.6	— 0.3	3.7	14
	Quetta *	000	C	7	27	02	96	12	C	407	55	7	3	5	0	0	63	F8	000	0	0	C0	00	56	C0	0	414	74	0	0	9	0	0	51	61	—	—	0	— 0.2	4.2	9
	Chaman *	000	0	0	27	C7	58	C0	C	379	58	C	0	9	C	0	47	59	000	0	0	09	C5	58	C0	C	406	82	0	0	9	0	C	41	74	— 3	— 2	0	0	1.3	6
	Nushki *	000	0	0	27	02	98	C2	C	437	C0	C	C	5	0	0	35	63	000	0	0	C9	C2	58	02	0	461	90	0	0	9	0	0	47	75	—	-	0	—	1.6	—
	Dalbandin *	000	5	4	36	05	96	C3	0	409	03	4	0	9	4	0	41	C5	000	9	0	00	0.	56	C2	0	406	85	0	0	9	0	L	37	73	— 4	— 2	0	0	1.1	4
Kalat	Kalat *	000	0	0	31	05	98	C0	0	376	83	0	C	9	0	C	27	88	000	6	0	1F	03	98	00	0	411	71	(	0	5	0	0	47	64	— 3	— 1	0	— 0.3	1.9	7
	Panjgur *	000	C	0	34	16	96	17	0	404	00	0	C	9	C	0	48	02	000	0	0	L0	C0	98	12	0	412	83	0	0	9	C	0	48	74	— 1	— 3	0	—	1.0	6
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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 3rd JULY, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ss W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_ed_eP_eH_e$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dumra	232 41	599 00	4 20 05	98 03 1	000 28	45 3 00	55 7 0		05 4 26	12 0 32
Dwarka	232 48	649 00	3 23 15	98 03 0	016 28	38 3 00	25 4 00	...	00 0 26	12 3 xx
Caltex Delfi	232 22	614 06	4 22 13	98 02 1	021 28	29 3 40	...	...	00 4 25	12 2 22
Mohammadi	231 67	418 06	6 22 18	98 03 2	052 28	63 5 00	24 7 05	...	00 2 25	
Riyadhmaru	231 97	654 06	3 25 08	97 02 0	045 30	31 4 00	36 2 05	...	00 4 xx	12 5 32
Yeonsas	232 26	806 06	6 22 20	97 03 2	011 27	44 4 12	76 8 15	...	05 2 28	12 2 25
Caltex Utichit	231 74	579 06	3 22 17	98 01 2	046 28	42 3 00	...	...	00 0 27	12 2 23
Insella	232 86	495 07	0 15 02	98 02 0	045 32	00 9 00	36 2 10	...	05 2 28	10 0 x0
Udomaru	231 10	638 12	1 26 15	98 02 0	003 31	15 5 00	75 7 20	...	00 2 16	12 6 32
Esalin	232 66	510 12	1 02 04	98 02 0	020 34	00 9 08	36 7 19	...	00 1 27	11 2 x0
Caltex Delfi	232 21	602 12	1 22 12	98 02 0	982 29	00 9 07	...	...	00 2 25	12 2 21
Udomaru	232 19	625 18	4 23 23	98 02 1	994 28	45 4 xx	25 7 02	...	05 2 25	12 3 32
Venasas	222 49	581 18	0 99 03	98 05 0	994 32	00 9 00	06 3 20	...	00 1 29	14 9 xv

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb HHHTTTTdTdTd	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	...	...	—									
Jiwani	...													
Karachi	...	00 00	995 282 355	518 xxx xxx	...	137 192 128	...	306 108 035	435 055 542	580 525 612	753 585 692	975 692	267 858	—
Lahore	...	00 00	973 342 182	...	...	140 465 995	...	308 155 995	436 018 992	583 565 995	754 608 990	968 765	250 968	—
Multan	...					140 252 168	...	307 085 995	432 522 998	574 595 995	743 698 992	951 845	224 030	...
Peshawar	...	00 00	956 268 125	...	...	138 312 155	...	301 185 082	440 082 005	587 522 522	760 650 990	974 725	...	...
Quetta	...													

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTTdTdTd								Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	...												
Chittagong	...												
Dacca	...	00 00	999 778 262	900 215 165	800 168 598	522 002 588	350 628 745	...	...	...	...	350 628 745	...	...
Jiwani	...													
Karachi	...	00 00	900 210 xxx	800 230 xxx	350 680 xxx	250 840 xxx	158 100 xxx	...	...	...	...	158 100 xxx	...	—
Lahore	...	00 00	900 280 170	800 218 158	...	...	...	...	...	...	—	800 218 158	...	—
Multan	...													
Peshawar	...	00 00	910 362 202	900 220 010	800 272 122	...	...	—	—	—	—	800 272 122	—	...
Quetta	...													

PPP—Pressure in hundreds tens and units of millibars.

TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenth of °C.)

St—Character of tropopause.

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

TT—Dry Bulb temperature in °C.

50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

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

Height in kms. a.s.l. →	At 0000 hrs G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	21 09	23 15	22 17	20 13	21 10	29 11
Chaklala	...	08 04	17 04	24 04	23 01	29 04
Chhor	22 21	24 21	25 18	28 05	26 10	33 11
Chittagong	...	...	...	...	...	...
Cox's Bazar	19 09	19 09	20 08	...	...	...
Dacca	22 12	20 14	20 12	28 08	24 03	23 06
Dalbandin	...	...	24 05	33 15	33 07	24 03
D. I. Khan	...	...	...	...	...	...
Drosh	...	...	...	17 01	16 01	06 03
Port Sandeman	...	...	...	30 08	31 12	34 17
Jacobabad	16 09	19 06	26 02	26 05	30 10	32 13
Jessore	20 16	21 15	20 14	19 08	...	...
Jhelum	11 03	32 05	30 26	30 06	33 02	13 01
Jiwani	03 03	01 04	01 10	04 11	...	...
Karachi	...	...	...	...	...	...
Khanpur	25 09	22 12	21 15	20 26	13 06	...
Lahore	07 09	05 08	05 05	04 05	—	...
Multan	21 14	22 19	23 18	...	...	...
Peshawar	...	...	...	...	...	...
Panjgur	...	...	...	35 15	34 16	35 10
Peshawar	...	07 02	xx xx	xx xx	32 05	29 06
Quetta	...	...	...	...	34 01	31 06
Sharjah	...	...	...	...	...	...
Sylhet	...	...	...	...	...	...
Varavai	...	...	...	...	...	...

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	18 07	20 06	23 06	23 02							
Chaklala	...	27 01	22 03	22 03	27 02	36 03	25 06	23 15	24 20	26 27	...
Chhor	23 15	22 14	21 01	32 04	...	...	...	...	...	...	...
Chittagong	17 10	17 11	18 13	...	...	...	...	...	...	...	...
Cox's Bazar	16 01	16 12	17 10	...	...	...	...	...	...	...	...
Dacca	21 10	22 08	21 11	21 10	...	...	...	...	...	...	...
Dalbandin	...	...	24 01	21 02	24 05	22 10	22 11	33 10	32 14	34 18	...
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	20 04	28 02	...	...	...	...	...
Port Sandeman	...	...	...	...	...	...	...	...	...	...	...
Jacobabad	13 06	08 04	35 07	35 09	36 08	35 15	01 23	36 20	20 19	31 43	26 11
Jessore	17 05	17 11	17 13	16 09	...	...	...	...	...	...	...
Jhelum	14 03	06 03	01 02	xx xx	xx xx	29 04	21 06	20 07	22 15	...	...
Jiwani	08 11	06 12	06 13	05 13	05 01	01 13	34 17	33 12	33 09	04 03	29 01
Karachi	27 08	29 10	29 11	...	...	...	...	...	...	...	...
Khanpur	22 13	21 15	19 15	17 15	...	...	...	...	...	...	...
Lahore	29 02	27 02	24 01	02 02	35 02	35 07	...	...	...	...	...
Multan	21 09	21 09	19 20	13 03	09 07	13 07	...	...	...	...	...
Peshawar	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	35 06	36 13	35 05	35 10	35 16	36 16	29 12	28 13
Peshawar	...	06 03	02 03	35 10	32 17	33 13	29 05	26 11	26 11	26 07	29 08
Quetta	...	...	...	...	31 04	33 11	34 04	11 06	06 07	01 13	38 12
Sharjah	...	...	...	...	...	...	...	...	...	...	...
Sylhet	08 05	xx xx	xx xx	23 16	23 16	23 15	...	...	...	...	...
Varavai	...	...	...	...	...	...	...	...	...	...	...

†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	17 16	20 16	20 16	20 08	21 06	24 04	24 06	23 08	18 06	07 08	14 07	...	...	...	...	...	...	...
Karachi	26 16	26 17	28 18	28 17	29 15	31 12	31 03	06 06	34 05	22 19	23 22	23 14	22 33	18 18	...	...	...	...
Peshawar	...	14 08	06 04	06 02	31 06	31 10	34 18	32 09	24 04	22 15	28 25	28 31	29 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.

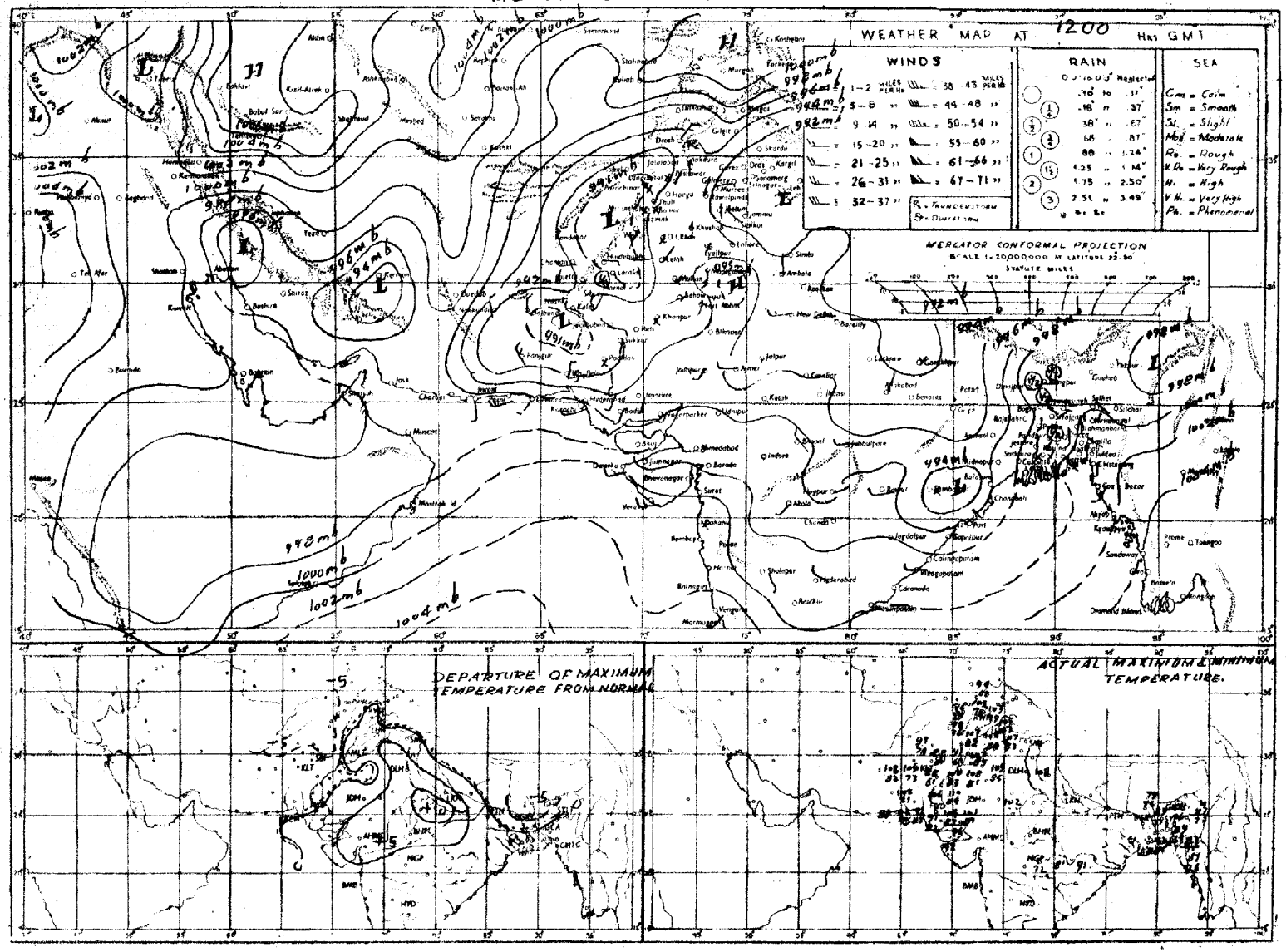
Cloud observation Data (GGiii Cdd V_rV_r etc.)

11 712 33 6 00 917 00 70

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

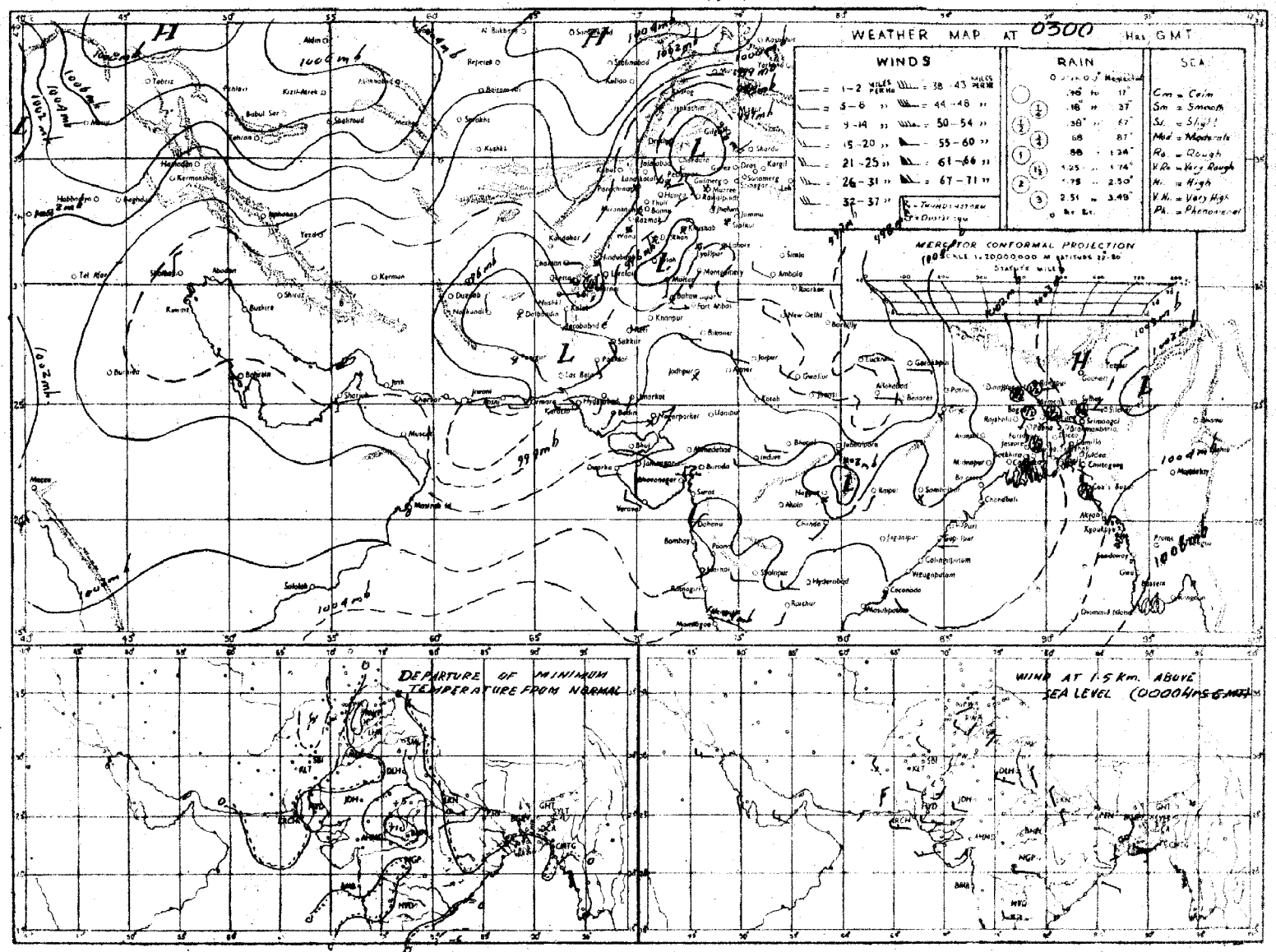
MONDAY 2nd: JULY 1962.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY, 3rd JULY, 1962.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

WEDNESDAY THE 4th JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Axis of monsoon trough has shifted southwards and runs across Utter Pradesh to northwest Bay of Bengal.

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

The trough of low over Sargodha and Multan divisions has moved away northeastwards.

A westerly low pressure wave is moving across north of Afghanistan with its associated trough extending to D. I. Khan division.

Yesterday's trough off Kathiawar coast is well marked.

Scattered thunderstorms/showers have been reported from Rawalpindi, Bahawalpur and Peshawar divisions. A few duststorms have also occured over Multan division.

Chief amounts of rainfall are :—Mymensingh 1½"; Rangpur 3/4" and Sylhet and Barisal 1/4" each.

Day temperatures were:—2 —5 °F (1—3 °C) above normal in East Pakistan as well as over Lahore, Sargodha, Rawalpindi and Karachi divisions and were 3—7 °F (2—4 °C) below normal in Khairpur, Quetta and north Kalat divisions.

Forecast valid until the evening of 5th July, 1962 :—Local thunderstorms/showers are likely in Chittagong and scattered elsewhere in East Pakistan and in Peshawar, Rawalpindi, D. I. Khan, Sargodha and Hyderabad divisions and Kashmir.

rachi-11
e 4th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
for Director, Meteorological Service.

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

Division	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	Rangamati	080	0	7	18	02	96	05	3	014	83	4	8	6	8	x	77	92
	Cox's Bazar	003	0	7	13	13	97	03	2	005	82	4	3	5	7	0	78	86
	Chittagong	000	0	8	18	14	97	03	2	999	84	4	3	6	3	0	77	88
	Maijdee Court	010	4	5	13	05	97	28	6	997	85	3	2	5	2	0	79	86
	Comilla	000	0	8	18	05	96	02	0	030	89	8	4	4	x	v	79	90
	Brahmanbaria	000	0	4	18	03	97	03	1	998	84	2	5	5	0	7	78	88
	Sylhet	000	0	6	00	00	96	02	2	956	84	3	6	5	7	1	78	90
	Srimangal	010	1	8	00	00	95	03	6	983	88	8	0	3	0	6	79	93
Dacca	Mymensingh	170	4	8	23	02	97	02	6	994	81	8	7	4	x	x	78	90
	Narayanganj	000	0	6	18	02	96	03	2	988	85	3	4	2	3	8	79	91
	Dacca (Tezgaon)	007	0	6	03	22	97	31	3	983	83	1	1	6	0	1	79	89
	Faridpur	000	0	6	16	02	96	02	2	980	87	4	4	6	1	0	89	91
Khulna	Barisal	000	0	8	18	02	97	02	2	992	87	6	7	6	4	0	79	90
	Khulna	000	0	5	18	03	96	02	1	984	87	5	5	6	0	0	80	91
	Satkhira	000	0	6	00	00	97	03	2	997	89	4	4	6	2	0	78	94
	Jessore	000	0	5	18	02	97	02	2	990	87	5	4	6	0	0	83	89
Rajshahi	Pabna	006	6	7	13	05	98	01	6	975	91	5	2	6	7	0	81	92
	Sirajganj	000	0	6	00	00	97	03	1	982	85	6	0	9	0	4	79	88
	Bogra	000	0	7	13	02	96	03	2	981	87	5	4	5	2	0	81	90
	Dinajpur	000	9	4	09	02	96	01	2	971	87	4	5	6	x	x	79	90
	Rangpur	070	1	8	13	02	96	03	2	990	83	8	7	6	x	x	81	85
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	31	03	95	05	0	926	05	0	0	9	0	0	61	06
	Sialkot	000	0	0	00	00	97	00	0	919	05	0	0	9	0	0	64	08
Rawalpindi	Jhelum	000	3	3	27	03	97	02	9	924	05	2	3	6	1	0	59	09
	Rawalpindi	000	0	6	09	02	98	03	0	920	97	4	2	7	4	0	55	05
	Campbellpur	000	0	3	00	00	97	01	1	897	09	2	2	8	7	1	47	09
Sargodha	Khushab	000	4	0	27	07	94	05	4	965	90	0	0	9	0	0	79	xx
	Lyallpur	000	0	0	00	00	97	00	0	922	07	0	0	9	0	0	61	07
Multan	Montgomery	000	0	2	00	00	96	02	0	931	05	2	0	9	4	0	66	07
	Multan	000	0	0	18	02	97	02	0	925	06	0	0	9	0	0	61	07
	Leiah	000	0	0	31	02	97	00	0	xxx	08	0	0	9	0	0	78	10
Bahawalpur	Khanpur	000	1	2	05	03	95	17	9	926	xx	2	5	6	0	0	66	07
	Bahawalpur	000	0	5	23	02	98	00	0	xxx	03	0	0	9	1	1	68	05
	Fort Abbas	000	0	0	27	02	98	00	0	935	07	0	0	9	0	0	28	09
Peshawar	Chakdara	000	0	2	36	02	97	01	0	907	92	2	0	9	3	0	52	02
	Peshawar	000	0	1	23	12	98	02	0	921	04	1	3	6	3	0	xx	06
	Haripur	000	0	0	23	01	97	00	0	914	03	0	0	9	0	0	54	04
D. I. Khan	Bannu	000	3	5	09	02	97	07	0	928	00	0	0	9	0	4	47	07
	D. I. Khan	000	0	6	00	00	96	05	3	924	02	6	0	9	3	7	52	0x
Quetta	Sibi	000	9	2	18	02	97	05	0	927	09	0	0	9	2	1	72	11
Kalat	Nokkundi	000	0	0	34	05	97	02	0	899	07	0	0	9	0	0	44	09
	Turbat	000	0	0	23	09	97	00	0	917	11	0	0	9	0	0	xx	18
	Jiwani	000	0	0	13	99	97	02	0	947	90	0	0	9	0	0	81	92
	Pasni	000	6	6	16	10	97	03	1	949	91	0	0	9	4	3	76	92
Karachi Division	Ormara	000	0	1	20	09	95	03	1	948	92	1	1	6	0	0	76	94
	Lasbela																	
	Karachi (Manora)	000	0	3	25	10	96	01	1	953	88	3	6	4	0	0	80	94
	Karachi (Airport)	000	0	3	23	12	98	02	1	955	89	3	5	6	0	0	82	92
Hyderabad	Nagarparkar	000	0	0	27	02	97	00	0	934	02	0	0	9	0	0	66	xx
	Umarkot	000	0	0	23	04	98	02	0	933	04	0	5	7	0	0	74	04
	Hyderabad	000	0	0	23	14	97	02	0	936	99	0	0	9	0	0	73	04
	Badin	000	0	0	23	02	97	00	0	971	01	0	0	9	0	0	74	03
Khairpur	Padidan	000	0	0	36	03	97	02	0	926	07	0	0	9	0	0	65	08
	Nawabshah	000	0	1	13	05	96	02	0	924	07	0	0	9	0	1	72	07
	Sukkur	000	0	0	18	02	96	02	0	923	06	0	0	9	0	0	69	06
	Kashmore	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...
	Jacobabad	000	0	0	23	03	96	02	0	924	06	0	0	9	0	0	79	07
Sindh	Veraval	xxx	x	7	27	21	96	03	2	977	98	1	5	5	0	1	37	xx
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	5	16	03	96	01	2	413	81	2	9	6	3	1	57	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Peshawar	Drosh *	000	8	2	23	05	97	01	2	392	93	2	2	7	0	0	42	96
	Cherat *	000	0	0	07	15	98	00	0	488	90	0	0	9	0	0	96	96
	Kakul *	016	4	6	23	03	97	02	7	411	83	5	2	8	0	0	61	93
	Landikotal *	000	0	2	13	03	98	02	0	392	96	1	2	7	0	4	46	98
	Parachinar *	000	0	3	13	02	99	03	0	405	85	3	0	9	1	0	72	88
D. I. Khan	Miranshah *	000	0	2	00	00	99	01	1	996	97	2	4	9	0	0	93	xx
	Wana *	000	0	5	00	00	99	01	1	509	90	5	1	9	0	0	91	91
Quetta	Fort Sandeman *	000	0	3	07	04	99	01	0	426	65	3	0	8	3	0	51	96
	Hindubagh *	000	0	6	00	00	97	00	0	362	88	0	0	7	0	0	42	91
	Loralai *	000	0	6	25	03	99	00	2	392	83	0	0	9	2	1	70	94
	Harnai *	000	0	3	00	00	97	03	0	xxx	98	3	2	5	0	0	47	99
	Quetta *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chaman *	000	0	0	27	07	98	00	0	394	00	0	0	9	0	0	51	91
	Nushki *	000	0	0	27	02	98	02	0	430	03	0	0	9	0	0	52	95
	Dalbandin *	000	3	1	27	03	97	03	0	401	05	1	0	9	3	0	41	96
Kalat	Kalat *	000	4	0	07	07	97	05	2	374	83	x	x	8	x	x	40	80
	Panjgur *	000	0	3	23	07	96	03	0	406	00	0	0	9	0	0	33	83
Afghanistan	Kabul *																	
	Kandhar *																	

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)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1962 to date (39)	Departure from Normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati	000	.	6	18	02	97	05	1	040	87	4	8	6	3	8	78	79	—	—	—	—	—	...
Cox's Bazar																		0					140
Chittagong	060	0	6	13	05	97	03	2	027	84	4	5	6	2	0	76	77	+ 2	+ 2	29.1	+ 6.3	42.4	100
Maijdee Court	...	—	...	...	—	—	—	..	—	...	...	...	...	...	...	—	...	0					115
Comilla	...	...	...	...				...			...	...	...	...	...			+ 3					94
Brahmanbaria	000	0	5	13	07	97	03	1	023	85	5	4	5	0	0	78	79	—	—	15.1	— 3.5	33.3	78
Sylhet	039	0	7	13	02	96	02	3	028	84	7	8	5	7	0	77	79	—	—	40.2	—	67.2	—
Srimangal	010	0	4	18	09	96	03	0	948	86	4	0	4	0	0	81	76	+ 6	— 2	—	—	—	90
Mymensingh	170	0	8	13	02	97	02	1	027	84	8	7	4	x	x	78	76	+ 3	— 2	21.8	+ 2.1	36.0	91
Narayanganj	005	0	6	13	03	97	03	2	020	81	6	4	3	0	0	79	81	+ 3	+ 2	11.7	— 2.3	29.7	74
Dacca (Tezgaon)	007	9	6	13	09	97	02	6	008	85	6	4	4	0	0	78	81	—	—	7.7	—	22.5	—
Faridpur	000	0	8	16	03	96	02	2	016	85	7	5	6	1	0	77	79	+ 3	+ 1	8.0	— 6.4	21.7	71
Barisal	020	4	8	13	05	96	51	5	017	87	6	7	6	4	0	80	79	+ 2	0	13.4	— 3.8	26.3	81
Khulna	000	0	4	00	00	97	01	1	013	88	4	5	7	0	0	83	81	+ 3	+ 3	15.2	+ 0.9	32.9	60
Satkhira	000	0	6	00	00	97	03	2	026	89	4	4	6	2	0	80	81	+ 5	+ 3	14.3	+ 0.3	21.5	65
Jessore	000	0	7	18	05	97	03	2	006	86	7	5	6	0	0	81	80	—	—	6.4	— 7.6	16.6	65
Pabna	006	0	5	13	05	98	01	2	008	88	5	2	7	0	0	80	80	—	—	13.1	—	31.7	59
Sirajganj	000	0	2	00	00	97	02	1	013	82	2	1	4	4	0	79	78	+ 1	0	7.7	— 6.2	20.7	64
Bogra	000	0	7	13	02	96	03	2	009	87	4	4	5	1	1	79	81	+ 1	+ 3	10.5	— 4.7	23.0	69
Dinajpur	000	9	6	00	00	96	02	2	010	83	6	2	7	x	x	79	76	+ 1	2	10.2	— 5.8	17.4	73
Rangpur	070	0	8	13	02	96	03	2	014	83	8	6	6	x	x	80	77	— 3	— 1	22.9	+ 2.7	27.1	64
Jammu																							
Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	966	95	0	0	9	0	0	71	84	+ 4	+ 4	0	— 2.1	6.4	19
Sialkot	000	0	0	00	00	97	00	0	961	94	0	0	9	0	0	63	84	+ 8	+ 3	2.5	— 0.9	7.0	32
Jhelum	000	2	4	18	02	97	01	2	970	90	2	0	9	1	1	63	79	—	—	3.1	—	9.2	
Rawalpindi	000	0	1	09	03	98	00	0	964	94	1	0	9	3	0	58	77	+ 5	0	1.7	— 1.4	8.3	36
Campbellpur	000	0	3	00	00	98	01	0	956	88	1	1	8	2	2	54	81	—	—	0.6	—	6.9	—
Khushab	000	0	0	13	02	96	05	4	966	94	0	0	9	0	0	80	85	—	+ 2	0.1	— 1.6	5.1	15
Lyallpur	000	0	5	00	00	96	02	0	966	89	0	0	9	0	4	68	84	+ 3	+ 1	0.8	— 1.0	4.3	12
Montgomery	000	0	0	00	00	96	07	0	976	93	0	0	9	0	0	69	82	+ 2	— 2	0.3	— 1.2	3.3	10
Multan	000	0	0	18	05	96	07	0	969	92	0	0	9	0	0	67	86	+ 4	0	0.3	— 0.5	2.0	7
Leiah	003	9	0	18	01	97	0	3	xxx	91	0	0	9	0	0	72	79	—	—	—	—	—	8
Khanpur	000	9	0	30	05	95	05	9	970	91	0	0	9	0	0	74	83	0	0	0	— 0.5	1.0	4
Bahawalpur	000	0	0	00	00	98	00	0	974	92	0	0	9	0	0	72	83	0	— 1	1.3	+ 0.8	2.1	6
Fort Abbas	000	0	0	27	02	98	00	0	963	95	0	0	9	0	0	63	86	—	—	0	—	0.3	8
Chakdara	000	0	0	36	02	97	00	0	954	85	0	0	9	0	0	58	76	—	—	0.1	—	9.4	—
Peshawar	000	0	6	36	02	97	01	1	976	96	2	1	6	3	0	58	82	+ 2	+ 2	0	— 0.3	6.6	11
Haripur	000	0	0	23	03	97	00	0	966	69	0	0	9	0	0	55	75	—	—	1.4	—	8.1	—
Bannu	000	.	0	00	00	99	01	0	968	93	0	0	9	0	0	63	79	—	—	0.4	—	3.4	11
D. I. Khan	000	0	0	00	00	96	00	0	969	89	0	0	9	0	0	67	79	+ 4	— 4	0	— 0.8	2.9	9
Sibi	000	2	3	00	00	97	05	0	972	92	0	0	9	0	0	60	87	—	—	0	—	1.1	5
Nokkundi	000	0	0	34	05	97	02	0	943	92	0	0	9	0	0	25	84	—	—	0	—	4.1	3
Turbat	000	0	0	27	02	97	00	0	984	98	0	0	9	0	0	xx	xx	—	—	0	—	2.7	—
Jiwani	000	0	4	11	09	97	01	2	977	85	4	6	4	0	0	79	83	—	—	0	—	0.7	5
Pasni	003	3	6	11	03	96	03	1	xxx	83	0	0	9	4	4	79	80	0	+ 1	0	— 0.3	0.2	6
Ormara	000	0	1	00	00	94	03	1	970	85	1	1	6	0	0	76	79	—	—	0	0	1.0	4
Lasbela																							8
Karachi (Manora)	000	0	4	25	05	96	01	1	977	83	4	6	4	0	0	74	81	+ 4	— 1	0	— 0.8	0	9
Karachi (Airport)	000	0	5	27	03	96	03	1	980	85	5	6	5	0	0	81	82	—	—	0	—	0	—
Nagarparkar	000	0	4	27	04	97	00	0	971	86	0	4	7	0	0	72	70	—	—	0	—	0	—
Umarkot	000	0	2	20	01	97	02	0	980	88	0	0	8	0	0	77	80	—	—	0	—	0.1	—
Hyderabad	000	0	0	20	09	97	02	0	973	86	0	0	9	0	0	73	83	+ 3	+ 1	0	— 0.6	0.2	7
Badin	000	0	0	23	02	97	00	0	002	84	0	0	9	0	0	78	80	— 6	— 2	0	— 1.8	0.6	9
Padidan	000	0	0	13	07	97	02	0	969	88	0	0	9	0	0	74	95	—	—	0	—	0.6	—
Nawabshah	000	0	0	13	05	96	02	0	980	87	0	0	9	0	0	75	82	—	—	0	—	0.6	—
Sukkur	000	0	0	20	05	97	00	0	967	89	0	0	9	0	0	76	85	—	—	0	—	0	4
Kashmore	000	0	0	00	00	99	00	0	999	91	0	0	9	0	0	85	86	—	—	0	—	0	—
Jacobabad	000	0	1	13	03	96	03	0	965	93	1	0	9	3	0	75	87	— 4	+ 2	0	— 0.3	0.9	4
Veraval	...	...	...	—	...	...	...	...	—	—	—	—	—	...	...	...	...	—					20
Jalalabad																							
Muscat																							4
Kuwait																							5
HILL STATIONS																							
Srinagar *	...	—	—	...	—	—	—	—	—	—	—	—	—	—	—	...	—	—					26
Gulmarg **																							—
Sonamarg **																							73
Dras **																							26
Leh **																							3
Skardu *																							6
Misgar **																							—
Aliabad *																							—
Gilgit *																							8
Murree *	008	9	0	00	00	98	00	1	425	73	0	0	5	0	0	47	61		+ 2	3.5	— 1.7	31.8	59
Drosh *	000	0	1	00	00	99	01	0	444	81	4	0	9	4	0	48	72	+ 1	+ 1	0.8	—	32.8	18
Cherat *	000	0	0	07	13	98	00	0	465	82	0	0	9	0	0	76	67	+ 5	— 5	1.0	— 0.2	25.1	29
Kakul *	016	9	1	31	05	98	01	1	431	79	1	0	9	3	0	52	70	—	—	1.1	—	16.7	—
Landikotal *	000	0	6	00	00	98	03	0	420	85	1	1	7	3	x	41	74	— 1	—	0.5	—	12.2	—
Parachinar *	000	0	3	00	00	99	01	0	424	71	3	1	9	0	0	50	62	—	— 4	1.9	—	15.4	29
Miranshah *	000	0	0	00	00	99	00	0	423	85	0	0	9	0	0	69	79	—	—	0.1	— 1.0	1.9	13
Wana *	000	0	0	00	00	99	00	0	513	72	0	0	9	0	0	58	65	—	—	2.1	—	10.5	14
Fort Sandeman *	020	0	0	00	00	99	01	0	436	76	0	0	9	0	0	47	69	— 7	— 7	2.1	+ 1.3	6.9	11
Hindubagh *	000	0	0	00	00	97	00	0	401	75	0	0	9	0	0	56	59	—	—	0	—	3.8	—
Loralai *	000	0	6	31	03	99	02	2	426	78	0	0	9	3	1	xx	65	—	—	0	—	4.1	9
Harnai *	000	0	2	00	00	97	03	0	xxx	87	1	2	9	0	0	55	79	—	—	0.6	— 0.4	3.7	14
Quetta *	000	0	1	03	02	96	00	0	412	78	0	0	9	0	0	54	65	—	—	0	— 0.2	4.3	9
Chaman *	000	0	0	03	05	98	00	0	412	84	0	0	9	0	0	42	74	— 1	— 2	0	0	1.2	2
Nushki *	000	0	0	00	09	98	02	0	452	93	0	0	9	0	0	55	81	—	—	0	—	1.4	—
Dalbandin *	000	9	3	00	00	97	02	0	404	85	3	0	9	3	0	46	76	— 3	+ 1	0	0	1.1	4
Kalat *	000	0	0	36	02	98	00	0	411	76	0	0	9	0	0	45	60	— 3	— 2	0	— 0.2	1.9	7
Panjgur *	000	0	0	00	00	97	02	0	443	83	0	0	9	0	0	46	74	— 1	0	0	—	1.0	8
Kabul *																							12
Kandhar *																							

† Given in Code.

* These stations report as PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 4th JULY, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_sT_s$	$I_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Udo Maru	332 28	612 00	1 25 20	98 02 0	975 28	00 9 10	75 8 08	...	05 2 24	12 5 32
Mozaffari	331 41	525 00	0 20 18	98 00 0	030 27	00 0 00	35 2 10	...	97 2 26	12 0 43
Ismetia	332 64	561 06	1 25 16	98 02 0	009 34	00 8 03	26 1 07	...	00 4 27	12 5 21
Uenscossatot	332 29	596 06	0 00 00	93 00 0	295 34	00 0 00	35 1 03	...	...	...
Umaria	332 02	648 11	4 21 19	98 05 0	982 29	01 4 01	34 8 02	...	00 2 14	12 4 42
Usnecossatot	332 18	607 12	0 23 04	98 05 0	973 31	00 9 00	35 6 02	...	...	...
Ermesaida	331 69	580 18	0 20 21	97 02 0	986 15	00 9 00	55 3 15	...	00 0 26	12 0 34

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface ($PPPTTTT_dT_dT_d$)	1000 mb ($HHHTTTT_dT_dT_d$)	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	xxx xxx xxx	...	—	139 205 182	...	308 138 098	437 098 022	585 038 523	764 548 602	985 652	—	...	...
Jiwani ...														
Karachi ...	00 00	995 275 255	xxx xxx xxx	...	xxx xxx xxx	...	305 125 998	313 015 995	576 580 990	746 650 990	959 790	236 995	419 135	—
Lahore ...	00 00	972 xxx xxx	...	...	140 280 140	...	311 182 055	402 098 992	588 535 995	762 605 995	980 670	205 748	500 782	...
Multan ...														
Peshawar ...	00 00	956 295 142	...	...	139 302 085	...	311 198 015	405 102 565	590 122 595	767 560 990	988 628	...	...	—
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels ($PPPTTTT_dT_dT_d$)									Max. Height Reached ($PPPTTTT_dT_dT_d$)	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	998 278 265	800 218 192	450 002 558	350 608 682	205 210 250	...	...	...	...	205 210 250	...	...
Jiwani ...													
Karachi ...	00 00	900 250 xxx	800 190 xxx	350 750 xxx	250 580 xxx	119 240 xxx	...	...	...	...	119 240 xxx	...	—
Lahore ...	00 00	900 315 165	800 245 115	...	...	...	...	...	...	...	800 245 115	...	...
Multan ...													
Peshawar ...	00 00	925 315 158	900 212 135	800 282 012	...	...	...	...	...	...	800 282 072	...	...
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenth 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	18 12	19 12	19 08	—	—	—	—	—
Chaklala	—	14 13	15 30	16 09	17 03	—	—	—	—
Chhor	23 10	23 09	21 06	32 03	34 06	33 09	31 08	21 19	22 21
Chittagong	19 21	18 22	18 17	18 10	—	—	—	—	—
Cox's Bazar	17 16	17 15	—	—	—	—	—	—	—
Dacca	19 15	20 13	20 13	21 09	20 10	19 10	21 09	20 09	16 09
Dalbandin	—	—	26 05	24 10	32 08	20 07	16 03	35 06	04 11
D.I. Khan	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	23 07	11 08	30 03	35 12	36 09
Fort Sandeman	—	—	—	06 31	05 29	21 10	—	—	—
Jacobabad	04 03	11 02	12 03	06 08	04 09	02 13	35 17	34 17	33 17
Jessore	16 12	17 14	20 14	14 08	—	—	—	—	—
Jhelum	26 04	26 05	24 08	25 05	32 03	05 08	07 05	26 05	20 04
Jiwani	16 08	11 06	12 03	31 10	34 13	35 17	35 25	01 23	36 29
Karachi	24 15	25 20	29 15	—	—	—	—	—	—
Khanpur	06 04	13 03	15 03	24 05	20 05	19 05	16 23	14 21	—
Lahore	29 02	29 03	29 05	30 06	30 07	31 07	02 03	13 04	02 01
Multan	19 05	17 05	17 05	17 05	15 06	—	—	—	—
Muscat	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	36 08	31 06	31 08	33 11	36 07	35 13
Peshawar	—	22 09	21 06	18 07	11 02	01 04	35 10	—	—
Quetta	—	—	—	—	32 04	28 02	30 04	31 05	—
Sharjah	—	—	—	—	—	—	—	—	—
Sylhet	21 02	10 03	25 08	25 12	24 11	xx xx	xx xx	xx xx	03 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	—	—	—	—	—	—
Chaklala	—	06 07	35 04	31 01	32 05	32 06
Chhor	25 17	24 17	22 16	15 10	08 03	10 03
Chittagong	17 17	18 15	18 13	21 09	19 18	14 05
Cox's Bazar	17 15	19 14	18 10	—	—	—
Dacca	16 13	17 15	18 13	18 12	16 10	18 07
Dalbandin	—	—	33 05	02 10	06 09	12 04
D.I. Khan	—	—	—	—	—	—
Drosh	—	—	—	14 01	13 04	10 08
Fort Sandeman	—	—	—	23 02	24 08	12 04
Jacobabad	18 03	07 03	07 03	07 07	06 05	02 07
Jessore	18 11	18 14	19 11	18 07	13 03	16 04
Jhelum	29 04	35 04	23 04	27 04	30 04	12 02
Jiwani	15 07	22 03	08 03	—	—	—
Karachi	—	—	—	—	—	—
Khanpur	20 15	20 17	18 06	15 03	13 10	13 23
Lahore	31 05	29 07	28 10	29 05	28 04	28 04
Multan	13 08	26 04	24 07	23 07	22 08	—
Muscat	—	—	—	—	—	—
Panjgur	—	—	—	30 13	33 19	34 15
Peshawar	—	33 07	32 07	29 03	05 02	04 07
Quetta	—	—	—	—	33 04	30 08
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.
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	13 09	15 12	18 08	—	—	—	—	—	—	—	—
Chaklala	—	20 03	22 03	02 02	03 04	30 04	30 01	30 10	21 11	20 06	25
Chhor	21 09	20 14	20 15	18 06	04 09	03 07	36 09	03 05	18 07	21 18	21
Chittagong	18 25	19 22	18 21	10 17	—	—	—	—	—	—	—
Cox's Bazar	16 21	16 17	19 11	—	—	—	—	—	—	—	—
Dacca	15 14	17 15	17 14	18 08	18 09	14 07	—	—	—	—	—
Dalbandin	—	—	09 01	06 07	06 05	19 06	17 04	17 03	15 04	33 08	27
D.I. Khan	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	04 03	36 08	08 04	01 08	02 08	09 06	01
Fort Sandeman	—	—	—	04 01	06 02	36 03	03 07	35 14	34 17	32 13	25
Jacobabad	14 04	07 05	04 05	04 06	05 06	01 07	04 15	36 09	33 03	35 09	24
Jessore	—	—	—	—	—	—	—	—	—	—	—
Jhelum	25 01	22 03	25 03	26 06	29 03	33 03	31 06	31 07	31 09	—	—
Jiwani	10 09	08 08	08 39	08 10	07 07	02 05	34 12	01 08	03 09	34 06	23
Karachi	26 06	13 04	34 04	06 06	02 08	36 15	05 23	11 10	21 13	19 14	17
Khanpur	24 04	24 03	23 02	08 05	05 04	14 06	03 13	36 13	03 15	—	—
Lahore	31 04	28 04	29 01	27 03	28 03	—	—	—	—	—	—
Multan	24 02	21 02	23 03	22 06	21 08	23 10	—	—	—	—	—
Muscat	—	—	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	23 09	33 08	29 05	31 02	31 03	34 05	30 05	31
Peshawar	—	06 04	07 05	02 06	31 13	30 06	30 05	32 06	34 10	06 08	28
Quetta	—	—	—	—	24 04	33 04	32 04	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—
Sylhet	17 07	19 05	20 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 ...	17 19	16 18	18 17	18 11	18 12	19 09	22 06	17 07	17 07	13 05	13 04	13 05	—	—	—	—	—	—
Karachi ...	25 11	25 12	27 09	28 04	25 04	24 09	03 19	04 22	04 15	21 15	19 12	17 11	13 18	—	—	—	—	—
Peshawar ...	—	33 04	28 05	31 04	33 06	35 04	04 08	07 03	07 02	02 07	34 12	33 15	33 20	—	—	—	—	—
Quetta ...																		

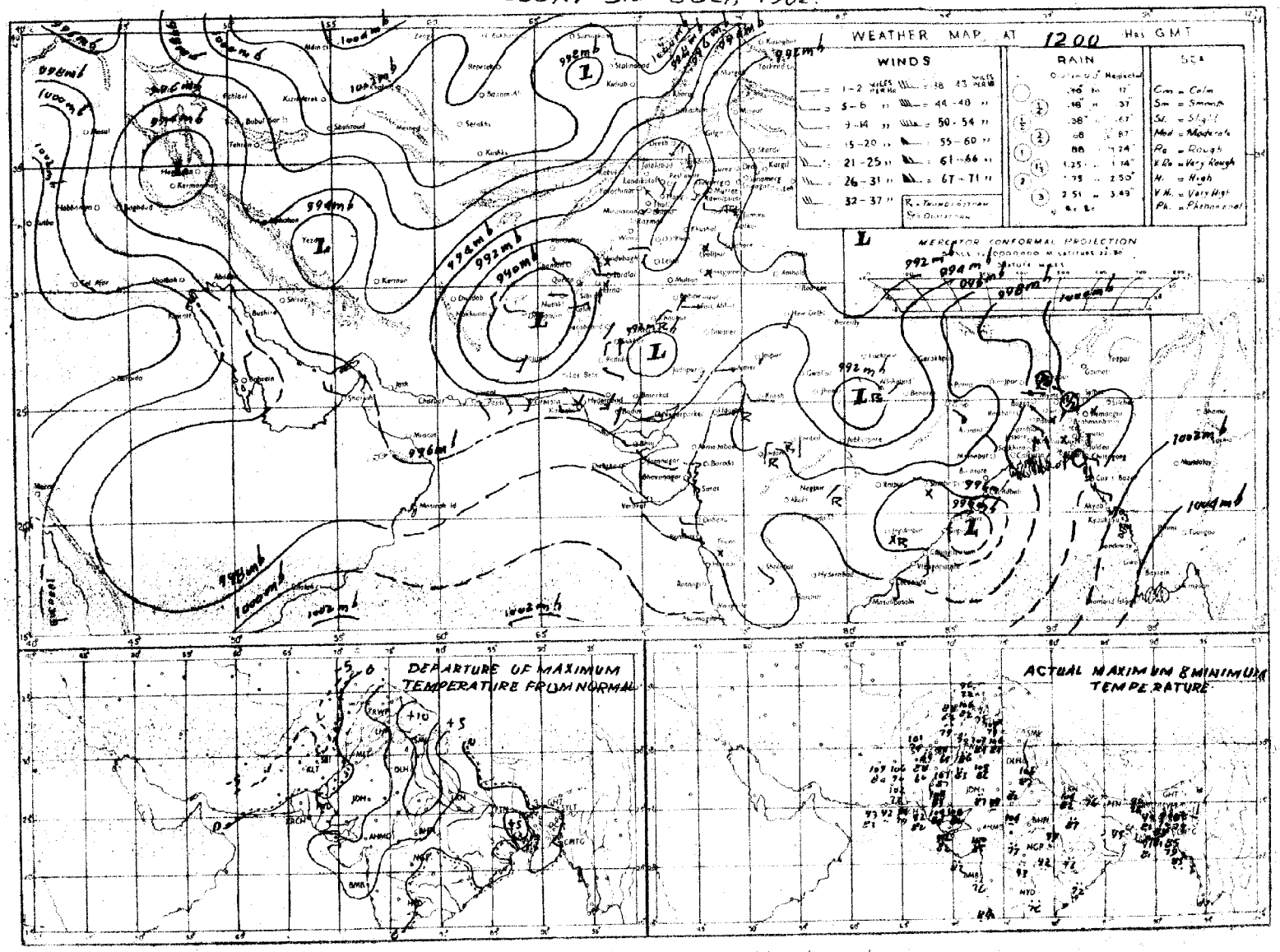
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

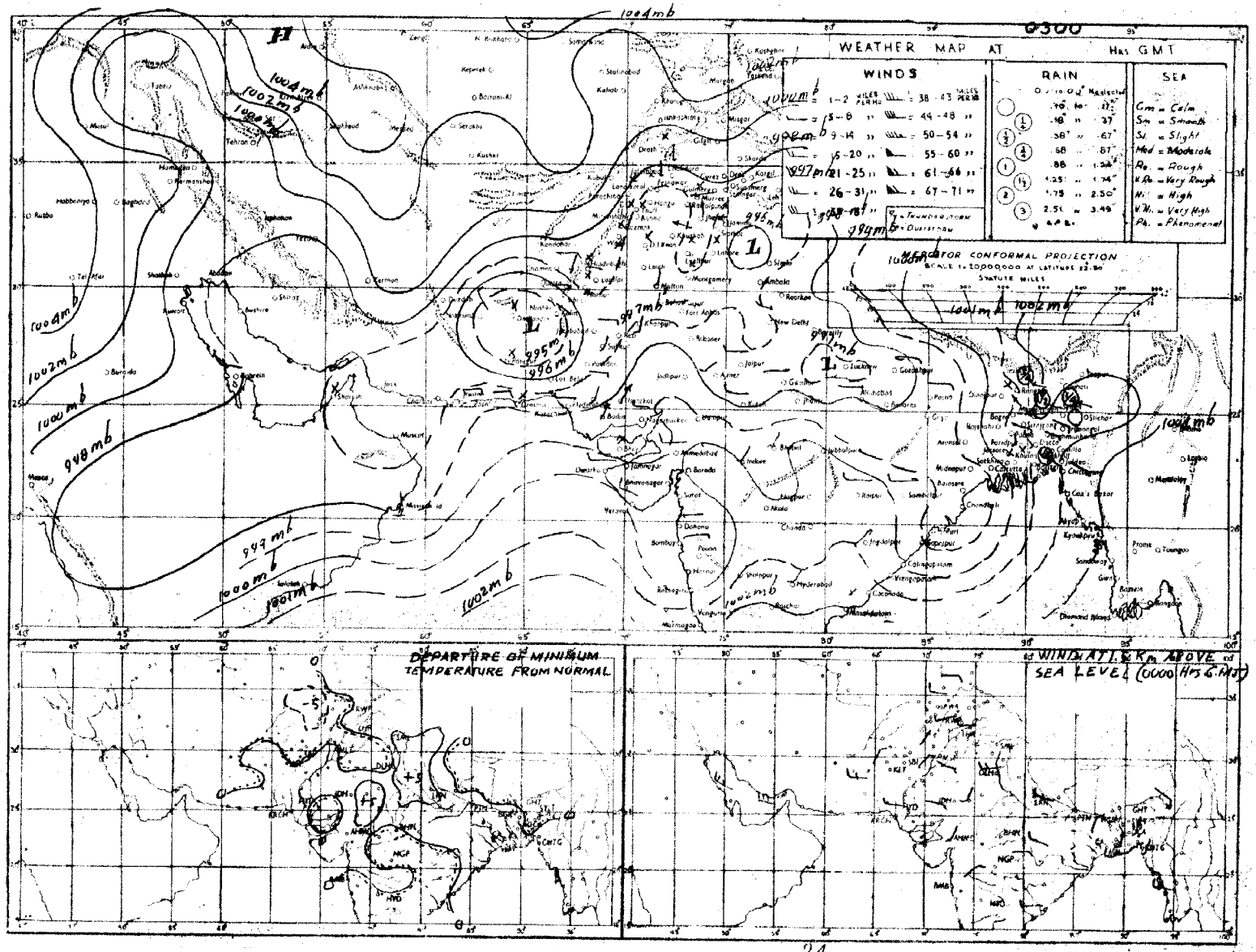
PAKISTAN DAILY WEATHER MAP

TUESDAY 3rd JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP



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. 16

THURSDAY THE 5th JULY, 1962.

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

Axis of monsoon trough has shifted further southwards and extends across Uttar Pradesh to northwest and adjoining central Bay of Bengal.
Rain/thundershowers have been local in East Pakistan.
Yesterday's westerly low pressure wave has moved sli htly eastwards. Its associated trough over D. I. Khan division and neighbourhood persists.
The trough of low off Kathiawar coast has shifted northwards and lies over Kutch and adjoining areas.
Scattered thunderstorm has occurred in Multan division. Light rain has also been reported from Rawalpindi division.
Chief amounts of rainfall are :—Bogra 2"; Rangamati and Barisal 1" each ; Srimangal and Jessore 1/2" each and Narayanganj 1/4".
Day temperatures were:— 3—7 °F (2—4 °C) above normal in Chittagong, Lahore, Rawalpindi, Sargodha, Multan, Bahawalpur, Khairpur, Hyderabad and Karachi divisions.
Forecast valid until the evening of 6th July, 1962 :—Local thunderstorms/showers will occur over Chittagong division and scattered elsewhere over East Pakistan as well as over Peshawar, D. I. Khan, Rawalpindi, Lahore, Sargodha and Hyderabad divisions.

Karachi-11
The 5th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
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 (f)	Horizontal visibility † (VV)	Present weather (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud (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)	As 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wt)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (f)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths)* (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint Temperature °F (TdTd)	Minimum Temperature °F (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June 1962 to date	Departure from normal	Since 1st January, 1962 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	060	5	7	18	02	97	05	6	033	79	5	7	4	x	x	79	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+7					143
	Cox's Bazar	001	2	7	16	05	91	03	8	856	xx	7	6	9	8	9	xx	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+1					108
	Chittagong	000	0	7	13	11	97	03	2	006	82	5	3	6	1	0	75	87	015	9	6	13	05	96	11	6	036	xx	3	3	5	2	x	78	77	—	+2	—	—	—	115
	Maijdee Court	010	2	8	16	05	93	63	6	000	xx	4	2	5	x	x	77	xx	001	0	4	18	05	97	38	0	979	86	4	4	5	0	0	77	77	+3	0				94
	Comilla	000	0	8	13	05	96	02	2	902	85	8	4	5	x	x	73	90	000	0	4	18	07	97	03	1	033	85	4	3	5	0	0	76	78	—	—	15.1	—1.0	33.3	7
	Brahmanbaria	000	0	7	18	05	97	03	1	001	85	7	4	5	0	0	18	87	000	0	4	18	07	97	03	1	093	85	4	5	5	0	0	76	79	—	—	15.1	—1.0	33.3	—
	Sylhet	000	4	7	18	09	96	03	0	999	85	6	3	5	1	9	79	97	001	1	0	00	00	96	00	0	018	85	0	0	9	0	0	82	72	+4	—6	—			99
	Srimangal	060	4	6	00	00	95	02	6	001	82	6	3	0	0	0	79	91																							
Dacca	Mymensingh	016	2	8	00	90	97	02	9	999	82	8	7	4	x	x	78	90	016	0	2	27	02	97	02	1	030	83	2	2	4	0	6	77	83	+3	+2	22.0	+1.6	36.9	91
	Narayanganj	034	9	7	13	02	96	00	6	994	85	4	4	2	0	8	78	88	024	9	8	13	05	97	02	2	031	86	8	7	2	x	x	79	79	0	0	12.0	—2.5	37.3	74
	Dacca (Tejgaon)	000	0	6	18	25	99	07	2	987	86	2	3	5	0	1	79	88	000	9	0	16	05	97	02	1	036	84	6	8	4	1	1	77	80	—		7.7		22.5	—
	Faridpur	000	0	5	20	05	96	02	2	986	88	3	3	6	0	1	80	88	000	8	6	16	07	97	01	2	025	85	4	5	6	1	0	79	78	0	0	8.7	—6.8	31.3	71
Khulna	Barisal	012	4	8	18	10	96	52	5	997	84	8	7	5	x	x	78	85	110	4	6	27	05	96	03	5	031	86	6	6	6	0	0	79	77	—3	—2	14.5	—3.3	37.4	81
	Khulna	000	0	5	18	03	96	02	1	990	83	5	5	6	0	0	82	88	000	0	6	00	00	97	01	2	024	86	6	5	6	0	0	81	80	0	+2	15.2	+0.4	23.9	88
	Satkhira	000	0	6	00	00	97	03	2	996	84	4	4	6	2	0	78	92	000	0	6	00	00	97	03	0	032	86	4	4	6	2	0	79	80	+3	+2	15.2	+0.0	32.9	85
	Jessore	000	4	2	18	03	97	02	6	998	87	2	4	6	0	0	88	98	042	9	5	09	07	97	03	6	020	85	3	5	6	6	0	81	79	—	—	6.8	—7.5	17.1	65
Rajshahi	Pabna	000	0	4	13	05	98	01	2	977	88	2	2	7	0	1	80	92	000	0	4	13	05	99	03	9	022	88	4	2	7	0	0	80	79	—	—	33.1	—6.6	31.7	59
	Sirajganj	000	8	8	18	02	96	03	2	985	85	2	5	6	2	x	79	90	000	0	2	18	03	98	01	1	028	83	2	1	5	0	0	79	79		+1	7.7		23.7	64
	Bogra	000	9	4	00	00	96	02	2	981	86	4	0	9	2	0	79	91	219	5	8	00	00	96	63	6	025	78	6	2	4	2	0	78	76	+1	—1	12.7	—3.0	26.2	69
	Dinajpur																		000	9	6	00	00	96	02	2	019	86	6	0	9	2	0	77	77	+2	—1	10.2	—6.5	17.4	72
	Rangpur																		000	0	1	03	05	96	03	2	032	82	7	5	6	0	0	79	79		+1	22.1	+2.0	27.1	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	924	08	0	0	9	0	0	60	09	000	0	0	03	20	95	05	0	966	92	0	0	9	0	0	72	85	+7	+5	0	—2.2	6.4	19
	Sialkot	000	0	0	00	00	97	00	0	917	06	0	0	9	0	0	59	11	000	0	0	00	00	97	00	0	958	94	0	0	9	0	0	65	84	+11	+3	2.5	—1.2	7.0	18
Rawalpindi	Jhelum	000	0	1	23	03	97	02	0	913	07	1	1	7	0	0	59	09	000	0	0	36	02	96	01	0	963	94	0	0	9	0	0	61	83	—	—	3.1	—	8.3	
	Rawalpindi	000	0	1	31	02	99	05	0	916	05	1	2	7	0	0	58	07	000	0	1	00	00	97	01	2	960	94	1	3	9	4	0	60	80	+7	+3	1.7	—1.8	8.3	36
	Campbellpur	000	0	0	00	00	98	00	1	902	08	9	0	9	0	0	55	09	000	0	0	00	00	97	00	0	945	94	0	0	9	0	0	56	94	—	—	0.6	—	8.9	
Sargodha	Khushab	000	0	0	18	03	96	95	4	926	90	0	0	9	0	0	xx	10	000	0	0	23	01	97	05	0	965	95	0	0	9	0	0	83	85	+6	+2	0.1	—1.2	5.1	18
	Lyallpur	000	0	0	25	02	97	00	0	955	07	0	0	9	0	0	61	08	000	0	0	00	00	96	00	0	956	89	0	0	9	0	0	67	89	+4	+6	0.5	—1.8	4.3	13
Multan	Montgomery	000	0	6	00	00	96	03	1	932	04	6	0	9	4	0	65	08	000	0	0	00	00	96	02	0	950	94	0	0	9	0	0	70	84	+3	0	0.2	—1.2	2.8	18
	Multan	000	4	4	18	02	97	01	1	926	07	2	5	6	3	0	61	10	000	0	0	18	02	96	02	0	951	94	0	0	9	0	0	67	89	+7	+3	0.3	—0.6	2.0	7
	Leiah	000	0	0	18	02	97	00	0	xxx	08	0	0	9	0	0	82	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
Bahawalpur	Khanpur	000	0	2	30	13	95	15	0	923	09	2	1	6	0	0	62	10	000	0	0	23	05	95	05	0	961	95	0	0	9	0	0	69	83	+3	0	0	—0.6	1.8	6
	Bahawalpur	000	0	3	05	02	98	00	0	xxx	07	3	0	9	0	0	67	08	000	0	0	23	07	97	00	0	xxx	94	0	0	9	0	0	69	81	+3	—3	1.3	+0.8	2.1	6
	Fort Abbas	000	0	0	36	02	98	00	0	933	10	0	0	9	0	0	56	13	000	0	0	20	02	98	00	0	964	95	0	0	9	0	0	77	87	—	—	0	—	0.3	8
Peshawar	Chakdara	000	0	4	13	02	97	00	0	985	02	0	0	9	0	0	55	04	000	0	0	36	01	97	00	0	938	88	0	0	9	0	0	56	77	—	—	0.1	—	9.4	—
	Peshawar	000	0	1	07	03	97	02	1	919	05	1	1	6	3	0	55	06	000	0	7	36	03	98	02	0	958	91	1	0	9	3	0	56	81	+2	+1	0	—0.4	6.6	11
	Haripur	000	4	3	25	03	97	01	1	963	04	3	1	6	0	0	53	xx	000	0	0	36	01	97	00	0	962	93	0	0	9	0	0	59	79	—	—	1.4		8.1	—
D. I. Khan	Bannu	000	0	0	16	01	99	00	0	921	05	0	0	9	0	0	36	07	003	0	0	00	00	99	00	0	953	94	0	0	9	0	0	94	81	—	—	0.4		3.4	11
	D. I. Khan	000	0	0	00	00	98	00	0	930	06	0	0	9	0	0	54	06	000	2	3	00	03	98	01	1	953	93	0	0	9	0	3	65	61	+1	+1	0	—0.8	3.9	9
Quetta	Sibi	000	9	3	13	09	97	05	0	916	13	0	0	9	2	1	34	13	000	0	0	00	00	97	05	0	966	94	0	0	9	0	0	63	87	—	—	0	—	1.1	5
Kalat	Nokkundi	000	0	0	23	02	98	02	0	907	08	0	0	9	0	0	32	10	000	0	0	09	02	98	02	1	956	93	0	0	9	0	0	32	85	—	—	0	—	0.1	2
	Turbat	000	0	0	13	10	97	00	0	917	09	0	0	9	0	0	xx	10	000	0	0	18	02	97	00	0	984	91	0	0	9	0	0	xx	xx	—	—	0	—	2.7	
	Jiwani	000	0	0	23	09	97	02	0	944	89	0	0	9	0	0	79	91	000	0	4	09	05	97	03	0	985	84	4	6	4	0	0	78	80	—	—	—	—	—	5
	Pasni	000	8	2	16	12	97	01	1	950	89	0	0	9	0	2	97	92	000	3	4	11	02	96	02	1	980	86	0	0	9	3	3	79	79	0	0	0	—0.4	0.2	6
Karachi Division	Ormara	000	0	1	18	07	95	03	1	947	94	1	1	6	0	0	74	96	000	0	1	00	03	94	03	1	970	87	1	1	6	0	0	79	80	—	—	0	0	1.0	6
	Lasbela																																								8
	Karachi (Manora)	000	0	3	32	12	96	01	1	948	89	3	6	4	0	0	81	96	000	0	4	00	03	96	01	1	972	84	6	6	4	0	0	78	92	+6	0	0	—0.9	0	8
	Karachi (Airport)	000	0	0	23	12	96	02	0	953	89	0	9	9	0	0	81	93	000	0	3	00	09	96	03	0	979	86	0	0	9	0	1	81	83	—	—	0	—	0	—
Hyderabad	Nagarparkar	000	0	0	27	01	97	00	0	983	03	0	0	9	C	0	81	xx	000	0	3	36	01	97	30	0	976	88	0	3	7	0	0	78	71	—	—	0	—	0	—
	Umerkot	000	0	1	27	81	98	02	0	937	06	1	2	7	0	0	71	08	000	0	0	20	01	97	02	0	978	86	0	0	9	0	3	77	82	—	—	0	—	0.1	—
	Hyderabad	000	0	1	00	00	97	03	0	930	07	1	0	9	3	0	69	09	000	0	5	20	03	97	02	2	974	88	0	0	9	0	1	77	83	+8	+1	0	—0.7	0.8	7
	Badin	000	0	0	23	02	97	00	0	969	00	0	0	9	0	0	78	08	000	0	0	00	00	97	00	0	001	85	0	0	9	0	0	78	81	—11	—1	0	—1.9	0.6	9
Khairpur	Padidan	000	0	1	31	03	97	33	0	925	09	1	1	4	0	0	64	10	003	0	4	13	05	97	03	0	963	90	0	0	9	0	1	73	97	—	—	0	—	0.6	—
	Nawabshah	000	0	0	05	03	96	02	0	934	07	0	0	9	0	0	68	10	000	0	4	16	03	96	03	0	974	88	0	0	9	0	6	75	85		—	0	—	0.4	—
	Sukkur	000	0	0	13	32	97	02	0	921	08	0	0	9	0	0	63	09	000	0	0	00	00	57	02	0	963	92	0	0	9	0	0	76	88	—	—	0	—	0	4
	Kashmore	000	0	0	00	00	99	00	0	992	xx	0	0	9	0	0	90	xx	000	0	0	00	00	99	00	0	995	00	0	0	9	0	0	84	84	—	—	0	—	0	—
	Jacobabad	000	0	0	13	03	96	07	0	926	07	0	0	9	0	0	63	11	000	0	0	18	03	96	01	0	959	94	0	0	9	0	0	75	89	0	+4	0	—0.4	0.9	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								
Arabia	Muscat																																								4
	Kuwait																																								5
	HILL STATIONS																																								
Kashmir	Srinagar*	xxx	x	4	15	04	97	02	0	404	84	3	9	6	0	1	99	xx	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					26
	Gulmarg**																																								—
	Sonamarg**																																								71
	Dras**																																								24
	Leh**																																								3
	Skardu**	000	0	4	37	03	98	01	1	079	65	0	0	9	4	0	56	70	000	0	2	09	03	98	01	1	116	55	2	1	8	0	0	38	50	—	—				6
	Misgar*																																								—
	Aliabad*																																								—
	Gilgit*	000	0	3	00	00	98	00	1	428	92	3	5	9	0	0	75	94	000	0	0	00	00	99	03	0	484	83	0	0	9	0	0	68	66	—	—				5
Rawalpindi	Murree*	000	9	3	27	05	98	21	1	403	83	3	1	4	0	0	51	80	000	0	4	31	02	98	01	1	435	74	0	0	5	5	0	46	64	+4	+5	3.5	—2.0	21.8	51
Peshawar	Drosh*	000	0	6	23	09	97	03	0	394	95	6	2	7	0	0	43	00	000	9	0	00	00	99	02	2	440	82	0	0	9	0	0	50	74	+5	+3	0.8	—	32.8	18
	Cherat*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	32	23	98	90	0	466	85	0	0	9	0	0	78	65	—	—7	1.0	—0.3	25.1	29
	Kakul*	000	8	4	18	03	98	03	1	406	90	4	2	7	0	0	44	95	090	9	2	31	02	97	01	1	432	82	2	5	7	0	0	52	73	—	—	1.1	—	16.7	—
	Landikotal*	000	0	0	00	00	98	00	0	399	89	0	0	9	0	0	59	01	000	0	0	03	00	98	03	0	419	89	0	0	9	0	0	55	73	—	—	0.5	—	12.2	—
	Parachinar*	000	0	5	13	02	99	03	2	399	88	5	1	9	1	0	50	89	000	0	0	00	00	99	00	0	423	74	0	0	9	0	0	54	67	0	+1	1.9	—	15.4	29
D.I. Khan	Miranshah*	000	0	0	05	05	99	00	0	399	00	0	0	9	0	0	84	01	000	0	0	00	00	99	00	0	417	87	0	0	9	0	0	76	78	—	—	0.1	—1.0	1.9	13
	Wana*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	00	00	99	00	0	509	82	0	0	9	0	0	66	66		—	2.1	—	10.5	11
Quetta	Fort Sandeman*	000	0	5	16	03	99	03	0	413	90	5	0	8	3	0	37	97	020	0	0	00	00	99	01	0	436	80	0	0	9	0	0	xx	72	—6	—4	2.1	+1.2	6.9	14
	Hindubagh*	000	0	4	13	02	97	00	0	376	90	0	0	7	0	0	71	92	000	0	3	13	02	97	00	0	405	85	0	0	8	0	8	59	66	—	—	0	—	3.8	—
	Loralai*	000	8	6	07	02	99	02	3	407	88	0	0	9	1	2	74	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					9
	Harnai*	000	3	5	23	05	97	05	0	xxx	00	5	3	5	0	0	51	00	000	0	0	31	03	97	00	0	xxx	89	0	0	9	0	0	53	80	—	—	0.6	—0.5	3.7	14
	Quetta*	000	0	4	31	02	96	02	0	452	91	4	1	5	0	0	69	94	000	0	0	00	00	96	00	0	398	83	0	0	9	0	0	55	60	0	—	0	—0.2	4.2	7
	Chaman*	000	0	0	27	07	98	00	0	389	01	0	0	9	0	0	53	02	000	0	0	18	07	98	00	0	418	87	0	0	9	0	0	44	78		+2	0	0	1.3	6
	Nushki*	000	0	0	27	13	98	02	0	433	04	0	0	9	0	0	50	07	000	0	0	00	03	98	02	0	463	93	0	0	9	0	0	63	90	—	—	0	—	1.4	—
	Dalbandin*	000	8	5	05	03	97	03	1	405	07	5	0	9	4	0	53	08	000	9	2	36	03	96	09	1	414	87	2	0	9	3	0	49	78	—1	+3	0	0	1.1	4
Kalat	Kalat*	000	4	0	31	03	98	03	2	388	83	x	x	8	x	x	40	91	000	0	0	18	02	98	00	0	433	77	0	0	9	0	0	47	60	0	—2	0	—0.2	1.9	7
	Panjgur*	000	0	0	27	05	98	01	1	399	03	1	6	6	0	0	27	06	000	0	2	31	05	96	03	0	422	84	2	0	9	5	0	61	80	+3	+6	0	—	1.0	5
Afghanistan	Kabul*																																								12
	Kandhar*																																								

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 5th JULY, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L.L.L.	L.L.L. GG	N dd ff	VV ww W	PPP TT	NhCLhCMCH	DsVs a PP	8NsChshs	0TdTdTwTw	IdsdPs...
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Chakdara	432 10	700 00	7 28 09	97 03 2	985 29	72 4 17	75 4 01	—	05 6 24	82 8 20
Esso Liverpool	432 64	566 00	4 99 05	98 00 1				—	—	—
Esso Liverpool	432 51	577 06	3 90 20	98 05 0	—	—	—	—		
Insulia	432 15	576 06	0 20 15	98 02 0	993 26	00 9 00	44 3 04	—	00 2 24	11 8 21
[illegible]	444 19	616 06	4 24 06	97 05 0	017 31	66 8 63	35 1 03	—		
Insulia	432 03	599 12	0 19 18	97 02 0	975 26	03 9 00	05 6 05	—	00 8 32	11 9 21
Umaria	431 83	641 12	7 25 18	98 02 2	988 28	71 4 60	63 6 02	—	00 2 28	13 4 32
Umaria	431 77	637 18	8 26 24	98 02 2	999 27	xx x xx	53 1 00	—	00 1 28	12 6 xx

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000mb	900mb	850mb	800mb	700mb	600mb	500mb	400mb	300mb	200mb	150mb	100mb
			HHHTTTTdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	...	—	—	138 208 182	...	309 140 110	438 072 032	586 018 529	764 552 595	...	...	—	...
Jiwani ...														
Karachi ...	00 00	997 305 362	501 xxx xxx	—	138 225 998	—	308 140 990	436 052 992	583 535 995	757 595 992	974 730	257 952	443 400	688 2[illegible]
Lahore ...	00 00	972 348 198	542 xxx xxx	...	143 302 162	—	310 125 075	438 038 995	583 550 990	756 635 995	...	—	—	...
Multan ...														
Peshawar ...	00 00	955 281 138	...	—	140 312 522	...	314 155 045	437 055 585	582 258 595	754 655 992	968 710	...	...	—
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 328 312	600 192 155	468 002 548	350 595 652	010 472 375	...	...	...	—	010 472 375	...	...
Jiwani ...													
Karachi ...	00 00	900 230 xxx	800 230 xxx	350 650 xxx	250 840 xxx	010 180 xxx	...	...	...	—	010 100 xxx	—	...
Lahore ...	00 00	900 340 180	800 320 110	...	—	—	—	—	—	—	800 270 110	—	...
Multan ...													
Peshawar ...	00 00	900 412 162	800 270 120	—	...	...	—	—	—	—	800 270 120	...	—
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenth of °C)
Sc—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
	At 1200 hrs. G.M.T. † of Previous day (dd ff)								
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	14 14	14 11	15 11	15 09	15 05	11 03	12 11	14 08	15 04
Chaklala ...	...	30 04	29 06	30 06	24 08	10 03	23 06	27 04	...
Chhor ...	24 05	26 03	11 02	05 04	05 06	02 06	20 09	21 08	20 12
Chittagong ...	18 18	18 23	18 23	14 21	...	...	...	...	...
Cox's Bazar ...	17 18	18 11	—	—	...	...	...	...	...
Dacca ...	17 27	17 23	19 23	17 19	16 12	15 17	15 12	13 02	14 13
Dalbandin ...	...	—	25 06	03 03	18 01	09 04	04 09	03 10	01 11
D. I. Khan ...	—	—	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	24 12	09 04	...	...	...
Fort Sandeman ...	...	...	...	11 11	13 07	30 03	...	...	...
Jacobabad ...	12 36	13 07	13 07	06 06	04 09	02 09	34 13	26 04	30 09
Jessore ...	15 10	16 15	16 14	16 15	14 06	14 10	17 20	13 20	41 18
Jhelum ...	...	...	...	...	...	...	...	...	...
Jiwani ...	14 07	22 06	10 07	08 08	03 08	02 05	35 09	36 06	02 08
Karachi ...	25 06	17 04	12 04	05 09	03 14	02 17	03 15	24 06	22 10
Khanpur ...	36 04	35 04	33 05	34 04	01 02	12 04	...	...	...
Lahore ...	36 33	34 03	33 03	32 06	28 04	30 06	35 04	29 02	26 06
Multan ...	30 04	29 03	16 02	13 03	11 04	35 04	...	...	...
Muscat ...	—	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	27 04	30 04	09 03	12 09	02 02	02 05
Peshawar ...	...	05 07	04 04	26 03	28 06	31 11	31 11	02 15	02 17
Quetta ...	...	...	...	...	29 04	31 03	28 07	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	22 01	22 07	22 09	22 08	19 06	19 11	...	...	...
Veraval ...	...	...	—	...	...	—	...	...	...

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
	At 0000 hrs G.M.T. † of date (dd ff)					
STATION	11	12	13	14	15	16
Bogra ...	No	Ascent	...	...	...	...
Chaklala ...	—	21 06	13 08	28 08	27 06	23 03
Chhor ...	22 15	23 21	21 09	21 09	19 07	18 07
Chittagong ...	17 19	17 19	18 19	18 15	19 13	19 19
Cox's Bazar ...	...	...	...	...	...	...
Dacca ...	17 15	16 13	17 13	17 09	17 11	18 12
Dalbandin ...	—	...	19 01	05 05	06 12	34 04
D. I. Khan ...	—	...	...	...	...	...
Drosh ...	—	...	...	15 02	16 03	13 04
Fort Sandeman ...	...	...	...	15 01	23 07	34 03
Jacobabad ...	14 10	16 04	15 04	24 08	19 04	02 07
Jessore ...	16 13	16 17	18 15	16 13	...	...
Jhelum ...	11 04	28 01	30 03	31 06	32 01	01 02
Jiwani ...	08 06	07 05	03 03	27 05	33 09	35 09
Karachi ...	...	...	...	...	...	...
Khanpur ...	21 06	27 10	22 10	23 01	22 06	26 13
Lahore ...	28 07	27 10	26 10	26 06	24 01	09 05
Multan ...	20 15	19 15	19 13	24 06	24 05	29 05
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	24 13	29 11	34 06
Peshawar ...	...	35 07	35 04	31 03	20 13	01 01
Quetta ...	...	...	...	...	24 03	27 03
Sharjah ...	...	...	...	...	...	...
Sylhet ...	18 08	...	...	...	...	...
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	9.0
	At 0600 hrs. G.M.T. † of date (dd ff)										
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	15 12	16 14	...	...	...	...	...	...	...	...	...
Chaklala ...	...	25 03	28 03	32 06	28 07	30 05	05 06	01 10	02 15	...	...
Chhor ...	21 09	21 12	21 07	11 05	08 07	07 15	08 08	12 06	17 13	16 11	17 05
Chittagong ...	...	...	...	...	...	...	—	—	—	...	...
Cox's Bazar ...	18 21	16 16	16 18	16 22	...	...	...	...	...	...	...
Dacca ...	16 07	xx xx	xx xx	xx xx	17 13	xx xx	xx xx	17 13	14 10	15 10	...
Dalbandin ...	...	—	17 01	10 06	04 14	05 10	05 08	08 06	11 07	19 08	23 03
D. I. Khan ...	...	...	—	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	06 05	34 10	36 04	35 02	33 02	03 13	01 27
Fort Sandeman ...	...	...	...	33 03	02 03	05 03	01 07	36 13	03 09	01 12	36 07
Jacobabad ...	19 05	16 03	29 03	24 01	34 03	02 09	04 10	25 11	24 17	23 16	25 14
Jessore ...	13 12	15 12	...	...	...	...	...	...	...	...	...
Jhelum ...	14 02	13 04	12 04	34 06	24 14	32 09	35 09	01 11	03 14	...	...
Jiwani ...	14 05	12 05	04 05	04 05	01 06	02 05	10 11	13 12	15 08	17 06	11 05
Karachi ...	27 08	27 06	36 05	04 07	05 12	04 17	05 16	97 07	15 09	16 11	17 08
Khanpur ...	34 12	25 13	26 14	26 12	26 13	26 07	29 14	03 18	02 08	—	...
Lahore ...	27 03	30 07	30 07	30 06	28 03	07 04	04 04	35 12	03 08	—	—
Multan ...	20 08	19 09	19 12	27 04	08 03	35 06	02 04	29 14	...	...	...
Muscat ...	—	—	...	...	...	...	...	...	—	...	...
Panjgur ...	—	—	—	31 07	36 10	03 06	12 10	24 03	18 05	22 09	24 05
Peshawar ...	—	08 06	04 10	35 13	31 13	32 07	29 16	35 10	34 11	23 09	03 28
Quetta ...	...	...	—	—	25 01	32 09	34 03	09 06	05 10	05 21	05 08
Sharjah ...	...	...	...	—	—	...	...	—	...	—	...
Sylhet ...	20 01	21 04	20 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 ...	16 17	16 13	17 12	13 11	16 10	17 12	17 12	16 15	16 14	17 12	15 12						—	...
Karachi ...	28 10	28 09	19 07	19 07	01 10	04 21	02 37	03 41	03 33	17 12	09 06	16 14	13 04	14 07	14 08	07 15	...	—
Peshawar ...	...	32 08	09 04	15 03	13 06	14 06	31 03	27 09	23 10	24 10	25 10	26 23	27 19	...	...	...	...	—
Quetta ...																		

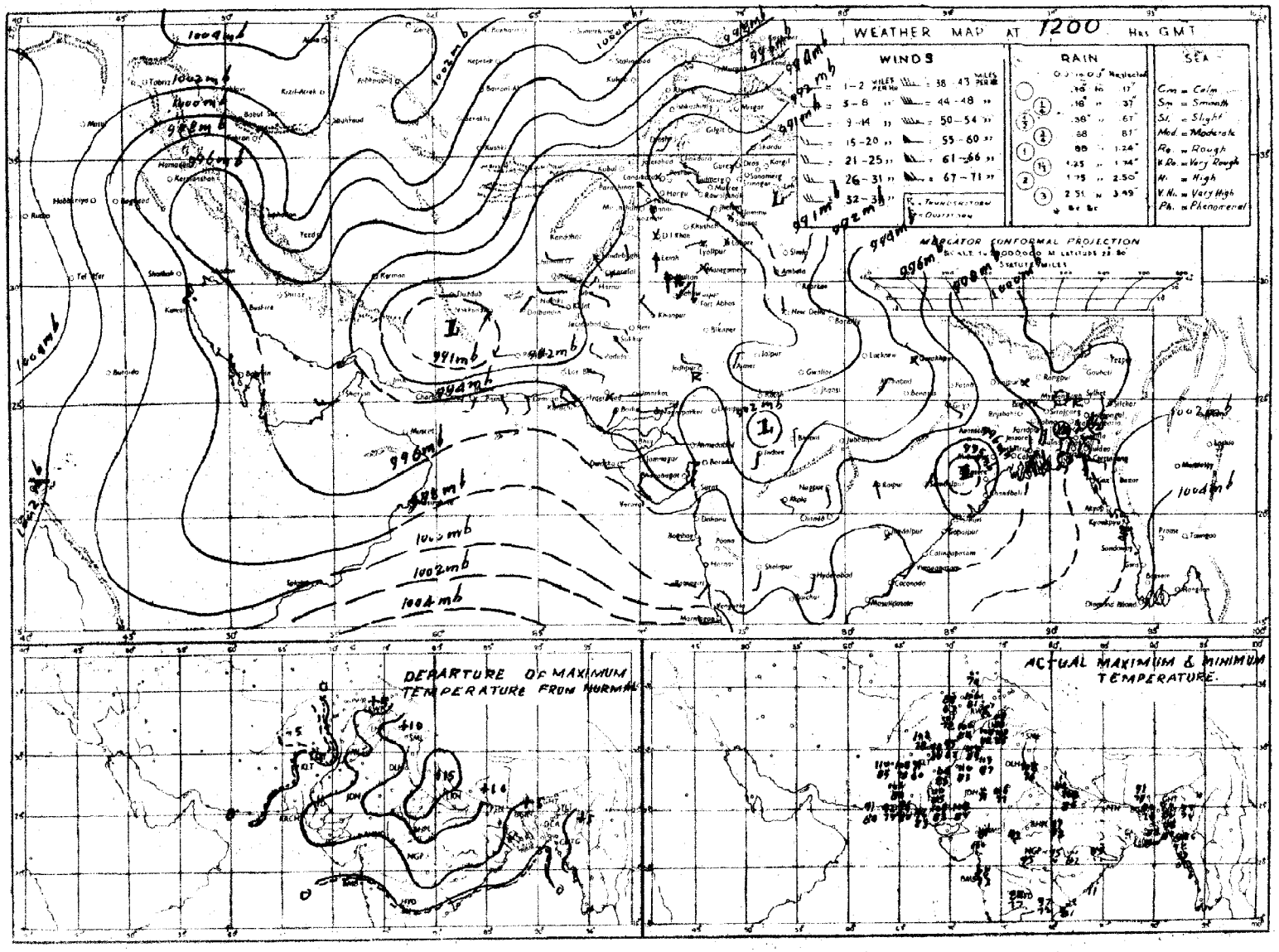
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd VrVr etc.)

11 712 30 210

PAKISTAN DAILY WEATHER MAP

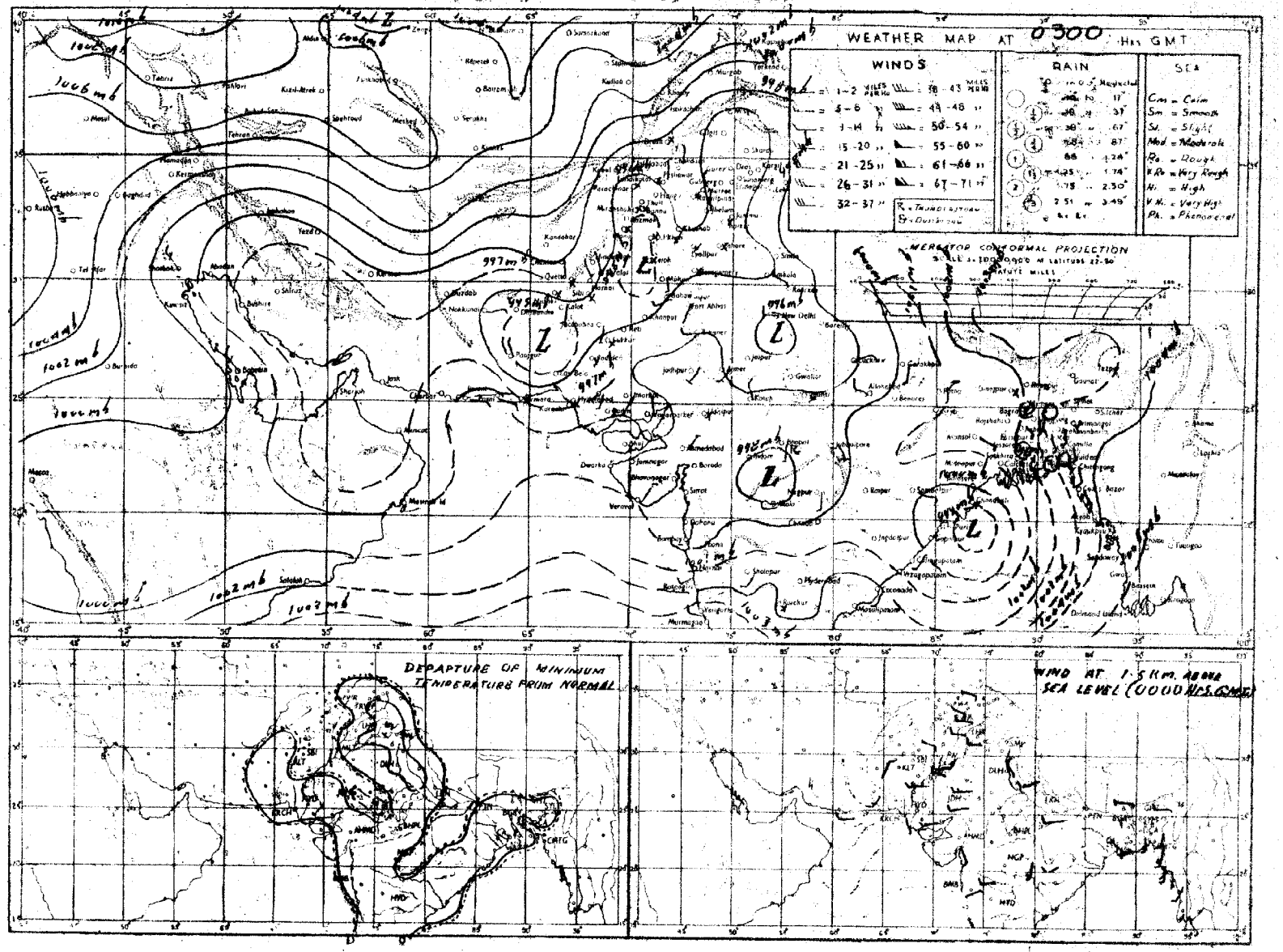
WEDNESDAY 4th JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY, 5th JULY, 1962.



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. 16

FRIDAY THE 6th JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Observations are lacking but believe an easterly low pressure wave is moving across Chota Nagpur and Bihar while another is entering into northwest Bay of Bengal.

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

Yesterday's trough of low over Kutch now lies over Hyderabad division and adjoining Kutch.

A feeble easterly low lies over Madhya Bharat and southeast Rajasthan.

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

Scattered thunderstorms have been reported from Lahore division

Chief amounts of rainfall are :—Maijdee Court and Srimangal (till 05 1200E) 1" each ; Brahmanbaria and Dacca 1/2" each and Rangamati, Comilla and Jessore 1/4" each.

Day temperatures were 9—13 °F (5—7 °C) above normal in Lahore, Rawalpindi and Sargodha divisions and 3—8 °F (2—4 °C) so elsewhere over West Pakistan outside Quetta division.

Forecast valid until the evening of 7th July, 1962 :—Local rain/thundershowers will occur in East Pakistan. Thunderstorms/showers are likely to be local in Peshawar, Rawalpindi, Sargodha and Lahore divisions and in Kashmir and scattered elsewhere over West Pakistan outside Kalat division.

...rachi-11
...e 6th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
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 † 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	Rangamati	018	1	6	6	02	96	17	9	019	81	4	7	4	7	2	79	92
	Cox's Bazar	000	0	3	18	09	97	01	2	003	84	2	4	5	4	8	76	85
	Chittagong	000	0	6	18	12	97	03	2	002	83	4	5	6	7	0	77	87
	Maijdee Court	015	5	5	10	19	97	02	6	007	84	3	2	7	5	0	77	82
	Comilla	001	7	5	18	05	97	02	6	984	86	5	4	6	0	0	79	90
	Brahmanbaria	000	0	6	18	03	97	03	1	000	86	4	4	5	0	8	79	89
	Sylhet	000	0	7	05	02	96	03	2	003	87	3	3	6	5	1	77	88
	Srimangal	105	2	8	00	00	93	03	6	983	88	8	0	3	0	0	79	86
Dacca	Mymensingh	000	0	6	13	02	97	02	1	003	83	6	4	4	0	0	79	90
	Narayanganj	000	9	6	18	02	96	03	2	013	80	2	4	3	0	8	78	91
	Dacca (Tezgaon)	002	0	3	18	27	98	02	0	991	87	2	1	6	0	1	75	90
	Faridpur	000	0	5	16	03	97	03	2	000	87	2	5	7	1	0	81	88
Khulna	Barisal	000	0	8	G	00	97	05	0	007	87	8	7	6	x	x	80	90
	Khulna	000	0	6	12	03	97	01	2	991	87	6	5	7	0	0	80	09
	Satkhira	000	0	5	18	02	97	03	2	006	88	3	4	6	2	0	80	91
	Jessore	030	6	4	13	05	97	02	6	990	88	4	4	6	0	0	73	89
Rajshahi	Pabna	000	0	4	13	05	99	01	2	985	86	0	0	9	0	2	79	92
	Sirajganj	000	0	7	00	00	98	03	1	992	85	6	1	4	0	4	79	87
	Bogra	000	0	6	13	03	96	08	2	991	86	3	4	5	0	1	77	89
	Dinajpur	000	0	4	00	00	96	02	2	985	87	4	0	9	2	0	79	88
	Rangpur	000	0	4	11	02	96	01	2	994	97	4	4	6	0	0	80	
...mir	Jammu																	
...ore	Lahore (Jail Rd.)	000	0	0	23	02	95	05	0	917	10	0	0	9	0	0	59	12
	Sialkot	000	0	0	23	03	97	00	0	903	09	0	0	9	0	0	59	3
...l-...di	Jhelum	000	0	0	23	05	96	01	0	898	08	0	0	9	0	0	64	12
	Rawalpindi	000	0	1	27	05	97	00	0	898	08	1	0	9	4	0	52	10
	Campbellpur	000	0	0	00	00	98	00	0	887	12	0	0	9	0	0	59	13
...odha	Khushab	000	0	0	18	03	97	95	4	913	10	0	0	9	0	0	93	13
	Lyallpur	000	0	0	00	00	97	00	0	914	10	0	0	9	0	0	51	10
...tan	Montgomery	000	0	0	00	00	96	02	0	920	07	0	0	9	0	0	75	10
	Multan	000	0	0	00	00	97	02	0	915	12	0	0	9	0	0	66	14
	Leiah	000	0	0	18	02	97	00	0	xxx	09	0	0	9	0	0	82	11
...alpur	Khanpur	000	0	1	25	02	95	05	0	919	11	1	1	6	0	0	60	13
	Bahawalpur	000	0	0	00	00	98	00	0	xxx	10	0	0	9	0	0	75	12
	Fort Abbas	000	0	0	18	02	98	0.	0	924	06	0	0	9	0	0	65	10
...war	Chakdara	000	0	0	36	03	97	00	0	878	05	0	0	9	0	0	57	07
	Peshawar	000	0	1	09	03	97	02	0	031	08	1	1	6	0	0	55	10
	Haripur	000	0	0	37	01	96	00	0	892	08	0	0	9	0	0	57	09
...I. ...an	Bannu	000	0	0	00	00	99	00	0	897	10	0	0	9	0	0	56	10
	D. I. Khan	000	0	0	00	00	98	00	0	916	10	0	0	9	0	0	56	11
...tta	Sibi	000	5	3	18	02	97	04	1	926	6	0	0	9	4	1	50	17
Kalat	Nokkundi	000	3	3	02	02	97	03	1	899	10	3	0	9	4	0	41	13
	Turbat	000	0	0	23	12	97	00	0	934	10	0	0	9	0	0	xx	15
	Jiwani	000	0	0	16	09	97	02	0	957	68	0	0	9	0	0	79	91
	Pasni	000	1	0	20	10	96	05	4	958	90	0	0	9	0	0	77	94
Division	Ormara	000	0	0	27	07	95	00	0	947	91	0	0	9	0	0	78	96
	Lasbela																	
	Karachi (Manora)	000	0	4	23	10	96	01	1	944	92	4	6	4	0	0	83	97
	Karachi (Airport)	000	0	0	33	10	96	01	0	946	90	0	0	9	0	0	83	94
...bad	Nagarparkar	000	0	0	36	02	97	00	0	921	01	0	0	9	0	0	60	05
	Umerkot	000	0	6	20	02	98	02	0	932	05	6	1	7	0	0	74	09
	Hyderabad	000	0	0	20	05	97	02	0	939	05	0	0	9	0	0	69	05
	Badin	000	0	0	23	02	97	00	0	969	04	0	0	9	0	0	71	07
Khairpur	Padidan	000	0	2	18	09	97	03	0	917	10	0	0	9	0	8	63	11
	Nawabshah	000	0	2	13	03	96	02	0	929	09	0	0	9	0	1	65	10
	Sukkur	000	4	3	18	02	97	03	1	917	12	3	0	9	6	0	73	13
	Kashmore	000	0	0	00	00	99	00	0	966	xx	0	0	9	0	0	86	18
	Jacobabad	000	0	0	18	03	97	02	0	915	12	0	0	9	0	0	65	14
...gadh	Veraval																	
...nistan	Jalalabad																	
...bia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kash. Ir	Srinagar *	xxx	x	2	34	04	97	02	0	690	88	2	3	6	0	0	48	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	4	36	03	98	01	0	079	74	0	0	9	3	0	22	75
	Aliabad *																	
	Gilgit *	000	0	0	00	00	99	00	0	298	99	0	0	9	0	0	80	01
...lpindi	Murree *	000	9	2	29	05	98	01	1	294	83	2	1	4	0	0	51	85
...war	Drosh *	000	0	3	23	05	99	03	0	377	07	2	2	7	0	0	41	07
	Cherat *	000	0	0	07	17	98	00	0	478	91	0	0	9	0	0	83	96
	Kakul *	000	8	1	23	03	97	01	1	357	95	1	4	7	0	0	47	98
	Landikotal *	000	0	0	00	00	98	00	0	392	03	0	0	9	0	0	61	04
	Parachinar *	000	0	2	13	02	99	00	0	393	92	2	0	9	1	0	47	93
...Khan	Miranshah *	000	0	0	00	00	99	00	0	422	04	0	0	9	0	0	97	05
	Wana *	000	0	0	13	02	99	00	0	505	97	0	0	8	0	0	60	99
Quetta	Fort Sandeman *	000	0	0	11	01	99	02	0	405	99	0	0	9	0	0	36	01
	Hindubagh *	000	0	6	13	03	97	00	0	370	96	0	0	8	0	6	66	97
	Loralai *	000	0	4	11	02	99	00	1	376	96	0	0	9	1	1	83	99
	Harnai *	000	0	3	13	05	97	03	0	xxx	04	3	2	5	0	0	51	05
	Quetta *	000	0	5	27	02	96	02	0	383	95	5	1	5	0	0	28	96
	Chaman *	000	0	0	27	07	98	00	0	392	03	0	0	9	0	0	54	04
	Nushki *	000	0	4	27	13	98	03	0	435	07	4	0	9	0	3	44	10
	Dalbandin *	000	0	2	41	03	97	03	0	411	10	2	0	9	3	0	44	12
...lat	Kalat *	000	4	0	26	03	98	03	2	391	83	0	0	9	0	0	61	93
	Panjgur *	000	0	2	31	06	98	03	0	401	08	2	5	6	0	0	41	08
...ha-...tan	Kabul *																	
	Kandhar *																	

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)
Rangamati	018	0	3	18	02	97	05	1	037	87	2	1	7	6	1	77	79
Cox's Bazar	000	0	6	16	13	97	02	2	020	84	4	8	5	0	0	75	78
Chittagong	000	0	5	13	09	97	02	3	025	85	4	4	6	2	0	75	78
Maijdee Court	090	2	8	16	02	96	02	6	025	80	6	2	5	2	x	79	76
Comilla	023	8	8	13	05	97	02	6	990	84	8	4	4	x	x	78	76
Brahmanbaria	040	0	4	18	07	97	03	1	026	83	4	4	5	0	0	77	77
Sylhet	011	9	7	23	05	96	02	6	030	81	7	6	4	7	6	77	79
Srimangal	...	..	...	...	..	...	...	...	..		—	..	..		...	...	...
Mymensingh	008	2	4	13	02	97	02	6	027	83	4	2	6	0	0	79	78
Narayanganj	014	4	7	13	03	97	03	6	021	86	7	4	2	0	0	77	79
Dacca (Tezgaon)	052	6	8	16	02	96	02	6	013	85	6	8	4	0	1	77	79
Faridpur	000	8	6	16	05	97	03	2	011	87	5	5	7	1	0	79	79
Barisal	000	0	8	13	05	97	02	2	017	86	8	7	6	x	x	79	81
Khulna	000	0	5	00	00	97	01	2	013	86	5	5	6	0	0	83	80
Satkhira	000	0	5	18	03	97	03	2	097	88	2	4	6	2	0	78	80
Jessore	030	9	7	18	05	97	03	6	012	84	7	5	6	0	0	80	78
Pabna	000	0	3	13	05	99	03	1	008	87	3	2	7	0	0	79	79
Sirajganj	000	0	1	00	00	98	03	1	016	84	1	1	4	0	0	78	80
Bogra	000	0	6	13	03	96	07	2	017	86	4	5	5	2	0	76	81
Dinajpur	000	9	4	00	00	96	02	2	012	85	4	0	9	3	0	78	78
Rangpur	000	0	7	13	02	96	03	1	020	84	7	5	6	0	0	78	79
Jammu																	
Lahore (Jail Rd.)	000	0	0	13	02	95	95	0	976	90	0	0	9	0	0	73	86
Sialkot	000	0	0	05	07	97	00	0	974	92	0	0	9	0	0	75	87
Jhelum	000	0	0	13	07	95	05	0	974	91	0	0	9	0	0	72	87
Rawalpindi	000	0	0	13	09	96	07	4	964	93	0	—	9	0	0	68	85
Campbellpur	000	0	0	13	12	97	00	0	944	95	0	0	9	0	0	62	89
Khushab	000	0	0	09	05	96	06	4	961	93	0	0	9	0	0	79	86
Lyallpur	000	0	0	29	02	96	00	0	961	92	0	0	9	0	0	63	84
Montgomery	000	0	0	23	02	96	02	0	959	93	0	0	9	0	0	71	xx
Multan	000	0	2	18	02	97	01	0	939	92	2	0	9	3	0	77	89
Leiah	000	0	0	18	01	97	00	0	xxx	xx	0	0	9	0	0	64	84
Khanpur	000	0	0	23	09	95	05	0	950	94	0	0	9	0	0	70	88
Bahawalpur	000	0	0	23	01	98	00	0	065	96	0	0	9	0	/	73	84
Fort Abbas	000	0	0	16	02	98	00	0	969	95	0	0	9	0	0	70	87
Chakdara	000	0	0	26	01	97	00	0	936	82	0	0	9	0	0	58	77
Peshawar	000	0	0	31	03	97	02	0	956	90	0	0	9	0	0	59	82
Haripur	000	0	0	31	02	96	00	0	948	95	0	0	9	0	0	64	82
Bannu	000	0	0	00	00	99	00	0	939	95	0	0	9	0	0	67	83
D. I. Khan	000	0	0	00	00	96	00	0	941	93	0	0	9	0	0	71	62
Sibi	000	0	0	00	00	97	05	0	951	95	0	0	9	0	0	73	91
Nokkundi	000	1	1	34	05	97	03	1	943	96	0	0	9	0	1	40	90
Turbat	000	0	0	27	02	97	00	0	984	89	0	0	9	0	0	xx	xx
Jiwani	000	0	3	13	02	97	01	1	997	xx	2	6	4	3	0	77	79
Pasni	000	3	6	20	02	96	03	1	979	85	0	0	9	4	4	75	80
Ormara	000	0	3	00	03	94	03	1	970	85	3	1	6	0	0	78	80
Lasbela																	
Karachi (Manora)	000	0	6	27	05	96	03	2	974	85	4	6	4	3	0	78	83
Karachi (Airport)	000	0	5	27	07	96	02	1	984	85	2	5	5	0	2	81	82
Nagarparkar	000	0	2	36	02	97	00	0	963	90	2	2	7	0	0	82	77
Umerkot	000	0	8	20	02	97	02	0	969	91	0	0	7	8	0	79	83
Hyderabad	000	0	6	20	02	97	02	0	969	87	3	0	9	3	1	75	85
Badin	000	0	0	23	02	97	00	0	984	87	0	0	9	0	0	77	82
Padidan	000	0	3	13	10	97	03	0	947	xx	0	0	9	0	0	71	86
Nawabshah	000	0	6	16	05	96	03	1	942	92	0	0	9	0	6	71	86
Sukkur	000	9	0	20	05	97	02	1	945	93	0	0	9	0	0	73	85
Kashmore	000	0	0	00	00	99	00	0	991	03	0	0	9	0	0	86	85
Jacobabad	000	0	0	13	02	96	02	0	943	96	0	0	9	0	0	76	90
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **	000	0	0	31	02	98	00	0	104	63	0	0	9	0	0	34	52
Aliabad *																	
Gilgit *	000	0	0	00	00	99	00	0	448	83	0	0	*	0	0	67	67
Murree *	000	0	2	09	02	96	01	1	428	76	0	0	5	5	0	50	67
Drosh *	000	0	0	00	00	99	02	0	432	83	0	0	9	0	0	48	77
Cherat *	000	0	0	05	10	98	00	0	465	83	0	0	9	0	0	79	63
Kakul *	000	9	0	13	12	96	05	1	430	87	0	0	9	0	0	54	79
Landikotal *	000	0	0	00	00	97	00	0	415	92	0	0	9	0	0	58	74
Parachinar *	000	0	0	00	00	99	00	0	408	75	0	0	9	0	0	53	69
Miranshah *	000	0	0	00	00	99	00	0	411	91	0	0	9	0	0	66	80
Wana *	000	0	0	00	00	99	00	0	513	82	0	0	9	0	0	59	70
Fort Sandeman *	000	0	0	00	00	99	02	0	428	84	0	0	9	0	0	50	76
Hindubagh *	000	0	0	00	00	97	00	0	407	85	0	0	9	0	0	65	69
Loralai *	020	0	0	05	02	99	00	0	404	85	0	0	9	0	0	69	65
Harnai *	000	0	0	31	09	97	00	0	xxx	91	0	0	9	0	0	51	82
Quetta *	000	0	0	16	02	97	00	0	404	80	0	0	9	0	0	46	61
Chaman *	000	0	0	09	05	98	00	0	405	87	0	0	9	0	0	44	76
Nushki *	000	0	0	09	09	98	02	0	457	99	0	0	9	0	0	36	82
Dalbandin *	000	6	0	36	02	97	02	1	412	93	6	0	9	4	0	37	80
Kalat *	000	0	0	18	02	98	00	0	405	60	0	0	9	0	0	51	62
Panjgur *	000	0	0	00	00	97	02	0	411	83	0	0	9	0	0	64	78
Kabul *																	
Kandhar *																	

Departure from Normal of / Rainfall

STATIONS (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati	—	—	—	—	—	—
Cox's Bazar	— 1	+ 4	45.7	+ 8.1	56.5	140
Chittagong	+ 1	+ 1	29.1	+ 3.7	42.5	108
Maijdee Court	— 4	— 2	—	—	—	115
Comilla	+ 3	— 1	—	—	—	94
Brahmanbaria	—	—	15.5	— 0.9	32.7	78
Sylhet	—	—	40.3	—	67.3	—
Srimangal						98
Mymensingh	+ 3	0	22.1	+ 1.1	37.0	91
Narayanganj	+ 3	0	12.1	— 2.8	29.4	74
Dacca (Tezgaon)	—	—	8.2	—	23.1	—
Faridpur	0	+ 1	8.0	— 7.3	21.3	71
Barisal	+ 3	+ 2	14.5	— 3.9	27.4	81
Khulna	+ 1	+ 2	15.2	— 0.1	22.9	68
Satkhira	+ 2	+ 2	15.2	+ 0.3	22.9	65
Jessore	—	—	7.1	— 7.6	17.3	65
Pabna	—	—	13.1	—	31.7	59
Sirajganj	0	+ 2	7.7	— 7.1	20.7	64
Bogra	0	+ 3	12.7	— 3.5	25.2	69
Dinajpur	0	0	10.2	— 7.7	17.4	72
Rangpur	0	+ 1	22.9	+ 1.3	27.1	84
Jammu						—
Lahore (Jail Rd.)	+ 10	+ 6	0	— 2.4	6.4	19
Sialkot	+ 13	+ 6	2.5	— 1.5	7.0	32
Jhelum	—	—	3.1	—	9.2	
Rawalpindi	+ 10	+ 8	1.7	— 1.8	8.3	36
Campbellpur	—	—	0.6	—	8.9	—
Khushab	+ 9	+ 3	0.1	— 1.8	5.1	15
Lyallpur	+ 6	+ 1	0.9	— 1.2	4.3	13
Montgomery	+ 5	—	0.2	— 1.4	3.3	10
Multan	+ 11	+ 4	0.3	— 0.6	2.9	7
Leiah	—		—		—	8
Khanpur	+ 6	+ 3	0	— 0.9	1.0	6
Bahawalpur	+ 7	0	1.3	+ 0.7	2.1	6
Fort Abbas	—	—	0		0.3	8
Chakdara	—	—	0.1	—	9.4	—
Peshawar	+ 6	+ 2	0	— 0.4	6.6	11
Haripur	—	—	1.4	—	8.1	—
Bannu	—	—	0.4	—	3.4	11
D. I. Khan	+ 6	— 1	0	— 0.9	2.9	9
Sibi	—	—	0		1.1	5
Nokkundi	—	—	0	—	0.1	2
Turbat	—	—	0	—	2.7	—
Jiwani	—	—	0	—	0.7	5
Pasni	+ 2	+ 2	0	— 0.4	0.2	6
Ormara	—	—	0	0	1.0	6
Lasbela						8
Karachi (Manora)	+ 7	+ 1	0	— 0.9	0	8
Karachi (Airport)	—	—	0	—	0	—
Nagarparkar	—	—	0	—	0	—
Umerkot	—	—	0	—	0.1	—
Hyderabad	+ 4	+ 3	0	— 0.8	0.8	7
Badin	+ 10	0	0	— 2.0	0.6	9
Padidan	—	—	0	—	0.6	—
Nawabshah	—	—	0	—	0.4	—
Sukkur	—	—	0	—	0	4
Kashmore	—	—	0	—	0	—
Jacobabad	+ 3	+ 5	0	— 0.4	0.9	4
Veraval						20
Jalalabad						
Muscat						4
Kuwait						5
HILL STATIONS						
Srinagar *	—					26
Gulmarg **						—
Sonamarg **						71
Dras **						24
Leh **						3
Skardu *						6
Misgar **	—	—				—
Aliabad *						—
Gilgit *	—	—				5
Murree *	+ 9	+ 8	3.5	— 2.4	21.8	59
Drosh *	+ 12	+ 5	0.8	—	12.8	16
Cherat *	+ 5	— 9	1.0	— 0.4	25.1	29
Kakul *	—	—	1.1	—	16.7	—
Landikotal *	—	—	0.5	—	12.2	—
Parachinar *	+ 4	+ 3	1.9	—	15.4	29
Miranshah *	—	—	0.1	— 1.0	1.9	13
Wana *	—	—	2.1	—	10.5	11
Fort Sandeman *	— 2	+ 1	2.1	+ 1.1	6.9	11
Hindubagh *	—	—	0	—	3.8	—
Loralai *	—	—	0	—	4.1	9
Harnai *	—	—	0.6	— 0.5	3.7	14
Quetta *	—	—	0	— 0.2	4.2	9
Chaman *	+ 2	0	0	0	1.3	
Nushki *	—	—	0	—	1.6	
Dalbandin *	+ 3	+ 5	0	0	1.1	4
Kalat *	+ 2	0	0	— 0.3	1.9	7
Panjgur *	+ 5	+ 2	0	—	1.0	5
Kabul *						12
Kandhar *						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 6th JULY, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Esso France	531 98	595 06	2 21 13	97 01 2	985 25	22 6 49	16 7 01	...	00 4 22	12 1 21
Esso Amsterdam	532 11	594 16	0 16 03	97 02 0	979 27	00 9 00	56 1 02	—	00 3 24	61 8 20
British Councellor	523 45	583 12	0 09 06	97 02 0	94x 31	34 x xx		—		
Isocasdia	531 61	534 12	5 21 15	96 02 1	031 27	50 8 70	16 7 19	—	05 4 26	12 1 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
					HHHTTTTdTd						HHHTTT		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Bogra	...												
Chittagong	...												
Dacca	...	00 00	...	-	-	140 175 168	...	306 108 092	433 052 012	580 532 558	754 620 690	978 762	—
Jiwani	...												
Karachi	...	00 00	995 285 258	525 xxx xxx	...	140 238 995	...	307 135 995	435 065 992	581 535 995	752 635 991	968 768	278 989
Lahore	...	00 00	973 295 235	529 xxx xxx	...	140 255 185	...	310 172 105	440 072 052	587 548 995	759 635 995	970 775	—
Multan	...												
Peshawar	...	00 00	953 305 135	...	..	140 328 188	...	309 225 095	437 170 990	581 065 995	755 652 998	...	...
Quetta	...												

STATION	Time of ascent in G.M.T.	At Significant Levels: PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong	...												
Dacca	...	00 00	999 272 255	928 202 198	900 202 192	885 202 818	830 148 142	531 002 528	350 688 722	...	...	350 688 722	...
Jiwani	...												
Karachi	...	00 00	950 261 xxx	800 240 xxx	350 700 xxx	250 850 xxx	310 100 xxx	...	...	...	...	310 100 xxx	...
Lahore	...	00 00	900 280 200	800 228 152	...	...	...	...	...	...	...	800 228 152	...
Multan	...												
Peshawar	...	00 00	900 352 208	800 282 135	...	...	...	...	...	...	...	900 352 208	...
Quetta	...												

PPP—Pressure in hundreds tens and units of millibars.

TTTd TdTdTd : Dry Bulb; Dew Point temperatures (in tenth of °C.

Ts—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	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	15 08	16 09	16 10	17 10	17 07	17 09	20 15	20 15	19 16
Chaklala	...	28 07	29 10	28 11	28 12	29 11	35 13	02 18	01 28
Chhor	28 09	24 02	22 03	20 07	10 11	07 12	...	...	...
Chittagong	...	...	...	...	...	...	...	...	...
Cox's Bazar	17 16	17 12	17 14	17 12	...	...	...	...	...
Dacca	16 16	16 15	16 17	16 15	17 15	18 12	19 14	16 15	18 12
Dalbandin	...	...	08 02	05 03	30 09	01 07	33 05	34 12	06 06
D. I. Khan	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	24 08	15 03	35 04	33 08	34 08
Fort Sandeman	...	...	...	16 05	11 04	05 05	...	...	...
Jacobabad	18 04	20 04	20 04	21 04	02 05	03 06	02 12	36 08	34 06
Jessore	13 08	15 07	15 07	...	...	...	...	...	...
Jhelum	22 10	24 08	27 07	33 06	31 07	35 04	02 15	34 08	10 14
Jiwani	16 09	16 07	12 03	07 11	06 14	04 11	08 07	13 07	33 02
Karachi	23 10	21 09	16 07	07 06	06 16	05 28	07 15	08 07	06 04
Khanpur	32 08	30 07	30 06	29 12	27 10	27 03	06 06	01 19	02 17
Lahore	25 32	23 04	27 07	29 07	30 08	32 08	02 12	36 10	34 06
Multan	10 02	10 02	12 02	14 04	12 05	06 09	35 17	36 13	...
Muscat	—	—	—	...	...	...	...	...	...
Panjgur	...	...	...	35 01	35 04	36 02	03 03	24 05	27 07
Peshawar	...	09 02	04 02	32 01	33 03	32 05	36 10	28 22	20 19
Quetta	...	...	...	...	31 04	29 08	29 10	29 28	...
Shariah	...	...	...	...	...	...	...	...	...
Sylhet	05 04	09 01	22 03	21 15	22 12	22 15	...	...	...
Veraval	...	...	...	...	...	...	...	...	...

Height in kms. a.s.l. →	At 0000 hrs G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra	15 21	15 13	15 13	...	...	...
Chaklala	...	13 12	14 16	14 05	25 07	26 05
Chhor	24 13	22 13	21 12	17 05	13 02	05 02
Chittagong	15 12	16 14	17 17	20 23	...	...
Cox's Bazar	16 19	16 18	17 19	...	...	...
Dacca	13 15	18 17	19 15	20 16	18 17	17 16
Dalbandin	...	...	04 01	02 07	05 06	09 09
D. I. Khan	...	...	...	...	...	...
Drosh	...	...	...	26 02	25 03	23 02
Fort Sandeman	...	...	...	17 02	22 05	28 06
Jacobabad	19 19	22 20	22 14	22 06	18 04	36 08
Jessore	17 15	17 15	18 14	18 14	17 17	17 16
Jhelum	10 17	15 14	18 29	...	...	...
Jiwani	20 03	...	...	...	...	...
Karachi	...	...	...	...	...	...
Khanpur	18 15	19 19	20 26	28 08	28 06	22 04
Lahore	15 07	18 12	18 12	28 10	23 04	30 03
Multan	21 13	21 21	20 25	18 31	...	...
Muscat	...	...	...	...	...	...
Panjgur	...	...	...	25 07	34 17	35 15
Peshawar	...	33 16	31 19	29 10	26 13	30 03
Quetta	...	...	...	...	32 02	30 07
Shariah	...	...	...	...	...	...
Sylhet	19 11	20 17	20 16	...	...	...
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
STATION	17	18	19	20	21	22	23	24	25	26
Bogra	14 09	15 10	16 10	17 08	19 09	20 11	20 14	17 11	19 11	...
Chaklala	...	16 09	13 05	23 03	30 09	33 10	01 08	01 04	02 12	...
Chhor	21 09	22 13	21 13	20 12	10 07	07 15	08 13	05 10	...	...
Chittagong	16 13	16 15	16 16	16 17	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...
Dacca	14 08	15 13	15 16	16 14	17 13	18 15	19 21	20 12	23 13	20 41
Dalbandin	...	...	10 09	07 11	06 13	36 07	30 05	30 05	22 05	15 05
D. I. Khan	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	02 01	24 10	33 04	31 09	35 08	35 20
Fort Sandeman	...	...	...	34 01	36 03	09 07	04 07	02 08	06 08	04 18
Jacobabad	21 12	22 11	22 10	22 07	24 05	39 07	04 07	04 09	04 19	05 12
Jessore	15 13	15 09	16 16	...	...	...	...	...	...	...
Jhelum	12 05	13 07	12 07	26 02	30 09	33 11	03 15	04 12	02 13	...
Jiwani	13 07	13 04	32 05	32 04	33 12	04 12	08 11	16 05	16 06	...
Karachi	24 12	28 08	30 06	35 07	01 12	07 20	06 29	11 11	10 10	08 06
Khanpur	25 10	25 12	25 18	26 17	28 10	27 04	04 12	03 15	36 13	04 10
Lahore	17 07	17 10	17 07	16 03	26 06	27 06	35 14	31 19	01 15	02 15
Multan	15 05	15 05	16 35	19 06	20 09	...	...	...	...	...
Muscat	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	32 09	04 11	03 13	08 09	12 09	19 08	25 06
Peshawar	...	36 17	36 17	34 19	29 15	30 15	33 12	33 07	30 08	17 10
Quetta	...	...	...	...	32 04	34 22	35 21	35 18	34 12	05 13
Shariah	...	...	...	...	...	...	...	...	...	...
Sylhet	21 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	17 11	17 21	17 21	18 18	19 19	19 20	17 16	17 11	17 10	17 09	17 12	16 12						
Karachi	27 12	27 12	27 13	27 08	07 08	07 17	06 36	06 23	09 12	09 06	08 07	11 10	19 15	07 10	07 27	...	...	...
Peshawar	...	33 10	29 12	29 08	29 06	31 03	34 03	35 01	35 02	02 01	31 03	29 09	...	...	...	...	...	...
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.

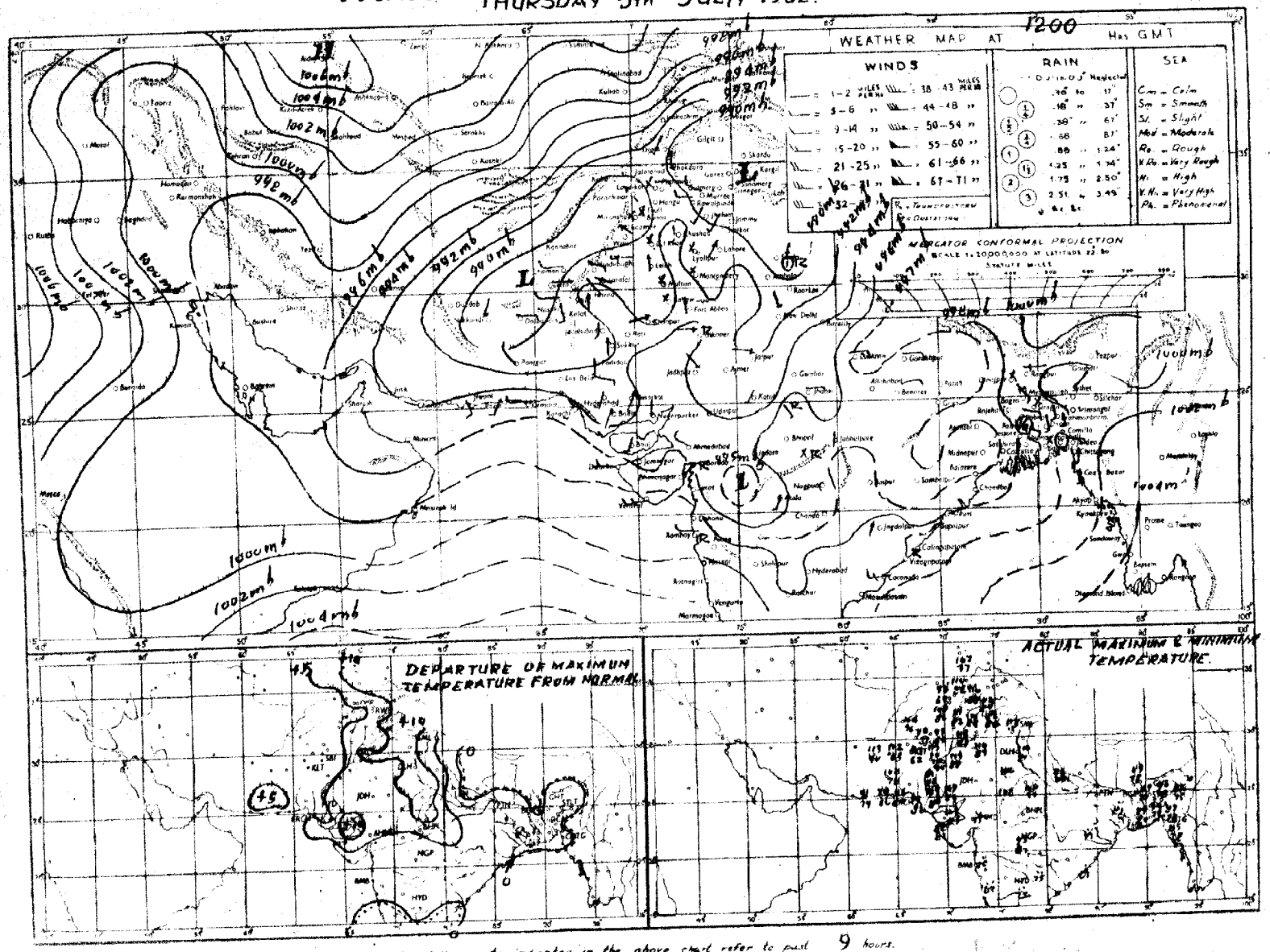
Cloud observation Data (GGiii Cdd V_rV_r etc.)

05 768 31 107

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

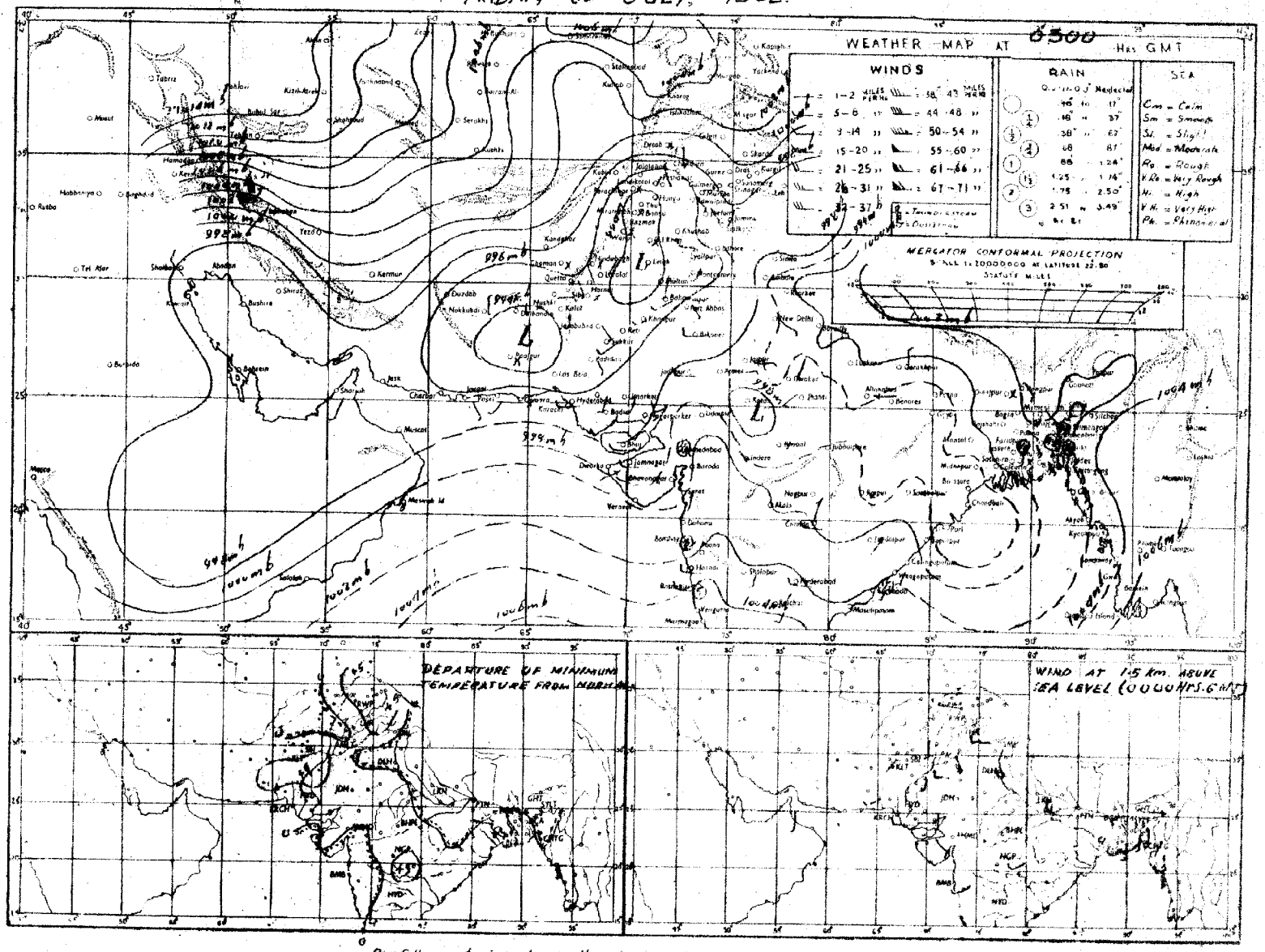
THURSDAY 5th JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY, 6th JULY, 1962.



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. 16

SATURDAY THE 7th JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Ships observations are lacking but believe easterly low pressure wave now lies in northwest Bay of Bengal.
Rainfall has been local in Rajshahi division and scattered in Chittagong and Khulna divisions.
The low pressure wave over Chota Nagpur and Bihar has moved to east Uttar Pradesh and neighbourhood.
Trough of low over Hyderabad division persists.
Easterly low over Madhya Bharat has weakened into a trough after moving to Rajisthan.
Yesterday's westerly low pressure wave north of Kashmir has moved away eastwards. Another is moving across north west of Afghanistan.
Rain/thundershowers have been local in Hyderabad division. Scattered thunderstroms have also been reported from Lahore, Peshawar and Khairpur divisions.
Chief amounts of rainfall are:—Nagarparker 1¼" and pubna and Rangpur ½" each.
Day temperatures were 4—8 °F (2—4 °C) above normal in West Pakistan ontside coastal Kalat division.

Forecast valid until the evening of 8th July, 1962 :—Rain/thundershowers are likely to be fairly widespread in Lahore and Rawalpindi divisions and local in Peshawar, Sargodha, Multan and Hyderabad divisions and in Kashmir. Scattered thunderstorms/showers are also likely elsewhere over West Pakistan outside Kalat division.

Earthquake Report. An earthquake of severe intensity has been reported by the Seismograph of Geophysical Institute, Quetta at 04 hours 07 minutes 11 seconds West Pakistan standard Time today, the 7th July, 1962. The epicentre of the earthquake lies at a distance of 320 miles northeast of Quetta at latitude 33.31°N and longitude 70.1°E near Pakistan - Afghanistan border. It was felt in the northern parts of Pakistan.

rachi-11
7th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
for Director, Meteorological Service.

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

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)
Rangamati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	000	0	4	18	03	97	01	2	986	85	3	8	5	4	0	77	87
Chittagong	000	0	6	18	07	97	03	2	986	84	2	3	6	3	0	78	89
Maijdee Court	005	6	4	18	02	97	02	6	983	85	7	5	8	6	0	76	87
Comilla	000	0	8	18	05	97	02	2	966	88	6	4	5	x	5	80	90
Brahmanbaria	000	0	3	18	03	97	01	1	986	87	1	1	5	0	8	77	89
Sylhet	000	0	4	00	00	97	01	2	985	88	2	2	6	1	1	77	89
Srimangal	000	0	2	00	00	96	03	0	985	87	1	0	4	0	0	78	91
Mymensingh	000	0	4	13	02	98	01	1	986	88	2	1	4	0	4	84	90
Narayanganj	000	9	9	18	05	96	03	2	985	84	3	4	3	0	0	78	90
Dacca (Tezgaon)	000	0	4	18	10	98	02	0	976	85	4	8	5	0	0	76	89
Faridpur	001	0	5	16	02	96	03	5	976	84	4	5	7	1	0	81	84
Barisal	010	4	4	18	05	97	03	6	987	85	2	7	6	4	0	78	89
Khulna	000	0	2	18	03	97	01	1	980	85	2	4	7	0	0	81	91
Satkhira	000	0	5	03	00	97	03	2	986	88	3	4	6	2	0	78	92
Jessore	004	5	4	18	03	97	02	6	991	86	2	4	6	0	0	82	89
Pabna	047	6	2	13	02	99	01	6	969	86	1	1	6	0	3	79	92
Sirajganj	000	0	1	00	00	98	02	1	976	86	1	1	5	0	0	81	87
Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dinajpur	010	6	4	00	00	96	01	0	xxx	85	2	0	9	4	1	80	91
Rangpur	020	6	4	13	02	96	01	6	974	98	2	5	6	1	0	81	90
Jammu																	
Lahore (Jail Rd.)	000	0	1	27	02	95	05	0	913	08	9	1	3	0	8	65	08
Sialkot	000	0	0	00	00	97	00	0	914	07	0	0	9	0	0	68	07
Jhelum	000	0	2	22	03	96	02	0	904	06	0	0	9	0	0	65	07
Rawalpindi	000	0	0	29	01	97	00	0	892	07	0	0	9	0	0	63	08
Campbellpur	000	0	0	31	07	97	00	0	873	12	0	0	9	0	0	57	73
Khushab	000	0	0	23	07	96	35	4	905	10	0	0	9	0	0	95	11
Lyallpur	000	0	0	25	02	97	00	0	924	08	0	0	9	0	0	50	03
Montgomery	000	0	0	00	00	96	00	0	907	07	0	0	9	0	0	75	10
Multan	000	0	0	00	00	97	02	0	897	13	0	0	9	0	0	64	15
Leiah	000	0	0	18	02	97	00	0	xxx	11	0	0	9	0	0	74	12
Khanpur	000	0	1	30	07	96	03	0	925	11	1	3	5	0	0	63	xx
Bahawalpur	000	0	0	36	02	98	00	0	xxx	07	0	0	9	0	0	80	10
Fort Abbas	000	0	0	36	02	98	00	0	917	12	0	0	9	0	0	69	13
Chakdara	000	0	0	18	02	97	00	0	865	05	0	0	9	0	0	59	06
Peshawar	000	0	0	05	03	97	01	0	887	07	0	0	9	0	0	63	09
Haripur	000	0	0	23	02	94	05	0	885	07	0	0	9	0	0	58	09
Bannu	000	0	0	00	00	98	01	0	887	07	0	0	9	0	1	63	10
D. I. Khan	000	[illegible]	0	00	00	98	00	0	906	13	9	0	8	1	2	63	13
Sibi	000	7	1	05	02	97	05	0	899	10	0	0	9	0	0	54	18
Nokkundi	000	0	0	34	09	97	02	0	822	30	0	0	9	9	0	31	13
Turbat	000	0	0	23	03	97	00	0	917	08	0	0	9	0	0	xx	[illegible]
Jiwani	000	0	3	20	10	97	03	0	947	87	3	6	4	0	0	77	90
Pasni	000	1	2	25	14	96	05	1	944	90	0	0	9	0	2	77	93
Ormara	000	0	3	27	09	95	03	1	939	90	3	1	6	0	1	77	93
Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi (Manora)	000	0	4	27	14	96	01	1	942	91	4	6	4	0	3	80	96
Karachi (Airport)	000	0	3	23	10	94	02	0	941	92	1	9	9	3	1	83	98
Nagarparkar	000	0	2	31	02	97	00	0	921	03	0	0	9	0	0	76	05
Umarkot	000	0	0	25	01	98	02	0	932	05	0	0	9	0	0	76	09
Hyderabad	000	0	1	20	09	97	01	1	924	04	0	0	9	0	1	65	08
Badin	000	0	0	23	02	97	00	0	993	02	0	0	9	0	0	70	08
Padidan	000	0	0	13	10	97	02	0	926	11	0	0	9	0	0	63	11
Nawabshah	000	0	2	18	12	96	02	0	922	09	0	0	9	0	0	70	11
Sukkur	000	2	6	20	03	97	03	0	899	10	0	0	9	6	3	77	11
Kashmore	000	0	0	00	00	99	17	9	954	xx	6	7	4	0	0	86	xx
Jacobabad	000	0	0	18	03	97	02	0	894	14	0	0	9	0	0	73	15
Veraval	xxx	x	7	20	18	97	03	1	969	86	4	8	5	3	2	81	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar *	xxx	x	2	34	02	98	02	0	367	90	2	4	6	0	0	50	xx
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **																	
Aliabad *																	
Gilgit *																	
Murree *	000	9	2	25	09	96	01	4	389	82	2	1	4	0	0	55	84
Drosh *	000	9	0	23	03	99	02	0	366	03	0	0	9	0	0	40	08
Cherat *	000	0	0	13	03	98	00	0	449	98	0	0	9	0	0	88	10
Kakul *	000	0	0	27	09	96	00	0	391	95	0	0	9	0	0	57	99
Landikotal *	000	0	1	13	03	97	03	0	382	xx	1	0	7	0	0	60	03
Parachinar *	000	0	2	13	02	99	00	0	395	93	2	1	9	1	0	51	94
Miranshah *	000	0	0	00	00	99	00	0	430	01	0	0	9	0	0	89	06
Wana *	000	0	0	00	00	99	00	0	513	96	0	0	9	0	0	54	99
Fort Sandeman *	000	0	2	02	01	99	01	0	376	00	3	0	8	3	0	43	03
Hindubagh *	000	0	0	13	05	97	00	0	368	98	0	0	9	0	0	49	99
Loralai *	000	0	5	16	03	99	01	1	366	97	0	0	9	1	2	85	01
Harnai *	000	0	3	16	05	97	03	0	xxx	05	3	2	5	0	0	52	06
Quetta *	000	0	4	31	05	96	02	0	361	97	3	1	5	0	1	22	98
Chaman *	000	0	0	27	07	98	00	0	372	05	0	0	9	0	0	59	06
Nushki *	000	0	0	27	09	98	02	0	444	09	0	0	9	0	0	51	11
Dalbandin *	000	0	2	20	03	97	05	0	395	10	2	0	9	3	0	36	03
Kalat *	000	0	0	31	05	98	00	0	354	97	0	0	9	0	0	45	94
Panjgur *	000	0	2	36	02	98	03	0	387	08	2	0	9	5	0	39	10
Kabul *																	
Kandhar *																	

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)
Rangamati	000	0	2	18	02	98	03		027	89	2	3	5	0	4	36	81
Cox's Bazar	000	0	4	16	13	97	03	1	013	84	4	4	5	0	0	75	78
Chittagong	000	0	2	13	09	97	01	1	011	86	2	1	6	0	0	77	79
Maijdee Court	015	9	5	16	05	97	01	2	011	85	6	2	4	2	x	76	80
Comilla	002	0	8	18	05	97	02	2	971	87	8	4	4	x	x	79	79
Brahmanbaria	000	0	5	18	07	97	03	1	014	86	5	4	5	0	0	77	80
Sylhet	000	0	7	18	02	96	03	2	014	86	7	4	6	7	0	xx	78
Srimangal	000	0	0	00	00	96	00	0	018	84	0	0	9	0	0	79	79
Mymensingh	000	0	8	13	03	97	02	1	016	86	8	7	4	x	x	82	80
Narayanganj	000	9	8	13	07	97	02	2	009	86	8	4	2	x	x	79	77
Dacca (Tezgaon)	003	3	6	13	02	97	61	6	006	83	6	4	4	0	0	79	91
Faridpur	001	0	7	16	05	96	02	2	983	85	6	3	5	1	0	79	79
Barisal	010	9	6	13	05	97	02	6	001	84	5	0	9	4	0	78	81
Khulna	000	0	4	00	00	97	01	2	003	82	4	5	7	0	0	81	80
Satkhira	000	0	5	00	00	99	02	2	990	86	3	4	6	2	0	80	80
Jessore	006	9	7	09	05	97	03	6	001	85	7	5	6	0	0	81	79
Pabna	040	0	5	13	05	99	03	2	003	86	5	8	7	0	0	79	79
Sirajganj	000	0	2	00	00	96	02	1	008	83	2	1	5	0	0	79	78
Bogra	000	0	6	13	03	96	07	1	007	87	5	4	5	2	x	80	81
Dinajpur	010	9	4	00	00	96	03	2	007	87	4	0	9	4	0	79	78
Rangpur	038	8	3	13	02	96	01	6	013	86	3	2	6	0	0	79	78
Jammu																	
Lahore (Jail Rd.)	000	2	7	13	17	95	21	9	988	79	3	4	6	7	0	73	76
Sialkot	000	0	4	05	07	97	01	2	998	83	4	5	6	x	x	68	86
Jhelum	000	1	3	13	09	95	07	1	965	88	3	5	7	0	0	40	86
Rawalpindi	000	0	0	13	09	96	07	4	951	92	0	0	9	0	0	72	98
Campbellpur	000	0	0	13	09	97	00	0	909	95	0	0	9	0	0	72	92
Khushab	000	0	0	09	09	96	06	4	945	92	0	0	9	0	0	84	86
Lyallpur	000	0	5	25	02	96	02	0	952	96	5	0	9	4	0	69	90
Montgomery	000	0	4	23	02	96	02	0	948	71	4	0	9	4	0	72	87
Multan	000	0	0	18	03	97	02	0	926	92	0	0	9	0	0	76	88
Leiah	000	0	0	18	02	97	00	0	931	96	0	0	9	0	0	71	96
Khanpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	000	0	0	23	05	98	00	0	xxx	93	0	0	9	0	3	77	86
Fort Abbas	000	0	0	23	02	98	00	0	952	91	0	0	9	0	0	70	87
Chakdara	000	0	0	36	02	97	00	0	919	85	0	0	9	0	0	64	79
Peshawar	000	0	0	34	09	96	01	0	933	91	0	0	9	0	0	71	86
Haripur	000	0	0	25	02	96	00	0	925	95	0	0	9	0	0	69	88
Bannu	000	0	0	00	00	99	[illegible]	0	917	95	0	0	9	0	3	68	85
D. I. Khan	000	0	0	00	00	98	00	0	922	92	0	0	9	0	0	71	66
Sibi	000	0	0	05	01	97	05	0	936	96	0	0	9	0	0	73	94
Nokkundi	000	6	0	34	02	95	07	3	921	91	0	0	9	0	0	44	89
Turbat	000	0	0	27	02	97	00	0	950	88	0	0	9	0	0	xx	xx
Jiwani	000	0	5	13	05	97	00	0	970	84	5	6	4	0	0	77	80
Pasni	003	3	0	25	02	96	05	4	952	84	[illegible]	[illegible]	9	0	0	78	81
Ormara	000	0	3	27	05	94	03	2	952	85	3	1	6	0	0	78	82
Lasbela	000	0	3	02	02	99	03	2	966	87	0	0	8	4	4	80	83
Karachi (Manora)	000	0	6	29	07	95	03	2	953	84	4	6	4	0	3	77	82
Karachi (Airport)	000	0	5	29	07	96	02	1	956	85	2	6	5	0	2	81	83
Nagarparkar	130	0	4	31	02	97	00	0	946	82	0	4	7	0	0	76	xx
Umarkot	016	0	2	23	02	97	02	0	949	85	0	0	7	5	0	76	76
Hyderabad	000	0	6	23	09	97	01	2	946	87	4	0	9	2	1	77	81
Badin	003	0	6	23	09	97	01	2	946	87	4	0	9	2	1	77	84
Padidan	003	0	0	23	02	97	00	0	979	85	0	0	9	0	0	75	79
Nawabshah	003	0	6	13	17	97	03	1	933	87	0	0	9	0	8	75	84
Sukkur	003	9	4	20	05	97	03	9	932	90	0	0	9	0	8	73	87
Kashmore	000	0	4	00	00	99	09	0	984	01	4	1	6	8	0	87	83
Jacobabad	000	0	3	13	07	96	02	0	934	93	1	0	9	4	2	73	89
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **																	
Aliabad *																	
Gilgit *																	
Murree *	000	9	2	11	09	95	01	4	409	73	0	0	9	8	0	55	46
Drosh *	000	0	0	00	00	98	05	4	413	84	0	0	9	0	0	52	77
Cherat *	000	0	0	17	05	98	00	0	483	81	0	0	9	0	0	68	65
Kakul *	000	0	0	00	00	95	05	0	411	86	0	0	9	0	0	62	78
Landikotal *	000	3	0	00	00	94	05	4	395	88	0	0	9	0	0	67	76
Parachinar *	000	0	0	00	00	99	00	0	410	78	0	0	9	0	0	53	73
Miranshah *	000	0	0	00	00	99	00	0	379	90	8	0	9	0	0	79	84
Wana *	000	0	0	00	00	99	00	0	509	85	0	0	9	0	0	54	70
Fort Sandeman *	000	0	0	00	00	99	02	0	408	90	0	0	9	0	0	57	79
Hindubagh *	000	0	0	09	03	97	00	0	390	83	0	0	9	0	0	64	72
Loralai *	000	0	0	27	02	99	00	0	383	84	0	0	9	0	0	71	70
Harnai *	000	0	0	16	05	97	00	0	xxx	90	0	0	9	0	0	49	84
Quetta *	000	0	0	16	02	97	00	0	492	82	0	0	9	0	0	55	72
Chaman *	000	0	0	23	07	98	00	0	389	88	0	0	9	0	0	40	78
Nushki *	000	0	0	09	09	98	02	0	444	94	0	0	9	0	0	23	84
Dalbandin *	000	0	0	23	02	97	02	0	385	89	0	0	9	0	0	27	79
Kalat *	000	[illegible]	0	18	03	98	00	0	387	xx	0	0	9	0	0	53	67
Panjgur *	000	[illegible]	0	00	00	95	05	0	394	85	0	0	9	0	0	69	83
Kabul *																	
Kandhar *																	

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 1962 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1962 to date (41)	Rainfall: Annual Normal (42)
Rangamati	—	—	—	—	—	
Cox's Bazar	+ 1	+ 1	45.7	+ 6.8	56.6	145
Chittagong	+ 7	+ 2	29.1	+ 2.9	42.5	108
Maijdee Court	+ 1	+ 2	—	—	—	115
Comilla	+ 3	+ 2	—	—	—	94
Brahmanbaria	—	—	15.5	− 1.2	32.7	78
Sylhet	—	—	40.3	—	67.3	—
Srimangal	+ 1	+ 3	—	—	—	98
Mymensingh	+ 3	+ 2	22.1	+ 0.5	37.0	91
Narayanganj	+ 2	0	12.1	− 3.3	29.4	74
Dacca (Tezgaon)	—	—	8.2	—	23.1	—
Faridpur	− 4	+ 1	8.	− 7.7	21.3	71
Barisal	+ 1	+ 2	14.6	4.3	27.5	81
Khulna	+ 7	+ 2	15.2	0.6	22.9	68
Satkhira	+ 3	+ 2	15.2	+ .1	21.9	45
Jessore	—	—	7.2	− 7.9	17.4	65
Pabna	—	—	13.5	—	33.1	59
Sirajganj	0	0	7.7	− 7.5	20.7	64
Bogra		+ 3	12.7	− 3.9	25.2	69
Dinajpur	+ 2	0	10.3	− 7.8	17.5	72
Rangpur	+ 2	0	23.2	+ 1.0	27.5	84
Jammu						
Lahore (Jail Rd.)	+ 7	− 4	0	− 2.6	6.4	14
Sialkot	+ 8	+ 5	2.5	− 1.8	7.0	32
Jhelum	—	—	3.1	—	9.2	
Rawalpindi	+ 9	+ 11	1.7	− 2.0	8.3	36
Campbellpur	—	—	0.6	—	8.9	—
Khushab	+ 7	+ 3	0.1	− 1.9	5.1	15
Lyallpur	+ 5	+ 7	0.5	− 1.3	4.3	12
Montgomery	+ 6	+ 3	0.2	− 1.5	3.3	10
Multan	+ 12	+ 3	0.3	− 0.7	2.0	7
Leiah	—	—	—	—	—	8
Khanpur	xx			—		6
Bahawalpur	+ 5	+ 2	1.3	+ 0.6	2.1	6
Fort Abbas	—	—	0	—	0.3	8
Chakdara	—	—	0.1	—	9.4	—
Peshawar	+ 6	+ 6	0	− 0.4	6.6	11
Haripur	—	—	1.4	—	8.1	—
Bannu	—	—	0.4	—	3.4	11
D. I. Khan	+ 9	+ 3	0	− 1.0	2.9	9
Sibi	—	—	0	—	1.1	5
Nokkundi	—	—	0	—	0.1	3
Turbat	—	—	0	—	2.7	—
Jiwani	—	—	0	—	0.7	5
Pasni	+ 1	+ 3	0	− 0.4	0.2	6
Ormara	—	—	0	0	1.0	6
Lasbela		—	0	—	—	8
Karachi (Manora)	+ 5		0	− 0.9	0	8
Karachi (Airport)	—	0	0	—	0	—
Nagarparkar	—	—	1.3	—	1.3	—
Umarkot	—	—	0.2	—	0.3	—
Hyderabad	+ 8	+ 2	0	− 0.8	0.8	7
Badin	+ 12	+ 2	0	− 0.8	0.8	9
Padidan	—	—	0	− 2.0	0.6	—
Nawabshah	—	—	0	—	0.6	—
Sukkur	—	—	0	—	0	4
Kashmore	—	—	0	—	0	—
Jacobabad	+ 5	+ 4	0	− 0.4	0.9	4
Veraval	—					20
Jalalabad						
Muscat						4
Kuwait						5
HILL STATIONS						
Srinagar *	—					26
Gulmarg **						—
Sonamarg **						71
Dras **						26
Leh **						3
Skardu *						6
Misgar **		—				—
Aliabad *						—
Gilgit *		—				5
Murree *	+ 9	+ 7	3.5	− 2.9	21.8	59
Drosh *	+ 12	+ 5	0.8	—	12.8	18
Cherat *	+ 20	− 7	1.0	− 0.5	25.1	29
Kakul *	—	—	1.1	—	16.7	—
Landikotal *	—	—	0.5	—	12.2	—
Parachinar *	+ 6	+ 7	1.9	—	15.4	29
Miranshah *	—	—	0.1	[illegible]	1.9	13
Wana *	—	—	2.1	—	10.5	11
Fort Sandeman *	+ 2	+ 4	2.1	+ 1.1	6.9	11
Hindubagh *	—	—	0	—	3.8	—
Loralai *	—	—	0	—	4.1	9
Harnai *	—	—	0.6	− 0.5	3.7	14
Quetta *	—	—	0	− 0.2	4.2	9
Chaman *	+ 4	+ 2	0	0	1.3	
Nushki *	—	—	0	—	1.6	
Dalbandin *	+ 4	+ 4	0	0	1.1	4
Kalat *	+ 3	0	0	− 0.3	1.9	7
Panjgur *	+ 7	+ 7	0	—	1.0	5
Kabul *						12
Kandhar *						

iven in Code.
hese stations report or *PPP*, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
hese stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted
t 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.
lever 999 is given or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 7th JULY, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	Id_wd_wP…
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Isoneria	631 93	646 03	8 24 35	98 02 2	982 84	87 3 2x	75 0 05	...	05 2 79	12 4 3…
Isoneria	631 98	648 06	8 24 32	98 02 0	985 84	87 4 1x	75 2 03	...	05 2 79	12 4 3…
Sirdhana	632 15	695 06	7 24 10	99 16 1	995 82	75 4 xx	75 5 20	...	05 3 78	12 4 4…
Caltex Perma	632 39	585 42	1 20 08	98 03 0	960 86	10 5 30		...	05 4 81	11 2 3…
Isomeris	632 06	637 12	8 24 25	97 03 2	954 79	47 4 1x	75 7 16	...	05 3 79	12 4 3…
Sirohoma	632 34	775 18	7 25 10	98 02 8	970 86	7x 0 xx	76 2 05	...	00 0 79	12 5 …

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $PPPTTTT_dT_dT_d$	1000 mb $HHHTTTT_dT_dT_d$	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb $HHHTTT$	200 mb	150 mb	10…
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	...	...	...	140 172 162	...	305 098 032	442 052 538	589 955 264	762 638 682	975 772	256 975	441 108	...
Jiwani ...														
Karachi ...	00 00	995 292 252	901 xxx xxx	...	138 245 999	...	311 120 999	439 048 999	584 543 999	758 618 999	972 768	...	—	...
Lahore ...	00 00	974 312 222	...	...	140 252 172	...	310 168 132	438 045 999	581 420 999	748 728 999	...	...	—	...
Multan ...														
Peshawar ...	00 00	952 318 198	...	—	138 302 173	—	307 212 098	437 092 515	585 382 745	757 635 999	972 740	759 880	455 970	—
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st.HHHHTT	st. HHHH…
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	990 382 265	900 188 185	800 158 132	537 002 558	350 692 782	...	...	...	...	350 680 782	...	...
Jiwani ...													
Karachi ...	00 00			...	...	...	...	...	...	...	350 768 999	...	...
Lahore ...	00 00	900 278 192	800 215 155	...	...	...	...	...	...	...	800 215 155	...	...
Multan ...													
Peshawar ...	00 00	900 315 212	800 282 142	...	...	...	...	...	...	...	900 252 142	...	...
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.

TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenth 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	14 22	14 14	14 13	13 07	17 03	19 08	19 10	20 09	20 13
Chaklala	...	27 05	24 01	25 06	28 07	34 11	36 09	05 13	32 11
Chhor	23 10	21 07	21 06	07 10	04 07	05 07	06 01	...	...
Chittagong	19 15	17 14	12 17	15 13	15 13	15 10	17 13	16 15	...
Cox's Bazar	16 15	15 11	14 13	...	...	...	...	...	...
Dacca	15 12	15 19	15 15	14 17	15 12	16 13	15 18	20 13	10 09
Dalbandin	...	...	26 01	12 04	28 03	29 02	06 06	09 11	10 15
D.I. Khan	—	—	—	...	—	—	...	...	...
Drosh	...	...	...	...	33 10	23 08	19 05	22 05	36 13
Fort Sandeman	...	...	...	13 08	12 04	31 04	33 12	...	...
Jacobabad	21 05	20 06	19 04	18 03	16 03	02 07	36 16	01 15	34 07
Jessore	23 17	14 30	14 20	14 14	...	...	...	...	...
Jhelum	22 05	21 04	21 04	28 04	32 10	33 19	37 15	30 16	30 27
Jiwani	21 09	23 09	27 08	03 06	03 17	03 16	04 17	03 14	36 10
Karachi	25 14	26 10	25 08	04 06	05 12	05 17	04 19	09 29	04 24
Khanpur	26 09	36 07	26 05	26 07	27 08	23 08	23 07	21 06	01 08
Lahore	24 33	25 03	26 03	27 03	30 05	36 13	36 17	01 31	01 18
Multan	11 07	12 08	13 10	14 14	15 18	18 24	19 28	21 53	...
Muscat	...	—	...	...	...	...	...	...	...
Panjgur	—	...	—	02 06	02 10	35 12	01 09	01 12	02 11
Peshawar	...	04 02	18 04	20 12	16 02	...	...	...	...
Quetta	—	—	—	—	32 07	34 04	02 07	02 09	...
Sharjah	...	...	...	...	...	...	—	—	—
Sylhet	18 03	24 04	22 05	20 09	10 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	14 12	15 13	15 17	15 13	26 12	17 12
Chaklala	—	08 12	12 14	14 14	19 12	24 17
Chhor	22 13	22 18	21 12	23 09	23 07	23 08
Chittagong	16 21	17 22	17 19	18 15	17 12	18 17
Cox's Bazar	15 16	16 21	17 19	18 15	16 14	19 12
Dacca	16 15	17 17	17 13	17 12	16 13	18 09
Dalbandin	...	...	09 07	36 12	04 08	05 04
D.I. Khan	...	...	—	...	...	...
Drosh	—	...	...	22 02	21 02	30 06
Fort Sandeman	...	...	...	24 04	24 10	28 03
Jacobabad	18 27	19 23	22 15	27 05	27 05	08 10
Jessore	11 11	12 16	14 22	...	...	—
Jhelum	12 19	13 19	16 13	17 08	23 05	...
Jiwani	23 04	24 05	29 08	30 12	33 12	35 13
Karachi	...	...	...	...	—	...
Khanpur	17 11	18 19	19 25	28 10	...	...
Lahore	08 10	11 06	11 04	13 03	14 03	...
Multan	21 23	21 25	21 25	—	...	—
Muscat	...	...	...	...	...	...
Panjgur	—	...	...	34 07	34 11	35 18
Peshawar	...	...	...	...	...	...
Quetta	...	...	...	...	22 03	27 05
Sharjah	...	...	...	...	...	...
Sylhet	25 07	25 07	27 04	...	...	—
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 07	14 10	15 10	15 10	14 12	13 14	17 10	17 07	15 08	...	...
Chaklala	...	11 13	13 10	13 07	36 11	28 09	32 10	32 12	—	...	...
Chhor	19 08	19 09	15 10	05 04	07 03	11 09	—	...	—	—	...
Chittagong	17 07	17 12	15 13	15 13	35 13	14 11	...	—	...	...	...
Cox's Bazar	15 12	13 16	14 20	...	...	...	...	...	...	...	...
Dacca	16 12	16 22	16 11	16 14	16 12	16 11	16 16	16 13	15 15	14 12	...
Dalbandin	...	...	13 05	11 06	10 09	33 05	14 05	31 05	18 09	10 13	10 11
D.I. Khan	...	...	...	—	...	...	...	...	...	...	...
Drosh	...	...	—	...	03 05	04 07	02 05	35 04	29 08	27 13	...
Fort Sandeman	—	—	...	24 01	06 02	10 07	08 06	03 10	03 07	33 05	34 03
Jacobabad	15 06	21 10	17 09	17 01	09 04	04 04	03 06	04 01	04 13	12 18	06 03
Jessore	15 08	16 13	16 19	16 21	—	—	—	...	...	...	...
Jhelum	12 24	12 27	13 31	—	...	...	...	...	...	...	...
Jiwani	17 02	32 04	09 35	04 12	03 13	02 16	36 17	36 10	25 05	22 06	01 03
Karachi	28 02	28 09	28 09	36 10	—	...	...	...	...	...	...
Khanpur	23 10	25 10	28 09	14 07	...	...	...	...	...	...	...
Lahore	12 10	12 14	11 11	10 09	29 04	29 12	32 08	35 07	—	...	—
Multan	20 10	20 15	25 14	16 08	10 12	10 10	11 28	...	...	...	...
Muscat	...	—	...	...	—	...	...	...	...	...	...
Panjgur	...	...	...	33 07	...	...	...	...	...	...	...
Peshawar	—	03 07	02 11	02 10	33 13	03 17	30 08	31 13	28 19	26 17	28 17
Quetta	—	...	—	—	24 02	23 15	34 22	34 17	04 08	05 11	06 07
Sharjah	...	...	...	...	...	...	...	...	...	...	...
Sylhet	06 07	09 04	19 05	xx xx	xx xx	07 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 ...	15 15	15 14	16 15	14 15	14 15	17 15	17 13	17 18	17 07	12 02	10 06	10 09	13 13	11 15	12 15	12 19	...	...
Karachi ...	27 12	34 13	24 10	26 06	35 07	02 22	01 27	04 42	04 37	06 09	05 96	...	.	...	...		...	—
Peshawar ...	...	34 09	34 15	30 09	32 08	32 08	32 05	32 04	35 05	13	32 15	32 29	..	...	...	...	—	—
Quetta ...																		

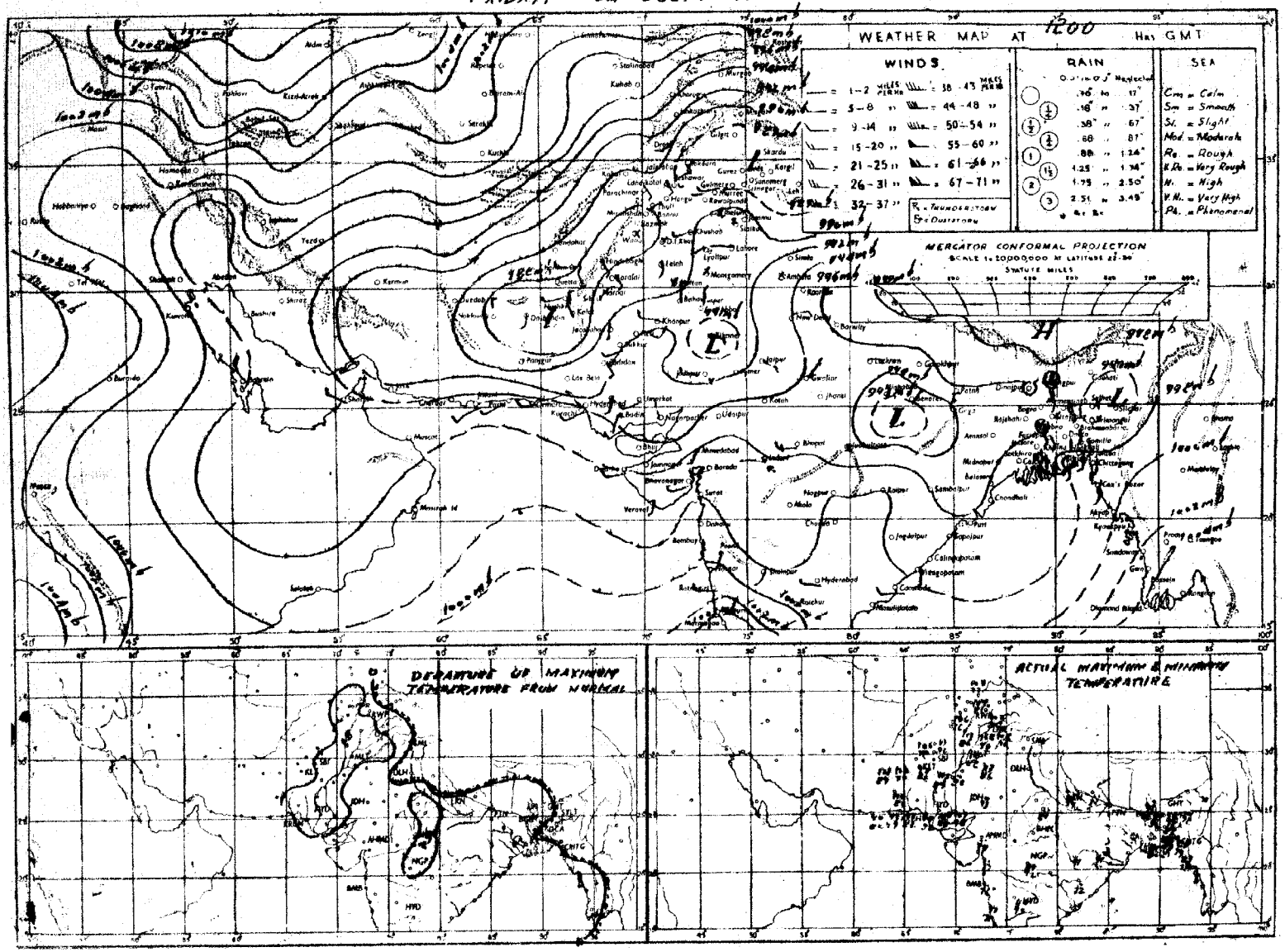
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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 Centre, Air Port, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

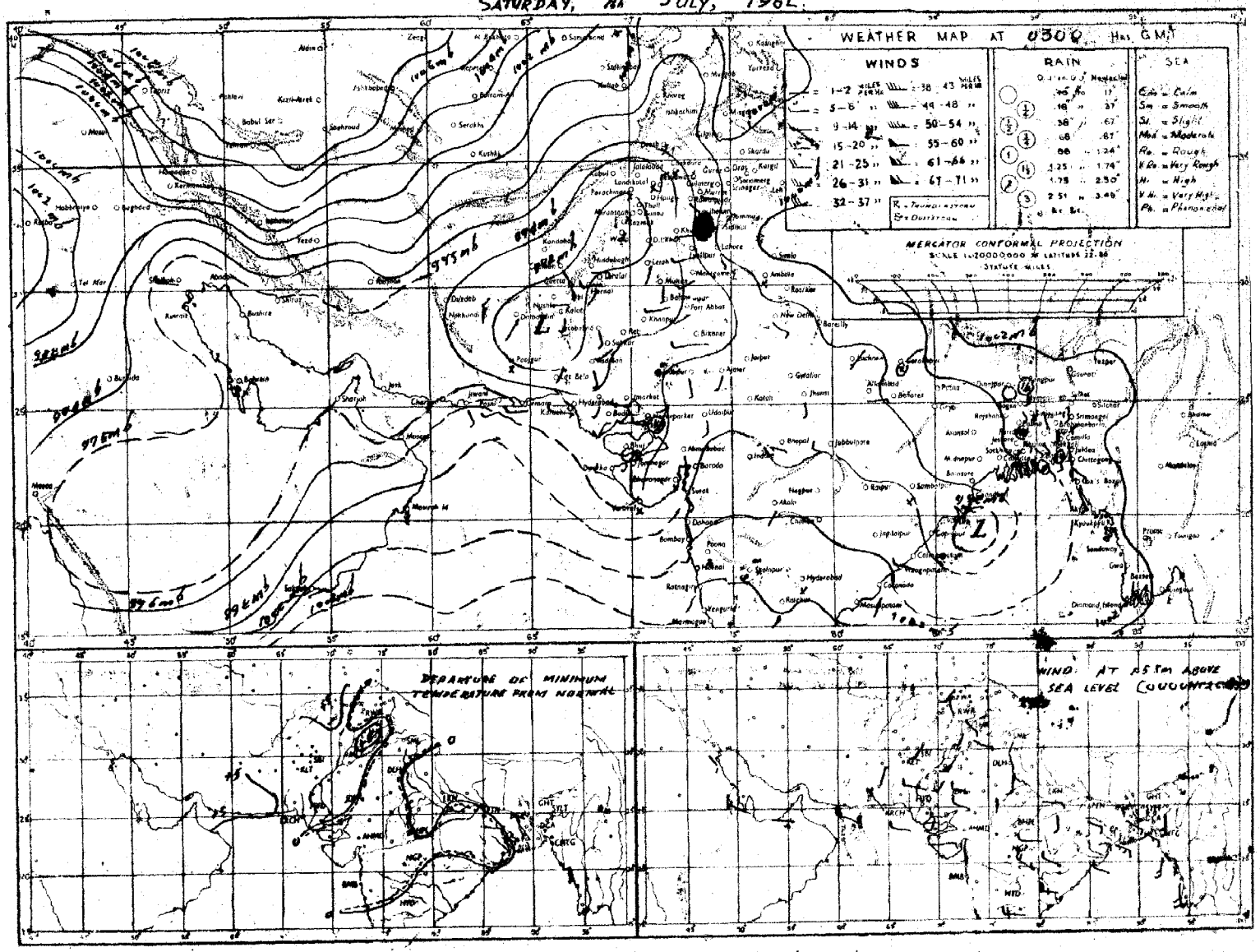
FRIDAY, 6th JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY, 7th JULY, 1962.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

SUNDAY THE 8th JULY, 1962.

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

Ships observations are lacking but believe yesterday's easterly low pressure wave in the northwest Bay of Bengal persists.
Rain/thundershowers have been local in Chittagong and Dacca divisions and scattered elsewhere in East Pakistan.
The low pressure wave over east Uttar Pradesh became Unimportant.
The trough of low over Hyderabad division also became Unimportant due to the formation of low over Kutch and Surashtra which is now emerging out into the eastern sector of the North Arabian Sea and is being well marked.
Yesterday's westerly low pressure over Afghanistan is moving away eastwards across Kashmir and Rawalpindi divisions.
An active western disturbance lies over Quetta division and adjoining areas.
Thunderstorms/showers have been local in Rawalpindi and Peshawar divisions and scattered in Sargodha and D. I. Khan divisions. Light rain has also been reported from Multan division and a few duststorms from Peshawar, D. I. Khan and Quetta divisions.
Chief amounts of rainfall are:—Pubna 1"; Srimangal and Parachinar 3/4" each; Cherat and Kakul 1/2"; Narayanganj, Jehlum and Bannu 1/4" each.
Day temperatures were 3—6 °F (2—3 °C) above normal in Peshawar, Bahawalpur, D. I. Khan, Multan, Quetta, Kalat, Karachi and Hyderabad divisions.
Forecast valid until the evening of 9th July, 1962 :—Rain/thundershowers will be fairly widespread in Rawalpindi, Peshawar divisions and Kashmir, local in Chittagong, Dacca, Lahore, Sargodha, D. I. Khan and Quetta divisions and scattered elsewhere in the country. A few duststorms are also likely to affect in Lahore, Rawalpindi, Peshawar, Sargodha, Multan, Bahawalpur and Quetta divisions.
Heavy rainfall and squall warning Moderate to heavy rain will fall at a few places in Rawalpindi, Peshawar, D. I. Khan Karachi divisions and Kashmir where isolated Northerly squalls are also likely to affect during next 24 hours.

Karachi-11
The 8th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
for Director, Meteorological Service.

DIVISIONS	STATIONS	AT 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Ws)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	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 † (Ws)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (VV)	Present weather † (ww)	Past weather † (W)	Sea level pressure (mbs. and tenths) (PPP)	Dry Bulb temperature (TT)	Amount of Lowest Cloud (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint Temperature °F (TdTd)	Minimum Temperature °F (TnTn)	Departure from Normal of: Maximum Temperature (TxTx)	Departure from Normal of: Minimum Temperature (TnTn)	Rainfall: Since 1st June 1962 to date	Rainfall: Departure from normal	Rainfall: Since 1st January, 1962 to date	Rainfall: Annual Normal
1.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	0	5	18	02	98	03	0	990	89	3	2	7	5	1	81	xx	007	9	2	18	02	98	05	9	017	89	1	4	7	6	8	78	80	—	—	—	—	—	—
	Cox's Bazar	003	4	3	16	13	97	01	8	971	86	3	8	5	0	0	76	89	003	0	2	16	09	97	03	0	996	84	1	1	6	0	8	74	78	+ 3	+ 1	45.8	+ 5.6	56.5	140
	Chittagong	000	0	3	18	13	97	02	5	959	85	1	0	9	1	2	79	90	000	0	3	11	03	97	01	1	002	87	1	2	6	2	0	75	78	+ 4	+ 1	29.1	+ 2.0	42.5	160
	Maijdee Court	000	9	3	13	05	98	01	2	989	86	1	3	7	5	0	76	89	000	9	2	00	98	98	01	0	997	87	0	0	9	0	3	75	80	+ 3	+ 2	—	—	—	115
	Comilla	000	0	0	00	00	97	02	0	957	88	0	0	9	0	0	78	91	000	0	6	00	00	97	02	2	985	85	6	4	0	0		8	77	+ 4	0	—	—	—	94
	Brahmanbaria	000	0	3	18	02	97	01	1	980	87	2	5	5	0	8	78	91	000	0	7	13	02	97	03	1	009	85	7	0	9	2	0	78	81	—	—	15.5	— 1.6	22.7	78
	Sylhet	000	0	5	27	05	96	01	9	976	89	2	2	6	1	1	77	90	000	4	8	09	05	96	29	9	009	82	6	5	5	3	x	79	80	—	—	40.3	—	67.3	—
	Srimangal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	080	0	3	00	00	96	01	0	011	79	3	0	4	0	0	79	76		0	—	—	—	96
Dacca	Mymensingh	000	0	4	13	02	98	02	1	981	87	4	3	4	0	0	84	91	000	0	6	13	02	97	02	1	010	85	6	4	4	0	0	78	80	+ 4	+ 2	22.1	— 0.1	37.0	91
	Narayanganj	039	8	6	13	03	96	03	6	974	88	4	4	3	0	8	77	90																		+ 2					74
	Dacca (Tejgaon)	006	4	4	18	25	98	03	6	966	87	2	3	4	0	3	77	89	006	0	7	13	09	97	02	0	999	86	3	4	4	1	1	77	81	—	—	8.3	—	23.1	—
	Faridpur	015	0	6	16	03	97	02	5	967	80	4	5	1	6	1	80	89	015	0	7	16	03	97	02	2	998	86	6	5	5	1	0	79	79	+ 1	+ 1	8.2	— 8.0	21.5	71
Khulna	Barisal	000	0	4	00	00	97	02	2	978	87	4	0	9	4	0	77	90	000	0	6	09	05	97	01	1	003	86	6	6	0	9	8	77	81	+ 2	+ 2	14.6	— 4.9	27.5	81
	Khulna	000	0	2	13	03	97	01	1	969	87	2	5	7	0	0	81	90	000	0	5	13	03	97	01	2	998	87	5	5	6	0	0	81	81	+ 2	+ 3	15.2	— 1.0	22.9	60
	Satkhira	000	0	2	00	00	97	01	2	975	87	2	2	8	3	0	78	93	013	2	7	13	02	96	03	6	992	86	4	4	6	3	x	81	82	+ 4	+ 4	15.4	— 0.4	23.0	65
	Jessore	000	0	2	18	02	97	02	0	972	88	2	4	6	0	0	80	90	000	0	6	18	09	97	03	7	997	86	6	5	6	0	0	xx	xx	—	—	7.2	— 8.3	17.4	65
Rajshahi	Pabna	123	6	3	09	02	99	03	9	966	87	3	2	6	0	0	81	90	123	0	6	11	09	98	03	0	996	85	9	0	9	5	0	79	79		—	14.8	—	33.3	59
	Sirajganj	000	0	4	00	00	98	02	1	964	85	1	0	9	0	1	81	86	000	0	8	00	00	97	02	0	001	84	8	4	6	0	0	80	81	— 1	+ 3	7.7	— 7.9	20.7	64
	Bogra	015	0	4	12	03	96	01	2	971	87	3	5	6	0	1	77	82	005	0	5	13	03	96	03	2	001	86	4	5	5	1	0	80	82	+ 7	+ 4	12.7	— 4.3	25.3	68
	Dinajpur	000	9	3	00	00	96	01	1	945	81	3	5	9	4	x	83	94																		+ 5					72
	Rangpur	000	0	2	13	02	96	01	1	967	68	2	2	6	0	0	77	91	000	0	4	09	02	96	03	0	009	67	4	4	6	0	0	80	78	+ 3	0	23.2	+ 0.2	17.5	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	0	13	05	95	05	0	927	95	0	0	9	0		71	95	000	0	4	13	03	95	05	0	969	80	0	0	9	3	1	74	81	— 6	+ 1	0	— 2.6	6.4	19
	Sialkot	000	0	0	13	03	97	00	0	918	98	0	0	9	0	0	70	00	000	0	0	13	03	97	00	0	966	92	0	0	9	0	0	70	82	+ 1	+ 1	2.5	— 2.1	7.0	32
Rawalpindi	Jhelum	018	0	0	00	00	97	02	0	914	98	0	0	9	0	0	68	06	018	0	3	13	05	98	03	0	973	90	1	0	9	3	6	69	81	—	—	3.3	—	9.4	
	Rawalpindi	000	0	2	18	07	97	05	4	914	98	2	0	9	6	0	66	89	000	1	8	27	07	96	03	5	006	xx	8	3	6	0	0	71	44		0	1.7	— 2.2	8.3	36
	Campbellpur	000	0	6	13	10	96	02	0	881	01	2	2	2	1	1	43	05																							
Sargodha	Khushab	000	0	0	13	10	96	05	4	914	02	0	0	9	0	0	92	07	000	0	4	07	07	98	01	1	971	89	2	0	9	3	3	82	87	— 1	— 2	0.1	— 2.0	5.1	15
	Lyallpur	000	0	0	13	03	94	05	4	919	00	0	0	9	0	0	71	00	000	0	6	25	02	96	50	7	967	83	6	7	8	0	0	77	81	— 3	— 2	0.5	— 1.4	4.3	12
Multan	Montgomery	000	0	0	23	05	99	02	0	916	00	0	0	9	0	0	73	00	000	0	7	00	00	96	03	2	966	82	7	9	6	0	0	76	77	— 4	+ 7	0.8	— 1.0	3.3	10
	Multan	001	0	0	00	00	95	02	0	886	10	0	0	9	0	0	66	11	000	0	6	09	05	97	01	2	958	87	4	4	6	3	0	71	84	+ 8	+ 1	0.3	— 0.8	2.0	7
	Leiah	000	0	0	18	01	97	00	0	920	12	0	0	9	0	0	79	16	000	0	1	36	01	95	00	0	918	96	9	0	9	1	9	73	88	—	—	—	—	—	8
Bahawalpur	Khanpur	000	0	4	16	02	95	05	0	898	09	x	x	x	3	x	63	10	000	0	1	13	07	95	05	0	945	93	0	0	9	0	2	74	97	+ 3	+ 4	0	— 0.9	1.0	6
	Bahawalpur	000	0	0	00	00	98	00	0	950	05	0	0	9	0	0	75	09	000	0	6	77	04	97	00	0	057	89	6	0	8	0	0	79	84	+ 4	0	1.3	— 0.5	2.1	6
	Fort Abbas	000	0	0	00	00	98	00	0	899	08	0	0	9	0	0	66	10																		—					8
Peshawar	Chakdara	000	0	0	36	02	97	00	0	917	00	0	0	9	0	0	67	01																							
	Peshawar	000	3	4	33	21	96	06	3	884	02	3	9	6	0	1	62	08	000	0	8	00	00	97	17	9	997	80	6	9	6	2	1	71	80	+ 5	9	0	— 0.5	6.6	11
	Peshawar	000	0	4	18	03	94	05	0	902	98	4	1	9	0	0	64	02	015	9	8	09	01	96	13	3	993	75	8	7	6	0	0	67	74	—	—	1.5	—	8.1	—
	Peshawar	000	0	4	09	02	97	03	3	891	05	4	0	9	0	0	77	08																							
D. I. Khan	Bannu	000	6	4	00	00	93	03	0	926	17	0	0	9	1	0	67	16	024	2	8	12	02	96	50	6	983	75	8	8	6	0	0	70	73	—	—	0.6	—	2.6	11
	D. I. Khan	000	0	4	09	02	97	07	3	891	05	4	0	9	0	0	77	08	000	0	0	05	02	98	00	0	973	87	0	0	9	0	0	74	83	+ 4	0	0	— 1.1	2.9	9
Quetta	Sibi	000	0	0	18	02	97	05	0	913	15	0	0	9	0	0	46	16	000	0	0	05	02	97	05	0	969	95	0	0	9	0	0	69	92	—	—	0	—	1.1	5
Kalat	Nokkundi	000	0	0	34	25	97	01	0	871	08	0	0	9	0	0	49	09	000	0	0	34	25	96	07	0	937	87	0	0	9	0	0	77	85	—	—	0	—	0.1	2
	Turbat	000	0	0	29	04	97	00	0	900	09	0	0	9	0	0	xx	11	000	0	0	27	01	97	00	0	947	94	0	0	9	0	0	xx	xx	—	—	0	—	2.7	—
	Jiwani	000	0	0	18	09	97	02	0	915	88	0	0	9	0	0	79	90	000	0	6	09	05	97	03	2	939	85	6	5	4	0	0	79	82	—	—	0	—	0.7	5
	Pasni	000	0	0	20	14	96	05	4	919	89	0	0	9	0	0	78	93	001	3	6	11	02	96	03	1	942	85	4	2	7	4	0	81	82	+ 1	+ 4	0	— 0.4	0.2	6
Karachi Division	Ormara	000	0	0	27	10	95	00	1	909	90	0	0	9	0	0	77	93	000	0	7	00	00	94	03	1	932	85	7	1	6	1	1	79	82	—	—	0	0	1.0	6
	Lasbela	000	0	3	05	02	98	03	3	918	08	0	0	8	4	4	79	11																							8
	Karachi (Manora)	000	0	7	25	14	96	03	2	922	89	0	0	9	9	0	81	95	000	0	6	00	00	96	03	2	942	85	0	0	9	0	0	78	83	+ 4	+ 1	0	— 1.9	0	8
	Karachi (Airport)	000	0	7	23	09	96	02	2	921	89	7	0	9	5	0	84	96	000	0	6	00	00	96	07	2	940	88	3	0	9	3	1	80	84	—	—	0	—	0	—
Hyderabad	Nagarparkar	000	0	0	27	02	97	00	0	995	75	0	0	9	0	0	77	xx	0 0	0	2	18	02	97	00	0	946	85	0	0	7	0	0	76	69	—	—	1.3	—	1.3	—
	Umerkot	000	0	8	18	03	98	02	0	910	98	3	2	7	5	0	79	90	000	0	8	18	01	97	02	0	940	86	8	9	7	0	0	77	84	—	—	0.2	—	0.3	—
	Hyderabad	000	0	5	18	07	97	01	2	913	97	5	0	9	3	0	79	03	000	0	6	10	00	97	02	2	944	93	1	0	9	2	1	76	85	+ 3	+ 3	0	— 0.8	0.8	7
	Badin	000	0	0	23	02	97	00	0	951	97	0	0	9	0	0	77	01	000	0	0	00	00	97	00	0	559	87	0	0	9	0	0	80	82	+ 5	0	0	— 2.0	0.6	9
Khairpur	Padidan	000	0	3	13	14	97	02	0	908	06	0	0	9	0	0	66	09	000	0	2	13	10	97	01	0	943	93	0	0	9	0	0	76	86	—	—	0	—	0.6	—
	Nawabshah	000	0	7	13	07	96	02	2	912	02	0	0	9	0	6	71	05	000	0	6	13	03	96	03	0	957	91	1	5	6	3	1	77	85	—	—	0	—	0.4	—
	Sukkur	000	0	4	20	03	97	03	1	884	08	0	0	9	0	8	73	10	000	9	6	00	00	97	03	1	940	92	6	0	9	6	0	76	89	—	—	0	—	0	4
	Kashmore	000	0	0	00	00	99	00	0	942	xx	0	0	9	0	0	67	18	000	0	0	00	00	99	00	0	578	99	0	0	9	0	0	83	84	—	—	0	—	0	—
	Jacobabad	000	0	0	18	03	97	01	6	988	10	0	0	9	0	0	69	12	000	0	3	13	02	96	02	0	943	92	3	0	9	3	0	76	90	+ 2	+ 5	0	— 0.4	0.9	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								
Arabia	Muscat																																								4
	Kuwait																																								5
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								—
	Sonamarg **																																								71
	Dras **																																								24
	Leh *																																								3
	Skardu *																																								4
	Mizzar *																																								—
	Allabad *																																								—
	Gilgit *	000	0	2	31	03	98	01	0	929	75	2	1	8	0	0	30	80	297	1	8	27	07	97	65	0	980	49	4	7	8	2	0	40	40		—				—
Rawalpindi	Murree	000	9	5	23	07	95	02	1	394	75	4	1	4	5	0	62	79	011	9	7	36	05	96	95	6	431	65	7	9	3	0	0	57	59		0	3 6	— 3.1	21.9	59
Peshawar	Drosh	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	000	0	0	00	00	97	17	9	433	67	6	9	7	6	0	59	60	+ 3	— 12	0.8	—	12.8	15
	Cherat	000	0	8	13	11	98	03	0	353	88	8	8	6	0	0	69	93	061	1	8	13	15	94	03	0	381	66	9	6	6	0	0	65	xx	—	—	1.6	— 0	25.0	29
	Kakul	000	0	8	23	05	93	32	1	406	87	7	7	6	2	0	63	93	054	9	7	09	12	98	21	9	419	71	7	6	6	0	0	55	64	—	—	1.6	—	17.2	—
	Landikotal	000	0	3	12	05	97	05	9	395	85	3	1	7	0	0	67	00	000	0	8	05	05	94	61	4	414	76	8	0	9	7	1	67	75	+ 5	—	0.5	—	22.2	—
	Parachinar	000	0	6	13	02	98	00	0	374	80	6	1	9	0	0	60	93	080	3	7	41	02	98	20	6	417	63	7	7	8	0	0	56	59		7	2.7	—	16.2	29
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	407	99	0	0	9	0	0	88	03	000	0	4	05	05	99	03	2	410	80	4	4	8	0	0	73	76	—	—	0.1	— 1.1	1.9	13
	Wana *																																								11
Quetta	Fort Sandeman *	000	0	4	02	05	98	01	3	380	86	4	0	8	3	0	55	01	020	0	1	02	01	96	05	3	416	78	1	0	8	3	0	62	77	0	+ 2	2.1	+ 1.0	6.9	11
	Hindubagh *	000	0	4	27	03	97	00	0	317	98	0	0	6	8	0	81	01	000	0	0	00	00	97	00	0	430	80	0	0	9	0	0	67	65	—	—	0	—	3.8	—
	Loralai *	000	0	7	11	07	91	00	2	404	86	0	4	8	2	1	79	98	000	0	6	00	00	99	01	2	390	84	0	0	9	2	1	71	70	—	—	0	—	4.1	9
	Harnai *	000	0	3	10	09	97	03	0	xxx	01	3	3	8	0	0	58	03	000	0	8	00	00	97	00	0	xxx	91	0	0	9	0	0	47	85	—	—	9.6	— 0.6	3.7	24
	Quetta *	000	0	3	27	03	97	02	0	400	99	3	1	5	0	0	34	00	000	0	0	23	02	97	00	0	387	73	0	0	9	0	0	53	72	—	—	0	— 0.2	4.2	9
	Chaman *	000	0	0	23	07	98	00	0	348	04	0	0	9	0	0	41	05	000	0	0	13	09	98	00	0	372	90	0	0	9	0	0	44	80	+ 3	+ 4	0	— 0	1.3	8
	Nushki *	000	0	0	27	05	98	00	0	391	08	0	0	9	0	0	46	10	000	0	0	23	02	98	00	0	430	91	0	0	9	0	0	54	80	—	—	0	—	1.6	—
	Dalbandin	000	3	2	27	03	96	03	0	371	11	2	0	9	3	0	41	12	000	9	1	23	02	94	05	0	388	90	1	0	9	3	0	44	86	+ 9	+ 11	0	0	1.1	4
Kalat	Kalat *	000	3	0	31	07	97	03	2	348	88	x	x	8	x	x	68	94	000	0	0	18	02	98	00	0	384	78	0	0	9	0	0	54	65	+ 3	+ 3	0	— 0.3	1.9	7
	Panjgur *	000	0	0	31	14	95	07	0	368	05	0	0	9	0	0	46	07	000	0	5	36	03	95	05	0	390	67	5	0	9	3	0	50	84	+ 4	+ 8	0	—	1.0	5
Afghanistan	Kabul *																																								12
	Kandhar *																																								

† Given in Code.
* These stations report or PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR use the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 8th JULY, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_oL_oL_o$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Alhusaini	73 231	674 06	8 24 05	97 02 2	951 36	55 4 38	33 4 05	...	00 3 29	12 3 43
Sector Heron	73 182	637 06	8 24 25	97 02 2	963 28	77 4 2x	75 1 10	...	00 1 26	12 4 22
Caltex Leiden	73 211	594 06	8 19 10	96 03 1	955 25	97 4 xx		...	05 5 23	11 9 22
Alhusaini	72 223	677 13	8 23 05	97 30 2	940 29	77 3 70	33 7 03	...	00 0 33	12 3 44
Caltex Leiden	73 225	598 12	4 15 07	95 22 2	920 28	44 8 10	...	...	05 4 26	19 5 11
Mohamedi	73 186	664 18	8 23 30	97 60 6	955 29	83 5 00	64 2 05	...	00 2 28	12 3 48

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb HHHTTTTdTdTd	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	...	...	...	139 205 162	...	307 118 002	435 058 545	583 002 592	760 458 535	981 662	...	...	...
Jiwani ...														
Karachi ...	00 00	592 295 258	559 xxx xxx	...	138 225 125	...	304 192 035	431 055 578	578 538 592	750 642 668	965 445	246 970	431 135	...
Lahore ...	00 00	973 318 215	541 xxx xxx	...	139 242 182	...	306 135 128	434 080 990	583 015 993	759 592 998	979 745	...	...	...
Multan ...														
Peshawar ...	00 00	956 295 162	...	...	140 278 192	...	309 178 172	439 112 058	582 032 995	765 570 590	985 662	285 772	...	...
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	998 282 255	900 228 198	806 182 015	800 182 008	770 182 112	610 058 542	578 058 532	3502615 672	010 332 408	010 332 408	...	...
Jiwani ...													
Karachi ...	00 00	900 275 195	800 202 075	300 685 768	...	...	...	...	...	...	350 685 769	...	...
Lahore ...	00 00	900 278 202	800 195 165	...	...	...	...	...	...	...	800 195 165	...	...
Multan ...													
Peshawar ...	00 00	800 245 205	...	...	...	...	...	...	...	...	800 245 205	...	...
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.

TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenth of °C)

Se—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 ...	15 12	11 15	17 17	17 19	17 20	...	...	...	...
Chaklala ...	...	15 14	35 17	14 17	15 08	16 05	...	...	...
Chhor ...	16 10	16 09	16 09	10 12	07 14	06 19	...	...	...
Chittagong ...	18 15	17 13	12 17	15 31	14 22	13 21	13 20	13 19	13 15
Cox's Bazar ...	15 13	14 19	14 21	15 27	...	...	...	...	...
Dacca ...	17 12	17 17	16 19	16 16	17 17	17 17	13 08	14 11	31 08
Dalbandin ...	...	...	24 07	28 05	35 02	07 04	29 05	32 05	08 06
D. I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	22 10	22 08	14 02	33 16	28 15
Fort Sandeman ...	...	...	...	13 06	12 03	26 09	29 14	...	...
Jacobabad ...	18 14	17 15	17 14	17 18	14 04	35 07	03 05	01 25	02 19
Jessore ...	14 13	14 15	15 17	...	...	...	...	...	...
Jhelum ...	xx xx	15 12	14 10	12 09	32 05	31 10	34 16	36 08	32 14
Jiwani ...	17 10	31 05	31 04	35 10	01 17	01 18	34 15	01 03	04 03
Karachi ...	25 12	27 04	20 04	08 14	06 20	05 22	03 34	04 33	...
Khanpur ...	16 06	16 06	17 08	19 07	15 06	07 08	16 18	04 13	02 16
Lahore ...	12 35	12 09	13 08	08 04	03 04	35 13	36 22	36 26	36 18
Multan ...	15 06	16 12	16 11	17 08	11 05	03 11	03 15	02 21	...
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	35 14	...	...	...	...	...
Peshawar ...	...	20 24	18 24	17 16	...	...	...	...	...
Quetta ...	...	...	...	...	31 06	31 05	03 07	02 11	01 15
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	28 07	27 07	23 11	22 11	20 09	29 12	...	...	...
Varsval ...	...	...	...	...	...	...	...	...	...

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

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 ...	15 03	16 12	16 13	17 23	...	...	...	...	...	...	...
Chaklala ...	...	05 14	05 10	12 10	14 17	...	...	...	...	...	...
Chhor ...	13 03	17 06	12 07	10 15	09 19	08 28	...	...	...	...	...
Chittagong ...	18 06	15 06	12 05	13 11	...	...	...	...	...	...	...
Cox's Bazar ...	15 10	14 10	13 11	...	...	...	...	...	...	...	...
Dacca ...	13 08	15 10	15 11	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	27 07	36 08	06 14	33 05	16 07	...	...	...	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	05 04	23 03	22 06	...	...	...	...	...
Fort Sandeman ...	18 09	18 10	17 10	17 07	36 04	19 14	...	...	...	...	...
Jacobabad ...	12 10	14 15	11 39	13 17	08 07	10 12	09 11	03 21	06 13	21 03	24 13
Jessore ...	34 11	34 08	33 08	07 04	13 19	21 27	...	...	...	...	...
Jhelum ...	14 08	08 10	07 39	06 19	13 07	26 01	01 02	...	...	...	...
Jiwani ...	04 01	10 06	10 09	08 12	05 15	04 05	02 08	...	...	...	...
Karachi ...	25 12	26 15	27 19	29 20	07 15	06 36	...	...	...	...	...
Khanpur ...	10 05	13 06	12 07	11 08	28 17	...	...	...	...	...	...
Lahore ...	02 10	01 12	01 12	11 13	15 02	12 07	36 13	...	...	...	...
Multan ...	...	...	...	...	03 12	03 15	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	03 12	02 09	26 03	16 09	23 06	29 07	...	...	...	...
Peshawar ...	...	...	...	...	20 05	18 08	31 06	19 03	20 03	27 09	26 11
Quetta ...	...	...	...	35 10	...	...	...	...	...	...	...
Sharjah ...	24 03	29 02	24 01	24 01	xx xx	03 02	...	...	...	...	...
Sylhet ...	...	...	...	...	...	...	...	...	...	...	...
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 ...	15 13	16 12	16 10	15 13	14 15	15 08	12 12	14 13	14 14	12 10	08 11	09 11	15 23	11 21	11 21	...	...	...
Karachi ...	29 08	29 15	04 18	06 18	07 19	05 28	04 38	04 39	04 30	07 10	12 14	15 09				...	...	...
Peshawar ...	...	02 07	21 10	xx xx	19 22	27 37	30 38	30 34	31 49	29 39	37 51	29 49	...	...	...	...	...	...
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.)

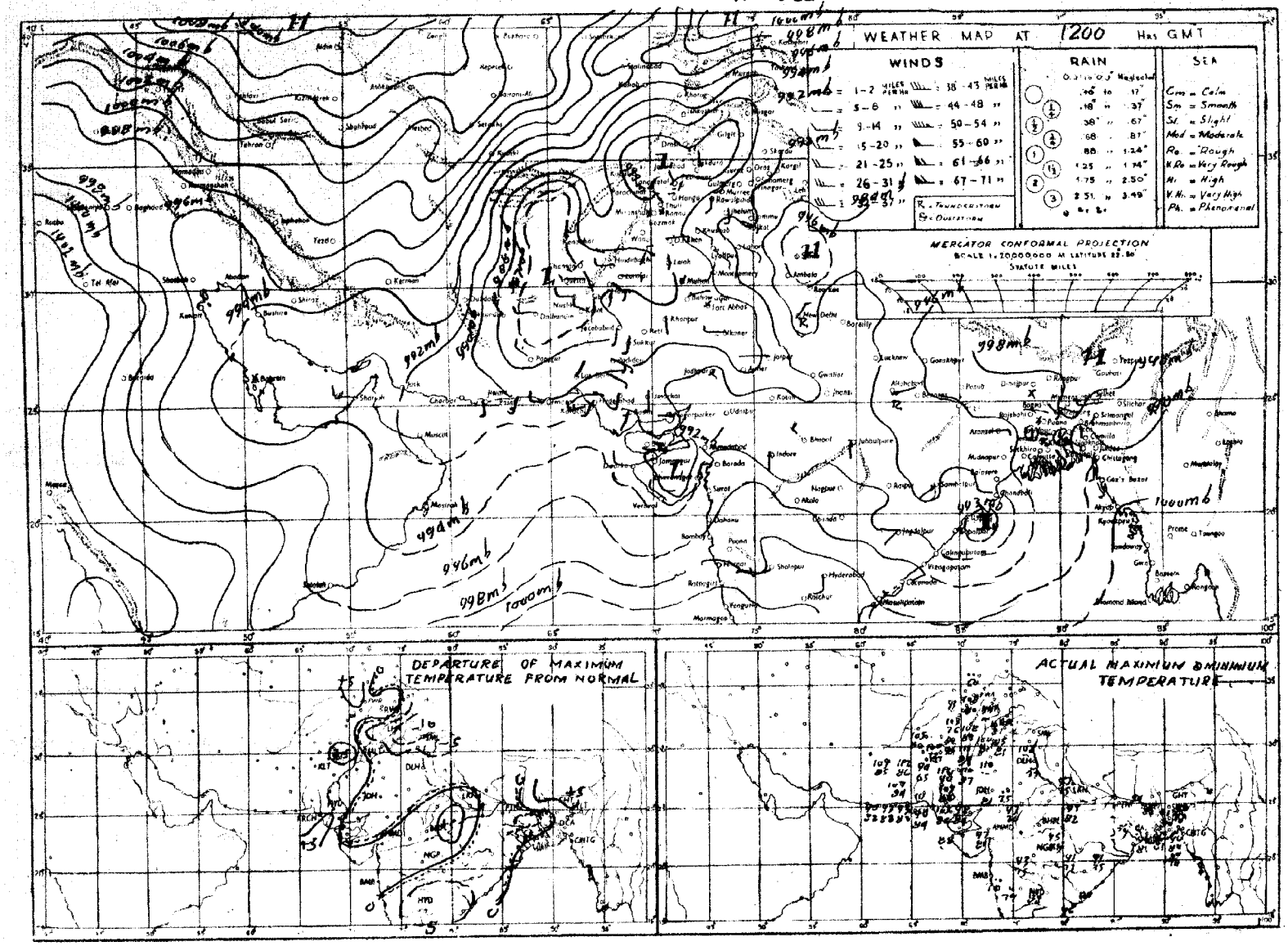
11 917 00 907

05 768 30 913

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

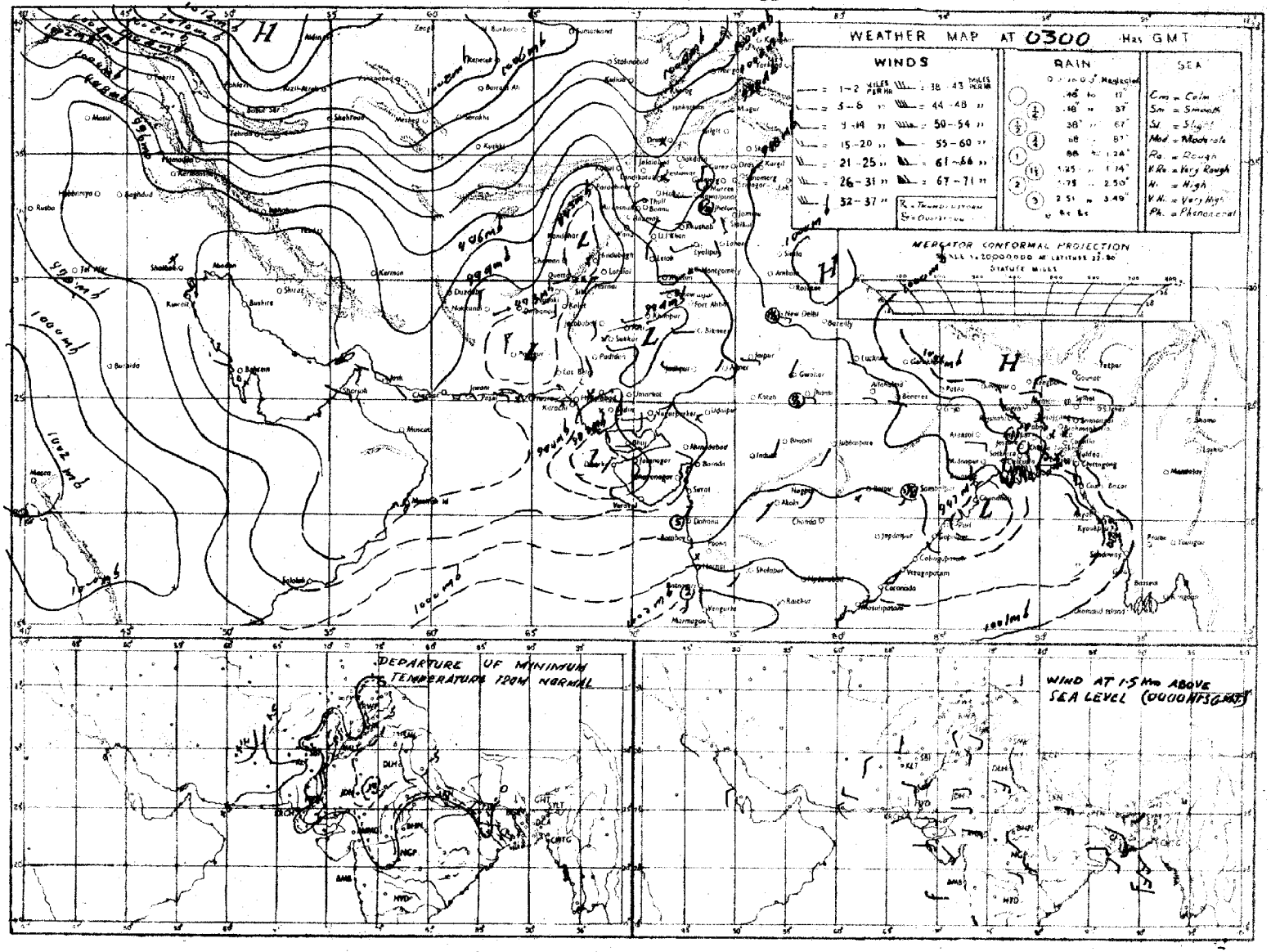
SATURDAY 7th JULY, 1962



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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 8th JULY, 1962.



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. 16

MONDAY THE 9th JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Observations are lacking but believe yesterday's well marked low has moved westwards and intensified into a deep depression. It is centred at 09,0300 GMT within one degree of latitude 21½ °N and longitude 69 °E. It is likely to intensify and move in a northwesterly division.

Under its influence rain/thundershowers have been local in Karachi, Hyderabad and Khairpur divisions. A few duststorms have also occurred in Hyderabad and Khairpur divisions.

Western disturbance over Quetta division is moving across Peshawar division and adjoining areas. It has caused fairly widespread rain/thundershowers in Lahore, Rawalpindi divisions, local in Quetta division and scattered in Multan, Bahawalpur, Peshawar, D. I. Khan and Kalat divisions.

The easterly low pressure wave over northwest Bay of Bengal has moved inland and now lies over Orissa and neighbourhood.

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

Chief amounts of rainfall are:—Karachi (Manora) 1½"; Rangamati and Sialkot 1" each; wana, Hindubagh and Karachi (Airport) 3/4" each; Badin ½" and Jessore, Rawalpindi, Campbellpur, Fort sandeman, Padidan and Nawabshah 1/4" each.

Day temperatures were 10—15 °F (6—8 °C) above normal in Hyderabad and Karachi divisions and 2—6 °F (1—3 °C) so in East Pakistan, Bahawalpur and Multan divisions and were 6—12 °F (3—7 °C) below normal in Peshawar, D. I. Khan and Quetta divisions.

Forecast valid until the evening of 10th July, 1962 :—Fairly widespread rain/thundershowers are likely to occur in Karachi and Hyderabad divisions. Local thunderstorms/showers are also likely in Quetta, Khairpur, Lahore, Rawalpindi, Multan and Peshawar divisions and in East Pakistan and scattered elsewhere over the country.

Heavy rainfallwarning Locally moderate to heavy rain will fall in Hyderabad and Karachi divisions during the next 48 hours.

Karachi-11
The 9th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	000	0	5	23	20	97	05	1	975	93	3	8	6	4	4	78	93
	Cox's Bazar	001	3	7	20	25	97	03	8	969	85	4	8	5	2	0	80	91
	Chittagong	000	0	5	17	05	97	02	1	970	87	3	0	9	2	3	79	82
	Maijdee Court	000	9	3	18	02	97	02	4	973	89	3	0	9	6	0	77	91
	Comilla	000	0	3	00	00	97	02	0	952	92	3	4	5	0	0	78	93
	Brahmanbaria	000	0	2	05	02	97	03	1	972	89	2	5	5	0	0	79	91
	Sylhet	000	0	6	27	02	96	03	2	974	86	4	4	6	0	2	78	89
	Srimangal	000	0	0	00	00	96	00	0	976	91	0	0	9	0	0	78	91
Dacca	Mymensingh	000	0	2	00	00	98	00	0	978	90	0	0	9	0	0	83	92
	Narayanganj	000	9	6	13	03	96	03	2	969	91	2	4	3	0	8	77	92
	Dacca (Tezgaon)	000	0	3	13	32	97	01	1	966	89	1	1	4	0	1	75	xx
	Faridpur	000	0	5	16	02	97	02	2	978	87	2	5	1	1	1	70	89
Khulna	Barisal	000	0	4	09	02	97	01	1	978	86	4	0	9	6	0	77	90
	Khulna	000	0	3	00	00	97	01	1	970	86	3	5	7	0	0	83	92
	Satkhira	000	0	6	03	00	96	03	1	977	87	3	1	5	0	0	80	87
	Jessore	010	6	5	18	03	97	02	6	972	87	4	4	6	6	0	70	89
Rajshahi	Pabna	000	0	0	09	05	99	02	0	964	88	0	0	9	0	0	77	90
	Sirajganj	000	0	0	00	00	98	00	0	969	88	0	0	9	0	0	80	89
	Bogra	000	0	8	31	03	96	02	1	959	89	3	4	5	x	x	80	91
	Dinajpur	000	0	0	00	00	96	00	0	961	90	0	0	9	0	0	79	93
	Rangpur	000	0	2	13	02	96	01	1	970	90	2	0	9	1	0	79	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	4	3	05	05	95	05	9	947	93	3	2	7	0		73	97
	Sialkot	095	3	0	13	05	98	09	6	944	87	0	0	9	0		72	02
Rawalpindi	Jhelum	000	5	0	11	12	95	07	3	937	95	0	0	9	0	0	68	01
	Rawalpindi	033	8	1	27	02	98	00	6	941	91	1	0	9	6	0	69	92
	Campbellpur	020	7	0	00	00	98	00	2	934	89	0	0	9	0	0	69	89
Sargodha	Khushab	000	0	0	09	09	98	05	4	942	02	0	0	9	0	0	89	03
	Lyallpur	000	0	6	13	03	95	05	4	931	00	6	7	8	0	0	72	00
Multan	Montgomery	000	0	4	05	09	96	03	2	934	94	4	4	7	0	0	72	98
	Multan	000	0	1	36	03	97	01	1	933	97	1	0	9	3	0	75	11
	Leiah	000	0	0	36	03	97	00	0	980	12	0	0	9	0	0	79	17
Bahawalpur	Khanpur	000	0	7	20	12	93	07	3	937	87	6	5	6	3	x	71	09
	Bahawalpur	000	0	3	05	02	97	00	0	953	05	3	0	9	0	0	76	xx
	Fort Abbas	000	0	6	18	03	97	02	5	943	76	0	4	7	0	0	74	07
Peshawar	Chakdara	000	0	0	18	01	97	00	0	910	91	0	0	9	0	0	62	92
	Peshawar	009	8	1	11	03	97	01	9	941	90	1	1	6	0	0	65	91
	Haripur	009	8	0	23	01	97	00	4	931	94	0	0	9	0	0	64	94
D. I. Khan	Bannu	000	0	8	00	00	99	02	2	944	89	8	5	6	0	0	68	91
	D. I. Khan	000	6	6	05	02	98	02	2	942	97	6	7	9	0	0	67	98
Quetta	Sibi	000	0	0	05	02	97	05	0	923	14	0	0	9	0	0	64	16
Kalat	Nokkundi	000	0	0	36	13	97	02	0	892	03	0	0	9	0	0	48	05
	Turbat	000	0	0	23	05	97	00	0	900	10	0	0	9	0	0	xx	13
	Jiwani	000	0	0	16	10	96	05	0	915	09	0	0	9	0	0	81	89
	Pasni	000	8	6	16	08	95	05	1	912	93	0	0	9	3	3	74	94
Karachi Division	Ormara	000	0	7	27	10	94	03	2	907	93	7	0	9	0	1	79	95
	Lasbela																	
	Karachi (Manora)	000	2	7	25	07	97	03	8	908	92	0	0	9	9	0	82	06
	Karachi (Airport)	016	2	7	23	05	97	29	9	911	86	3	5	6	3	0	80	06
Hyderabad	Nagarparkar																	
	Umerkot																	
	Hyderabad	000	0	8	09	12	93	30	3	920	93	6	2	6	c	8	73	01
	Badin	000	0	0	23	02	97	00	0	925	90	0	0	9	0	0	76	06
Khairpur	Padidan																	
	Nawabshah	025	0	8	13	12	96	29	6	927	84	4	3	5	0	6	78	07
	Sukkur	000	1	6	16	12	91	32	1	928	99	6	0	9	6	0	74	07
	Kashmore																	
	Jacobabad	000	0	2	09	03	97	02	0	903	08	2	1	6	0	0	76	10
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	008	8	7	31	02	97	03	6	080	58	3	4	8	5	0	42	58
	Allabad *																	
	Gilgit *	000	0	5	00	00	98	01	1	396	87	5	8	0	0	0	68	90
Rawalpindi	Murree *	005	8	2	02	09	98	01	9	398	73	2	1	4	0	0	55	77
Peshawar	Drosh *	000	8	3	23	10	98	01	9	383	85	3	2	6	0	0	54	86
	Cherat *	000	0	0	31	09	98	00	3	383	77	8	0	9	0	0	65	78
	Kakul *	000	4	0	23	02	99	00	1	401	83	0	0	9	0	0	51	84
	Landikotal *	000	0	0	13	05	97	00	1	385	88	0	0	9	0	0	68	88
	Parachinar *	000	0	6	13	02	98	03	2	395	78	6	6	8	1	0	57	81
D. I. Khan	Miranshah *	000	0	6	05	05	98	03	2	408	86	6	4	8	0	0	67	88
	Wana *	075	3	7	00	00	98	01	2	509	72	7	2	9	0	0	67	85
Quetta	Fort Sandeman *	017	4	7	16	01	95	95	6	433	69	7	5	6	4	0	64	93
	Hindubagh *	080	0	7	00	00	97	00	0	364	81	0	0	6	8	0	58	91
	Loralai *	000	0	8	09	02	97	02	2	381	81	0	4	7	2	1	72	93
	Harnai *	005	3	9	34	05	96	20	6	xxx	83	9	x	5	x	x	61	99
	Quetta *	000	4	7	18	05	94	02	9	376	85	7	3	5	0	0	58	92
	Chaman *	000	0	0	23	10	97	06	4	457	99	0	0	9	0	0	36	01
	Nushki *	000	9	0	09	05	96	03	4	412	99	0	0	9	0	0	59	03
	Dalbandin *	000	9	0	27	12	94	07	0	377	05	0	0	9	0	0	37	07
Kalat	Kalat *	012	3	0	13	02	98	03	6	392	73	x	x	8	x	x	54	90
	Panjgur *	000	0	0	31	05	95	05	4	373	02	0	0	9	0	0	53	04
Afghanistan	Kabul *																	
	Kandhar *																	

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 1962 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	108	9	7	16	02	97	05	9	010	86	3	8	6	6	3	79	75	—	—	—	—	—	—
	Cox's Bazar	001	0	5	16	09	97	03	1	988	86	3	8	5	0	8	76	79	+ 5	+ 2	45.8	+ 4.4	56.6	140
	Chittagong	000	0	6	09	03	97	03	1	994	85	3	4	6	2	0	77	80	+ 6	+ 3	29.1	+ 1.2	42.6	108
	Maijdee Court	000	9	9	13	02	96	03	2	999	87	2	1	5	3	x	79	81	+ 5	+ 3	—	—	—	115
	Comilla	005	8	6	00	00	97	02	6	973	88	6	4	6	6	0	78	73	+ 6	— 4			—	94
	Brahmanbaria	000	0	5	18	02	97	03	1	000	86	5	4	5	0	0	79	81	—	—	15.5	— 1.9	32.7	78
	Sylhet	000	0	6	00	00	96	02	2	002	84	6	4	4	3	1	78	79	—	—	40.3	—	67.4	—
	Srimangal	090	0	0	00	00	96	00	0	006	84	0	0	9	9	0	78	77	+ 1	+ 1	—		—	98
Dacca	Mymensingh	000	0	6	00	00	98	01	1	006	89	2	1	4	0	4	79	80	+ 5	+ 2	22.1	— 0.7	37.0	91
	Narayanganj	000	9	6	13	05	97	02	2	996	90	4	4	3	0	8	79	84	+ 4	+ 5	—		—	74
	Dacca (Tezgaon)	000	0	7	13	02	97	02	9	992	85	4	8	5	3	0	80	93	—	—	8.3	—	23.1	—
	Faridpur	000	[illegible]	6	16	03	97	02	2	001	86	5	5	6	1	0	80	81	+ 1	+ 3	8.2	— 8.4	21.5	71
Khulna	Barisal	000	0	4	13	02	97	02	2	996	87	4	0	9	4	0	79	81	+ 2	+ 2	14.6	— 5.4	27.5	81
	Khulna	000	0	6	00	00	97	03	0	995	80	6	5	5	0	0	83	xx	+ 4	x	15.2	— 1.5	22.9	68
	Satkhira	012	4	7	00	00	96	03	6	003	87	5	4	4	2	0	79	81	— 2	+ 3	15.5	— 0.8	23.1	65
	Jessore	030	9	7	09	05	97	03	6	993	85	6	5	6	6	0	91	78	—	—	7.5	— 8.3	17.7	65
Rajshahi	Pabna	000	0	3	13	05	99	01	2	993	89	3	2	7	0	0	83	80	—	—	14.8	—	33.3	59
	Sirajganj	000	0	2	00	00	97	03	1	043	89	2	1	5	0	0	8	81	+ 2	+ 3	7.7	— 8.3	20.6	64
	Bogra	000	0	3	09	02	96	03	0	996	91	3	5	5	0	0	80	82	+ 2	+ 4	12.7	— 4.8	25.3	69
	Dinajpur	000	0	0	0-	00	96	02	2	999	91	0	0	9	0	0	78	78	+ 4	0	—		—	73
	Rangpur	000	0	1	13	02	97	01	0	997	88	1	0	9	1	0	80	82	+ 4	+ 4	23.2	— 0.5	27.5	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	7	00	00	96	03	0	994	89	2	1	7	0	0	77	81	— 4	+ 1	0	— 3.1	6.4	19
	Sialkot	095	0	4	00	00	98	01	1	992	86	3	0	9	4	0	74	80	+ 3	— 1	3.5	— 1.4	8.0	32
Rawalpindi	Jhelum	000	0	1	13	01	98	03	0	990	90	1	0	9	3	0	73	81	—	—	3.3	—	9.4	
	Rawalpindi	033	8	0	09	00	97	05	0	992	87	0	0	9	0	0	41	70	— 7	— 7	2.0	— 2.1	8.6	36
	Campbellpur	020	0	0	00	00	98	00	0	992	83	0	0	9	0	0	73	74	—	—	—	—	—	—
Sargodha	Khushab	000	0	0	09	02	98	00	0	994	88	0	0	9	0	0	80	82	— 1	— 1	0.1	— 2.1	5.1	15
	Lyallpur	000	0	0	29	02	96	00	0	988	88	0	0	9	0	0	76	82	— 5	— 1	0.5	— 1.6	4.3	12
Multan	Montgomery	000	0	2	13	02	96	01	1	983	83	0	0	9	0	1	75	82	— 6	— 2	0.8	— 1.1	3.3	10
	Multan	000	9	6	09	05	96	03	9	975	86	3	0	9	5	9	66	84	+ 8	— 1	0.3	— 0.8	2.0	7
	Leiah	000	0	0	13	02	97	00	0	918	96	0	0	9	0	0	73	85	—	—	—	—	—	8
Bahawalpur	Khanpur	000	0	4	07	05	95	05	2	970	89	1	0	9	3	4	71	81	+ 2	— 2	0	— 1.0	1.0	6
	Bahawalpur	000	0	0	13	02	98	00	0	979	89	0	0	9	0	1	70	83	x	— 1	1.3	+ 0.5	2.1	6
	Fort Abbas	010	0	0	26	02	98	00	0	980	84	0	0	9	3	0	78	74	—	—	—		—	8
Peshawar	Chakdara	000	0	0	00	00	97	00	0	988	xx	0	0	9	0	0	67	74	—	—	—		—	—
	Peshawar	009	0	4	29	05	97	03	1	999	82	1	9	6	3	1	72	75	— 12	— 5	0.1	— 0.4	6.7	11
	Haripur	009	0	0	33	02	97	00	0	989	87	0	0	9	0	0	67	72	—	—	1.6	—	8.2	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	982	87	0	0	9	0	0	73	74	—	—	0.6	—	3.6	11
	D. I. Khan	000	2	5	36	02	98	02	1	989	86	0	0	9	5	0	76	63	— 6	0	0	— 1.2	2.9	9
Quetta	Sibi	000	2	6	23	02	97	03	1	029	91	x	x	x	x	x	70	85	—	—	0	—	1.1	5
Kalat	Nokkundi	000	0	0	36	25	97	02	0	962	91	0	0	9	0	0	36	81	—	—	0	—	0.1	2
	Turbat	000	0	0	27	02	97	00	0	964	96	0	0	9	0	0	xx	xx	—	—	0	—	2.8	—
	Jiwani	000	0	6	13	11	96	05	1	972	86	6	6	4	0	0	79	84	—	—	0	—	0.7	5
	Pasni	000	0	8	13	03	96	03	2	968	86	8	4	7	0	0	xx	84	+ 2	+ 6	0	— 0.4	0.2	6
Karachi Division	Ormara	000	0	8	27	09	94	02	2	951	88	8	0	9	1	0	75	83	—	—	0	0	1.0	6
	Lasbela																							8
	Karachi (Manora)	000	9	7	36	09	96	03	6	953	82	0	0	9	7	0	76	80	+ 15	— 2	1.3	+ 0.2	1.3	8
	Karachi (Airport)	030	6	7	00	00	95	50	9	955	84	7	0	9	5	c	77	77	—	—	0.9	—	0.8	—
Hyderabad	Nagarparkar																							—
	Umerkot	016	0	8	10	03	97	02	0	956	85	8	9	7	0	0	78	79		—	0.3	—	0.5	—
	Hyderabad	000	9	5	09	03	97	02	5	964	85	5	0	9	3	0	75	80	+ 1	— 2	0	— 0.9	0.8	7
	Badin	048	0	0	05	02	97	00	0	957	84	0	0	9	0	0	77	78	+ 10	— 4	0.5	— 1.6	1.1	9
Khairpur	Padidan	030	9	8	05	05	97	02	6	973	82	8	0	9	2	0	75	79	—	—	0.3	—	0.9	—
	Nawabshah	026	0	7	36	02	96	02	2	982	84	7	0	9	7	8	75	79	—	—	0.3	—	0.6	—
	Sukkur	000	9	6	00	00	97	03	5	968	87	6	0	9	6	0	74	82	—	—	0	—	0	4
	Kashmore																							—
	Jacobabad	001	0	6	05	05	96	03	3	967	89	6	0	9	4	0	75	80	0	— 5	0	— 0.5	0.9	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							24
	Leh **																							3
	Skardu *																							6
	Misgar **	005	9	5	05	03	98	01	1	093	52	2	1	8	6	0	43	48	—	—	—	—	—	—
	Allabad *																							—
	Gilgit *	000	0	1	00	00	98	00	1	274	86	1	5	8	0	0	65	67	—	—	—	—	—	5
Rawalpindi	Murree *	005	9	0	00	00	97	00	1	442	66	0	0	9	0	0	55	58	+ 2	— 1	3.6	— 3.4	22.0	59
Peshawar	Drosh *	000	4	6	00	00	97	03	2	440	77	4	7	7	6	0	57	67	— 10	— 5	0.8	—	12.9	18
	Cherat *	000	0	0	08	05	98	00	0	407	75	0	0	9	0	0	69	47	+ 6	— 25	1.6	— 0.2	25.8	29
	Kakul *	000	9	0	31	02	97	02	1	440	77	0	0	9	0	0	59	68	—	—	1.6	—	17.2	—
	Landikotal *	000	0	8	05	02	97	01	2	425	79	8	0	9	3	0	66	72	—	—	0.5	—	12.2	—
	Parachinar *	000	0	6	00	00	98	03	0	439	71	6	1	8	1	0	66	62	— 7	— 4	2.7	—	16.2	29
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	431	82	0	0	7	0	0	43	75	—	—	0.1	— 1.2	1.9	13
	Wana *	075	0	0	00	00	98	03	0	509	75	0	0	9	0	0	54	65	—	—	—	—		11
Quetta	Fort Sandeman *	031	1	0	00	00	99	01	6	440	76	0	0	9	0	0	64	68	— 8	— 7	2.4	+ 1.2	7.2	11
	Hindubagh *	080	0	0	13	10	97	00	0	394	69	0	0	9	0	0	60	62	—	—	0.8	—	4.6	—
	Loralai *	000	0	4	05	02	99	01	1	429	74	0	0	9	1	2	71	67	—	—	0	—	4.1	9
	Harnai *	005	0	0	31	05	97	00	0	xxx	84	0	0	9	0	0	49	76	—	—	0.6	— 0.6	3.8	14
	Quetta *	000	9	0	00	00	96	05	3	403	74	0	0	9	0	0	61	67	— 1	—	0	— 0.2	4.2	9
	Chaman *	000	0	0	23	05	98	00	0	402	85	0	0	9	0	0	46	78	—	+ 2	0	0	1.3	8
	Nushki *	000	9	0	31	05	96	05	4	408	89	0	0	9	0	0	46	86	— 2	—	0	—	1.6	—
	Dalbandin *	000	2	2	23	03	95	05	0	405	85	2	0	9	3	0	39	77	—	+ 2	0	0	1.1	4
Kalat	Kalat *	012	0	0	27	02	98	03	2	419	69	x	x	8	x	x	58	62	— 1	0	0.1	— 0.2	2.1	7
	Panjgur *	000	0	3	00	00	95	05	0	410	81	3	0	9	2	0	52	80	+ 1	+ 4	0	—	1.0	5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

* These stations reportf or PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 9th JULY, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN				YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$H_wd_wP_wH_w$
1				2	3	4	5	6	7	8	9	10	11
ARABIAN SEA													
Safina-e-Arab	...	...	...	13 186	580 09	1 24 30	97 02 0	035 27		...	...	00 7 21	...
Dacca City	...	...	...	13 218	689 06	5 05 16	98 01 8	096 29	52 7 38	...	...	...	...
Caltex Thehlogs	...	...	...	13 150	516 06	6 22 13	98 01 2	003 31	00 9 00	...	...	00 7 20	12 2 22
Caltex Delhi	...	...	...	12 307	591 12	8 30 10	96 02 1	914 25	00 5 2x	...	...	00 4 22	12 9 11
Caltex Naples	...	...	...	13 189	530 12	3 23 10	97 02 0	400 27	00 9 01	...	...	00 2 24	12 3 32
Sirdhana	...	...	...	13 240	609 18	6 23 05	98 02 2	937 29	69 9 1x	65 2 30	...	05 1 26	12 3 94

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
			HHHTTTTdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	...	...		137 182 172	...	305 125 038	433 055 508	579 545 612	752 628 648	...	...	...	...
Jiwani ...														
Karachi ...	00 00	993 282 352	542 xxx xxx	MISDA										
Lahore ...	00 00	995 328 245	...	...	160 233 205	...	325 092 998	451 015 995	596 600 990	...	...	...	...	...
Multan ...						...				...	...	...	...	...
Peshawar ...	00 00	959 272 235	...	...	141 188 188	...	309 058 958	428 508 508	571 608 608	739 708 999	949 975	729 992	...	...
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	998 288 272	900 208 918	800 175 162	556 002 558	369 668 668	010 592 535	...	...	...	010 592 535	...	...
Jiwani ...													
Karachi ...	00 00												
Lahore ...	00 00	900 328 258	...	...	...	...	...	...	...	...	900 328 258	...	...
Multan ...													
Peshawar ...	00 00	945 312 212	900 212 212	890 212 212	800 150 150	...	...	...	...	...	800 150 150	...	...
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT: TdTdTd: Dry Bulb; Dew Point temperatures (in tenth 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 ...	14 07	14 13	16 10	17 12	17 15	14 11	13 05	17 04	18 05
Chaklala ...	...	26 07	35 02	08 03	10 07	10 02	30 07	26 04	29 07
Chhor ...	03 21	04 19	05 16	...	...	...	...	...	...
Chittagong ...	21 10	15 10	14 13	14 24	14 21	...	...	...	...
Cox's Bazar ...	15 14	14 15	13 18	...	...	...	...	...	...
Dacca ...	13 06	13 09	13 18	13 15	13 15	12 12	11 04	06 44	11 05
Dalbandin ...	...	...	26 17	24 18	27 19	28 30	...	...	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	21 12	20 09	01 03	22 08	23 12
Fort Sandeman ...	...	...	...	12 06	12 02	...	...	...	...
Jacobabad ...	19 07	11 07	11 06	10 10	06 07	06 07	04 19	04 14	23 07
Jessore ...	11 08	10 14	13 19	14 19	...	...	...	...	...
Jhelum ...	12 09	14 14	15 13	24 04	06 02	35 03	34 19	30 21	28 23
Jiwani ...	17 08	12 09	10 09	04 11	01 15	36 23	...	...	...
Karachi ...	15 03	10 09	08 13	07 18	04 22	...	...	...	...
Khanpur ...	17 20	16 24	15 19	...	...	...	...	...	...
Lahore ...	06 27	08 10	08 12	08 13	07 15	05 11	33 12	...	...
Multan ...	06 04	05 05	05 06	06 10	26 13	04 19	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	23 11	32 11	31 07	...	...	...
Peshawar ...	...	15 06	16 05	12 04	17 04	10 03	27 03	...	...
Quetta ...	...	...	...	...	19 21	13 19	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	28 07	27 07	23 11	22 11	20 09	20 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 ...	11 07	11 07	09 07	13 13	13 13	14 09
Chaklala ...	...	08 05	12 06	12 03	31 04	12 04
Chhor ...	05 13	05 09	09 09	06 17	05 23	05 25
Chittagong ...	10 09	09 13	12 13	11 17	10 15	11 13
Cox's Bazar ...	14 13	14 19	xx xx	13 25	13 15	12 20
Dacca ...	14 09	14 11	12 10	12 14	...	...
Dalbandin ...	...	...	30 07	30 06	32 12	29 11
D.I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	23 02	21 04	21 03
Fort Sandeman ...	...	...	...	08 06	18 02	...
Jacobabad ...	35 21	35 17	31 12	05 06	07 10	07 21
Jessore ...	12 13	12 13	13 13	...	...	...
Jhelum ...	12 05	10 07	10 05	06 05	09 04	15 04
Jiwani ...	12 15	12 10	15 07	10 05	02 07	01 10
Karachi ...	...	...	...	...	...	...
Khanpur ...	03 18	02 08	07 04	08 08	08 13	09 21
Lahore ...	11 06	14 09	13 09	12 09	09 07	10 06
Multan ...	08 11	04 11	05 10	07 08	...	...
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	17 05	28 07	...
Peshawar ...	...	32 04	21 05	16 06	19 06	25 07
Quetta ...	...	...	...	...	31 02	20 06
Sharjah ...	...	...	...	...	...	...
Sylhet ...	13 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 ...	11 10	09 09	12 10	13 10	13 11	10 09	09 05	09 07	07 10	...	...
Chaklala ...	...	24 05	32 04	36 03	30 03	09 04	27 04	27 17	26 20	...	...
Chhor ...	09 05	08 12	08 15	08 18	09 20	09 23	...	...	...	...	...
Chittagong ...	14 06	14 05	12 06	11 12	...	...	...	...	...	...	...
Cox's Bazar ...	13 12	13 15	12 19	13 29	...	...	...	...	...	...	...
Dacca ...	11 07	10 09	10 10	09 13	07 21	09 11	09 13	08 13	07 13	10 17	...
Dalbandin ...	...	...	27 03	28 07	28 09	29 12	16 08	14 21	...	...	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	20 10	20 12	...	...	...	...	...
Fort Sandeman ...	...	...	...	26 05	03 05	12 04	...	...	...	...	...
Jacobabad ...	07 23	09 24	08 20	07 26	...	...	...	...	...	...	...
Jessore ...	10 10	10 16	11 17	...	...	...	...	...	...	...	...
Jhelum ...	18 01	15 05	14 03	06 02	02 06	07 04	xx xx	xx xx	29 02	25 19	25 1[illegible]
Jiwani ...	11 03	13 08	11 36	12 03	05 07	36 17	34 24	05 06	05 15	...	...
Karachi ...	03 14	03 17	03 28	04 29	05 27	06 29	...	...	...	...	...
Khanpur ...	07 07	13 06	10 05	06 12	06 15	05 24	...	...	...	...	...
Lahore ...	10 06	11 06	11 11	10 10	10 08	08 13	02 23	...	03 09	22 14	...
Multan ...	08 08	07 09	07 13	07 19	05 27	03 29	06 06	03 03	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	33 07	01 14	...	...	...	...	...	...
Peshawar ...	...	05 03	03 03	36 02	32 05	30 05	33 06	33 10	20 07	27 12	27 11
Quetta ...	...	...	...	...	01 02	14 06	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	17 02	17 03	02 03	09 09	07 09	14 09	xx xx	xx xx	07 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 ...	15 12	14 10	11 08	09 10	11 13	14 10	08 08	09 05	11 09	08 16	07 16	...	...	...	...	...	...	...
Karachi ...		MISDA										...	...	...	...	...	...	...
Peshawar ...	01 04	01 07	13 08	20 19	28 09	29 03	31 04	28 07	28 24	27 33	27 52	...	...	...	...	...	...	...
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.

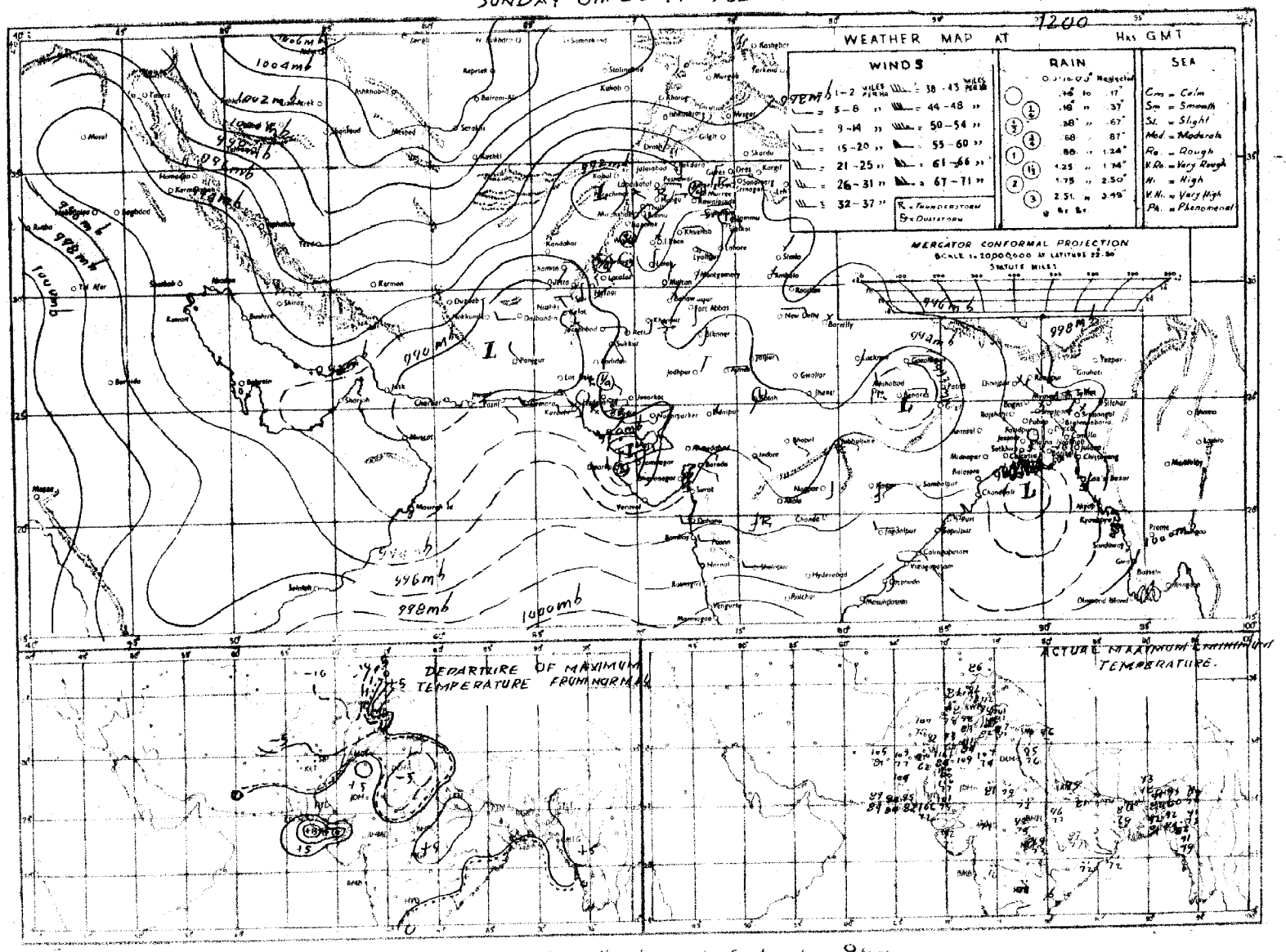
Cloud observation Data (GGill Cdd VrVr etc.)

06 712 32 313

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

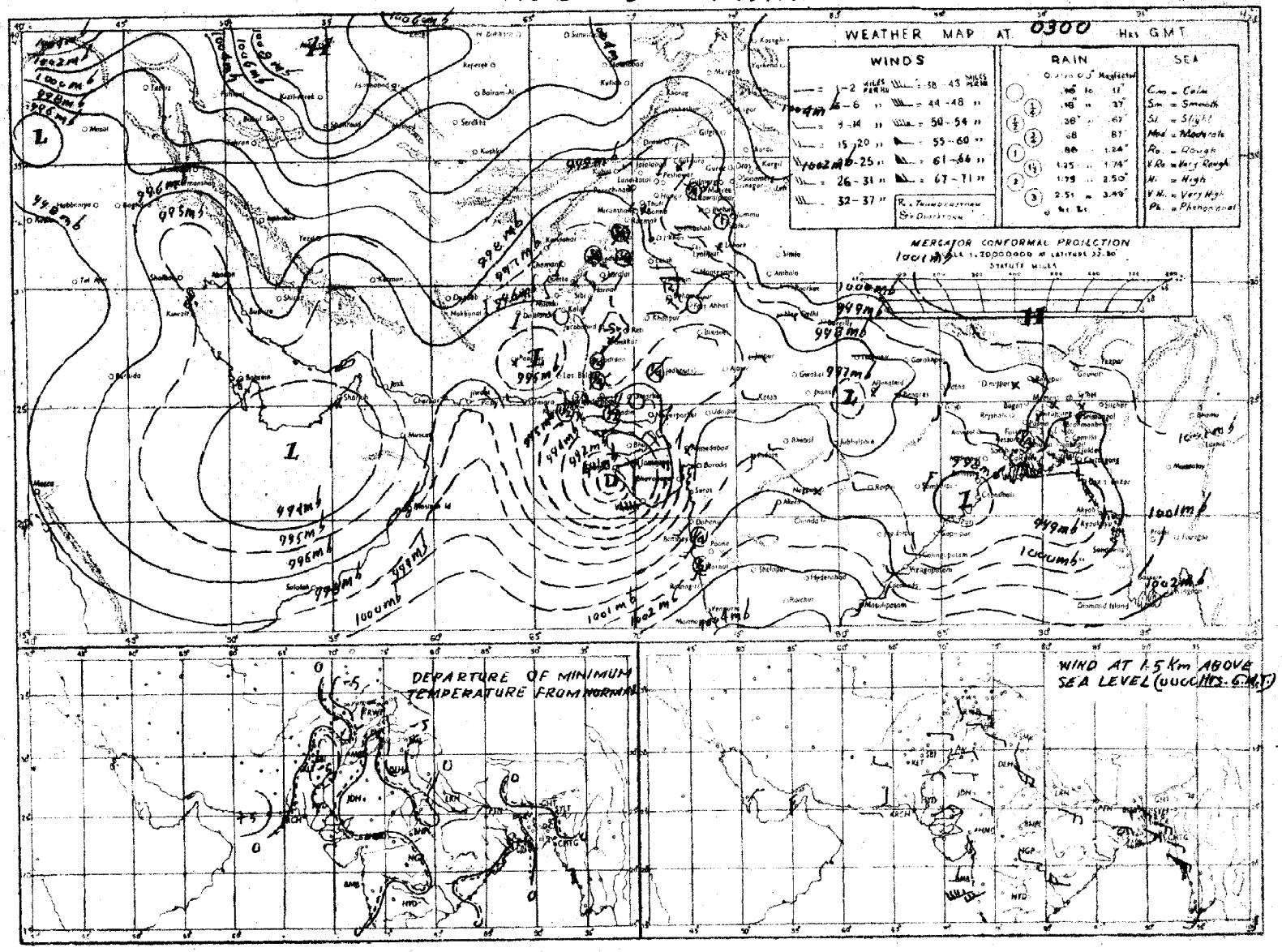
SUNDAY 8th JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 9th JULY, 1962.



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

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2 Rs. 3/-
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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

TUESDAY THE 10th JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Ship's observations are completely lacking and those from coast are meagre but believe last evening's deep depression has moved slightly northwestwards, weakened slightly and is centred at 10,0300 GMT within one degree of latitude 22 °N and longitude 67½ °E. It is likely weaken further withoutawy appreciable movement. It has caused local rain/thundershowers in Karachi and Hyderabad divisions and scattered in Khairpur and Bahawalpur divisions.

Yesterday western disturbance has moved away northeastwards after causing local rain/thundershowers in Peshawar and Lahore divisions and scattered in Rawalpindi division and light rain in D. I. Khan and Quetta divisions.

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

A low pressure area has developed over north Bay of Bengal.

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

Chief amounts of rainfall are:—Brahmanbaria and Nawabshah 1" each; Dacca and Parachinar 3/4" each; Sialkot, Murree, Khanpur and Hyderabad 1/2" each; and Chittagong and Faridpur 1/4 each.

Day temperatures were 3—8 °F (2—4 °C) above normal in East Pakistan in Hyderabad and coastal Kalat divisions and 6—18 °F (3—10 °C) so in Karachi division and were 5—10 °F (3—6 °C) below normal in north Kalat, Quetta, D. I. Khan, Peshawar, Lahore and Khairpur divisions.

Forecast valid until the evening of 11th July, 1962:—Fairly widespread rain/ thundershowers are likely to occur in Karachi and Hyderabad divisions. Thunderstorms/showers are likely to be local in East Pakistan and in Khairpur, Quetta, Rawalpindi and Lahore divisions and in Kashmir and be scattered elsewhere in the country.

Karachi-11
The 10th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
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 † 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	Rangamati	000	1	6	29	02	97	17	9	974	98	4	8	6	2	4	81	95
	Cox's Bazar	000	0	6	16	19	97	03	2	987	86	4	8	5	7	8	80	91
	Chittagong	000	0	5	30	07	97	03	2	968	86	3	3	6	2	0	79	92
	Maijdee Court	000	9	7	13	05	96	03	2	969	89	0	0	9	2	9	xx	91
	Comilla	000	0	3	00	00	96	02	2	949	90	8	4	5	x	x	80	94
	Brahmanbaria	080	0	5	27	02	97	03	1	965	90	5	0	9	1	0	79	92
	Sylhet	000	0	7	27	05	96	02	2	962	88	5	4	6	0	8	83	93
	Srimangal	000	0	0	00	00	96	00	0	962	92	0	0	9	0	0	78	94
Dacca	Mymensingh	000	0	6	00	00	98	02	1	972	92	6	2	4	0	0	79	95
	Narayanganj	000	9	6	18	02	96	01	2	969	91	2	4	3	0	8	89	93
	Dacca (Tezgaon)	000	0	3	23	02	97	03	1	943	90	2	4	6	0	1	79	91
	Faridpur	000	0	3	16	02	96	02	1	975	88	3	3	7	0	0	83	91
Khulna	Barisal	000	0	6	18	02	97	02	2	975	87	4	4	6	6	0	79	90
	Khulna	800	0	3	13	03	97	01	1	968	88	3	8	7	0	0	79	91
	Satkhira	000	0	4	00	00	97	03	2	980	88	2	1	8	1	0	78	87
	Jessore	800	0	4	18	03	97	02	2	967	88	4	4	6	0	0	80	90
Rajshahi	Pabna	000	0	2	13	05	99	01	2	962	92	2	2	7	0	0	82	94
	Sirajganj	000	0	1	00	00	98	02	1	965	88	1	0	9	0	1	80	91
	Bogra	000	C	5	18	02	96	03	1	965	91	4	4	5	2	x	80	98
	Dinajpur	000	0	4	00	00	96	03	0	983	91	4	0	9	2	0	81	96
	Rangpur	002	5	1	13	02	96	01	5	964	93	1	0	9	1	0	82	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	002	8	3	09	03	96	02	6	958	95	1	2	8	0	1	72	96
	Sialkot	053	8	3	00	00	98	03	6	957	92	x	x	x	x	x	76	00
Rawalpindi	Jhelum	000	0	2	13	10	97	02	0	943	98	2	1	7	0	0	70	03
	Rawalpindi	000	0	2	23	03	97	05	4	970	98	2	1	8	0	9	73	00
	Campbellpur	000	0	4	23	02	97	01	0	918	99	1	1	8	2	1	69	00
Sargodha	Khushab	000	0	2	00	00	98	91	1	953	02	0	0	9	0	0	90	03
	Lyallpur	000	0	5	25	02	97	02	0	951	99	5	0	9	4	0	72	00
Multan	Montgomery	000	0	1	09	02	96	02	1	934	99	1	1	7	0	0	72	00
	Multan	000	0	3	00	00	97	03	0	935	99	0	0	9	0	2	73	01
	Leiah	000	0	3	05	02	97	03	0	988	10	0	1	8	0	0	83	15
Bahawalpur	Khanpur	065	3	7	00	03	96	01	9	952	87	3	5	6	7	0	80	05
	Bahawalpur	000	0	2	05	02	97	00	0	xxx	02	0	2	9	0	0	73	03
	Fort Abbas	000	0	0	36	02	99	00	0	935	99	0	0	9	0	0	75	99
Peshawar	Chakdara	000	0	4	18	01	97	01	0	906	93	4	0	9	3	0	70	94
	Peshawar	000	0	7	20	10	97	02	1	941	97	2	1	6	3	0	69	00
	Haripur	000	0	4	18	03	97	00	0	980	99	0	0	9	0	0	64	03
D. I. Khan	Bannu	000	2	8	09	02	97	07	0	964	90	0	0	9	1	0	65	99
	D. I. Khan	000	3	5	00	00	98	03	0	933	01	0	5	9	0	0	72	03
Quetta	Sibi	000	9	7	05	02	97	03	1	941	06	0	1	9	4	2	68	08
Kalat	Nokkundi	000	0	0	34	02	98	02	0	917	03	0	0	9	0	0	30	04
	Turbat	000	0	0	27	07	96	07	0	915	08	0	0	9	0	0	xx	14
	Jiwani	000	0	0	20	12	96	05	0	949	89	0	0	9	0	0	79	93
	Pasni	000	8	6	20	21	95	07	2	933	90	0	0	9	4	3	80	99
Karachi Division	Ormara	000	0	1	27	09	94	03	1	927	91	1	1	6	0	0	81	99
	Lasbela	000	8	5	03	05	98	03	2	918	08	0	0	8	5	6	79	10
	Karachi (Manora)	000	0	7	09	12	96	03	2	914	95	0	0	9	7	0	77	09
	Karachi (Airport)	000	0	6	09	16	96	03	3	921	99	4	8	6	3	0	75	01
Hyderabad	Nagarparkar	000	0	5	18	02	97	00	0	906	95	0	0	9	0	0	73	97
	Umerkot	000	0	3	11	03	98	02	0	919	99	3	2	7	0	0	77	02
	Hyderabad	000	4	2	05	05	97	01	5	931	99	2	4	6	0	0	73	03
	Badin	000	0	0	23	02	97	00	0	941	00	0	0	9	0	0	76	02
Khairpur	Padidan	000	0	6	36	07	97	01	3	929	00	5	2	6	2	0	73	02
	Nawabshah	000	0	7	05	10	96	03	0	943	99	5	3	6	1	0	73	03
	Sukkur	000	8	5	02	03	96	03	1	928	04	5	0	9	4	0	71	05
	Kashmore	000	0	0	05	03	99	00	2	961	21	0	0	9	0	0	87	10
	Jacobabad	000	0	6	09	03	96	02	2	939	05	4	0	9	3	2	72	05
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait	xxx	x	2	03	02	97	01	1	942	97	2	1	8	0	0	74	xx
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	8	31	07	97	03	1	068	59	3	5	8	1	0	36	94
	Aliabad *																	
	Gilgit *	100	0	6	00	00	98	01	1	368	88	6	5	8	0	0	67	93
Rawalpindi	Murree *	010	4	5	25	09	98	02	1	419	71	3	5	4	8	0	41	73
Peshawar	Drosh *	000	0	0	07	05	97	03	9	400	93	3	2	7	3	3	xx	95
	Cherat *	000	0	8	17	09	98	03	0	394	85	8	6	6	0	0	71	89
	Kakul *	600	0	4	20	14	97	03	3	407	88	5	4	6	0	0	56	90
	Landikotal *	000	0	5	13	02	97	01	1	396	xx	5	9	0	2	0	66	90
	Parachinar *	000	0	7	13	02	98	03	2	403	76	7	7	8	0	0	68	82
D. I. Khan	Miranshah *	006	1	4	05	05	99	01	6	420	90	4	4	8	0	0	73	95
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	002	2	2	11	01	99	01	6	415	83	2	0	8	3	0	66	90
	Hindubagh *	000	0	6	00	00	97	00	0	370	85	0	0	8	0	4	51	84
	Loralai *	000	0	6	16	03	99	01	2	392	88	0	0	9	2	1	75	91
	Harnai *	000	0	3	13	09	97	03	0	xxx	96	3	2	5	0	0	58	96
	Quetta *	000	0	6	23	02	94	04	0	394	88	6	3	5	0	0	60	89
	Chaman *	000	0	0	27	02	98	00	0	389	96	0	0	9	0	0	43	97
	Nushki *	000	9	0	27	09	96	05	4	438	91	0	0	9	0	1	53	01
	Dalbandin *	000	8	2	23	03	95	05	0	404	02	0	0	9	0	0	44	03
Kalat	Kalat *	000	0	0	14	07	97	02	2	402	70	x	x	7	6	x	54	83
	Panjgur *	000	0	0	31	04	97	03	0	396	00	0	0	9	0	0	56	01
Afghanistan	Kabul *																	
	Kandhar *																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Rangamati																	
	Cox's Bazar	000	0	6	13	09	97	03	2	000	86	2	8	5	4	8	74	78
	Chittagong	010	9	6	09	03	97	03	9	002	85	6	5	6	0	0	76	79
	Maijdee Court	000	9	0	09	02	96	02	2	006	85	2	2	5	2	x	79	80
	Comilla																	
	Brahmanbaria	092	0	4	18	02	97	03	1	006	85	4	4	5	0	0	73	78
	Sylhet	000	0	5	09	05	96	02	2	005	87	3	4	6	0	1	79	81
	Srimangal	090	0	4	00	00	95	02	0	984	83	4	0	4	0	0	74	79
Dacca	Mymensingh	007	0	6	27	02	97	21	1	013	83	8	7	4	x	x	80	80
	Narayanganj	000	9	6	13	03	97	02	2	002	89	3	4	3	3	6	77	81
	Dacca (Tezgaon)	068	4	8	00	00	97	21	9	000	83	4	5	5	7	x	87	78
	Faridpur	022	8	7	16	02	97	02	5	993	84	4	5	5	1	0	81	78
Khulna	Barisal	000	0	4	13	05	96	02	2	005	87	4	7	6	0	0	79	81
	Khulna	030	0	6	00	00	97	03	2	997	86	6	5	5	0	0	81	81
	Satkhira	030	0	6	00	00	97	03	2	995	87	3	4	6	2	0	79	81
	Jessore	008	0	6	09	05	97	21	2	011	84	3	5	6	6	0	91	81
Rajshahi	Pabna	003	0	5	13	05	98	03	2	999	85	5	2	7	5	0	79	79
	Sirajganj	000	0	6	18	03	97	03	2	001	64	6	4	5	0	0	78	82
	Bogra	000	0	7	0.	03	96	01	2	998	85	3	5	5	2	x	79	83
	Dinajpur																	
	Rangpur	002	0	4	09	02	94	03	0	001	90	2	5	6	2	0	82	82
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	002	9	1	00	00	96	02	6	992	89	1	0	9	3	0	76	81
	Sialkot	058	0	9	00	00	98	00	0	993	87	0	0	9	0	0	74	79
Rawalpindi	Jhelum	000	9	3	18	04	78	32	1	992	01	3	0	9	7	0	70	81
	Rawalpindi	000	0	3	27	02	99	01	2	991	88	3	0	9	4	0	71	81
	Campbellpur	000	0	6	00	00	97	02	1	987	87	1	1	8	2	7	67	82
Sargodha	Khushab	000	0	0	07	03	97	00	0	001	89	0	0	9	0	0	84	xx
	Lyallpur	000	0	4	00	00	96	02	0	997	89	0	0	9	0	3	75	84
Multan	Montgomery	000	0	0	23	02	96	02	1	992	90	0	0	9	0	0	76	94
	Multan	000	0	3	00	00	96	06	0	982	93	3	0	9	3	0	77	87
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	Khanpur	065	0	2	00	00	96	01	2	976	91	0	0	9	0	2	78	91
	Bahawalpur	000	0	3	13	02	98	00	0	994	94	3	0	9	0	0	75	xx
	Fort Abbas	000	0	0	09	02	98	00	0	828	87	0	0	9	0	0	78	83
Peshawar	Chakdara	000	0	0	36	01	97	03	0	986	77	0	0	9	3	0	46	72
	Peshawar	000	0	7	00	00	97	02	2	994	87	2	5	6	3	0	63	81
	Haripur	000	8	6	36	01	96	01	9	928	xx	6	0	9	0	4	63	74
D. I. Khan	Bannu	000	0	0	00	00	99	00	1	978	91	0	0	9	0	0	74	80
	D. I. Khan	000	0	0	09	02	98	00	0	985	92	0	0	9	0	0	75	65
Quetta	Sibi	000	9	8	05	02	97	03	1	972	94	0	2	9	4	2	69	90
Kalat	Nokkundi	000	0	0	34	32	99	02	0	962	93	0	0	9	0	0	29	82
	Turbat	000	0	0	27	01	96	06	0	981	94	0	0	9	0	0	xx	xx
	Jiwani	000	0	3	18	03	96	03	0	979	85	3	6	4	0	0	79	83
	Pasni	001	3	8	25	08	95	03	1	973	86	0	0	9	4	3	82	84
Karachi Division	Ormara	000	0	7	17	07	94	03	2	951	87	7	1	6	1	0	83	85
	Lasbela																	
	Karachi (Manora)	011	8	6	36	05	96	03	9	950	83	0	0	9	9	0	73	81
	Karachi (Airport)	014	9	7	00	00	97	03	9	971	85	1	1	6	0	1	78	79
Hyderabad	Nagarparkar	007	0	3	13	03	97	00	0	957	84	0	3	7	0	0	77	66
	Umerkot	000	0	8	11	02	97	02	0	962	86	0	0	8	0	0	81	81
	Hyderabad	038	9	1	09	02	97	02	5	972	87	0	0	9	0	1	79	82
	Badin	000	0	0	00	00	97	00	0	974	88	0	0	9	0	0	78	83
Khairpur	Padidan	000	0	3	03	00	97	01	1	974	89	2	0	9	3	1	76	82
	Nawabshah	000	9	6	09	02	96	01	9	984	88	0	0	9	0	6	78	77
	Sukkur	099	9	4	02	02	97	01	3	971	93	0	0	9	0	8	77	86
	Kashmore	000	0	0	00	00	99	00	0	989	98	0	0	9	0	0	82	82
	Jacobabad	000	0	4	07	02	97	03	1	973	94	0	0	9	0	4	77	89
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	4	05	02	98	03	0	104	58	0	0	9	3	0	40	46
	Aliabad *																	
	Gilgit *	000	0	3	00	00	8	01	1	466	78	3	5	8	0	0	77	76
Rawalpindi	Murree *	049	9	2	27	05	8	01	9	489	63	0	0	9	8	0	51	xx
Peshawar	Drosh *	010	9	3	00	00	98	01	6	451	75	3	0	9	3	0	54	68
	Cherat *	000	0	0	13	05	98	00	2	413	77	0	0	9	0	0	70	55
	Kakul *	000	9	4	29	03	98	03	1	443	78	1	4	7	3	0	61	68
	Landikotal *	000	0	7	00	00	97	03	2	425	78	7	0	9	3	x	68	74
	Parachinar *	070	0	6	00	00	98	03	0	440	70	6	1	8	1	0	69	62
D. I. Khan	Miranshah *	036	0	4	00	00	98	02	3	431	82	4	4	8	0	0	74	75
	Wana *	000	0	0	00	00	98	03	0	517	79	0	0	9	0	0	64	72
Quetta	Fort Sandeman *	003	0	0	00	00	99	01	0	448	77	0	0	9	0	0	67	70
	Hindubagh *	000	0	7	23	04	97	00	0	427	73	0	0	8	0	8	58	64
	Loralai *	030	0	8	02	03	99	01	1	431	79	0	0	9	2	1	75	68
	Harnai *	000	0	3	00	00	97	03	0	xxx	89	3	2	5	0	0	66	83
	Quetta *	000	9	4	20	00	96	01	2	418	78	0	0	9	0	9	47	71
	Chaman *	000	0	6	09	05	98	02	1	428	87	6	0	9	2	0	44	79
	Nushki *	000	9	6	00	00	96	05	4	435	96	6	0	9	0	4	49	85
	Dalbandin *	000	9	3	00	00	93	05	0	415	84	3	0	9	4	0	34	78
Kalat	Kalat *	000	0	0	27	03	98	03	2	427	65	x	x	8	x	x	60	59
	Panjgur *	000	0	4	29	03	97	03	0	421	84	0	0	9	0	2	49	72
Afghanistan	Kabul *																	
	Kandhar *																	

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

Divisions (1)	Stations (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati						
	Cox's Bazar	+ 5	+ 1	45.8	+ 3.1	56.6	140
	Chittagong	+ 6	+ 2	29.3	+ 0.7	42.9	108
	Maijdee Court	+ 5	+ 2	—	—	—	115
	Comilla	+ 7					94
	Brahmanbaria	—	—	16.5	— 1.3	32.6	78
	Sylhet	—		40.3	—	67.3	—
	Srimangal	+ 4	+ 3	—	—	—	98
Dacca	Mymensingh	+ 8	+ 2	22.2	— 1.1	37.3	91
	Narayanganj	+ 5	+ 2	—		—	74
	Dacca (Tezgaon)	—	—	8.9	—	23.8	—
	Faridpur	+ 3	0	8.4	— 8.6	21.7	71
Khulna	Barisal	+ 2	+ 2	14.6	— 5.9	27.5	81
	Khulna	+ 3	+ 3	15.2	— 2.0	22.9	68
	Satkhira	— 2	+ 3	15.5	— 1.2	23.1	63
	Jessore	—	—	7.6	— 8.6	17.8	65
Rajshahi	Pabna	—	—	14.8	—	33.3	59
	Sirajganj	+ 4	+ 4	7.7	— 8.7	20.7	64
	Bogra	+ 9	+ 5	12.7	— 5.2	25.3	69
	Dinajpur	+ 7					72
	Rangpur	+ 6	+ 4	23.3	— 1.1	27.5	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 5	+ 1	0	— 3.3	6.4	19
	Sialkot	+ 1	— 2	4.1	— 1.1	8.5	32
Rawalpindi	Jhelum	—	—	3.3	—	9.4	
	Rawalpindi	+ 1	+ 4	2.0	— 2.3	8.6	36
	Campbellpur	—	—			—	—
Sargodha	Khushab	— 1	—	0.1	— 2.3	5.1	15
	Lyallpur	— 3	+ 1	0.5	— 1.7	4.3	12
Multan	Montgomery	+ 4	0	0.8	— 1.2	3.3	10
	Multan	— 2	+ 3	0.3	— 0.9	2.0	7
	Leiah	—					8
Bahawalpur	Khanpur	— 2	— 2	0.7	— 0.4	1.7	6
	Bahawalpur	— 2	—	1.3	+ 0.4	2.1	6
	Fort Abbas	—	—	—	—	—	8
Peshawar	Chakdara	—	—	—	—	—	—
	Peshawar	— 3	+ 1	[illegible]	— 0.4	6.7	11
	Haripur	—	—	1.5	—	8.2	—
D. I. Khan	Bannu	—	—	0.6	—	3.6	41
	D. I. Khan	— 1	+ 2	0	— 1.3	2.9	9
Quetta	Sibi	—	—	0	—	1.1	5
Kalat	Nokkundi	—	—	0	—	0.1	2
	Turbat	—	—	0	—	2.7	
	Jiwani	—	—	0	—	0.7	5
	Pasni	+ 7	+ 6	0	— 0.4	0.2	6
Karachi Division	Ormara	—	—	0	— 0.1	1.0	6
	Lasbela						8
	Karachi (Manora)	+ 18	— 1	1.4	+ 0.2	1.4	8
	Karachi (Airport)	—	—	0.9	—	0.9	—
Hyderabad	Nagarparkar	—	—	—	—	—	—
	Umerkot	—	—	0.3	—	0.5	—
	Hyderabad	+ 2	0	0.4	— 0.7	1.2	7
	Badin	+ 6	+ 1	0.5	— 1.7	4.1	9
Khairpur	Padidan	—	—	0.3	—	0.9	—
	Nawabshah	—	—	1.2	—	1.6	—
	Sukkur	—	—	0	—	0	4
	Kashmore	—	—			—	—
	Jacobabad	— 5	+ 4	0	— 0.5	0.9	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait	—					5
	HILL STATIONS						
Kashmir	Srinagar *						26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu *						6
	Misgar **	—	—				—
	Aliabad *	—					—
	Gilgit *	—	—				4
Rawalpindi	Murree *	— 2	—	4.1	— 3.3	22.5	59
Peshawar	Drosh *	— 1	— 4	0.9	—	12.9	18
	Cherat *	— 1	— 17	1.6	— 0.3	25.8	29
	Kakul *	—	—	1.6	—	17.2	—
	Landikotal *	—	—	0.5	—	12.2	—
	Parachinar *	— 6	— 4	3.3	—	16.2	29
D. I. Khan	Miranshah *	—	—	0.1	— 1.2	1.9	13
	Wana *		—	—		—	11
Quetta	Fort Sandeman *	— 11	— 5	2.5	+ 1.1	7.3	11
	Hindubagh *	—	—	0.8	—	4.6	—
	Loralai *	—	—	0	—	4.1	9
	Harnai *	—	—	0.6	— 0.7	3.9	14
	Quetta *	—	—	0	— 0.2	4.2	9
	Chaman *	— 5	+ 3	0	0	1.3	8
	Nushki *	—		0	—	1.6	—
	Dalbandin *	— 6	+ 3	0	0	1.1	4
Kalat	Kalat *	— 8	— 3	0.1	— 0.3	2.1	7
	Panjgur *	— 2	— 4	0	—	1.0	5
Afghanistan	Kabul *						12
	Kandhar *						

† Given in Code.

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

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

*RR 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 10th JULY, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_dw d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Glenprik	23 200	697 06	8 24 44	96 05 8	943 29	87 4 xx	74 0 00	...	00 8 24	12 4 22
Safina-e-Arab	23 901	66x 06	2 23 09	98 00 0	000 xx		—	—		
Caltex Naples	23 158	581 06	8 23 24	96 02 1	988 26	00 9 03		—	00 5 29	12 3 22
Caltex London	23 184	576 06	8 22 33	96 10 2	991 26	00 9 18	53 3 08	—	00 5 24	12 2 24
Caltex The haque	23 179	575 06	8 22 19	96 02 4	977 27	08 9 07	—	—	00 4 24	12 2 32
Safina-e-Arab	23 086	681 12	4 13 13	97 16 1	068 29	4f 4 00		...		
Al Hussaini	23 167	717 12	8 23 30	97 03 3	010 28	69 3 70	33 1 15	—	05 2 26	18 3 75
GlenParik	23 206	692 12	8 23 37	96 81 8	913 27	89 3 x4	74 7 18	...	00 2 24	12 3 22
Isocordia	23 289	487 12	0 33 06	98 03 0	975 35	00 9 00	26 x xx	—	00 x 24	13 3 41
Caltex The haque	23 191	583 12	7 22 16	97 02 2	923 27	00 9 07	....	—	00 7 23	12 2 33
Caltex Naples	23 203	592 12	3 20 22	97 02 1	962 26	08 9 09		...	05 1 22	12 1 47
Moriston	23 190	580 12	9 22 18	96 05 0	962 26	00 4 00	14 4 04	...	00 8 22	12 2 22
President Polk	23 210	615 12	8 20 21	97 02 2	956 28	972 x xx	55 6 14	...	00 8 24	...

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
			At surface and Standard Isobaric Levels 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	994 272 242	534 xxx xxx	...	140 195 172	...	304 115 092	431 032 008	577 532 548	750 622 625	965 770	245 975	429 125	676 [illegible]
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	—	—	—
Multan ...														
Peshawar ...	00 00	MISDA	...	—	—	...	—	...	...	—	—	...	—	—
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. HHHHTT	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	900 255 222	800 182 145	...	...	—	...	...	...	—	800 182 145	—	—
Lahore ...	00 00	MISDA	—	...	...	—	...	—	...	...	—	...	—
Multan ...													
Peshawar ...	00 00	MISDA	...	—	—	...	—	...	—	—	—	...	...
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenth 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 ...	15 07	16 07	15 09	12 08	13 07	14 08	07 09	06 09	06 10	...	...	...	—	...	...	15 12	19 06	10 11	08 13	07 15	07 13	07 12	09 16	—	...	...
Chaklala ...	...	24 03	25 05	23 06	22 03	12 03	32 08	28 14	27 13	—	24 05	19 04	19 03	02 06	34 08	...	23 04	26 05	34 05	34 05	34 09	31 12	30 09	24 17	...	...
Chhor ...	09 14	09 15	08 15	...	—	...	—	...	...	15 08	11 07	08 10	07 17	08 17	10 19	13 08	11 08	10 08	07 19	07 24	07 24	09 23	10 19	10 15	13 12	13 [illegible]
Chittagong ...	22 13	22 13	21 11	21 11	—	...	...	...	...	13 10	13 15	09 15	09 15	13 15	09 15	12 06	10 05	13 08	13 17	12 25	—	—	—	—	—	...
Cox's Bazar ...	16 15	14 19	13 13	...	—	...	...	...	...	15 10	16 20	16 25	16 15	09 15	69 25		...	...	—	...	—	—	—	—	...	...
Dacca ...	23 06	19 08	16 16	15 11	15 13	13 14	11 14	09 14	07 17	14 11	14 16	14 17	14 08	...	—	17 06	16 12	16 17	—	...	...	—	...	—	...	...
Dalbandin ...			25 08	24 10	24 03	22 12	15 13	20 17	20 17	—	...	08 07	07 05	10 11	17 07	...	—	07 00	06 11	07 09	17 05	17 09	16 14	17 16	21 12	24 [illegible]
D. I. Khan ...	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	...	...	—	—	—	—	—	—	...	—	...
Drosh ...	...	...	—	...	25 05	19 08	...	...	...	...	—	—	13 03	18 06	22 09	...	...	...	—	03 03	05 01	24 04	29 06	...	...	...
Fort Sandeman ...	...	...	...	11 08	06 04	31 05	...	...	...	...	...	...	01 01	25 04	01 09	...	...	...	36 03	05 05	30 0		...	...	...	...
Jacobabad ...	30 02	07 05	07 08	08 13	05 13	06 13	10 07	13 09	13 04	05 03	08 06	09 07	11 06	04 08	05 10	11 07	08 08	08 05	05 09	03 10	03 13	10 12	13 03	13 03	14 06	24 [illegible]
Jessore ...	11 12	11 10	13 12	13 22	...	...	...	...	...	...	...	...	...	...		11 15	12 15	12 20							...	...
Jhelum ...	18 10	19 10	19 07	25 07	33 06	08 04	01 06	29 14	27 21	26 04	26 03	35 03	34 10	35 10	35 07	11 04	27 04	30 03	36 09	01 10	10 03	35 06	35 07	34 09	...	...
Jiwani ...	00 17	21 14	24 08	35 04	01 07	35 22	33 25	33 14	31 07	15 12	22 09	23 06	29 06	31 09	34 10	24 03	22 03	21 35	07 05	07 08	04 05	04 08	08 12	10 12	10 14	09 [illegible]
Karachi ...	06 15	06 23	05 17	04 21	...	...	...	...	...	...	...	...	...	...	...	05 07	06 10	06 14	07 18	06 22	07 25	09 22	10 12	09 10	...	...
Khanpur ...	08 08	08 06	02 12	02 23	—	...	...	...	...	36 12	01 15	01 26	05 08	09 07	10 07	03 02	05 05	05 07	05 13	04 14	06 13	07 10	—	—	...	...
Lahore ...	17 28	11 13	11 15	11 13	11 15	06 13	01 12	05 12	06 15	11 04	10 04	10 07	10 07	09 07	07 12	12 05	12 07	12 03	11 06	11 07	07 19	04 11	04 06	03 06	34 06	28 [illegible]
Multan ...	05 09	05 10	05 10	05 12	34 15	02 36	...	...	...	15 08	12 06	03 06	04 12	04 08	—	07 13	07 12	08 14	08 08	04 15	05 23	03 35	—	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	33 37	34 08	09 05	26 03	09 05	12 07	...	...	...	02 07	01 09	36 13	...	...	...	35 07	35 10	09 10	09 07	07 07	12 09	13 03	...
Peshawar ...	...	20 05	27 05	05 06	...	...	...	...	...	...	35 04	11 09	16 03	23 05	25 07	...	01 06	01 05	36 02	33 05	20 07	...	...	...	...	...
Quetta ...	...	...	...	...	17 09	29 06	...	...	...	...	...	...	...	22 04	27 03	...	...	...	...	26 22	01 04	14 06	20 20	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	27 08	28 05	02 03	15 06	14 04	12 02	...	...	...	xx xx	14 06	06 03	07 08	11 06	08 06	12 02	10 09	09 14	08 18	08 19	10 17	11 10	12 08	12 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	16.2	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 ...	36 10	04 15	05 18	06 22	06 27	05 25	08 24	06 21	11 15	14 13	11 19	10 20	09 30	13 23	14 22	11 25	11 30	10 51
Peshawar ...	MISDV	...	—	...	—	...	...	...	...	...	...	...	—	...	—	...	—	...
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.

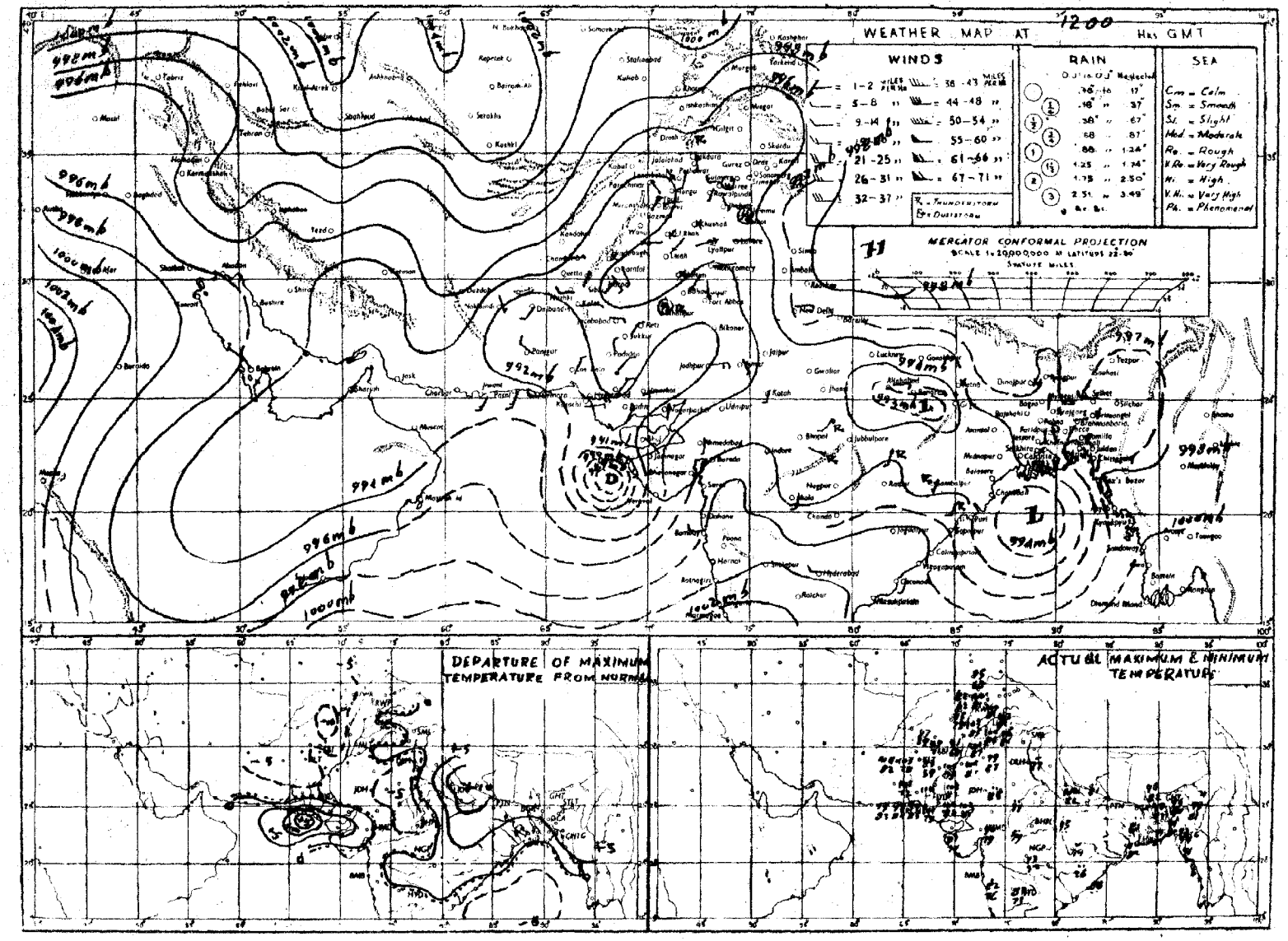
Cloud observation Data (GGiii Cdd V_rV_r etc.)

05 661 31 312
35 530 32 312 03 309

Theaccuracy of individul 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

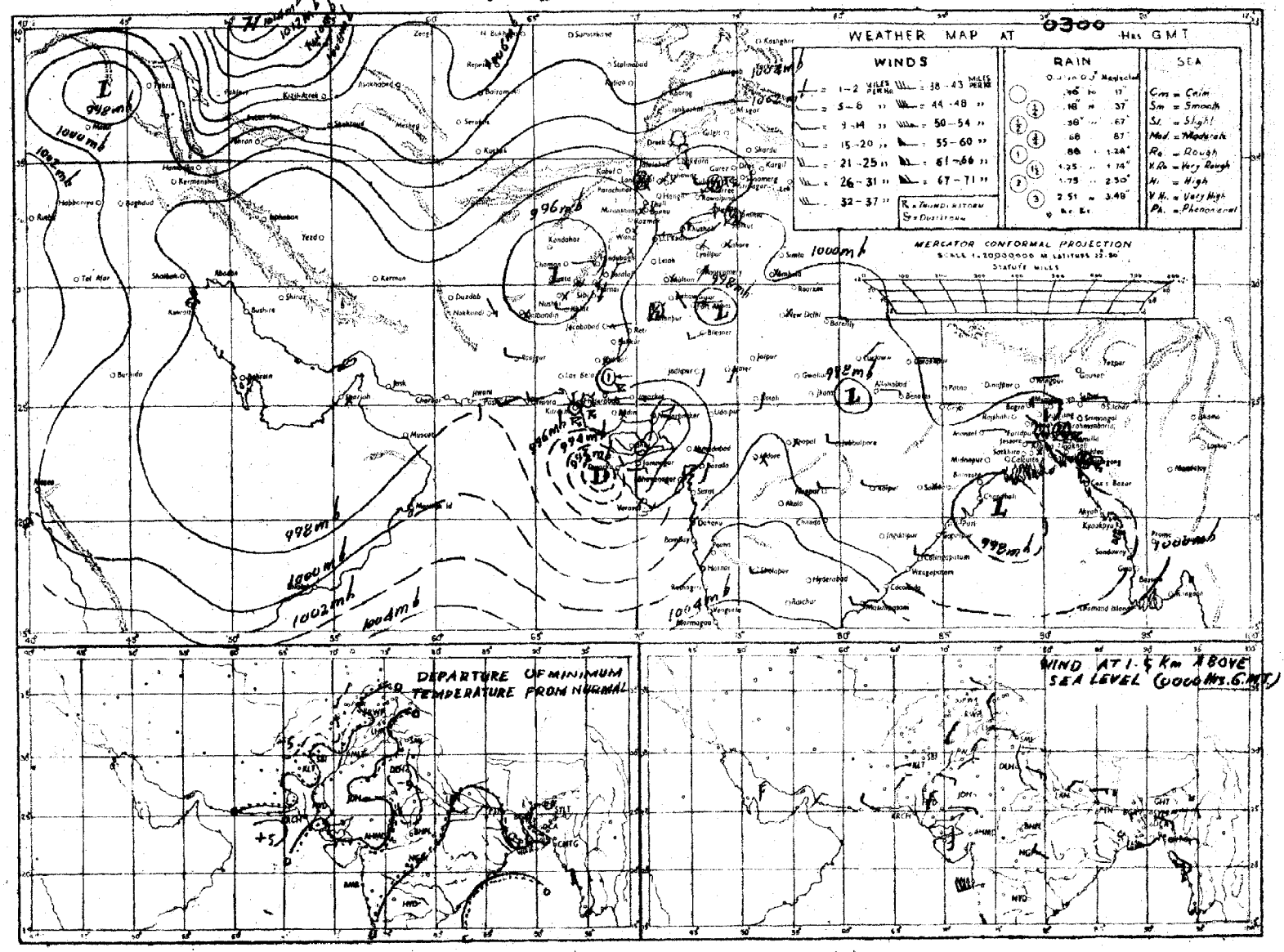
MONDAY 9th JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 10th JULY, 1962.



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

Monthly Subscription
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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

WEDNESDAY THE 11th JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's deep depression weakened into a depression last evening and was centered at 10,1200 GMT within one degree of latitude 22 °N and longitude 67½ °E. Ship's observations and from coast are lacking but believe it has weakened further and lies as a low over Kutch and adjoining areas. It has caused scattered rain/thundershowers in Karachi and Khairpur divisions.

The westerly low pressure wave to the north of Afghanistan is now moving across Peshawar division and Kashmir. Its associated trough extends southwards to Multan division.

Local rain/thundershowers have occured in Quetta division and scattered dust/thunderstorms in Peshawar division.

Available observations indicate that yesterday's low pressure area over the north Bay of Bengal has developed into a depression with its centre at 11/0300 GMT within one degree of latitude 19 °N and longitude 86½ °E. It is likely to deepen and move in a westerly direction. In its association rain/thundershowers have been fairly widespread in Dacca division and local in Chittagong and Rajshahi divisions.

Chief amounts of rainfall are :—Rangamati 2"; Srimangal 1" and Narayanganj, Loralai and Harnai 1/4" each.

Day temperatures were 3—6 °F (2—3 °C) above normal in East Pakistan and in Rawalpindi, Lahore, Sargodha, Multan and Hyderabad divisions and were 5—7 °F (3—4 °C) below normal in Quetta division.

Forecast valid until the evening of 12th July, 1962:—Rain/thundershowers will be local in Rawalpindi and Peshawar divisions and in Kashmir and scattered in East Pakistan. A few dust/thunderstorms are also likely to occur elsewhere over West Pakistan outside Karachi and Kalat divisions.

Earthquake Report :—An earthquake of moderate intensity was recorded at Quetta at 060 428 West Pakistan Standard Time today 11th July, 1962. The epicentre lies at distance of about 130 miles northwest of Quetta in Southern Afghanistan.

Karachi-11
The 11th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
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 °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)	Departure from Normal of Minimum Temperature (TnTn)	Rainfall: Since 1st June 1962 to date	Departure from normal	Since 1st January, 1962 to date	Annual Normal
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	—	000	0	8	13	25	97	03	2	957	86	5	8	5	7	8	74	92	000	0	6	13	05	97	03	2	999	86	5	8	5	7	0	74	79	+ 6	+ 2	45.8	+ 2.0	56.5	142
	Cox's Bazar	—	000	0	7	33	05	97	03	2	967	89	6	9	5	4	0	81	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6					108
	Chittagong	—	000	0	5	27	02	97	03	1	967	90	2	4	5	0	7	80	92	000	0	2	13	05	97	01	0	008	86	1	2	5	0	0	75	80	+ 6	+ 2	—	—	—	115
	Maijdee Court	—	000	0	8	00	00	96	02	2	943	90	8	4	5	x	x	82	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6					94
	Comilla	—	000	8	27	03	97	03	1	967	90	2	4	5	0	7	00	91																								78
	Brahmanbaria	—	000	0	5	27	05	96	03	2	960	88	4	2	6	0	1	81	95	010	7	3	00	00	96	01	0	004	89	3	4	6	7	1	80	80	—		40.4	—	62.5	—
	Sylhet	—	000	0	2	00	00	96	03	0	956	85	2	8	4	0	0	81	93	120	0	0	00	00	96	00	0	011	88	0	0	9	0	0	79	76	+ 3	0	—	—	—	98
	Srimangal	—																																								
Dacca	Mymensingh	—	000	0	6	00	00	97	02	1	975	90	6	4	4	0	0	79	94	017	7	2	13	05	98	01	9	012	87	2	4	4	0	0	77	75	+ 7	— 3	22.3	— 1.4	37.3	91
	Narayanganj	—	000	9	5	23	02	94	02	2	965	90	4	4	3	0	0	79	93	023	7	4	13	07	97	02	2	000	88	4	4	2	0	0	78	81	+ 5	+ 2	—	—	—	74
	Dacca (Tejgaon)	—	000	8	5	00	20	97	05	2	962	89	5	8	5	0	0	79	91	000	9	6	13	09	98	02	9	998	86	6	5	4	0	1	76	81	—	—	9.0	—	23.9	—
	Faridpur	—	000	0	2	16	03	96	01	1	962	90	2	3	6	0	0	80	93	000	0	7	16	05	97	03	2	990	86	6	5	6	1	0	79	81	+ 5	+ 3	8.4	— 0.9	21.7	71
Rajshahi	Barisal	—	000	0	6	18	02	96	02	2	964	90	6	7	6	0	0	77	91	000	0	6	09	02	97	02	5	995	87	7	6	6	0	0	79	81	+ 3	+ 2	14.6	— 6.2	27.5	81
	Khulna	—	000	0	0	00	00	97	00	0	968	87	0	0	9	0	0	78	91	000	0	6	13	03	97	01	2	992	87	6	5	6	0	0	80	81	+ 3	+ 3	15.2	— 2.5	27.9	68
	Satkhira	—	000	0	3	00	00	97	01	2	978	89	2	4	8	3	0	78	92	000	0	7	13	03	97	03	2	994	86	4	4	4	2	0	80	81	+ 3	+ 3	15.5	— 1.7	23.1	65
	Jessore	—	000	0	4	16	03	97	02	2	966	88	4	4	6	0	0	73	89	001	0	7	09	07	97	02	2	991	85	5	5	6	0	0	79	80	—	—	7.6	— 8.9	17.8	65
	Pabna	—	000	0	5	12	05	99	01	2	961	91	3	2	7	0	3	81	93	000	0	5	13	05	99	03	2	996	88	3	2	7	0	4	79	81	—	—	14.8	—	33.3	59
	Sirajganj	—	000	0	7	00	00	97	03	1	965	88	7	0	9	0	4	80	xx	010	6	7	13	02	97	02	2	001	86	7	0	9	4	0	79	81	x	— 3	7.9	— 8.9	23.8	64
	Bogra	—	000	0	5	00	00	96	03	2	966	90	2	3	6	2	8	78	93	006	3	4	13	02	96	01	9	004	89	3	5	5	2	0	81	78	+ 4	— 1	12.9	— 5.5	25.3	69
	Dinajpur	—	000	0	4	00	00	96	02	2	961	90	4	0	9	2	0	82	96	000	9	6	09	02	97	02	5	995	87	7	6	6	0	0	7	81	+ 7	+ 3	—	—	—	72
	Rangpur	—	000	0	4	00	00	96	01	2	970	90	4	0	9	1	0	82	95	000	0	1	13	02	96	01	0	003	90	1	0	9	1	0	82	83	+ 1	— 6	23.3	— 1.6	27.5	84
Kashmir	Jammu	—																																								—
Lahore	Lahore (Jail Rd.)	—	000	0	3	00	00	96	02	0	936	02	3	2	7	3	0	72	03	000	9	3	13	02	96	01	1	962	93	3	0	9	7	0	76	80	+ 2	+ 8	0	— 3.5	6.4	19
	Sialkot	—	000	0	1	00	00	98	02	1	939	02	1	2	6	x	x	78	04	000	0	0	00	00	97	00	0	961	93	0	0	9	0	0	78	86	+ 5	+ 6	4.1	— 2.3	8.5	12
Rawalpindi	Jhelum	—	000	0	2	13	02	98	04	0	932	05	1	1	7	3	0	64	05	000	0	1	13	03	97	02	0	954	96	1	0	9	3	0	73	86	—	—	3.3	—	9.4	
	Rawalpindi	—	000	0	1	27	03	98	01	1	927	01	1	0	9	4	0	63	02	000	0	4	09	03	98	02	2	963	94	4	0	9	2	0	7.	84	+ 3	+ 7	2.0	— 2.5	8.6	36
	Campbellpur	—	000	0	1	00	00	97	01	2	953	02	1	0	9	0	0	65	04	030	0	6	00	00	97	02	1	940	93	1	1	8	2	2	69	xx	—	—	—	—	—	
Sargodha	Khushab	—	000	0	0	27	05	98	00	0	939	06	0	0	9	0	0	96	07	000	0	0	00	00	98	05	0	947	00	0	0	9	0	0	87	89	+ 5	+ 7	0.1	— 2.4	5.1	15
	Lyallpur	—	000	0	5	00	00	97	02	0	932	03	5	0	9	4	0	72	03	000	0	5	00	00	96	02	0	962	93	5	0	9	4	0	79	80	0	+ 8	0.5	— 1.8	4.3	12
Multan	Montgomery	—	000	0	0	00	00	96	02	1	931	02	1	1	7	0	0	71	03	000	0	2	00	00	96	02	1	959	93	2	0	9	4	0	77	83	— 1	— 1	0.8	— 1.3	3.3	10
	Multan	—	000	0	1	09	03	97	01	0	934	04	1	1	6	0	0	71	06	000	0	2	00	00	97	01	1	944	98	0	0	9	0	1	75	91	+ 3	+ 6	0.3	— 0.9	2.0	7
	Leiah	—	000	0	0	34	04	97	00	0	931	10	0	0	9	0	0	77	18	000	0	0	13	02	97	00	0	946	96	0	0	9	0	0	76	85	—	—	—	—	—	8
Bahawalpur	Khanpur	—	000	0	7	03	07	96	03	2	927	04	3	5	6	0	2	68	06	000	0	2	25	03	96	01	2	953	93	0	0	9	0	4	77	85	— 1	+ 2	0.7	— 0.5	1.7	6
	Bahawalpur	—	000	0	3	31	12	98	00	0	935	05	3	0	9	0	0	73	05	000	0	0	00	00	98	00	0	958	95	0	0	9	0	0	78	82	0	— 2	1.3	+ 0.3	3.1	6
	Fort Abbas	—	000	0	0	09	02	98	00	0	927	03	0	0	9	0	0	73	04	000	0	0	18	02	98	00	0	963	93	0	0	9	0	0	72	86	—	—	—	—	—	8
Peshawar	Chakdara	—	000	0	0	36	02	97	00	0	905	95	0	0	9	0	0	69	97	000	0	4	09	02	97	03	0	952	85	4	0	9	3	0	71	76	—	—	—	—	—	—
	Peshawar	—	000	0	5	09	03	96	05	1	926	01	5	0	9	3	1	65	02	000	0	3	36	03	97	01	1	960	88	2	0	9	3	1	68	85	— 1	+ 5	0.1	— 0.5	6.7	11
	Haripur	—	000	0	8	23	02	97	00	0	924	02	0	0	9	0	0	67	03	000	4	5	09	03	96	03	2	955	89	5	0	9	3	0	70	80	—	—	1.5	—	8.2	—
D. I. Khan	Bannu	—	000	0	0	00	00	99	03	1	935	02	0	0	9	7	0	68	02	000	0	5	00	00	99	03	2	950	86	0	0	9	7	0	72	84	—	—	0.6	—	3.6	11
	D. I. Khan	—	000	0	0	00	00	98	02	0	935	04	0	0	9	0	0	71	06	000	0	0	00	00	98	00	0	949	93	0	0	9	0	0	81	66	+ 2	+ 3	0	— 1.4	2.9	9
Quetta	Sibi	—	000	9	7	05	09	96	07	0	941	06	0	1	9	4	2	65	12	000	9	7	05	02	97	03	1	951	95	0	1	9	4	2	72	93	—	—	0	—	1.1	5
Kalat	Nokkundi	—	000	0	0	31	05	98	02	0	929	05	0	0	9	0	0	35	08	000	0	0	34	09	97	02	0	963	88	0	0	9	0	0	46	83	—	—	0	—	0.1	2
	Turbat	—	000	0	0	27	02	96	06	0	915	12	0	0	9	0	0	xx	16	000	0	0	23	01	97	06	0	981	71	0	0	9	0	0	xx	xx	—	—	0	—	2.7	—
	Jiwani	—	000	0	5	18	14	96	03	1	962	89	5	0	9	3	0	83	93	000	0	7	18	03	96	02	2	976	85	7	0	9	3	0	79	82	—	—	0	—	0.7	5
	Pasni	—	000	0	6	20	23	95	07	1	952	89	0	0	9	4	3	82	91	000	0	6	25	07	95	03	1	964	86	0	0	9	4	3	81	83	— 1	+ 5	0	— 0.4	0.3	6
Hyderabad Division	Ormara	—	000	0	8	27	05	92	05	2	968	91	8	1	6	0	0	77	92	000	0	8	27	10	94	05	4	952	85	8	1	6	1	0	81	83	—	—	0	— 0.1	1.0	6
	Lasbela	—																																								8
	Karachi (Manora)	—	009	2	6	00	03	97	03	9	949	67	0	0	9	7	0	79	94	019	9	0	00	03	94	10	9	954	84	0	0	9	0	0	83	82	+ 3	+ 1	1.5	+ 0.1	1.5	—
	Karachi (Airport)	—	003	2	7	27	07	97	20	5	945	89	3	2	6	3	0	81	00	001	9	3	03	00	96	01	5	958	86	0	0	9	0	2	81	82	—	—	0.9	—	0.9	—
Hyderabad	Nagarparkar	—	000	0	4	13	03	97	00	0	916	95	0	4	7	0	0	73	96	000	0	3	13	02	97	00	0	950	84	0	0	7	0	0	77	69	—	—	0	—	0	—
	Umerkot	—	000	0	2	11	02	98	02	0	931	02	1	2	7	0	0	66	03	000	0	8	11	03	97	02	0	959	88	5	2	7	0	0	81	85	—	—	0.3	—	0.5	7
	Hyderabad	—	000	0	1	09	02	97	01	0	935	01	1	4	6	0	0	75	02	000	0	2	13	02	97	02	0	959	89	0	0	9	0	0	77	86	+ 2	+ 5	0.4	— 0.8	1.2	9
	Badin	—	000	0	0	08	02	97	00	0	949	02	0	0	9	0	0	73	05	000	0	0	00	00	97	00	0	963	91	0	0	9	0	0	80	83	+ 9	+ 2	0.5	— 1.0	1.1	
Khairpur	Padidan	—	000	0	8	13	05	98	03	1	943	92	5	3	6	2	x	75	05	000	0	4	13	05	97	03	1	959	90	0	0	9	0	4	77	85	—	—	0.3	—	0.9	—
	Nawabshah	—	000	0	8	09	03	96	17	1	952	91	4	3	5	1	5	76	01	000	0	7	13	03	96	02	2	971	88	0	0	9	0	6	77	84	—	—	1.2	—	1.6	4
	Sukkur	—	000	8	13	03	96	03	1	926	06	6	0	9	8	0	0	71	07	000	9	4	20	03	97	03	3	956	92	0	0	9	0	8	78	88	—	—	0	—	0	—
	Kashmore	—	000	0	0	03	03	99	00	0	972	xx	0	0	9	0	0	67	xx	030	0	0	00	00	99	00	0	992	99	0	0	9	0	0	81	82	—	—	0	—	0	—
	Jacobabad	—	000	0	6	05	05	96	02	2	929	09	5	3	9	0	2	xx	10	000	0	0	00	00	97	02	0	949	96	0	0	9	-	0	83	91	0	+ 6	0	— 0.5	0.9	4
Bahawalpur	Veraval	—																																								20
Baluchistan	Jiaiatad	—																																								
Kalat Division	Muscat	—																																								4
	Kuwait	—																																								5
	HILL STATIONS																																									
Kashmir	Srinagar	—	xxx	x	2	35	04	98	01	0	387	91	2	1	6	0	0	43	xx	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	×					26
	Gulmarg	—																																								71
	Sonamarg	—																																								26
	Dras	—																																								3
	Leh	—	xxx	x	3	18	06	97	01	1	029	72	4	3	6	6	0	27	75	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Skardu	—																																								6
	Gilgar	—																																								—
	Aliabad	—																																								—
	Gilgit	—																																								5
Rawalpindi	Murree	—	000	9	6	27	02	97	01	1	408	76	5	1	8	7	6	58	79	000	9	6	00	00	98	02	1	423	70	0	0	9	5	0	55	62	+ 4	+ 3	4.8	— 3.7	22.5	59
Peshawar	Drosh	—	000	5	1	23	03	99	03	9	392	95	0	1	7	0	0	45	xx	000	3	4	00	00	98	29	9	434	81	2	2	7	6	0	52	74	×	+ 1	0.9	—	12.9	18
	Chitral	—	000	0	3	23	07	98	03	0	382	91	8	6	6	0	0	61	93	000	0	0	05	03	98	00	2	394	82	0	0	9	0	0	67	55	+ 3	— 16	1.6	— 0.6	25.8	29
	Kakul	—	000	8	2	23	03	97	02	1	406	90	2	3	7	0	0	64	94	000	9	7	27	02	97	08	3	442	xx	2	4	6	3	0	66	76	—	—	1.6	—	17.2	—
	Bandikotal	—	000	0	3	13	03	97	03	1	396	93	3	0	9	2	0	73	97	000	0	3	23	02	97	01	1	409	86	3	0	9	3	0	67	77	—	—	0.5	—	12.2	—
	Parachinar	—	000	0	6	13	02	99	03	2	391	84	6	1	9	1	0	63	85	000	0	3	00	00	99	01	2	424	73	3	0	9	1	0	63	65	— 3	— 1	3.3	+ 1.9	16.9	29
Quetta	Miranshah	—	000	0	6	05	05	98	03	2	401	91	6	4	8	0	0	73	92	000	0	4	05	09	9	01	1	433	83	4	4	8	0	0	61	x	—	—	0.1	— 1.3	1.9	13
	Wana	—	000	0	0	00	00	99	01	1	505	84	4	1	0	0	0	35	91	000	0	0	00	00	98	00	0	509	77	0	0	9	0	0	66	70	—	—	—	—	—	11
	Fort Sandeman	—	000	0	5	16	01	99	03	0	420	86	2	5	6	3	0	65	94	000	0	0	00	00	99	01	0	429	81	0	0	9	0	0	64	77	— 7	+ 2	2.5	+ 1.1	7.2	7
	Hindubagh	—	000	0	0	00	00	97	00	0	402	77	0	0	8	0	0	59	81	000	5	3	31	02	97	00	0	419	74	0	0	8	0	0	68	65	—	—	0.8	—	4.6	9
	Loralai	—	024	0	7	31	05	98	01	0	404	78	0	4	8	1	2	63	89	024	0	0	27	02	99	00	0	418	78	0	0	9	0	0	66	68	—	—	0.1	—	4.3	14
	Harnai	—	000	3	6	31	05	97	03	2	xxx	88	8	2	5	0	0	63	97	028	0	2	36	02	97	03	0	xxx	86	2	1	5	0	0	57	73	—	—	0.9	— 0.5	4.1	9
	Quetta	—	000	3	8	23	03	94	02	9	419	72	8	8	5	0	0	63	78	000	9	7	00	00	96	03	6	409	80	0	0	9	0	0	65	67	—	—	0	— 0.2	4.2	8
	Chaman	—	000	0	6	21	07	98	02	1	397	96	6	0	9	2	0	46	97	000	0	6	08	05	98	02	1	417	84	6	0	9	2	0	45	75	— 5	— 0	0	— 0	1.3	
	Nushki	—	000	9	6	23	05	97	03	1	428	02	6	0	9	6	0	59	04	000	0	0	31	02	98	02	0	451	87	0	0	9	0	0	54	85	—	—	0	—	1.6	4
	Dalbandin	—	000	8	2	13	05	95	05	0	409	05	3	0	9	4	0	35	07	000	9	0	23	02	95	05	1	410	86	0	0	9	0	0	37	79	— 2	+ 1	0	0	1.1	7
Kalat	Kalat	—	000	0	0	09	05	98	03	1	439	79	x	x	8	x	x	55	85	000	8	0	18	03	98	03	2	414	73	x	0	8	x	1	59	62	— 6	—	0.1	— 0.3	2.1	7
	Panjgur	—	000	0	5	34	04	97	03	0	405	01	0	0	9	0	0	55	04	000	0	1	31	02	97	01	0	411	85	0	0	9	0	1	46	78	+ 1	+ 1	0	—	1.8	5
Afghanistan	Kabul	—																																								12
	Kandhar	—																																								

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 11th JULY, 1962.

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 $N_ch_ch_c$	$OT_sT_sT_dT_d$	$Id_ed_eP_eH_e$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Gilir Park	— — —	33 227	678 00	7 01 13	97 03 8	939 07	47 4 96	74 2 20	—	00 4 77	10 1 26
Gilir Park	— — —	33 336	670 06	7 02 13	98 01 2	970 07	31 4 10	76 2 10	—	00 6 00	10 2 20
Asia	— — —	33 139	497 06	0 12 27	97 07 1	021 06	xx 9 xx	17 2 09	—	06 1 70	12 3 xx
Alhamra	— — —	33 851	728 06	8 23 13	97 03 2	045 05	59 3 07	23 0 16	—	00 3 80	12 5 69
Alhamra	— — —	33 136	739 12	8 23 13	97 03 2	046 03	47 3 07	33 4 10	—	00 1 79	12 5 70
Amirarbuksh	— — —	33 175	507 12	1 20 17	98 01 1	092 xx	11 2 10	65 8 29	—	00 2 73	11 9 33
Chakrata	— — —	33 247	747 18	8 26 09	97 05 2	977 04	07 4 xx	65 2 14	—	05 2 81	12 5 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTTTdTdTd	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	—	—	—	—	—	—	—	—	—	—	—	—
Sunni	—													
Karachi	00 00	992 288 272	547 xxx xxx	—	138 225 185	—	304 125 065	432 052 008	579 528 562	753 620 999	968 755	259 960	—	—
Lahore	00 00	992 278 238	MISDA	—	—	—	—	—	—	—	—	—	—	—
Multan	—													
Peshawar	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—	—
Quetta	—													

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTTdTdTd								Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra	—												
Chittagong	—												
Dacca	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—
Sunni	—												
Karachi	00 00	900 265 212	800 192 145	—	—	—	—	—	—	—	800 192 145	—	—
Lahore	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—
Multan	—												
Peshawar	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—
Quetta	—												

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 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	08 01	08 03	10 06	11 12	—	—	—	—	—	14 14	—	—	—	—	—	12 10	14 18	14 22	—	—	—	—	—	—	—	—
Chaklala	—	26 08	28 06	29 02	01 03	02 07	30 01	29 09	—	—	—	—	—	—	—	—	14 05	12 03	07 01	33 05	32 08	24 11	24 23	—	—	—
Chhor	11 16	07 10	07 10	06 11	06 13	09 17	06 14	10 10	11 13	13 11	13 12	09 14	07 13	06 17	05 21	14 10	13 07	10 09	13 16	10 15	09 19	08 17	07 18	09 11	11 10	—
Chittagong	22 08	22 10	20 08	—	—	—	—	—	—	14 10	13 13	16 17	18 23	—	—	13 13	14 17	14 14	16 26	15 25	13 26	—	—	—	—	—
Cox's Bazar	16 19	14 10	14 19	—	—	—	—	—	—	16 04	19 07	15 28	15 27	—	—	14 24	14 24	14 30	—	—	—	—	—	—	—	—
Dacca	—	—	—	—	—	—	—	—	—	13 12	14 21	14 21	xx xx	xx xx	10 15	12 09	12 13	13 20	13 31	13 31	12 26	12 33	12 35	12 33	14 31	19 20
Dalbandin	—	—	03 08	11 02	11 09	34 01	23 04	—	—	—	—	03 09	05 08	04 09	18 05	—	—	08 01	03 05	04 06	03 07	08 04	27 05	19 13	25 17	—
D. I. Khan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	24 12	34 15	24 13	21 09	09 07	—	—	—	21 03	24 03	33 03	—	—	—	—	—	—	—	—	—	—	—
Fort Sandeman	—	—	—	—	—	—	—	—	—	—	—	—	04 04	33 06	25 04	—	—	—	—	—	—	—	—	—	—	—
Jacobabad	07 06	08 08	08 09	09 11	09 07	—	—	—	—	23 08	19 05	31 03	36 05	34 10	03 12	20 07	16 08	15 06	09 01	08 06	34 13	32 13	25 09	24 13	20 11	28 11
Jiacore	12 09	12 15	13 18	11 12	—	—	—	—	—	12 17	12 27	13 27	—	—	—	09 11	11 18	12 24	15 02	02 03	03 07	01 08	05 12	09 09	18 04	—
Kalam	13 03	15 02	32 06	33 05	35 04	04 02	01 06	—	—	14 13	17 12	22 10	23 09	27 03	32 04	15 04	15 05	15 07	03 03	28 07	33 08	29 09	25 12	26 29	—	—
Kurai	20 13	22 07	15 04	04 04	04 05	02 07	01 10	08 07	—	14 04	02 01	23 03	23 05	32 08	02 10	—	—	—	—	—	—	—	—	—	—	—
Karachi	31 06	14 02	10 12	06 21	06 29	07 29	09 21	—	—	—	—	—	—	—	—	26 07	30 03	05 02	04 08	05 15	05 03	06 30	06 22	09 11	07 13	09 28
Khanpur	03 06	02 06	36 04	04 06	—	—	—	—	—	33 08	33 11	34 13	35 17	02 08	05 04	—	—	—	—	—	—	—	—	—	—	—
Lahore	36 33	05 03	08 01	12 04	09 03	11 04	06 03	34 05	—	15 05	16 12	16 08	14 05	03 03	03 10	09 02	10 04	10 06	02 06	01 06	01 05	34 07	27 19	—	—	—
Multan	09 10	08 12	08 13	07 19	06 13	04 19	04 33	—	—	10 06	17 06	16 03	34 01	—	—	—	—	—	—	—	—	—	—	—	—	—
Muscat	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	36 12	34 10	34 06	01 04	08 03	05 07	—	—	—	25 08	33 16	33 14	—	—	—	35 12	35 17	03 05	09 02	34 03	25 02	02 06	10 10
Peshawar	—	06 15	18 08	18 09	20 05	30 02	33 08	33 17	—	—	—	—	—	—	—	—	04 08	04 07	03 07	06 04	30 12	26 13	—	—	—	—
Quetta	—	—	—	—	15 07	09 01	—	—	—	—	—	—	—	16 05	15 08	—	—	—	—	35 04	36 19	33 09	11 01	19 18	25 19	29 15
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sukkur	30 09	33 08	02 01	12 11	12 16	10 11	11 05	—	—	13 10	13 04	25 08	11 05	11 07	12 12	25 03	17 01	10 01	—	—	—	—	—	—	—	—
Yarkand	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

†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	16.2	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	33 11	16 12	38 13	04 22	04 24	04 19	06 12	06 13	10 17	12 17	12 21	11 11	—	—	—	—	—	—
Peshawar	MISDA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Quetta	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

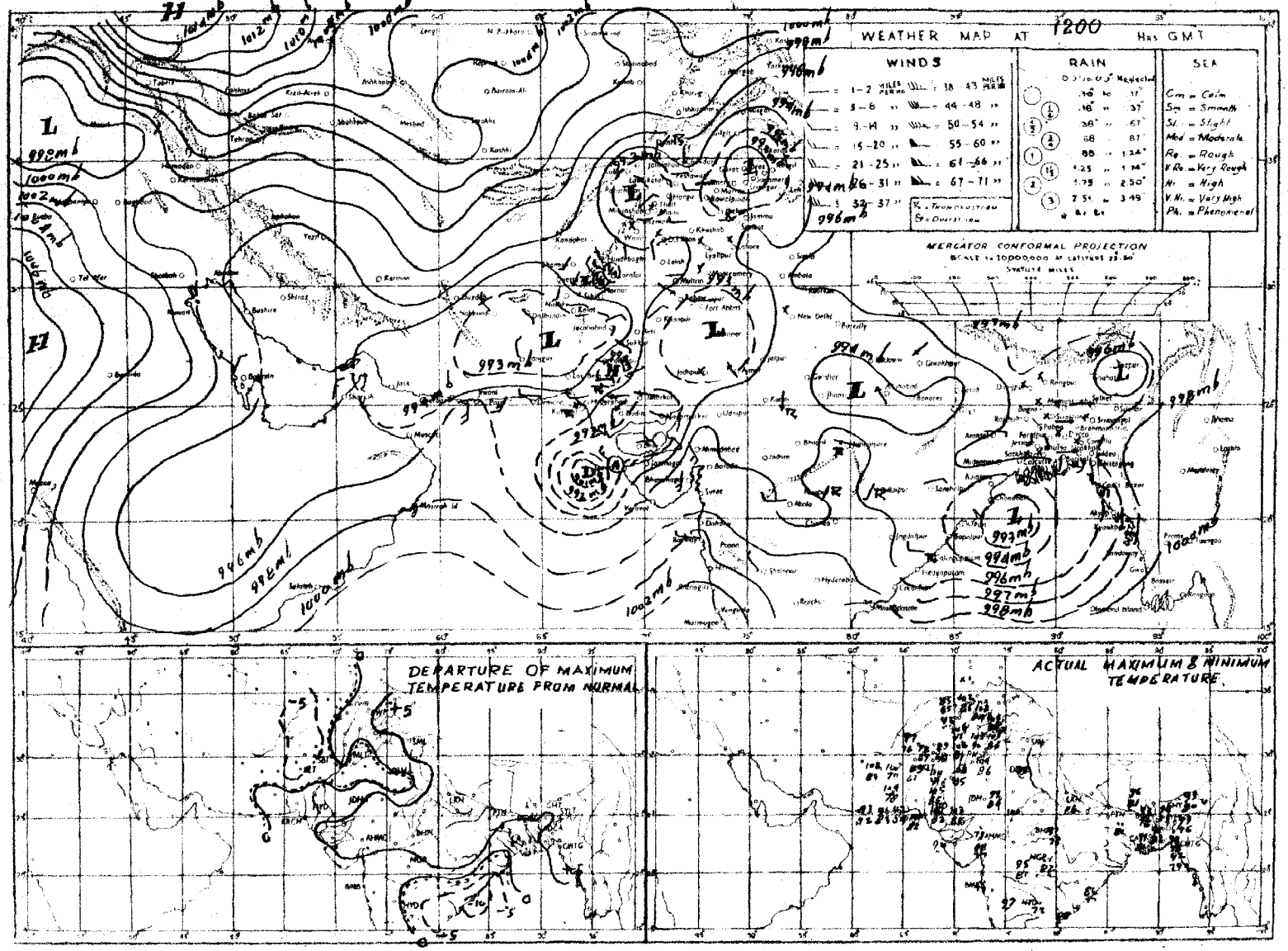
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_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

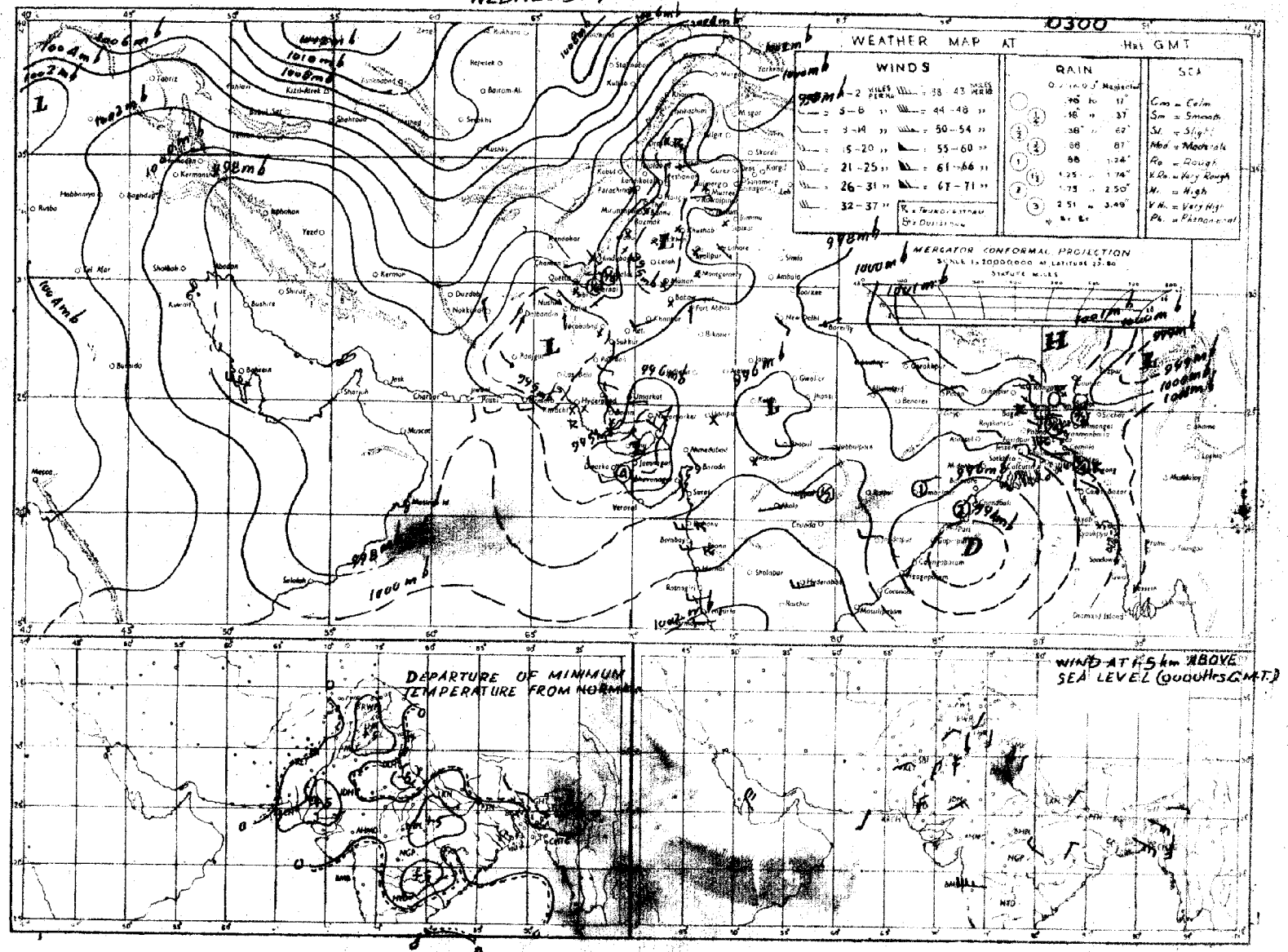
TUESDAY 10th JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 11th JULY 1962.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

THURSDAY THE 12th JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's depression in the Bay of Bengal moved westwards and was centred last evening at 11/1200 GMT about 30 miles east of Gopalpur. Observations are lacking but believe it crossed the coast last night and is centred at 12,0300 GMT about 100 miles west of Gopalpur. It is likely continue move in a westerly direction.

Fairly widespread rain has occurred in Khulna division. Scattered rain/thundershowers have also occurred in Chittagong and Dacca divisions.

Yesterday's low over Kutch and adjoining areas has become well marked. It has caused local rain/thundershowers in Karachi division and scattered in Hyderabad division.

The westerly low pressure wave over Peshawar division has moved away eastwards. Another is moving across Peshawar division and neighbourhood. Under their combined influence rain/thundershowers have been fairly widespread in Lahore and Rawalpindi divisions, local in Peshawar division and scattered in Bahawalpur division. Scattered thunderstorms have also been reported from Quetta division.

Chief amounts of rainfall are :—Lahore 2"; Rawalpindi and Haripur 1" each; Khulna, Fortabbas, Karachi (Airport) and Badin 1/2" each and Sialkot, Jhelum, Murree, Kakul and Parachinar 1/4" each.

Day temperatures were 7—10 °F (4—6 °C) above normal in Rawalpindi, Lahore, Sargodha and Multan divisions and were 3—7 °F (2—4 °C) so elsewhere over the country outside Quetta and Kalat divisions.

Forecast valid until the evening of 13th July, 1962:—Rain/thundershowers will be fairly widespread in Lahore and Rawalpindi divisions, local in Quetta, Peshawar, Sargodha, Multan, Karachi, Hyderabad and Khulna divisions and in Kashmir and scattered elsewhere over the country outside Kalat division.

Heavy Rainfall warning :—Locally moderately heavy to heavy rain is likely to fall over Karachi and Hyderabad divisions during next 48 hours.

Karachi-11
The 12th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	000	3	7	18	05	97	17	9	987	87	5	7	4	2	1	79	95
	Cox's Bazar	011	6	7	13	09	97	21	6	975	83	4	4	5	4	6	78	69
	Chittagong	000	0	6	16	14	97	03	2	980	84	4	6	6	0	0	77	93
	Maijdee Court	000	9	8	18	09	96	03	1	976	85	5	6	5	2	0	77	91
	Comilla	002	1	8	18	05	96	02	6	955	88	8	4	4	x	x	81	94
	Brahmanbaria	000	0	6	00	00	97	03	1	977	89	6	4	5	0	0	81	92
	Sylhet	000	0	5	27	05	96	03	1	952	89	4	3	6	0	1	81	89
	Srimangal	000	0	0	00	00	96	00	0	972	90	0	0	9	0	0	82	94
Dacca	Mymensingh	000	0	4	00	00	98	01	1	978	90	0	0	9	0	4	80	93
	Narayanganj	000	9	6	13	02	96	02	1	973	88	3	4	3	0	8	79	92
	Dacca (Tezgaon)	000	0	7	13	02	97	02	1	971	88	2	5	6	0	1	78	91
	Faridpur	000	0	4	16	25	96	02	1	973	86	3	4	6	0	8	82	90
Khulna	Barisal	000	0	4	09	10	97	02	2	977	87	4	0	9	4	0	76	89
	Khulna	066	5	4	18	05	97	01	6	966	85	4	5	7	0	0	81	88
	Satkhira	017	5	5	00	00	97	03	6	967	85	2	4	6	2	0	80	90
	Jessore	003	6	4	18	03	97	02	6	966	86	4	4	6	0	0	81	87
Rajshahi	Pabna	000	0	7	13	09	99	08	2	964	89	4	8	7	0	2	79	91
	Sirajganj	000	0	8	00	00	98	02	2	968	89	8	0	9	0	4	81	92
	Bogra	000	0	7	00	00	96	03	2	971	89	3	4	5	0	1	81	92
	Dinajpur	000	0	3	00	00	96	02	2	955	92	3	0	9	4	0	91	95
	Rangpur	000	0	5	13	02	96	03	1	978	86	5	0	9	2	0	77	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	13	05	97	01	1	911	03	1	1	7	3	0	72	07
	Sialkot	000	0	5	23	05	97	03	0	903	01	5	4	6	1	1	78	08
Rawalpindi	Jhelum	000	3	5	36	17	96	07	9	911	96	3	6	9	0	0	55	08
	Rawalpindi	000	0	1	09	05	96	00	0	913	94	1	8	6	0	0	70	05
	Campbellpur	000	0	3	00	00	97	01	2	867	07	1	2	8	2	2	69	07
Sargodha	Khushab	000	0	4	13	10	96	89	1	899	05	0	3	9	0	0	99	xx
	Lyallpur	000	0	5	07	02	97	03	0	905	09	5	0	9	4	0	70	09
Multan	Montgomery	000	0	0	00	00	96	00	0	900	08	0	0	9	0	0	77	09
	Multan	000	0	7	23	05	96	07	2	902	01	2	3	6	3	0	67	11
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	Khanpur	000	0	2	27	02	96	00	0	896	09	2	2	6	0	0	67	11
	Bahawalpur	000	0	1	31	02	97	00	0	xxx	09	2	0	9	0	0	67	11
	Fort Abbas	000	0	0	27	02	98	00	8	895	10	0	0	9	0	0	70	10
Peshawar	Chakdara	000	0	6	36	02	97	00	0	875	59	0	0	9	0	0	63	02
	Peshawar	000	0	5	23	14	96	02	2	195	04	7	9	6	3	1	43	07
	Haripur	000	0	6	13	02	96	05	0	887	05	0	0	9	0	0	68	06
D.I. Khan	Bannu	000	0	0	00	00	99	00	1	890	04	0	0	9	0	0	58	05
	D. I. Khan	000	0	0	00	00	98	00	0	197	05	0	0	9	0	0	99	08
Quetta	Sibi	000	9	1	18	02	97	06	0	962	13	0	0	9	1	2	47	15
Kalat	Nokkundi	000	0	0	34	13	97	02	0	896	36	0	0	9	0	0	24	07
	Turbat	000	0	0	23	07	96	06	0	907	12	0	0	9	0	0	xx	13
	Jiwani	000	0	5	23	12	96	01	1	930	90	5	0	9	3	0	81	93
	Pasni	000	8	6	25	22	95	07	2	924	89	0	0	9	4	3	81	91
Karachi Division	Ormara	000	0	8	00	00	96	05	4	919	89	6	1	6	0	1	82	92
	Lasbela																	
	Karachi (Manora)	000	0	6	27	14	96	03	2	926	90	0	0	9	0	0	83	97
	Karachi (Airport)	000	0	3	27	10	96	02	2	919	97	3	1	6	3	0	80	98
Hyderabad	Nagarparkar	000	0	2	13	02	97	00	0	903	99	0	2	7	0	0	81	00
	Umerkot	000	0	3	11	04	98	02	0	905	05	2	2	7	0	0	88	06
	Hyderabad	000	0	3	13	02	97	01	0	915	05	3	0	9	3	0	72	06
	Badin	000	0	0	00	00	97	00	0	922	06	0	0	9	0	0	75	09
Khairpur	Padidan																	
	Nawabshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sukkur	000	0	6	13	05	97	03	2	910	03	6	0	9	6	0	75	09
	Kashmore	000	0	0	00	00	99	00	0	960	xx	0	0	9	0	0	64	xx
	Jacobabad	000	0	3	13	03	97	02	0	903	09	3	2	7	0	0	76	12
Junagadh	Veraval	xxx	x	2	16	02	97	02	0	945	81	5	7	3	4	0	79	xx
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	7	00	00	96	03	2	391	81	7	3	5	0	0	57	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	2	00	00	98	01	1	026	56	2	5	8	0	0	56	91
	Aliabad *																	
	Gilgit *	000	0	4	13	05	98	01	0	006	82	0	0	9	7	0	37	76
Rawalpindi	Murree *	000	9	6	29	09	97	02	1	309	77	1	4	5	0	0	59	81
Peshawar	Drosh *	000	0	2	27	05	98	01	0	362	95	2	2	7	0	0	45	01
	Cherat *	000	0	8	13	05	98	03	0	364	93	8	6	6	0	0	75	96
	Kakul *	000	5	1	27	09	97	01	6	379	94	3	2	6	0	0	60	56
	Landikotal *	000	0	2	13	05	97	01	0	370	94	3	0	9	2	0	70	00
	Parachinar *	000	0	6	13	02	99	03	2	394	86	6	1	9	1	0	63	29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	378	99	6	0	9	0	0	63	00
	Wana *	000	0	8	10	00	98	20	1	513	86	8	6	8	0	0	59	95
Quetta	Fort Sandeman *	000	0	5	20	05	98	01	0	379	94	2	5	7	1	0	62	90
	Hindubagh *	000	0	7	13	02	97	00	0	374	92	0	0	9	0	6	45	94
	Loralai *	000	0	6	16	03	99	00	2	368	92	0	0	9	1	2	57	96
	Harnai *	000	0	3	13	05	97	00	0	xxx	00	0	0	9	0	0	56	01
	Quetta *	000	0	5	18	03	96	02	0	374	93	5	1	5	0	0	64	94
	Chaman *	000	0	5	27	05	98	02	1	371	96	5	0	9	4	0	43	97
	Nushki *	000	0	5	27	05	98	03	0	399	03	5	0	9	0	5	51	04
	Dalbandin *	000	2	1	13	02	96	03	0	391	06	1	0	9	3	0	48	09
Kalat	Kalat *	000	8	0	07	03	98	03	2	360	88	x	x	8	x	x	51	89
	Panjgur *	000	0	0	31	07	96	02	0	384	02	0	0	9	0	0	63	05
Afghanistan	Kabul *																	
	Kandhar *																	

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)
Rangamati	010	9	2	18	05	97	02	9	033	88	1	4	7	7	0	77	89
Cox's Bazar	011	0	7	13	05	97	03	2	018	86	4	8	5	5	0	76	78
Chittagong	000	0	7	13	07	97	02	1	022	86	2	4	6	1	0	76	79
Maijdee Court	000	9	6	13	05	96	03	2	024	86	2	1	5	2	x	77	80
Comilla	002	0	6	18	05	97	02	2	968	88	6	4	5	0	0	78	75
Brahmanbaria	000	0	6	18	03	97	03	1	028	86	6	4	5	0	0	79	79
Sylhet	002	8	7	31	02	56	02	6	032	86	7	8	5	1	0	76	80
Srimangal	000	0	0	00	00	96	00	0	030	86	0	0	9	0	0	80	82
Mymensingh	105	9	8	13	02	97	02	9	037	85	6	0	9	4	0	79	82
Narayanganj	000	9	4	16	12	97	02	2	020	86	4	4	2	0	0	78	83
Dacca (Tezgaon)	000	0	5	13	13	97	01	1	016	87	5	4	5	7	0	77	82
Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Barisal	000	0	6	08	05	97	02	2	006	87	6	5	9	4	0	79	82
Khulna	066	0	4	18	05	97	01	1	013	87	4	5	6	0	0	81	80
Satkhira	027	3	4	13	02	97	01	6	007	86	2	4	6	2	0	81	79
Jessore	014	9	6	09	09	97	03	6	007	86	6	5	6	0	0	79	79
Pabna	004	5	3	13	09	99	01	8	010	88	3	—	7	0	0	78	81
Sirajganj	000	0	8	31	02	97	02	2	020	85	8	4	5	0	0	79	82
Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dinajpur	000	9	5	00	00	96	02	2	014	87	5	0	9	2	0	80	81
Rangpur	000	0	6	11	02	96	03	1	023	91	6	0	9	1	0	79	82
Jammu																	
Lahore (Jail Rd.)	024	9	7	05	05	96	97	9	016	72	5	3	5	7	0	71	72
Sialkot	021	2	8	05	03	97	20	6	003	75	8	5	6	x	x	71	74
Jhelum	025	3	7	23	02	97	01	9	994	78	3	5	7	7	0	27	74
Rawalpindi	104	8	1	18	02	90	19	6	993	79	1	0	9	4	0	68	70
Campbellpur	000	0	1	13	07	98	01	1	987	83	1	1	8	0	0	66	81
Khushab	000	0	5	07	18	97	31	3	991	87	4	0	9	3	9	82	82
Lyallpur	000	0	5	07	03	94	05	4	998	92	5	0	9	4	0	79	84
Montgomery	000	0	4	05	02	96	02	0	979	89	4	0	9	4	0	76	97
Multan	000	0	3	36	05	96	07	1	957	92	3	0	9	3	0	76	90
Leiah	000	0	3	16	01	97	03	0	945	98	0	0	9	9	0	72	68
Khanpur	000	0	5	13	09	94	07	1	951	88	0	0	9	0	4	70	86
Bahawalpur	000	0	4	13	02	97	00	0	917	90	4	0	9	0	0	73	82
Fort Abbas	050	0	0	18	02	98	00	0	918	87	6	0	9	0	0	76	87
Chakdara	000	0	0	36	02	97	00	0	946	84	0	0	9	0	0	84	75
Peshawar	000	0	3	31	07	97	03	0	991	86	1	8	6	3	1	66	82
Haripur	096	8	4	31	05	97	01	6	982	85	4	0	9	0	5	71	74
Bannu	000	0	0	10	00	99	00	0	969	91	0	0	9	0	0	69	86
D. I. Khan	000	2	7	05	04	97	07	1	934	92	6	0	9	7	0	78	66
Sibi	000	2	2	05	02	97	06	0	940	99	0	0	9	0	0	71	94
Nokkundi	000	0	0	34	13	97	02	0	943	90	0	0	9	0	0	41	84
Turbat	000	0	0	27	01	96	05	0	947	91	0	0	9	0	0	xx	xx
Jiwani	000	0	6	00	00	96	01	2	950	86	6	6	4	0	0	79	82
Pasni	003	3	6	29	05	95	03	4	941	85	0	0	9	4	3	81	80
Ormara	000	9	5	27	07	93	05	4	943	85	5	1	5	0	1	82	83
Lasbela																	
Karachi (Manora)	000	9	6	00	00	96	03	9	943	84	0	0	9	0	9	77	81
Karachi (Airport)	042	9	5	27	02	96	02	9	946	86	3	0	9	3	1	83	82
Nagarparkar	000	0	6	13	02	97	00	0	938	86	0	6	7	0	0	76	82
Umerkot	000	0	8	07	01	97	02	0	948	89	8	9	7	0	0	82	85
Hyderabad	000	0	8	11	03	96	03	2	956	89	6	0	9	3	0	81	87
Badin	057	2	6	00	00	97	02	6	954	83	6	0	9	0	0	80	81
Padidan																	
Nawabshah	000	0	7	13	03	96	01	1	963	91	2	0	9	3	1	75	87
Sukkur	000	0	4	10	05	97	01	2	947	93	0	0	9	0	8	74	91
Kashmore	000	0	0	00	00	99	00	0	951	98	0	0	9	0	0	82	80
Jacobabad	000	0	6	13	05	97	03	1	943	95	1	0	9	4	4	81	92
Veraval	—	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	—
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar *	...	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	—
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **	000	0	1	05	02	98	01	0	490	58	0	0	8	4	0	40	46
Aliabad *																	
Gilgit *	000	2	0	00	00	99	00	0	458	79	0	0	9	0	0	65	66
Murree *	029	2	2	13	02	98	01	9	420	71	0	0	9	8	0	50	56
Drosh *	000	2	1	00	00	98	05	4	xxx	xx	1	2	7	0	0	55	76
Cherat *	000	0	8	13	13	98	03	2	392	72	8	6	6	0	0	66	50
Kakul *	031	9	1	34	03	97	01	9	436	75	1	4	6	0	0	63	67
Landikotal *	000	2	0	05	08	96	03	0	422	62	0	0	9	0	0	67	75
Parachinar *	036	2	8	00	00	98	20	6	435	74	8	7	8	0	0	59	69
Miranshah *	010	0	0	05	05	99	00	0	415	85	0	0	9	0	0	67	81
Wana *	060	0	0	10	00	98	00	0	505	78	0	0	9	0	0	63	72
Fort Sandeman *	000	0	2	00	00	99	00	0	426	84	2	0	8	3	0	62	79
Hindubagh *	000	0	6	00	00	97	00	0	410	77	0	0	6	8	0	57	69
Loralai *	000	0	5	07	02	99	00	1	419	81	0	0	9	1	4	66	70
Harnai *	000	0	3	00	00	97	03	0	xxx	89	3	1	5	0	0	67	84
Quetta *	000	0	4	23	02	96	03	2	408	80	0	0	9	0	9	67	73
Chaman *	000	0	5	48	05	98	02	1	391	89	5	0	9	2	0	48	80
Nushki *	000	0	0	00	00	98	02	0	418	88	0	0	9	0	0	49	80
Dalbandin *	000	9	1	00	00	96	03	0	393	82	1	0	9	3	0	38	74
Kalat *	000	6	0	09	03	98	00	0	410	75	0	0	9	0	0	54	63
Panjgur *	000	0	2	00	00	97	03	0	398	84	0	0	9	0	1	47	74
Kabul *																	
Kandhar *																	

Departures from Normal of / Rainfall

Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati	—	—	—	—	—	—
Cox's Bazar	+ 3	+ 1	45.9	+ 1.0	56.8	140
Chittagong	+ 7	+ 2	29.7	— 0.7	43.3	108
Maijdee Court	+ 5	+ 2	18.5	— 10.1	37.9	115
Comilla	+ 6	— 3	18.5	— 5.7	30.7	94
Brahmanbaria	—	—	16.7	— 1.7	34.4	78
Sylhet	—	—	40.4	—	67.5	—
Srimangal	+ 4	+ 6	—	—	—	96
Mymensingh	+ 5	+ 4	22.4	— 1.8	37.3	91
Narayanganj	+ 3	+ 4	12.7	— 4.7	30.0	74
Dacca (Tezgaon)	—	—	9.0	—	23.9	—
Faridpur	+ 2					71
Barisal	+ 2	+ 3	14.6	— 6.6	27.5	81
Khulna	0	+ 2	15.9	— 2.3	23.5	68
Satkhira	+ 2	+ 1	15.7	— 1.8	23.4	65
Jessore	—	—	7.7	— 9.1	17.9	65
Pabna	—	—	14.8	—	33.4	59
Sirajganj	+ 4	+ 4	7.8	— 9.3	20.8	64
Bogra	+ 4					69
Dinajpur	+ 6	+ 3	10.4	— 10.2	17.6	72
Rangpur	+ 3	+ 4	23.3	— 2.1	27.5	84
Jammu						—
Lahore (Jail Rd.)	+ 7	— 8	2.3	— 1.4	8.7	19
Sialkot	+ 10	— 6	4.3	— 2.3	8.7	32
Jhelum	—	—	3.6	—	9.6	
Rawalpindi	+ 11	— 7	3.0	— 1.8	9.6	36
Campbellpur	—		—		—	
Khushab	—	0	0.1	— 2.5	5.1	15
Lyallpur	+ 7	+ 2	0.5	— 1.9	4.3	12
Montgomery	+ 6	+ 3	0.8	— 1.4	3.3	10
Multan	+ 9	+ 5	0.3	— 1.0	2.0	7
Leiah		—	0	—	1.8	8
Khanpur	+ 6	+ 3	0.7	— 0.5	1.7	6
Bahawalpur	— 2	— 2	1.3	+ 0.3	2.1	6
Fort Abbas	—	—	—		—	8
Chakdara	—	—	—	—	—	—
Peshawar	+ 5	+ 2	0.1	— 0.5	6.7	11
Haripur	—	—	2.5	—	9.2	—
Bannu	—	—	0.6	—	3.6	11
D. I. Khan	+ 4	+ 3	0	— 1.5	2.9	9
Sibi	—	—	0	—	1.1	5
Nokkundi	—	—	0	—	0.1	2
Turbat	—	—	0	—	2.7	—
Jiwani	—	—	0	—	0.7	5
Pasni	— 1	+ 2	0	— 0.4	0.2	6
Ormara	—	—	0	— 0.1	1.0	6
Lasbela						8
Karachi (Manora)	+ 8	0	1.5	— 0.1	1.5	8
Karachi (Airport)	—	—	1.3	—	1.3	—
Nagarparkar	—	—	0	—	0	—
Umerkot	—	—	0.3	—	0.5	—
Hyderabad	+ 7	+ 6	0.4	— 0.9	1.2	7
Badin	+ 14	+ 0	1.1	— 1.2	1.6	9
Padidan						—
Nawabshah		—	1.2	—	1.6	—
Sukkur	—	—	0	—	0	4
Kashmore	—	—	0	—	0	—
Jacobabad	+ 3	+ 7	0	— 0.5	0.9	4
Veraval	x					20
Jalalabad						
Muscat						4
Kuwait						5
HILL STATIONS						
Srinagar *						26
Gulmarg **						—
Sonamarg **						71
Dras **						26
Leh **						3
Skardu *						6
Misgar **	—	—	—	—		—
Aliabad *						—
Gilgit *	—	—	—	—		5
Murree *	+ 7	— 3	4.4	— 3.9	22.8	69
Drosh *	+ 5	+ 3	0.9	—	12.9	18
Cherat *	+ 7	— 21	1.6	— 0.7	25.8	29
Kakul *	—	—	1.9	—	17.5	—
Landikotal *	—	—	0.5	—	12.2	—
Parachinar *	+ 2	+ 3	3.7	+ 2.2	17.3	29
Miranshah *	—	—	0.1	— 1.5	1.9	13
Wana *	—	—	—	—	—	11
Fort Sandeman *	— 2	+ 3	2.5	+ 1.1	7.2	11
Hindubagh *	—	—	0.8	—	4.6	—
Loralai *	—	—	0.2	—	4.3	9
Harnai *	—	—	0.9	— 0.5	4.4	14
Quetta *	—	—	0	— 0.2	4.2	9
Chaman *	— 5	+ 4	0	0	1.3	8
Nushki *	—	—	0	—	1.6	—
Dalbandin *	0	—	0	0	1.1	4
Kalat *	— 2	+	0.1	— 0.3	2.1	7
Panjgur *	+ 2	— 3	0	—	1.0	5
Kabul *						12
Kandhar *						

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 12th JULY, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Medhi	43 174	709 00	8 25 37	98 03 2	08x 83	73 x xx	...	...	...	...
Mustansir	43 214	694 00	8 32 18	97 20 5	88x 83	33 x xx	...	...	...	...
Muzaffar	43 184	634 00	8 26 37	97 02 2	995 83	83 6 00		83 6 00	63 6 65	00 0 26
Nepinnia	43 130	553 00	4 22 30	87 02 0	035 82	47 7 00	75 7 13	...	00 4 77	12 2 x9
Udomaru	43 186	669 06	8 26 29	97 18 2	005 84	67 4 2x	35 4 00	...	00 0 79	12 6 34
Iswaria	43 257	571 06	0 18 10	98 02 9	967 90	00 9 00	36 1 06	...	05 3 82	11 8 20
Dwarka	47 679	629 06	9 95 06	93 12 7	435 00	26 9 51	74 8 29	...	12 7 90	
Isocardia	43 238	588 06	5 09 06	96 03 1	988 86	50 8 54	36 4 00	...	05 7 84	10 9 20
Asia	43 171	560 06	0 23 40	97 07 8	001 81	00 9 00	17 7 02	...	05 2 68	12 3 xx
Anwarbaksh	43 107	527 06	0 20 34	98 02 0	087 78	00 0 00	15 3403	...	00 2 71	13 0 33
Medhi	43 179	706 06	8 25 37	98 25 6	09x 80	73 4 xx	...	...	...	...
Alhusain	43 114	751 06	7 24 13	97 03 2	069 84	59 3 01	33 1 04	...	00 2 79	12 5 66
Anwarbaksh	43 116	539 12	0 21 24	98 02 0	048 79	00 9 00	15 8 31	...	00 2 70	12 0133
Medhi	43 181	705 12	8 27 37	98 21 2	06x 83	72 x xx	...	...	...	...
Isomeria	43 245	582 12	4 15 03	98 02 0	925 93	40 7 40	36 7 16	...	00 0 81	11 5 20
Dassia	43 247	632 18	6 20 14	97 02 2	963 84	68 5 00	25 2 27	...	25 2 82	12 0 42

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
			At surface and Standard Isobaric Levels $HHHTTTT_dT_dT_d$								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	992 292 278	553 xxx xxx	...	137 205 168	...	302 102 082	428 022 002	573 355 585	746 632 688	959 770	240 965	425 123	...
Lahore	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Multan														
Peshawar	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Quetta														

STATION	Time of ascent in G.M.T.	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Jiwani													
Karachi	00 00	900 238 182	800 172 125	...	...	...	...	...	...	...	800 172 125	...	...
Lahore	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan													
Peshawar	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
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	11 07	13 08	15 10	17 13	...	...	...	...	...
Chaklala	...	12 22	17 13	20 11	27 10	33 11	31 20	27 15	...
Chhor	14 09	12 09	12 06	11 05	...	...	...	...	...
Chittagong	17 19	17 22	16 25	16 27	15 30	15 26	...	...	...
Cox's Bazar	16 19	16 23	15 20	15 19	...	...	...	...	...
Dacca	15 06	15 09	15 15	14 23	14 23	14 27	12 25	12 27	11 19
Dalbandin	...	...	15 03	14 08	22 05	29 07	28 04	20 06	27 15
D. I. Khan	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	21 21	22 29	21 27	18 07	21 25
Fort Sandeman	...	...	...	15 04	18 06	26 07	29 10	...	...
Jacobabad	17 07	16 09	17 08	17 03	01 03	04 12	04 15	05 10	28 08
Jessore	12 23	13 27	13 27	14 26	13 23	13 30	...	...	...
Jhelum	12 30	01 27	01 14	26 05	...	...	...	...	...
Jiwani	22 13	21 03	09 02	01 08	35 14	35 14	35 16	36 12	02 12
Karachi	29 10	31 09	02 09	09 15	05 14	...	...	...	...
Khanpur	28 07	28 04	26 03	25 04	22 04	15 04	09 07	07 15	05 17
Lahore	15 04	15 05	16 05	17 04	22 02	27 04	...	...	...
Multan	...	...	...	...	...	...	...	...	...
Muscat	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	34 07	33 08	35 07	33 04	02 04	02 05
Peshawar	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	23 06	24 09	25 13	25 17	...
Sharjah	...	...	...	...	...	...	...	...	...
Sylhet	31 05	34 02	15 04	14 06	17 07	13 12	12 13	07 05	...
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 12	14 16	15 21	13 22	...	...
Chaklala	...	05 21	08 17	07 22	...	...
Chhor	08 14	08 15	07 10	05 17	06 22	07 26
Chittagong	...	...	...	...	...	...
Cox's Bazar	15 15	16 14	16 13	15 13	...	...
Dacca	14 17	15 22	15 23	12 23	12 18	12 19
Dalbandin	...	...	36 11	01 08	07 09	11 04
D. I. Khan	...	...	...	...	...	...
Drosh	...	...	...	23 01	24 03	28 04
Fort Sandeman	...	...	...	11 08	14 03	18 03
Jacobabad	12 04	09 03	09 02	08 06	08 11	07 09
Jessore	14 25	14 26	15 26	...	...	...
Jhelum	05 03	05 31	05 23	04 22	36 31	...
Jiwani	...	...	...	...	...	...
Karachi	...	...	...	...	...	...
Khanpur	22 13	22 18	23 21	25 13	29 09	...
Lahore	11 10	16 13	16 16	17 13	17 10	14 09
Multan	18 15	16 11	14 11	12 02	33 09	06 05
Muscat	...	...	...	...	...	...
Panjgur	...	...	...	34 09	35 18	35 15
Peshawar	...	32 07	20 05	31 02	33 03	36 05
Quetta	...	...	...	...	27 03	27 07
Sharjah	...	...	...	...	...	...
Sylhet	16 03	21 06	20 12	10 03	...	...
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 11	14 16	17 22	...	...	...	...	...	...	...	...
Chaklala	...	...	...	...	...	...	...	...	...	...	...
Chhor	07 09	08 10	07 07	09 12	...	...	...	...	...	...	...
Chittagong	17 10	15 14	16 10	16 14	...	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...
Dacca	14 09	14 15	14 16	13 16	14 17	13 21	10 19	11 20	12 19	11 19	11 25
Dalbandin	...	...	08 07	06 10	04 10	06 13	10 05	15 14	17 20	32 14	32 11
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	22 07	19 08	21 06	20 07	20 04	22 18	...
Fort Sandeman	...	...	...	06 05	03 02	21 02	08 01	02 03	...	...	...
Jacobabad	20 05	15 05	10 04	10 06	07 11	07 11	07 13	08 19	08 19	16 02	...
Jessore	14 21	14 29	14 17	15 26	...	...	...	...	...	...	...
Jhelum	16 07	14 08	13 11	10 12	01 08	33 21	32 27	...	...	...	...
Jiwani	14 02	03 03	06 09	06 11	07 08	36 10	35 12	36 07	01 08	04 16	08 2[illegible]
Karachi	10 06	09 15	08 15	08 10	07 17	05 21	...	...	...	...	...
Khanpur	21 08	17 09	19 10	23 12	21 19	25 12	...	...	...	...	...
Lahore	10 12	06 12	04 10	34 11	...	...	...	...	...	...	...
Multan	22 02	27 02	34 03	09 05	08 08	08 09	02 13	...	...	...	...
Muscat	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	36 07	02 07	09 09	10 10	10 09	31 08	02 10	29 24
Peshawar	...	14 06	16 07	17 08	20 04	34 08	30 11	25 19	28 13	28 18	14 16
Quetta	...	...	...	...	14 05	17 06	11 07	10 16	09 21	10 24	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...
Sylhet	30 05	24 03	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	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	MISDA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi	27 0[illegible]	31 02	07 03	07 10	09 19	09 21	03 20	06 19	01 37	07 21	08 17	10 24	12 37	13 32	...	...	...	...
Peshawar	MISDA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta																		

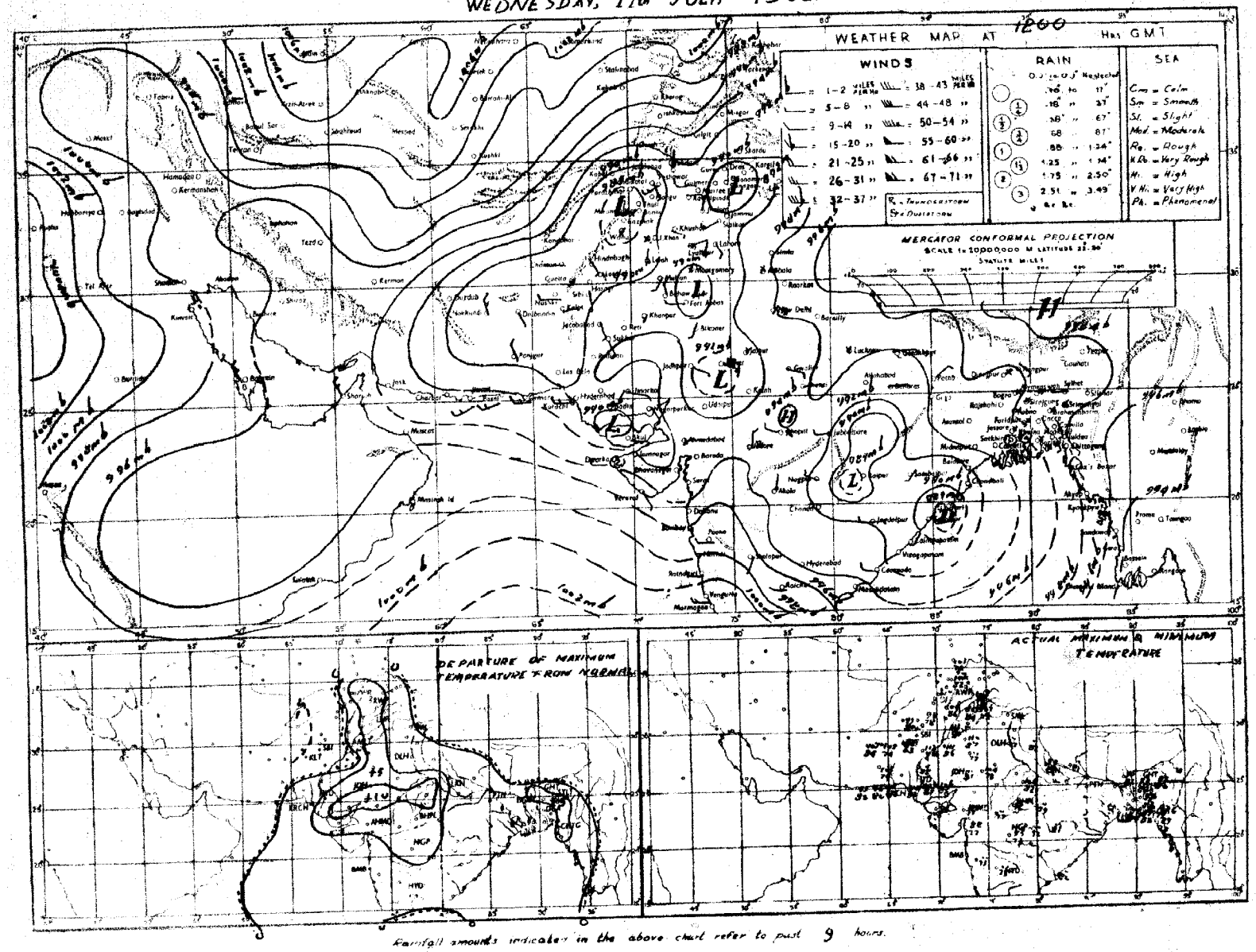
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_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—II

PAKISTAN DAILY WEATHER MAP

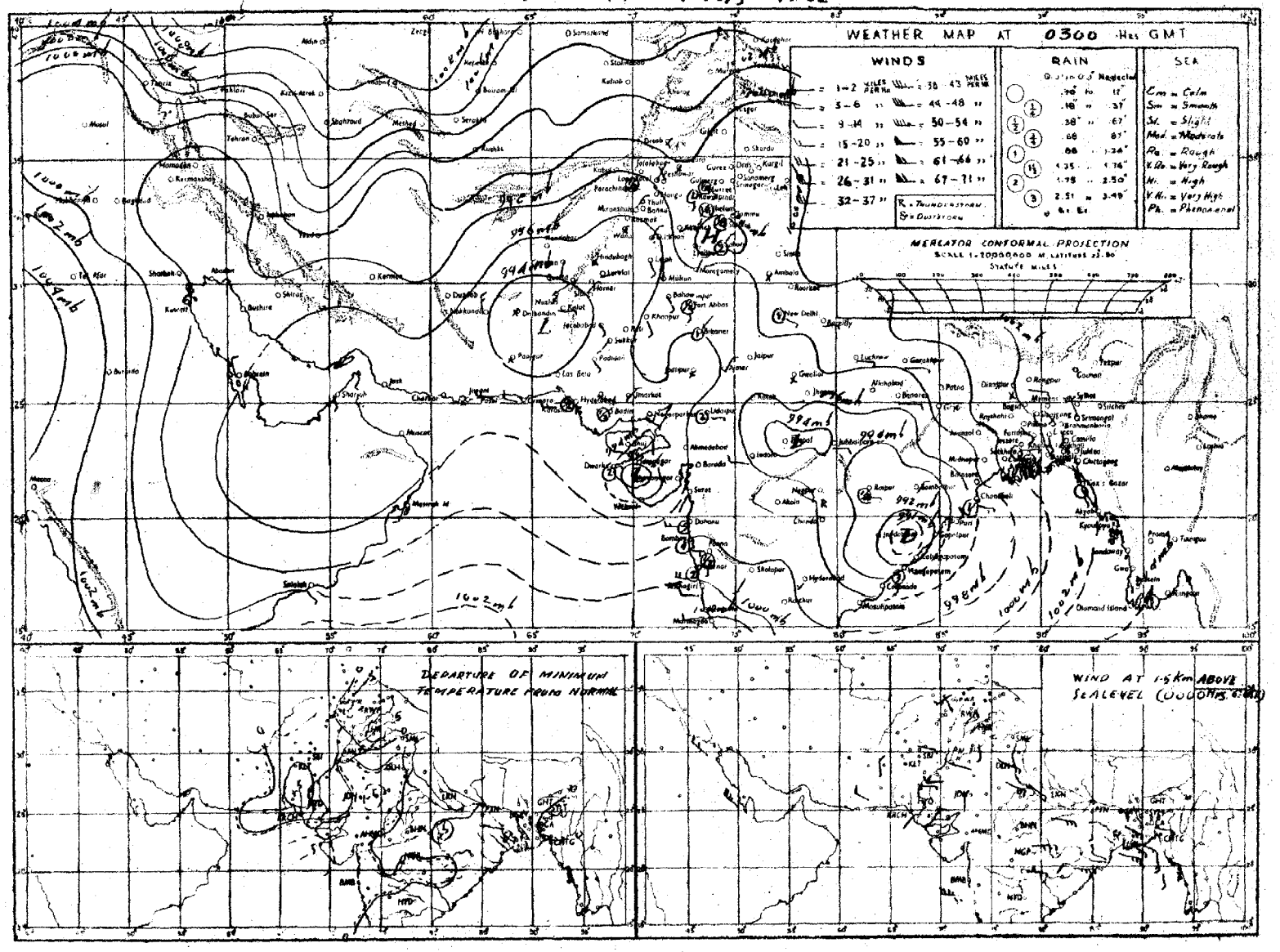
WEDNESDAY, 11th JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY, 12th JULY, 1962.



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. 16

FRIDAY THE 13th JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's depression moved westnorthwestwards and was centred last evening close to Kanker. It continued moving the same direction, weakened and now lies with its centre at 13,0300 GMT about 90 miles Southeast of Indore. It is likely to continue move in the same direction for sometime more.

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

The well marked low over Kutch and adjoining areas has intensified into a despression and is now centred close to Jamnagar. It is likely to move in a westerly or northwesterly direction and deepen.

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

Thunderstorm/showers have been local in Lahore, Hyderabad and Khairpur divisions and scattered in Multan, Bahawalpur, Peshawar, Quetta and Karachi divisions. A few duststorms were also reported from Bahawalpur, Peshawar and Khairpur divisions.

Chief amounts of rainfall are :—Padidan ¾", Fort Sandeman, Harnai and Nagarparkar ½" each and Cox's Bazar, Khanpur and Hyderabad ¼" each.

Day temperatures were 6—12 °F (3—7 °C) above normal in Chittagong, Hyderabad and Karachi divisions, 2—4 °F (1—2 °C) so elsewhere in East Pakistan and in Bahawalpur division and were 5—12 °F (3—7 °C) below normal in Lahore, Sargodha and Rawalpindi divisions.

Forecast valid until the evening of 14th July, 1962:—Fairly widespread rain/thundershowers with locally moderately heavy to heavy falls will occur in Karachi and Hyderabad divisions, local in Khairpur, Bahawalpur, Lahore, Sargodha, Rawalpindi and Chittagong divisions and in Kashmir with scattered elsewhere over the country.

Karachi-11
The 13th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	006	1	7	18	02	96	29	9	931	85	5	8	5	6	x	78	95
	Cox's Bazar	000	0	8	00	00	97	80	2	985	84	6	8	5	7	0	78	86
	Chittagong	000	0	8	20	05	97	17	3	985	85	7	6	5	1	0	79	00
	Maijdee Court	000	9	8	18	05	96	03	2	982	87	2	1	6	2	x	77	96
	Comilla	000	0	3	00	09	96	01	1	960	89	3	4	7	0	0	81	94
	Brahmanbaria	000	0	4	29	02	97	03	1	978	90	4	4	5	0	0	60	91
	Sylhet	000	0	4	27	05	96	02	3	975	89	2	3	6	0	1	78	91
	Srimangal	000	0	0	00	00	96	00	0	980	87	0	0	9	0	0	80	92
Dacca	Mymensingh	000	0	2	00	00	98	01	1	894	90	0	0	9	0	4	79	93
	Narayanganj	002	9	6	18	02	96	03	3	975	91	7	4	3	0	8	xx	93
	Dacca (Tezgaon)	000	0	5	19	05	98	02	3	970	88	1	2	3	0	3	75	91
	Faridpur	—	...	...	...	...	...	—	...	—	...	...	—	...	...	...	...	...
Khulna	Barisal	000	0	8	13	02	97	02	2	980	87	8	7	9	x	x	79	90
	Khulna	000	0	3	12	03	97	01	1	973	90	3	5	7	0	0	83	90
	Satkhira	000	0	4	31	07	97	01	1	970	91	2	4	6	2	0	80	93
	Jessore	009	4	4	18	03	97	02	6	977	88	2	4	6	6	0	73	90
Rajshahi	Pabna	025	6	3	13	05	99	01	8	968	89	0	0	9	0	2	80	91
	Sirajganj	000	0	1	00	00	98	02	1	975	89	1	0	9	0	1	79	90
	Bogra	000	6	4	13	03	96	03	3	974	90	3	4	5	2	x	79	92
	Dinajpur	000	9	4	00	00	96	02	2	971	89	4	0	9	2	0	79	93
	Rangpur	000	0	4	18	02	96	01	2	975	90	2	5	6	2	0	76	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	013	9	4	13	03	96	02	9	975	84	2	0	9	8	1	76	86
	Sialkot	000	0	0	13	07	98	00	0	973	87	0	0	9	0	0	74	89
Rawalpindi	Jhelum	000	7	1	13	05	99	00	6	972	91	1	1	7	3	0	69	93
	Rawalpindi	000	0	1	13	09	99	02	1	945	90	1	0	9	4	0	71	93
	Campbellpur	000	0	5	00	00	97	02	1	931	99	2	2	9	1	1	66	00
Sargodha	Khushab	000	0	0	09	09	97	96	1	957	97	0	0	9	0	0	92	00
	Lyallpur	000	0	4	07	03	96	08	4	968	93	4	0	9	4	0	65	99
Multan	Montgomery	000	0	3	09	03	96	02	1	934	93	0	0	9	0	1	71	00
	Multan	000	0	7	18	09	95	95	1	925	02	2	9	6	5	0	70	07
	Leiah	—	...	...	...	...	...	...	...	—	...	...	...	...	...	...	—	...
Bahawalpur	Khanpur	031	2	7	27	02	96	02	9	927	87	7	4	5	0	0	13	06
	Bahawalpur	000	0	3	05	22	96	09	3	xxx	92	3	0	9	0	0	69	06
	Fort Abbas	000	0	0	09	08	97	00	0	928	89	0	0	9	0	0	83	03
Peshawar	Chakdara	000	0	0	36	02	97	00	0	934	95	0	0	9	0	0	65	96
	Peshawar	000	0	5	18	07	97	02	1	928	98	2	9	6	0	4	66	01
	Haripur	000	0	0	23	01	97	00	0	940	96	0	0	9	0	0	67	97
D. I. Khan	Bannu	000	5	6	00	00	99	03	1	931	99	0	0	9	6	0	69	00
	D. I. Khan	000	3	6	05	02	98	03	3	938	01	6	9	0	0	0	69	03
Quetta	Sibi	000	9	5	36	03	97	06	1	931	96	4	2	9	3	2	85	11
Kalat	Nokkundi	000	0	0	31	05	97	02	0	896	08	0	0	9	0	0	43	10
	Turbat	000	0	0	19	04	96	05	0	896	14	0	0	9	0	0	xx	18
	Jiwani	000	0	5	18	10	97	03	1	953	70	0	0	9	0	6	77	94
	Pasni	000	8	6	20	14	95	05	1	918	90	0	0	9	0	3	82	94
Karachi Division	Ormara	000	9	8	00	00	93	05	4	929	88	8	7	5	1	0	81	93
	Lasbela																	
	Karachi (Manora)	000	0	6	29	10	96	03	2	929	92	0	0	9	0	7	80	10
	Karachi (Airport)	003	4	4	31	09	98	03	5	908	96	2	1	6	3	0	73	02
Hyderabad	Nagarparkar	000	0	7	13	03	97	00	0	886	00	0	0	7	5	2	72	01
	Umerkot	000	0	3	11	02	98	02	0	893	06	3	2	7	0	0	91	06
	Hyderabad	000	0	0	09	08	97	02	0	900	05	0	0	9	0	0	70	05
	Badin	000	0	6	00	00	97	02	0	901	05	6	0	9	0	2	72	07
Khairpur	Padidan	040	7	4	31	05	99	03	6	912	96	1	2	4	2	0	76	96
	Nawabshah	006	8	2	31	03	96	01	9	918	99	1	1	6	0	0	77	00
	Sukkur	000	8	6	05	03	97	03	2	915	05	6	0	9	7	0	75	01
	Kashmore	...	...		...	...	...				...	...	...		...	...	...	...
	Jacobabad	000	0	—	05	10	96	50	2	930	88	3	5	5	2	0	73	69
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	...	—	..	—	...	—	...	...	...	—	...	—	...	...	—	...	...
	Gulmarg **	...	—	—	—	—	...		—	—	—	..	—	—	—	...	...	—
	Sonamarg **																	
	Dras **	...	...	—	—	—	-	—	..	—	—	—	—	...	...	—	—	..
	Leh **																	
	Skardu *																	
	Mirgar **	000	0	5	23	05	98	03	0	084	69	3	1	8	6	0	27	71
	Aliabad *																	
	Gilgit *	000	0	4	00	00	98	01	1	xxx	86	4	5	8	0	0	75	99
Rawalpindi	Murree *	000	9	7	29	05	97	02	1	416	72	4	5	8	8	0	64	76
Peshawar	Drosh *	000	8	4	23	05	97	05	4	373	96	3	2	7	6	0	51	99
	Cherat *	000	0	8	13	09	98	03	2	374	83	8	6	6	0	0	71	83
	Kakul *	000	8	1	18	14	97	02	1	xxx	97	1	2	7	0	0	69	89
	Landikotal *	000	0	4	13	05	96	02	0	391	92	4	0	x	0	0	72	94
	Parachinar *	000	0	6	13	02	99	03	2	399	86	6	1	9	0	0	63	89
D. I. Khan	Miranshah *	000	0	4	05	05	99	02	3	401	92	4	4	8	0	0	74	69
	Wana *	000	0	4	18	04	95	50	1	517	85	4	1	9	0	0	57	87
Quetta	Fort Sandeman *	041	1	6	02	01	99	01	6	419	76	6	0	8	3	0	67	95
	Hindubagh *	000	0	0	89	19	95	00	0	380	95	0	0	9	0	0	60	95
	Loralai *	000	0	7	13	03	98	01	2	393	78	0	4	8	4	1	63	93
	Harnai *	042	4	0	00	00	97	03	6	xxx	83	9	x	3	x	x	64	00
	Quetta *	000	0	7	23	05	94	02	0	367	83	7	3	5	0	0	57	98
	Chaman *	000	0	0	36	07	98	00	0	354	03	0	0	9	0	0	51	04
	Nushki *	000	0	0	27	05	98	02	0	417	06	0	0	9	0	0	48	07
	Dalbandin *	000	8	1	13	03	96	03	0	362	08	1	0	9	3	0	50	10
Kalat	Kalat *	000	4	0	13	07	98	03	2	392	78	x	x	8	x	x	58	90
	Panjgur *	000	0	1	31	05	96	02	0	369	04	0	0	9	0	0	60	05
Afghanistan	Kabul *																	
	Kandhar *																	

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	Rangamati	006	0	7	36	02	97	05	1	019	84	5	8	5	2	0	78	xx
	Cox's Bazar	023	9	7	00	00	97	03	6	992	84	5	4	5	4	0	78	xx
	Chittagong	000	0	8	13	02	97	02	2	994	85	5	4	6	2	0	78	79
	Maijdee Court	000	7	8	00	00	96	02	2	999	87	0	0	9	2	x	78	xx
	Comilla	000	0	8	00	00	97	02	2	971	88	8	4	4	x	x	77	75
	Brahmanbaria	010	0	7	00	00	97	03	1	002	86	7	6	5	0	0	79	83
	Sylhet	000	9	7	18	02	96	02	9	998	87	7	8	4	0	1	80	81
	Srimangal	000	0	x	xx	xx	xx	xx	x	xxx	85	3	0	4	0	0	80	79
Dacca	Mymensingh	002	0	8	13	02	97	21	1	006	83	8	7	4	x	x	80	81
	Narayanganj	000	9	8	00	00	97	02	2	996	85	8	4	3	0	x	78	83
	Dacca (Tezgaon)	000	9	7	09	00	97	02	2	993	87	3	8	5	7	1	78	81
	Faridpur	007	0	6	06	02	97	03	2	062	88	6	5	6	1	0	89	80
Khulna	Barisal	000	0	6	13	05	97	02	2	994	90	4	7	6	4	0	80	81
	Khulna	000	0	6	00	01	97	03	2	993	88	6	5	5	0	0	83	81
	Satkhira	000	0	5	00	00	97	00	0	xxx	xx	3	4	6	2	0	81	xx
	Jessore	009	9	7	13	05	97	03	6	994	87	6	5	6	6	0	81	80
Rajshahi	Pabna	...	...	...	...		-		...	—	...	...	...	...	.	...	—	...
	Sirajganj	...	...	...	...	...		...	...	...		...		...			...	...
	Bogra	000	0	7	00	03	96	03	2	000	86	4	5	5	1	0	81	xx
	Dinajpur	000	9	5	00	00	96	02	2	996	90	4	0	9	2	0	79	83
	Rangpur	000	0	6	09	02	96	03	0	000	89	2	2	6	1	0	82	82
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	013	1	7	00	00	96	03	1	989	82	7	0	9	7	0	76	77
	Sialkot	000	0	0	00	00	98	00	0	998	84	0	0	9	0	0	73	78
Rawalpindi	Jhelum	000	1	3	27	02	98	01	1	989	86	3	0	9	3	0	74	78
	Rawalpindi	000	0	0	05	02	98	00	0	996	88	0	0	9	0	0	73	77
	Campbellpur	000	0	0	00	00	98	00	2	981	87	0	0	9	0	0	72	81
Sargodha	Khushab	000	0	0	09	05	98	01	0	992	85	0	0	9	0	0	84	80
	Lyallpur	000	0	6	00	00	96	02	0	001	84	0	7	8	0	0	76	81
Multan	Montgomery	000	0	6	00	00	96	03	7	965	84	6	4	8	0	0	75	91
	Multan	000	9	7	00	00	97	02	9	983	86	5	5	6	3	0	77	80
	Leiah	000	0	3	18	04	97	03	0	946	96	0	0	9	5	0	76	67
Bahawalpur	Khanpur	034	9	2	02	07	94	10	9	968	84	2	0	9	3	0	77	79
	Bahawalpur	xxx	x	2	07	03	98	xx	x	xxx	89	1	1	9	3	1	78	82
	Fort Abbas	000	0	0	07	02	98	07	0	978	89	0	0	9	0	0	73	83
Peshawar	Chakdara	000	0	0	00	00	97	00	0	987	85	0	0	9	0	0	65	75
	Peshawar	000	0	1	00	00	97	01	1	985	90	x	x	x	x	x	65	82
	Haripur	000	0	0	05	02	97	00	0	984	86	0	0	9	0	1	68	76
D. I. Khan	Bannu	000	0	8	00	00	98	10	2	994	87	0	0	9	6	0	73	84
	D. I. Khan	000	0	0	00	00	97	00	0	987	86	6	0	9	0	0	74	76
Quetta	Sibi	000	2	3	05	02	97	05	1	963	89	0	0	9	2	1	71	87
Kalat	Nokkundi	000	0	0	05	02	98	02	0	929	93	0	0	9	0	0	44	85
	Turbat	000	0	4	27	01	96	02	2	946	95	0	0	9	0	1	xx	xx
	Jiwani	000	0	4	09	07	97	01	1	943	86	4	0	9	3	0	83	82
	Pasni	003	3	6	02	03	96	03	1	943	85	2	2	7	4	3	75	83
Karachi Division	Ormara	000	9	8	00	00	94	03	5	943	86	8	0	9	1	0	79	82
	Lasbela																	
	Karachi (Manora)	...	...	...	...	...	...	...	...							...	...	
	Karachi (Airport)	003	0	7	02	07	96	02	3	940	86	5	5	6	2	0	74	82
Hyderabad	Nagarparkar	042	0	3	00	03	97	00	0	932	83	0	0	7	8	0	79	78
	Umerkot	000	0	8	02	03	97	02	0	933	88	8	5	7	0	0	77	81
	Hyderabad	030	9	7	36	09	96	01	5	949	83	7	0	9	3	0	77	81
	Badin	000	0	0	05	02	97	00	0	954	86	0	0	9	0	0	79	83
Khairpur	Padidan	076	8	2	04	09	97	01	6	960	85	2	0	9	2	0	76	78
	Nawabshah	006	9	7	31	03	96	03	9	954	85	3	0	9	3	6	75	78
	Sukkur	000	9	6	02	03	97	03	3	959	90	6	0	9	6	0	74	83
	Kashmore	000	3	6	00	00	99	02	3	966	95	6	1	6	0	0	80	86
	Jacobabad	003	9	3	05	05	97	01	0	965	89	1	0	9	3	8	75	83
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	6	18	03	97	60	6	436	70	4	5	7	3	0	59	62
	Gulmarg **	xxx	x	5	05	09	97	03	2	101	64	5	4	3	0	0	50	50
	Sonamarg **																	
	Dras **	xxx	x	8	07	03	97	03	3	547	74	0	3	4	1	4	xx	xx
	Leh **																	
	Skardu *																	
	Mirgar **	000	0	4	31	15	98	01	0	080	59	0	0	9	6	0	31	53
	Aliabad *																	
	Gilgit *	000	0	8	00	00	98	02	1	417	27	8	5	x	x	x	72	72
Rawalpindi	Murree *	000	9	2	11	05	98	01	1	436	74	8	0	9	8	0	57	61
Peshawar	Drosh *	000	9	1	00	00	98	03	9	447	78	1	1	7	0	0	62	69
	Cherat *	000	0	0	31	05	98	00	3	383	76	0	0	9	0	0	74	55
	Kakul *	000	9	1	27	02	97	01	9	438	78	1	1	7	0	0	63	69
	Landikotal *	000	3	1	00	00	97	01	1	428	85	0	0	4	9	0	67	75
	Parachinar *	...	..	..	...	...	...	...	...	...	...	..	...	...	...	...	...	...
D. I. Khan	Miranshah *	000	0	6	00	00	98	01	1	422	82	6	4	8	0	0	70	78
	Wana *	000	0	4	00	00	97	01	1	517	73	4	0	9	5	0	65	75
Quetta	Fort Sandeman *	060	0	1	00	00	99	01	1	436	79	1	0	8	3	0	62	71
	Hindubagh *	000	0	0	23	02	97	00	0	415	71	0	0	9	0	0	49	65
	Loralai *	000	0	5	11	02	99	01	1	529	74	0	0	9	1	4	65	66
	Harnai *	042	0	0	00	00	97	00	0	xxx	82	0	0	9	0	0	62	75
	Quetta *	000	9	5	23	02	96	03	2	403	76	0	0	9	0	9	51	66
	Chaman *	000	0	0	09	07	98	00	0	396	88	0	0	9	0	0	46	78
	Nushki *	000	0	x	xx	xx	98	02	0	436	99	0	0	9	0	0	52	83
	Dalbandin *	000	9	1	00	00	95	05	0	393	90	1	0	9	3	0	63	86
Kalat	Kalat *	000	0	0	31	02	98	00	0	392	71	0	0	9	0	0	57	xx
	Panjgur *	000	0	1	00	00	97	01	0	394	85	0	0	9	0	5	65	81
Afghanistan	Kabul *																	
	Kandhar *																	

Departure from Normal of / Rainfall

Divisions (1)	Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	—	—	—	1
	Cox's Bazar	+ 2	—	46.1	+ 0.3	57.0	140
	Chittagong	+ 14	+ 3	29.7	− 1.1	48.3	108
	Maijdee Court	+ 10	—	18.5	− 9.7	37.9	135
	Comilla	+ 6	− 3	18.5	− 6.1	30.7	94
	Brahmanbaria	—	—	16.9	− 2.1	34.5	78
	Sylhet	—	—	40.4	—	67.5	—
	Srimangal	+ 2	+ 3	—	—	—	90
Dacca	Mymensingh	+ 6	+ 3	22.4	− 2.3	27.3	91
	Narayanganj	+ 4	+ 4	12.7	− 5.1	30.0	74
	Dacca (Tezgaon)	—	—	9.0	—	23.9	—
	Faridpur		+ 2	—	—	—	71
Khulna	Barisal	+ 3	+ 2	14.6	− 7.6	27.5	81
	Khulna	+ 2	+ 3	15.9	− 2.7	23.5	68
	Satkhira	+ 5	—	—	—	—	68
	Jessore	—	—	7.6	− 9.3	18.0	65
Rajshahi	Pabna	—					59
	Sirajganj	+ 2					64
	Bogra	+ 3	—	12.7	− 6.1	29.3	69
	Dinajpur	+ 4	+ 2	10.4	− 10.6	17.6	72
	Rangpur	+ 2	+ 4	23.3	− 2.6	17.5	94
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	− 14	− 3	2.4	− 1.5	8.8	19
	Sialkot	− 9	− 2	4.3	− 2.6	8.7	32
Rawalpindi	Jhelum	—	—	3.6	—	9.6	—
	Rawalpindi	− 5	0	3.9	− 2.0	9.6	36
	Campbellpur	—	—	0.8	—	9.1	—
Sargodha	Khushab	− 3	− 2	0.1	− 2.6	5.1	15
	Lyallpur	− 3	− 1	0.5	− 2.0	4.3	12
Multan	Montgomery	− 3	− 3	0.8	− 1.5	3.3	10
	Multan	+ 5	− 3	0.3	− 1.0	2.0	7
	Leiah		—	0	—	1.8	8
Bahawalpur	Khanpur	+ 4	− 5	1.0	− 0.3	2.0	6
	Bahawalpur	+ 3	− 2	1.3	+ 0.2	2.1	6
	Fort Abbas	—	—	0.1	—	0.4	8
Peshawar	Chakdara	—	—	0.1	—	9.4	—
	Peshawar	− 1	+ 2	0.1	− 0.6	6.7	11
	Haripur	—	—	2.5	—	9.2	—
D. I. Khan	Bannu	—	—	0.6	—	3.6	11
	D. I. Khan	− 1	+ 5	0	− 1.5	2.9	9
Quetta	Sibi	—	—	0	—	1.1	5
Kalat	Nokkundi	—	—	0	—	0.1	2
	Turbat	—	—	0	—	1.7	—
	Jiwani	—	—	0	—	0.7	5
	Pasni	+ 2	+ 5	0	− 0.4	0.3	6
Karachi Division	Ormara	—	—	0	− 0.1	1.0	6
	Lasbela						5
	Karachi (Manora)	+ 12					8
	Karachi (Airport)	—	—	1.4	—	1.4	—
Hyderabad	Nagarparkar	—	—	0.4	—	0.4	—
	Umerkot	—	—	0.3	—	0.5	—
	Hyderabad	+ 6	0	0.7	− 0.8	1.5	7
	Badin	+ 12	+ 2	1.1	− 1.3	1.6	9
Khairpur	Padidan	—	—	1.1	—	1.6	—
	Nawabshah	—	—	1.3	—	1.7	—
	Sukkur	—	—	0	—	0	4
	Kashmore	—	—	0	—	0	—
	Jacobabad	0	− 2	0	− 0.5	0.9	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						5
	HILL STATIONS						
Kashmir	Srinagar *		—				26
	Gulmarg **		—				—
	Sonamarg **						71
	Dras **						24
	Leh **						1
	Skardu *						6
	Mirgar **	—	—	—	—		—
	Aliabad *						—
	Gilgit *	—	—	—	—		5
Rawalpindi	Murree *	+ 2	+ 2	4.4	− 4.3	22.8	59
Peshawar	Drosh *	+ 3	− 4	0.9	—	12.9	18
	Cherat *	6		1.6	− 0.9	25.8	29
	Kakul *	—	—	1.9	—	17.5	—
	Landikotal *	—		0.5	—	12.2	—
	Parachinar *	+ 2					29
D. I. Khan	Miranshah *	—	—	0.1	− 4.4	7.9	11
	Wana *	—	—	2.9	—	11.2	11
Quetta	Fort Sandeman *	− 5	− 4	3.1	+ 1.6	7.8	11
	Hindubagh *	—	—	0.8	—	4.6	—
	Loralai *	—	—	0.2	—	4.3	9
	Harnai *	—	—	1.3	− 0.2	4.5	14
	Quetta *	—	—	0	− 0.2	4.2	9
	Chaman *	+ 2	+ 2	0	0	1.3	9
	Nushki *	—	—	0	—	1.6	—
	Dalbandin *	+ 1	+ 8	0	0	1.1	4
Kalat	Kalat *	− 1	—	0.1	− 0.3	2.1	7
	Panjgur *	+ 2	+ 4	0	—	1.0	6
Afghanistan	Kabul *						12
	Kandhar *						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

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FRIDAY THE 13th JULY, 1962.

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 $N_sC_sh_sh_s$	$OT_sT_sT_sT_s$	$H_wd_wP_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dwarka	53 247	649 08	1 25 09	97 02 1	035 29	17 5 00	25 4 00	—	00 1 28	12 5 31
Mahdi	53 191	698 09	8 27 44	98 21 5	05x 26	72 x xx	—	—	—	—
Mehdi	53 195	696 04	8 27 30	98 21 6	06x 16	72 x xx	—	—	—	—
Asia	53 213	620 06	9 23 35	97 07 1	961 26	9x x xx	16 4 00	—	05 4 24	12 3 2x
Ismaeria	53 205	591 06	7 22 22	98 03 2	965 24	70 8 7x	53 8 08	—	05 4 22	12 2 22
Isocardia	53 188	577 06	0 20 25	97 01 1	995 34	00 9 00	55 1 18	—	00 4 21	12 0 34
Mathura	53 195	586 16	7 22 19	96 05 2	971 24	22 3 99	54 2 15	—	00 4 21	12 2 34
City of London	53 164	626 06	8 24 44	97 02 3	001 27	87 4 xx	64 1 10	—	00 1 23	17 4 17
Anwarbaksh	53 139	561 06	0 19 30	98 00 2	035 27	00 9 00	14 8 10	—	00 2 17	11 9 33
Anwarbaksh	53 144	568 12	7 19 35	98 02 1	008 28	00 9 3x	14 8 19	—	00 2 32	12 3 44
Isocardia	53 180	565 12	7 22 15	96 03 1	970 23	70 7 7x	55 5 07	—	00 6 21	12 2 33
Mathura	53 189	580 12	7 21 22	96 05 2	951 25	30 5 82	53 7 25	—	00 5 22	12 1 24
British Power	53 170	560 12	8 22 27	97 03 2	—	—	—	—	—	—
Mahdi	53 203	693 12	8 28 37	96 21 9	05x 26	72 x xx	—	—	—	—

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
			$HHHTTTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—	—
Ishurdi														
Karachi	00 00	990 288 232	564 xxx xxx	—	138 240 990	—	305 160 690	434 070 990	581 008 998	757 608 992	973 718	258 953	444 186	—
Lahore	00 00	973 295 228	524 xxx xxx	—	140 215 192	—	307 125 102	435 065 995	582 512 995	757 592 998	974 668	270 732	493 755	—
Multan														
Peshawar	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—	—
Quetta														

STATION	Time of ascent in G.M.T.	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—
Ishurdi													
Karachi	00 00	900 280 xxx	800 240 xxx	350 670 xxx	250 823 xxx	010 100 xxx	—	—	—	—	010 100 xxx	—	—
Lahore	00 00	900 245 205	800 188 185	—	—	—	—	—	—	—	800 188 158	—	—
Multan													
Peshawar	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—
Quetta													

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 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
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 08	12 09	14 13	15 19	13 17	13 15	10 14			—						11 02	11 03									—
Chaklala	—	16 11	15 10	14 07	22 01	23 03	29 15	30 15	28 17	—	32 03	33 06	01 07	01 06	05 02		15 04									—
Chhor	12 13	12 16	10 21	10 16						03 20	03 24	03 32	04 25	04 29	07 31	04 15	04 18	12 04	12 10	10 08	13 16	06 02	33 09	27 17	26 19	—
Chittagong	31 10	21 08	19 07	14 03	14 08	11 13	10 17	09 21	09 18	09 32	07 02	07 03	06 10	08 11	10 16			07 19	07 10	06 23	—	—	—	—	—	—
Cox's Bazar	20 08	20 08	34 10							31 03	33 04	30 04	06 05			01 05	01 06	03 06				—	—	—	—	—
Dacca	19 07	17 10	15 13	14 13	13 10	10 11	11 15	10 08	10 15	16 06	16 09	14 18	10 09	09 10	18 13	10 03	11 02	10 03	07 04	09 07	10 10	—	—	—	—	—
Dalbandin	—	—	09 02	07 05	06 04	03 05	20 06	18 08	21 03	—	—	16 10	16 08	23 03	06 13	—	—	23 04	13 07	05 05	04 13	06 15	08 23	01 36	30 06	—
D. I. Khan	—	—	—	—				—	—	—	—	—				—	—									—
Drosh	—	—	—	—	23 18	22 13	21 15	—	—	—	—	—	23 05	21 10	18 16	—	—	—	—							—
Fort Sandeman	—	—	—	09 03	11 11	04 11	—	—	—	—	—	—	06 03	34 05	02 07	—	—	—	—	23 04	20 01	10 03	21 07	29 07	—	—
Jacobabad	21 17	21 15	22 10	02 14	03 09	—	—	—	—	32 15	31 09	04 03	03 07	03 13	07 33	09 17	08 18	—	01 03	01 05	36 02	—	—	—	—	—
Jessore	15 14	14 17	14 15				—	—	—	13 10	13 11	13 12	13 12			11 05	13 07			—	—	—	—	—	—	—
Jhelum	15 18	14 13	13 12	11 17	10 09	02 09	35 18	33 19	31 23	01 05	05 07	07 06	09 11	10 14	11 15			13 09	15 19	—	—	—	—	—	—	—
Jiwani	20 06	07 05	06 05	04 06	01 10	36 18	02 11	35 16	01 15	—	—	—	—	—	—	21 11	11 5	11 13	13 10	03 15	03 20	—	—	—	—	—
Karachi	35 15	02 09	06 09	08 15	08 17	07 23	08 23	09 25	—	—	—	—	—	—	—	04 17	05 20	06 23	07 26	08 24	10 25	—	—	—	—	—
Khanpur	04 03	09 12	16 10	14 03					—	02 16	03 23	04 32				01 10	04 15	05 15				—	—	—	—	—
Lahore	09 06	09 17	09 17	13 14	11 06	04 15	01 28	36 29	01 23	08 07	13 06	15 06	13 07	19 03	17 09	07 04	13 07	15 07	17 15	18 24	16 20	00 06	23 04	20 10	—	—
Multan	10 06	11 09	10 11	09 13	—	—	—	—	—	03 17	04 23	05 12			—	02 10	05 09	05 10	07 10	04 18	—	—	—	—	—	—
Mianwali	—	—	—					—	—	—	—	—				—	—	—		—	—	—	—	—	—	—
Panjgur	—	—	—	33 09	36 04	10 03	03 11	03 12	05 06	—	—	—	22 02	25 04	36 12	—	—	—	—			—	—	—	—	—
Peshawar	—	19 15	19 15	18 06	15 08	17 10	—	—	—	—	33 04	35 03	01 08	09 06	15 06	—	—	—	32 05	34 10	01 19	07 17	07 18	06 10	03 12	—
Quetta	—	—	—	—	21 05	18 02	—	—	—	—	—	—	—	30 01	30 07	—	—	—	—	20 02	06 12	06 14	08 11	17 03	26 10	[illegible]
Sharjah	—	—	—				—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—
Sylhet	27 06	29 07	31 03	17 02	12 06	09 14	—	—	—	18 08	16 03	04 04	07 10	—	—	22 09	15 04	06 01	—	—	—	—	—	—	—	—
Vararai	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

†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	06 25	07 27	07 28	07 28	07 30	06 37	06 48	07 14	07 11	06 25	09 20	10	10 14	08 38	—	—	—	—
Peshawar	MISDA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Quetta																		

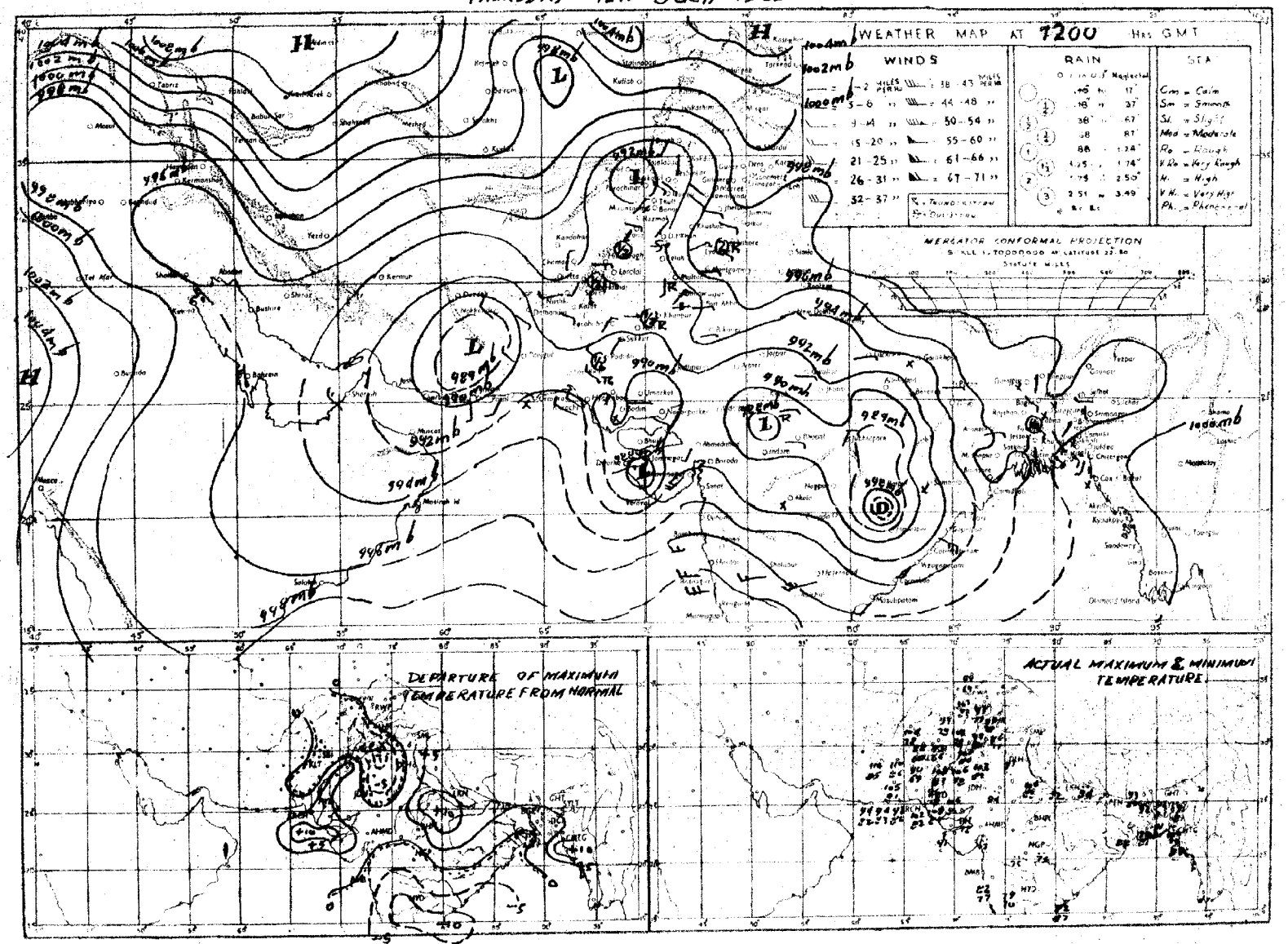
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_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

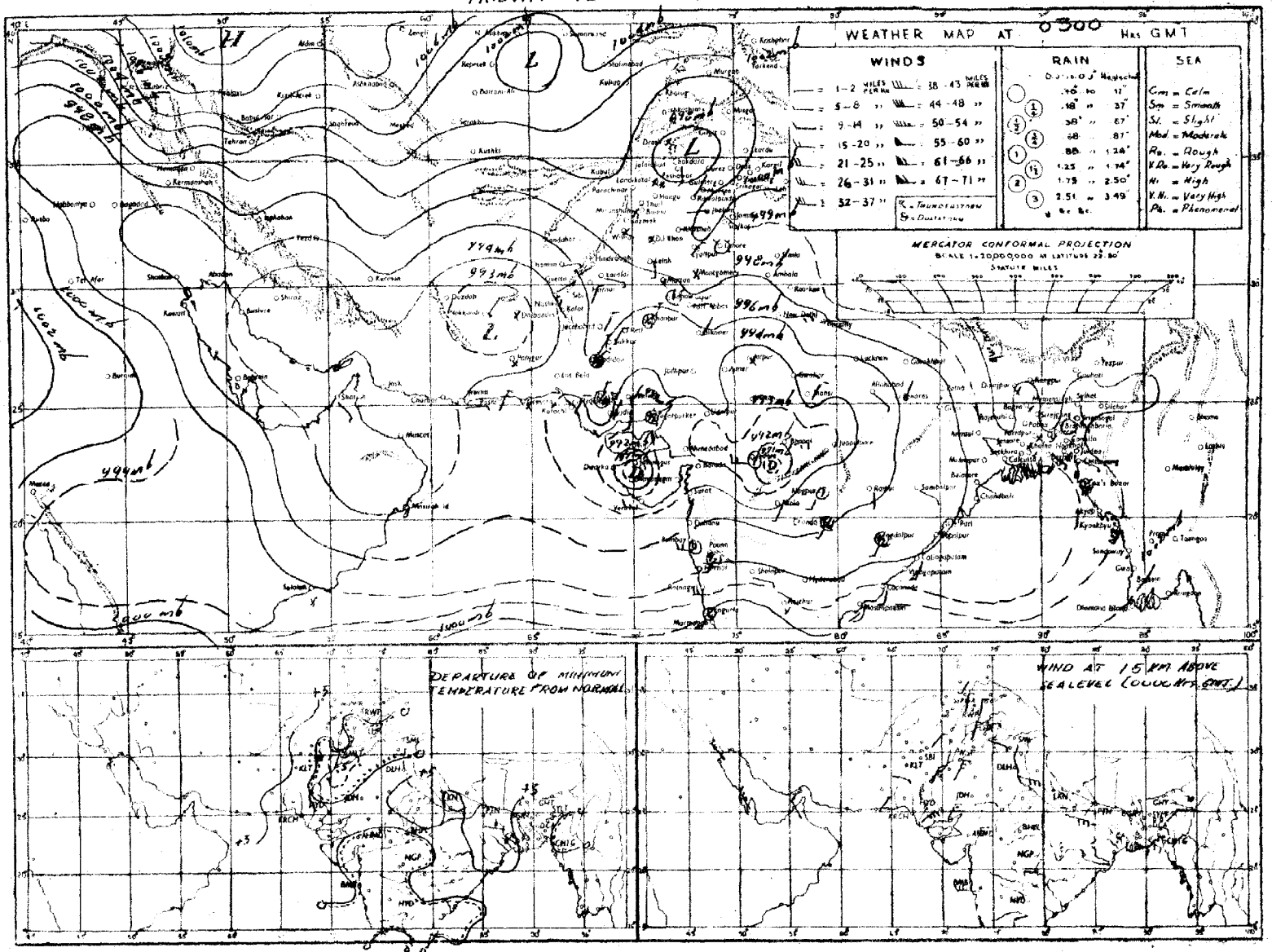
THURSDAY 12th JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY, 13th JULY, 1962.



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

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PAKISTAN DAILY WEATHER REPORT

LIBRARY WEATHER BUREAU

Reg. No. S-1457
Volume No. 16

SATURDAY THE 14th JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Mansoon continues to remain weak over East Pakistan. Scattered rain/thundershowers have been reported from East Pakistan outside Rajshahi division.

Yesterday's depression over Kutch moved northwestwards and was centred last evening about 30 miles west of Bhuj. Ships observations are lacking and those from Kutch are scanty but believe it now lies at 14,10300 GMT near latitude 23°N and longitude 68½E. It is likely to move in a northwesterly direction for sometime.

The other depression over Madhya Bharat weakened last evening and lay as a shallow depression about 50 miles southeast of Udaipur. It weakened further into a low during the night and has now merged into seasonal monsoon trough.

The westerly low pressure wave over Kashmir and adjoining areas is now moving away eastwards. Another wave lies today over Afghanistan and neighbourhood.

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

Chief amounts of rainfall are :—Chittagong 4", Umarkot 3", Karachi (Manora), Karachi (Airport), Hyderabad and Badin 1¼" each, Cox's Bazar 1", Murree, Parachinar and Nawabshah ¾" each and Barisal and Nagarparker ¼" each.

Day temperatures were 4—8 °F (2—4 °C) above normal in East Pakistan as well as in Karachi division and were 3—6 °F (2—3 °C) below normal in Bahawalpur, Multan, Khairpur divisions and the eastern parts of Quetta and Kalat divisions.

Forecast valid until the evening of 15th July, 1962:—Rain/thundershowers will be fairly widespread in Chittagong division, local in Dacca, Hyderabad, Karachi and Khairpur divisions and scattered elsewhere in the country.

Heavy rainfall warning :—Moderate to heavy rain is likely to fall at a few places in Chittagong, Dacca, Hyderabad, Karachi and Khairpur divisions during next 24 hours.

Karachi-11
The 14th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	000	0	5	18	02	98	05	1	961	92	3	8	7	4	4	80	93
	Cox's Bazar	000	0	7	19	08	97	02	2	958	86	4	8	5	2	0	78	89
	Chittagong	000	0	5	27	05	97	02	2	948	87	2	C	9	2	2	81	93
	Maijdee Court	000	9	5	18	05	97	02	2	955	90	3	2	6	5	0	81	92
	Comilla	000	0	1	00	00	96	01	1	930	92	1	4	6	0	0	83	94
	Brahmanbaria	006	0	2	00	00	97	01	1	952	92	1	1	5	0	2	79	92
	Sylhet	000	0	6	27	05	96	01	2	945	90	3	2	5	0	8	81	93
	Srimangal	000	0	2	00	00	96	03	0	953	90	2	0	4	0	0	83	94
Dacca	Mymensingh	000	0	6	13	02	98	01	1	958	92	4	2	4	0	0	79	95
	Narayanganj	000	0	3	00	00	96	01	1	952	94	2	4	3	0	0	80	95
	Dacca (Tejgaon)	000	0	2	00	00	97	02	1	948	91	1	1	6	0	1	80	93
	Faridpur	000	0	4	11	02	96	02	3	989	89	2	4	6	0	2	79	91
Khulna	Barisal	030	0	4	18	02	97	02	2	956	92	2	7	6	4	0	79	94
	Khulna	000	0	6	00	00	97	01	2	955	91	6	4	6	0	0	84	93
	Satkhira	000	0	5	00	00	97	03	2	975	93	3	2	4	2	0	79	93
	Jessore	000	0	2	18	02	97	01	1	977	88	2	4	6	0	0	73	90
Rajshahi	Pabna	000	0	1	09	02	99	01	2	948	91	0	0	9	0	1	81	93
	Sirajganj	000	0	1	00	00	98	03	1	950	90	1	6	9	0	1	80	91
	Bogra	000	0	6	00	00	97	02	1	954	89	3	5	5	0	1	80	94
	Dinajpur	000	9	6	00	00	96	02	1	950	94	6	0	9	2	x	87	96
	Rangpur	000	0	6	13	02	97	01	0	970	90	6	0	9	3	0	76	xx
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	9	5	09	03	96	01	2	945	96	4	6	9	7	1	78	97
	Sialkot	000	2	5	00	00	99	03	1	953	92	3	4	6	2	0	71	98
Rawalpindi	Jhelum	000	7	7	18	03	97	01	1	955	96	3	8	6	1	0	71	01
	Rawalpindi	000	0	2	05	12	99	02	1	957	92	2	2	6	0	0	65	99
	Campbellpur	030	0	1	13	05	98	01	0	915	02	1	1	8	0	0	68	05
Sargodha	Khushab	000	0	5	16	05	88	92	2	948	97	1	3	6	6	0	93	00
	Lyallpur	000	0	5	07	01	96	02	0	933	99	5	0	9	4	0	74	00
Multan	Montgomery	000	0	3	13	03	96	03	1	930	02	3	3	7	0	0	72	04
	Multan	000	0	2	18	03	98	00	0	927	00	0	0	9	0	1	74	01
	Leiah	030	0	8	13	02	96	03	2	967	90	0	0	9	9	0	86	10
Bahawalpur	Khanpur	000	0	1	02	14	93	07	0	906	98	0	0	9	0	1	74	01
	Bahawalpur	000	0	6	05	01	95	00	0	xxx	01	0	0	9	0	0	79	07
	Fort Abbas	000	0	0	09	04	98	00	0	911	03		0	9	0	0	73	06
Peshawar	Chakdara	000	0	0	13	01	97	00	0	895	97	0	0	9	0	0	63	01
	Peshawar	000	0	6	05	02	97	03	0	928	01	2	9	6	3	0	67	03
	Haripur	000	3	5	20	05	97	02	2	938	95	5	1	6	0	0	65	01
D.I. Khan	Bannu	000	2	8	27	02	95	01	3	93	96	0	0	9	0	0	60	98
	D. I. Khan	000	0	2	00	00	98	00	0	941	00	0	0	9	0	2	71	01
Quetta	Sibi	000	9	3	18	02	97	05	0	930	97	0	0	9	2	1	53	09
Kalat	Nokkundi	000	0	0	31	05	97	02	0	890	98	0	0	9	0	0	34	09
	Turbat	000	0	0	18	10	97	00	2	937	05	0	0	8	0	0	xx	4
	Jiwani	000	0	3	18	19	96	02	1	926	91	0	0	9	0	1	65	95
	Pasni	000	8	6	25	17	96	02	1	915	83	0	0	9	3	3	82	96
Karachi Division	Ormara	000	0	4	[illegible]	07	[illegible]	03	2	917	95	4	0	9	0	1	73	03
	Lasbela																	
	Karachi (Manora)	000	0	7	09	14	96	03	2	901	94	0	0	9	7	0	72	04
	Karachi (Airport)	000	0	7	05	17	96	02	2	897	00	0	0	9	0	8	71	03
Hyderabad	Nagarparkar	000	0	8	13	02	97	00	0	888	89	0	6	7	0	0	81	91
	Umerkot	175	5	9	25	02	97	25	6	868	80	8	3	6	0	0	79	98
	Hyderabad	000	1	8	36	03	96	50	5	908	87	2	5	6	3	0	77	97
	Badin	000	0	9	31	05	97	03	2	915	85	8	0	6	0	6	81	98
Khairpur	Padidan	003	0	3	31	12	97	03	0	903	99	3	2	6	0	0	75	01
	Nawabshah	000	0	8	36	14	96	18	2	907	96	4	3	5	1	x	76	98
	Sukkur	000	8	5	02	19	95	03	1	900	03	0	2	9	0	6	71	03
	Kashmore	000	9	4	02	10	95	09	9	xxx	18	1	0	9	0	0	83	16
	Jacobabad	000	0	1	36	07	96	05	4	918	03	2	0	9	2	0	73	63
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	2	09	07	98	01	0	053	69	2	1	8	0	0	36	71
	Aliabad *																	
	Gilgit *	000	0	2	00	00	99	01	1	443	85	2	5	8	0	0	62	[illegible]
Rawalpindi	Murree *	084	2	7	05	09	97	61	9	436	69	7	9	3	0	0	51	77
Peshawar	Drosh *	000	0	1	27	07	98	01	0	395	94	2	2	7	0	0	58	97
	Cherat *	000	0	0	18	05	98	00	0	385	92	0	0	9	0	0	75	[illegible]
	Kakul *	000	1	3	18	02	99	02	6	437	65	3	3	7	0	0	65	90
	Landikotal *	000	0	4	13	05	97	07	0	395	93	4	0	4	3	0	72	95
	Parachinar *	087	4	6	13	02	97	03	6	412	xx	6	1	9	4	0	51	xx
D.I. Khan	Miranshah *	000	0	8	05	03	98	03	2	415	86	8	4	8	0	0	72	[illegible]
	Wana *	000	0	5	00	00	99	01	1	509	66	5	0	9	5	0	55	90
Quetta	Fort Sandeman *	000	0	6	13	01	99	03	0	415	89	6	0	5	3	0	65	93
	Hindubagh *	000	0	0	09	07	97	00	0	358	89	0	0	9	0	0	53	[illegible]
	Loralai *	000	0	5	16	03	99	01	1	[illegible]	88	0	2	9	2	1	58	89
	Harnai *	000	0	2	00	00	97	03	0	xxx	95	2	1	5	0	0	59	96
	Quetta *	000	0	2	23	03	96	02	0	388	87	2	1	5	0	0	59	91
	Chaman *	000	0	5	08	09	96	02	[illegible]	854	96	3	2	5	0	0	44	97
	Nushki *	000	0	0	09	07	98	02	0	439	03	0	0	9	0	0	61	05
	Dalbandin *	000	8	1	36	07	96	03	0	381	09	1	0	9	3	0	54	11
Kalat	Kalat *	000	0	0	13	05	98	00	0	385	81	0	0	9	0	0	71	85
	Panjgur *	000	0	6	37	16	96	03	0	371	96	6	5	6	0	0	65	03
Afghanistan	Kabul *																	
	Kandhar *																	

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)
Rangamati	000	9	6	18	05	98	05	9	997	86	3	8	7	1	3	79	80
Cox's Bazar	098	9	6	05	02	97	03	6	982	84	5	4	5	4	0	76	78
Chittagong	448	6	7	09	03	97	03	9	987	83	5	5	5	2	0	79	76
Maijdee Court	000	9	7	00	00	97	01	2	949	93	2	1	5	2	0	82	79
Comilla	001	0	6	00	00	97	02	2	973	85	6	4	5	0	0	84	75
Brahmanbaria	001	0	4	35	03	97	03	1	902	91	4	4	5	0	0	84	85
Sylhet	000	0	5	09	02	96	03	1	984	92	1	1	6	1	1	82	82
Srimangal	000	0	3	18	10	96	03	0	981	90	3	0	4	9	0	84	81
Mymensingh	000	8	4	27	02	98	01	1	994	xx	4	4	0	0	0	82	83
Narayanganj	000	2	3	27	02	97	03	9	987	91	3	4	8	0	0	83	85
Dacca (Tejgaon)	000	8	4	05	02	97	01	0	987	87	x	x	x	x	x	xx	84
Faridpur	000	0	6	34	01	97	02	2	000	87	2	5	7	1	C	83	82
Barisal	018	2	4	18	02	96	51	9	990	78	4	4	6	—	—	78	78
Khulna	000	0	8	00	01	96	03	2	[illegible]	xx	8	2	9	5	3	xx	83
Satkhira	000	0	8	00	00	96	03	2	981	83	4	4	4	2	x	99	81
Jessore	000	0	8	31	05	97	01	2	989	84	8	7	5	x	x	81	81
Pabna	000	0	6	31	02	99	03	2	993	90	2	0	9	5	9	81	83
Sirajganj	000	0	1	00	03	98	03	1	993	92	2	8	5	0	0	85	83
Bogra	000	0	2	05	02	96	01	0	988	92	0	0	9	0	1	81	84
Dinajpur	000	0	0	00	00	96	00	0	989	95	9	0	9	0	0	81	83
Rangpur	000	0	1	05	02	96	01	1	995	93	1	0	9	1	0	83	81
Jammu																	
Lahore (Jail Rd.)	000	5	2	00	00	96	03	0	989	93	2	0	9	2	0	79	81
Sialkot	003	0	0	00	00	98	00	0	989	91	0	0	9	0	0	81	83
Jhelum	00	3	3	18	02	96	03	1	990	90	1	1	7	3	0	69	81
Rawalpindi	003	0	1	05	02	99	00	0	993	90	1	0	9	4	0	69	78
Campbellpur	007	0	0	00	01	93	00	1	963	94	0	0	9	0	0	67	84
Khushab	000	0	0	13	02	98	03	0	993	93	0	0	9	0	0	87	xx
Lyallpur	000	0	5	05	02	76	02	0	998	93	5	0	9	4	0	78	84
Montgomery	000	0	0	05	03	96	02	0	965	96	0	0	9	0	0	76	84
Multan	003	0	5	18	01	96	01	1	975	94	2	5	6	3	0	80	85
Leiah	002	0	8	13	04	96	03	2	971	90	0	3	8	9	0	76	80
Khanpur	000	0	1	05	07	95	05	0	957	93	1	1	6	0	0	75	94
Bahawalpur	000	0	3	06	01	98	00	0	086	96	3	0	9	0	0	74	93
Fort Abbas	000	0	0	07	02	98	03	0	966	95	0	0	9	0	0	82	88
Chakdara	000	0	0	09	02	97	03	0	981	79	0	0	9	0	0	69	75
Peshawar	000	0	0	34	01	98	02	1	981	88	0	0	9	0	0	68	83
Haripur	000	0	0	31	02	97	00	0	983	83	0	0	9	0	0	68	78
Bannu	000	0	0	00	03	99	03	0	987	81	0	0	9	0	0	73	xx
D. I. Khan	039	7	6	00	00	8	02	1	989	81	0	0	9	0	6	75	xx
Sibi	030	0	0	05	12	97	05	0	969	94	0	0	9	0	0	69	87
Nokkundi	000	0	0	07	0	98	02	1	927	99	0	0	9	0	0	46	88
Turbat	000	0	6	27	02	97	05	2	925	92	0	0	9	7	0	xx	xx
Jiwani	000	0	7	36	03	96	01	2	941	88	7	0	9	1	0	77	85
Pasni	[illegible]	3	8	25	03	96	13	2	932	90	6	2	7	4	0	77	84
Ormara	000	0	8	05	0	[illegible]	[illegible]	2	941	85	8	7	5	4	6	81	84
Lasbela																	
Karachi (Manora)	133	9	7	05	16	96	03	9	933	77	0	0	5	5	0	71	75
Karachi (Airport)	167	9	7	05	05	96	02	6	936	84	7	0	9	5	0	78	76
Nagarparkar	035	0	8	43	03	97	00	0	934	83	0	0	7	0	0	76	79
Umerkot	296	0	6	09	12	96	03	0	942	82	8	9	6	0	0	79	78
Hyderabad	162	9	7	09	02	97	01	6	949	83	3	0	9	2	8	79	79
Badin	126	0	0	05	02	97	00	0	948	84		0	9	0	0	78	78
Padidan	000	0	7	05	02	97	03	2	954	85	3	0	9	3	0	79	81
Nawabshah	082	9	8	09	02	96	50	9	963	85	2	6	4	7	0	81	77
Sukkur	000		6	16	03	97	03	2	953	92	6	0	9	6	0	71	88
Kashmore	000	0	0	00	00	99	00	0	955	93	0	0	9	0	0	75	81
Jacobabad	000	0	6	05	05	94	02	2	754	96	3	0	9	4	0	78	90
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **	[illegible]	0	1	05	02	98	01	0	116	58	2	0	9	4	0	42	48
Aliabad *																	
Gilgit *	000	0	0	00	40	99	00	0	458	83	C	0	9	0	0	53	66
Murree *	086	9	1	09	02	98	01	6	442	71	0	0	9	8	0	57	60
Drosh *	000	0	0	00	00	97	02	0	443	83	0	0	9	0	0	55	75
Cherat *	000		0	23	03	98	00	0	393	76	0	0	9	0	0	69	75
Kakul *	000	9	0	20	02	97	02	1	443	80	0	0	9	0	0	66	72
Landikotal *	000	[illegible]	0	05	02	98	00	0	425	86	0	0	9	0	0	70	76
Parachinar *	081	0	0	00	00	99	00	0	455	72	0	0	9	0	0	53	64
Miranshah *	0 4	0	0	00	00	99	00	0	422	82	0	0	9	0	0	64	74
Wana *	000	0	5	00	00	9	00	0	509	79	0	0	9	0	0	35	69
Fort Sandeman *	000	0	2	00	00	99	01	0	449	81	2	0	8	3	0	66	75
Hindubagh *	000	0	6	09	10	97	00	0	410	72	0	0	6	0	0	60	69
Loralai *	000	0	0	07	03	99	02	0	431	81	0	0	9	0	0	64	70
Harnai *	000	0	3	00	00	97	03	0	xxx	86	3	1	9	0	0	64	86
Quetta *																	
Chaman *	[illegible]	0	6	09	05	98	01	1	[illegible]	81	6	0	9	2	0	49	82
Nushki *	000	0	0	09	09	96	01	2	439	92	0	0	9	3	0	61	86
Dalbandin *	000	9	5	00	00	96	03	1	395	93	5	0	9	7	0	56	80
Kalat *	000	0	0	09	05	98	00	0	411	75	0	0	9	0	0	56	81
Panjgur *	000	0	7	09	03	93	03	1	392	87	3	6	8	5	0	67	80
Kabul *																	
Kandhar *																	

STATIONS (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati			—	—		—
Cox's Bazar	+ 3	+ 1	47.1	+ 0.3	58.0	140
Chittagong	+ 7	— 1	34.2	+ 2.8	47.7	100
Maijdee Court	+ 6	+ 1	18.5	— 11.4	37.9	115
Comilla	+ 6	— 3	18.5	— 6.5	30.7	94
Brahmanbaria	—	—	16.9	— 2.4	34.5	78
Sylhet			40.4	—	47.5	—
Srimangal	+ 4	+ 5	—	—		90
Mymensingh	+ 7	+ 4	22.4	— 2.7	27.3	91
Narayanganj	+ 6	+ 6	12.7	— 3.6	30.0	74
Dacca (Tejgaon)	—	—	9.0	—	23.9	—
Faridpur	+ 3	+ 4	—	—	—	73
Barisal	+ 7	— 1	14.8	— 7.3	27.7	81
Khulna	+ 5	—	15.9	—	23.5	60
Satkhira	+ 5	+ 3	—	—	—	65
Jessore	—	—	7.8	— 9.6	18.4	65
Pabna	—	—	—	—	—	59
Sirajganj	+ 4	+ 5	—	—	—	64
Bogra	+ 5	+ 5	12.7	— 6.4	25.3	69
Dinajpur	+ 7	+ 4	10.4	— 11.0	17.6	72
Rangpur	—	+ 5	23.3	— 3.1	27.5	84
Jammu						
Lahore (Jail Rd.)	— 3	+ 3	2.4	— 1.7	8.8	19
Sialkot	0	+ 3	4.3	— 2.9	8.7	33
Jhelum	—	—	3.6	—	9.6	
Rawalpindi	+ 1	+ 3	3.0	— 2.3	9.6	38
Campbellpur	—	—	0.8	—	9.1	—
Khushab	— 3	—	0.1	— 2.7	5.1	15
Lyallpur	— 2	+ 2	0.5	— 2.1	4.3	12
Montgomery	+ 1	0	0.8	— 1.6	3.3	10
Multan	— 1	0	0.3	— 1.9	2.0	7
Leiah	—	—	0	—	1.8	8
Khanpur	— 4	+ 1	1.0	— 0.3	2.0	6
Bahawalpur	+ 4	+ 9	1.3	+ 0.1	2.1	6
Fort Abbas	—	—	0.1	—	0.4	8
Chakdara	—	—	0.1	—	9.4	—
Peshawar	+ 1	+ 3	0.1	— 0.7	6.7	11
Haripur	—	—	2.5	—	9.2	—
Bannu	—	—	0.6		3.6	11
D. I. Khan	— 3	—	0	— 1.6	2.9	9
Sibi	—	—	0	—	1.1	5
Nokkundi	—	—	0	—	4.1	2
Turbat	—	—	0	—	7.7	
Jiwani	—	—	0	—	0.7	5
Pasni	+ 4	+ 6	0	— 0.5	0.2	6
Ormara	—	—	0	— 0.2	4.0	6
Lasbela						8
Karachi (Manora)	+ 15	— 6	2.8	+ 0.8	2.8	8
Karachi (Airport)	—	—	3.1	—	3.1	—
Nagarparkar	—	—	0.8	—	0.8	—
Umerkot	—	—	3.3	—	3.4	—
Hyderabad	0	— 2	2.3	+ 0.7	3.1	7
Badin	+ 3	— 3	2.3	0	2.9	9
Padidan	—	—	1.1	—	1.6	—
Nawabshah	—	—	2.1	—	2.5	—
Sukkur	—	—	0	—	0	4
Kashmore	—	—	0	—	0	—
Jacobabad	— 4	+ 5	0	— 0.6	0.9	4
Veraval						20
Jalalabad						
Muscat						4
Kuwait						5
HILL STATIONS						
Srinagar *						26
Gulmarg **						—
Sonamarg **						71
Dras **						26
Leh **						3
Skardu *						6
Misgar **	—	—				—
Aliabad *						—
Gilgit *	—	—				5
Murree *	+ 3	+ 1	5.3	— 3.8	23.6	58
Drosh *	+ 1	+ 2	0.9	—	12.9	18
Cherat *	+ 6	+ 4	1.6	— 1.1	25.8	29
Kakul *	—	—	1.9	—	17.3	—
Landikotal *	—	—	0.5	[illegible]	13.2	—
Parachinar *	—	— 2	—	—	—	29
Miranshah *	—	—	0.2	— 0.5	3.0	13
Wana *	—	—	2.9		11.2	11
Fort Sandeman *	— [illegible]	0	3.1	+ 1.5	3.0	11
Hindubagh *	—	—	0.8		[illegible]	—
Loralai *	—	—	0.2	—	4.3	9
Harnai *	—	—	1.3	— 0.2	4.5	14
Quetta *	—					9
Chaman *	— 5	+ 4	0	— 0.4	1.3	8
Nushki *	—	—	0	—	1.4	—
Dalbandin *	+ 2	+ 11	0	0	1.1	4
Kalat *	— 6	— 1	[illegible]	+ 0.4	2.1	7
Panjgur *	[illegible]	+ 5	0	—	1.0	5
Kabul *						12
Kandhar *						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 14th JULY, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_dw d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Daressa	63 240	671 08	7 06 20	98 13 2	928 29	75 5 00	45 7 10	...	05 5 24	11 7 [illegible]
Mehdi	63 210	686 09	8 25 37	98 03 8	02x 27	72 x xx	...	...	...	...
Anwarbaksh	63 166	589 00	8 22 18	98 02 2	003 26	00 9 2x	14 3 12	...	00 2 24	12 0 33
Mehdi	63 215	603 06	7 26 24	98 03 2	03x 30	72 x xx	...	...	...	...
Macra Karkis	63 160	562 06	8 23 22	97 03 2	978 26	55 4 7x	53 3 12	...	00 5 23	12 3 44
Isomeria	63 169	550 06	8 23 20	98 02 2	986 25	85 3 2x	55 1 15	...	05 2 23	12 3 23
Ariane	63 249	577 06	7 07 10	98 03 2	944 33	00 9 06	75 1 12	...	05 1 29	10 7 2[illegible]
Isocardia	63 156	523 06	7 21 09	97 02 2	005 25	60 7 71	56 4 00	...	00 2 24	12 4 22
Daressa	63 230	679 06	7 06 22	97 03 2	934 30	75 5 30	45 4 00	...	05 1 24	11 9 53
Eso Rotterdam	61 281	570 12	7 33 16	96 03 1	930 23	20 8 84	16 7 20	...	00 6 21	13 3 33
Isocardia	63 150	511 12	2 23 09	97 02 0	994 28	00 9 03	56 4 00	...	00 4 26	12 3 21
Isomeria	63 162	537 12	7 19 12	98 02 2	963 27	70 5 3x	55 7 34	...	00 6 24	11 9 22
Ariane	63 261	568 12	7 07 10	98 02 2	916 35	00 9 06	75 7 14	...	00 2 29	10 7 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $PPPTTTT_dT_dT_d$	1000 mb $HHHTTTT_dT_dT_d$	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	989 272 255	571 xxx xxx	...	132 198 165	...	310 122 22	425 055 042	575 525 535	748 642 648	962 768	244 942	...	...
Lahore ...	00 00	972 315 255	525 xxx xxx	...	141 262 188	...	308 088 992	433 502 998	576 605 995	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...													
Karachi ...	00 00	900 222 195	800 175 159	350 612 705	...	...	...	...	...	...	350 612 705	...	...
Lahore ...	00 00	900 298 192	800 188 152	...	...	...	...	...	...	...	800 188 152	...	...
Multan ...													
Peshawar ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenth 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	04 02	07 01	11 02	12 06	13 15	...	...	...	...
Chaklala	...	07 13	09 14	11 13	08 10	10 07	10 07	...	...
Chitor	26 10	35 36	04 17	04 30	...	...	...	...	...
Chittagong	20 09	29 03	04 01	12 04	16 09	11 14	...	...	...
Cox's Bazar	24 06	30 05	33 02	...	...	...	...	...	...
Dacca	27 02	30 01	04 02	09 08	09 10	09 09	10 15	10 20	10 23
Dalbandin	...	...	02 07	04 07	05 04	06 09	03 11	05 02	09 05
D. I. Khan	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	22 13	31 19	17 21	12 08	34 13
Fort Sandeman	...	...	...	08 06	08 06	10 13	...	...	...
Jacobabad	01 13	02 17	02 17	05 17	07 19	...	...	...	...
Jessore	15 07	15 04	14 04	13 07	11 09	...	...	...	...
Jhelum	19 06	20 05	19 06	14 07	13 07	09 15	...	...	...
Jiwani	16 16	14 19	12 18	10 12	04 12	17 10	04 23	...	...
Karachi	04 18	04 20	03 18	04 23	...	03 25	...	...	...
Khanpur	...	...	...	...	...	...	...	...	...
Lahore	07 04	10 06	11 06	16 04	17 11	19 10	16 09	18 04	22 07
Multan	33 16	01 19	02 29	05 32	05 38	...	...	...	...
Muscat	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	23 01	34 03	02 05	...	...	...
Peshawar	...	08 02	13 02	17 04	...	...	...	...	...
Quetta	...	...	...	...	11 03	06 13	02 03	06 10	01 06
Sharjah	...	...	...	...	...	...	...	...	...
Sylhet	26 05	28 05	...	...	...	...	...	...	...
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	34 06	01 07	04 12	05 12	07 16	...
Chaklala	...	08 08	11 04	18 01	04 05	34 10
Chitor	05 15	09 14	10 17	08 31	08 40	07 39
Chittagong	21 07	25 10	...	...	...	...
Cox's Bazar	33 10	33 07	...	...	...	...
Dacca	35 04	36 04	04 36	06 11	07 11	07 12
Dalbandin	...	...	17 07	16 10	12 06	...
D. I. Khan	...	...	...	...	...	...
Drosh	...	...	...	17 01	23 02	25 11
Fort Sandeman	...	...	...	07 09	06 05	13 03
Jacobabad	07 23	09 24	10 23	10 16	10 14	11 11
Jessore	34 08	01 03	03 08	05 08	08 09	09 15
Jhelum	04 03	11 01	29 02	22 02	17 03	30 08
Jiwani	32 09	27 06	22 05	18 05	01 14	04 35
Karachi	...	...	...	...	...	...
Khanpur	...	...	...	...	...	...
Lahore	09 10	07 11	08 09	11 06	05 08	20 05
Multan	36 13	01 21	01 27	04 15	39 02	...
Muscat	...	...	...	...	...	...
Panjgur	...	...	...	03 03	08 15	03 17
Peshawar	...	32 04	20 02	17 02	21 03	28 07
Quetta	...	...	...	...	32 03	30 04
Sharjah	...	...	...	...	...	...
Sylhet	07 04	08 07	07 09	11 18	16 08	19 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	03 15	04 09	08 12	09 15	09 19	...	...	...	...	...	...
Chaklala	...	09 02	15 04	13 04	13 08	10 07	02 05	27 09	24 10	25 29	...
Chitor	11 13	11 04	10 16	...	...	...	...	...	...	...	...
Chittagong	13 02	06 03	07 13	09 08	19 12	...	...	...	...	...	...
Cox's Bazar	10 07	10 07	08 07	...	...	...	...	...	...	...	...
Dacca	04 08	05 10	06 13	08 12	08 19	...	...	...	...	...	...
Dalbandin	...	...	17 01	23 03	36 02	36 13	05 24	05 33	07 41	...	...
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	23 05	21 05	22 07	20 11	22 12	23 16	22 35
Fort Sandeman	...	...	...	28 05	07 03	05 09	...	...	...	...	...
Jacobabad	07 16	09 13	07 18	07 15	04 18	07 23	09 23	12 23	13 17	16 15	12 05
Jessore	34 07	01 09	04 12	07 13	06 15	06 18	09 15	...	...	...	...
Jhelum	23 04	24 04	23 07	23 04	16 07	17 09	20 03	25 10	27 09	24 19	26 27
Jiwani	28 03	29 05	29 07	38 09	04 20	04 30	...	...	...	...	...
Karachi	07 18	07 11	...	...	...	...	...	...	...	...	...
Khanpur	10 12	09 11	08 11	08 15	08 21	07 19	05 32	06 27	...	...	...
Lahore	12 01	12 04	12 04	15 04	10 05	14 06	29 03	19 04	21 08	22 13	...
Multan	10 04	09 06	08 07	05 09	08 13	09 20	...	...	...	...	...
Muscat	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	06 14	07 14	05 24	06 35	07 35	...	...	...
Peshawar	...	04 03	13 04	14 05	18 06	19 03	05 06	35 10	36 09	29 31	26 14
Quetta	...	...	...	...	34 04	07 08	07 18	15 13	18 12	21 08	14 07
Sharjah	...	...	...	...	...	...	...	...	...	...	...
Sylhet	09 08	09 17	10 23	10 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. → 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 ...	MISDA														...	...	...	...
Karachi ...	04 21	04 27	06 30	06 39	06 40	07 56	09 33	10 36	10 32	11 35	13 29	11 ...	10 14	08 28	...	...	...	...
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.

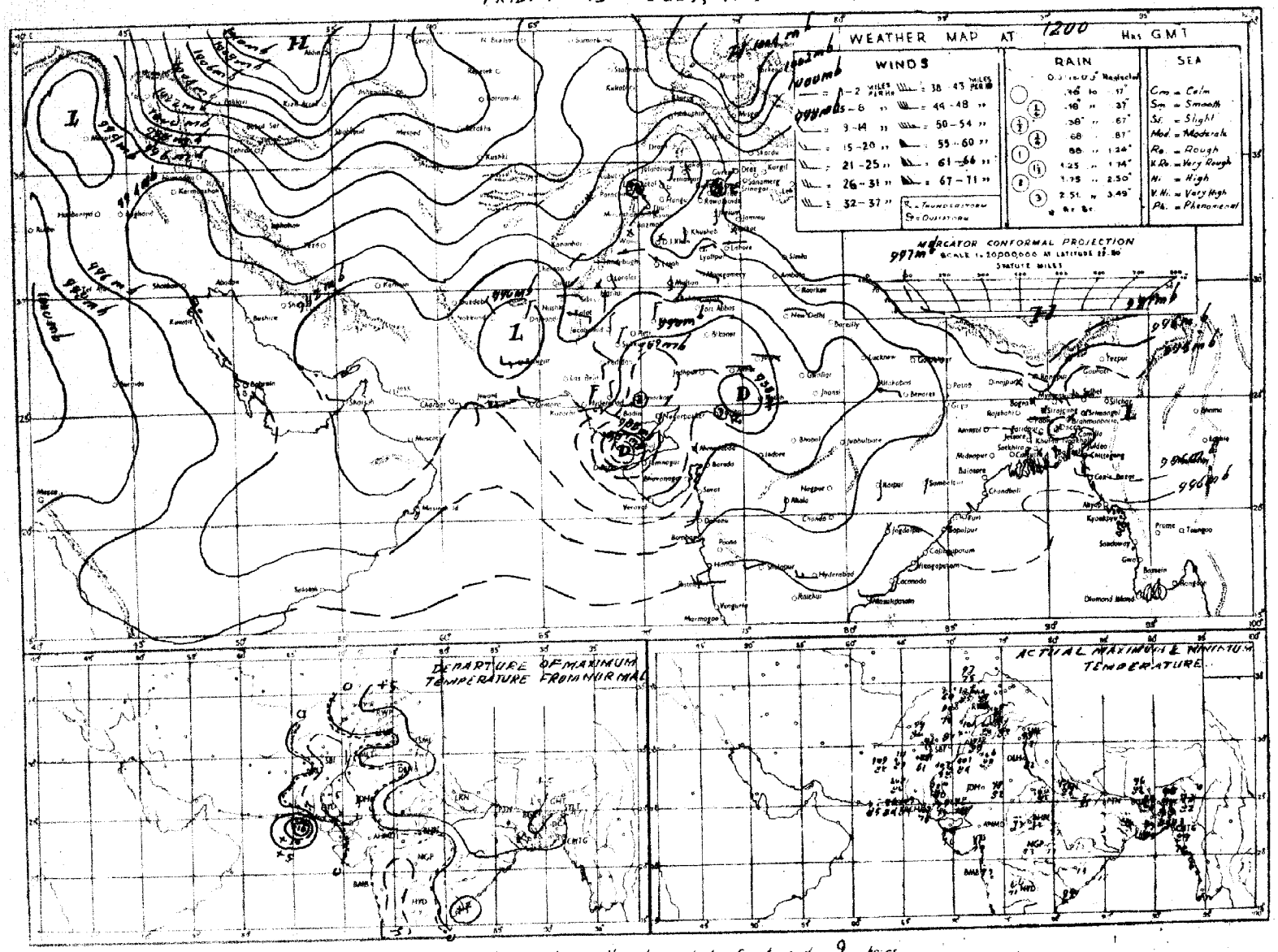
Cloud observation Data (GGiii Cdd V_rV_r etc.)

125 30 326 05

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

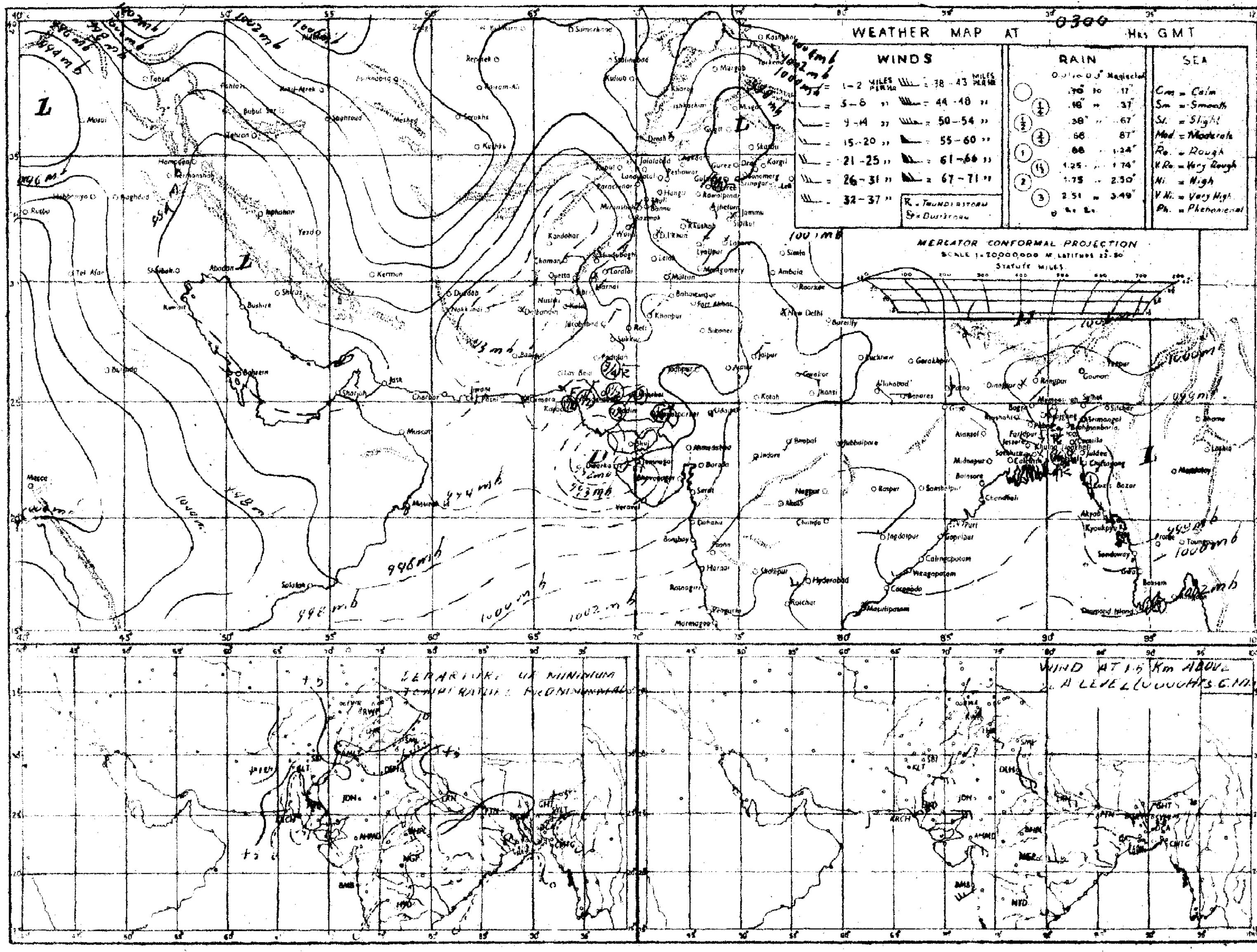
FRIDAY 13th JULY, 1962



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 14th JULY, 1962.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

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WEATHER BUREAU

SUNDAY THE 15th JULY, 1962.

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

Yesterday's depression moved westnorthwestwards and weakened into a well marked low last evening. Continuing to move in the same direction it now lies over the northern sector of the north Arabian sea and is weakening.

The westerly low pressure wave over Kashmir moved away eastwards. The other to day lies over D.I. Khan division and adjoining areas.

Under their influence rain/thundershowers have been fairly widespread in Kalat and Khairpur divisions, local in Multan, Bahawalpur and Karachi divisions and scattered in Quetta division. A few thunderstorms have also been reported from Peshawar division and light rain from Hyderabad divisions.

Observations from ships are lacking and from northeast India meagre but believe an easterly low pressure wave has moved into the north Bay of Bengal.

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

Chief amounts of rainfall are:—Comilla 4"; Dacca 3"; Maijdee Court 2"; Cox's Bazar, Brahmanbaria Mymensigh and Leiah 1½" each; Narayanganj, Jiwani, Padidan and Sukkur 1" each; Sirajganj and Barisal ¾" each; Rangamati and Turbat ½" each and Chittagong, Faridpur, Jessore, Rangpur, Sibi, Panjgur and Nawabshah ¼" each.

Day temperatures were 4—8 °F (2—4 °C) above normal in East Pakistan and in Lahore, Rawalpindi, Sargodha and Multan divisions.

Forecast valid until the evening of 16th July, 1962:—Rain/thundershowers will be fairly widespread in Dacca, Chittagong, Kalat divisions and Kashmir with a few moderate falls, local in Rawalpindi and Peshawar divisions and scattered elsewhere in the country.

Karachi-11
The 15th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
for Director, Meteorological Service.

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 39–42: Rainfall.

Divisions (1)	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	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 † 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)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	003	2	7	18	19	57	29	9	964	85	5	8	4	2	x	78	91	002	9	6	38	02	97	05	9	008	87	1	8	6	4	8	79	79	—	—	—	—	—	—
	Cox's Bazar	133	4	8	00	00	97	63	9	961	79	6	8	4	7	8	77	90	141	8	8	11	13	97	61	6	994	79	5	5	5	2	x	77	76	+ 4	+ 1	48.5	+ 1.7	39.4	140
	Chittagong	006	2	8	23	12	97	03	9	945	80	7	7	5	1	0	78	92	020	9	8	09	03	97	02	9	993	86	5	5	6	2	0	77	76	+ 4	— 1	34.4	+ 3.0	47.9	108
	Maijdee Court	800	9	7	13	05	96	03	1	951	90	5	2	9	2	x	83	94	200	9	5	05	06	97	92	8	999	84	5	5	8	0	0	78	77	+ 8	— 1	26.5	— 9.4	39.9	115
	Comilla	075	1	7	00	08	96	02	6	923	86	7	4	4	x	x	83	98	385	4	8	00	90	97	02	9	963	83	9	4	4	x	x	77	77	+ 10	— 1	22.3	— 2.7	34.8	94
	Brahmanbaria	080	9	5	08	01	97	03	1	946	94	2	4	5	0	9	83	96	141	9	4	10	02	97	21	9	008	81	2	9	5	8	9	80	78	—	—	18.3	— 1.0	33.0	78
	Sylhet	800	8	5	05	02	96	82	1	944	91	2	6	4	1	1	81	97	005	2	4	13	02	96	02	6	035	80	5	8	5	8	8	82	81	—	—	49.5	—	57.5	—
	Srimangal	000	0	0	00	00	96	00	0	938	95	0	0	9	0	0	94	92	000	0	4	00	00	96	03	0	006	87	4	0	4	9	0	79	79	+ 2	+ 3	—	—	—	90
Dacca	Mymensingh	000	0	4	00	00	98	01	1	945	94	0	9	9	0	4	80	97	171	9	8	15	02	96	60	9	079	82	8	7	2	x	x	74	74	+ 9	— 4	24.1	— 1.5	38.4	91
	Narayanganj	000	1	8	18	17	96	17	9	958	97	8	4	2	x	x	74	91	12?	9	7	09	03	97	03	9	0?1	82	5	2	3	7	0	79	75	+ 2	— 4	13.9	— 4.8	34.2	74
	Dacca (Tezgaon)	000	8	5	00	00	97	17	9	942	94	4	9	5	0	1	83	95	291	4	7	18	02	97	63	9	996	77	4	8	5	3	x	77	73	—	—	11.9	—	36.8	—
	Faridpur	000	0	8	16	02	96	02	2	973	92	4	4	4	1	0	81	96	021	0	6	16	02	97	02	5	098	88	3	5	5	1	0	80	xx	+ 8	—	—	—	—	71
Khulna	Barisal	030	0	6	13	02	96	02	2	980	92	6	6	6	0	0	84	94	080	4	6	09	02	97	01	6	032	84	6	0	9	8	0	80	xx	+ 2	—	15.6	— 6.9	20.6	81
	Khulna	000	8	6	00	00	97	01	2	956	89	6	5	5	0	0	84	94	017	9	7	00	03	97	02	6	994	89	7	5	5	0	0	91	80	+ 6	+ 2	16.1	— 3.5	23.7	68
	Satkhira	008	4	6	00	02	97	03	9	961	90	4	4	6	3	0	83	94	010	3	6	05	03	97	03	6	096	84	4	4	6	3	0	78	80	+ 6	+ 2	—	—	—	65
	Jessore	008	4	6	16	02	96	81	6	958	87	4	4	6	6	8	82	91	023	9	8	09	09	96	03	6	997	83	8	7	4	x	x	80	79	—	—	8.8	— 9.7	18.3	67
Rajshahi	Pabna	008	8	4	05	82	99	01	2	943	94	0	9	0	0	2	81	96	005	9	6	13	05	xx	xx	x	992	85	6	8	7	0	0	80	81	—	—	—	—	—	59
	Sirajganj	008	0	1	00	00	98	02	1	942	93	1	1	4	0	0	85	97	075	4	8	13	03	97	02	2	997	85	8	4	5	0	0	77	77	+ 9	— 1	—	—	—	64
	Bogra	0?0	0	4	09	02	96	02	0	944	93	0	0	9	3	1	81	96	035	8	8	00	00	96	07	9	999	85	5	5	5	2	x	80	78	+ 7	— 1	12.8	— 6.6	25.3	69
	Dinajpur	030	6	4	10	00	96	02	2	943	96	4	0	9	2	0	82	01	006	9	6	03	03	96	02	2	997	87	6	0	9	2	0	77	76	+ 12	— 2	10.5	— 11.4	17.7	72
	Rangpur	000	0	3	00	00	96	03	0	946	91	3	0	9	1	0	77	94	030	8	3	07	2	96	01	6	001	88	3	0	9	1	0	85	75	+ 5	— 3	23.5	— 3.3	27.8	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	003	0	0	00	00	96	01	0	944	02	0	0	9	0	1	23	03	000	0	2	18	02	96	05	0	973	94	1	0	9	1	1	81	87	+ 3	+ 7	2.4	— 1.8	6.8	19
	Sialkot	000	0	1	00	00	98	00	0	583	04	0	0	9	0	8	76	05	000	0	1	18	02	97	01	0	977	96	0	0	9	0	0	78	87	+ 7	+ 7	4.3	— 3.1	8.7	32
Rawalpindi	Jhelum	003	0	1	21	03	98	C2	0	919	04	1	1	7	0	0	69	05	00	4	1	13	02	98	02	1	977	87	1	0	9	3	0	73	87	—	—	3.6	—	9.6	—
	Rawalpindi	000	0	1	25	02	99	00	0	933	02	1	2	6	0	0	67	03	0??	0	0	11	02	94	00	0	978	76	0	0	9	0	0	74	84	+ 5	+ 7	3.0	— 2.5	9.6	36
	Campbellpur	000	0	1	00	00	98	01	0	919	97	1	1	8	0	0	61	07	000	0	0	00	00	96	00	1	969	91	0	0	9	0	0	69	86	—	—	0.8	—	9.1	—
Sargodha	Khushab	003	0	3	00	00	98	92	1	942	07	1	3	7	8	0	94	07	00	0	0	02	00	98	03	0	984	97	0	0	9	0	0	91	68	+ 4	+ 6	0.1	— 2.8	5.1	15
	Lyallpur	000	0	6	05	02	97	92	0	940	05	6	0	9	4	0	73	06	00	0	9	25	02	96	09	0	994	94	0	0	9	0	0	78	91	+ 4	+ 9	0.5	— 2.1	4.3	13
Multan	Montgomery	000	0	2	05	01	96	01	1	937	03	1	1	8	0	0	74	06	0?0	0	0	03	00	96	02	0	977	93	0	0	9	0	0	75	87	+ 3	+ 3	0.8	— 1.7	3.3	10
	Multan	000	0	3	09	03	98	02	0	938	07	2	1	6	0	1	71	08	00	2	2	03	00	97	01	0	xxx	xx	0	0	9	0	1	76	88	+ 6	+ 3	0.3	— 1.1	2.9	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	151	9	6	23	04	97	03	2	987	83	0	6	8	9	0	77	75	—	—	1.5	—	3.3	8
Bahawalpur	Khanpur	007	0	5	02	14	91	07	1	916	01	3	2	6	4	0	72	08	014	9	4	10	09	96	03	9	986	86	1	0	9	3	4	78	80	+ 3	— 3	1.1	— 0.2	2.1	4
	Bahawalpur	000	0	1	15	01	97	08	0	xxx	07	0	0	9	0	0	76	08	003	0	3	13	02	98	09	0	994	92	2	0	9	0	0	76	91	+ 5	+ 7	1.3	+ 0.1	2.1	6
	Fort Abbas	000	0	0	09	06	98	00	0	922	05	0	0	9	0	0	65	09	004	0	0	18	02	98	03	0	982	90	0	0	9	0	0	76	86	—	—	0.1	—	0.4	8
Peshawar	Chakdara	000	0	1	36	04	97	01	0	926	87	2	1	8	0	0	64	12	000	0	0	36	01	97	03	0	955	83	0	0	9	0	0	61	76	—	—	0.1	—	9.4	—
	Peshawar	000	0	1	05	09	98	02	0	929	05	1	1	5	3	0	64	06	000	0	1	[illegible]	00	98	02	0	975	95	1	0	9	3	0	68	84	+ 4	+ 4	0.1	— 0.7	6.7	11
	Haripur	000	0	0	23	01	97	00	0	926	01	0	0	9	0	0	64	02	000	0	0	05	01	97	00	0	979	91	0	0	9	0	/	66	80	—	—	2.5	—	9.2	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	929	05	0	0	9	0	0	65	06	000	0	0	00	00	99	00	0	959	96	0	0	9	0	0	75	85	—	—	0.6	—	3.6	11
	D. I. Khan	000	0	0	00	00	98	00	0	135	05	0	0	9	0	0	70	06	000	0	0	00	00	98	00	0	972	94	0	0	9	0	0	74	87	+ 2	+ 4	0	— 1.6	2.9	9
Quetta	Sibi	000	8	0	18	04	96	05	1	920	12	0	0	9	0	2	66	15	015	2	7	07	02	97	05	1	986	83	0	2	9	4	2	76	85	—	—	0.3	—	1.3	5
Kalat	Nokkundi	000	0	0	02	02	98	02	1	855	13	0	0	9	0	0	56	12	000	0	0	00	00	98	02	1	952	96	0	0	9	0	0	63	88	—	—	e	—	0.1	2
	Turbat	035	2	8	18	01	97	03	2	942	45	6	4	6	3	5	xx	07	065	0	1	23	01	97	03	1	981	86	0	0	4	0	1	xx	xx	—	—	0.7	—	3.4	1
	Jiwani	003	2	7	23	09	96	20	5	934	87	2	5	6	2	8	81	93	109	3	5	05	10	98	01	6	968	85	5	0	9	3	0	79	76	—	—	1.1	—	1.8	5
	Pasni	000	2	8	02	05	97	03	5	917	83	8	7	7	0	0	78	95	00	3	6	07	10	97	02	1	971	95	4	7	7	3	0	79	80	+ 3	+ 2	0	— 0.5	0.2	4
Karachi Division	Ormara	000	8	7	09	07	95	03	5	919	89	7	7	5	1	0	79	96	013	8	8	05	07	95	03	2	972	83	8	7	5	1	x	80	79	—	—	0.1	— 0.1	1.1	6
	Lasbela																																								
	Karachi (Manora)	000	8	6	11	14	96	03	2	917	88	6	5	5	0	0	72	92	006	2	6	18	05	96	07	9	981	80	0	0	8	7	0	73	78	+ 3	— 3	2.9	+ 0.7	2.9	8
	Karachi (Airport)	000	9	8	07	14	96	02	2	911	94	5	8	8	0	1	77	00	012	9	8	00	00	96	50	9	986	82	3	5	6	2	x	81	89	—	—	3.2	—	12.2	—
Hyderabad	Nagarparkar	000	8	8	02	00	97	00	0	921	92	0	3	7	5	8	77	94	037	0	6	15	01	97	03	0	939	83	0	6	7	0	5	77	81	—	—	0.8	—	6.8	—
	Umerkot	000	0	6	11	03	98	03	0	925	95	6	3	7	0	0	76	95	000	0	7	20	02	97	03	0	991	85	7	2	7	0	0	77	83	—	—	3.3	—	7.4	—
	Hyderabad	000	0	2	09	02	96	01	0	933	92	2	0	9	2	0	78	94	000	1	7	30	00	96	50	5	995	81	7	0	9	3	0	79	80	+ 5	— 1	2.3	+ 0.5	3.2	7
	Badin	000	0	0	23	02	97	00	0	938	97	0	0	9	0	0	77	98	001	0	0	23	02	97	00	0	003	86	0	0	9	0	0	79	82	+ 3	+ 1	2.3	— 0.1	2.9	9
Khairpur	Padidan	034	2	8	36	03	97	60	6	954	84	6	1	4	2	x	81	02	096	9	7	09	03	98	02	6	996	80	7	0	9	7	0	77	77	—	—	2.0	—	2.8	—
	Nawabshah	004	0	6	13	07	96	02	5	938	95	2	1	6	0	6	73	95	026	9	8	00	03	96	02	9	004	81	3	0	9	3	1	77	75	—	—	2.4	—	2.8	—
	Sukkur	055	2	8	12	03	97	03	8	934	85	8	0	9	9	0	83	05	093	6	4	23	03	97	01	6	983	84	0	0	9	0	8	78	79	—	—	0.9	—	0.9	4
	Kashmore	000	2	6	05	07	98	03	4	938	xx	6	1	4	0	0	85	xx	000	0	6	00	00	99	02	0	957	92	6	1	4	0	0	74	78	—	—	0	—	0	—
	Jacobabad	000	0	6	05	07	96	02	2	938	09	4	5	7	7	0	85	11	006	6	5	31	02	97	01	9	985	87	4	9	9	4	8	91	84	+ 2	— 3	0.1	— 0.6	1.0	4
Junagadh	Veraval	xxx	x	8	23	21	96	21	6	956	85	5	7	4	3	2	81	xx	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—						20
Afghanistan	Jalalabad																																								
Arabia	Muscat																																								4
	Kuwait																																								5
	HILL STATIONS																																								
Kashmir	Srinagar *	xxx	x	3	36	04	97	02	1	395	90	8	2	6	3	0	50	xx	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—					26
	Gulmarg **																																								—
	Sonamarg **																																								71
	Dras **																																								24
	Leh **																																								3
	Skardu *																																								6
	Misgar **	000	0	4	00	00	98	01	0	079	74	0	0	9	3	3	39	75	004	8	4	18	02	98	01	0	116	63	0	0	9	3	0	37	36	—	—	—	—		—
	Aliabad *																																								—
	Gilgit *	000	0	3	00	00	99	01	1	449	95	5	3	5	0	0	74	59	000	0	0	00	00	99	00	0	975	83	0	0	9	0	0	67	68	—	—	—	—	—	5
Rawalpindi	Murree *	000	9	3	07	02	98	02	1	416	78	5	1	4	0	0	63	84	003	9	2	27	12	98	01	1	447	72	0	0	9	0	0	61	63	+ 7	+ 4	5.3	— 4.2	23.6	59
Peshawar	Drosh *	000	3	6	23	05	97	01	9	396	90	6	8	7	0	0	51	99	000	0	2	03	00	99	01	2	455	77	1	1	7	3	0	57	76	+ 3	+ 3	0.9	—	12.9	18
	Cherat *	000	0	0	13	11	98	00	0	395	93	0	0	9	0	0	75	98	000	0	0	13	01	98	03	0	394	84	0	0	9	0	0	71	60	+ 9	— 11	1.6	— 1.4	25.8	29
	Kakul *	000	8	5	23	07	98	03	1	414	90	5	4	6	0	0	65	94	000	2	1	36	02	98	01	9	445	84	1	4	6	0	0	66	75	—	—	1.9	—	17.5	—
	Landikotal *	000	0	2	13	03	98	01	0	404	96	7	1	7	0	0	74	92	003	0	0	00	00	97	00	0	432	90	0	0	9	0	0	68	76	—	—	0.5	—	12.2	—
	Parachinar *																																								29
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	417	68	0	0	9	0	0	69	59	000	0	2	05	05	99	01	1	427	68	2	4	8	0	0	66	81	—	—	0.2	— 1.5	3.0	13
	Wana *	000	0	4	00	00	99	01	1	529	92	4	0	9	0	9	57	93	000	0	0	00	00	97	00	0	513	82	0	0	9	0	0	61	73	—	—	2.9	—	11.2	11
Quetta	Fort Sandeman *	000	0	2	11	01	99	01	0	452	92	2	0	8	3	0	67	94	000	0	0	00	00	99	01	0	453	82	0	0	9	0	0	67	76	— 6	+ 1	3.1	+ 1.5	2.8	14
	Hindubagh *	000	0	3	09	10	97	00	0	373	90	0	0	6	8	0	54	91	000	0	0	13	02	97	00	0	420	79	0	0	9	0	0	39	64	—	—	0.8	—	4.6	—
	Loralai *	000	0	4	13	03	99	00	1	372	90	0	0	9	1	1	59	92	000	0	0	13	01	99	00	0	431	83	0	0	9	0	0	65	69	—	—	0.2	—	4.3	9
	Harnai *	000	0	6	16	05	97	03	0	xxx	00	0	1	5	0	0	55	01	000	0	0	00	00	97	03	0	xxx	88	0	0	9	0	0	66	84	—	—	1.3	— 0.4	4.5	14
	Quetta *	000	0	1	13	05	96	02	C	369	91	1	1	5	0	0	65	92	030	9	1	23	02	97	01	1	428	89	0	0	9	0	1	66	71	—	—	—	—	[illegible]	9
	Chaman *	001	3	6	23	07	98	02	6	397	91	6	2	3	0	0	58	92	001	0	0	11	00	98	00	0	420	89	0	0	9	0	0	48	81	— 10	+ 5	0	— 0.1	4.2	8
	Nushki *	000	0	0	09	09	98	02	0	405	03	0	0	9	0	0	54	05	000	0	2	09	05	98	03	0	435	90	2	0	9	0	2	68	86	—	—	0	—	1.4	—
	Dalbandin *	000	0	4	09	05	95	05	0	379	09	3	0	7	3	0	49	11	004	9	1	23	03	95	05	9	421	89	1	0	9	3	0	63	86	+ 2	+ 8	0	0	1.1	4
Kalat	Kalat *	000	5	8	07	05	98	C3	2	358	80	2	0	9	0	3	57	85	000	0	0	13	03	98	03	2	414	72	2	6	8	1	2	60	62	— 6	0	0.1	— 0.4	2.1	7
	Panjgur *	028	3	6	00	00	97	21	6	369	84	6	0	1	7	0	73	96	028	0	3	60	03	97	03	8	413	84	3	0	9	3	0	71	76	— 7	— 1	0.3	—	1.3	8
Afghanistan	Kabul *																																								
	Kandhar *																																								

† Given in Code.

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

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

RR 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 15th JULY, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_oL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ... W	PPP TT	$N_hC_hh_hC_mC_H$	D_aV_a a PP	8 $N_sC_sh_sh_s$	$OT_aT_aT_aT_a$	$Id_ad_aP_aH_a$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dunaria	73 236	574 00	9 05 18	97 63 2	981 19	8x x xx	75 4 00	—	00 3 79	10 5 xx
Caltex the Hague	73 250	576 04	5 19 05	98 63 1	941 90	86 5 07	—	—	00 0 81	11 0 30
Caltex Leider	73 231	596 06	6 08 04	97 81 1	940 86	69 6 40	—	—	05 2 81	10 9 21
Al Sina	73 273	533 06	9 30 13	98 02 0	936 92	80 0 00	78 1 08	—	00 1 75	13 0 32
Ems Rotterdam	73 237	598 12	8 18 15	96 03 3	972 86	85 5 xx	74 8 02	—	05 4 82	11 5 32
Nederweier	73 120	595 12	8 23 40	96 02 2	904 00	57 4 1x	—	—	00 1 74	12 3 02
Caltex the Hague	73 287	597 12	8 15 38	97 03 1	936 86	87 3 xx	—	—	05 0 81	11 5 32
Arlmond	73 178	510 12	6 20 16	98 03 0	925 90	80 9 06	76 6 05	—	00 1 85	13 0 32
Dunaria	73 248	622 18	7 03 08	98 03 2	992 86	75 5 30	25 2 38	—	00 1 82	10 3 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTTTdTdTd	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
Sugra	—													
Chittagong	—													
Dacca	—	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—
Bunai	—													
Karachi	—	00 00	992 272 268	—	—	131 185 152	—	310 092 058	426 022 585	571 545 605	743 639 999	956 972	—	—
Lahore	—	00 00	974 332 258	530 xxx xxx	—	140 285 214	—	313 141 102	409 052 998	587 525 995	—	—	—	—
Multan	—													
Peshawar	—													
Quetta	—													

STATION	Time of ascent in G.M.T.	At Significant Levels: PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Sugra	—												
Chittagong	—												
Dacca	—	00 00	MISDA	—	—	—	—	—	—	—	—	—	—
Bunai	—												
Karachi	—	00 00	900 238 912	800 162 122	—	—	—	—	—	—	800 162 122	—	—
Lahore	—	00 00	900 308 222	800 252 192	—	—	—	—	—	—	800 252 192	—	—
Multan	—												
Peshawar	—												
Quetta	—												

PPP—Pressure in hundreds cons and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenth of °C.)
6s—Character of tropopause.

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 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
Sugra —	01 05	11 05	10 07	10 15	11 18	10 19	08 21	08 25	09 19	10 15	09 21	08 23	07 23	06 21	05 31	11 11	10 13	11 18								
Chittagong —	—	13 01	16 01	16 03	13 04	05 03	26 93	23 30	—	—	12 10	14 07	10 04	23 03	27 08	—	18 02	14 01	25 02	32 04	35 05	35 06	29 10	27 27	26 15	—
Cidner —	12 08	13 13	18 13	10 19	18 23	10 21	—	—	—	19 14	20 12	18 10	15 09	14 08	15 08	21 10	11 14	21 10	19 07	—	—	—	—	—	—	—
Chittagong —	19 17	20 19	20 25	—	—	—	—	—	—	09 15	10 16	12 23	—	—	—	15 18	15 13	16 12	—	—	—	—	—	—	—	—
Cox's Bazar —	No	Ascent	—	—	—	—	—	—	—	—	—	—	—	—	—	15 25	15 37	—	—	—	—	—	—	—	—	—
Dacca —	23 07	23 04	23 03	xx xx	xx xx	xx xx	08 04	08 04	08 06	13 21	14 20	—	—	—	—	11 08	12 15	12 23	12 30	12 31	13 20	—	—	—	—	—
Dalbandin —	—	—	10 06	05 06	33 06	05 07	—	—	—	—	—	17 05	12 08	05 04	35 05	—	—	18 05	15 05	11 05	05 11	05 27	07 27	08 21	07 15	—
D.I. Khan —	—	—	—	—	23 11	21 06	—	—	—	—	—	—	21 01	23 01	32 02	—	—	—	—	—	—	—	—	—	—	—
Drosh —	—	—	—	10 05	09 05	04 04	33 03	—	—	—	—	—	17 03	25 05	04 07	—	—	—	—	23 06	20 07	21 03	01 13	01 13	36 14	—
Fort Sandeman —	08 13	07 17	09 17	—	—	—	—	—	—	07 07	16 04	20 02	07 13	11 17	—	21 03	34 04	39 09	32 01	03 04	09 07	07 09	10 08	16 01	19 21	22 16
Jacobabad —	29 04	01 04	10 05	11 06	09 12	08 19	09 24	09 26	09 29	11 17	11 14	10 08	08 12	06 10	—	10 10	10 13	11 13	11 17	06 07	02 16	08 17	10 17	12 17	12 15	—
Jacobabad —	—	—	—	—	—	—	—	—	—	12 07	21 07	22 11	26 07	33 04	32 03	23 05	22 07	27 05	29 07	30 07	—	—	—	—	—	—
Bunai —	24 07	28 01	02 18	04 19	05 18	07 25	—	—	—	08 26	07 28	08 27	08 31	08 33	06 42	07 20	08 09	08 30	08 29	08 28	07 26	09 25	10 13	09 07	13 07	10 15
Karachi —	09 10	09 17	10 21	09 22	—	—	—	—	—	—	—	—	—	—	—	17 08	15 06	—	—	—	—	—	—	—	—	—
Khanpur —	—	—	—	—	—	—	—	—	—	22 14	21 15	22 19	23 31	23 16	31 05	19 10	22 08	22 07	10 05	09 13	09 19	08 13	11 13	13 28	—	—
Lahore —	06 08	10 03	11 04	10 06	05 01	04 02	35 04	35 01	—	18 09	19 10	19 08	26 04	02 04	09 04	24 02	22 04	22 04	21 03	09 02	36 04	36 24	32 05	32 07	34 05	—
Multan —	08 10	08 13	09 17	09 21	—	—	—	—	—	16 10	16 13	15 10	12 04	36 02	03 10	20 06	15 05	12 02	08 06	11 02	10 07	09 10	08 10	08 10	—	—
Multan —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Peshawar —	—	09 15	06 12	02 11	07 20	07 23	—	—	—	—	09 05	07 06	09 04	19 04	27 07	—	04 06	34 07	08 10	10 15	17 21	07 13	—	—	—	—
Peshawar —	—	—	—	—	15 07	24 04	—	—	—	—	—	—	—	30 03	32 08	—	—	—	24 06	35 06	24 05	33 08	31 10	03 13	39 19	27 13
Quetta —	—	—	—	—	11 08	11 12	36 09	32 10	09 23	—	—	—	—	—	—	—	—	—	—	10 02	12 06	08 10	09 16	11 15	15 07	15 08
Quetta —	—	—	—	—	—	—	15 07	09 17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah —	08 08	11 09	13 10	09 11	09 13	10 20	—	—	—	13 07	08 12	19 17	—	—	—	11 23	10 21	10 28	12 27	13 18	19 23	—	—	—	—	—
Sharjah —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Yanbul —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

†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 12	13 15	11 10	11 20	11 19	10 17	10 16	12 16	12 15	12 15	22 17	—	—	—	—	—	—	—
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.

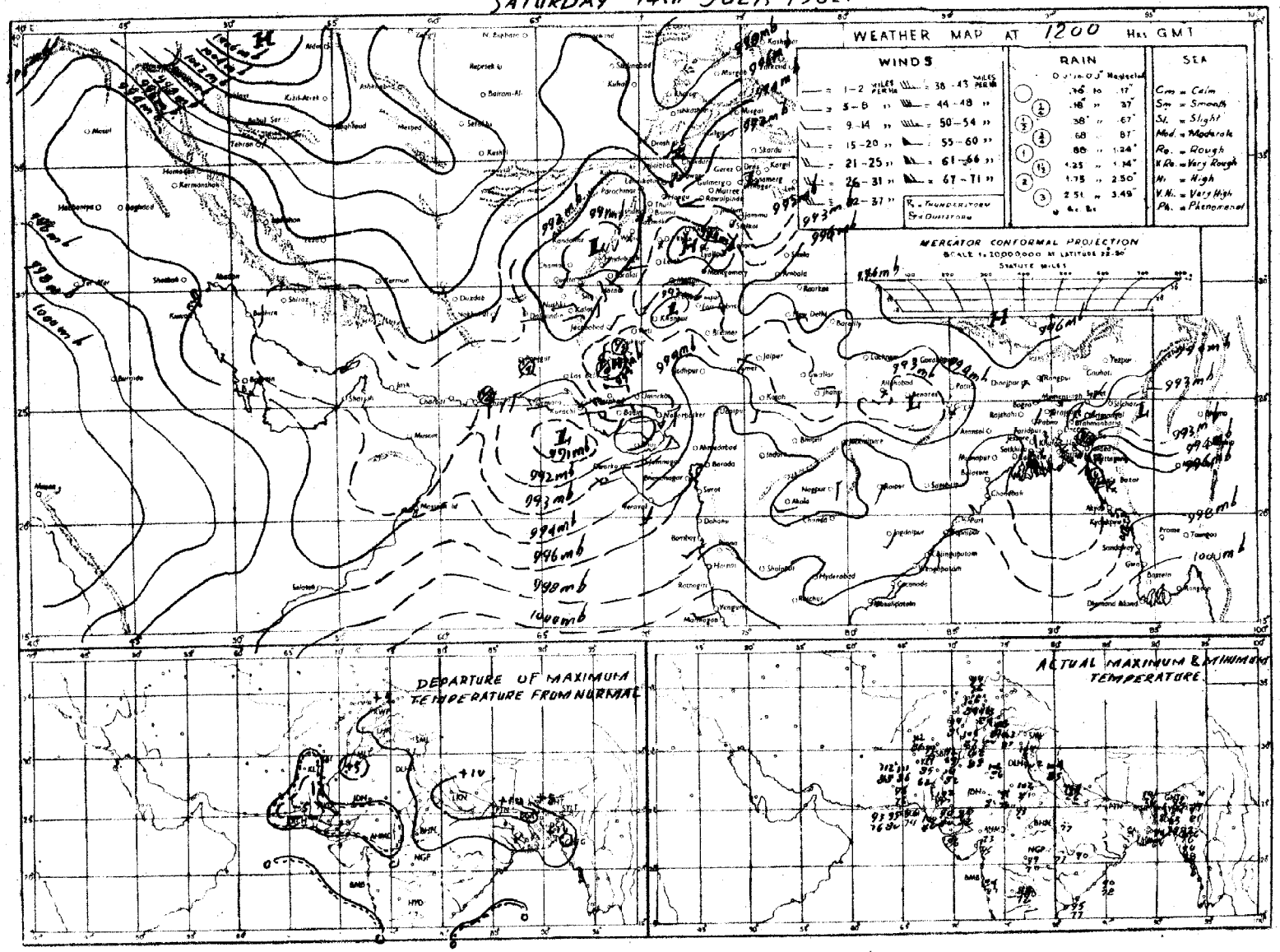
Cloud observation Data (GGiii Cdd V_rV_r etc.)

117 15 606 20
117 12 606 00

this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather General, Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

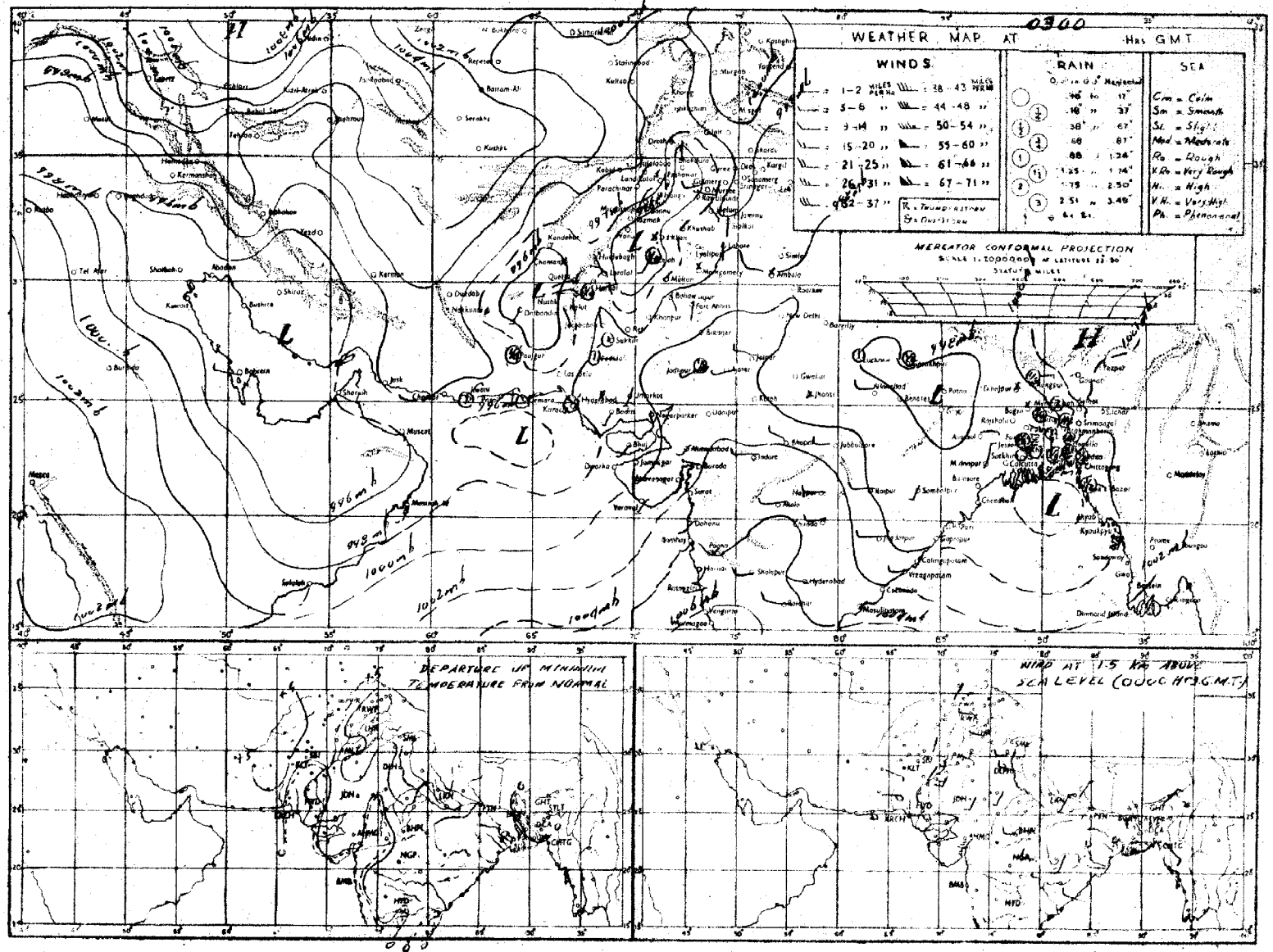
SATURDAY 14th JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 15th JULY, 1962.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

MONDAY THE 16th JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Observations are lacking but believe yerterday's well marked low has weakened and now lies as a trough of low over the western sector of north Arabian Sea and Gulf of Oman. Uuder its influence rainfall has been local in Hyderabad division and scattered in Karachi and Kalat divisions.

The westerly low pressure wave over D. I. Khan division has moved to Rawalpindi division and adjoining areas. It has caused local thunderstorms or showers in Quetta division and scattered in Lahore and Rawalpindi divisions.

Yesterday's low pressure area in north Bay of Bengal has developed into a well marked low and today lics over Chota Nagpur and adjoining areas.

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

Chief amounts of rainfall are:- Maijdee Court 3"; Comilla and Jessore 2" each ; Cox's Bazar, Faridpur, Satkhira and Nagarparkar (up to 1200 GMT) 1¼" each ; Narayanganj, Barisal and Sirajganj 1" each ; Dacca and Ormara 3/4" each; Chittagong, Sylhet and Pabna 1/2" each and Brahmanbaria, Khulna (up to 0000GMT), Bogra (up to 0000 GMT) Sialkot and Turbat 1/4" each.

Day temperatures were 4—10 °F (2—6 °C) below normal in Kalat, Hyderabad and Khairpur divisions and were 5—9 °F (3—5 °C) above normal in Pakistan, Rawalpindi, Sargodha, Lahore and Multan divisions.

Forecast valid until the evening of 17th July, 1962:—Rain/thundershowers will be fairly widespread in East Pakistan, Lahore and Rawalpindi divisions and in Kashmir, local in Peshawar and Sargodha divisions and scttered in Kalat, D. I. Khan and Multan divisions.

Heavy Rainfall Warning:- Locally moderately heavy to heavy falls are likely to occur over Chittagong, Dacca and Khulna divisions during next 36 hours.

Karachi-11
The 16th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
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 † Ws (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	031	9	7	16	19	97	61	6	985	82	5	5	5	2	0	77	83
	Cox's Bazar	004	4	7	13	09	97	61	6	986	84	5	6	5	2	0	76	88
	Chittagong	015	7	8	13	13	96	03	6	976	83	6	0	5	0	0	75	88
	Maijdee Court	150	2	8	13	19	97	82	6	959	81	8	4	4	x	x	78	98
	Comilla	010	4	6	13	82	97	83	9	986	83	6	0	9	2	0	77	91
	Brahmanbaria	000	0	7	13	05	96	83	2	985	86	6	8	5	6	0	77	94
	Sylhet	000	5	5	00	00	96	92	5	989	81	5	0	4	0	0	78	92
	Srimangal																	
Dacca	Mymensingh	006	8	8	13	02	97	82	6	982	85	8	7	4	x	x	78	92
	Narayanganj	060	2	8	13	05	96	62	9	970	82	8	7	2	x	x	78	92
	Dacca (Tezgaon)	053	5	7	13	05	97	81	9	961	81	4	3	5	2	0	78	90
	Faridpur	009	3	8	16	16	96	02	6	962	83	4	4	6	1	0	77	89
Khulna	Barisal	035	3	8	09	13	96	92	6	963	84	8	6	6	0	0	78	87
	Khulna	036	1	8	13	05	96	03	6	950	81	8	7	4	x	x	81	89
	Satkhira	090	0	8	00	80	96	63	6	956	80	8	7	4	x	y	79	80
	Jessore	032	3	8	18	05	96	60	6	958	87	8	8	5	x	x	72	89
Rajshahi	Pabna	062	2	8	09	82	96	97	9	962	79	8	7	7	x	x	78	90
	Sirajganj	010	2	8	13	02	97	02	5	966	83	8	7	5	0	0	82	91
	Bogra	005	1	6	09	03	96	21	3	968	84	4	6	5	2	x	80	89
	Dinajpur	009	0	6	09	02	96	01	1	972	86	2	0	9	1	9	78	92
	Rangpur	000	0	4	13	02	96	01	2	980	83	1	2	6	2	0	80	98
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	31	07	96	01	0	933	06	1	1	8	3	0	71	06
	Sialkot	000	0	x	00	00	97	02	0	917	06	2	1	6	x	x	73	08
Rawalpindi	Jhelum	000	3	2	23	03	98	02	0	915	04	2	1	3	0	0	74	05
	Rawalpindi	000	0	2	27	05	98	03	0	918	06	2	2	6	0	0	64	06
	Campbellpur	000	0	2	00	00	98	01	0	899	09	1	1	8	1	1	73	11
Sargodha	Khushab	000	0	0	23	02	98	98	0	904	10	0	0	9	0	0	99	12
	Lyallpur	000	0	5	05	02	97	02	0	937	06	5	0	9	4	0	71	08
Multan	Montgomery	000	8	2	00	00	96	82	0	925	06	2	2	8	0	0	78	09
	Multan	000	0	3	18	02	98	03	0	933	07	3	2	6	0	0	75	09
	Leiah	000	0	2	16	02	97	01	0	011	00	0	1	8	0	0	78	05
Bahawalpur	Khanpur	000	0	3	23	05	96	02	1	942	01	2	2	6	0	1	75	01
	Bahawalpur	000	0	4	00	00	98	00	0	937	07	4	0	9	0	0	76	08
	Fort Abbas	000	0	0	18	02	98	00	0	929	06	0	0	9	0	0	71	08
Peshawar	Chakdara	000	0	0	13	01	97	00	0	979	03	0	0	9	0	0	67	04
	Peshawar	000	0	1	05	05	97	01	0	907	06	1	1	6	0	0	64	07
	Haripur	000	0	0	31	01	97	00	0	904	05	0	0	9	0	0	69	07
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	901	08	0	0	9	0	9	69	09
	D. I. Khan	000	0	0	11	02	98	00	0	923	07	0	0	9	0	0	72	05
Quetta	Sibi	000	9	8	05	02	94	09	1	959	93	4	2	9	4	2	65	17
Kalat	Nokkundi	000	3	8	05	13	95	03	3	981	84	8	0	9	4	0	71	07
	Turbat	008	0	6	16	05	97	03	1	959	87	5	3	9	5	0	xx	03
	Jiwani	000	0	7	09	17	98	03	1	954	87	5	4	5	0	1	79	90
	Pasni	000	8	4	07	14	97	03	1	969	87	2	4	7	3	0	80	88
Karachi Division	Ormara	080	1	7	09	09	95	03	6	962	85	7	7	4	1	0	81	86
	Lasbela																	
	Karachi (Manora)	000	0	6	23	12	96	03	2	974	86	0	C	9	0	7	77	89
	Karachi (Airport)	000	0	5	23	09	96	01	2	976	87	3	5	6	3	1	78	91
Hyderabad	Nagarparkar	143	0	6	00	00	97	00	0	916	91	0	6	6	0	0	80	92
	Umerkot	000	0	6	23	02	98	02	0	960	97	6	2	7	0	0	77	99
	Hyderabad	012	3	3	18	03	97	01	6	970	93	3	5	6	0	0	79	94
	Badin	000	0	0	23	02	97	00	0	986	96	0	0	9	0	0	76	98
Khairpur	Padidan	000	0	3	18	03	97	03	1	966	95	3	2	6	0	0	78	95
	Nawabshah	000	0	2	13	05	96	01	2	977	95	2	1	6	0	0	77	95
	Sukkur	000	0	6	20	03	97	03	2	953	95	6	0	9	8	0	81	98
	Kashmore	000	0	0	00	00	98	20	1	xxx	xx	0	0	9	0	0	78	xx
	Jacobabad	000	0	3	18	05	97	03	0	955	01	2	2	7	0	2	83	03
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardo *																	
	Misgar **	000	0	7	00	00	98	01	0	079	74	0	0	9	3	3	39	75
	Aliabad *																	
	Gilgit *	000	0	3	00	00	98	01	1	449	95	3	5	8	0	0	74	99
Rawalpindi	Murree *	000	0	5	29	05	98	03	1	402	60	5	1	4	0	0	62	82
Peshawar	Drosh *	000	0	3	23	10	98	01	0	373	99	3	0	9	3	0	42	02
	Cherat *	000	0	0	13	09	98	00	0	396	96	0	0	9	0	0	74	99
	Kakul *	000	0	2	23	03	98	02	1	401	95	2	3	7	0	0	66	96
	Landikotal *	000	0	1	13	05	97	03	0	392	99	1	1	7	0	0	77	01
	Parachinar *	000	0	5	00	00	99	03	1	489	87	5	1	9	1	0	57	90
D. I. Khan	Miranshah *	000	0	0	05	05	99	00	0	408	01	0	0	9	0	0	66	00
	Wana *	000	0	3	00	00	99	01	1	513	95	3	0	9	5	0	xx	98
Quetta	Fort Sandeman *	000	0	3	02	01	99	03	9	408	97	1	5	7	3	0	64	00
	Hindubagh *	000	0	3	19	09	97	00	0	378	93	0	0	8	0	0	46	94
	Loralai *	000	0	6	16	03	99	00	2	406	92	0	0	9	1	2	61	95
	Harnai *	008	4	7	00	00	97	03	9	xxx	91	6	9	5	1	0	66	00
	Quetta *	000	9	5	23	02	97	03	1	387	88	0	2	5	0	0	68	94
	Chaman *	000	0	6	23	07	98	02	1	376	01	6	9	5	0	0	50	02
	Nushki *	000	5	7	18	09	98	03	0	418	88	7	6	6	9	0	72	03
	Dalbandin *	000	5	7	13	21	92	07	9	413	80	5	7	7	2	0	61	05
Kalat	Kalat *	000	5	8	09	07	98	03	5	381	76	3	2	7	2	4	59	81
	Panjgur *	000	0	6	09	14	97	03	1	411	90	6	4	7	0	0	66	93
Afghanistan	Kabul *																	
	Kandhar *																	

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	Rangamati	000	0	7	18	09	97	05	1	050	85	5	7	5	1	x	76	79
	Cox's Bazar	170	9	8	18	13	97	61	6	042	82	5	4	5	2	x	79	77
	Chittagong	065	9	8	13	21	96	63	6	039	78	8	7	5	x	x	75	77
	Maijdee Court	310	9	8	13	13	96	63	6	037	79	6	2	5	2	0	77	76
	Comilla	240	3	8	18	13	96	61	6	012	78	8	4	4	x	x	77	77
	Brahmanbaria	031	2	7	13	07	97	03	6	031	83	7	5	5	0	0	77	78
	Sylhet	053	9	7	09	05	96	03	6	040	xx	4	8	5	6	0	77	76
	Srimangal	000	0	0	18	09	98	00	0	034	87	0	0	9	0	0	76	78
Dacca	Mymensingh	006	0	6	13	05	97	02	1	033	84	6	4	4	0	0	77	78
	Narayanganj	102	2	8	13	10	96	61	6	017	79	8	7	2	x	x	78	79
	Dacca (Tezgaon)	081	9	8	13	05	96	61	6	012	79	7	7	3	2	x	78	79
	Faridpur	154	0	9	16	02	96	02	6	12	81	6	5	5	1	0	78	76
Khulna	Barisal	102	4	8	09	10	96	52	9	018	82	8	7	6	x	x	76	78
	Khulna	—																
	Satkhira	165	9	8	00	07	96	03	6	003	80	4	4	4	2	x	79	78
	Jessore	182	9	8	13	07	96	01	6	992	83	8	7	5	x	x	83	78
Rajshahi	Pabna	067	6	6	13	25	99	03	6	996	85	2	7	6	3	0	77	77
	Sirajganj	110	7	8	13	10	98	02	2	012	83	8	4	5	0	0	82	77
	Bogra	...																
	Dinajpur	008	9	4	09	02	96	02	2	007	84	4	0	9	2	0	77	77
	Rangpur	000	0	4	09	05	96	01	2	029	85	4	0	9	2	0	78	75
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	6	6	05	05	96	02	1	973	83	5	0	6	7	1	73	81
	Sialkot	020	1	6	05	03	97	02	6	976	80	8	5	9	x	x	77	80
Rawalpindi	Jhelum	000	1	6	13	03	98	21	2	964	84	3	3	6	1	0	72	82
	Rawalpindi	000	0	0	18	02	98	00	0	946	94	0	0	9	0	0	76	84
	Campbellpur	000	0	0	00	00	98	00	1	920	96	0	0	9	0	0	69	91
Sargodha	Khushab	000	0	2	23	05	98	02	0	949	97	2	0	9	5	0	91	91
	Lyallpur	000	0	4	00	00	96	02	0	954	92	4	0	9	4	0	78	91
Multan	Montgomery	000	0	0	23	03	96	02	0	953	97	0	0	9	0	0	77	90
	Multan	000	0	3	18	03	97	02	0	939	92	0	0	9	0	1	78	89
	Leiah	000	0	0	16	01	97	00	0	066	98	0	0	9	0	0	79	82
Bahawalpur	Khanpur	000	0	2	23	12	94	07	0	959	89	1	0	9	3	1	78	85
	Bahawalpur	000	0	3	20	04	97	00	0	960	91	3	0	9	0	0	79	83
	Fort Abbas	000	0	0	23	02	98	00	0	970	93	0	0	9	0	0	75	89
Peshawar	Chakdara	000	0	0	36	01	97	00	0	902	88	0	0	9	0	0	67	81
	Peshawar	000	0	1	31	05	97	03	0	929	xx	1	0	9	3	0	69	87
	Haripur	000	3	3	36	02	97	03	1	928	97	3	0	9	0	5	75	88
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	870	96	0	0	9	0	0	75	67
	D. I. Khan	000	0	0	00	00	98	00	0	931	92	0	0	9	0	0	78	86
Quetta	Sibi	000	2	2	05	02	97	05	0	965	90	0	0	9	2	1	77	86
Kalat	Nokkundi	000	9	4	00	00	96	01	2	965	87	4	0	9	2	0	71	81
	Turbat	020	0	6	23	01	97	03	2	984	85	5	3	9	5	0	xx	xx
	Jiwani	003	4	7	11	02	96	50	5	994	82	7	7	4	0	0	79	80
	Pasni	003	3	6	07	07	97	02	2	996	81	4	4	7	4	0	80	80
Karachi Division	Ormara	086	2	8	00	00	94	03	6	995	80	8	7	4	x	x	79	79
	Lasbela																	
	Karachi (Manora)	000	2	2	27	14	96	03	5	988	79	0	0	5	1	0	73	77
	Karachi (Airport)	001	3	5	25	07	96	02	5	993	84	5	5	5	0	0	78	82
Hyderabad	Nagarparkar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Umerkot	000	0	6	20	03	97	02	0	986	85	6	2	7	0	0	78	80
	Hyderabad	012	9	3	20	07	97	03	5	986	83	3	5	6	0	0	79	81
	Badin	000	0	0	23	02	97	00	0	003	85	0	0	9	0	0	79	81
Khairpur	Padidan	000	0	2	18	07	98	02	0	969	84	0	0	9	0	1	77	80
	Nawabshah	000	0	6	18	05	98	03	2	981	84	0	0	9	0	6	76	80
	Sukkur	000	9	4	20	03	97	01	2	965	83	0	0	9	0	3	79	83
	Kashmore	000	0	0	00	00	99	00	0	952	83	0	0	9	0	0	76	79
	Jacobabad	000	0	2	18	03	96	02	0	965	90	0	0	9	0	1	83	86
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardo *																	
	Misgar **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Aliabad *																	
	Gilgit *	000	0	0	00	00	99	00	0	480	84	C	0	9	0	0	61	70
Rawalpindi	Murree *	000	9	5	27	02	98	02	1	416	71	5	1	4	0	0	62	66
Peshawar	Drosh *	000	0	0	00	00	99	02	0	416	48	0	0	9	0	0	58	77
	Cherat *	000	0	0	13	01	98	00	0	383	85	0	0	9	0	0	79	63
	Kakul *	000	9	4	10	03	97	03	1	413	85	4	4	6	0	0	68	79
	Landikotal *	000	0	0	00	00	97	00	0	397	92	0	0	9	0	0	72	78
	Parachinar *	000	3	5	00	00	99	01	0	420	77	5	1	9	1	0	58	70
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	489	90	0	0	9	0	0	65	84
	Wana *	000	0	0	00	00	99	00	0	513	87	0	0	9	0	0	57	75
Quetta	Fort Sandeman *	000	0	0	00	00	99	01	0	420	83	0	0	9	0	0	68	79
	Hindubagh *	000	0	0	25	09	97	00	0	397	83	0	0	9	0	0	55	75
	Loralai *	000	0	0	31	02	99	00	0	404	83	0	0	9	0	0	67	70
	Harnai *	008	0	1	00	00	97	01	0	392	85	0	0	9	0	1	67	73
	Quetta *	000	0	0	00	00	96	00	0	406	80	0	0	9	0	0	65	71
	Chaman *	000	0	0	23	07	98	00	0	408	88	0	0	9	0	0	46	80
	Nushki *	000	9	3	18	05	98	01	2	425	88	3	0	9	0	3	69	83
	Dalbandin *	000	9	4	27	05	96	01	5	416	87	1	5	7	3	0	68	85
Kalat	Kalat *	000	0	0	31	02	98	00	0	424	73	0	0	9	0	0	59	60
	Panjgur *	000	0	5	23	02	98	03	0	414	79	5	5	5	0	0	73	75
Afghanistan	Kabul *																	
	Kandhar *																	

Departure from Normal of / Rainfall

Divisions (1)	Stations (2)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1962 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1962 to date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	—	—	—	—	—	—
	Cox's Bazar	+ 3	0	50.2	+ 1.6	61.4	140
	Chittagong	+ 2	0	35.1	+ 2.5	48.7	108
	Maijdee Court	+ 2	— 2	23.5	— 7.7	43.4	115
	Comilla	+ 10	0	24.7	— 1.1	36.9	94
	Brahmanbaria	—	—	18.6	— 1.4	36.3	78
	Sylhet	—	—	41.0	—	68.1	—
	Srimangal	+ 2	—	—	—	—	98
Dacca	Mymensingh	+ 4	0	24.2	— 1.9	29.1	91
	Narayanganj	+ 3	0	14.9	— 4.3	32.2	74
	Dacca (Tezgaon)	—	—	17.2	—	27.6	—
	Faridpur	+ 1	— 2	—	—	—	71
Khulna	Barisal	0	— 1	16.6	— 6.4	30.5	81
	Khulna	+					68
	Satkhira	— 8	0	—	—	—	65
	Jessore	—	—	9.9	— 9.3	20.1	65
Rajshahi	Pabna	—	—	—	—	—	59
	Sirajganj	+ 3	— 2	—	—	—	64
	Bogra	— 0					69
	Dinajpur	+ 3	— 2	10.5	— 17.1	17.9	72
	Rangpur	+ 0	—		—	—	84
Kashmir	Jammu						
Lahore	Lahore (Jail Rd.)	+ 6	+ 2	2.4	— 2.0	8.8	19
	Sialkot	+ 10	0	4.5	— 3.2	8.7	32
Rawalpindi	Jhelum	—	—	3.6	—	9.6	
	Rawalpindi	+ 8	+ 7	3.9	— 2.8	9.6	36
	Campbellpur	—	—	0.8	—	9.1	—
Sargodha	Khushab	+ 9	+ 9	0.1	— 2.9	5.1	15
	Lyallpur	+ 6	+ 9	0.5	— 2.3	4.3	12
Multan	Montgomery	+ 6	+ 6	0.8	— 1.7	3.3	10
	Multan	+ 7	+ 6	0.3	— 1.1	2.0	7
	Leiah	—	—	1.5	—	3.3	8
Bahawalpur	Khanpur	— 4	+ 2	1.1	— 0.3	2.1	6
	Bahawalpur	+ 5	— 1	1.3	0	2.1	6
	Fort Abbas	—	—	0.1	—	0.4	8
Peshawar	Chakdara	—	—	0.1	—	9.4	—
	Peshawar	+ 5	+ 7	0.1	— 0.8	6.7	11
	Haripur	—	—	2.5	—	9.2	—
D. I. Khan	Bannu	—	—	0.6	—	3.6	11
	D. I. Khan	+ 5	+ 2	0	— 1.7	2.9	9
Quetta	Sibi	—	—	0.3	—	1.3	5
Kalat	Nokkundi	—	—	0	—	0.1	2
	Turbat	—	—	0.9	—	3.6	—
	Jiwani	—	—	1.1	—	1.8	5
	Pasni	— 4	+ 2	0	— 0.5	0.2	6
Karachi Division	Ormara	—	—	1.0	+ 0.7	2.0	6
	Lasbela						8
	Karachi (Manora)	0	— 4	2.9	+ 2.2	2.9	8
	Karachi (Airport)	—	—	3.2	—	3.2	—
Hyderabad	Nagarparkar	—					—
	Umerkot	—	—	3.3	—	3.4	—
	Hyderabad	+ 5	0	2.4	+ 0.5	3.1	7
	Badin	+ 3	— 1	2.3	— 0.1	2.9	9
Khairpur	Padidan	—	—	2.0	—	2.6	—
	Nawabshah	—	—	2.4	—	2.8	—
	Sukkur	—	—	0.9	—	0.9	4
	Kashmore	—	—	0	—	0	—
	Jacobabad	— 6	+ 1	0.1	— 0.6	1.0	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						5
	HILL STATIONS						
Kashmir	Srinagar *						26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardo *						6
	Misgar **	—					—
	Aliabad *						—
	Gilgit *	—	—				5
Rawalpindi	Murree *	+ 8	+ 8	5.3	—	23.6	59
Peshawar	Drosh *	+ 6	+ 4	0.9	—	12.9	18
	Cherat *	+ 10	— 8	1.6	— 1.6	25.8	29
	Kakul *	—	—	1.9	—	17.5	—
	Landikotal *	—	—	0.5	—	13.2	—
	Parachinar *	+ 3	+ 4	4.9		18.4	29
D. I. Khan	Miranshah *	—	—	0.2	— 1.6	2.8	13
	Wana *	—	—	2.9	—	11.2	11
Quetta	Fort Sandeman *	0	+ 4	3.1	+ 1.4	7.8	11
	Hindubagh *	—	—	0.8	—	4.6	—
	Loralai *	—	—	0.2	—	4.3	9
	Harnai *	—	—	1.4	+ 0.4	4.8	14
	Quetta *	—	—	0	— 0.2	4.2	9
	Chaman *	0	+ 4	0	— 0.1	1.3	8
	Nushki *	— 4	—	0	—	1.6	—
	Dalbandin *	—	+ 8	0	0	1.1	4
Kalat	Kalat *	— 10	— 2	0.1	— 0.4	2.1	7
	Panjgur *	— 12	— 2	0.3	—	1.3	5
Afghanistan	Kabul *						
	Kandhar *						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN RAILWAYS WEATHER BRANCH DAILY

MONDAY THE 16th JULY, 1962

WIRELESS REPORTS FROM SHIPS

SHIPS IN	VQ L.L.L.	L.L.L. GG	N dd f	VV ... W	PPP TT	N.C.hC.wC.w	D.V. s PP	S.N.Cs	OT.T.T.T.	M.d.P.H.
	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Anwarbakish	— — —	15 256	639 08	7 32 13	98 01 3	986 81	72 4 2x	14 6 52	05 1 29	12 3 21
Calcutta the Hague	— — —	17 301	680 06	3 31 16	98 01 1	985 83	34 6 90		10 1 79	12 1 45
British Freedom	— — —	19 219	637 08	8 27 18	97 97 8	973 81	85 3 7x	14 3 04	05 3 79	12 6 21
Dunvik	— — —	13 280	634 06	7 00 25	99 01 4	979 86	86 3 40	45 2 30	09 2 83	10 0 37
Anwarbakish	— — —	12 227	650 06	3 16 05	99 02 0	986 85	11 3 01	14 2 18	08 0 73	11 7 31
Calcutta the Hague	— — —	13 190	600 12	4 21 23	98 03 1	967 82	42 4 00		09 9 78	12 1 45
Cilindone	— — —	12 174	567 12	5 33 24	96 02 5	923 78	56 5 80	15 7 30	05 3 74	12 3 56
Gilbert Golden	— — —	13 175	582 12	5 22 28	97 02 2	964 81	31 3 00		09 1 74	12 2 33
Dunera	— — —	13 243	670 18	2 24 18	98 02 0	995 85	21 5 80	45 2 18	05 1 80	12 4 21

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb HHHTTTTdTdTd	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
Bombay —														
Chittagong —														
Dacca —	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—	—
Jiwani —														
Karachi —	00 00	996 242 226	510 xxx xxx	—	140 305 180	—	306 532 063	491 072 502	681 515 592	784 415 095	969 763	231 960	430 890	—
Lahore —	00 00	973 338 242	526 xxx xxx	—	140 292 172	—	312 182 128	424 092 055	590 500 092	765 598 092	964 600	293 760	516 630	880 870
Multan —														
Peshawar —	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—	—
Quetta —														

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bombay —													
Chittagong —													
Dacca —	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—
Jiwani —													
Karachi —	00 00	900 235 208	800 172 148	—	—	—	—	—	—	—	—	—	—
Lahore —	00 00	900 305 182	800 248 150	—	—	—	—	—	—	—	800 172 148	—	—
Multan —											800 248 150	—	—
Peshawar —	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—
Quetta —											—	—	—

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

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

UPPER WIND DATA*

Height in kms. a.m.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	4.3	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	4.3	5.4	6.0	7.2	11
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
Bombay —	07 13	19 18	09 16							11 17						11 27	13 36	13 35								
Chittagong —		33 06	27 06	26 09	26 08	26 10	34 10	34 15	32 20		13 05	12 15	15 16	19 03	27 15		13 08	14 09	12 09	28 10	29 12	30 14	01 04	—	—	—
Dacca —	33 10	28 29	19 10	16 07	16 07	15 13				24 12	25 19	23 15	22 10	22 05	13 04	23 17	30 13		—	—	—	—	—	—	—	—
Jiwani —	18 11	15 21	15 24	17 32	17 35	17 35	17 31	18 39	—	14 19	25 08	—	—	—	—	18 07	19 13	21 16	—	—	—	—	—	—	—	—
Karachi —	16 26	16 24					—	—	—	17 27		—	—	—	—				—	—	—	—	—	—	—	—
Lahore —	18 24	13 37	14 39	13 35	12 34	—	—	—	—	19 25		—	—	—	—	16 23	16 33	17 36	—	—	—	—	—	—	—	—
Multan —	—	—	13 06	13 13	09 14	07 16	04 18	04 15	—	—	—	—	27 14	21 10	03 05	—	—	24 13	26 17	31 18	33 10	36 24	07 23	10 20	11 07	39 N
Peshawar —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
D.I. Khan —	—	—	—	—	21 12	21 26	18 06	12 08	12 03	—	—	—	—	22 02	29 04	—	—	—	—	00 02	24 17	03 23	02 08	01 15	35 13	—
Drosh —	—	—	—	11 02	02 01	15 03	—	—	—	—	—	—	—	23 05	18 08	29 01			29 05	04 02	22 13					—
Fort Sandeman —	—	—	—	—	—	—	—	—	—	—	—	—	—	03 04	17 01	09 13	—	—	10 03	04 07	04 13	07 23	08 21	10 40	24 04	39 N
Jacobabad —	21 07	30 09	19 11	18 15	18 15	—	—	—	—	20 10	20 06	14 02	03 04			19 08	18 08	17 06								
Jacobabad —		No	Ascent							NIL	Ascent						No	Ascent								
Jacobabad —																										
Sukkur —	23 07	23 09	24 05	31 05	33 06	34 07	33 15	29 19	27 22							xx wx	11 15	13 12	27 05	27 15	30 15	—	—	—	—	—
Quetta —	11 21	10 23	10 14	—	—	—	—	—	—	04 08	13 10	10 11	10 11	—	—	16 06	17 06									
Jiwani —	20 12	20 12	19 13	—	—	—	—	—	—	—	—	—	—	—	—	27 13	27 16	—	—	—	—	—	—	—	—	—
Karachi —	23 08	23 07	23 08	19 09	16 09	10 05	07 12	08 13	11 13	—	—	—	—	—	—	23 10	23 29	22 27	21 28	—	—	—	—	—	—	—
Lahore —	26 02	23 04	23 03	25 03	32 07	33 15	34 13	31 15	29 18	31 08	29 22	29 16	31 19	29 11	27 1	09 11	09 21	08 19	23 04	25 11	35 14	33 19	36 19	—	—	—
Multan —	19 04	18 04	16 06	16 09	—	—	—	—	—	23 26	23 23	22 18	20 12	—	—	20 14	19 17	19 20	20 26	20 31	—	—	—	—	—	—
Peshawar —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	25 05	11 07	06 13	—	—	—	—	—
Peshawar —	—	—	—	29 10	27 06	29 10	—	—	—	—	—	—	16 03	17 09	15 08	—	—	—	—	23 04	21 05	27 03	27 10	26 10	25 10	24 11
Peshawar —	—	05 09	09 09	16 13	18 24	29 10	35 12	34 21	34 24	—	34 11	34 07	36 05	35 03	33 14	—	02 08	33 08	35 05	23 04	21 05	03 25	04 13	11 14	44 13	31 N
Peshawar —	—	—	—	—	10 02	02 01	—	—	—	—	—	—	—	11 02	28 01	—	—	—	—	32 19	36 13					
Quetta —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Quetta —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Quetta —	17 05	14 13	13 15	14 19	12 15	13 17	—	—	—	08 10	11 09	16 13	17 27	17 19	17 13	13 11	13 14	19 16	—	—	—	—	—	—	—	—
Quetta —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Varsvai —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

†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	4.3	5.4	6.0	7.2	9.0	10.8	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong —																		
Dacca —																		
Karachi —	MISDA																	
Peshawar —	24 15	25 14	25 10	12 06	22 13	11 17	13 12	18 15	07 17	10 24	30 29	11 31	—	—	—	—	—	—
Quetta —	MISDA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

Cloud observation Data (GGiii Cdd VrVr etc.)

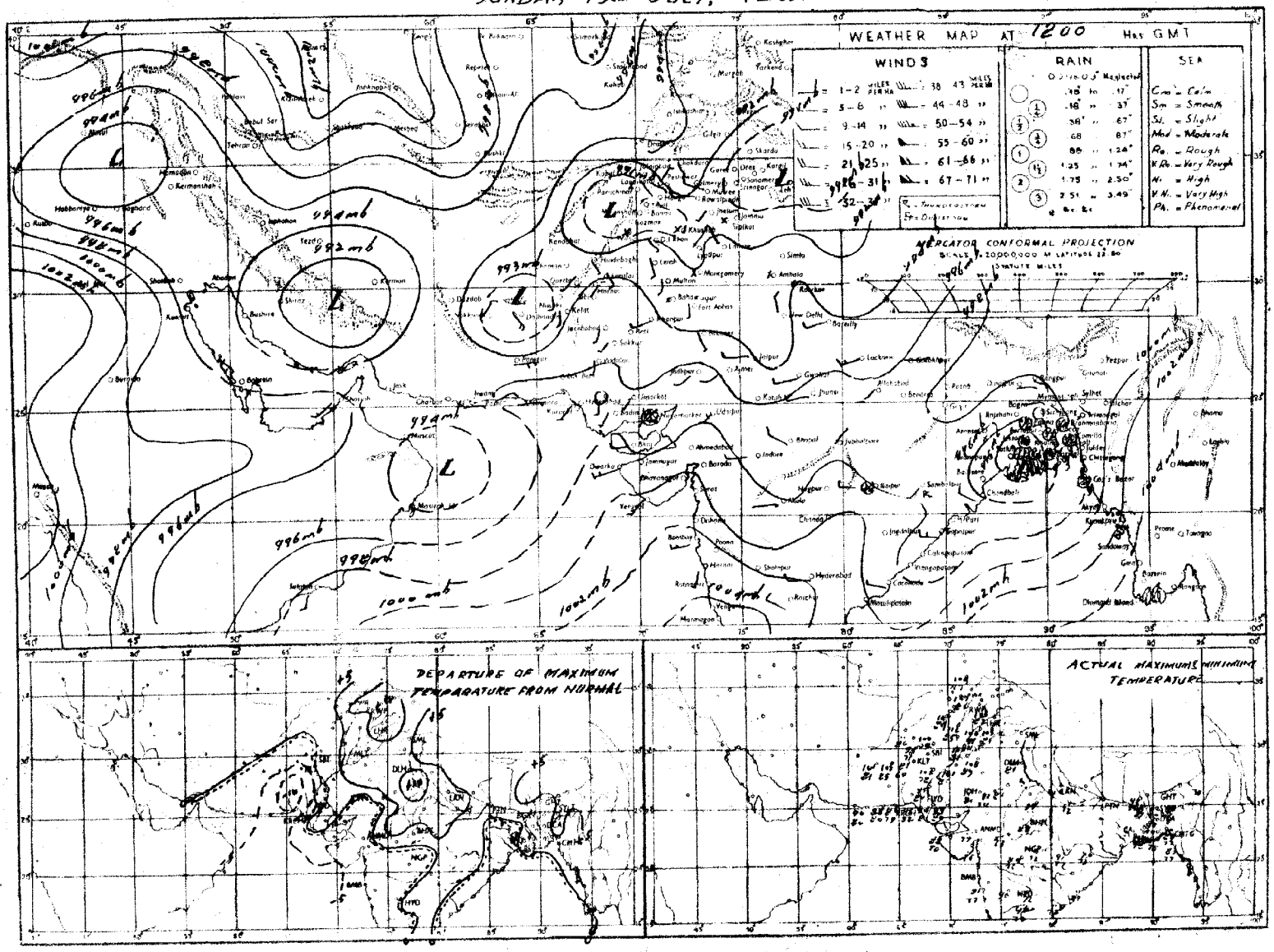
115 39 627 10
117 12 607 15

005 71 933 20

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 Force, RAWALPINDI—11

PAKISTAN DAILY WEATHER MAP

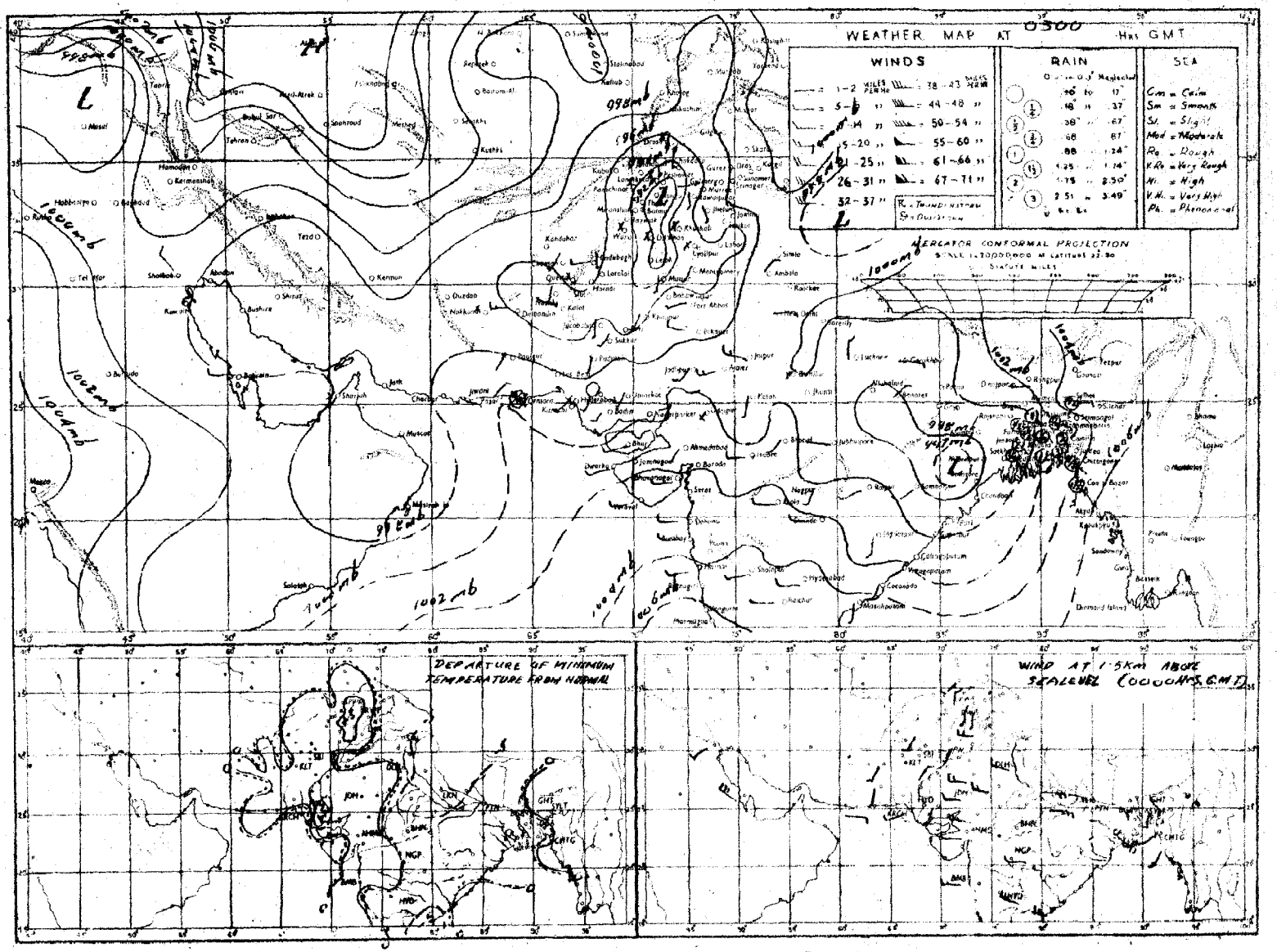
SUNDAY, 15th JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP

MONDAY, 16th JULY, 1962.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

TUESDAY THE 17th JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's well marked low over Chota Nagpur has moved to Uttar Pradesh.

Rain/thundershowers have been widespread in Dacca and Rajshahi divisions and fairly widespread elsewhere over East Pakistan with locally moderate to heavy falls in Chittagong division.

The trough of low over the western sector of north Arabian Sea and Gulf of Oman has become unimportant.

The westerly low pressure wave over Rawalpindi division has moved away northeastwards. Another is today, moving across the north of Afghanistan and has accentuated the seasonal low over Kalat division and neighbourhood.

Thunderstorms/showers have been widespread in Rawalpindi and Sargodha divisions and local in Lahore, Peshawar and Quetta divisions and scattered in Multan and Kalat divisions. A few falls of light rain/drizzle have also occurred in Karachi division.

Chief amounts of rainfall are:—Comilla 3"; Sylhet, Srimangal and Dinajpur 2" each; Chittagong and Sialkot 1½" each; Rawalpindi, Montgomery and Haripur 1" each; Maijdee Court, Faridpur, Bogra, Murree, Campbellpur and Lyallpur 3/4" each; Rangamati (upto 0000 GMT), Cox's Bazar, Narayanganj, Barisal, Satkhira, Jessore (upto 0000 GMT), Rangpur, Khushab, Kakul and Loralai 1/2" each; Pabna, Mymensingh, Dacca, Sirajganj, Parachinar and Harnai 1/4" each.

Day temperatures were 9—12 °F (5—7 °C) below normal in Lahore and Kalat divisions outside the coast and by 2—6 °F (1—3 °C) so in East Pakistan and were 5—10 °F (3—6 °C) above normal in Multan, Quetta, D. I. Khan, Peshawar and Rawalpindi divisions.

Forecast valid until the evening of 18th July, 1962:—Fairly widespread rain/thundershowers will occur in East Pakistan and in Peshawar, Rawalpindi, Lahore and Sargodha divisions and in Kashmir, local in Multan, D. I. Khan and Quetta divisions and scattered in Bahawalpur, Khairpur and Hyderabad divisions.

Heavy rainfall warning:—Locally moderate to heavy rain is likely to occur in East Pakistan and in Peshawar, Rawalpindi, Lahore and Sargodha divisions during next 48 hours.

Karachi-11
The 17th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	031	4	7	18	05	93	60	9	040	85	4	7	3	2	x	76	87
	Cox's Bazar	035	9	7	18	13	97	51	6	027	80	4	5	4	2	0	77	84
	Chittagong	050	6	8	13	12	97	63	6	026	80	8	6	5	x	x	79	85
	Maijdee Court	065	9	6	18	09	96	61	6	013	84	4	4	4	6	3	79	84
	Comilla	013	6	8	00	09	96	82	6	993	80	8	4	4	x	x	79	85
	Brahmanbaria	000	0	7	13	07	97	83	1	021	81	7	5	5	0	0	78	85
	Sylhet	112	4	8	00	00	95	95	9	821	79	6	3	3	1	x	78	93
	Srimangal	120	6	8	09	09	94	93	6	821	75	8	4	3	8	8	76	76
Dacca	Mymensingh	020	2	6	13	02	97	02	6	018	82	6	4	4	x	0	79	86
	Narayanganj	030	9	8	18	05	96	03	6	008	83	8	7	2	x	x	78	87
	Dacca (Tezgaon)	023	0	8	18	03	97	02	6	002	82	2	8	5	1	x	78	86
	Faridpur	072	6	5	16	08	96	82	6	987	83	3	3	6	5	8	77	84
Khulna	Barisal	030	4	8	09	02	96	03	6	010	80	6	6	6	4	0	78	85
	Khulna	000	0	6	18	03	97	01	2	998	83	6	5	5	0	0	81	63
	Satkhira	041	5	6	10	00	99	03	6	994	83	2	2	6	5	0	78	83
	Jessore																	
Rajshahi	Pabna	xxx	6	7	13	09	98	01	6	988	81	1	7	5	7	0	78	86
	Sirajganj	030	5	8	18	03	97	02	5	994	82	8	7	5	0	0	82	85
	Bogra	000	0	8	13	05	96	02	6	999	83	7	6	5	2	x	77	86
	Dinajpur	000	9	6	09	02	96	03	2	979	86	6	0	9	2	0	76	89
	Rangpur	007	4	5	13	02	96	01	6	998	85	5	5	6	8	8	81	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	7	13	10	95	07	0	950	87	3	5	7	7	0	75	91
	Sialkot	114	7	6	13	07	98	03	6	937	83	6	4	6	x	x	77	84
Rawalpindi	Jhelum	000	9	3	13	12	97	07	1	947	86	1	1	7	3	0	74	xx
	Rawalpindi	000	0	1	13	14	97	80	0	927	93	1	5	7	0	0	73	01
	Campbellpur	000	0	3	13	10	96	00	0	876	05	2	2	7	1	1	72	09
Sargodha	Khushab	000	0	0	13	12	96	37	4	921	07	0	0	9	0	0	76	05
	Lyallpur	000	0	0	07	03	94	15	4	929	99	0	0	9	0	0	75	00
Multan	Montgomery	000	0	8	13	25	96	29	3	935	95	5	9	6	2	0	71	08
	Multan	000	0	3	28	03	98	03	0	900	05	0	0	9	0	2	72	07
	Leiah	000	0	0	18	03	97	00	0	164	10	0	0	9	0	0	83	15
Bahawalpur	Khanpur	000	0	5	23	07	96	02	1	904	03	2	0	9	4	4	71	03
	Bahawalpur	000	0	0	31	04	97	08	0	xxx	01	0	0	9	0	0	75	06
	Fort Abbas	000	0	0	18	04	98	00	0	910	16	0	0	9	0	0	71	08
Peshawar	Chakdara	000	0	0	36	02	97	00	0	869	02	0	8	9	0	0	71	05
	Peshawar	000	0	3	16	14	96	05	0	870	08	2	9	6	0	1	64	10
	Haripur	000	8	8	18	02	96	00	0	892	04	0	0	9	0	0	66	05
D. I. Khan	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	D. I. Khan	000	0	8	33	02	98	00	0	891	07	0	0	9	0	0	71	08
Quetta	Sibi	000	9	2	35	02	97	05	0	912	08	0	0	9	2	2	74	10
Kalat	Nokkundi	000	5	3	34	13	96	01	2	941	10	3	0	9	2	0	41	12
	Turbat	000	0	1	37	03	98	01	2	942	00	0	0	9	0	1	xx	02
	Jiwani	005	7	1	18	09	96	01	6	970	87	0	0	9	0	1	73	88
	Pasni	000	8	4	25	14	96	02	1	968	90	0	0	9	3	3	77	93
Karachi Division	Ormara	000	8	2	27	08	98	03	1	962	87	2	1	6	0	0	77	88
	Lasbela																	
	Karachi (Manora)	008	6	4	26	21	96	03	5	966	80	6	6	4	0	0	79	90
	Karachi (Airport)	000	5	7	33	14	96	01	5	968	87	6	5	5	8	0	75	92
Hyderabad	Nagarparkar	000	0	8	31	03	97	00	0	948	91	0	8	7	0	0	75	93
	Umarkot	000	0	8	33	05	98	02	0	945	95	8	5	7	0	0	77	98
	Hyderabad	000	0	5	33	10	97	03	4	950	91	2	5	6	0	1	75	95
	Badin	000	0	9	23	02	97	00	0	985	98	0	0	9	0	0	74	97
Khairpur	Padidan	000	0	4	18	05	98	02	0	919	00	0	0	9	0	1	75	01
	Nawabshah	000	0	8	18	07	96	03	0	892	00	0	0	9	0	6	75	01
	Sukkur	000	0	4	20	03	97	02	1	912	00	0	0	9	0	3	79	01
	Kashmore	000	0	4	00	00	99	02	0	926	19	0	0	9	4	0	93	15
	Jacobabad	000	0	2	18	03	97	01	0	966	05	0	0	9	0	8	76	06
…adh	Veraval	xxx	x	8	33	21	95	03	8	010	82	7	5	5	2	6	79	xx
…anistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	4	23	05	98	01	0	054	79	4	1	8	0	2	26	83
	Aliabad *																	
	Gilgit *	000	0	0	00	00	99	00	0	403	99	0	0	9	0	0	59	05
Rawalpindi	Murree *	000	9	7	29	05	97	02	1	358	75	5	1	4	5	0	65	87
Peshawar	Drosh *	000	0	1	29	03	99	01	0	340	92	1	1	9	0	0	46	08
	Cherat *	000	0	0	05	13	98	00	0	344	93	0	0	9	0	0	72	99
	Kakul *	019	3	8	05	31	52	98	9	401	80	9	8	5	1	1	63	94
	Landikotal *	000	0	1	13	03	97	02	0	358	01	1	2	7	0	0	78	03
	Parachinar *	000	0	5	13	02	99	01	3	390	91	5	1	9	1	0	34	92
D. I. Khan	Miranshah *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Wana *	000	0	5	00	00	99	01	1	513	93	5	0	9	0	4	62	99
Quetta	Fort Sandeman *	000	0	5	16	03	99	03	9	367	95	2	5	7	3	0	67	03
	Hindubagh *	000	0	6	25	09	96	00	0	330	95	0	0	6	8	0	47	00
	Loralai *	000	0	7	11	03	98	00	2	365	95	0	4	8	9	1	65	98
	Harnai *	000	0	6	27	05	97	03	1	xxx	96	0	0	9	2	8	61	xx
	Quetta *	000	0	7	18	05	96	62	0	362	90	7	3	5	0	0	67	53
	Chaman *	000	0	0	23	05	98	00	0	355	05	0	0	9	0	0	55	16
	Nushki *	000	9	3	00	00	98	02	2	421	65	3	0	9	0	5	68	06
	Dalbandin *	000	8	1	23	07	96	03	1	389	05	1	1	8	3	0	61	07
Kalat	Kalat *	000	0	8	19	05	98	03	2	371	77	8	4	8	3	2	55	60
	Panjgur *	000	0	6	23	12	98	17	9	392	88	6	9	6	0	0	66	95
Afghanistan	Kabul *																	
	Kandhar *																	

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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Cox's Bazar	067	7	8	20	09	97	02	6	053	84	5	4	5	2	x	78	78	— 1	+ 1	50.9	+ 1.4	61.7	140
	Chittagong	136	9	8	18	05	96	03	6	053	79	8	7	5	1	x	73	78	— 1	+ 1	36.4	+ 3.8	50.0	100
	Maijdee Court	080	9	8	18	09	96	03	2	045	85	6	2	6	4	0	79	78	— 2	0	24.3	— 7.6	43.9	115
	Comilla	272	8	8	18	05	96	02	6	022	84	8	4	4	x	x	81	77	— 3	0	27.5	+ 1.1	39.7	94
	Brahmanbaria	000	0	6	18	07	97	73	1	041	84	2	8	5	4	8	80	78	—	—	18.6	— 1.9	36.3	78
	Sylhet	195	9	7	13	02	96	61	9	039	82	6	5	5	2	0	77	76	—	—	42.9	—	70.0	—
	Srimangal	198	0	4	09	12	96	03	2	029	85	4	8	4	8	0	79	76	—	—	—	—	—	98
Dacca	Mymensingh	020	0	8	00	00	97	02	1	041	82	8	5	5	0	0	79	77	— 2	— 1	24.4	— 2.1	29.3	91
	Narayanganj	041	9	8	18	05	97	02	2	032	85	8	4	2	x	x	79	78	— 1	— 1	15.3	— 4.3	32.6	74
	Dacca (Tezgaon)	029	9	7	18	05	97	02	1	029	84	5	5	4	7	0	80	80	—	—	12.5	—	27.9	—
	Faridpur	076	0	7	16	02	97	50	0	038	85	5	5	5	1	0	81	78	— 4	0	—	—	—	71
Khulna	Barisal	042	4	4	18	02	96	02	5	038	86	4	7	6	x	x	81	79	— 2	0	17.0	— 6.5	30.9	81
	Khulna	000	0	7	00	00	97	03	2	031	85	7	5	4	x	x	80	78	— 5	0	—	—	—	68
	Satkhira	025	0	8	18	02	96	61	6	038	79	8	7	4	x	x	78	77	— 6	— 1	—	—	—	65
	Jessore																							65
Rajshahi	Pabna	xxx	9	6	18	02	98	01	6	023	84	6	0	9	7	0	79	77	—	—	—	—	—	59
	Sirajganj	030	0	8	13	02	98	02	2	026	83	8	4	5	0	0	83	77	— 3	0	—	—	—	64
	Bogra	080	9	8	23	02	96	21	6	025	82	6	5	5	2	x	81	76	— 3	— 3	—	—	—	69
	Dinajpur	242	9	8	00	00	96	62	6	023	77	8	7	5	x	x	75	74	0	— 5	12.9	— 10.1	20.2	72
	Rangpur	050	2	8	11	05	96	63	6	040	76	8	7	6	x	x	76	75	+ 5	— 3	—	—	—	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	9	6	00	00	96	01	2	994	84	4	5	7	3	0	75	80	— 9	+ 1	2.4	— 2.1	0.8	19
	Sialkot	134	0	6	00	00	98	01	2	994	84	6	4	6	x	x	78	80	— 13	0	5.8	— 2.1	10.3	33
Rawalpindi	Jhelum	003	7	x	xx	xx	76	95	9	0 5	79	4	3	4	2	x	76	79	—	—	3.6	—	9.7	
	Rawalpindi	104	9	7	07	03	98	02	0	002	76	7	5	7	0	0	74	75	+ 4	— 2	4.4	— 2.0	10.7	36
	Campbellpur	070	6	7	00	00	98	02	1	992	78	2	2	7	1	1	75	75	—	—	1.5	—	9.8	—
Sargodha	Khushab	041	0	8	09	09	96	02	2	997	88	3	5	6	6	0	77	78	+ 3	— 4	0.5	— 2.7	5.5	15
	Lyallpur	069	6	6	13	03	96	50	9	992	80	6	7	8	0	0	79	78	— 1	— 4	1.2	— 1.7	4.9	13
Multan	Montgomery	104	0	8	00	00	96	03	3	987	78	8	0	7	0	0	75	77	+ 5	— 7	1.8	— 0.7	4.3	10
	Multan	000	0	3	09	05	97	03	0	964	90	1	0	9	3	2	77	87	+ 5	+ 2	0.3	— 1.2	2.0	7
	Leiah	000	0	0	18	06	97	03	0	065	96	0	0	9	0	0	78	87	—	—	1.5	—	3.3	8
Bahawalpur	Khanpur	000	0	6	23	07	96	02	2	967	86	2	0	9	3	4	75	83	— 4	0	1.1	— 0.3	2.1	6
	Bahawalpur	000	0	3	20	02	98	90	0	986	91	8	0	9	0	0	56	91	+ 1	+ 7	1.3	0	2.1	6
	Fort Abbas	000	0	0	05	04	98	00	0	973	83	0	0	9	0	0	79	82	—	—	0.1	—	0.4	8
Peshawar	Chakdara	000	0	4	36	02	97	20	1	973	79	0	0	9	3	0	79	75	—	—	0.1	—	9.4	—
	Peshawar	000	0	7	29	05	97	02	1	990	80	6	9	2	2	0	73	79	+ 8	— 1	0.1	— 0.8	6.7	11
	Haripur	106	8	5	09	03	96	03	6	993	78	5	0	9	7	0	72	74	—	—	3.6	—	10.3	—
D. I. Khan	Bannu	000	4	8	00	00	98	03	5	974	81	0	0	9	0	0	75	81	—	—	0.4	—	3.6	11
	D. I. Khan	000	2	6	05	02	98	02	1	983	85	7	8	0	0	0	76	83	+ 5	0	0	— 1.8	2.9	9
Quetta	Sibi	000	9	6	16	02	97	03	1	955	92	5	2	9	4	2	76	90	—	—	0.3	—	1.3	5
Kalat	Nokkundi	000	9	1	36	01	78	01	1	927	95	0	0	9	0	1	29	85	—	—	0	—	0.1	2
	Turbat	000	0	6	00	00	97	02	2	984	84	3	5	9	5	0	xx	xx	—	—	0.9	—	3.6	—
	Jiwani	005	0	0	00	00	97	01	0	989	83	0	0	9	0	0	74	80	—	—	1.2	—	1.9	5
	Pasni	000	3	8	29	05	96	03	2	984	85	0	0	9	4	3	76	81	+ 1	+ 3	0	— 0.5	0.2	6
Karachi Division	Ormara	000	0	7	27	07	94	03	2	965	84	7	3	5	1	0	78	80	—	—	1.0	+ 0.7	2.0	6
	Lasbela																							8
	Karachi (Manora)	008		6	35	16	xx	03	3	979	80	0	0	5	3	0	74	78	+ 2	— 3	3.0	+ 0.5	3.0	8
	Karachi (Airport)	000	0	6	27	1[illegible]	96	02	1	966	85	6	6	5	0	0	76	82	—	—	3.2	—	3.2	—
Hyderabad	Nagarparkar	000	0	6	31	03	97	00	0	970	83	0	6	7	0	0	76	81	—	—	—	—	—	—
	Umarkot	000	0	8	23	04	97	02	0	971	85	3	5	7	0	8	77	80	—	—	3.3	—	3.4	
	Hyderabad	000	0	6	23	14	97	01	2	964	85	0	0	9	0	1	75	82	— 4	+ 1	2.4	+ 0.4	3.2	7
	Badin	000	0	0	33	02	97	00	0	989	84	0	0	9	0	0	75	81	0	— 1	2.3	— 0.2	2.9	9
Khairpur	Padidan	000	0	5	13	07	98	01	1	954	85	5	0	9	7	0	76	80	—	—	2.0	—	2.6	—
	Nawabshah	000	0	7	18	05	96	03	1	962	86	0	0	9	0	6	77	80	—	—	2.4	—	2.8	—
	Sukkur	000	9	6	16	03	97	03	1	954	85	0	0	9	0	8	76	83	—	—	0.9	—	0.9	4
	Kashmore	000	0	0	00	00	99	00	0	951	93	0	0	9	0	0	75	80	—	—	0	—	9	—
	Jacobabad	000	0	7	13	07	96	03	1	956	89	6	0	9	0	8	81	86	— 2	+ 1	0.1	— 0.7	1.0	4
…adh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					20
…anistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
HILL STATIONS																								
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **	000	0	2	05	02	98	03	0	068	66	0	0	9	3	0	34	56	—	—	—	—	—	—
	Aliabad *																							—
	Gilgit *	000	0	6	00	00	98	01	1	400	78	6	5	8	0	0	59	74	—	—	—	—	—	8
Rawalpindi	Murree *	085	2	9	13	09	90	49	6	135	61	9	4	0	x	x	60	58	+ 14	0	6.1	—	24.5	59
Peshawar	Drosh *	000	5	3	00	00	98	01	5	4'2	80	2	2	7	3	0	65	73	+ 11	0	0.9	—	12.9	18
	Cherat *	000	0	8	23	07	90	03	0	381	68	8	6	6	0	0	63	xx	+ 10	×	1.6	— 1.8	25.8	29
	Kakul *	052	9	6	31	02	97	02	9	430	73	6	4	5	0	0	69	67	—	—	2.5	—	18.0	—
	Landikotal *	000	3	9	13	03	93	43	4	421	74	9	x	0	x	x	69	xx	—	—	0.5	—	12.2	—
	Parachinar *	032	2	7	00	00	98	03	6	409	69	7	7	8	0	0	64	66	+ 5	0	—	—	—	29
D. I. Khan	Miranshah *	000	0	8	05	05	98	03	2	410	84	8	4	0	0	0	73	80	—	—	0.2	— 1.6	2.0	33
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
Quetta	Fort Sandeman *	000	0	4	05	03	96	02	9	417	79	4	0	9	4	0	67	77	+ 3	+ 2	3.1	+ 1.3	7.8	11
	Hindubagh *	000	0	0	09	02	97	00	8	365	80	0	0	9	0	0	59	77	—	—	0.8	—	4.6	—
	Loralai *	050	0	4	29	02	99	02	1	400	79	0	0	9	1	1	70	64	—	—	0.7	—	4.8	9
	Harnai *	018	9	7	16	05	97	03	9	392	84	5	3	5	3	1	72	76	×	—	1.6	+ 0.3	4.7	14
	Quetta *	000	9	2	00	00	96	03	1	398	79	0	0	9	0	1	64	71	—	—	0	— 0.2	4.2	9
	Chaman *	000	0	0	23	07	98	00	0	388	90	0	0	9	0	0	47	81	+ 5	+ 5	0	— 0.1	1.3	8
	Nushki *	000	0	3	18	05	96	03	0	420	92	3	0	9	0	3	63	85	—	—	0	—	1.6	—
	Dalbandin *	000	9	0	23	03	95	05	1	395	89	0	5	9	0	0	64	85	— 3	+ 8	0	0	1.1	4
Kalat	Kalat *	000	0	8	18	02	98	00	0	370	74	7	4	7	3	0	55	64	— 11	+ 2	0.1	— 0.4	2.1	7
	Panjgur *	000	0	8	00	00	96	03	2	407	76	5	6	6	4	0	72	76	— 10	— 1	0.3	—	1.3	5
Afghanistan	Kabul *																							
	Kandhar *																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 17th JULY, 1962.

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_iV_i n PP	8 $N_sC_sh_s$	GT.TT/T_d	$M_sd_sP_sH_s$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Almeyeda	-- -- --	32 212	609 00	1 37 13	98 00 8	000 12	12 5 00	74 1 02	--	00 1 77 12 7 33
Colour Naples	-- -- --	27 247	581 06	7 00 09	96 03 2	000 00	23 4 00	--	--	00 0 79 10 8 32
Colour the Hague	-- -- --	23 161	600 06	7 23 33	97 03 2	021 01	26 4 00		--	00 1 75 03 3 47
Indian Trader	-- -- --	23 185	631 12	8 24 30	96 03 2	007 02	39 8 00	64 8 18	--	00 0 77 12 3 21
Almeyeda	-- -- --	23 229	676 12	2 26 13	98 06 0	900 03	11 4 20	74 7 21	--	00 2 77 12 6 33
Dorlaka	-- -- --	23 242	603 18	0 14 10	97 01 1	904 29	00 9 00	55 1 18	--	00 2 75 11 6 32
Dunera	-- -- --	23 262	709 18	7 24 10	98 03 2	021 03	27 5 10	35 8 10	--	96 4 78 12 4 21
Ioldora	-- -- --	23 171	553 18	7 21 22	97 03 2	020 79	10 6 60	36 2 18	--	05 1 73 12 1 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb HHHTTTTdTdTd	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
Karachi	00 00	MISDA	--	--	--	--	--	--	--	--	--	--	--	--
Lahore	00 00	994 282 230	529 xxx xxx	...	140 192 999	...	302 090 999	438 028 999	571 582 999	746 638 999	940 750	--	--	--
Multan	00 00	974 315 242	--	...	139 218 173	...	289 135 122	447 070 073	593 010 999	769 595 099	--	--	--	--
Peshawar	00 00	MISDA	--	--	--	--	--	--	-	--	--	--	--	--

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTTdTdTd								Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st.HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Karachi	00 00	MISDA	--	--	--	--	--	--	--	--	--	--	--
Lahore	00 00	900 272 222	800 182 155	--	--	--	--	--	--	--	300 750 999 800 182 155	--	--
Peshawar	00 00	MISDA	--	--	--	--	--	--	--	--	--	--	--

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

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

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs G.M.T. of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 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	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
Karachi	18 06	18 03	19 15							18 15	--	--	--	--	--	21 03	21 00	21 11	19 12							
Chitalsh	--	15 10	16 12	17 05	30 08	32 13	32 10	03 10	34 13	22 26	22 37	25 26	32 14	21 09	18 09	23 17	24 09	10 11	12 20	09 09	24 04	21 18	--	--	--	--
Sibbar	23 13	23 14	23 15	22 10	--	--	--	--	--	20 10	21 19	21 19	--	--	--	22 14	22 07	22 16	23 14	22 18	--	--	--	--	--	--
Chittagong	18 22	19 22	20 24	20 23	21 23	--	--	--	--	23 17	23 20	23 20	23 22	--	--	19 17	22 19	23 18	--	--	--	--	--	--	--	--
Cox's Bazar		No	Ascent			--	--	--	--	19 13	20 18	21 21	21 17	21 18	--	--	19 21	19 20	--	--	--	--	--	--	--	--
Dacca	17 19	19 21	19 29	20 29	20 20	19 29	--	--	--	--	--	27 10	29 00	33 09	--	--	--	23 06	24 07	24 07	26 06	25 06	31 07	19 03	--	--
Jashoreddi	--	--	26 00	26 09	27 04	03 15	07 10	02 08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
S.I. Khan	--	--	--	--	--	--	--	--	--	--	--	--	22 02	24 03	24 03	--	--	--	02 05	21 06	21 02	21 04	--	--	--	--
Sylhet	--	--	--	--	23 17	23 21	23 17	22 06	19 07	--	--	--	05 05	16 03	20 07	--	--	--	07 06	03 07	--	--	--	--	--	--
Port Bendamin	--	--	--	11 13	11 08	33 09				28 15	20 11	12 07	08 09	07 04	33 17	11 02	37 03	08 04	07 08	03 07	23 07	23 09	--	--	--	--
Hakkabid	19 10	19 09	19 08	20 09	19 05	28 19	04 19	05 27	06 09	21 22	23 28	23 29				21 15	23 22						--	--	--	--
Jacobabad	19 21	21 21	21 21	20 23						15 01	12 10	12 10	12 08	07 06		35 08	10 06	12 10					--	--	--	--
Sukkur	13 21	12 21	12 11	22 06	20 07	34 10	22 10	32 02	35 10	24 04	24 02	13 03	08 04	08 14	06 21	17 06	15 05	22 23	05 06	03 11	05 20	08 22	07 10	08 19	04 10	04 8
Dadu	19 09	14 12	14 12	06 14	06 16	08 28	06 21	08 19	07 18							27 17	27 20	27 23	08 14							
Karachi	25 15	36 16								22 18	23 11	24 09	34 15	26 28												
Khuzdar	22 33	23 31	23 17	22 17	--	--	--	--	--	04 02	12 04	13 05	18 08	14 04	19 11		--	--	--	--	--	--	--	--	--	--
Lahore	12 16	12 32	12 34	10 19	--	--	--	--	--	14 10	23 16	25 14	30 15	--		13 05	13 01	12 04	14 02	19 06	--	--	--	--	--	--
Multan	19 07	19 08	19 09	20 10	--	--	--	--	--	--	--	--	25 10	35 11	--	--	--	--	28 06	36 14	--	--	--	--	--	--
Mianwali	--	--	--	24 07	29 09	04 10	09 17			--	02 09	09 10	17 04			--	34 01	14 08	15 08				--	--	--	--
Peshawar	--	17 20	16 20	15 14	14 21	20 03	28 08	32 29	35 24	--	--	--	--	34 02	30 08	--	--	--	--	23 01	27 04	17 04	01 02	--	--	--
Quetta	--	--	--	--	28 06	31 04	29 09	32 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sibi	--	--	--	--	--	--	--	--	--	No	Ascent	--	--	--	--	--	No	Ascent	--	--	--	--	--	--	--	--
Sylhet	--	No	Ascent	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Varanasi	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

*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	--	21 23	31 22	32 19	33 12	33 09	22 11	32 11	33 06	22 20	21 29	24 35	26 xx	--	--	--	--	--
Peshawar	--	MISDA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Quetta	--																	

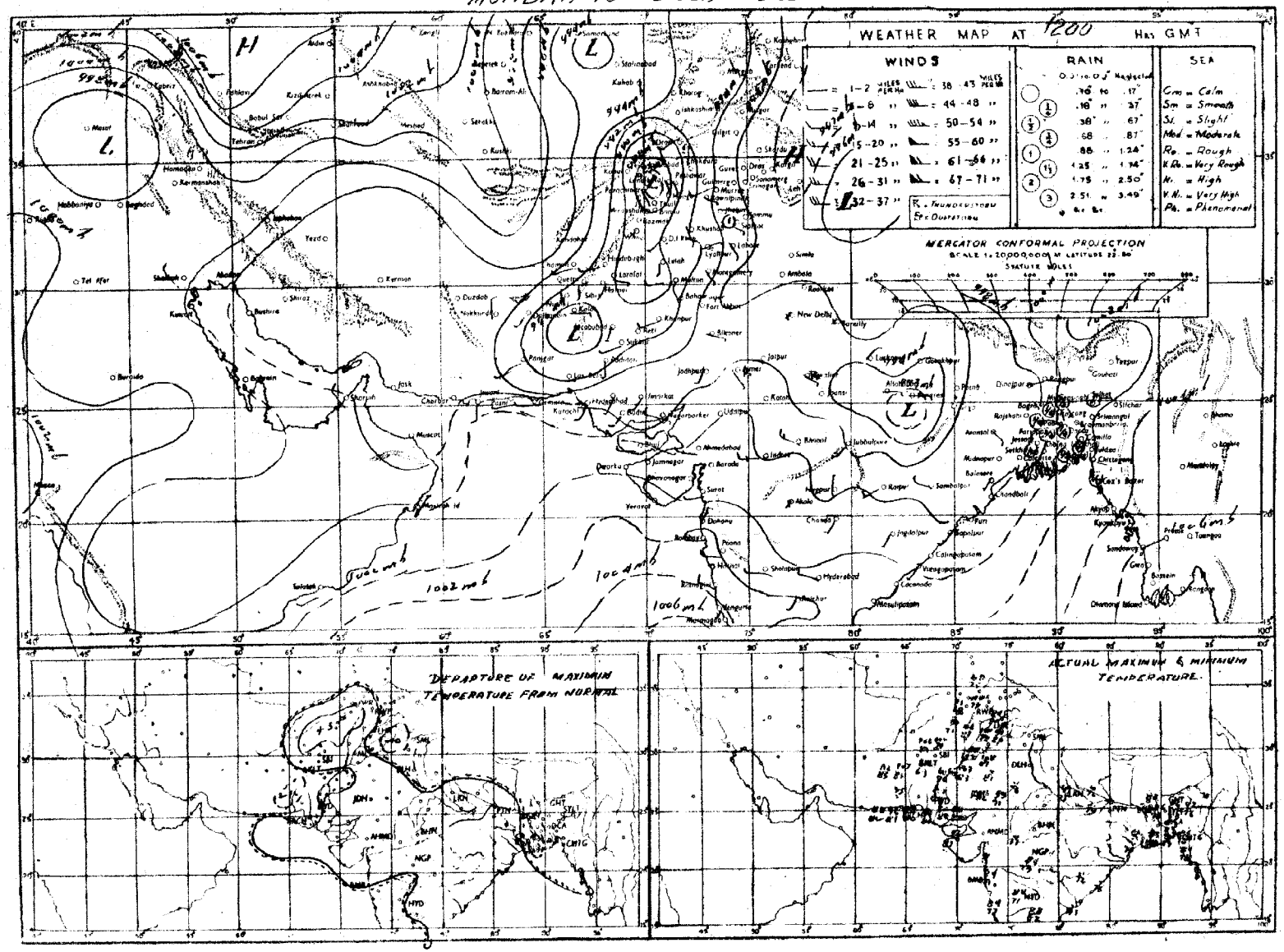
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figure for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd VrVr etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Bureau, Air Force (KARACHI-4)

PAKISTAN DAILY WEATHER MAP

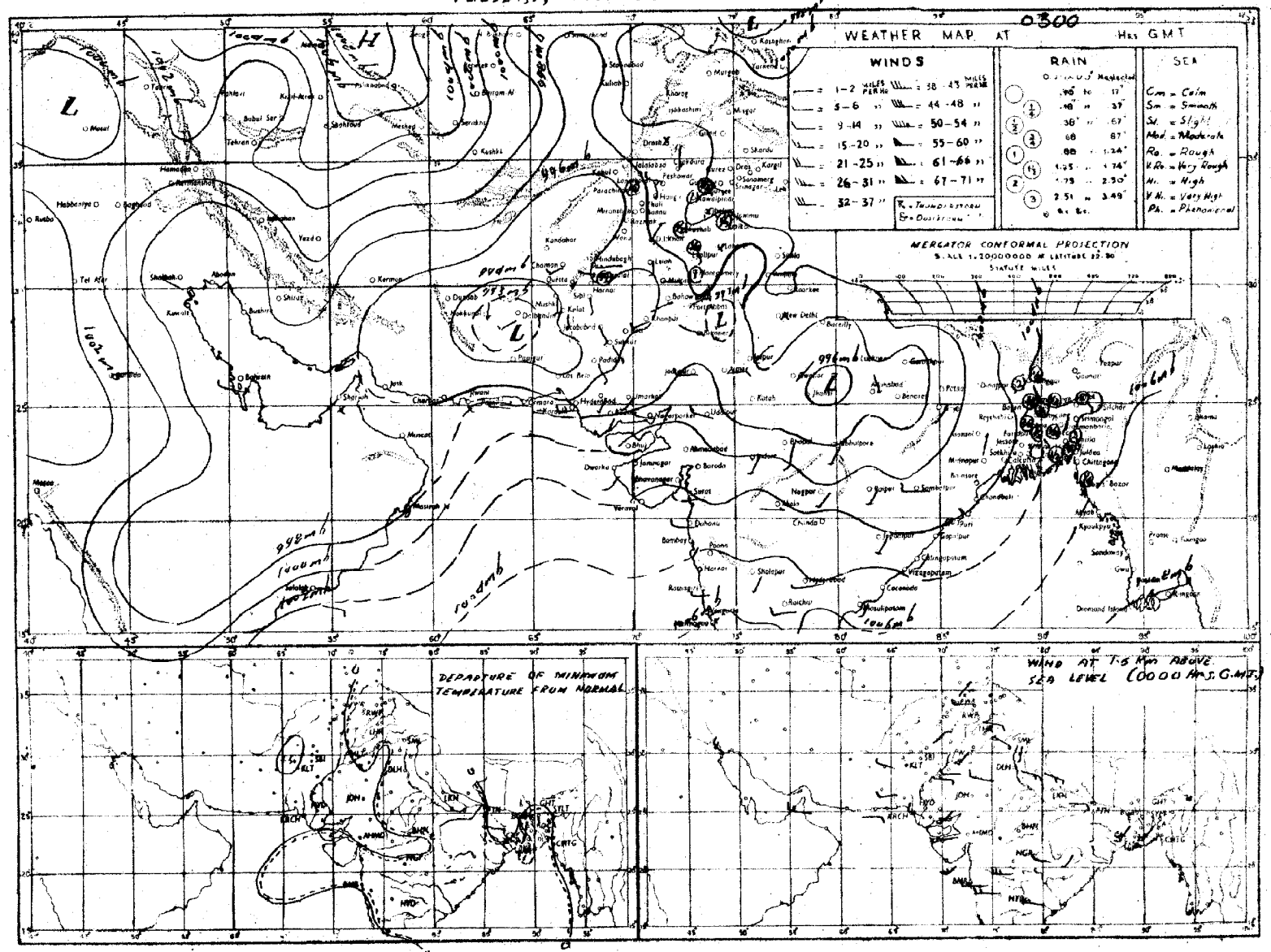
MONDAY, 16th JULY, 1962



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

PAKISTAN DAILY WEATHER MAP

TUESDAY, 17th JULY 1962



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. 16

WEDNESDAY THE 18th JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's well marked low now lies over West Uttar Pradesh.

Rainfall has been widespread in Dacca, Khulna and Rajshahi divisions and fairly widespread in Chittagong division. Locally moderate to heavy falls have also been reported from these divisions.

The westerly low pressure wave to the north of Afghanistan is moving across the north of Kashmir. A fresh one is moving across the north of Afghanistan.

Rain/thundershowers have been local in Rawalpindi, Bahawalpur and Quetta divisions and scattered in Peshawar and Kalat divisions. A few thunderstorms have also been reported from Sargodha division and light rain from Khairpur division.

Chief amounts of rainfall are :—Sirajganj 6"; Brahmanbaria and Srimangal 5" each; Pabna and Bogra 4" each; Comilla and Mymensingh 3" each; Sylhet, Narayanganj, Barisal, Rangpur, Khanpur and Kakul 2" each; Faridpur, Jessore and Sibi 1½" each; Chittagong, Khulna and Turbat 1" each; Rangpur and Dacca 3/4" each; Jhelum, Murree and Harnai 1/2" each and Satkhira, Dinajpur and Loralai 1/4" each.

Day temperatures were 6—10 °F (3—6 °C) below normal in Lahore, Sargodha and D. I. Khan divisions and in the eastern parts of Quetta division.

Forecast valid until the evening of 19th July, 1962 :—Rain/thundershowers will be fairly widespread in East Pakistan and in Lahore and Rawalpindi divisions and in Kashmir; local in Peshawar, Sargodha, Multan and Quetta divisions and scattered elsewhere over West Pakistan.

Karachi-11
The 18th July, 1962.

M. AZHAR ADIL
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	Rangamati —	010	1	7	18	05	96	05	9	040	85	7	6	4	2	x	76	85
	Cox's Bazar —	010	6	8	23	09	97	21	6	026	83	5	4	5	2	x	77	86
	Chittagong —	035	7	8	18	07	96	03	6	021	83	8	7	5	x	x	78	83
	Maijdee Court —	000	9	8	18	09	96	03	2	018	80	5	2	4	1	1	79	87
	Comilla —	175	3	9	00	00	96	66	9	998	79	8	4	4	x	4	73	85
	Brahmanbaria —	000	0	7	18	02	97	03	1	019	80	7	5	5	0	0	79	88
	Sylhet —	075	6	7	00	00	96	81	6	018	80	5	2	4	1	1	79	87
	Srimangal —	195	3	8	00	00	94	20	6	023	76	8	4	3	0	0	75	88
Dacca	Mymensingh —	260	7	8	00	00	97	60	6	017	77	8	7	4	x	x	75	86
	Narayanganj —	088	9	8	18	03	96	01	9	007	81	5	7	2	2	0	80	90
	Dacca (Tezgaon) —	017	4	8	18	05	97	02	9	003	81	5	3	4	2	x	80	88
	Faridpur —	012	6	8	16	05	96	02	6	003	82	6	4	6	1	0	79	89
Khulna	Barisal —	172	9	8	18	02	96	62	6	017	80	8	7	6	x	x	77	89
	Khulna —	—	—	...	...	...	...	...	—	—	...	—	...	...	...	...	...	...
	Satkhira —																	
	Jessore —	000	0	8	13	03	96	03	2	005	84	8	7	5	x	x	81	85
Rajshahi	Pabna —	213	8	8	00	00	98	03	6	996	79	8	0	9	9	x	78	87
	Sirajganj —	199	4	8	00	00	97	02	5	000	78	8	7	4	0	0	78	85
	Bogra —	098	9	8	13	02	96	61	6	997	77	6	7	4	2	x	77	83
	Dinajpur —	020	9	6	00	00	96	02	6	990	81	6	0	9	2	0	76	84
	Rangpur —	030	8	7	11	05	96	01	6	996	82	7	5	6	0	0	78	84
Kashmir	Jammu —																	
Lahore	Lahore (Jail Rd.) —	000	3	7	00	00	96	02	9	968	87	3	4	7	7	0	78	94
	Sialkot —	000	0	3	00	00	98	03	0	934	89	3	4	6	x	x	79	90
Rawalpindi	Jhelum —	056	7	4	33	02	98	01	9	953	90	1	5	7	1	0	77	90
	Rawalpindi —	000	0	5	13	03	98	02	2	957	83	1	2	7	4	9	77	90
	Campbellpur —	000	0	3	23	03	98	01	2	934	93	1	1	9	1	1	74	94
Sargodha	Khushab —	000	0	3	13	14	98	03	2	955	90	0	2	9	4	0	70	91
	Lyallpur —	005	3	6	00	00	97	02	0	959	91	6	0	9	3	0	78	92
Multan	Montgomery —	000	0	3	00	00	96	01	2	950	91	3	2	8	0	0	78	92
	Multan —	000	0	7	18	05	96	07	1	942	94	3	3	6	0	0	75	02
	Leiah —	000	0	6	18	04	97	03	2	028	03	0	6	8	9	0	81	11
Bahawalpur	Khanpur —	000	1	5	23	05	96	17	9	935	01	3	3	6	4	0	71	03
	Bahawalpur —	000	0	9	13	01	96	00	0	955	95	3	5	3	x	x	78	07
	Fort Abbas —	000	0	0	09	02	98	00	0	932	00	0	0	9	0	0	71	00
Peshawar	Chakdara —	000	0	0	18	02	97	00	1	898	91	0	8	9	0	0	71	92
	Peshawar —	000	0	2	05	03	97	01	2	937	93	2	5	6	0	0	72	94
	Haripur —	000	0	4	23	02	97	00	0	xxx	90	4	1	9	0	0	75	92
D. I. Khan	Bannu —	000	8	0	00	00	99	00	5	942	90	0	0	9	0	0	77	90
	D. I. Khan —	000	6	3	05	02	98	00	0	956	94	0	0	9	0	3	93	94
Quetta	Sibi —	000	9	8	18	02	97	03	1	930	07	5	1	9	4	2	73	09
Kalat	Nokkundi —	000	2	2	34	05	98	03	1	881	10	0	0	9	0	1	33	11
	Turbat —	000	0	0	23	02	98	02	2	980	02	0	0	9	0	0	xx	03
	Jiwani —	000	0	7	18	09	98	03	1	969	87	4	6	5	0	1	75	90
	Pasni —	000	8	6	20	18	96	02	1	965	90	0	0	9	3	2	79	93
Karachi Division	Ormara —	000	0	6	23	40	95	03	2	961	90	6	1	6	0	1	77	91
	Lasbela —																	
	Karachi (Manora) —	000	0	8	25	14	96	03	2	966	86	0	0	9	2	0	77	90
	Karachi (Airport) —	000	0	7	25	09	96	01	2	967	87	2	6	5	2	0	75	90
Hyderabad	Nagarparkar —	000	0	8	31	03	97	00	0	852	92	0	8	7	0	0	75	92
	Umerkot —	000	0	8	23	05	98	02	0	952	84	8	5	7	0	0	75	95
	Hyderabad —	000	0	7	23	10	97	02	2	952	92	2	5	6	0	1	76	96
	Badin —	000	0	8	23	02	97	00	0	996	90	8	0	9	0	1	55	94
Khairpur	Padidan —	000	0	6	18	02	98	03	2	927	00	0	0	9	8	8	75	01
	Nawabshah —	000	0	7	18	05	96	81	2	842	99	1	1	6	0	9	77	02
	Sukkur —	000	9	5	18	12	97	03	1	923	01	0	0	9	0	8	75	02
	Kashmore —	000	0	4	36	07	99	02	0	936	xx	4	1	6	0	0	84	xx
	Jacobabad —	000	0	6	13	05	97	03	2	927	05	1	0	9	3	7	72	06
Junagadh	Veraval —	xxx	x	8	27	22	96	02	6	xxx	85	4	7	4	7	x	25	xx
Afghanistan	Jalalabad —																	
Arabia	Muscat —																	
	Kuwait —																	
HILL STATIONS																		
Kashmir	Srinagar * —																	
	Gulmarg ** —																	
	Sonamarg ** —																	
	Dras ** —																	
	Leh ** —																	
	Skardu * —																	
	Misgar ** —	—	...	—	...	...	...	...		...	...	...	...	...	...	...	...	...
	Aliabad * —																	
	Gilgit * —	000	0	7	18	05	xx	03	2	329	88	1	6	7	7	0	46	93
Rawalpindi	Murree * —	002	5	6	00	00	97	02	6	405	68	6	5	2	0	0	63	74
Peshawar	Drosh * —	000	5	2	23	16	99	01	2	351	93	2	1	7	0	0	55	98
	Cherat * —	000	0	0	11	09	98	00	3	383	80	0	0	9	0	0	74	89
	Kakul * —	000	6	5	23	09	97	17	2	402	81	5	3	5	0	0	49	84
	Landikotal * —	000	0	2	21	03	98	00	1	485	86	2	1	7	0	0	76	87
	Parachinar * —	000	0	6	12	02	98	03	2	410	79	6	1	8	1	0	66	80
D. I. Khan	Miranshah * —	000	0	0	00	00	99	00	0	362	04	0	0	9	0	0	70	06
	Wana * —	000	0	5	00	00	98	01	1	517	76	5	0	9	6	0	66	84
Quetta	Fort Sandeman * —	001	0	7	00	00	94	17	9	393	86	4	3	6	3	x	85	93
	Hindubagh * —	000	0	6	13	03	97	00	0	321	90	0	0	9	0	0	57	94
	Loralai * —	020	0	8	16	07	97	01	3	386	83	9	4	7	2	1	67	91
	Harnai * —	000	3	7	18	05	96	95	9	371	95	6	9	4	2	0	64	97
	Quetta * —	000	9	6	18	02	96	03	2	375	92	0	2	5	0	0	63	98
	Chaman * —	000	0	0	27	07	98	00	0	349	05	0	0	9	0	0	55	06
	Nushki * —	000	0	0	27	05	98	02	0	401	67	0	0	9	0	0	47	09
	Dalbandin * —	000	2	0	18	06	95	05	6	379	09	1	0	9	3	0	53	11
Kalat	Kalat * —	000	0	0	31	05	98	00	0	320	90	0	0	9	0	0	42	93
	Panjgur * —	000	0	0	23	10	97	02	0	387	99	0	0	9	0	0	61	99
Afghanistan	Kabul * —																	
	Kandhar * —																	

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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	068	7	5	19	02	98	05	6	050	83	2	2	5	5	1	79	78	—	—	—	—	—	—
	Cox's Bazar	010	0	7	18	05	97	03	2	037	85	6	8	5	4	0	80	xx	+ 1		51.0	+ 0.5	61.9	143
	Chittagong	104	9	7	13	10	97	02	6	035	84	7	6	6	0	0	80	77	— 3	0	37.5	+ 3.7	51.1	108
	Maijdee Court	000	9	8	18	09	97	03	2	030	85	6	2	6	4	0	78	81	+ 1	+ 3	24.3	— 8.4	43.9	115
	Comilla	320	9	8	18	05	97	02	6	007	85	8	4	5	x	x	78	77	— 3	0	30.7	+ 3.9	42.9	94
	Brahmanbaria	485	3	8	36	02	96	62	9	055	xx	7	8	9	6	2	76	xx	—	—	23.4	+ 2.9	42.1	78
	Sylhet	223	7	8	09	02	96	61	6	033	78	6	7	4	2	x	77	77	—	—	45.2	—	72.4	—
	Srimangal	515	3	8	00	00	93	21	6	040	77	8	3	3	9	0	76	79	—	—	—	—	—	98
Dacca	Mymensingh	274	3	8	00	00	95	63	6	031	78	8	5	6	0	0	77	76	— 2	— 2	27.1	+ 0.2	33.0	81
	Narayanganj	218	9	8	18	03	96	02	1	024	82	8	7	2	x	x	80	78	+ 2	— 1	17.5	— 2.3	34.8	74
	Dacca (Tezgaon)	079	9	9	18	02	97	02	9	018	82	3	7	3	7	x	81	77	—	—	13.3	—	38.7	—
	Faridpur	144	0	8	00	00	94	63	6	18	78	6	7	5	0	0	77	78	+ 1	0	—	—	—	71
Khulna	Barisal	172	9	8	00	00	96	02	6	25	85	6	7	6	4	0	82	79	— 2	0	18.8	— 5.2	32.4	81
	Khulna	115	0	7	00	00	96	02	2	023	85	7	5	4	0	0	81	79		+ 1	—	—	20.8	68
	Satkhira	019	9	8	00	00	96	03	6	033	85	4	4	4	9	x	81	78		0	—	—	—	65
	Jessore	130	3	8	23	09	xx	xx	x	016	81	8	7	5	x	x	82	79	—	—	—	—		65
Rajshahi	Pabna	419	8	8	23	02	96	25	9	012	80	8	7	6	x	x	79	76	—	—	—	—	—	59
	Sirajganj	601	3	8	00	00	97	51	5	022	77	8	7	4	0	0	75	75	— 3	— 4	—	—	—	64
	Bogra	390	9	8	00	03	96	61	6	019	78	4	7	4	2	x	77	72	— 6	— 7		—		69
	Dinajpur	032	9	x	xx	xx	96	03	6	012	80	6	2	7	x	x	79	79	— 5	+ 1	13.3	— 15.0	20.5	72
	Rangpur	189	3	8	09	02	96	63	6	028	78	6	7	6	x	x	78	76	— 5	— 2	—	—	—	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	9	8	13	02	96	02	1	982	83	7	6	4	1	1	76	80	— 6	+ 1	2.4	— 3.3	8.8	19
	Sialkot	000	0	7	13	09	97	03	1	975	81	7	5	6	1	1	78	80	— 7	0	2.4	— 5.4	9.9	32
Rawalpindi	Jhelum	057	9	4	23	03	97	03	1	967	86	1	1	7	3	0	77	79	—	—	4.2	—	10.2	
	Rawalpindi	000	0	6	03	00	98	03	1	971	82	5	5	7	4	0	73	75	— 7	— 2	4.1	— 2.3	10.7	36
	Campbellpur	001	6	8	05	02	97	01	1	981	73	2	2	6	2	2	71	73	—		1.5	—	1.8	—
Sargodha	Khushab	000	0	6	09	02	96	03	2	967	85	5	4	6	4	0	81	78	— 11	— 4	0.5	— 2.8	5.5	15
	Lyallpur	005	6	4	00	00	96	02	9	970	85	4	0	9	4	0	79	80	— 9	— 2	1.2	— 1.7	5.0	12
Multan	Montgomery	000	0	4	13	03	96	02	0	962	84	4	0	9	0	0	78	77	— 11	— 7	1.8	— 0.8	4.3	18
	Multan	000	0	5	00	00	97	03	1	953	87	2	0	9	3	2	74	83	0	— 2	0.8	— 1.2	2.0	7
	Leiah	...	...	...	...	...	...	...		...	—	...			—	...	—	—	—					8
Bahawalpur	Khanpur	214	9	7	20	02	94	10	9	952	86	7	0	9	4	0	78	74	— 4	— 8	3.3	+ 1.8	4.3	6
	Bahawalpur	105	1	6	18	01	97	02	6	965	84	6	0	9	2	0	78	83	+ 2	+ 1	2.4	+ 1.0	3.1	6
	Fort Abbas	000	0	0	07	02	98	00	0	963	85	0	0	9	0	0	76	83	—	—	0	0	—	8
Peshawar	Chakdara	000	0	0	36	01	97	00	0	xxx	79	0	0	9	0	0	65	77	—	—	0.1	—	9.4	—
	Peshawar	...	...	...	...	...	...	...	...			...	...		...	...		...	— 8					11
	Haripur	000	4	6	31	02	96	03	2	967	84	1	0	9	3	0	69	76	—	—	3.4	—	10.3	—
D. I. Khan	Bannu	000	0	8	00	00	99	00	0	962	88	0	0	9	4	0	75	80	—	—	0.6	—	3.6	11
	D. I. Khan	000	2	5	05	02	98	02	1	960	87	0	0	9	5	0	79	82	— 9	— 1	0	— 1.8	2.9	9
Quetta	Sibi	135	9	8	27	02	97	03	1	953	81	5	2	9	4	3	75	73	—	—	1.6	—	2.7	5
Kalat	Nokkundi	000	9	1	34	13	37	01	2	833	91	0	0	9	0	1	39	87	—	—	0	—	0.1	2
	Turbat	097	0	8	18	03	97	03	6	988	82	5	3	9	4	0	xx	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	7	20	05	97	02	2	996	85	7	7	4	0	0	75	82	—	—	1.2	—	1.9	5
	Pasni	000	3	6	29	05	96	02	2	991	85	4	3	7	3	0	77	82	+ 2	+ 4	0	— 0.5	0.2	6
Karachi Division	Ormara	000	0	8	25	07	94	03	2	983	84	8	1	6	1	0	80	81	—	—	1.0	+ 0.7	2.0	4
	Lasbela																							8
	Karachi (Manora)	000	0	8	27	18	96	03	2	981	81	0	0	5	3	0	74	79	+ 2	— 2	3.0	+ 0.5	3.0	8
	Karachi (Airport)	003	0	7	25	12	96	02	2	988	84	4	6	5	2	0	77	83	—	—	3.2	—	3.2	—
Hyderabad	Nagarparkar	000	0	8	23	03	97	00	0	982	83	0	8	5	0	0	76	81	—	—	—	—	—	—
	Umerkot	000	0	8	20	04	96	02	0	971	83	8	5	7	0	0	77	81	—	—	3.3	—	3.4	—
	Hyderabad	000	0	6	23	09	97	01	2	971	85	8	0	9	2	0	76	83	— 3	+ 2	2.4	+ 0.3	3.2	2
	Badin	000	0	8	23	02	97	01	0	002	84	8	0	9	1	0	77	82	— 3	0	2.3	— 0.2	2.9	9
Khairpur	Padidan	000	0	7	13	03	98	03	2	960	63	7	0	9	7	0	76	81	—	—	2.0	—	2.6	—
	Nawabshah	000	0	8	18	02	96	03	2	972	85	0	0	9	7	1	77	82	—	—	2.4	—	2.8	—
	Sukkur	000	9	7	00	03	96	03	2	957	84	7	0	9	6	0	72	83	—	—	0.9	—	0.9	4
	Kashmore	000	0	6	00	00	99	02	2	967	96	6	1	4	0	0	79	81	—	—	0	—	0	—
	Jacobabad	005	9	6	23	02	96	01	6	954	85	6	0	9	5	0	76	80	— 2	— 5	0.1	— 0.7	1.0	4
Junagadh	Veraval	—		...	...	...	...		...	...	—	...	...	...	...	...	—	—	—					20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
HILL STATIONS																								
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							28
	Leh																							3
	Skardu																							6
	Misgar	000	0	6	31	05	98	03	1	068	60	2	4	8	6	0	29	60		—				—
	Aliabad																							—
	Gilgit	000	0	8	00	00	97	61	6	432	72	8	7	7	x	x	71	71	—	—				6
Rawalpindi	Murree	066	9	5	05	05	98	07	6	406	68	0	0	1		0	61	60	+ 1	+ 2	6.8	—	25.9	59
Peshawar	Drosh	000	6	2	23	07	98	01	2	400	79	1	2	7	3	0	60	77	+ 1	+ 4	0.9	—	17.9	18
	Cherat	000	0	0	14	03	98	00	0	412	71	0	0	9	0	0	69	47	0	— 24	1.6	— 2.0	25.8	29
	Kakul	184	9	5	18	02	98	03	9	410	72	4	3	6	0	3	67	66	—	—	4.3	—	19.9	—
	Landikotal	000	0	7	05	03	97	02	2	398	76	6	7	7	1	1	71	73	—	—	0.5	—	12.2	—
	Parachinar	000	0	5	00	00	97	02	2	423	69	5	1	9	1	0	64	65	— 7	— 1	—	—	—	29
D. I. Khan	Miranshah	000	0	8	00	00	98	03	2	401	80	8	4	8	0	0	71	78	—	—	0.2	— 1.7	2.0	13
	Wana	000	0	6	00	00	99	03	1	507	30	6	0	9	2	0	69	70	—	—	—	—	—	11
Quetta	Fort Sandeman	002	1	6	00	03	97	02	9	411	77	6	0	9	4	0	60	73	— 7	— 2	3.1	+ 1.9	7.9	11
	Hindubagh	000	0	6	00	00	96	00	0	386	74	0	0	8	0	8	59	64	—	—	0.8	—	4.6	—
	Loralai	020	0	7	09	09	90	02	2	407	72	0	4	8	2	1	66	67	—	—	0.9	—	5.0	8
	Harnai	045	0	8	31	05	96	03	0	363	79	6	3	5	7	0	72	74	—	—	2.0	0	5.2	14
	Quetta	000	9	7	00	00	96	03	2	400	72	0	3	5	0	0	68	69	—	—	0	— 0.3	4.2	9
	Chaman	000	0	0	09	07	98	00	0	383	86	0	0	9	0	0	43	78	+ 5	+ 2	0	— 0.1	1.3	8
	Nushki	000	0	4	18	23	97	03	0	436	89	4	0	9	0	3	65	86	—	—	0	—	1.4	—
	Dalbandin	000	9	5	19	03	94	05	1	394	89	5	0	9	7	0	70	87	+ 1	+ 19	0	0	1.1	4
Kalat	Kalat	000	0	8	18	02	98	03	2	423	68	7	3	8	3	0	60	66	+ 2	+ 6	0.1	— 0.4	2.1	7
	Panjgur	000	0	8	25	07	97	03	2	411	78	3	6	6	4	0	71	76	— 6	— 1	0.3	—	1.9	6
Afghanistan	Kabul																							
	Kandhar																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 18th JULY, 1962.

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$_s$	0T$_s$T$_s$T$_d$T$_d$	I$_w$d$_w$P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Calidonia — — —	33 228	643 00	2 23 11	98 02 0	987 81	31 5 00	18 4 00	—	00 2 72	12 3 x2
Hoogdrecht — — —	33 242	670 06	6 25 11	97 00 2	986 82	61 4 20	45 x xx	xx x xx	00 2 72	12 6 22
Alhussain — — —	33 163	885 06	4 21 05	98 03 0	871 90	43 4 00	14 8 00	—	00 2 78	12 1 32
Isidora — — —	33 192	582 06	8 20 25	97 02 2	980 77	80 5 30	26 4 00	—	00 7 72	12 3 22
Ariana — — —	33 271	587 06	1 30 12	98 02 0	961 92	00 9 07	35 4 00	—	00 2 79	13 0 22
Caltex Naples — — —	33 191	585 06	5 20 18	98 01 2	992 76	31 3 04	—	—	00 4 73	12 0 22
Isidora — — —	33 205	594 12	2 20 20	97 02 0	970 79	00 9 01	16 4 00	—	00 4 72	12 0 32
Isandh — — —	33 185	559 12	7 20 28	95 02 2	950 73	78 8 00	16 7 53	x0 0 00	00 2 82	11 8 33
Ariana — — —	33 273	538 12	8 30 08	98 02 0	952 92	00 8 00	35 1 05	—	00 3 82	11 0 33
Kampala — — —	33 225	668 12	7 22 15	99 15 2	993 82	87 5 4x	75 4 00	—	05 2 97	12 1 45
Loosdrecht — — —	33 218	489 18	8 26 18	98 60 6	002 79	89 4 80	35 x xx	—	00 5 77	12 6 22
Jalamarjaro — — —	33 186	670 18	7 27 20	97 01 2	043 85	xx x xx	62 1 06	8 xx xx	00 2 81	12 4 46
Kampala — — —	33 224	665 18	8 23 15	99 02 2	012 85	44 5 7x	35 4 00	—	00 1 81	12 3 46

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 (HHHTTTT$_d$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	996 292 252	510 xxx xxx	—	140 252 232	—	310 152 138	438 052 035	585 532 577	751 622 655	974 798	254 980	438 135	—
Lahore —	00 00	973 260 240	526 xxx xxx	—	—	—	—	—	—	—	—	—	—	—
Multan —														
Peshawar —	00 00	—	—	—	—	—	—	—	—	—	—	—	—	—
Quetta —														

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra —													
Chittagong —													
Dacca —	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—
Jiwani —													
Karachi —	00 00	900 265 245	800 242 225	350 678 699	—	—	—	—	—	—	350 678 699	—	—
Lahore —	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—
Multan —													
Peshawar —	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—
Quetta —													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)
Ss—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	—	—	—	—	—	—
Chilalala	—	—	—	—	—	—	—	—	—
Chhor	21 23	22 23	25 25	24 20	—	—	—	—	—
Chittagong	20 13	21 15	22 22	—	—	—	—	—	—
Cox's Bazar	20 13	23 12	—	—	—	—	—	—	—
Dacca	21 15	23 17	22 17	22 19	23 17	23 27	—	—	—
Dalbandin	—	—	24 05	24 07	21 05	28 04	01 16	29 04	27 06
D.I. Khan	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	22 14	20 15	16 08	14 04	—
Fort Sandeman	—	—	—	10 07	03 05	29 04	—	—	—
Jacobabad	12 08	12 08	12 07	07 04	08 05	35 04	36 19	35 10	34 21
Jessore	—	No	Ascent	—	—	—	—	—	—
Jhelum	22 03	16 06	13 10	11 12	09 09	05 06	31 25	31 13	31 19
Jiwani	19 10	17 07	14 04	14 04	04 14	05 22	—	—	—
Karachi	24 12	35 15	25 20	—	—	—	—	—	—
Khanpur	22 07	21 05	21 06	17 09	17 14	12 24	—	—	—
Lahore	16 02	13 04	14 09	14 04	28 01	03 09	—	—	—
Multan	23 12	14 04	11 07	12 09	—	—	—	—	—
Muscat	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	26 01	xx xx	xx xx	35 05	xx xx	30 09
Peshawar	—	12 04	16 02	22 02	16 03	13 06	—	—	—
Quetta	—	—	—	—	25 04	24 06	29 09	29 11	28 12
Sharjah	—	—	—	—	—	—	—	—	—
Sylhet	—	No	Ascent	—	—	—	—	—	—
Vareval	—	—	—	—	—	—	—	—	—

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	—	—	—	—
Chilalala	—	12 04	09 07	13 12	13 03	28 07
Chhor	24 12	26 20	27 12	15 04	04 05	34 04
Chittagong	18 16	19 18	21 17	20 15	—	—
Cox's Bazar	—	—	—	—	—	—
Dacca	20 16	22 19	—	—	—	—
Dalbandin	—	—	16 14	26 09	30 08	30 15
D.I. Khan	—	—	—	—	—	—
Drosh	—	—	—	22 03	21 06	23 04
Fort Sandeman	—	—	—	01 08	09 09	22 11
Jacobabad	02 10	36 14	35 16	36 11	22 10	20 09
Jessore	—	—	—	—	—	—
Jhelum	36 02	08 01	12 03	06 02	33 04	35 06
Jiwani	23 08	19 06	13 07	—	—	—
Karachi	—	—	—	—	—	—
Khanpur	18 13	22 17	24 19	29 13	28 13	27 21
Lahore	12 05	15 05	17 06	23 04	33 11	—
Multan	—	—	—	—	—	—
Muscat	—	—	—	—	—	—
Panjgur	—	—	—	25 13	23 10	—
Peshawar	—	36 17	02 08	22 06	—	—
Quetta	—	—	—	—	32 03	32 05
Sharjah	—	—	—	—	—	—
Sylhet	No	Ascent	—	—	—	—
Vareval	—	—	—	—	—	—

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	—	—	—	—	—	—	—	—	—	—	—
Chilalala	—	15 06	15 09	14 09	12 04	21 02	31 19	—	—	—	—
Chhor	23 20	24 23	—	—	—	—	—	—	—	—	—
Chittagong	19 16	19 14	20 15	20 14	23 10	24 16	—	—	—	—	—
Cox's Bazar	18 14	20 10	—	—	—	—	—	—	—	—	—
Dacca	30 04	30 04	24 07	—	—	—	—	—	—	—	—
Dalbandin	—	—	23 09	21 06	26 11	27 15	—	—	—	—	—
D.I. Khan	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	24 06	20 03	29 02	33 05	—	—	—
Fort Sandeman	—	—	—	06 01	15 02	32 07	32 10	—	—	—	—
Jacobabad	27 04	22 34	21 03	06 08	06 04	33 07	—	—	—	—	—
Jessore	34 07	32 07	25 08	22 15	24 10	28 12	—	—	—	—	—
Jhelum	17 05	15 05	15 07	12 09	10 03	34 01	31 31	27 12	28 12	26 13	—
Jiwani	19 06	17 07	17 08	14 11	34 09	34 06	—	—	—	—	—
Karachi	35 13	26 25	—	—	—	—	—	—	—	—	—
Khanpur	14 04	14 06	12 06	12 10	14 04	12 04	—	—	—	—	—
Lahore	14 10	15 05	16 11	17 19	18 22	—	—	—	—	—	—
Multan	18 06	14 02	14 03	12 06	11 09	—	—	—	—	—	—
Muscat	—	—	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	26 05	27 04	—	—	—	—	—	—
Peshawar	—	07 06	07 04	20 06	23 11	26 07	29 21	31 19	31 29	29 42	24 31
Quetta	—	—	—	—	33 03	30 12	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—
Sylhet	16 05	18 06	19 06	17 12	—	—	—	—	—	—	—
Vareval	—	—	—	—	—	—	—	—	—	—	—

†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 35	26 30	26 17	02 09	03 17	05 13	01 15	36 17	04 12	10 14	10 19	04 29	05 34	08 41	—	—	—
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.

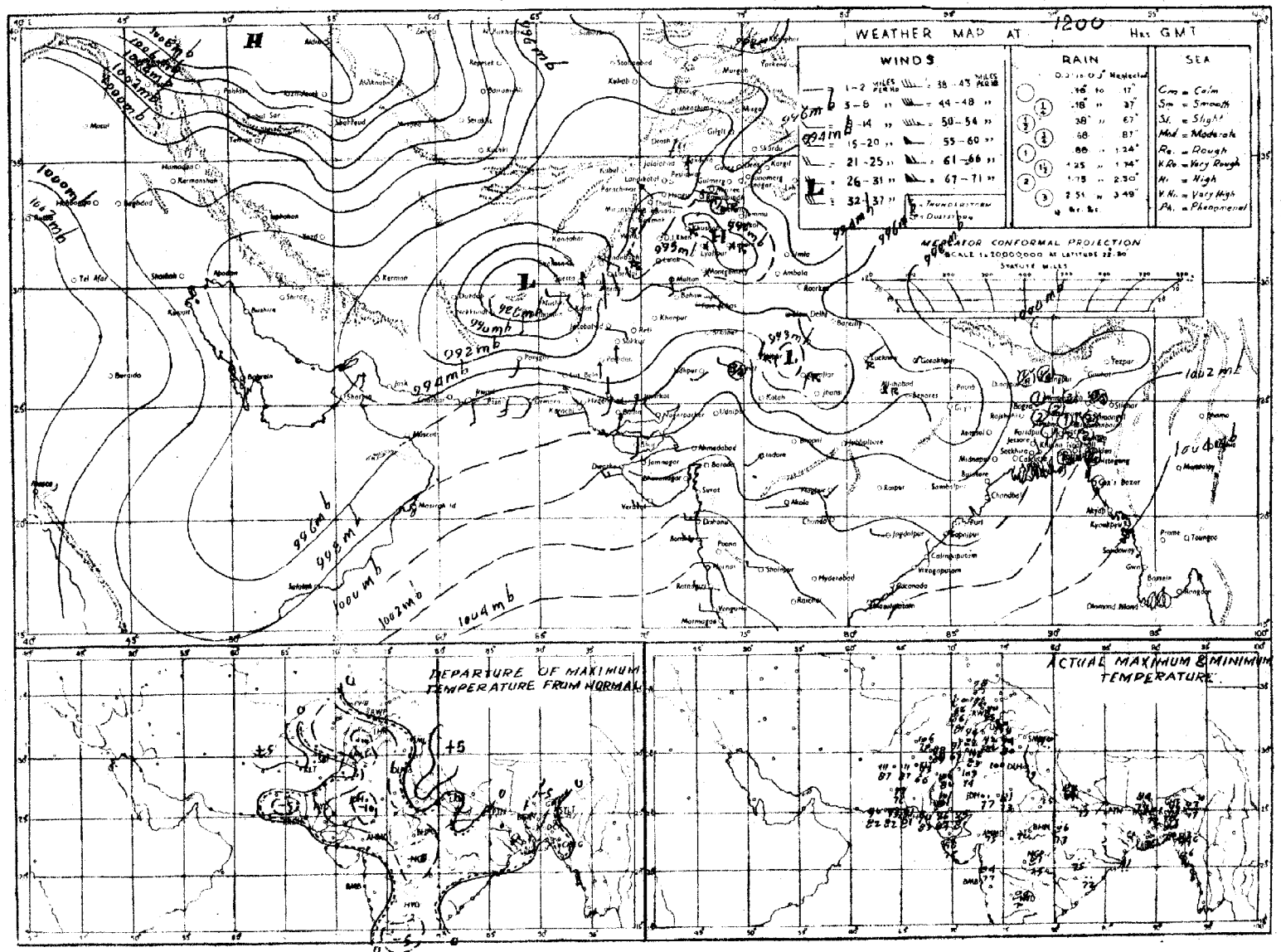
Cloud observation Data (GGiii Cdd V$_r$V$_r$ etc.)

05 539 62 710 05 871 61 310
05 661 33 311

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

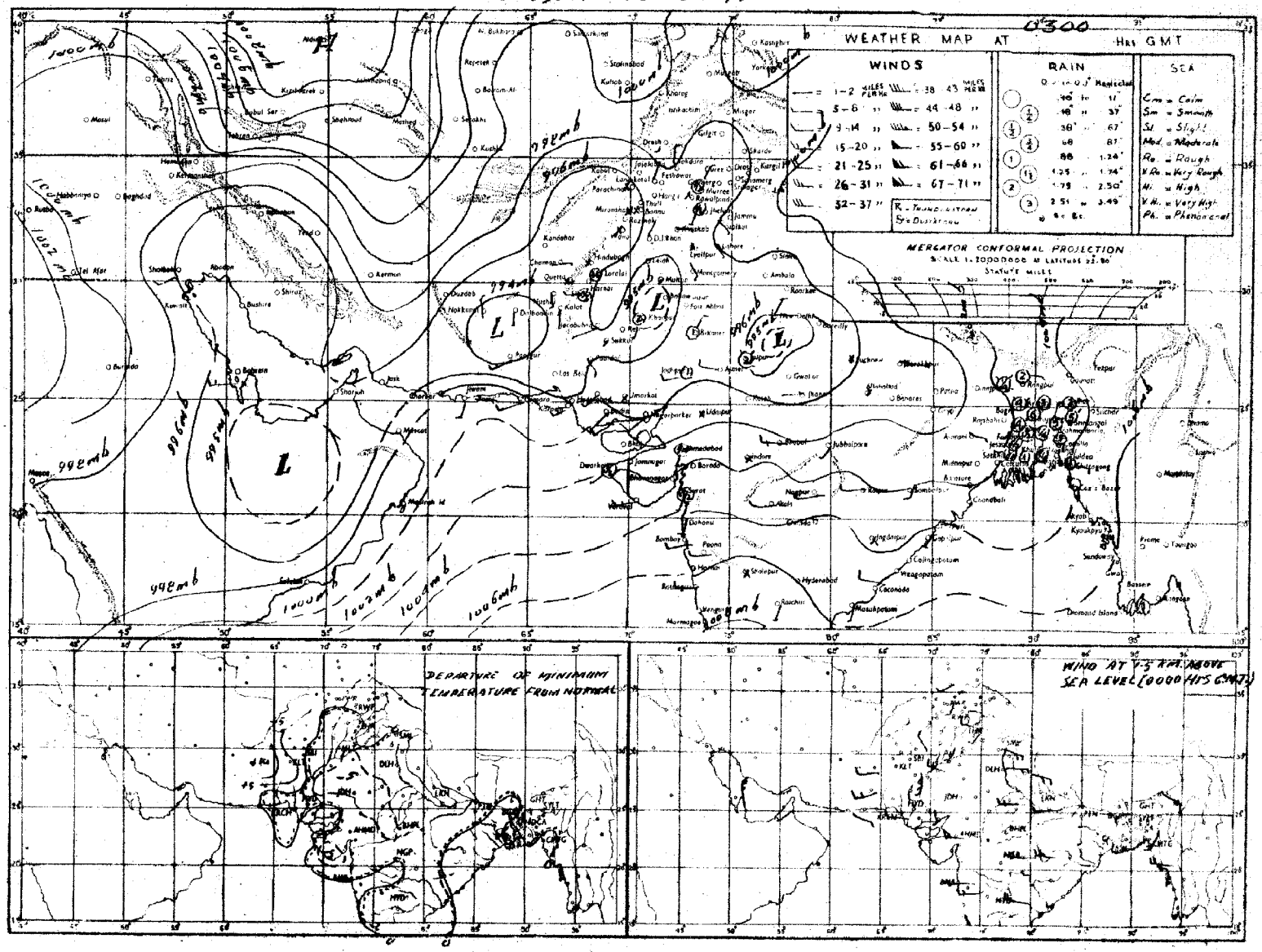
TUESDAY 17th JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY. 18th JULY, 1962



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. 16

THURSDAY THE 19th JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's well marked low now lies over East Punjab (India) and northeast Rajasthan.

The low pressure wave to the north of Kashmir has moved away while the other one is today moving across north of Peshawar division.

A fresh low pressure wave is moving across Russian Turkistan with its associated trough extending to Quetta division.

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

Observations from East Pakistan and northeast India are lacking but believe an easterly low pressure wave is moving into the north Bay of Bengal.

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

Chief amounts of rainfall are Jhelum 3"; Faridpur 2" (upto 0000GMT), Sialkot and Lyallpur 1½" each; Dacca and Sirajganj 1" each (upto 0000GMT) Maijdee Court, Khulna and Pabna 3/4" each (upto 0000 GMT), Brahmanbaria, Mymensingh and Satkhira 1/2" each (upto 0000 GMT) and Kakul 1/2" and Cox's Bazar, Srimangal, Narayanganj, Bogra and Rangpur 1/4" each (upto 0000 GMT) and Murree, Wana and Nagarparker 1/4" each.

Day temperatures were 3—7 °F (2—4 °C) below normal in Rajshahi division and adjoining areas and in West Pakistan outside Karachi and coastal Kalat divisions.

Forecast valid until the evening of 20th July, 1962 :—Rain/thundershowers will be fairly widespread in Lahore, Rawalpindi and Sargodha divisions and in Kashmir, local in East Pakistan and in Peshawar, Multan and Quetta divisions and scattered elsewhere over West Pakistan.

Heavy rainfall warning:—Locally moderate to heavy falls are likely to occur in Lahore, Rawalpindi and Sargodha divisions and in Kashmir during next 48 hours.

Karachi-11
The 19th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
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 f (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	009	5	5	18	02	97	05	6	023	95	3	4	6	3	1	78	xx
	Cox's Bazar	022	2	6	00	00	97	02	6	012	83	5	8	5	2	0	79	86
	Chittagong	085	7	6	18	05	97	03	6	003	80	4	2	6	2	0	79	85
	Maijdee Court	005	3	8	00	00	96	02	6	982	81	8	4	5	x	x	78	86
	Comilla	093	4	4	18	02	97	03	6	001	80	4	5	5	0	0	79	94
	Brahmanbaria	004	9	5	11	05	96	01	6	004	83	4	3	5	4	1	66	85
	Sylhet	541	5	4	13	03	95	01	5	008	81	0	0	3	0	0	78	xx
	Srimangal																	
Dacca	Mymensingh	050	8	6	13	02	98	02	6	007	80	6	4	4	0	0	77	81
	Narayanganj	014	3	8	11	02	96	03	6	996	81	8	4	2	x	x	79	86
	Dacca (Tezgaon)	105	9	7	00	00	97	21	6	993	79	3	7	3	7	0	78	83
	Faridpur	247	8	8	16	03	95	61	6	994	79	7	4	5	1	0	79	81
Khulna	Barisal	005	4	8	00	00	96	03	6	004	80	8	7	6	x	x	77	87
	Khulna	085	5	7	00	00	96	02	6	002	80	7	5	5	0	0	80	88
	Satkhira	051	8	8	00	00	96	61	6	022	80	8	7	4	0	0	79	88
	Jessore																	
Rajshahi	Pabna	080	8	6	00	00	98	01	6	993	81	3	3	2	7	0	77	81
	Sirajganj	120	8	8	00	00	97	02	5	994	79	1	x	4	0	4	78	89
	Bogra	030	9	7	00	00	96	02	6	995	78	6	7	4	1	0	77	79
	Dinajpur	000	9	5	00	00	96	C2	2	986	84	5	8	9	2	0	78	86
	Rangpur	020	8	5	13	01	96	01	6	988	83	3	5	6	2	0	79	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	9	5	09	03	96	02	2	942	92	3	4	7	3	1	76	93
	Sialkot	000	0	3	09	05	98	03	0	940	90	3	2	6	x	x	76	90
Rawalpindi	Jhelum	032	4	7	13	05	97	17	9	943	86	8	3	6	1	0	76	93
	Rawalpindi	000	0	3	31	07	99	02	2	926	87	1	5	7	4	0	72	93
	Campbellpur	000	0	6	07	12	97	02	2	927	91	2	2	8	7	2	75	98
Sargodha	Khushab	000	0	5	09	02	96	22	2	929	96	3	3	7	7	0	76	97
	Lyallpur	000	0	4	13	02	97	92	0	948	95	6	0	9	4	0	78	95
Multan	Montgomery	000	0	2	13	02	96	02	0	926	94	2	0	9	0	0	75	95
	Multan	000	0	8	12	05	96	02	2	924	92	3	3	6	0	2	76	03
	Leiah	000	0	4	18	02	97	03	0	921	02	0	1	8	0	0	73	06
Bahawalpur	Khanpur	000	1	7	23	03	96	02	9	982	96	4	9	6	3	0	78	98
	Bahawalpur	000	0	9	23	02	96	08	0	055	85	0	6	8	2	1	65	02
	Fort Abbas	000	0	0	00	80	98	00	0	930	98	c	0	9	0	0	74	99
Peshawar	Chekdara	000	0	0	36	02	97	00	0	899	92	0	8	9	0	0	71	94
	Peshawar	000	0	5	02	05	97	02	1	918	97	3	9	6	2	0	73	xv
	Haripur	000	0	4	18	02	97	00	0	921	92	4	9	9	0	0	71	95
D. I. Khan	Bannu	000	0	6	16	02	99	00	0	923	90	0	0	9	3	0	73	97
	D. I. Khan	000	6	8	00	00	98	03	2	931	96	8	8	8	0	0	75	99
Quetta	Sibi	000	9	3	18	02	97	05	C	943	98	0	0	9	3	1	70	59
Kalat	Nokkundi	000	0	0	34	13	97	02	1	893	06	0	0	9	0	0	24	07
	Turbat	000	0	8	23	03	97	02	2	964	94	5	4	9	5	0	xx	95
	Jiwani	000	0	7	18	09	96	02	1	981	84	5	6	4	...	...	74	89
	Pasni	000	0	7	23	09	95	03	2	971	90	7	1	6	0	1	77	91
Karachi Division	Ormara	000	8	6	20	21	95	07	1	973	89	4	2	7	3	0	70	97
	Lasbela																	
	Karachi (Manora)	000	0	8	25	16	96	03	2	977	86	0	0	9	3	0	72	89
	Karachi (Airport)	000	0	8	25	14	96	03	1	982	86	3	5	5	2	x	78	93
Hyderabad	Nagarparkar	000	0	8	23	05	97	00	0	961	81	0	8	5	0	0	77	83
	Umerkot	000	0	8	20	06	98	03	0	955	92	8	5	7	0	0	77	93
	Hyderabad	000	0	8	23	12	97	02	2	962	89	8	0	9	3	0	76	93
	Badin	000	0	8	23	02	97	02	1	988	93	8	0	9	0	1	86	90
Khairpur	Padidan	000	0	7	18	05	98	02	2	933	99	7	0	9	7	0	71	00
	Nawabshah	000	0	2	28	07	96	07	2	946	87	1	1	6	3	4	75	01
	Sukkur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	Kashmore	000	0	4	00	00	99	02	2	948	79	8	1	2	0	0	85	15
	Jacobabad	000	0	8	05	02	97	01	2	921	03	3	0	9	3	1	75	04
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *	000	0	2	27	09	97	01	5	268	84	2	2	6	0	0	43	87
	Misgar **	000	0	7	13	07	98	03	0	055	64	2	1	8	3	0	39	72
	Aliabad *																	
	Gilgit *	000	5	8	00	00	98	02	2	436	76	8	5	8	x	x	60	79
Rawalpindi	Murree *	026	5	8	11	02	94	03	6	406	66	8	5	2	x	x	61	72
Peshawar	Drosh *	000	3	4	25	12	97	01	2	347	93	4	8	7	0	0	51	97
	Cherat *	000	0	8	23	07	98	03	0	343	82	8	6	4	0	0	71	86
	Kakul *	048	4	7	13	07	97	95	9	394	73	9	9	5	0	0	67	82
	Landikotal *	000	0	4	13	05	98	03	1	397	86	4	7	7	0	0	76	91
	Parachinar *	000	4	6	13	02	99	03	3	357	63	6	1	9	+	0	63	85
D. I. Khan	Miranshah *	000	0	6	05	09	99	03	2	362	91	7	4	8	0	0	71	93
	Wana *	025	0	3	00	00	99	02	1	509	73	5	1	9	0	0	65	89
Quetta	Fort Sandeman *	000	0	2	09	13	98	01	9	400	81	2	2	7	0	0	59	96
	Hindubagh *	000	0	4	09	12	96	00	0	339	86	0	0	6	8	0	59	94
	Loralai *	000	0	4	16	03	99	02	3	368	83	0	0	9	1	2	66	85
	Harnai *	000	0	4	23	05	97	03	0	270	91	2	1	5	1	0	63	92
	Quetta *	000	9	7	31	02	96	03	2	356	92	0	3	5	0	0	56	94
	Chaman *	000	0	0	27	07	98	00	0	360	00	0	0	9	0	0	48	91
	Nushki *	000	9	4	27	09	98	03	0	403	02	4	0	9	0	3	52	04
	Dalbandin *	000	7	3	25	14	93	07	4	385	04	3	0	9	3	0	46	07
Kalat	Kalat *	000	0	8	27	05	98	02	2	360	84	8	0	8	4	0	72	89
	Panjgur *	000	0	5	23	11	97	03	1	394	94	5	0	9	7	0	68	97
Afghanistan	Kabul *																	
	Kandhar *																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots f (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Rangamati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Srimangal																	
Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca (Tezgaon)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jessore																	
Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu																	
Lahore (Jail Rd.)	000	8	7	13	02	96	02	9	983	80	5	6	5	3	0	76	79
Sialkot	135	5	6	13	03	97	02	6	977	80	6	4	6	x	x	73	76
Jhelum	307	6	7	09	03	97	03	9	979	78	1	x	7	7	0	75	73
Rawalpindi	000	0	3	18	03	98	02	1	967	85	1	2	7	4	3	74	79
Campbellpur	000	0	5	00	00	97	02	2	965	81	2	2	8	1	1	69	73
Khushab	013	0	7	09	05	96	02	2	964	82	7	5	6	7	0	79	75
Lyallpur	149	6	5	13	02	96	02	6	976	79	5	7	8	0	0	74	74
Montgomery	000	0	4	13	02	96	03	0	968	81	4	0	9	0	0	72	78
Multan	004	9	3	18	02	97	01	9	967	87	0	1	9	3	1	74	82
Leiah	000	0	4	13	02	97	02	0	941	96	2	0	9	5	0	71	82
Khanpur	000	9	5	00	00	97	02	3	965	86	5	0	9	3	0	78	81
Bahawalpur	000	0	6	09	01	97	04	0	983	84	6	0	9	2	0	77	xx
Fort Abbas	000	0	0	03	00	98	00	0	962	86	0	0	9	0	0	76	83
Chekdara	000	0	0	18	02	97	00	0	956	75	0	0	9	0	0	67	70
Peshawar	000	0	1	13	03	97	01	1	976	84	1	5	6	3	0	67	77
Haripur	000	0	0	05	01	97	00	0	966	83	0	0	9	0	0	71	77
Bannu	000	0	0	00	00	99	00	0	973	85	0	0	9	0	0	73	80
D. I. Khan	000	2	5	00	00	98	02	1	979	84	5	5	8	0	0	74	79
Sibi	000	9	7	36	02	97	04	0	958	87	0	1	9	4	2	75	81
Nokkundi	000	0	0	34	25	36	07	0	953	90	0	0	9	0	0	37	83
Turbat	000	0	6	23	07	97	02	2	981	82	0	0	9	7	0	xx	xx
Jiwani	000	0	8	23	07	97	03	5	005	85	7	5	4	3	0	79	81
Pasni	000	3	8	29	02	97	03	5	005	80	8	6	7	0	0	79	79
Ormara	000	3	8	27	09	94	50	2	995	80	8	7	4	x	x	79	71
Lasbela																	
Karachi (Manora)	000	0	8	25	16	96	03	1	997	80	0	0	9	5	0	74	78
Karachi (Airport)	000	0	8	25	09	96	02	2	997	85	8	0	9	5	x	75	84
Nagarparkar	035	0	8	23	03	97	00	0	982	81	0	8	6	0	0	75	83
Umerkot	000	0	8	23	05	97	03	0	984	84	8	5	7	0	0	77	81
Hyderabad	000	0	8	23	12	97	02	2	981	84	8	0	9	3	0	75	83
Badin	000	0	8	23	02	97	01	2	998	84	8	0	9	0	2	77	81
Padidan	003	0	7	27	07	98	02	2	958	88	7	0	9	2	0	75	83
Nawabshah	000	0	8	18	05	96	03	2	972	86	8	0	9	7	x	76	83
Sukkur	000	y	8	20	03	97	03	2	955	88	8	0	9	6	0	77	83
Kashmore	000	0	6	00	00	99	02	2	967	95	6	1	4	0	0	61	80
Jacobabad	000	0	7	13	05	96	02	2	954	90	3	0	9	4	8	77	80
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *	001	9	8	23	05	97	03	1	345	69	5	5	5	2	x	50	64
Misgar **	097	2	8	09	03	97	03	5	068	54	3	1	8	2	0	57	51
Aliabad *																	
Gilgit *	000	0	4	00	00	98	01	1	473	70	4	5	8	0	0	64	66
Murree *	026	9	7	11	02	97	02	6	407	69	4	5	5	8	0	60	59
Drosh *	000	3	0	00	03	99	02	9	412	75	0	c	9	0	0	59	59
Cherat *	000	0	0	13	06	98	00	3	372	72	0	0	9	0	0	67	45
Kakul *	049	9	6	23	02	97	02	9	407	76	6	4	6	0	0	67	69
Landikotal *	000	0	7	05	02	98	01	2	398	67	7	7	6	x	x	69	72
Parachinar *	000	0	4	00	00	99	01	2	423	69	4	1	9	1	0	64	64
Miranshah *	002	0	4	00	00	99	01	1	400	79	4	4	8	0	0	41	76
Wana *	025	0	0	00	00	99	00	0	503	77	0	0	9	0	0	63	68
Fort Sandeman *	000	0	0	00	00	98	02	0	413	79	0	0	9	0	0	60	74
Hindubagh *	000	0	0	00	00	97	00	0	388	73	0	0	9	0	0	62	65
Loralai *	000	0	6	29	02	99	00	2	410	73	0	0	9	2	1	65	66
Harnai *	000	0	0	31	05	97	00	0	375	80	0	0	9	0	0	65	76
Quetta *	000	9	2	23	02	96	01	1	399	79	0	0	9	0	0	63	67
Chaman *	000	0	5	18	09	98	02	1	387	85	5	0	9	1	0	37	79
Nushki *	000	0	4	09	19	98	03	0	418	89	4	0	9	2	0	66	84
Dalbandin *	000	9	0	23	07	94	05	1	400	85	0	0	9	0	0	35	77
Kalat *	000	0	0	23	03	98	00	0	416	71	0	0	9	0	2	67	64
Panjgur *	000	0	7	33	07	97	03	0	414	75	7	5	6	0	0	69	74
Kabul *																	
Kandhar *																	

Departure from Normal of / Rainfall

Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati	0					140
Cox's Bazar						108
Chittagong	— 1					115
Maijdee Court	— 2					94
Comilla	—					78
Brahmanbaria	—					—
Sylhet	—					98
Srimangal						
Mymensingh	— 7					91
Narayanganj	— 2					94
Dacca (Tezgaon)	—					—
Faridpur	— 7					71
Barisal	0					81
Khulna	0					68
Satkhira	— 1					65
Jessore						65
Pabna	—					59
Sirajganj	+ 1					64
Bogra	— 10					69
Dinajpur	— 3					73
Rangpur	— 4					84
Jammu						—
Lahore (Jail Rd.)	— 7	0	2.4	— 2.5	8.8	19
Sialkot	— 7	— 4	3.8	— 4.6	10.1	32
Jhelum	—	—	7.2	—	10.2	
Rawalpindi	— 4	+ 2	4.1	— 2.6	10.7	36
Campbellpur	—	—	1.5	—	1.8	—
Khushab	— 5	— 7	0.7	— 2.8	5.7	15
Lyallpur	— 6	— 8	2.7	— 0.3	6.5	12
Montgomery	— 8	— 6	1.8	— 1.8	4.3	10
Multan	+ 1	— 3	0.3	— 1.2	2.0	7
Leiah	—	—	1.5		3.3	8
Khanpur	— 9	— 2	3.3	+ 1.8	4.3	6
Bahawalpur	— 3	—	2.4	+ 0.9	3.1	6
Fort Abbas	—	—	0.1	—	0.4	8
Chekdara	—	—	0.1	—	9.4	—
Peshawar	—	— 3	0.1	— 0.9	6.7	11
Haripur	—	—	3.6	—	10.3	—
Bannu	—	—	0.6	—	3.6	11
D. I. Khan	— 4	— 4	0	— 1.9	2.9	9
Sibi	—	—	1.6	—	2.7	5
Nokkundi	—	—	0	—	0.1	2
Turbat	—	—	1.8	—	4.6	—
Jiwani	—	—	1.2	—	1.9	5
Pasni	0	+ 1	0	— 0.5	0.2	6
Ormara	—	—	1.0	+ 0.4	2.0	6
Lasbela						8
Karachi (Manora)	+ 1	— 3	3.0	+ 0.4	3.0	8
Karachi (Airport)	—	—	3.2	—	3.2	—
Nagarparkar	—	—	4.0	—	4.0	—
Umerkot	—	—	3.3	—	3.4	—
Hyderabad	— 6	+ 2	2.4	+ 0.2	3.2	7
Badin	— 7	— 1	2.3	— 0.3	2.9	9
Padidan	—	—	2.0	—	2.6	—
Nawabshah	—	—	2.4	—	2.8	—
Sukkur	—	—	0.9	—	0.9	4
Kashmore	—	—	0	—	0	—
Jacobabad	— 4	— 5	0.1	— 0.7	1.0	4
Veraval						20
Jalalabad						
Muscat						4
Kuwait						5
HILL STATIONS						
Srinagar *						26
Gulmarg **						—
Sonamarg **						71
Dras **						24
Leh **						3
Skardu *	—					6
Misgar **	—	—				—
Aliabad *						—
Gilgit *	—	—				5
Murree *	— 1	+ 1	7.1	—	25.4	59
Drosh *	0	— 14	0.9	—	12.9	18
Cherat *	— 3	—	1.6	— 1.8	23.8	29
Kakul *	—	—	4.9	—	20.4	—
Landikotal *	—	—	0.5	—	12.2	—
Parachinar *	— 2	0	4.9	—	10.4	29
Miranshah *	—	—	8.2	— 1.7	3.8	13
Wana *	—	—	3.1	—	11.5	41
Fort Sandeman *	— 4	— 1	3.1	+ 1.2	7.8	11
Hindubagh *	—	—	0.8	—	4.6	—
Loralai *	—	—	0.9	—	5.0	9
Harnai *	—	—	2.0	— 0.1	5.2	14
Quetta *	—	—	0	— 0.3	4.2	9
Chaman *	0	+ 3	0	— 0.1	1.3	8
Nushki *	—	—	0	—	1.6	—
Dalbandin *	— 3	0	0	0	1.1	4
Kalat *	— 2	+ 2	0.1	— 0.5	2.1	7
Panjgur *	— 8	— 3	0.3	—	1.3	8
Kabul *						
Kandhar *						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 as RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 19th JULY, 1962.

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_wV_wa PP	$S_pS_bS_s$	OT/ET$_d$T$_d$	$M_dd_dP_dH_d$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Calmar Naples	— — —	43 183	844 04	4 20 37	37 01 2	884 79	33 4 42	—	—	12 0 24
Isadora	— — —	43 246	582 04	3 11 13	96 01 4	990 82	01 9 49	76 5 65	—	01 1 21
Esso Rotterdam	— — —	43 235	894 06	5 14 37	97 01 3	975 93	30 6 46	30 7 65	—	01 4 20
Isadora	— — —	43 351	868 13	6 16 20	96 02 2	964 92	00 9 01	78 7 15	—	01 6 21
Esso Rotterdam	— — —	43 198	459 12	6 27 09	96 01 3	903 90	00 9 03	—	—	02 3 31
Galle	— — —	41 075	706 48	8 29 09	97 01 6	912 83	33 4 76	66 3 46	—	02 1 33
Arsina	— — —	43 281	872 98	6 12 13	98 00 3	990 96	31 5 39	34 2 48	—	03 7 28
Isanda	— — —	43 241	585 90	1 12 00	98 01 7	973 82	00 9 07	76 2 10	—	03 1 77

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
			HHHTTTT$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra	—													
Chittagong	—													
Dacca	—	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—
Bawal	—													
Karachi	—	00 00	970 288 245	587 xxx xxx	—	140 192 175	—	305 155 030	433 085 533	580 558 609	751 645 645	964 760	—	—
Lahore	—	00 00	973 303 233	525 xxx xxx	—	140 232 205	—	307 145 132	433 075 995	583 002 998	759 570 990	981 635	—	—
Multan	—													
Peshawar	—	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—
Quetta	—													

STATION	Time of ascent in G.M.T.	At Significant Levels: PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st. HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra	—												
Chittagong	—												
Dacca	—	00 00	MISDA	—	—	—	—	—	—	—	—	—	—
Bawal	—												
Karachi	—	00 00	900 288 232	800 165 182	350 688 742	—	—	—	—	—	350 688 742	—	—
Lahore	—	00 00	900 260 212	800 185 162	—	—	—	—	—	—	800 185 162	—	—
Multan	—												
Peshawar	—	00 00	MISDA	—	—	—	—	—	—	—	—	—	—
Quetta	—												

PPP—Pressure in hundreds units and units of millibars.

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

Sb—Character of troposphere.

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	4.3	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	4.3	5.4	6.0	7.3	9.0
STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bagra	18 07	19 09					—	—	—	—	13 07	11 06	10 06				—										
Chittagong		12 19	12 19	13 15	19 04		—	—	—	—	—	24 04	20 01	35 01	36 03	—	24 23	20 07	20 03	—	—	—	—	—	—	—	—
Chhor	33 37	34 37	24 22	—	—		—	—	—	—	23 28	34 34	25 41	25 33	—			25 28	—	—	—	—	—	—	—	—	—
Chittagong				—	—		—	—	—	—	09 03	07 04	34 04	04 04	09 04	08 07	—	—	—	—	—	—	—	—	—	—	—
Cox's Bazar	20 08	21 07	22 11	—	—		—	—	—	—	35 03	34 07	33 03	34 04	36 04	—	—	—	—	—	—	—	—	—	—	—	—
Dacca	14 08	16 08	18 11	22 13	23 13	22 15	—	—	—	—	10 04	10 03	10 04				—	—	25 19	36 25	27 29	26 26	—	—	—	—	—
Cuttacolla	—	—	25 07	35 08	24 09	—	—	—	—	—	—	—	24 19	27 15	28 10	29 27	—	—					—	—	—	—	—
D.S. Khan	—	—	—	—	—	—	—	—	—	—	—	—	—	23 01	24 02	26 01	—	—	—	—	23 07	31 10	29 03	36 03	34 01	09 03	22 05
Dyrak	—	—	—	24 23	24 30	20 12	—	—	—	—	—	—	—	23 03	23 12	31 09	—	—	—	32 01	33 03	31 08	—	—	—	—	—
Fort Sandeman	—	—	—	05 21	07 06	31 07	—	—	—	—	—	—	—	21 02	17 03	20 15	—	—	—	15 03	30 06	34 11	26 04	36 03	26 18	—	—
Jacobabad	25 01	20 01	19 09	12 04	01 08	01 07	02 11	31 10	31 10	—	22 08	28 07	20 05	31 07			11 09	08 07	15 03								
Jacobabad			No	Ascent						—	35 01	27 03	28 07	31 07													
Jacobabad										—	03 02	07 08	09 11	04 06	01 07	33 10	16 07	17 09	16 09	—	—	—	—	—	—	—	—
Jacobabad	13 12	12 15	12 13	14 07	07 05	23 10	—	—	—	—	23 10	23 04	25 04	30 03	—	—	22 09	23 07	22 02	—	—	—	—	—	—	—	—
Jiwani	19 14	19 11	18 10	12 03	01 09	03 16	01 10	—	—	—							26 19	27 19	27 26	28 19	—	—	—	—	—	—	—
Karachi	28 25	26 23	26 16	—	—	—	—	—	—	—	20 15	21 10	21 18	22 24	—	—	24 07	29 09	26 06	29 07	31 04	—	—	—	—	—	—
Khanpur	22 07	22 09	23 09	22 10	21 10	—	—	—	—	—	12 03	12 13					09 12	10 24	10 25	11 22	09 14	04 12	02 17	—	—	—	—
Lahore	12 03	12 06	12 06	13 04	18 02	25 04	35 15	24 18	—	—	11 05	13 06	10 04	01 04	01 05	—	33 02	13 03	04 03	05 01	34 09	—	—	—	—	—	—
Multan	19 12	21 10	21 08	19 09	—	—	—	—	—	—																	
Muscat	—	—	—	—	—	—	—	—	—	—	—	—	—	26 13	33 13	—	—	—	—	27 10	30 17	—	—	—	—	—	—
Panjgur	—	—	—	25 04	30 05	30 06	26 09	26 09	—	—	—	06 06	13 07	—	25 05	26 05	—	07 06	11 04	23 05	25 02	32 10	31 12	29 16	28 20	27 23	21 77
Peshawar	—	03 09	08 10	15 07	18 13	29 08	31 28	—	—	—	—	—	—	—	—	—	—	—	—	—	24 02	34 08	—	—	—	—	—
Quetta	—	—	—	—	29 04	30 09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	13 09	15 07	16 07	13 04	xx xx	03 05	—	—	—	—	—	—	—	—	—	—	—
Sylhet	16 06	15 06	16 07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Varavel	—	—	—	—	—	—	—	—	—	—																	

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.3	5.4	6.0	7.3	9.0	10.5	12.0	13.1	14.2	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 30	26 27	27 25	29 22	28 20	31 14	03 12	01 12	33 11	14 09	17 04	23 07	18 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 50 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.)

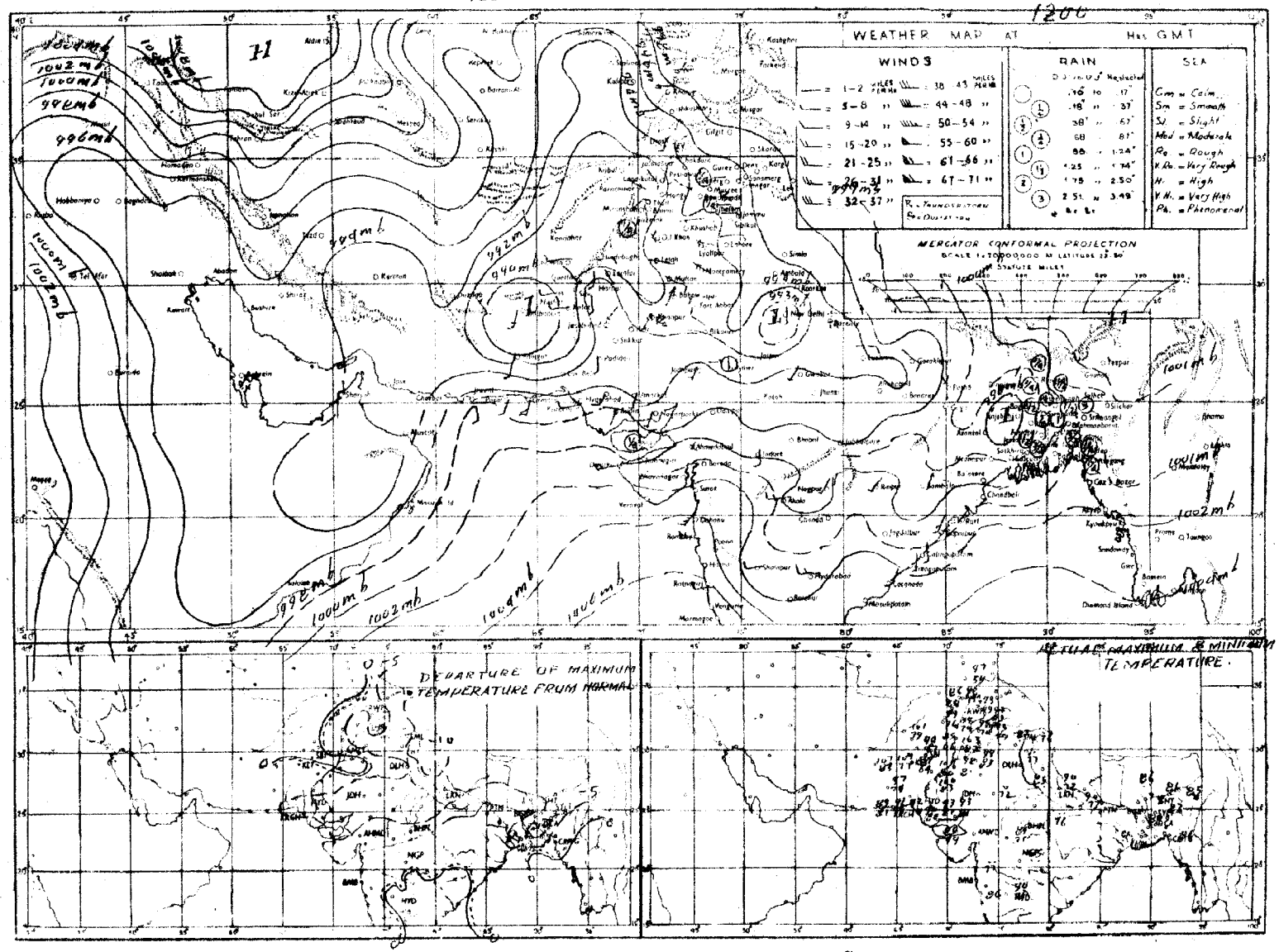
12 850 68 309
11 739 52 710

06 739 33 417

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 Force, KARACHI—29

PAKISTAN DAILY WEATHER MAP

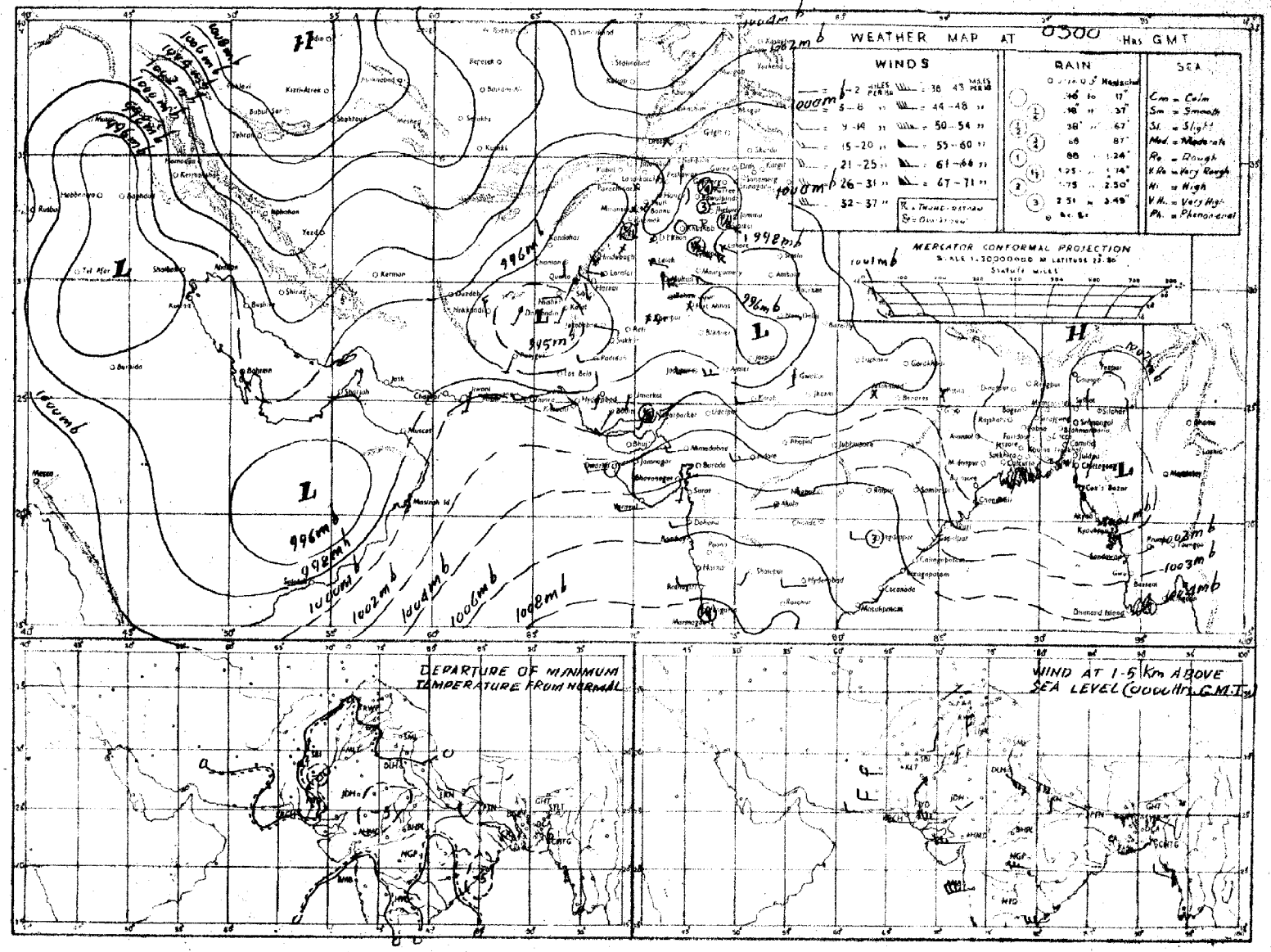
WEDNESDAY 18th JULY, 1962



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 19th JULY, 1962.



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. 16

FRIDAY THE 20th JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's well-marked low over East Punjab (India) and northeast Rajasthan remained practically stationary.

The low pressure wave over north of Peshawar division has moved away eastwards and the other one is moving across northeast of Afghanistan with its associated through now extending to D. I. Khan division.

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

Observations are lacking but believe the easterly low pressure wave has moved into the northeast Bay of Bengal. Under its influence rainfall has been local in Chittagong division and scattered in Khulna division.

Chief amounts of rainfall are:—Sibi 1"; Sialkot and Wana 3/4" each ; Lahore, Murree and Fort Sandeman 1/2" each and Srimangal, Khulna, Rawalpindi, Kakul and Parachinar 1/4" each.

Day temperatures were 3—5 °F (2—3 °C) above normal in East Pakistan and were 12—20 °F (7—11 °C) below normal in Multan, Lahore Sargodha divisions and were 3—6 °F (2—3 °C) so elsewhere over West Pakistan outside Karachi and coastal Kalat divisions.

Forecast valid until the evening of 21st July, 1962 :—Fairly widespread rain/thundershowers will occur in Kashmir and in Lahore, Rawalpindi and Chittagong divisions, local elsewhere in East Pakistan and in Peshawar, Sargodha and Multan divisions and scattered elsewhere in West Pakistan outside Kalat, Karachi and Hyderabad divisions.

Karachi-11
The 20th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
for Director, Meteorological Service.

		AT 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																	Departure from Normal of		Rainfall			
DIVISIONS	STATIONS	Rainfall in Cents	Past weather commenced at †	Total cloud amount	Wind direction in tens of degrees	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 1962 to date	Departure from normal	Since 1st January, 1962 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	Rangamati —	000	0	7	18	02	95	05	1	977	89	5	8	6	1	x	72	95	009	0	2	16	22	98	05	1	019	86	2	4	6	0	0	76	79	—	—	—	—	—	—
	Cox's Bazar —	000	0	7	27	02	97	02	1	970	86	5	3	5	2	0	79	88	014	9	8	18	05	97	02	6	973	63	5	4	5	7	x	78	77	+ 3	0	—	—	—	143
	Chittagong —	000	0	5	27	03	97	03	1	968	86	3	4	6	2	0	77	90	000	0	7	00	00	97	01	2	966	86	5	6	6	2	0	81	82	+ 4	+ 5	—	—	—	100
	Maijdee Court —	000	9	6	18	05	97	03	0	970	89	4	2	6	4	0	86	91	000	9	5	36	12	97	07	0	970	80	3	2	7	1	0	85	xx	+ 5		—	—	—	115
	Comilla —	000	0	4	00	00	97	02	2	948	91	4	4	0	0	0	60	92	000	0	8	00	00	97	02	2	961	90	8	4	6	x	x	73	78	+ 4	+ 1	—	—	—	94
	Brahmanbaria —	000	0	6	31	02	97	03	1	970	89	6	0	9	2	0	79	90	001	0	4	36	05	97	03	1	011	81	4	0	9	7	8	81	72	—	—	—	—	—	78
	Sylhet —	000	0	4	27	05	96	03	0	961	89	1	2	6	0	1	79	93	014	0	9	00	00	96	02	2	969	89	1	1	6	2	1	81	79	—	—	—	—	—	—
	Srimangal —	024	0	4	00	00	95	00	0	974	91	0	0	0	0	0	81	92	026	0	0	00	00	96	00	0	974	87	0	0	9	0	0	52	77	—	—	—	—	—	99
Dacca	Mymensingh —	000	0	2	00	00	98	01	1	973	90	2	1	5	0	0	77	91	000	0	4	00	00	96	03	0	976	88	4	1	5	0	0	80	82	+ 3	+ 4	27.6	— 0.2	32.5	91
	Narayanganj —	000	5	6	00	00	96	03	2	970	90	2	4	3	0	8	79	92	000	9	7	09	02	97	01	2	969	91	2	4	3	0	8	80	83	+ 4	+ 4	17.7	— 3.1	35.0	74
	Dacca (Tezgaon) —	000	0	6	00	00	98	02	0	967	90	1	8	6	0	1	77	91	000	0	7	00	00	97	03	2	965	89	1	2	5	5	1	81	82	—	—	—	—	—	—
	Faridpur —	000	0	2	00	00	96	01	1	966	89	2	4	6	0	0	78	89	000	0	4	07	02	97	02	2	971	xx	2	3	6	1	0	79	81	+ 1	+ 3	—	—	—	71
Khulna	Barisal —	000	0	6	00	09	97	02	2	973	92	6	0	9	4	0	76	92	000	0	6	13	02	97	02	2	973	90	6	7	6	0	0	80	83	+ 5	+ 4	18.9	— 6.4	32.7	81
	Khulna —	000	0	3	00	00	97	01	1	975	90	3	4	7	0	0	78	91	030	0	6	00	00	97	03	6	977	89	0	5	9	0	0	81	81	+ 3	+ 3	18.7	— 3.3	26.3	68
	Satkhira —	000	0	4	00	00	97	01	1	970	91	2	4	6	2	0	78	94	000	0	4	00	00	97	03	2	[illegible]	86	2	4	6	2	0	82	80	+ 5	+ 2	17.9	— 3.1	25.1	65
	Jessore —	000	0	2	09	02	97	01	2	977	88	2	4	6	0	0	81	90	000	0	3	09	02	96	01	1	982	89	3	0	9	1	0	81	81	—	—	12.0	— 7.5	27.2	65
Rajshahi	Pabna —	000	0	3	00	00	99	01	2	969	88	0	0	9	0	2	79	90	000	0	6	05	05	98	03	2	970	88	3	2	7	0	2	83	81	—	—	—	—	—	59
	Sirajganj —	000	0	0	00	00	98	00	0	968	89	0	0	9	0	0	78	91	000	0	8	00	00	98	02	2	970	88	8	0	9	0	4	57	81	+ 3	+ 2	17.0	— 2.7	30.0	64
	Bogra —	000	0	2	00	00	96	01	2	971	88	2	4	5	0	0	77	90	000	0	6	09	02	96	02	2	973	88	0	0	9	0	5	78	80	+ 1	+ 1	—	—	—	69
	Dinajpur —	000	9	0	00	09	96	02	2	961	90	3	0	9	4	0	79	92	001	9	4	00	00	96	02	2	991	86	4	0	9	4	0	79	79	+ 3	0	13.3	—10.9	30.5	72
	Rangpur —	000	0	2	11	02	96	01	2	968	91	1	2	6	1	0	70	92	000	0	3	09	02	96	01	1	992	89	3	0	9	1	0	81	81	+ 3	+ 3	25.1	— 4.0	47.4	84
Kashmir	Jammu —																																								—
Lahore	Lahore (Jail Rd.) —	002	6	7	09	02	96	02	6	971	80	2	5	5	7	0	73	81	056	9	8	00	00	96	61	6	981	76	5	9	5	2	x	75	76	— 19	— 3	3.0	— 2.1	9.6	19
	Sialkot —	000	0	8	18	02	97	20	0	975	82	8	7	5	x	x	78	82	086	9	8	05	02	97	02	6	991	75	8	4	5	x	x	73	73	— 15	— 7	4.6	— 4.0	14.0	32
Rawalpindi	Jhelum —	000	3	6	13	03	97	01	2	964	87	1	1	7	7	0	75	88	006	3	8	00	00	97	60	6	987	78	2	7	6	2	x	74	75	—	—	7.3	—	13.4	
	Rawalpindi —	022	7	5	13	07	98	02	9	954	90	4	3	6	0	3	75	—7	022	0	6	16	02	97	02	2	987	80	5	8	7	3	0	75	77	—	0	4.3	— 2.7	10.9	36
	Campbellpur —	000	0	2	13	03	98	01	2	921	93	1	1	8	1	1	76	94	000	0	1	00	00	98	01	1	962	84	1	1	8	0	0	75	79	—	—	1.5	—	1.8	—
Sargodha	Khushab —	000	0	6	13	07	97	02	2	957	91	6	2	6	4	0	78	82	000	0	6	09	07	93	03	1	986	83	6	2	9	4	0	77	80	— 20	— 2	0.7	— 2.9	5.7	15
	Lyallpur —	000	0	5	13	02	96	02	0	962	87	5	3	8	0	0	79	87	000	0	6	00	08	98	02	2	988	79	6	7	8	0	0	77	77	— 14	— 5	2.7	— 0.4	6.5	13
Multan	Montgomery —	000	0	2	09	04	96	02	0	950	90	3	0	9	0	0	74	91	000	0	8	09	02	96	02	0	965	79	8	0	7	0	0	74	77	— 12	— 7	1.8	— 0.9	4.3	10
	Multan —	000	0	5	18	02	98	03	0	935	98	0	0	9	0	2	78	01	000	0	5	09	02	96	02	0	973	85	3	2	6	0	2	76	83	— 1	— 2	0.3	— 1.3	2.0	7
	Leiah —	000	0	8	36	05	96	03	2	939	88	0	6	8	9	0	74	06	000	0	3	18	02	97	01	0	930	90	1	0	9	9	0	76	81	—	—	1.5		3.3	8
Bahawalpur	Khanpur —	000	0	7	05	03	96	03	2	933	99	3	0	9	3	4	73	01	000	0	3	23	03	95	95	1	961	87	0	0	9	0	4	77	82	— 6	— 1	3.3	+ 1.7	4.3	6
	Bahawalpur —	000	0	7	23	01	96	08	0	xxx	86	x	0	x	x	x	73	02	000	0	6	36	01	97	04	0	972	83	6	0	9	2	0	78	88	— 3	+ 4	2.4	+ 0.8	3.1	6
	Fort Abbas —	000	0	0	05	02	98	00	0	937	94	C	6	9	0	0	75	99	000	0	0	18	02	98	00	0	975	13	0	0	9	0	0	74	78	—	—	0.4	—	0.4	8
Peshawar	Chakdara —	000	0	0	36	02	97	00	0	907	92	0	8	9	0	0	67	93	000	0	0	36	01	97	00	0	955	76	0	0	9	0	0	70	72	—	—	0.1	—	9.4	—
	Peshawar —	000	0	6	36	03	97	03	2	936	93	3	9	6	3	2	63	95	000	0	4	31	05	97	01	1	979	83	1	1	6	3	1	74	80	— 7	0	0.1	— 0.9	6.7	11
	Haripur —	000	0	3	23	01	97	00	0	937	93	3	0	9	0	4	70	95	000	3	4	23	02	97	03	1	974	84	4	0	9	3	0	68	76	—	—	3.6	—	10.3	—
D. I. Khan	Bannu —	000	8	6	09	02	99	03	2	928	55	0	0	9	6	0	70	00	000	2	8	13	01	99	01	2	976	83	0	0	9	0	5	77	79	—	—	0.6	—	3.6	11
	D. I. Khan —	000	3	3	05	02	98	00	0	942	98	0	0	9	0	3	71	99	000	2	2	00	00	98	01	1	978	84	0	0	9	0	1	75	60	— 4	— 3	0	— 1.9	2.9	9
Quetta	Sibi —	000	0	1	08	02	97	05	0	932	04	0	0	9	0	[illegible]	71	05	075	9	5	05	02	97	05	0	974	83	8	2	9	4	1	69	78	—	—	2.5	—	3.6	5
Kalat	Nokkundi —	000	0	0	34	13	97	02	0	918	04	0	0	9	0	0	30	06	000	0	0	34	03	97	02	0	971	88	0	0	9	0	0	46	84	—	—	0	—	0.1	3
	Turbat —	000	0	0	20	07	96	07	2	956	01	0	0	9	0	0	xx	05	000	0	6	23	02	97	02	2	003	87	0	0	9	7	0	xx	xx	—	—	1.8	—	4.6	—
	Jiwani —	000	0	2	18	16	96	01	0	986	87	2	6	4	0	0	76	91	000	0	8	18	03	97	03	2	006	64	5	6	4	1	x	73	82	—	—	1.2	—	1.9	5
	Pasni —	000	8	2	20	18	96	07	1	981	89	0	0	9	0	2	80	92	000	3	8	25	05	97	03	2	985	84	8	4	7	0	0	77	80	+ 1	+ 2	0	— 0.5	0.3	6
Karachi Division	Ormara —	000	0	2	23	12	95	03	1	980	90	2	1	6	0	0	77	92	000	0	3	25	09	94	03	1	003	85	3	1	6	0	0	78	80	—	—	1.0	+ 0.5	2.0	6
	Lasbela —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	3	16	01	97	03	0	942	88	3	0	8	3	0	85	84		—	0	—	0	8
	Karachi (Manora) —	000	0	8	37	16	96	03	2	986	89	0	0	9	7	8	77	88	000	0	0	27	14	96	03	1	996	81	0	0	9	5	0	72	79	0	— 2	3.0	+ 0.4	3.0	8
	Karachi (Airport) —	000	0	7	25	16	96	03	2	986	87	5	5	5	2	0	77	89	000	0	7	37	12	96	03	1	009	84	7	6	5	0	0	77	82	—	—	3.2	—	3.2	—
Hyderabad	Nagarparkar —	000	0	8	23	03	97	00	0	963	81	0	8	5	8	2	75	84	000	0	8	23	03	97	00	0	967	82	0	8	6	0	0	76	79	—	—	4.0	—	4.0	—
	Umarkot —	000	0	8	23	05	98	02	0	964	93	8	5	7	0	0	74	95	000	0	8	23	04	97	03	0	974	85	8	5	7	0	0	77	81	—	—	3.3	—	2.4	—
	Hyderabad —	000	0	2	23	16	97	02	2	968	91	2	5	6	3	1	75	95	000	0	6	23	12	97	03	2	975	85	0	0	9	0	8	74	82	— 4	+ 1	2.4	+ 0.1	3.2	7
	Badin —	000	0	8	23	02	97	00	0	988	93	8	0	9	0	1	76	95	000	0	0	23	02	97	00	0	003	84	0	0	9	0	0	78	81	— 2	— 1	2.3	— 0.5	2.9	9
Khairpur	Padidan —	000	0	2	18	09	98	0[illegible]	1	933	03	2	0	9	1	0	73	04	000	0	0	13	05	98	02	0	965	87	0	0	9	0	0	75	82	—	—	2.0	—	2.6	—
	Nawabshah —	000	0	6	18	10	96	02	2	953	99	3	0	9	3	8	74	01	000	0	0	18	03	96	02	2	973	87	0	0	9	0	0	77	82	—	—	2.4	—	2.8	—
	Sukkur —	000	8	6	20	02	96	03	2	928	03	0	0	9	0	8	75	04	000	9	4	02	02	97	03	2	964	88	4	0	9	6	8	77	85	—	—	0.9	—	0.9	4
	Kashmore —	000	0	8	00	00	99	02	2	986	xx	8	1	2	0	0	82	xx	000	0	4	00	00	99	02	2	982	55	4	1	6	0	0	77	78	—	—	0	—	0	—
	Jacobabad —	000	0	6	13	05	97	03	2	924	05	1	1	6	0	8	75	05	000	0	7	09	03	96	03	2	973	90	1	0	9	4	7	80	88	— 3	+ 3	0.1	— 0.7	1.0	4
Junagadh	Veraval —																																								20
Afghanistan	Jalalabad —																																								4
Arabia	Muscat —																																								5
	Kowait —																																								26
	HILL STATIONS																																								
Kashmir	Srinagar * —	000	0	7	09	04	96	60	6	411	72	0	0	9	0	0	57	xx	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Gulmarg ** —																																								71
	Sonamarg ** —																																								26
	Dras ** —																																								3
	Leh ** —																																								6
	Skardu * —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	619	8	8	00	00	96	61	6	930	61	4	7	3	2	x	59	59	—	—				—
	Misgar ** —	000	0	4	13	05	98	03	1	055	64	4	2	8	0	0	44	70	000	0	6	09	02	98	03	2	080	60	2	1	8	6	0	42	52						—
	Aliabad * —																																								
	Gilgit * —	000	0	6	00	00	98	01	1	437	79	4	5	8	0	0	65	81	000	0	8	00	00	98	02	2	447	69	8	5	8	x	x	63	66	—					8
Rawalpindi	Murree * —	036	5	6	00	00	96	02	6	414	67	6	8	3	0	0	62	71	038	9	6	09	02	95	03	6	424	63	8	5	2	x	x	58	58	— 2	0	7.4	—	25.8	59
Peshawar	Drosh * —	000	0	2	23	01	99	01	0	357	93	2	2	7	x	4	48	96	000	6	7	00	03	97	03	2	412	77	4	5	7	5	0	55	75	— 1	+ 2	0.9	—	12.9	18
	Cherat * —	000	0	0	23	07	98	00	0	373	85	C	0	9	0	0	74	88	000	0	8	43	11	96	03	6	352	71	8	6	6	0	0	69	50	— 1	— 21	1.6	— 2.4	25.8	25
	Kakul * —	000	8	4	16	43	97	01	3	405	80	3	2	5	6	0	62	82	026	9	5	29	02	98	02	9	417	71	5	4	6	0	0	67	67	—	—	5.8	—	20.6	—
	Landikotal * —	000	0	7	13	07	98	03	1	332	85	7	0	9	7	x	74	90	000	0	4	05	07	98	01	2	404	77	2	0	9	3	3	69	xx	— 4	— 1	0.5	—	12.2	—
	Parachinar * —	028	2	7	13	03	98	03	6	411	67	7	7	8	0	0	57	83	028	0	4	00	00	99	01	2	421	68	4	1	9	1	0	59	65	—	—	5.1	—	18.7	21
D. I. Khan	Miranshah * —	000	0	8	05	05	98	03	2	388	67	8	4	8	8	0	70	92	010	0	6	05	05	98	03	4	400	78	6	4	8	0	0	60	76	—	—	0.2	— 1.7	2.0	13
	Wana * —	000	0	6	00	00	99	02	3	505	82	6	0	9	2	0	58	88	085	0	7	00	00	99	01	7	xxx	xx	7	0	7	1	0	62	66	—	—	4.0	—	12.3	11
Quetta	Fort Sandeman * —	049	0	6	05	05	98	17	9	434	73	6	9	6	0	0	46	96	049	0	7	00	00	97	03	9	419	77	7	0	9	7	x	50	73	— 4	— 2	3.4	+ 1.7	8.3	11
	Hindubagh * —	000	0	7	25	14	96	00	0	336	91	0	8	8	0	8	49	93	000	0	7	00	00	96	00	0	392	72	0	0	8	8	8	61	65	—	—	0.8	—	4.6	—
	Loralai * —	000	0	7	11	03	92	02	2	384	87	0	4	8	2	1	61	90	000	0	6	27	02	99	02	2	429	74	0	0	9	2	1	65	68	—	—	0.9	—	5.0	5
	Harnai * —	000	0	7	18	09	97	03	0	375	94	3	1	5	3	0	65	95	000	0	0	00	00	97	00	0	393	84	0	0	9	0	0	64	80	—	—	2.0	— 0.2	5.2	14
	Quetta * —	000	0	2	31	03	96	62	0	375	92	2	1	5	0	0	68	96	000	0	0	00	00	96	00	0	414	74	0	0	9	0	0	53	72	—	—	0	— 0.4	4.2	1
	Chaman * —	000	0	0	27	07	98	00	0	370	97	0	0	9	0	0	66	98	000	0	0	18	07	98	00	0	403	81	0	0	9	0	0	17	77	— 3	+ 1	0	— 0.1	1.3	
	Nushki * —	000	9	6	27	09	98	03	0	397	81	6	0	9	0	3	50	02	000	0	0	18	05	96	05	4	427	89	0	0	9	0	0	50	81	—	—	0		1.6	—
	Dalbandin * —	000	0	0	20	14	94	07	0	397	03	0	0	9	0	0	35	05	000	0	0	27	03	94	05	0	410	83	0	0	9	0	0	33	77	— 5	0	0	0	1.1	
Kalat	Kalat * —	000	0	0	27	05	98	C0	0	448	85	0	0	9	0	0	70	88	000	0	0	18	02	98	00	0	413	71	0	0	9	0	0	63	64	— 3	+ 2	0.1	— 0.5	2.1	
	Panjgur * —	000	0	3	23	10	97	03	0	403	98	2	5	6	0	0	53	89	000	0	0	23	04	96	02	0	419	77	0	0	9	0	0	71	75	— 6	— 3	0.3	—	1.3	
Afghanistan	Kabul * —																																								
	Kandhar * —																																								

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 20th JULY, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_aL_aL_a$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_aV_a a PP	8 $N_sC_sh_sh_s$	$OT_aT_aT_dT_d$	$Id_ad_aP_aH_a$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Shams	53 309	696 00	8 32 20	96 03 2	.064 85	45 3 57	76 1 xx	—	00 1 80	13 2 44
British Power	53 190	593 00	3 22 22	97 01 1	—	—	—	—	—	—
British Power	53 170	573 16	3 22 22	97 05 0	—	—	—	—	—	—
Calcos Naples	53 123	555 06	1 21 35	97 02 1	075 78	00 9 04	—	—	—	—
Shams	53 226	685 06	8 28 16	98 03 2	014 82	55 3 37	76 1 xx	—	05 0 76	13 1 46
Isidore	53 277	514 06	0 00 00	98 02 8	998 90	00 9 00	76 2 10	—	03 3 77	13 8 44
Arlene	53 230	595 06	3 14 12	98 02 8	994 80	00 9 40	34 4 00	—	05 3 86	10 0x 0
British Power	53 171	563 12	0 22 50	97 05 0	—	—	—	—	00 0 76	11 4 23
Calcos Rotordam	53 138	488 12	6 25 13	98 03 2	920 88	50 8 34	—	—	—	—
Isidore	53 205	497 12	0 16 10	98 03 0	970 92	00 9 00	76 8 10	—	00 2 82	13 5 32
Arlene	53 218	597 12	6 17 18	97 03 2	980 81	00 9 47	44 7 04	—	00 3 75	11 7 23
Bay of Bengal										
Shakina Shign	53 170	880 12	7 25 34	97 03 2	07x 78	13 x xx	—	—	—	—
Deccan Sign	53 180	685 18	0 25 10	97 03 2	—	—	—	—	—	—

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTTTdTdTd	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	xxx xxx xxx	—	—	138 192 132	...	304 118 072	431 022 548	577 598 642	739 673 508	961 772	221 972	...	...
Jessni														
Karachi	00 00	996 212 252	510 xxx xxx	...	140 225 212	...	309 165 995	438 055 992	589 548 995	761 655 998		...	—	—
Lahore	00 00	975 272 232	513 xxx xxx	...	139 192 995	...	304 095 995	431 060 990	...	...		...	—	—
Multan														
Peshawar														
Quetta														

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	900 289 262	800 990 xxx	706 148 558	561 018 928	...	...	...	...	...	561 018 928	...	...
Jessni													
Karachi	00 00	900 258 242	828 192 160	...	...	...	...	...	...	...	900 258 242	...	...
Lahore	00 00	900 232 226	...	...	...	...	...	...	...	...	900 232 226	...	...
Multan													
Peshawar													
Quetta													

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra	09 06	10 06	13 06	12 08	13 09	14 14	11 18	12 23	31 26	05 04	05 06	06 06	07 06	09 10	11 08
Chaklala	—	13 02	17 07	16 10	12 01	34 02	32 15	—	—	—	14 02	10 04	10 08	63 03	03 07
Chhor	33 19	24 16	25 19	—	—	—	—	—	—	22 31	24 29	25 31	—	—	—
Chittagong	27 07	29 08	29 10	31 11	—	—	—	—	—	03 09	03 14	01 15	—	—	—
Cox's Bazar	27 08	26 04	19 04	14 10	12 09	—	—	—	—	35 01	34 07	33 05	34 03	36 04	—
Dacca	06 02	09 03	05 04	03 02	12 05	12 11	11 17	12 21	12 25	03 07	03 07	04 05	05 08	10 07	08 07
Dalbandin	—	—	26 23	26 23	25 36	—	—	—	—	—	—	25 12	31 09	29 17	27 19
D. I. Khan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	23 07	20 18	23 11	34 11	35 12	—	—	—	26 01	26 03	25 06
Fort Sandeman	—	—	—	10 15	26 03	30 07	—	—	—	—	—	—	22 05	21 05	20 14
Jacobabad	10 03	12 03	13 02	22 01	23 03	36 03	01 09	34 13	31 12	03 09	09 04	09 06	10 10	12 15	07 07
Jessore	09 04	12 03	19 03	21 04	19 04	14 11	—	—	—	04 05	03 06	03 07	04 07	08 08	11 11
Peshawar	12 10	11 11	13 12	08 09	04 09	01 10	—	—	—	07 12	07 15	07 11	02 05	35 07	02 11
Jiwani	20 09	17 09	11 06	—	—	—	—	—	—	21 06	16 03	01 02	30 06	—	—
Karachi	25 19	25 24	25 32	—	—	—	—	—	—	—	—	—	—	—	—
Khanpur	25 05	27 03	27 05	28 06	21 12	27 07	—	—	—	22 11	23 15	23 21	24 24	31 09	32 05
Lahore	09 10	18 13	14 16	11 13	08 16	05 15	—	—	—	No	Ascent				
Multan	05 06	07 05	09 06	06 03	31 07	—	—	—	—	09 03	10 07	31 03	30 07	35 07	36 11
Mussoorie	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	29 05	32 06	28 04	—	—	—	—	—	—	31 13	34 14	32 05
Peshawar	—	04 10	07 12	13 07	17 14	30 16	xx xx	31 13	—	—	01 05	00 02	16 02	11 04	36 07
Quetta	—	—	—	—	23 04	26 04	—	—	—	—	—	—	—	23 04	07 09
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sylhet	27 05	27 06	20 03	xx xx	11 06	11 05	10 10	xx xx	09 02	—	—	—	—	—	—
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	04 03	05 03	05 04	—	—	—	—	—	—	—	—
Chaklala	—	18 03	09 03	05 05	04 07	—	—	—	—	—	—
Chhor	24 34	24 31	25 22	—	—	—	—	—	—	—	—
Chittagong	19 14	18 09	17 10	—	—	—	—	—	—	—	—
Cox's Bazar	10 07	10 08	—	—	—	—	—	—	—	—	—
Dacca	06 08	08 06	09 07	10 13	09 13	09 17	09 25	09 29	08 29	09 21	12 18
Dalbandin	—	—	24 19	26 17	26 22	27 24	—	—	—	—	—
D. I. Khan	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	35 10	19 03	21 01	—	—	—	—	—
Fort Sandeman	—	—	—	26 03	20 04	31 10	—	—	—	—	—
Jacobabad	12 07	13 04	25 04	25 05	35 08	33 07	29 06	25 03	24 03	24 14	—
Jessore	03 09	03 06	08 05	08 10	09 14	—	—	—	—	—	—
Peshawar	07 03	09 06	09 09	09 10	09 10	05 10	—	—	—	—	—
Jiwani	17 03	17 04	22 04	—	—	—	—	—	—	—	—
Karachi	27 16	27 19	27 20	—	—	—	—	—	—	—	—
Khanpur	02 01	04 04	01 03	36 05	—	—	—	—	—	—	—
Lahore	02 11	04 19	05 19	—	—	—	—	—	—	—	—
Multan	06 07	03 07	36 11	36 12	34 19	—	—	—	—	—	—
Mussoorie	—	—	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	35 10	34 08	—	—	—	—	—	—
Peshawar	—	04 05	08 09	13 06	13 08	15 10	—	—	—	—	—
Quetta	—	—	—	—	29 05	23 08	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—
Sylhet	11 08	11 06	09 35	11 20	10 22	10 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	03 06	03 07	03 08	05 07	07 07	10 07	10 17	10 22	10 21	09 26	11 29	13 29	13 03	13 56	—	—	—	—
Karachi	26 29	28 33	29 29	30 18	32 09	02 06	23 01	25 14	24 13	—	—	—	—	—	—	—	—	—
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.

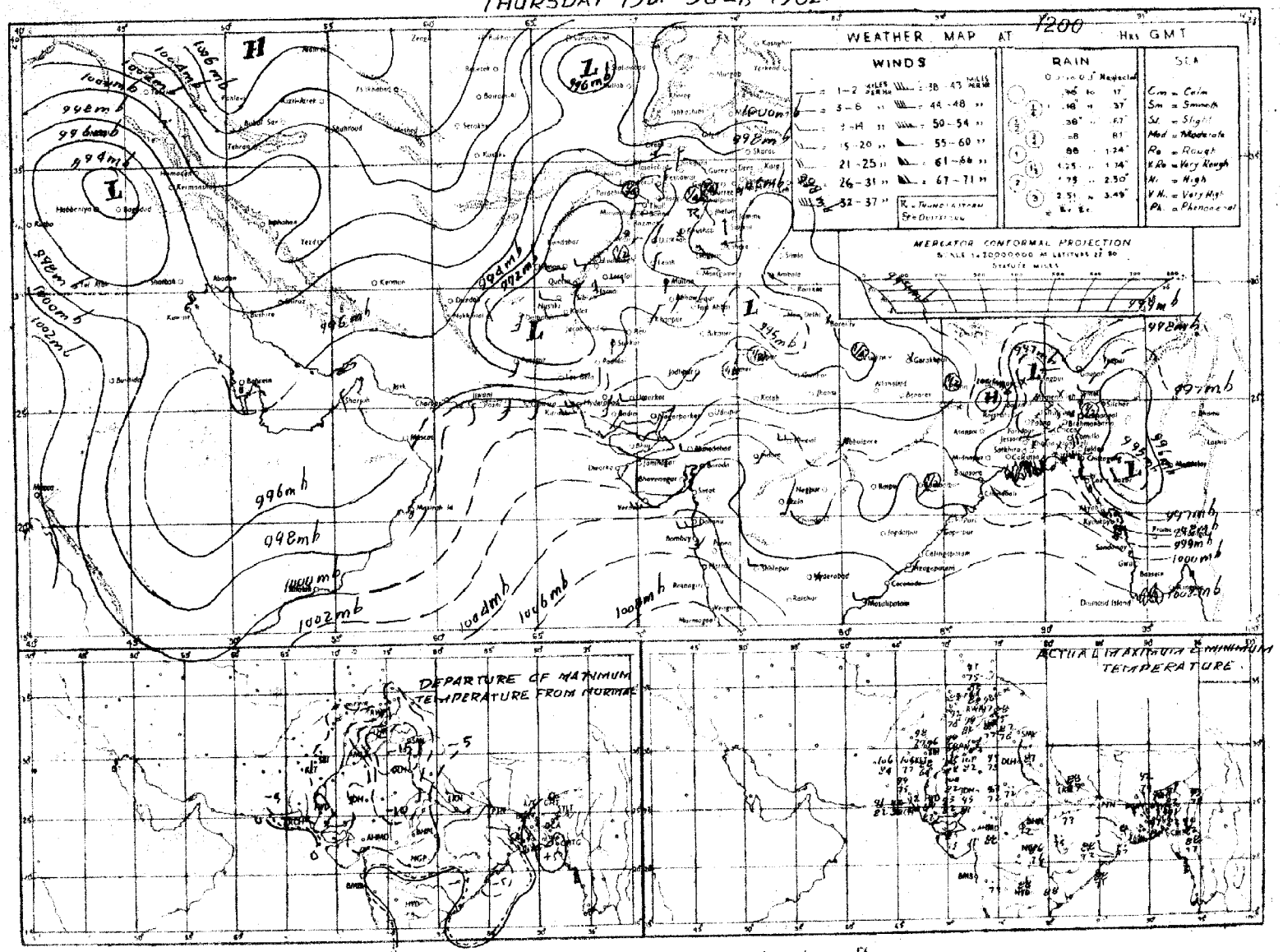
Cloud observation Data (GGiii Cdd V_rV_r etc.)

05 739 63 310
05 917 01 105

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 Force, KARACHI—11

PAKISTAN DAILY WEATHER MAP

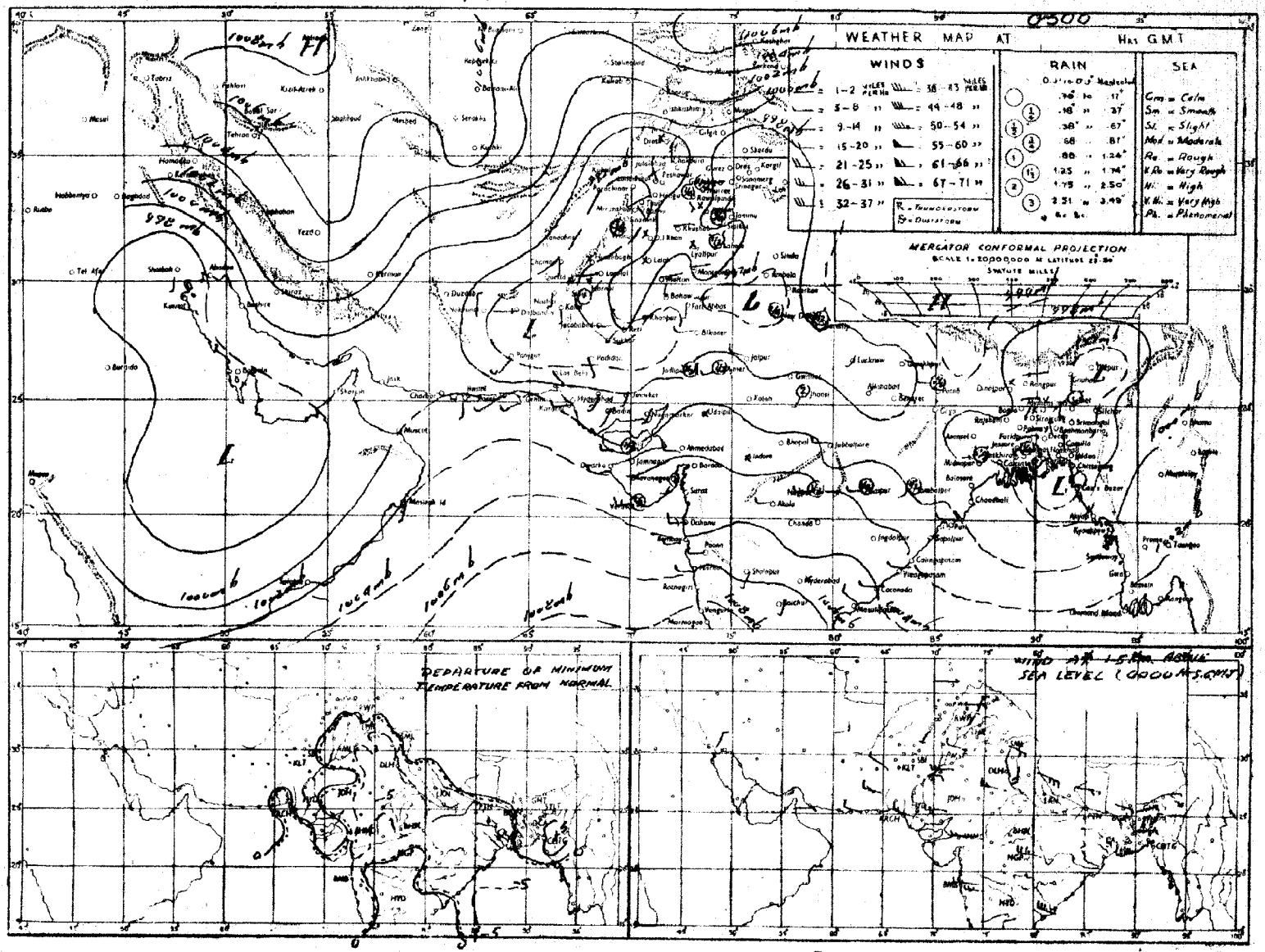
THURSDAY 19th JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY, 20th JULY, 1962.



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. 16

SATURDAY THE 21st JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's well marked low now lies over Lahore division and neighbourhood.

The low pressure wave to the northeast of Afghanistan is today moving away across north of Peshawar division and Kashmir, while its associated trough over D. I. Khan division persists.

Under their combined influence rain/thundershowers have been widespread in Lahore and Rawalpindi divisions, fairly widespread in Peshawar division, local in Sargodha division and scattered in Multan, D. I. Khan and Quetta divisions. Locally moderately heavy to beavy falls have occurred in Lahore, Rawalpindi, Multan and Peshawar divisions.

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

Observations from West Bengal and Orrissa are lacking but believe under the influence of yesterday's easterly low pressure wave a well marked low pressure area has formed over the northwest Bay of Bengal.

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

Chief amounts of rainfall are:—Montgomery and Haripur 4" each; Lahore and Kakul 3" each; Murree 2"; Bogra and Rawalpindi 1½" each; Cox's Bazar, Chittagong, Jhelum and Harnai 1" each ; Srimangal, Pabna and Chakdara 3/4" each ; Maijdee Court Barisal and D. I. Khan 1/2" each ; and Satkhira, Sirajganj, Sialkot, Compbellpur and Drosh (upto 0000 GMT) 1/4" each.

Day temperatures were 11—22 °F (6—12 °C) below normal in Lahore, Rawalpindi, Sargodha and adjoining Multan divisions and 4—9 °F (2—5 °C) so elsewhere over West Pakistan outside Khairpur, Hyderabad, Karachi and coastal Kalat divisions and 4—8 °F (2—4 °C above normal in East Pakistan.

Forecast valid until the evening of 22nd July, 1962 :—Fairly widespread rain/thundershowers will occur in Chittagong, Lahore, Rawalpindi, Sargodha, Peshawar and Multan divisions and in Kashmir, local elsewhere over East Pakistah and in D. I. Khan and Bahawlpur divisions and scattered in Quetta and Khairpur divisions.

Heavy rainfall warning :- Locally moderate to heavy falls may occur in Chittagong, Lahore, Rawalpindi, Sargodha, Peshawar and Multan divisions and in Kashmir during next 24 hours.

Karachi-11
The 21st July, 1962.

M. AZHAR ADIL
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	Rangamati	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77	94
	Cox's Bazar	007	6	7	13	09	97	02	6	954	84	5	4	5	4	0	76	89
	Chittagong	091	3	6	00	00	97	03	6	950	81	4	5	6	2	0	78	89
	Maijdee Court	015	5	7	18	05	96	03	6	954	87	4	6	5	2	0	81	93
	Comilla	000	0	8	00	00	97	03	2	972	85	8	4	6	x	x	84	94
	Brahmanbaria	000	7	7	18	02	96	17	9	957	82	7	9	5	0	0	78	93
	Sylhet	000	0	5	09	05	96	02	2	946	91	2	2	6	4	1	76	93
	Srimangal	040	1	8	00	00	95	02	6	954	85	8	0	3	0	0	89	92
Dacca	Mymensingh	000	0	5	13	02	97	02	1	949	92	2	4	5	0	4	81	95
	Narayanganj	000	0	6	18	02	96	03	9	946	87	4	4	3	0	8	xx	95
	Dacca (Tezgaon)	000	3	7	16	02	97	02	6	942	90	4	3	5	0	8	82	93
	Faridpur	000	0	8	00	00	96	02	2	949	89	5	4	6	1	0	62	92
Khulna	Barisal	000	4	8	18	02	97	02	9	952	89	8	7	6	x	x	81	93
	Khulna	010	2	7	00	00	96	02	6	957	83	7	5	5	0	0	80	92
	Satkhira	020	1	6	00	00	97	03	6	968	82	4	4	6	2	0	79	94
	Jessore	000	0	4	18	02	97	02	2	971	89	4	5	5	0	0	82	92
Rajshahi	Pabna	000	0	7	36	02	98	03	2	940	90	1	2	6	5	8	80	93
	Sirajganj	000	0	8	00	00	97	02	2	941	92	6	9	5	0	0	83	96
	Bogra	000	0	6	05	02	96	03	2	944	92	4	4	5	0	1	81	93
	Dinajpur	000	9	4	00	00	96	51	1	944	92	4	0	9	1	x	79	96
	Rangpur	000	0	5	00	00	96	03	1	951	92	5	0	9	1	0	84	95
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	342	8	8	31	02	96	02	9	958	75	6	6	4	2	x	75	77
	Sialkot	023	0	8	00	08	97	21	2	964	77	8	4	6	x	x	75	83
Rawalpindi	Jhelum	029	8	8	36	03	96	63	6	969	79	3	7	5	2	2	74	81
	Rawalpindi	000	3	7	11	07	98	20	6	968	81	7	5	7	0	0	73	86
	Campbellpur	000	0	6	13	09	98	02	1	933	91	2	0	8	1	1	75	95
Sargodha	Khushab	000	0	6	13	03	96	93	2	970	83	2	2	6	8	9	79	84
	Lyallpur	011	3	6	11	02	96	35	5	965	78	6	6	8	0	0	75	81
Multan	Montgomery	000	0	8	31	02	96	03	0	xxx	xx	8	0	7	0	0	75	81
	Multan	000	0	6	09	02	98	03	0	935	96	2	2	6	0	2	73	96
	Leiah	000	0	8	23	03	97	02	2	927	98	0	0	9	9	0	87	02
Bahawalpur	Khanpur	000	0	4	05	05	96	02	1	931	97	3	0	9	4	1	73	97
	Bahawalpur	000	0	7	05	01	97	00	0	xxx	85	0	5	8	2	0	77	97
	Fort Abbas	000	0	0	05	02	98	00	0	939	95	0	0	9	0	0	72	97
Peshawar	Chakdara	000	0	6	36	04	97	01	2	920	83	6	2	7	0	0	68	93
	Peshawar	004	3	7	25	10	96	17	9	946	82	4	9	6	3	0	73	97
	Haripur	000	1	8	13	02	96	50	2	953	84	8	0	6	0	0	69	90
D.I. Khan	Bannu	000	0	6	13	02	99	01	2	926	95	0	0	9	0	5	68	95
	D. I. Khan	000	6	4	00	00	98	03	0	928	96	0	0	9	0	4	74	97
Quetta	Sibi	000	0	0	18	02	96	05	0	933	03	0	0	9	0	0	75	04
Kalat	Nokkundi	000	0	0	31	13	97	02	0	924	03	0	0	9	0	0	30	04
	Turbat	00.	0	0	27	03	97	00	2	940	05	0	0	9	0	0	xx	xx
	Jiwani	000	0	2	23	10	97	02	1	980	88	2	6	4	0	0	75	90
	Pasni	000	8	4	25	18	95	07	0	971	88	0	0	9	0	3	77	92
Karachi Division	Ormara	000	0	3	23	10	95	03	1	970	90	3	1	6	0	1	79	92
	Lasbela	000	0	3	00	10	98	03	0	901	03	3	0	9	3	0	84	05
	Karachi (Manora)	000	0	6	35	16	96	03	3	932	86	0	0	9	1	0	79	89
	Karachi (Airport)	000	0	6	25	14	96	03	3	973	87	2	5	6	0	8	79	91
Hyderabad	Nagarparkar	000	0	6	23	03	97	00	0	972	85	0	6	7	0	0	73	89
	Umarkot	000	0	8	25	03	98	02	0	948	95	8	5	7	0	0	75	96
	Hyderabad	000	0	5	23	10	97	03	1	949	95	0	0	9	0	1	72	99
	Badin	000	0	0	23	05	97	00	0	975	94	0	0	9	0	0	74	98
Khairpur	Padidan	000	0	0	27	02	98	02	0	932	07	0	0	9	0	0	66	07
	Nawabshah	000	0	0	18	05	96	02	0	935	03	0	0	9	0	0	73	05
	Sukkur	000	8	4	20	02	96	03	2	920	04	0	0	9	0	4	75	05
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jacobabad	000	0	0	13	02	96	02	2	924	05	0	0	9	0	0	74	06
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **	xxx	x	2	23	10	98	01	1	993	72	1	8	8	0	0	33	74
	Skardu *	020	8	8	00	00	95	53	6	392	63	4	7	3	2	x	59	65
	Misgar **																	
	Aliabad *																	
	Gilgit *	010	4	8	00	00	97	61	6	473	68	8	7	7	x	x	65	74
Rawalpindi	Murree *	015	4	8	11	13	95	61	4	419	61	8	9	3	x	x	58	66
Peshawar	Drosh *	002	4	8	00	00	96	17	9	401	78	9	8	6	x	x	60	94
	Cherat *	000	0	4	13	05	98	02	0	353	80	4	0	5	6	0	71	82
	Kakul *	008	3	7	31	03	96	61	6	401	72	7	7	5	0	0	69	78
	Landikotal *	000	2	6	13	07	98	01	9	398	82	6	3	7	x	x	65	88
	Parachinar *	000	0	6	13	02	98	03	2	397	74	6	6	8	0	0	62	80
D.I. Khan	Miranshah *	000	0	6	05	05	98	03	2	391	xx	6	4	8	0	0	74	91
	Wana *	000	0	4	13	03	98	12	0	505	85	4	1	9	0	0	65	87
Quetta	Fort Sandeman *	000	0	7	18	09	97	03	1	385	88	7	5	6	x	x	47	94
	Hindubagh *	000	0	7	27	12	96	00	0	358	89	0	0	8	0	8	24	91
	Loralai *	000	0	7	20	03	98	02	3	376	86	0	4	8	2	1	48	90
	Harnai *	000	1	5	13	13	96	03	3	363	84	3	1	5	1	0	47	96
	Quetta *	000	0	3	27	03	96	02	0	385	90	3	1	5	0	0	56	91
	Chaman *	000	0	8	27	07	98	00	8	394	95	0	0	9	0	0	25	96
	Nushki *	000	0	0	18	05	96	05	4	417	99	0	0	9	0	0	32	01
	Dalbandin *	000	0	0	27	10	94	07	0	401	99	0	0	9	0	0	23	01
Kalat	Kalat *	000	0	0	23	05	98	00	0	394	83	0	0	6	0	0	71	86
	Panjgur *	000	0	1	31	05	97	03	0	408	00	1	6	6	0	0	35	01
Afghanistan	Kabul *																	
	Kandhar *																	

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)
Rangamati	011	0	6	18	02	98	05	1	010	88	4	8	6	3	x	78	79
Cox's Bazar	118	8	8	18	13	97	02	6	995	81	5	4	5	2	x	77	77
Chittagong	091	0	7	13	14	97	03	2	995	84	6	5	6	2	0	75	79
Maijdee Court	049	5	8	18	09	96	51	6	995	80	6	2	5	2	0	77	77
Comilla	000	0	8	18	05	97	02	2	960	87	8	4	4	x	x	84	83
Brahmanbaria	000	0	6	13	07	97	03	1	995	87	2	5	5	1	4	77	79
Sylhet	000	0	5	18	02	97	01	2	997	86	1	1	6	3	2	76	80
Srimangal	080	0	0	00	00	96	00	0	996	87	0	0	9	0	0	78	77
Mymensingh	011	0	8	00	00	97	03	0	999	85	8	2	5	0	0	79	80
Narayanganj	000	9	8	13	09	97	03	2	984	84	8	7	2	x	x	77	82
Dacca (Tezgaon)	009	9	7	13	09	97	03	6	979	85	7	3	3	1	0	77	82
Faridpur	000	0	6	16	10	96	02	2	996	86	4	5	5	0	0	77	80
Barisal	040	4	6	09	05	96	03	6	983	85	6	7	6	0	0	78	83
Khulna	010	0	7	13	05	97	03	2	969	86	7	5	4	0	0	79	80
Satkhira	035	9	x	xx	xx	97	03	6	062	86	4	4	6	2	0	80	79
Jessore	000	0	1	09	09	97	03	2	965	84	x	7	6	0	2	80	79
Pabna	076	9	4	09	09	98	03	9	971	86	4	2	6	0	0	79	79
Sirajganj	027	7	8	13	03	98	02	2	985	85	8	4	5	0	0	78	77
Bogra	150	5	7	13	03	96	03	6	988	85	4	5	5	2	x	77	77
Dinajpur	000	9	6	09	02	96	02	2	987	86	6	0	9	2	0	79	78
Rangpur	000	0	6	07	02	96	03	1	999	84	3	5	6	2	0	77	81
Jammu																	
Lahore (Jail Rd.)	344	9	8	13	05	96	20	5	965	79	7	6	4	2	x	75	75
Sialkot	023	0	6	13	03	98	01	2	960	83	6	4	6	x	x	78	73
Jhelum	046	4	6	36	03	98	01	9	965	78	3	5	5	1	0	74	75
Rawalpindi	151	9	8	02	05	97	02	6	985	73	5	5	6	4	0	72	72
Campbellpur	025	7	7	00	00	97	02	2	982	74	7	2	7	1	1	74	74
Khushab	001	3	7	05	05	97	51	5	963	76	5	5	9	2	0	75	76
Lyallpur	036	3	6	00	00	96	50	6	964	78	6	6	8	0	0	75	xx
Montgomery	371	8	8	00	00	96	21	6	955	76	8	6	6	0	0	73	73
Multan	000	0	6	00	00	98	02	1	966	85	2	4	6	0	2	73	82
Leiah	000	0	8	36	01	97	03	2	979	87	0	5	8	0	0	77	81
Khanpur	000	0	5	00	00	95	05	2	963	88	3	0	9	3	2	73	81
Bahawalpur	000	0	6	18	01	97	00	0	961	87	6	0	9	0	0	76	87
Fort Abbas	000	0	0	31	02	98	00	0	960	86	0	0	9	0	0	74	80
Chakdara	076	0	6	36	02	96	01	0	956	76	6	0	9	9	0	70	72
Peshawar	004	9	7	00	02	97	02	9	978	80	2	5	6	3	0	71	74
Haripur	374	9	8	31	02	95	65	6	966	71	8	7	6	0	0	69	69
Bannu	000	0	0	00	00	95	00	0	956	86	0	0	9	0	0	68	78
D. I. Khan	060	2	5	25	02	98	01	1	963	84	0	0	9	0	3	74	75
Sibi	005	0	0	05	02	97	05	0	965	84	0	0	9	0	0	69	92
Nokkundi	000	0	0	34	19	97	07	0	949	87	0	0	9	0	0	30	83
Turbat	000	0	6	29	02	97	02	2	988	85	5	4	9	3	0	xx	xx
Jiwani	000	0	8	13	03	97	02	2	967	83	8	6	4	0	0	74	83
Pasni	000	3	6	29	02	96	02	1	984	84	4	2	7	3	0	75	81
Ormara	000	0	8	27	07	94	03	2	973	85	8	3	5	1	x	79	83
Lasbela	000	0	3	11	01	97	30	0	935	85	3	0	8	3	0	81	82
Karachi (Manora)	003	0	8	27	12	96	03	2	986	80	0	0	9	6	0	73	78
Karachi (Airport)	00.	0	7	25	09	96	03	2	989	84	3	6	5	2	0	77	83
Nagarparkar	000	0	8	00	00	97	00	0	981	84	0	8	6	0	0	75	81
Umarkot	000	0	8	20	03	97	02	0	970	83	8	5	7	0	0	76	80
Hyderabad	000	0	1	23	12	97	03	0	966	85	7	5	6	0	0	75	82
Badin	000	0	0	23	02	97	00	0	993	84	0	0	9	0	0	77	80
Padidan	001	0	0	13	07	98	02	0	947	85	0	0	9	0	0	74	81
Nawabshah	000	0	0	18	03	96	01	0	962	86	0	0	9	0	0	74	82
Sukkur	000	4	0	02	02	97	02	2	962	87	0	0	9	0	0	75	85
Kashmore	000	0	6	00	00	99	02	2	969	93	6	1	4	0	0	77	77
Jacobabad	000	0	0	00	00	96	02	0	957	91	0	0	9	0	0	79	87
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar *	xxx	xx	8	00	00	97	60	6	420	63	1	7	9	5	7	xx	xx
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **	...	...	...	...	...		...	...		...		...	...			...	
Skardu *	122	9	8	00	00	97	02	5	384	61	3	7	4	2	x	56	56
Misgar **																	
Aliabad *																	
Gilgit *	010	0	8	00	00	97	06	2	447	65	8	5	7	x	x	60	64
Murree *	032	7	9	13	13	96	61	9	404	59	9	x	9	x	x	59	58
Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...
Cherat *																	
Kakul *	306	9	8	27	02	94	63	6	414	64	8	7	4	x	x	64	63
Landikotal *	000	0	6	00	03	98	02	2	398	73	6	0	9	3	0	60	67
Parachinar *	000	0	5	00	00	99	01	2	417	63	5	1	9	1	0	59	63
Miranshah *	000	0	4	00	02	98	01	1	382	77	4	4	8	0	0	68	75
Wana *	000	0	7	00	00	99	01	1	505	73	7	0	9	7	0	64	70
Fort Sandeman *	002	0	8	00	00	96	02	9	412	74	2	5	6	2	x	56	72
Hindubagh *	000	0	8	13	02	96	00	0	391	71	0	0	6	8	0	58	66
Loralai *	000	0	6	00	00	99	01	2	393	73	0	0	9	1	2	62	68
Harnai *	115	3	8	31	05	97	03	5	368	75	6	2	5	1	0	59	65
Quetta *	000	0	0	18	02	96	03	0	393	75	0	0	9	0	0	60	68
Chaman *	000	0	0	13	05	98	00	0	389	85	0	0	9	0	0	25	76
Nushki *	000	9	0	18	09	96	05	4	430	86	0	0	9	0	0	39	81
Dalbandin *	000	2	4	20	03	94	05	0	397	83	4	0	8	7	0	23	79
Kalat *	000	0	0	18	03	98	00	0	406	70	0	0	9	0	0	64	59
Panjgur *	000	0	0	00	00	96	02	0	413	78	0	0	9	0	0	57	75
Kabul *																	
Kandhar *																	

Departure from Normal of / Rainfall

Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati	—					—
Cox's Bazar	+ 4	+ 1				140
Chittagong	+ 1	+ 2				108
Maijdee Court	+ 7	— 1				115
Comilla	+ 6	+ 3				94
Brahmanbaria	—	—				78
Sylhet	—	—				—
Srimangal		1				99
Mymensingh	+ 7	+ 2	27.7	— 0.5	32.7	91
Narayanganj	+ 7	+ 3	17.7	— 3.5	35.0	74
Dacca (Tezgaon)	—	—				—
Faridpur	+ 4	+ 1				71
Barisal	+ 6	+ 1	18.3	— 6.6	33.1	81
Khulna	+ 4	+ 2	18.8	— 3.6	26.4	68
Satkhira	+ 5	+ 1	18.3	— 3.2	25.5	65
Jessore	—	—	12.0	— 7.9	22.2	65
Pabna	—	—				59
Sirajganj	— 8	— 2	17.3	— 2.7	30.3	64
Bogra	+ 4	— 2				69
Dinajpur	+ 7	— 1	13.3	—11.3	30.5	72
Rangpur	+ 6	+ 2	25.1	— 0.5	47.4	84
Jammu						—
Lahore (Jail Rd.)		— 4	6.4	— 1.2	12.8	15
Sialkot	— 23	+ 4	4.9	— 4.1	11.2	33
Jhelum	— 14	—	8.3	—	14.3	
Rawalpindi	—	— 5	5.8	— 1.5	12.4	36
Campbellpur	— 11	—	1.8	—	2.0	—
Khushab	—	— 6	0.7	— 3.1	5.7	15
Lyallpur	— 8	—	3.1	— 0.1	6.8	12
Montgomery	— 20	— 10	5.5	+ 2.9	8.0	10
Multan	22	— 3	0.3	— 1.3	2.0	7
Leiah	— 4	—	1.5	—	3.3	8
Khanpur	— 10	— 2	3.3	+ 1.7	4.3	6
Bahawalpur	— 8	+ 4	2.4	+ 0.8	3.1	6
Fort Abbas	—	—	0.1	—	0.4	8
Chakdara	—	—	0.9	—	11.1	—
Peshawar	— 5	— 6	0.2	— 0.9	6.8	11
Haripur	—	—	7.3	—	14.0	—
Bannu	—	—	0.6	—	3.6	11
D. I. Khan	— 6	— 8	0.6	— 1.4	3.5	9
Sibi	—	—	2.6	—	3.7	5
Nokkundi	—	—	0	—	0.1	2
Turbat	—	—	1.8	—	4.6	—
Jiwani	—	—	1.2	—	1.9	5
Pasni	+ 1	+ 3	0	— 0.5	0.2	6
Ormara	—	—	1.0	+ 0.5	2.0	4
Lasbela	—	—	0	—	0	8
Karachi (Manora)	+ 1	— 3	3.0	+ 0.3	3.0	8
Karachi (Airport)	—	—	3.2	—	3.2	—
Nagarparkar	—	—	4.0	—	4.0	—
Umarkot	—	—	3.3	—	2.4	—
Hyderabad	0	+ 1	2.4	+ 0.1	3.2	7
Badin	+ 1	— 1	2.3	— 0.7	2.9	9
Padidan	—	—	2.0	—	2.6	—
Nawabshah	—	—	2.4	—	2.8	—
Sukkur	—	—	0.9	—	0.9	4
Kashmore		—	0	—	0	—
Jacobabad	— 2	+ 3	0.1	— 0.9	1.0	4
Veraval						20
Jalalabad						
Muscat						4
Kuwait						5
HILL STATIONS						
Srinagar *		—				26
Gulmarg **						—
Sonamarg **						71
Dras **						24
Leh **	—					3
Skardu *	—	—				6
Misgar **						—
Aliabad *						—
Gilgit *	—	—				5
Murree *	— 7	0	9.8	— 2.1	20.1	[illegible]
Drosh *	— 3					18
Cherat *	— 7					29
Kakul *	—	—	8.1	—	23.7	—
Landikotal *	—	—	0.5	—	12.2	—
Parachinar *	— 7	— 3	5.1	—	10.7	29
Miranshah *	—	—	8.2	— 1.8	2.0	13
Wana *	—	—	4.0	—	13.3	11
Fort Sandeman *	— 6	— 2	3.6	+ [illegible].6	8.3	11
Hindubagh *	—	—	0.8	—	4.6	—
Loralai *	—	—	0.9	—	5.0	9
Harnai *	—	—	3.2	+ 0.9	6.3	14
Quetta *	—	—	0	— 0.4	4.2	9
Chaman *	— 5	+ 1	0	— 0.1	1.3	8
Nushki *	—	—	0	—	1.6	—
Dalbandin *	— 9	+ 3	0	0	1.1	4
Kalat *	— 8	— 3	0.1	— 0.5	2.1	7
Panjgur *	— 4	— 1	0.3	—	1.3	5
Kabul *						
Kandhar *						

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 21st JULY, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN				YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a pp	8 $N_sCh_sh_s$	$0T_sT_sT_dT_d$	$I_wd_wP_wH_w$
1				2	3	4	5	6	7	8	9	10	11
ARABIAN SEA													
British Power	—	—	—	63 157	539 00	4 21 23	97 08 0						
Vlarant	—	—	—	63 069	966 00	2 18 04	97 01 0	087 82	28 5 00	33 1 00	02 8 30	00 0 27	11 0 20
Caltex Madrid	—	—	—	63 204	590 06	8 21 19	97 02 2	081 77	52 3 40	56 1 21	—	00 6 73	12 1 33
British Power	—	—	—	63 190	927 06	3 20 20	98 01 0			—	—		
Caltex Rotterdam	—	—	—	63 159	834 06	3 21 09	97 01 1	051 79	30 9 48	—	—	00 3 76	12 1 22
Caltex Rotterdam	—	—	—	63 165	540 12	4 33 28	97 01 2	029 87	42 5 00		—	00 2 73	22 2 23
Daressa	—	—	—	63 220	690 12	7 25 18	97 02 2	001 88	55 3 xx	73 6 00	—	00 0 00	13 5 31
Caltex Madrid	—	—	—	63 183	574 18	0 30 25	97 02 0	029 73	00 9 00	55 ? 10	—	00 8 72	13 0 33
Caltex Rotterdam	—	—	—	63 173	565 18	2 32 17	97 01 1	032 98	xx x xx		—	00 5 73	12 2 23
Kalinmaru	—	—	—	63 239	680 18	3 23 18	97 01 1	006 45	11 4 00	75 4 00	—	00 9 00	12 5 33
Kosistan	—	—	—	63 154	700 18	6 30 26	97 02 2	060 82	54 3 20	76 6 29	—	00 0 73	
Abadan	—	—	—	63 172	600 18	6 21 20	97 02 2	040 79	71 6 00	43 2 00	—	05 1 64	12 1 26
				63 287	500 18	9 19 02	97 82 0	99x 84	—		—	—	—
Bay of Bengal	—	—	—										
Ogmena P.				63 08x	89 000	8 25 10	97 59 5	81x 76	13 x xx	—	—	—	—
Oceanmaiing				63 208	98 512	8 25 18	97 59 6	90x 76	13 x xx	—	—	—	
Groenedaek				63 143	86 412	8 22 13	97 02 2	000 83	38 2 2x	26 6 00	—	00 1 79	12 2 31

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 HHHTTTT$_d$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	—	—	—	135 205 192	—	304 115 085	432 055 018	579 528 572	755 622 718	967 760	—	—	—
Iswardi	—													
Karachi	00 00	997 282 238	536 xxx xxx	—	134 178 162	—	309 080 990	428 008 992	570 562 995	74x 638 995	965 782	—	—	—
Lahore	00 00	973 342 230	546 xxx xxx	—	137 232 152	—	305 168 002	431 105 982	584 025 998	762 935 995	984 665	—	—	—
Multan	—													
Peshawar	—													
Quetta	—													

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE St. HHHHTT	TROPOPAUSE W. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	—												
Chittagong	—												
Dacca	00 00	966 282 225	900 212 202	800 142 132	520 002 845	350 682 782	329 618 718	—	—	—	329 618 718	—	—
Iswardi	—												
Karachi	00 00	900 215 192	800 145 525	—	—	—	—	—	—	—	800 145 535	—	—
Lahore	00 00	900 245 180	800 215 081	—	—	—	—	—	—	—	800 215 082	—	—
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 °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

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

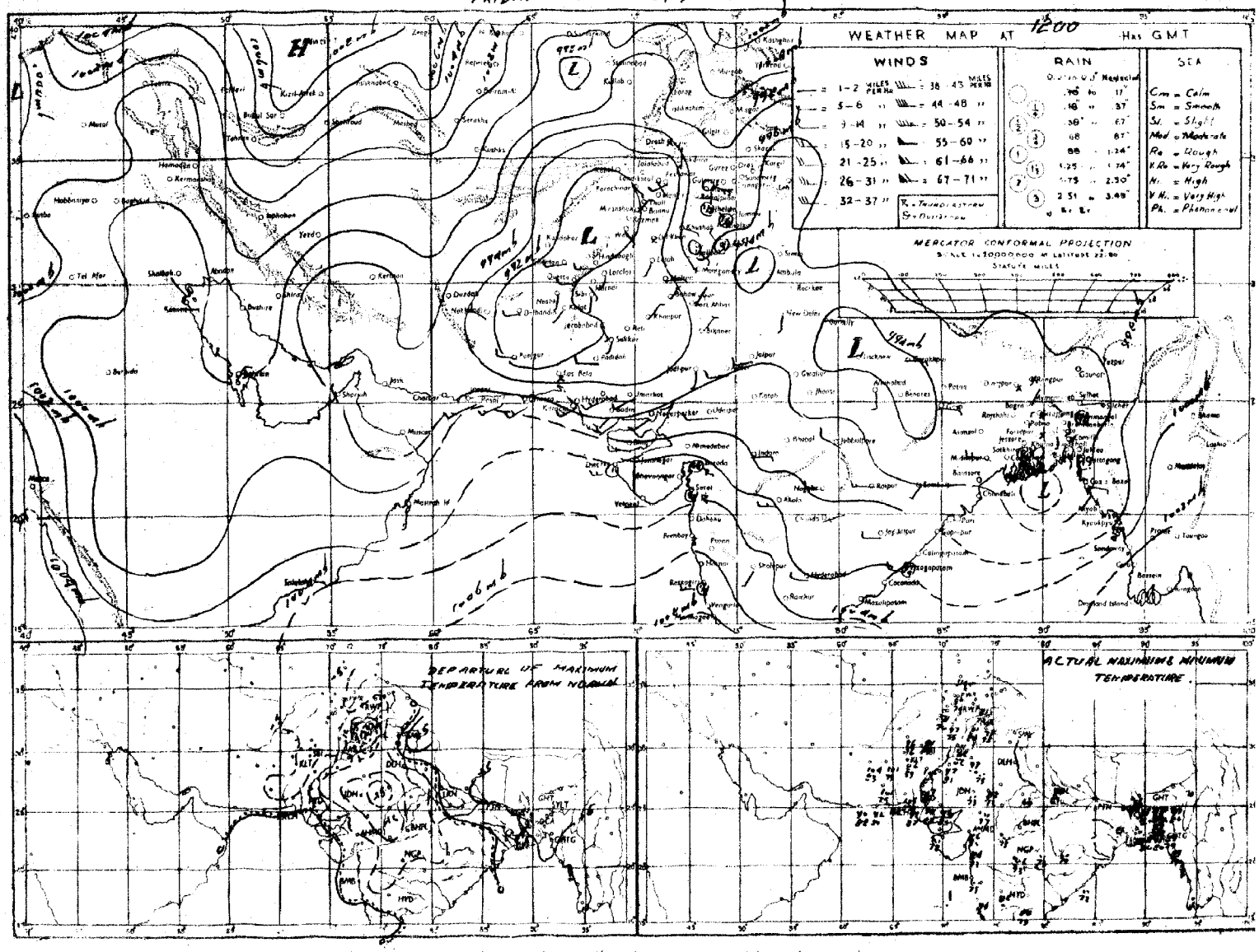
Cloud observation Data (GGiii Cdd V_rV_r etc.)

06 712 33 812

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

PAKISTAN DAILY WEATHER MAP

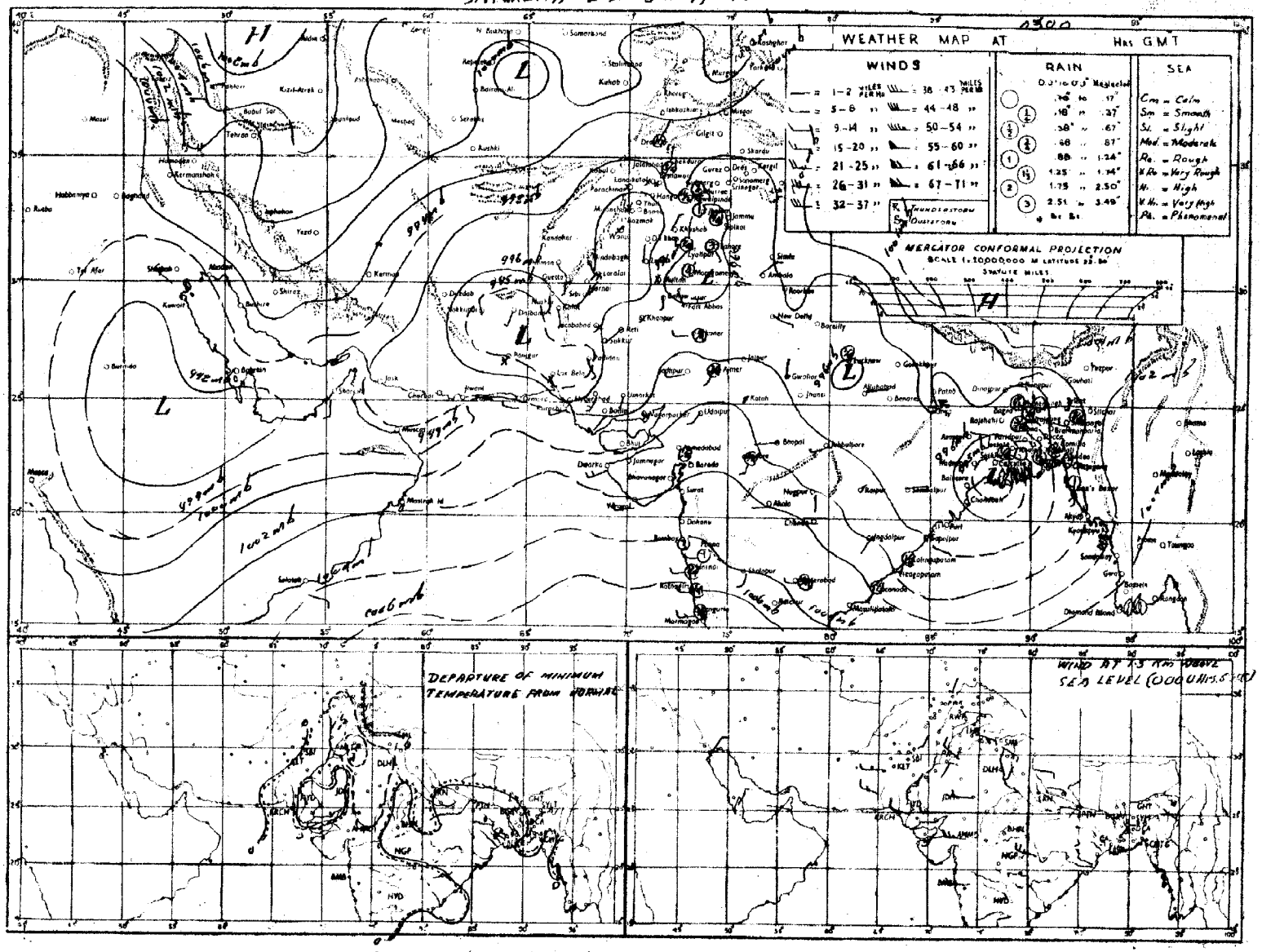
FRIDAY, 20th JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY, 21st JULY, 1962.



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. 16

SUNDAY THE 22nd JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's well marked low pressure area over Bay of Bengal moved inland northeastwards and new lies over Chota Nagpur and Orissa. It is likely to move in a westerly direction and intensify.

Fairly widespread rain/thundershowers have occurred over East Pakistan outside Rajshahi division where they have been scattered.

The well marked low over Lahore division moved away northeastwards.

The westerly low pressure wave north of Peshawar division also moved away northeastwards; the other low pressure wave is moving across East Russian Turkistan with its associated trough extending to Quetta division.

Under their combined influence rain/thundershowers have been widespread in Rawalpindi division; local in Sargodha and Peshawar divisions and scattered in Quetta division with locally moderate to heavy falls in Rawalpindi and Peshawar divisions. Light rain has also been reposted from Lahore, Multan and D. I. Khan divisions.

Chief amounts of rainfall are:—Cherat 4"; Murree 3"; Maijdee Court, Campbellpur, Chakdara, Haripur and Kakul 2" each; Chittagong 1½"; Cox's Bazar and Rawalpindi 1" each; Brahmanbaria, Srimangal, Dacca, Faridpur Pabna, Drosh and Fort-Sandeman 1/2" each and Comilla, Sylhet, Narayanganj, Barisal Khulna, Satkhira and khushab 1/4" each.

Day temperatures were 12-20 °F (7—11°C) below normal in Lahore, Rawalpindi, Sargodha, Multan and Peshawar divisions and 4—8 °F (2—4 °C) so in D. I. Khan and Quetta divisions.

Forecast valid until the evening of 23rd July, 1962 :—Rain/thundershowers will be fairly widespread in East Pakistan and in Lahore, Rawalpindi, Peshawar divisions and Kashmir; local in Sargodha and Multan divisions and scattered in Quetta, D. I. Khan Bahawalpur and Khairpur divisions.

Heavy rainfall warning :- Locally moderate heavy rain will fall in East Pakistan and in Lahore, Rawalpindi, Peshawar divisions and Kashmir during next 48 hours.

Karachi-11
The 22nd July, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	000	0	6	18	25	96	05	4	972	83	4	7	5	7	x	77	90
	Cox's Bazar	021	1	8	23	23	97	61	6	981	81	7	5	4	x	x	77	85
	Chittagong	009	3	8	31	14	97	80	8	978	81	5	6	5	2	x	75	88
	Maijdee Court	010	7	6	09	09	97	82	6	967	84	4	2	8	5	0	75	86
	Comilla	010	0	8	18	09	95	82	2	952	84	8	4	5	x	x	78	88
	Brahmanbaria	056	1	6	00	00	96	62	6	972	82	6	4	5	0	0	79	91
	Sylhet	003	3	8	11	05	96	60	3	976	82	7	8	5	[illegible]	x	77	95
	Srimangal	000	0	8	00	00	95	02	0	974	83	8	8	3	x	x	84	91
Dacca	Mymensingh	000	8	5	13	02	97	02	1	970	84	8	7	4	x	x	78	92
	Narayanganj	000	2	6	13	03	96	03	6	965	84	4	4	2	0	8	78	xx
	Dacca (Tejgaon)	009	7	7	13	05	97	02	6	959	83	2	9	5	0	1	79	97
	Faridpur	006	4	4	11	05	96	01	6	961	86	2	5	6	0	8	81	87
Khulna	Barisal	010	4	6	27	02	96	03	5	959	85	4	7	6	4	0	78	88
	Khulna	000	0	7	16	07	97	03	1	958	84	7	5	4	0	0	79	89
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jessore	000	0	5	18	03	97	02	5	959	85	3	5	6	6	0	79	87
Rajshahi	Pabna	033	6	4	11	05	98	01	6	948	84	0	0	9	0	8	74	89
	Sirajganj	000	0	8	13	02	98	02	2	957	85	8	9	5	4	1	79	91
	Bogra	002	3	6	13	05	96	30	6	955	87	4	5	5	2	1	79	91
	Dinajpur	000	9	6	09	02	96	02	1	956	90	2	1	6	2	x	77	92
	Rangpur	000	0	6	09	03	96	03	1	960	90	5	5	6	2	0	82	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	002	6	8	08	02	96	03	6	946	85	5	3	5	0	0	77	85
	Sialkot	000	0	2	13	02	98	01	2	938	89	2	2	6	x	x	75	91
Rawalpindi	Jhelum	000	2	7	09	05	98	39	9	965	84	5	6	5	1	0	77	86
	Rawalpindi	005	3	8	36	01	98	20	6	961	80	8	5	6	0	0	74	80
	Campbellpur	125	9	7	02	03	97	02	2	956	77	2	2	7	2	2	74	77
Sargodha	Khushab	037	6	7	36	03	96	22	6	946	83	4	3	6	2	0	83	87
	Lyallpur	000	3	6	[illegible]	00	97	[illegible]	5	945	86	6	3	8	0	0	79	87
Multan	Montgomery	000	8	8	00	00	97	02	1	934	90	0	0	9	0	0	77	91
	Multan	000	8	7	00	00	98	03	1	926	99	3	2	6	0	2	69	01
	Leiah																	
Bahawalpur	Khanpur	003	0	3	05	02	96	03	0	933	01	2	2	6	0	1	73	02
	Bahawalpur	000	0	3	23	01	97	00	0	xxx	99	0	2	9	0	1	78	09
	Fort Abbas	000	8	0	18	02	98	00	0	924	02	0	0	9	0	0	70	03
Peshawar	Chakdara	120	9	6	18	02	97	01	6	967	71	6	0	9	3	0	71	73
	Peshawar	000	7	7	36	03	98	02	5	981	82	3	1	6	7	8	70	82
	Haripur	198	8	8	13	01	95	60	6	984	73	8	7	6	0	0	69	73
D. I. Khan	Bannu	000	4	5	00	00	97	03	0	926	93	0	0	9	5	0	67	96
	D. I. Khan	000	6	4	05	02	98	05	0	934	94	0	0	9	0	4	72	94
Quetta	Sibi	000	5	3	18	02	96	05	1	923	05	0	0	9	2	1	64	06
Kalat	Nokkundi	000	8	8	34	13	97	02	0	904	02	0	0	9	0	0	24	04
	Turbat	000	0	0	33	03	97	00	2	940	06	0	0	9	0	0	xx	47
	Jiwani	000	0	0	18	09	97	01	1	957	07	0	0	9	0	0	77	90
	Pasni	000	6	0	20	16	96	07	4	959	08	0	0	9	0	0	77	92
Karachi Division	Ormara	000	0	2	23	18	94	03	1	950	88	2	1	6	0	0	78	93
	Lasbela	000	0	4	00	12	98	04	0	990	90	4	0	8	4	0	86	05
	Karachi (Manora)	000	0	6	38	14	96	03	3	959	87	0	0	9	4	0	80	90
	Karachi (Airport)	000	0	6	35	12	96	01	2	963	87	5	5	5	3	0	75	89
Hyderabad	Nagarparkar	000	0	3	23	03	97	00	0	947	90	0	3	7	0	0	77	95
	Umarkot	000	0	8	33	04	98	02	0	940	97	0	3	7	0	0	76	98
	Hyderabad	000	0	0	33	12	97	02	0	948	94	0	0	9	0	0	75	97
	Badin	000	0	0	33	02	97	00	0	983	96	0	0	9	0	0	73	98
Khairpur	Padidan	000	0	0	18	05	98	02	0	919	03	0	0	9	0	0	68	04
	Nawabshah	000	0	0	12	05	96	02	0	932	04	0	0	9	0	0	72	03
	Sukkur	000	0	0	23	03	97	02	0	916	05	0	0	9	0	0	80	06
	Kashmore	000	0	4	00	00	99	02	0	941	xx	4	1	7	0	0	81	xx
	Jacobabad	000	0	0	31	05	96	05	2	919	05	0	0	9	0	0	76	06
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	284	4	8	11	13	90	61	9	398	62	9	1	0	1	1	62	62
Peshawar	Drosh *	029	8	8	05	03	96	60	3	443	66	8	5	6	1	1	59	70
	Cherat *	250	5	8	05	13	90	03	2	361	65	8	6	6	0	0	58	xx
	Kakul *	[illegible]	9	8	21	02	98	03	6	[illegible]	64	8	7	3	1	1	63	65
	Landikotal *	000	8	4	23	08	98	01	1	399	76	4	7	5	0	0	65	80
	Parachinar *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
D. I. Khan	Miranshah *	000	0	8	05	06	97	03	2	415	86	8	4	8	0	0	70	94
	Wana *	000	0	4	00	00	99	01	1	505	84	4	1	9	0	0	58	86
Quetta	Fort Sandeman *	000	0	4	00	00	97	03	1	420	91	4	2	6	0	0	42	93
	Hindubagh *	000	0	8	13	12	96	00	0	352	83	0	0	8	0	0	41	90
	Loralai *	000	0	6	16	03	99	02	3	369	86	0	0	9	2	1	54	88
	Harnai *	000	0	8	15	03	96	02	0	373	91	6	1	5	1	0	59	88
	Quetta *	000	0	2	21	03	96	02	0	385	88	3	1	5	0	0	60	91
	Chaman *	000	0	0	23	05	98	00	0	361	96	0	0	9	0	0	18	95
	Nushki *	000	1	4	30	05	96	05	4	467	94	0	0	9	0	0	33	00
	Dalbandin *	000	4	4	03	14	96	07	0	887	02	1	0	9	0	0	25	04
Kalat	Kalat *	000	0	0	34	09	98	04	0	379	83	0	0	9	0	0	73	05
	Panjgur *	000	0	3	31	06	96	03	0	891	00	9	8	6	0	0	35	01
Afghanistan	Kabul *																	
	Kandhar *																	

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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	002	9	6	08	05	97	88	6	030	84	6	7	5	3	x	79	77	—	—	—	—	—	[illegible]
	Cox's Bazar	119	3	8	18	05	97	03	6	020	83	6	8	5	2	0	78	78	0	+ 2	—	—	—	[illegible]
	Chittagong	135	9	6	13	12	97	02	6	013	82	5	5	6	3	0	77	76	+ 2	— 1	—	—	—	[illegible]
	Maijdee Court	002	9	6	13	13	97	62	6	009	83	4	2	5	5	0	79	77	0	— 1	—	—	—	[illegible]
	Comilla	018	1	8	18	09	97	60	6	965	80	8	4	4	x	x	79	76	+ 3	— 1	—	—	—	[illegible]
	Brahmanbaria	056	0	4	13	07	97	03	1	010	83	4	8	5	x	x	79	79	—	—	—	—	—	[illegible]
	Sylhet	035	9	7	09	05	96	21	6	023	82	6	8	5	7	0	73	78	—	—	—	—	—	78
	Srimangal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	—				90
Dacca	Mymensingh	000	0	8	13	02	97	02	1	012	82	8	5	4	x	x	77	78	+ 8	0	27.7	— 1.0	32.7	91
	Narayanganj	031	5	8	11	07	97	02	6	997	84	8	7	2	x	x	80	79	x	0	10.0	— 3.6	35.3	74
	Dacca (Tejgaon)	054	8	8	13	05	97	61	6	995	81	5	5	4	3	x	79	79	—	—	—	—	—	—
	Faridpur	047	8	7	16	05	97	02	5	989	83	6	5	6	1	0	80	78	— 1	— 1	—	—	—	71
Khulna	Barisal	025	9	6	09	02	97	02	6	998	85	6	6	6	0	0	78	80	+ 1	+ 1	19.5	— 6.9	33.3	81
	Khulna	030	9	6	18	05	97	2	6	991	84	6	5	4	0	0	79	80	+ 1	+ 2	19.1	— 3.7	26.7	88
	Satkhira	033	4	6	18	03	97	03	6	987	85	3	4	6	2	0	79	79	—	+ 1	18.6	— 3.3	25.8	88
	Jessore	000	0	7	13	17	97	03	2	983	83	5	5	6	6	0	80	79	—	—	12.0	— 0.2	20.2	88
Rajshahi	Pabna	048	5	4	13	05	99	01	6	984	87	4	2	7	0	3	81	80	—	—	—	—	—	88
	Sirajganj	000	0	4	13	02	97	01	2	992	83	4	4	6	0	0	79	78	+ 3	— 1	17.3	— 3.1	30.9	84
	Bogra	002	2	8	09	07	94	02	3	991	81	6	6	4	2	x	76	81	+ 2	+ 3	—	—	[illegible]	88
	Dinajpur	000	9	6	00	00	96	02	2	991	84	6	0	9	1	0	78	78	+ 2	— 1	13.3	— 11.7	30.8	77
	Rangpur	100	0	5	09	05	96	01	2	011	85	2	5	6	2	0	79	80	+ 2	+ 1	25.1	— 4.8	47.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	002	9	1	00	03	96	05	1	981	87	1	0	9	3	0	75	79	— 14	8	6.4	+ 1.0	12.8	19
	Sialkot	000	0	0	00	00	98	00	0	977	86	0	0	9	0	0	76	79	— 6	0	4.9	— 3.3	11.2	33
Rawalpindi	Jhelum	003	4	3	00	00	97	03	1	981	84	3	8	6	0	0	77	78	—	—	8.3	—	14.4	—
	Rawalpindi	100	9	6	09	03	97	03	6	988	81	6	3	6	0	0	75	71	— 17	— 6	6.8	— 0.8	13.4	86
	Campbellpur	225	9	7	00	00	97	02	2	001	71	2	2	7	2	2	77	70	—	—	4.0	—	4.3	—
Sargodha	Khushab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 15					13
	Lyallpur	000	6	0	00	00	96	00	5	981	79	0	0	9	0	0	78	76	— 14	— 6	3.1	— 0.2	4.8	12
Multan	Montgomery	000	8	0	00	00	96	02	0	973	88	0	0	9	0	0	78	81	— 12	— 2	5.6	+ 2.9	8.1	10
	Multan	000	0	4	36	03	97	01	1	972	87	0	0	9	0	2	77	85	— 1	0	0.1	— 1.4	2.0	7
	Leiah																							8
Bahawalpur	Khanpur	000	0	1	23	02	95	05	0	960	85	1	0	9	3	0	76	xx	— 2	x	3.3	+ 1.6	4.3	6
	Bahawalpur	001	1	6	13	02	97	08	8	981	88	6	0	9	2	0	75	88	— 2	+ 5	2.4	+ 0.7	2.1	6
	Fort Abbas	000	0	9	27	04	98	00	0	970	93	0	0	9	0	0	74	86	—	—	0.1	—	0.4	8
Peshawar	Chakdara	210	3	6	36	02	96	50	5	998	67	6	3	7	0	0	76	65	—	—	3.0	—	12.2	—
	Peshawar	000	8	5	18	03	98	01	6	005	77	1	5	6	3	0	78	73	— 18	— 7	0.2	— 1.0	6.8	11
	Haripur	247	8	5	05	01	96	01	6	997	74	5	5	6	0	0	68	69	—	—	9.8	—	14.5	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	978	xx	0	0	9	0	0	67	76	—	—	0.6	—	3.6	43
	D. I. Khan	000	0	[illegible]	05	02	98	00	0	984	92	0	0	9	0	0	73	78	— 9	— 5	0.6	— 1.4	2.5	9
Quetta	Sibi	000	0	0	23	02	96	05	0	971	89	0	0	9	0	0	73	87	—	—	2.6	—	3.7	9
Kalat	Nokkundi	000	0	0	34	05	98	02	0	955	91	0	0	9	0	0	27	76	—	—	0	—	0.1	2
	Turbat	000	0	0	23	02	97	06	0	961	91	0	0	8	0	0	xx	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	7	13	03	97	03	2	961	85	7	4	4	0	0	74	82	—	—	1.2	—	1.9	8
	Pasni	000	2	2	20	02	96	03	0	990	83	0	0	9	3	0	77	81	+ 2	+ 3	0	— 0.6	0.2	6
Karachi Division	Ormara	000	0	4	25	05	94	03	1	983	85	5	1	6	0	0	78	83	—	—	1.0	+ 0.5	2.0	6
	Lasbela	000	0	3	16	14	98	03	0	942	87	3	0	8	3	0	83	82	—	—	0	—	0	8
	Karachi (Manora)	000	0	6	25	12	96	03	2	980	82	0	0	9	4	0	73	80	+ 4	— 1	3.0	+ 0.2	3.0	8
	Karachi (Airport)	000	0	3	27	09	96	01	1	991	84	3	4	5	0	0	77	[illegible]	—	—	3.2	—	3.2	—
Hyderabad	Nagarparkar	100	0	5	23	02	97	00	0	981	84	0	5	7	0	0	74	81	—	—	4.0	—	4.9	—
	Umarkot	003	0	0	20	03	97	02	0	982	84	0	0	9	0	0	76	79	—	—	3.3	—	3.4	—
	Hyderabad	000	0	0	23	10	97	02	0	975	85	0	0	9	0	0	75	81	— 1	0	2.4	0	2.3	7
	Badin	000	0	0	23	02	97	00	0	998	84	0	0	9	0	0	77	81	+ 5	0	2.3	— 0.9	2.9	9
Khairpur	Padidan	000	0	6	13	08	98	02	0	949	85	0	0	9	0	0	74	82	—	—	2.0	—	2.6	—
	Nawabshah	000	0	0	16	02	96	02	0	974	85	0	0	9	0	0	75	81	—	—	2.4	—	2.8	—
	Sukkur	000	0	0	20	03	97	02	0	962	87	0	0	9	0	0	78	84	—	—	0.9	—	0.9	4
	Kashmore	000	0	0	00	00	99	00	0	956	92	0	0	9	0	0	72	77	—	—	0	—	0	—
	Jacobabad	000	0	0	09	05	96	02	0	979	88	0	0	9	0	0	81	87	— 1	+ 3	0.2	— 0.9	1.8	4
Junagadh	Veraval																							30
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							8
	HILL STATIONS																							
Kashmir	Srinagar *																							24
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							24
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							3
Rawalpindi	Murree *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		— 11					80
Peshawar	Drosh *	063	8	8	00	00	95	51	6	462	63	8	5	5	x	x	60	63	— 27	— 10	—	—	—	10
	Cherat *	38	3	8	31	17	90	03	2	351	64	8	6	6	0	x	62	42	x	— 29	—	—	—	30
	Kakul *	218	9	8	23	02	98	02	6	422	70	5	4	8	0	0	75	70	—	—	11.0	—	25.9	—
	Landikotal *	000	0	3	23	02	98	01	1	416	74	3	7	6	0	1	65	67	—	—	0.5	—	12.2	—
	Parachinar *	000	0	0	00	00	99	00	0	421	65	0	0	9	0	0	59	61	—	— 5	5.2	—	18.7	20
D. I. Khan	Miranshah *	004	0	2	00	0	98	01	1	388	77	2	4	9	0	0	70	71	—	—	0.2	— 1.7	3.1	40
	Wana *	100	0	0	00	05	98	00	0	539	76	0	0	9	0	0	64	69	—	—	4.0	—	12.3	31
Quetta	Fort Sandeman *	047	0	0	00	03	97	02	9	423	77	0	0	9	0	0	61	73	— 4	— 2	4.1	+ 2.1	8.8	11
	Hindubagh *	000	0	6	27	07	96	00	8	394	70	0	0	9	0	0	63	69	—	—	0.8	—	4.8	—
	Loralai *	000	0	6	20	03	99	01	2	404	78	0	0	9	2	1	66	70	—	—	0.9	—	5.0	9
	Harnai *	000	0	3	00	00	97	03	0	390	81	3	1	9	6	0	66	78	—	—	3.2	+ 0.7	6.2	14
	Quetta *	000	0	0	18	02	96	00	0	400	75	0	0	7	0	0	65	67	—	—	0	— 0.4	6.2	9
	Chaman *	000	0	0	13	07	98	00	0	393	88	0	0	9	0	0	24	74	— 6	— 1	0	— 0.1	1.3	8
	Nushki *	000	0	0	09	02	98	05	4	437	90	0	0	9	0	0	40	81	—	—	0	—	3.4	—
	Dalbandin *	000	9	9	37	08	98	00	8	402	83	0	0	9	0	0	29	79	— 8	— 1	0	0	1.1	4
Kalat	Kalat *	000	0	0	18	03	98	00	0	483	71	0	0	9	0	0	65	60	— 6	— 2	0.1	— 0.5	2.1	7
	Panjgur *	000	0	0	00	00	96	03	0	414	77	0	0	9	0	0	70	76	— 2	0	0.0	—	1.3	8
Afghanistan	Kabul *																							
	Kandhar *																							12

† Given in Code.
* These stations report as PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 as RRR see the summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 22nd JULY, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$YQL_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_wT_wT_w$	$H_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Kualalumpur	73 092	686 00	7 27 09	99 0 22	098 82	31 8 07	44 x xx	—	00 0 78	12 7 22
Isidora	73 267	530 04	2 30 04	98 0 20	999 90	00 8 04	38 2 02	—	05 1 05	12 0 20
Sadhana	73 252	603 08	7 99 02	98 0 22	998 86	72 6 xx	28 2 03	—	00 0 79	11 6 62
Caltex Rotterdam	73 108	627 06	8 22 17	97 0 31	011 78	41 4 07	—	—	00 5 71	12 2 23
Arcona	73 164	545 08	8 23 18	98 0 22	038 79	13 5 07	54 0 00	—	00 2 87	12 3 22
Caltex Madrid	73 161	536 06	0 10 13	97 0 18	011 79	55 7 13	—	—	00 2 76	10 9 31
British Sailor	73 197	587 06	1 22 13	96 0 20	013 78	00 9 00	16 4 08	—	00 4 74	12 2 22
Ariana	73 158	534 12	8 33 15	97 0 28	008 77	00 9 07	54 7 15	—	05 0 76	12 3 22
British Sailor	73 213	596 42	0 30 18	96 0 12	981 79	00 9 00	16 6 10	—	00 3 28	12 0 22
Sadamaru Jmu?	73 205	537 13	8 25 24	96 0 22	000 82	57 3 2x	74 7 30	—	00 9 98	13 5 33
Isidora	73 264	545 13	0 18 02	99 0 20	960 93	00 9 00	25 7 20	—	00 0 84	11 8 20
Sirdhana	73 240	635 18	6 17 05	99 0 22	990 84	6x 2 xx	25 2 20	—	05 3 77	11 7 xx
[illegible]	73 05C	589 30	1 23 12	98 0 10	100 81	11 4 00	66 2 11	—	08 8 74	12 2 21
Kualalumpur	73 099	655 18	4 23 18	98 0 12	101 82	43 4 xx	64 x xx	—	00 2 76	12 3 23
Sirhmaru?	73 212	623 19	6 23 24	96 0 22	010 xx	55 3 0x	74 3 10	—	00 0 78	12 4 08
[illegible]	73 284	568 18	0 00 00	98 0 10	997 91	00 9 00	30 2 08	—	00 0 00	10 8 x0
Darasa?	73 246	763 18	5 23 18	97 0 22	206 84	33 6 xx	75 3 28	—	00 1 39	12 7 43

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $PPPTTTT_dT_dT_d$	1000 mb $HHHTTTT_dT_dT_d$	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	—	—	—	138 212 190	—	307 148 128	—	—	—	—	—	—	—
Jiwani														
Karachi	00 00	996 272 243	—	—	140 142 128	—	307 125 128	434 015 115	578 565 995	752 685 992	966 780	247 578	411 126	675 211
Lahore	00 00	974 278 242	—	—	143 228 202	—	314 142 113	440 095 025	590 015 985	767 552 998	989 640	—	—	—
Multan														
Peshawar	00 00	959 232 175	—	—	110 022 918	—	3 [illegible] 40950	430 100 990	583 045 990	762 518 992	987 800	—	—	—
Quetta														

STATION	Time of ascent in G.M.T.	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	900 242 225	800 010 712	—	—	—	—	—	—	—	800 018 712	—	—
Jiwani													
Karachi	00 00	900 205 185		—	—	—	—	—	—	—	900 205 185	—	—
Lahore	00 00	900 252 232	800 208 163	—	—	—	—	—	—	—	800 208 162	—	—
Multan													
Peshawar	00 00	900 208 099	800 170 990	—	—	—	—	—	—	—	800 170 990		
Quetta													

PPP—Pressure in hundreds tens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

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

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	—				—	—	—	—	—
Chaklala	—	04 10	18 19	13 20	—	—	—	—	—
Chhor	22 10	22 13	18 12	14 07	16 04	01 09	25 08	26 18	27 13
Chittagong	16 23	18 25	18 32	—	—	—	—	—	—
Cox's Bazar						—	—	—	—
Dacca	15 17	15 21	15 22	15 21	14 17	14 19	—	—	—
Dalbandin	—		25 21	22 11	24 10	33 07	—	—	—
D. I. Khan		—	—	—	—	—	—	—	—
Dejah	No	Ascent	—	—	—	—	—	—	—
Fort Sandeman			—	06 04	02 04	16 04	—	—	—
Jacobabad	14 07	16 07	16 07	15 04	21 05	29 04	—	—	—
Jessore	12 16	14 19	16 20	—	—	—	—	—	—
Jhelum	11 10	12 18	13 21	14 23	14 34	—	—	—	—
Jiwani	18 12	13 04	23 03	35 08	36 13	31 12	30 11	29 25	28 27
Karachi	24 20	24 14	26 15				—	—	—
Khanpur	26 04	23 03	06 02	15 03	20 13	27 15	26 10	—	—
Lahore	19 09	19 13	19 12	18 12		—	—	—	—
Multan	22 08	22 09	23 05	26 06	31 08	—	—	—	—
Muscat	—	—	—	—		—	—	—	—
Panjgur	—	—	—	33 14	34 04	30 04	24 13	—	—
Peshawar	—	—	—	—		—	—	—	—
Quetta	—	—	—	—	33 09	25 06	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—
Sylhet	34 31	—	—	—	—	—	—	—	—
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 22	—	—	—	—	—
Chaklala		—	—	—	—	—
Chhor	23 21	24 23	34 21	20 12	23 04	32 09
Chittagong	17 25	17 28	18 31	—	—	—
Cox's Bazar	19 25	19 26	19 24	—	—	—
Dacca	17 19	17 21	17 19	17 21	17 19	—
Dalbandin	—	—	28 10	28 14	25 12	28 19
D. I. Khan	—	—	—	—	—	—
Dejah	No	Ascent	—	—	—	—
Fort Sandeman	—	—	—	23 04	22 10	27 14
Jacobabad	14 17	18 08	20 05	15 08	20 02	28 19
Jessore	15 19	16 24	16 21	16 18	15 17	16 18
Jhelum	—	—	—	—	—	—
Jiwani	14 05	—	—	—	—	—
Karachi	—	—	—	—	—	—
Khanpur	22 12	22 15	23 15	25 05	33 08	34 04
Lahore	17 04	21 03	23 03	26 09	29 03	29 16
Multan	36 03	27 03	01 02	22 06	27 12	22 02
Muscat	—	—	—	—	—	—
Panjgur	—	—	—	27 12	30 08	26 03
Peshawar	—	—	—	—	—	—
Quetta	—	—	—	—	26 06	19 05
Sharjah	—	—	—	—	—	—
Sylhet	11 10	14 13	15 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	[illegible]
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra	13 17	13 20	15 20	35 21	15 20	15 23	—	—	—	—	—
Chaklala		26 03	12 13	11 22		—	—	—	—	—	—
Chhor	23 21	23 16	—	—	—	—	—	—	—	—	—
Chittagong	—	—	—	—	—	—	—	—	—	—	—
Cox's Bazar	—	—	—	—	—	—	—	—	—	—	—
Dacca	14 15	15 19	15 26	16 23	16 27	—	—	—	—	—	—
Dalbandin	—	—	24 08	27 08	38 12	27 14	25 18	33 11	20 19	23 24	21 [illegible]
D. I. Khan	—	—	—	—	—	—	—	—	—	—	—
Dejah	—	—	—	—	No	Ascent	—	—	—	—	—
Fort Sandeman	—	—	—	35 09	21 04	24 11	—	—	—	—	—
Jacobabad	13 05	07 08	16 05	36 04	22 08	34 08	32 16	22 08	22 14	22 19	18 [illegible]
Jessore	—	—	—	—	—	—	—	—	—	—	—
Jhelum	11 01	08 02	13 07	13 10	13 11	15 07	17 08	30 15	18 18	—	—
Jiwani	15 06	14 09	11 03	—		—	—	—	—	—	—
Karachi	26 14	27 13	28 08	—		—	—	—	—	—	—
Khanpur	24 02	29 04	29 10	31 06	22 06	24 09	26 15	28 23	—	—	—
Lahore	33 02	21 03	19 03	26 07	28 13	29 14	—	—	—	—	—
Multan	02 06	01 05	24 03	26 06	28 08	27 08	—	—	—	—	—
Muscat	—	—	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	—	—	—	—	—	—	—	—
Peshawar	—	09 08	05 05	01 15	35 12	01 11	—	—	—	—	—
Quetta	—	—	—	—	19 08	25 09	25 17	36 22	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—
Sylhet	14 04	17 07	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	18.3	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 1	18 18	18 19	17 19	17 17	12 13											—	—
Karachi	27 20	27 32	27 21	28 14	28 08	04 04	07 04	05 08	30 16	27 18	41 05	16 21	16 37	14 38	15 52	16 56	—	—
Peshawar	—	21 06	02 12	29 11	29 09	38 07	31 13	33 17	35 22	31 17	22 27	28 35	27 20	87 52	—	—	—	
Quetta																		

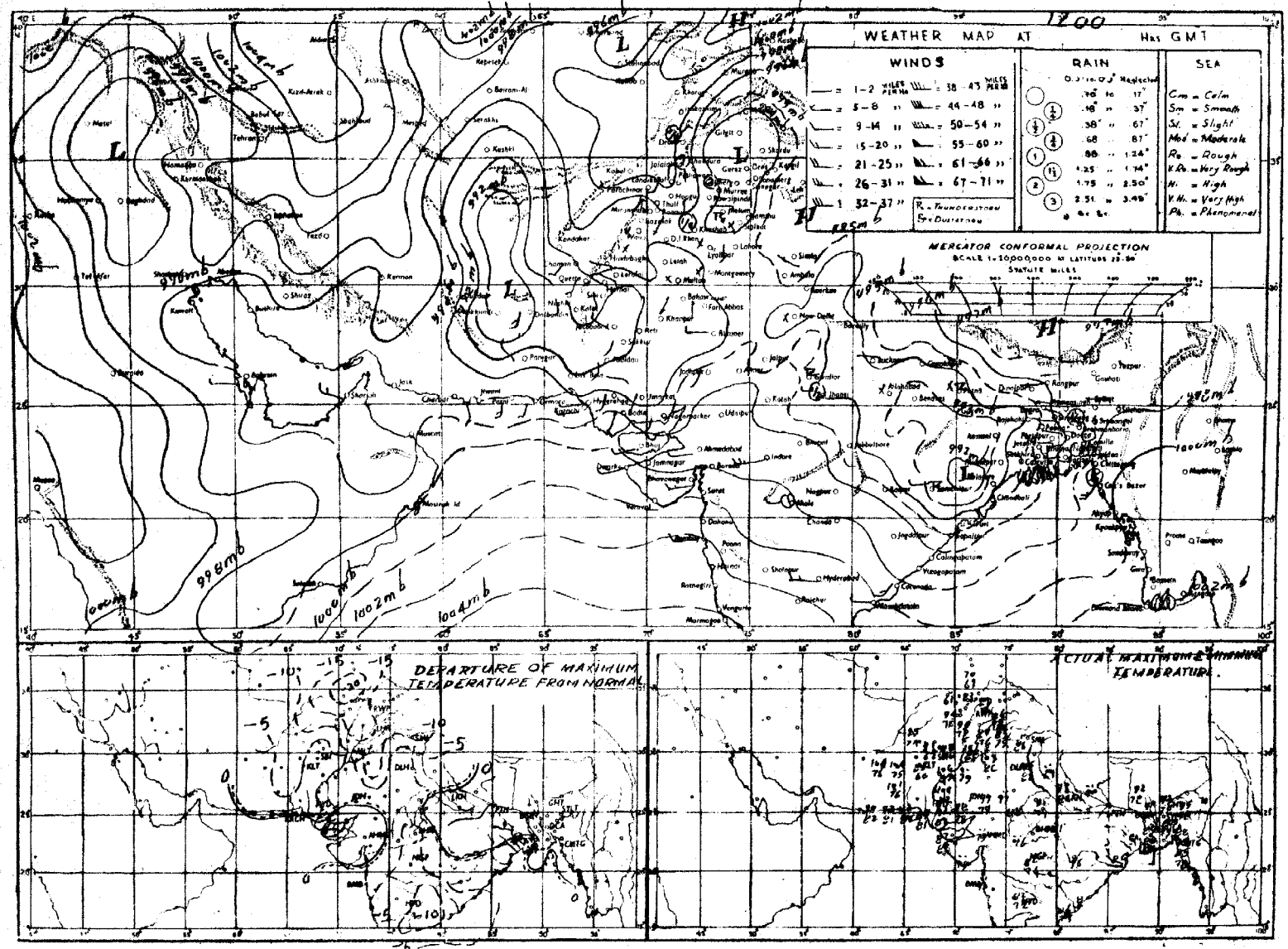
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

07 630 30 305

PAKISTAN DAILY WEATHER MAP

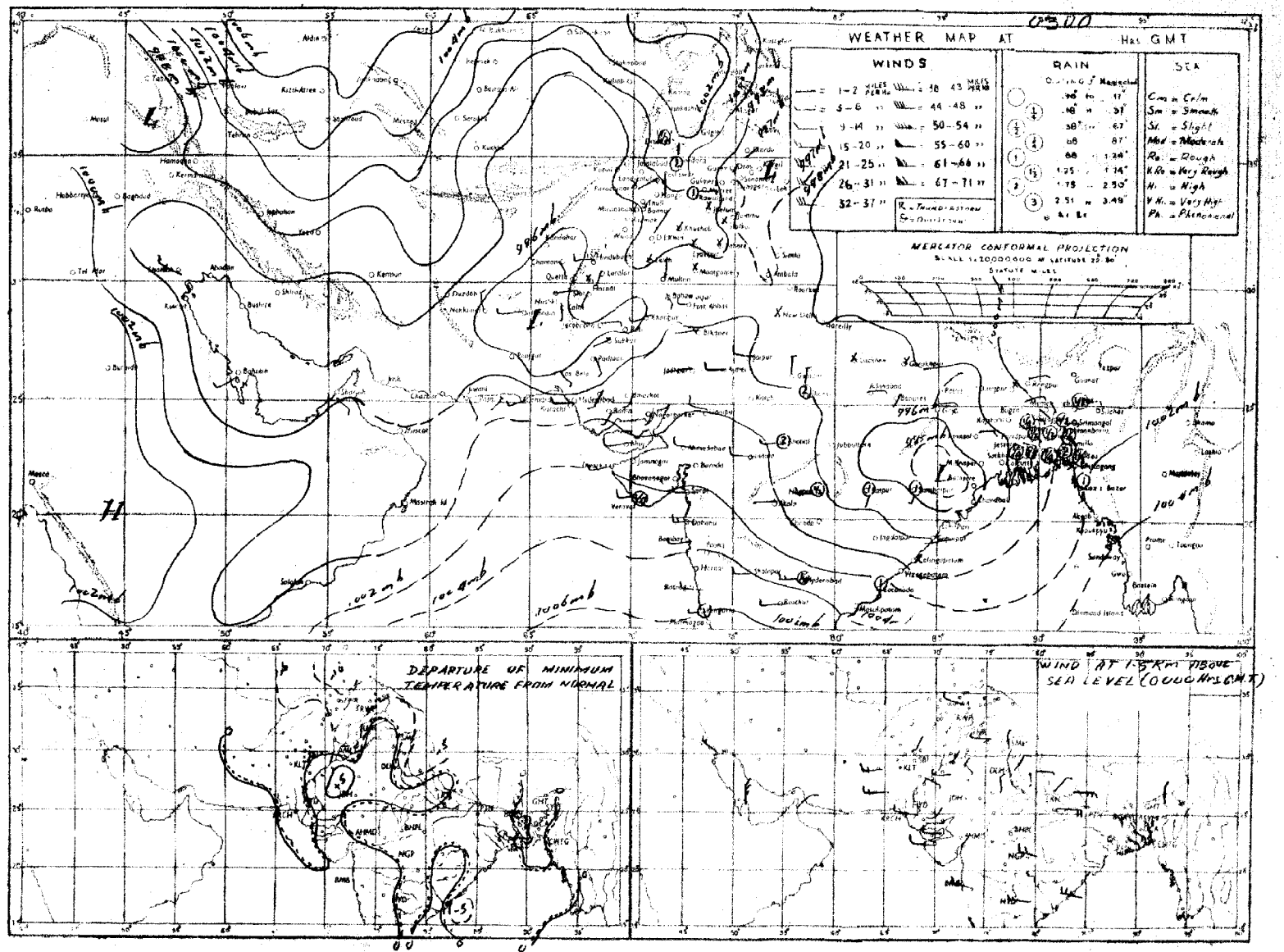
SATURDAY 21st JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 22nd JULY, 1962



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

Monthly Subscription

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

Reg. No. S-1457
Volume No. 16

MONDAY THE 23rd JULY, 1962.

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

The well marked low over Orissa and Chota Nagpur moved northwestwards and now lies over Vindhya Pradesh and adjoining areas.
Monsoon is strengthening over East Pakistan.
Rainfall has been widespread in Khulna and Rajshahi divisions and fairly widespread in Chittagong and Dacca divisions.
Yesterday's low pressure wave over Russian Turkistan has moved further eastwards with its trough now extending to Peshawar and D. I. Khan divisions.
Scattered rain has been reported from Rawalpindi, Peshawar, D. I. Khan, Quetta and Khairpur divisions.
Chief amounts of rainfall are :—Cox's Bazar 2" ; Maijdee Court 1½" ; Comilla 3/4" ; Chittagong, Narayanganj, Dacca, Faridpur, Barisal, Satkhira, Sirajganj, Bogra and Kashmore 1/2" each and Rangamati, Brahmanbaria, Sylhet, Rangpur and Campbellpur 1/4" each.
Day temperatures were 5—10 °F (3—6 °C) below normal in Rawalpindi, Multan, Sargodha and Peshawar divisions and 3—6 °F (2—3 °C) so in Lahore, D.I. Khan and Quetta divisions.
Forecast valid until the evening of 24th July, 1962 :—Widespread rain will fall in East Pakistan. Scattered rain/thundershowers are also likely to occur in Rawalpindi, Multan, Peshawar, D. I. Khan and Quetta divisions.

Karachi-11
The 23rd July, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	—	010	7	6	18	09	97	05	6	010	79	4	8	6	1	6	75	88
	Cox's Bazar	—	076	4	8	23	13	96	61	6	997	76	8	9	5	3	x	78	86
	Chittagong	—	016	7	7	13	18	97	03	6	988	79	6	6	5	2	0	76	86
	Maijdee Court	—	029	8	8	18	13	96	57	6	979	82	6	6	5	3	0	79	84
	Comilla	—	023	3	6	18	09	96	83	6	961	82	8	1	3	x	x	78	89
	Brahmanbaria	—	017	6	6	18	07	97	03	6	984	84	x	5	5	0	0	78	88
	Sylhet	—	010	3	7	00	00	96	21	6	983	82	6	5	6	0	0	79	90
	Srimangal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dacca	Mymensingh	—	000	8	4	13	02	97	02	1	979	86	2	2	4	0	4	77	88
	Narayanganj	—	006	3	7	13	07	96	03	0	978	85	4	4	2	0	8	79	87
	Dacca (Tezgaon)	—	015	2	7	13	00	97	02	6	983	85	8	8	4	3	0	79	87
	Faridpur	—	...	—	—	...	...	—	—	—	...	...	—	—	—	—	...	—	...
Khulna	Barisal	—	010	6	6	27	05	97	03	6	964	85	4	7	6	4	0	78	88
	Khulna	—	014	3	5	13	03	97	01	6	959	84	5	8	6	0	0	81	88
	Satkhira	—	063	2	5	00	00	97	03	6	965	83	2	4	6	2	0	80	90
	Jessore	—	005	3	4	18	02	97	02	6	957	83	4	4	6	8	0	79	92
Rajshahi	Pabna	—	005	6	3	13	13	99	01	8	952	84	1	5	7	0	1	78	91
	Sirajganj	—	000	0	4	13	03	98	01	1	961	87	4	x	5	0	0	80	88
	Bogra	—	018	7	7	13	03	96	21	6	961	86	5	4	5	2	x	77	89
	Dinajpur	—	012	6	5	09	02	96	01	6	960	87	2	0	9	4	9	79	90
	Rangpur	—	005	2	5	13	02	96	01	6	xxx	88	3	5	6	2	0	79	90
Kashmir	Jammu	—																	
Lahore	Lahore (Jail Rd.)	—	000	0	6	00	00	95	05	1	947	95	4	4	6	1	0	77	95
	Sialkot	—	000	0	0	00	00	98	00	0	935	94	0	0	9	0	0	77	95
Rawalpindi	Jhelum	—	000	0	2	18	03	98	02	1	941	93	2	1	7	0	0	79	93
	Rawalpindi	—	000	0	2	27	03	97	00	0	952	88	2	1	8	0	0	75	88
	Campbellpur	—	020	8	1	31	03	98	01	2	953	86	1	1	8	0	0	74	86
Sargodha	Khushab	—	009	x	3	xx	xx	98	90	0	946	94	0	0	9	0	0	83	94
	Lyallpur	—	000	0	4	00	00	97	02	2	945	91	4	0	9	3	0	81	91
Multan	Montgomery	—	000	0	0	00	00	96	02	0	942	97	0	0	9	0	0	77	98
	Multan	—	000	0	2	00	00	97	01	0	938	02	1	1	6	0	1	70	04
	Leiah	—	000	0	4	13	02	97	01	0	957	99	0	0	9	0	0	83	02
Bahawalpur	Khanpur	—	000	0	3	23	02	96	03	0	937	02	1	2	6	0	1	73	03
	Bahawalpur	—	000	0	2	31	02	97	00	0	xxx	01	1	1	8	0	0	77	03
	Fort Abbas	—	000	0	2	13	02	98	00	0	954	05	0	0	9	0	2	77	05
Peshawar	Chakdara	—	000	0	0	36	02	97	00	0	959	03	0	0	9	0	0	70	84
	Peshawar	—	000	0	1	36	00	99	01	1	988	01	1	1	6	0	0	74	92
	Haripur	—	000	0	0	23	01	97	00	1	946	89	0	0	9	0	0	75	89
D. I. Khan	Bannu	—	000	0	0	00	00	99	00	0	937	97	0	0	9	0	0	66	99
	D. I. Khan	—	000	0	0	00	00	98	00	0	945	97	0	0	9	0	0	72	98
Quetta	Sibi	—	000	0	3	23	02	98	09	1	936	05	0	0	9	3	1	70	07
Kalat	Nokkundi	—	000	0	0	27	02	98	02	0	912	05	0	0	9	0	0	76	07
	Turbat	—	000	0	0	23	07	98	00	1	930	05	0	0	9	0	0	xx	xx
	Jiwani	—	000	0	0	18	14	97	01	1	969	88	0	0	9	0	0	77	90
	Pasni	—	000	0	2	20	14	96	01	2	969	88	0	0	9	0	2	78	92
Karachi Division	Ormara	—	000	0	1	25	09	95	03	1	966	89	1	1	6	0	0	18	93
	Lasbela	—	000	0	3	00	00	97	03	0	922	00	3	0	8	3	0	84	05
	Karachi (Manora)	—	000	0	6	25	12	96	03	2	974	86	6	6	4	0	0	77	89
	Karachi (Airport)	—	000	0	2	25	10	96	01	1	971	88	2	5	6	0	0	71	91
Hyderabad	Nagarparkar	—	000	0	0	23	04	97	00	0	947	98	0	0	8	0	0	73	96
	Umerkot	—	000	0	0	23	03	98	02	0	950	99	5	5	7	0	8	76	00
	Hyderabad	—	000	0	2	20	09	97	03	0	951	97	0	0	9	0	1	73	00
	Badin	—	000	0	0	23	02	97	00	0	991	96	0	0	9	0	0	70	00
Khairpur	Padidan	—	000	0	0	00	00	98	02	0	935	05	0	0	9	0	0	68	05
	Nawabshah	—	000	0	0	13	02	96	02	0	948	04	0	0	9	0	0	67	07
	Sukkur	—	003	5	4	34	02	97	03	1	931	05	0	0	9	0	4	74	05
	Kashmore	—	000	0	6	00	00	99	02	0	945	xx	6	1	4	0	0	82	xx
	Jacobabad	—	000	0	0	13	03	96	02	0	934	05	0	0	9	0	0	79	06
Junagadh	Veraval	—																	
Afghanistan	Jalalabad	—																	
Arabia	Muscat	—																	
	Kuwait	—																	
	HILL STATIONS																		
Kashmir	Srinagar	* —																	
	Gulmarg	** —																	
	Sonamarg	** —																	
	Dras	** —																	
	Leh	** —																	
	Skardu	* —	000	0	7	00	00	97	02	2	337	75	5	5	6	3	0	54	77
	Misgar	** —	000	0	1	09	03	98	01	0	054	75	1	1	9	0	0	43	77
	Aliabad	* —																	
	Gilgit	* —	000	0	6	00	00	98	01	1	480	77	6	5	8	0	0	51	79
Rawalpindi	Murree	* —	006	9	7	00	13	96	02	6	403	70	7	5	2	0	0	66	71
Peshawar	Drosh	* —	018	0	0	00	00	96	01	6	448	69	7	0	0	0	0	62	70
	Cherat	* —	000	0	0	05	13	98	00	3	363	74	0	0	9	0	0	69	76
	Kakul	* —	000	4	5	18	05	97	02	2	405	79	5	2	5	0	0	71	84
	Landikotal	* —	000	0	1	23	02	99	01	0	407	87	1	1	7	0	0	66	87
	Parachinar	* —	016	2	5	00	00	99	03	6	418	78	5	1	9	1	0	53	81
D. I. Khan	Miranshah	* —	000	0	6	05	05	98	03	2	398	88	6	4	8	0	0	81	90
	Wana	* —	000	0	4	00	00	99	01	2	505	86	4	0	9	2	0	67	89
Quetta	Fort Sandeman	* —	000	0	7	00	00	96	03	1	403	91	6	5	6	x	x	49	94
	Hindubagh	* —	000	0	8	25	09	96	00	0	364	83	0	0	8	0	0	32	90
	Loralai	* —	017	1	8	29	05	97	02	2	401	72	0	4	7	2	1	71	90
	Harnai	* —	000	0	7	31	05	97	25	0	373	79	7	3	5	0	0	63	98
	Quetta	* —	000	9	4	21	02	98	03	1	384	90	0	0	9	0	0	60	92
	Chaman	* —	000	0	0	37	07	98	00	0	383	94	0	0	9	0	0	18	95
	Nushki	* —	000	0	0	27	09	98	02	0	417	00	0	0	9	0	0	67	03
	Dalbandin	* —	000	0	0	20	09	96	02	0	407	02	0	0	9	0	0	32	04
Kalat	Kalat	* —	000	0	5	21	03	97	00	2	391	84	3	0	8	3	1	72	88
	Panjgur	* —	000	0	1	31	03	97	03	0	397	00	3	5	6	0	0	30	45
Afghanistan	Kabul	* —																	
	Kandhar	* —																	

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 °F 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 1962 to date (39)	Departure from normal (40)	Since 1st January 1962 to date (41)	Annual Normal (42)
Rangamati	021	6	7	18	13	97	05	6	031	83	5	7	5	2	x	76	74	—	—	—	—	—	—
Cox's Bazar	209	9	8	20	19	97	61	6	025	82	5	5	5	2	x	77	78	+1	+2				140
Chittagong	045	9	8	16	13	96	62	6	015	79	8	7	5	x	x	77	76	0	—1				100
Maijdee Court	150	9	7	18	05	96	61	6	007	84	4	4	5	2	0	78	76	0	—2				115
Comilla	082	3	8	18	09	97	02	6	987	90	8	4	4	x	x	79	78	+2	—				74
Brahmanbaria	032	0	6	13	09	97	03	1	007	82	4	5	5	0	0	78	78	—	+1				78
Sylhet	019	4	7	18	02	96	20	6	015	84	5	5	5	2	0	79	77	—	—				—
Srimangal	000	0	6	14	06	96	00	0	016	84	5	4	5	0	0	75	78		+2				
Mymensingh	000	0	7	00	00	97	03	1	025	85	7	2	5	0	0	79	79	0	+1	27.7	—1.6	[illegible]	90
Narayanganj	062	9	8	13	05	97	02	2	997	84	8	4	2	x	x	78	78	—1	—1	18.6	—10.7	[illegible]	
Dacca (Tezgaon)	057	9	7	13	08	97	02	6	995	84	6	4	6	9	0	78	70	—	—				91
Faridpur	057	0	7	16	05	97	02	6	989	85	5	5	5	1	0	79	78		—1				74
Barisal	055	9	8	09	10	97	02	6	995	82	0	0	9	6	0	78	79	+1	0	29.5	—6.5	[illegible]	71
Khulna	014	0	5	00	03	97	1	2	986	87	5	5	7	0	0	80	80	0	+2	19.2	—4.1	[illegible]	81
Satkhira	063	9	6	00	00	97	00	6	987	86	2	4	6	2	0	xx	81	+2	+3	19.3	—3.1	[illegible]	88
Jessore	—	...	...	—	...	...	—		...	...	..	...	—	...	..	..	—	—					65
Pabna	015	9	7	13	05	99	03	6	987	86	4	2	7	0	2	81	79	—	—				68
Sirajganj	062	0	4	13	07	97	02	2	996	84	4	2	8	0	0	80	79	0	0	17.9	—2.9	30.7	59
Bogra	043	9	8	13	03	96	61	6	994	85	5	5	5	2	x	79	76	0	—1				64
Dinajpur	012	9	6	00	00	96	02	2	992	81	6	2	7	x	x	90	78	0	—1	13.4	—12.0	30.6	69
Rangpur	035	5	8	13	02	96	50	6	009	88	8	7	6	x	x	79	80	0	+1	25.5	—4.9	47.7	72
Jammu																							84
Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	936	90	0	0	9	0	0	83	83	—4	+4	6.4	+0.8	12.8	—
Sialkot	000	0	0	00	00	97	00	0	979	90	0	0	9	0	0	77	83	—2	+4	4.9	—3.6	[illegible]	19
Jhelum	000	0	0	00	00	97	02	0	970	88	0	0	9	0	0	78	79	—	—	8.3	—	[illegible]	30
Rawalpindi	000	0	5	03	00	97	03	2	975	86	5	5	6	0	0	77	73	—9	—	6.8	—1.1	[illegible]	
Campbellpur	020	0	1	00	00	98	01	1	972	84	0	0	8	1	1	75	71	—	—4	4.2	—	[illegible]	36
Khushab	009	0	0	00	00	99	00	0	977	88	0	0	9	0	0	80	82	—8	0	—	—	[illegible]	—
Lyallpur	000	0	0	00	02	96	00	0	967	86	0	0	9	0	0	78	79	—10	—3	3.1	—0.3	[illegible]	13
Montgomery	000	0	0	00	00	96	02	0	975	88	0	0	9	0	0	78	83	—5	—2	5.6	+3.8	8.1	12
Multan	000	0	6	00	00	96	03	1	965	91	4	5	6	3	0	74	86	+2	+1	0.3	—1.4	3.0	18
Leiah	000	0	0	05	03	97	00	0	958	91	0	0	9	0	0	73	80	—	—	—	—	—	—
Khanpur	000	0	7	23	03	95	05	1	966	87	5	0	9	3	2	75	85	—1	+2	3.3	+1.5	4.3	4
Bahawalpur	000	0	5	18	01	97	00	0	962	91	5	0	9	2	0	78	82	+1	—1	2.4	—0.6	2.1	4
Fort Abbas	000	0	0	18	02	98	00	0	971	87	0	0	9	0	0	79	84	—	—	0.1	—	0.4	4
Chakdara	000	0	0	36	01	97	00	0	964	76	0	0	9	0	0	70	66	—	—	3.0	—	12.2	8
Peshawar	000	0	0	36	02	98	02	0	978	86	0	0	9	0	0	75	80	—9	—	0.2	—1.0	6.8	—
Haripur	000	3	5	36	01	97	03	2	973	83	5	0	9	3	0	73	73	—	0	9.8	—	16.8	11
Bannu	000	0	0	03	00	99	00	0	965	91	0	0	9	0	0	86	82	—	—	0.6	—	3.6	—
D. I. Khan	000	0	0	00	00	98	00	0	970	86	0	0	9	0	0	77	82	—	—1	0.6	—1.6	3.3	11
Sibi	000	0	0	13	02	96	05	0	961	92	0	0	9	0	0	75	83	—	—	2.6	—	3.7	9
Nokkundi	000	0	0	34	13	97	02	0	963	91	0	0	9	0	0	27	80	—	—	0	—	0.1	5
Turbat	000	0	0	32	02	96	05	0	008	00	0	0	9	0	0	xx	xx	—	—	1.8	—	4.6	2
Jiwani	000	0	5	18	05	97	03	2	006	84	5	4	4	0	0	75	81	—	—	1.2	—	1.9	—
Pasni	003	3	8	25	07	96	03	2	008	83	8	4	7	0	0	77	80	+2	+2	0	—0.6	0.2	5
Ormara	000	0	7	27	07	94	03	1	003	85	7	1	6	0	0	78	82	—	—	1.0	+0.4	2.8	4
Lasbela	000	0	3	20	12	97	03	0	961	86	3	0	8	3	0	82	63	—	—	0	—	0	6
Karachi (Manora)	000	0	5	27	12	96	08	2	002	83	5	6	4	0	0	79	81	+3	0	3.0	+0.1	3.0	8
Karachi (Airport)	003	0	5	27	07	96	03	1	003	84	5	6	5	0	0	75	82	—	—	3.2	—	3.3	8
Nagarparkar	000	0	8	31	02	97	00	0	984	83	8	0	7	6	0	74	83	—	—	4.0	—	4.8	—
Umerkot	000	0	8	20	05	97	02	0	987	83	0	0	8	0	8	75	83	—	—	3.3	—	3.4	—
Hyderabad	000	0	0	23	10	97	02	0	986	85	0	0	9	0	0	75	82	+2	+1	2.4	—0.3	3.2	7
Badin	000	0	0	23	02	97	00	0	000	84	0	0	9	0	0	75	83	+7	—1	2.3	—1.4	2.9	9
Padidan	000	0	0	13	07	98	02	0	971	85	0	0	9	0	0	76	82	—	—	2.0	—	2.6	—
Nawabshah	000	0	0	13	03	94	02	0	984	85	0	0	9	0	0	76	82	—	—	2.4	—	2.8	—
Sukkur	000	9	0	20	02	97	02	3	974	87	0	0	9	0	0	77	83	—	—	0.9	—	0.9	4
Kashmore	046	9	0	00	00	99	00	3	955	93	0	0	9	0	0	77	78	—	—	0.5	—	0.5	—
Jacobabad	000	0	0	18	05	96	02	0	969	92	0	0	9	0	0	84	87	—1	+3	0.1	—0.8	1.0	4
Veraval																							20
Jalalabad																							
Muscat																							4
Kuwait																							5
Srinagar																							36
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu	000	0	1	00	00	96	02	0	369	70	1	1	6	0	0	55	59	—					6
Misgar	000	0	1	31	02	98	01	0	080	58	0	0	9	4	0	56	52	—	—				—
Aliabad																							—
Gilgit	007	0	0	00	00	99	00	0	460	47	0	0	9	0	0	51	63	—	—				
Murree	009	6	7	00	00	95	02	6	423	65	7	5	2	0	0	64	60	—2	+2				8
Drosh	016	0	0	00	00	99	02	0	456	70	0	0	9	0	0	62	63	—27	—10	—	—	—	60
Cherat	000	0	0	05	05	98	03	0	352	73	0	0	9	0	0	71	47	—13	—	—	—	—	18
Kakul	000	9	5	13	02	97	03	1	424	76	5	4	6	0	0	69	69	—	—	11.0	—	25.9	29
Landikotal	000	0	0	00	00	99	00	0	410	81	0	3	9	0	3	65	72	—	—	0.5	—	12.2	—
Parachinar	016	0	7	00	00	99	00	0	408	69	2	0	9	1	0	55	64	—5	—2	5.3	—	18.9	—
Miranshah	000	0	0	00	00	99	00	0	412	83	0	0	9	0	0	70	75	—	—	0.2	—1.8	2.1	29
Wana	000	0	0	00	00	98	00	0	505	73	0	0	9	0	0	61	68	—	—	4.1	—	12.4	
Fort Sandeman	003	0	0	00	00	97	02	1	430	79	0	0	9	0	0	60	72	—3	—2	4.1	+2.0	8.8	13
Hindubagh	000	0	0	27	03	97	00	0	394	70	0	0	9	0	0	43	60	—	—	0.8	—	4.6	11
Loralai	017	0	5	00	00	99	01	1	412	72	0	0	9	1	2	67	61	—	—	1.1	—	5.2	48
Harnai	000	0	0	00	00	97	00	0	399	83	0	0	9	0	0	62	77	—	—	3.2	+0.6	6.1	—
Quetta	000	0	0	00	00	96	03	0	430	74	0	0	9	0	0	59	65	—	—	0	—0.5	4.2	9
Chaman	000	0	0	09	05	98	00	0	405	83	0	0	9	0	0	18	70	—6	—5	0	—0.1	1.3	14
Nushki	000	0	0	09	05	98	02	0	435	87	0	0	9	0	0	30	80	—	—	0	—	1.6	9
Dalbandin	000	0	0	00	00	97	02	0	415	81	0	0	9	0	0	28	71	—5	—5	0	0	1.1	8
Kalat	000	0	0	18	03	98	00	0	430	72	0	0	9	0	0	65	59	—3	—3	0.1	—0.5	2.1	4
Panjgur	000	0	1	00	00	96	03	0	426	79	1	0	9	3	0	69	74	—	0	0.3	—	3.3	7
Kabul																							5
Kandhar																							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 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 23rd JULY, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN				$YQL_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	$8N_sC_hh_sh_s$	$0T_sT_sT_sT_s$	$I_wd_wP_wH_w$
1				2	3	4	5	6	7	8	9	10	11
ARABIAN SEA													
Kualalumpur	—	—	—	13 102	646 00	8 22 18	98 0 22	801 84	31 4 07	64 xxx	—	00 0 78	12 3 23
Wakatakemaru	—	—	—	13 094	655 00	4 12 11	98 0 21	080 80	48 5 1x	66 7 15	—	05 3 75	
Sakomaru	—	—	—	13 220	618 00	8 23 20	96 0 22	990 79	35 3 2x	74 2 20	—	05 4 77	12 3 23
Arizonamaru	—	—	—	13 102	647 00	4 11 23	97 0 30	072 xx	24 6 40	27 7 04	—	00 2 79	
Mustafa	—	—	—	14 584	323 00	0 23 34	99 0 00	007 81	08 0 00	25 6 07	—	05 1 78	12 5 45
Uganda	—	—	—	13 116	514 00	0 19 30	98 0 00	037 74	00 8 00	—	—		
Caltex Rotterdam	—	—	—	13 253	574 06	2 17 03	98 0 21	988 87	31 4 00	—	—	05 1 85	11 7 23
Tsuhomaru	—	—	—	13 206	641 06	6 24 26	97 0 23	990 85	56 3 30		—	00 0 72	
Mohammedi	—	—	—	13 175	633 06	4 23 18	98 0 11	045 85	43 5 00	78 4 20	—	00 8 79	12 8 25
Isauda	—	—	—	13 366	534 06	1 24 08	98 0 20	982 85	10 6 80	25 0 00	—	00 0 85	12 4 20
British Duchess	—	—	—	13 193	586 06	5 21 18	96 0 51	xx0 87		25 2 30	—		
Indora	—	—	—	13 245	588 06	0 14 05	98 0 30	990 80	00 9 00	35 3 10	—	00 1 80	11 4 30
Daruma	—	—	—	13 243	633 06	4 23 20	97 0 12	003 86	44 6 1x	75 6 20	—	05 1 72	12 2 43
British Duchess	—	—	—	13 210	590 12	5 21 10	97 0 51	xxx 84	xxx xx	xxx	—		
Isauda	—	—	—	13 263	550 12	1 21 05	98 0 20	960 97	10 6 80	25 6 00	—	00 6 80	12 1 20
Indora	—	—	—	13 232	593 12	5 13 08	98 0 32	980 80	80 7 50	25 4 00	—	00 4 77	11 8 20
Kualalumpur	—	—	—	13 110	613 18	9 23 21	98 0 12	004 81	51 4 00	60 x xx	—	05 3 76	12 5 25
Isauda	—	—	—	13 263	566 18	0 20 06	98 0 16	980 90	00 9 00	32 2 10	—	00 2 86	12 0 20
Tsuhomaru	—	—	—	13 228	618 18	7 20 24	96 0 23	980 79	04 3 30	75 6 10	—	05 1 74	—
British Duchess	—	—	—	13 228	600 18	1 21 10	97 0 30	xxx 75			—		
Bagdo	—	—	—	13 242	590 18	0 14 10	98 0 30	983 86	00 9 00	36 4 00	—	00 1 80	11 4 23

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
		$PPPTTTT_dT_dT_d$	$HHHTTTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	—	—	—	136 162 122	—	303 112 055	431 052 525	578 002 878	755 880 694	974 630	—	—	—
Ishurdi														
Karachi	00 00	996 278 242	513 xxx xxx	—	140 235 202	—	305 118 998	431 028 992	567 348 998	749 620 998	961 770	239 992	423 125	—
Lahore	00 00	973 308 262	523 xxx xxx	—	143 245 202	—	311 162 105	441 102 562	589 030 995	767 590 995	980 675	302 770	—	—
Multan														
Peshawar	00 00	998 282 242	—	—	140 172 995	—	396 018 992	422 570 990	562 665 998	726 782 998	924 962	—	—	—
Quetta														

STATION	Time of ascent in G.M.T.	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		$PPPTTTT_dT_dT_d$									$PPPTTTT_dT_dT_d$	st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	997 278 255	900 218 162	803 145 102	358 622 725	010 380 450	—	—	—	—	010 380 450	—	—
Ishurdi													
Karachi	00 00	900 205 168	800 198 052	—	—	—	—	—	—	—	800 198 052	—	—
Lahore	00 00	900 262 222	800 218 168	—	—	—	—	—	—	—	800 218 168	—	—
Multan													
Peshawar	00 00	900 220 990	800 018 992	—	—	—	—	—	—	—	800 018 992	—	—
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)									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	12 15	23 31	13 23	15 22	15 20	14 24	25 03	19 09	20 15	11 14	31 01	26 01	14 04	05 02	—	14 10	14 10 30 02	14 11 29 01	14 10 29 04	13 11 35 05	16 13 04 03	32 06	—	—	—	—
Chaklala	—	29 10	27 08	10 04	11 17	13 05	17 04	35 03	36 04	22 21	24 25	25 21	29 07	29 08	—	24 13	24 16	33 16	30 04	33 09	—	—	—	—	—	—
Chitral	22 11	32 11	22 09	21 03	34 03	32 09	—	—	—	17 23	18 26	19 26	19 35	20 25	20 20	15 19	—	—	—	—	—	—	—	—	—	—
Chittagong	17 38	18 43	19 37	—	—	—	—	—	—	18 17	—	—	—	—	—	No.	—	Ascent	—	—	—	—	—	—	—	—
Cox's Bazar	No	Ascent	—	—	—	—	—	—	—	16 14	18 19	—	—	—	—	13 16	15 13	—	—	—	—	—	—	—	—	—
Dacca	15 13	15 19	17 21 26 10	24 14	25 10	26 14	34 04	20 07	25 11	—	—	13 01	23 06	23 10	23 13	—	—	27 05	25 11	26 11	27 12	27 16	23 22	22 20	19 27	20 13
Dalbandin	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
D. I. Khan	—	—	—	—	04 01	10 01	—	—	—	—	—	—	22 01	32 03	19 05	—	—	—	—	02 01	01 03	04 11	03 15	36 34	34 33	—
Drosh	—	—	—	08 04	07 04	04 04	—	—	—	—	—	—	22 05	31 04	33 14	—	—	—	20 03	04 05	32 16	34 16	—	—	—	—
Fort Sandeman	—	—	—	22 22	33 06	33 12	30 11	29 09	25 11	19 16	17 07	13 04	25 10	27 04	23 19	18 07	18 06	19 06	19 05	24 07	31 06	33 12	30 12	34 13	34 17	—
Jacobabad	14 07	15 03	18 02	—	—	—	—	—	—	17 15	17 41	17 10	18 11	—	—	14 04	14 09	13 09	17 07	—	—	—	—	—	—	—
Jessore	23 03	30 04	31 05	10 03	10 09	26 13	26 08	25 04	21 04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jhelum	17 12	19 06	11 04	34 07	36 12	34 15	31 15	33 15	30 13	17 06	20 03	28 03	32 14	34 11	03 12	16 10	18 05	34 05	34 06	36 11	33 09	21 04	30 11	26 13	—	—
Jiwani	25 19	28 14	28 08	02 05	03 05	01 03	—	—	—	—	—	—	—	—	—	27 20	27 29	26 17	—	—	—	—	—	—	—	—
Karachi	25 01	20 12	21 04	23 03	23 02	31 06	28 06	18 12	19 13	22 13	23 15	25 17	28 17	27 07	01 08	22 10	24 11	25 08	29 06	33 02	07 04	—	—	—	—	—
Khanpur	28 07	29 06	29 06	31 07	30 11	30 11	04 09	—	—	—	—	—	—	—	—	24 03	27 04	27 03	31 07	30 10	31 11	—	—	—	—	—
Lahore	06 03	02 02	35 02	30 08	33 02	07 02	22 10	18 10	19 10	22 13	22 08	24 06	26 07	33 09	03 05	22 02	20 03	20 04	22 04	04 04	34 05	—	—	—	—	—
Multan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Muscat	—	—	—	29 07	17 04	36 04	23 09	22 28	21 25	—	—	—	24 10	27 09	29 02	—	—	—	34 11	35 10	01 03	18 10	19 05	21 16	18 18	18 2
Panjgur	—	05 07	01 04	33 16	33 13	01 04	30 11	34 08	22 07	—	02 02	01 03	36 04	36 04	32 04	—	07 04	09 04	16 03	24 03	28 05	28 10	32 17	12 18	33 23	31 2
Peshawar	—	—	—	—	31 02	25 04	36 00	—	—	—	—	—	—	32 00	29 05	—	—	—	—	37 02	34 05	24 00	18 14	19 18	19 27	21 2
Quetta	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sylhet	18 09	18 15	18 22	—	—	—	—	—	—	No	Ascent	—	—	—	—	17 02	—	—	—	—	02 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	17 15	17 17	19 15	17 11	17 13	17 13	18 16	17 13	11 12	13 09	09 14							—
Dacca	27 23	27 23	29 26	32 27	32 17	34 12	06 30	12 22	12 16	11 04	10 15	11 16	13 43	15 68	14 48	14 78	13 72	—
Karachi	—	29 03	29 02	03 04	07 04	37 15	37 25	27 33	27 36	—	—	—	—	—	—			—
Peshawar																		
Quetta																		

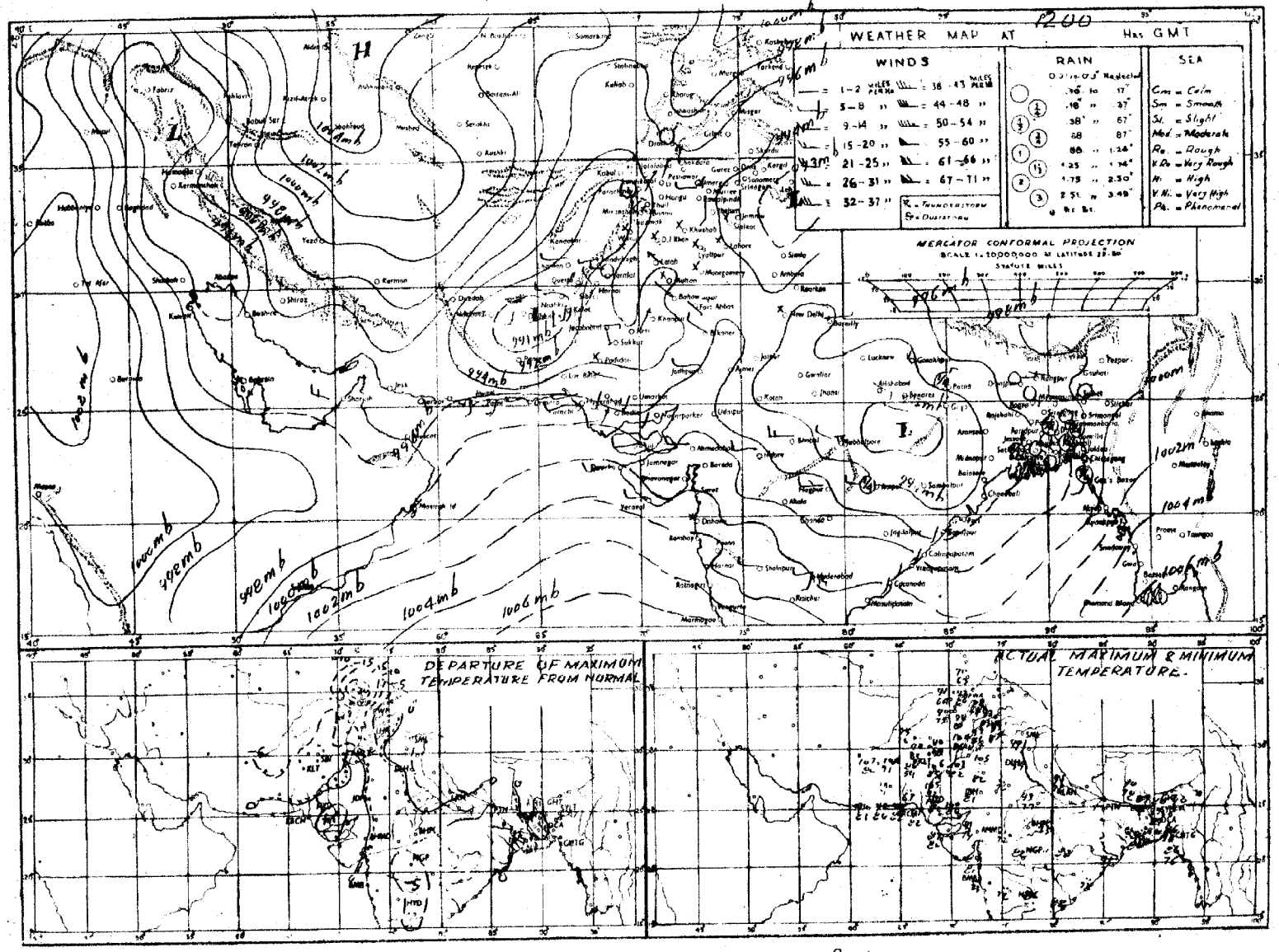
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

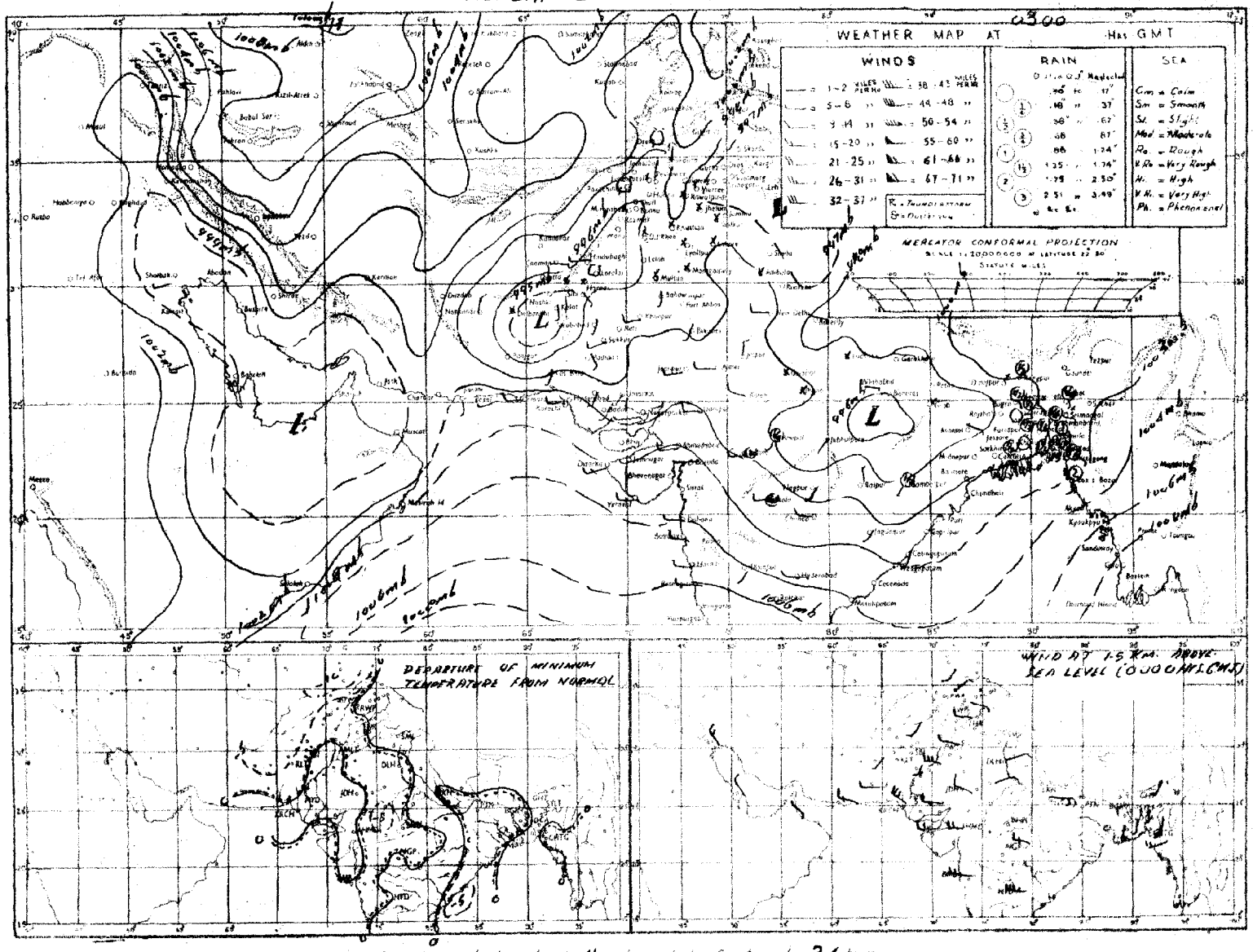
SUNDAY 22nd JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP

MONDAY. 23rd JULY. 1962.



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. 16

TUESDAY THE 24th JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's well marked low has weakened and now lies over Uttar Pradesh.
Incursion of Monsoon has become well marked over East Pakistan.
Rain/thundershowers have been fairly widespread in Chittagong and Dacca divisions; local in Rajshahi division and scattered in Khulna division with locally moderate to heavy falls in Chittagong division.
The low pressure wave over East Russian Turkistan and its associated trough moved away eastwards.
A fresh low pressure wave is moving across north of Afghanistan.
Weather remained dry over West Pakistan.
Chief amounts of rainfall are :—Cox's Bazar and Chittagong 4" each ; Maijdee Court 3" ; Rangamati 1½" ; Dacca 3/4" ; Sirajganj 1/2" and Comilla 1/4".
Day temperatures were generally normal over the country.
Forecast valid until the evening of 25th July, 1962:—Rain/thundershowers will be fairly widespread in East Pakistan, local in Peshawar, Rawalpindi divisions and Kashmir and scattered in Lahore, D.I. Khan, Sargodha and Multan divisions.
Heavy rainfall warning:- Locally moderate to heavy rain will fall in Chittagong and Dacca divisions during next 48 hours.

Karachi-4
The 24th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
for Director, Meteorological Service.

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

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 f (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	—	000	1	7	16	13	96	62	6	011	78	7	7	4	x	x	77	88
	Cox's Bazar	—	156	6	8	23	13	97	51	6	999	82	6	8	4	2	x	78	83
	Chittagong	—	041	8	8	23	18	96	60	6	991	79	8	7	5	x	x	77	81
	Maijdee Court	—	025	9	7	13	05	96	03	6	978	83	3	2	5	2	x	79	87
	Comilla	—	003	9	8	18	05	96	46	6	958	82	8	4	4	x	x	79	84
	Brahmanbaria	—	000	0	5	13	10	97	03	1	975	85	6	5	5	0	0	70	87
	Sylhet	—	003	3	7	16	02	96	02	6	979	85	7	8	5	7	8	80	89
	Srimangal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dacca	Mymensingh	—	000	0	4	13	03	98	02	1	975	87	4	2	2	5	0	79	89
	Narayanganj	—	005	8	3	18	03	96	03	6	967	87	3	4	3	0	0	79	89
	Dacca (Tezgaon)	—	009	8	2	80	00	97	21	6	961	84	1	1	6	7	1	80	E9
	Faridpur	—	012	6	5	76	05	96	01	6	957	87	3	4	6	1	0	80	87
Khulna	Barisal	—	011	4	4	27	02	97	02	6	975	85	4	7	6	x	x	78	89
	Khulna	—	007	2	2	23	05	97	01	2	972	86	6	5	6	0	0	81	90
	Satkhira	—	000	0	3	23	02	97	01	1	979	86	1	1	6	2	0	78	89
	Jessore	—	000	0	6	18	02	97	02	2	964	87	4	4	6	6	0	81	88
Rajshahi	Pabna	—	003	6	7	23	05	98	03	5	957	83	7	3	6	0	0	77	90
	Sirajganj	—	000	0	3	13	02	97	02	1	966	85	3	2	5	3	0	83	90
	Bogra	—	000	9	4	09	02	97	01	6	964	87	4	4	5	0	0	79	91
	Dinajpur	—	000	9	4	00	00	96	02	2	954	89	4	0	9	4	0	79	93
	Rangpur	—	012	4	8	00	00	96	20	5	970	82	8	7	6	x	x	79	85
Kashmir	Jammu	—																	
Lahore	Lahore (Jail Rd.)	—	000	8	5	33	03	96	03	2	937	99	2	2	7	0	6	91	99
	Sialkot	—	000	0	2	00	00	97	03	0	929	96	2	2	6	x	x	77	98
Rawalpindi	Jhelum	—	000	0	3	13	02	99	02	0	933	97	2	1	7	0	1	76	98
	Rawalpindi	—	000	0	2	27	05	98	00	0	939	86	1	1	8	0	0	75	98
	Campbellpur	—	000	0	1	23	03	98	01	1	924	97	0	0	8	1	1	74	97
Sargodha	Khushab	—	000	0	3	13	09	98	92	1	944	99	0	0	9	0	8	83	02
	Lyallpur	—	000	0	5	00	00	97	02	2	934	97	5	0	9	4	0	80	97
Multan	Montgomery	—	000	0	5	00	00	96	03	1	941	98	0	0	9	0	4	77	99
	Multan	—	000	0	3	00	00	97	02	0	933	04	0	0	9	0	1	71	06
	Leiah	—	000	0	0	31	02	97	00	0	953	99	0	0	9	0	0	71	02
Bahawalpur	Khanpur	—	002	0	5	23	03	96	03	2	935	02	2	0	9	3	4	72	05
	Bahawalpur	—	000	0	0	23	01	97	08	0	xxx	01	0	0	9	0	0	83	03
	Fort Abbas	—	000	0	0	27	02	98	00	0	940	95	0	0	9	0	0	78	06
Peshawar	Chakdara	—	000	0	0	18	01	97	00	0	908	94	0	0	9	0	0	75	95
	Peshawar	—	000	0	1	05	05	98	02	0	923	98	1	3	6	0	0	75	00
	Haripur	—	000	0	0	18	01	97	00	0	928	95	0	0	9	0	0	xx	95
D.I. Khan	Bannu	—	000	0	0	07	01	99	00	0	919	02	0	0	9	0	0	68	03
	D.I. Khan	—	000	0	0	05	00	98	00	0	929	04	0	0	9	0	0	74	05
Quetta	Sibi	—	000	0	0	23	02	97	05	0	927	11	0	0	9	0	0	62	12
Kalat	Nokkundi	—	000	0	0	34	05	98	02	0	925	06	0	0	9	0	0	30	08
	Turbat	—	000	0	0	23	03	98	03	1	930	06	0	0	9	0	0	xx	xx
	Jiwani	—	000	4	4	18	09	97	03	1	953	87	4	5	6	0	0	75	88
	Pasni	—	000	8	2	25	17	96	05	1	989	88	0	0	9	0	2	78	92
Karachi Division	Ormara	—	000	0	1	27	12	95	03	1	980	88	1	1	6	0	0	80	92
	Lasbela	—	000	0	3	00	00	97	03	0	936	98	3	0	8	3	0	92	05
	Karachi (Manora)	—	000	0	6	25	14	96	03	2	983	87	0	0	9	0	9	80	90
	Karachi (Airport)	—	000	0	6	25	16	96	07	2	987	87	4	5	3	3	0	75	89
Hyderabad	Nagarparkar	—	000	0	8	31	05	97	00	0	962	93	0	0	7	8	0	71	94
	Umerkot	—	000	0	8	23	04	98	02	0	962	97	5	5	7	0	8	77	99
	Hyderabad	—	000	0	8	23	12	97	03	1	964	94	0	0	9	0	1	73	99
	Badin	—	000	0	0	23	02	97	00	0	989	95	0	0	9	0	0	73	98
Khairpur	Padidan	—	000	0	0	00	00	98	02	0	939	07	0	0	9	0	8	64	07
	Nawabshah	—	000	0	7	18	01	96	03	0	954	05	0	9	9	0	0	68	07
	Sukkur	—	000	5	4	20	02	96	03	1	935	07	0	5	9	0	4	77	07
	Kashmore	—	000	6	0	00	00	99	00	0	923	xx	0	0	9	0	0	82	xx
	Jacobabad	—	000	0	3	13	05	96	03	0	930	09	1	0	9	3	1	93	10
Junagadh	Veraval																		
Afghanistan	Jalalabad	—																	
Arabia	Muscat																		
	Kuwait	—																	
	HILL STATIONS																		
Kashmir	Srinagar	*																	
	Gulmarg	**																	
	Sonamarg	**																	
	Dras	**																	
	Leh	**																	
	Skardu	*	000		4	00	00	97	02	0	372	68	4	0	6	0	0	50	89
	Misgar	**	000	0	1	05	05	98	01	0	042	78	1	1	8	0	0	43	79
	Aliabad	*																	
	Gilgit	*	000	0	4	00	00	98	01	1	410	75	4	5	8	0	0	74	96
Rawalpindi	Murree	*	000	3	7	27	08	97	05	4	406	71	5	1	4	8	0	67	73
Peshawar	Drosh	*	000	0	2	27	07	99	01	0	387	53	2	1	7	0	0	58	54
	Cherat	*	000	0	0	23	09	98	00	0	416	88	0	0	9	0	0	74	90
	Kakul	*	000	8	3	18	09	98	01	1	402	64	3	2	6	0	0	70	86
	Landikotal	*	000	0	1	13	02	98	03	0	390	93	0	0	9	0	9	70	97
	Parachinar	*	000	0	6	13	02	98	03	2	396	83	0	1	8	1	0	58	85
D.I. Khan	Miranshah	*	000	0	0	00	00	99	00	0	416	96	0	0	9	0	0	70	97
	Wana	*	000	0	0	00	00	99	00	0	513	92	0	0	9	0	0	63	93
Quetta	Fort Sandeman	*	000	0	1	00	00	97	02	0	402	98	1	1	7	0	0	36	99
	Hindubagh	*	000	0	0	25	07	97	00	0	373	93	0	0	9	0	0	37	95
	Loralai	*	000	0	6	16	03	99	01	2	389	97	0	0	9	2	1	56	94
	Harnai	*	000	0	0	13	05	97	00	0	356	99	0	0	9	0	0	59	99
	Quetta	*	000	0	1	31	02	96	02	0	399	92	1	1	5	0	0	56	93
	Chaman	*	000	0	0	27	07	98	00	0	397	98	0	0	9	0	0	00	99
	Nushki	*	000	0	0	27	05	98	02	0	417	00	0	0	9	0	0	42	04
	Dalbandin	*	000	0	0	25	07	96	02	0	415	04	0	0	9	0	0	33	07
Kalat	Kalat	*	000	0	1	34	07	97	00	0	386	85	0	0	9	0	0	78	90
	Panjgur	*	000	0	2	31	03	97	07	0	523	02	2	5	2	0	0	20	04
Afghanistan	Kabul	*																	
	Kandhar	*																	

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

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 f (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	125	9	7	18	09	94	60	6	011	79	2	6	4	2	0	77	76	—	—				—
	Cox's Bazar	383	8	8	23	13	97	61	6	007	81	6	7	3	2	x	80	77	— 2	— 1				143
	Chittagong	367	9	8	18	06	95	63	6	997	78	8	7	4	x	x	77	76	— 5	— 1				108
	Maijdee Court	315	2	8	00	00	96	02	6	993	78	0	0	6	2	x	77	76	+ 1	— 2				115
	Comilla	037	5	8	18	05	97	03	6	990	86	8	4	4	x	x	81	78	— 3	+ 1				84
	Brahmanbaria	101	0	3	18	05	97	03	1	958	85	2	5	5	0	8	79	79	—	—				78
	Sylhet	004	9	7	09	05	96	02	6	993	85	6	8	5	7	0	79	80	—	—				
	Srimangal	000	0	7	13	08	94	00	0	994	83	7	0	7	1	0	76	78	—	—				99
Dacca	Mymensingh	000	0	8	13	02	97	02	1	989	82	8	3	4	x	x	79	80	+ 1	+ 2	27.7	— 2.1	32.7	81
	Narayanganj	011	9	8	11	05	97	02	2	979	83	8	7	2	x	x	80	81	+ 1	+ 2	18.7	— 3.7	36.0	74
	Dacca (Tezgaon)	074	5	x	xx	xx	97	61	9	975	83	5	6	4	2	x	81	80	—	—				—
	Faridpur	012	0	8	28	02	97	02	2	975	85	7	5	5	1	0	xx	81	— 1	+ 2				71
Khulna	Barisal	011	4	8	18	02	97	62	5	985	85	8	7	6	x	x	79	81	+ 2	+ 3	20.6	— 7.0	34.0	81
	Khulna	000	0	6	23	03	96	02	2	984	86	6	5	6	0	0	82	82	+ 2	+ 4	19.2	— 4.5	26.9	68
	Satkhira	000	0	7	16	00	96	03	2	985	86	4	4	4	2	0	80	80	+ 1	+ 2	19.3	— 3.5	26.5	65
	Jessore	000	0	6	23	07	96	00	0	977	86	2	3	6	6	0	81	80	—					65
Rajshahi	Pabna	011	9	7	23	02	96	93	9	976	83	7	0	9	9	0	79	81	—	—				59
	Sirajganj	048	x	8	00	01	98	02	2	974	81	8	4	5	0	0	80	78	+ 2	— 1	18.4	— 2.7	31.2	64
	Bogra	006	9	6	31	02	96	02	6	975	84	6	4	5	0	0	81	81	+ 2	+ 2		—	—	69
	Dinajpur	000	9	6	00	00	96	02	2	979	84	6	2	7	x	x	78	78	+ 3	1	13.4	— 12.4	30.6	73
	Rangpur	013	7	7	13	02	96	01	5	0 0	84	7	5	6	0	0	81	79	— 5	0	25.6	— 5.1	47.8	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	9	5	13	02	96	03	1	960	68	0	0	9	0	6	83	85	0	+ 6	6.4	+ 0.7	12.8	19
	Sialkot	000	0	0	08	03	97	00	0	961	87	0	0	9	0	0	79	82	+ 1	+ 3	4.9	— 3.9	11.2	33
Rawalpindi	Jhelum	000	3	4	13	03	97	02	1	919	87	1	5	7	0	6	79	83	—	—	8.3	—	14.4	
	Rawalpindi	000	0	5	13	02	97	00	0	958	90	5	0	9	2	0	77	xx	+ 1	—	6.8	— 1.4	13.4	36
	Campbellpur	000	0	0	00	00	99	00	1	929	89	0	0	9	0	0	78	83	—	—	4.2	—	4.5	—
Sargodha	Khushab	000	0	0	09	02	98	00	0	958	90	0	0	9	0	0	83	84	0	+ 2	—	—	—	45
	Lyallpur	000	0	0	07	02	96	00	0	954	88	0	0	9	0	0	80	87	— 4	+ 5	3.1	— 0.4	6.8	12
Multan	Montgomery	000	0	0	23	03	96	02	0	953	89	0	0	9	0	0	76	85	— 4	+ 2	5.6	+ 2.8	8.1	10
	Multan	000	0	3	8	05	96	07	0	942	91	0	0	9	1	0	77	89	+ 4	+ 4	0.3	— 1.5	2.0	7
	Leiah	000	0	0	31	01	97	00	0	963	93	0	0	9	0	0	75	84	—	—	1.5	—	13.3	8
Bahawalpur	Khanpur	000	0	2	23	05	95	95	0	963	87	0	0	9	0	1	75	84	+ 1	+ 1	3.3	+ 1.4	4.3	6
	Bahawalpur	000	0	5	13	02	97	00	0	956	90	5	0	9	2	0	77	83	+ 1	0	2.4	+ 0.5	3.1	6
	Fort Abbas	000	0	0	23	01	98	00	0	962	93	0	0	9	0	0	77	86	—	—	0.1	—	0.4	8
Peshawar	Chakdara	000	0	0	36	02	99	00	0	964	84	0	0	9	0	0	73	75	—	—	3.0	—	12.2	—
	Peshawar	000	0	0	31	05	97	01	0	955	87	0	0	9	0	0	75	80	— 1	0	0.2	— 1.0	6.8	11
	Haripur	000	3	4	09	02	97	01	1	950	88	4	0	9	0	5	73	79	—	—	9.8	—	16.5	—
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	944	93	0	0	9	0	0	73	86	—	—	0.6	—	3.6	11
	D.I. Khan	000	0	0	05	02	98	00	0	944	90	0	0	9	0	0	80	85	+ 2	+ 2	0.6	— 1.6	3.5	9
Quetta	Sibi	000	0	0	31	02	96	95	0	961	92	0	0	9	0	0	73	89	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	0	0	34	05	97	02	1	974	92	0	0	9	0	0	25	85	—	—	0	—	0.1	2
	Turbat	000	0	0	23	07	95	06	0	961	91	0	0	9	0	0	xx	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	8	23	15	97	02	2	028	83	8	6	4	0	0	74	81	—	—	1.2	—	1.9	5
	Pasni	000	3	6	29	15	97	13	2	017	84	4	2	7	3	0	74	82	+ 2	+ 4	0	— 0.6	0.2	4
Karachi Division	Ormara	000	0	8	27	12	14	03	1	003	84	8	8	6	0	0	80	82	—	—	1.0	+ 0.4	2.0	6
	Lasbela	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	…	—					8
	Karachi (Manora)	000	0	5	37	12	96	03	2	004	81	5	4	4	0	0	75	80	+ 4	— 1	3.0	— 0.1	3.0	8
	Karachi (Airport)	000	0	8	25	12	96	03	2	007	84	3	6	5	3	x	77	82	—	—	3.2	—	3.2	—
Hyderabad	Nagarparkar	000	0	8	27	02	97	00	0	992	83	0	8	7	0	0	73	72	—	—	4.0	—	4.0	—
	Umerkot	000	0	8	23	05	97	02	0	986	84	6	5	7	0	0	74	80	—	—	3.3	—	2.4	—
	Hyderabad	000	0	6	23	14	96	06	2	983	85	2	0	9	3	1	73	82	+ 1	+ 1	2.4	— 0.2	3.2	7
	Badin	000	0	0	23	02	97	00	0	997	84	0	0	9	0	0	75	81	+ 5	0	2.1	— 1.3	2.9	9
Khairpur	Padidan	000	0	2	13	03	98	02	0	943	87	0	0	9	0	1	75	83	—	—	2.0	—	2.6	—
	Nawabshah	000	0	5	18	03	96	01	1	971	88	3	0	9	3	1	74	83	—	—	2.4	—	2.8	—
	Sukkur	000	5	4	20	05	97	03	1	965	87	0	0	9	0	0	75	84	—	—	0.9	—	0.9	4
	Kashmore	000	0		00	00	97	00	0	929	92	0	0	9	0	0	74	80	—	—	0.5	—	0.5	—
	Jacobabad	000	0	0	13	03	96	02	0	960	89	0	0	9	0	2	78	86	+ 3	+ 2	0.1	— 0.9	1.8	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar																							26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					6
	Misgar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					—
	Aliabad																							—
	Gilgit	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					5
Rawalpindi	Murree	000	9	2	27	09	98	01	1	417	68	0	0	9	8	0	63	61	0	+ 3	—	—	—	59
Peshawar	Drosh	000	0	0	00	00	97	02	0	417	78	0	0	9	0	0	64	70	— 3	— 3	—	—	—	18
	Cherat	000	0	0	00	00	98	01	0	362	77	0	0	9	0	0	71	55	+ 1	— 16	—	—	—	29
	Kakul	000	5	2	18	02	97	02	1	416	79	2	4	6	0	0	69	73	—	—	11.0	—	25.9	—
	Landikotal	000	0	0	00	00	98	00	0	406	85	0	0	9	0	0	71	76	—	—	0.5	—	12.2	—
	Parachinar	000	0	0	00	00	99	00	0	423	74	0	0	9	0	0	58	68	— 1	+ 2	5.3	—	18.9	29
D.I. Khan	Miranshah	000	0	0	00	0	98	00	0	942	94	0	0	9	0	0	75	81	—	—	0.2	— 1.8	2.1	12
	Wana	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—						11
Quetta	Fort Sandeman	000	0	0	00	00	98	02	0	422	62	0	0	9	0	0	52	74	+ 2	0	4.1	+ 1.9	8.8	11
	Hindubagh	000	0	0	25	10	97	00	0	405	82	0	0	9	0	0	53	69	—	—	0.8	—	4.6	—
	Loralai	000	0	0	31	03	99	00	0	405	78	0	0	9	0	0	45	64	—	—	1.1	—	5.2	9
	Harnai	000	0	0	31	05	97	00	0	385	83	0	0	9	0	0	61	79	—	—	3.2	+ 0.5	6.3	14
	Quetta	000	0	0	00	00	96	03	0	427	76	0	0	9	0	0	57	61	—	—	0	— 0.5	4.2	9
	Chaman	000	0	0	18	07	98	00	0	420	84	0	0	9	0	0	21	73	— 2	— 2	0	— 0.1	1.3	8
	Nushki	000	0	0	09	02	98	02	0	427	89	0	0	9	0	0	39	81	—	—	0	—	1.6	—
	Dalbandin	000	0	0	27	03	97	02	0	427	82	0	0	9	0	0	32	xx	— 2	—	0	0	1.1	4
Kalat	Kalat	000	0	0	18	02	98	00	0	439	73	0	0	9	0	0	66	61	— 1	— 1	0.1	— 0.5	2.1	7
	Panjgur	000	0	8	27	03	96	02	0	429	78	0	0	9	0	0	69	75	+ 1	— 1	0.3	—	1.3	5
Afghanistan	Kabul																							
	Kandhar																							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 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 24th JULY, 1962.

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_sChs	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Kualalumpur — — —	23 113	602 00	6 23 21	98 0 22	075 81	31 4 07	64 x xx	—	00 0 74	12 3 25
State of Bombay — — —	23 015	593 00	3 21 16	98 0 20	112 81	31 5 00	15 5 06	—	00 0 74	12 1 21
Mozaffari — — —	23 155	577 09	1 23 18	98 0 20	030 77	10 0 09	28 4 00	—	00 3 74	12 3 48
Banda — — —	23 232	604 00	4 19 16	98 0 20	992 81	40 7 30	36 4 00	—	05 1 77	11 9 23
Banda — — —	23 220	617 06	6 21 17	97 0 20	017 82	47 3 48	36 4 00	—	00 2 76	12 1 23
Abadesa — — —	23 282	511 06	1 12 07	98 0 30	02x 89	...	...	—	...	...
Flying Enterprise — — —	23 214	623 06	8 24 17	98 0 22	041 85	58 4 38	15 4 00	—	00 9 75	12 3 44
Isanda — — —	23 240	586 06	4 04 06	98 0 31	000 87	30 7 28	35 1 15	—	00 2 82	10 4 20
Caltex London — — —	23 197	588 06	6 21 15	96 0 52	037 76	61 6 06	15 0 04	—	00 4 73	12 1 23
Flying Enterprise — — —	23 222	637 12	8 24 17	98 0 22	027 87	74 4 68	15 6 01	—	00 5 78	12 3 44
Exchester — — —	23 207	610 12	4 20 25	98 0 18	017 86	46 7 00	16 6 10	—	02 0 xx	
Caltex London — — —	23 211	596 12	3 21 18	97 0 52	005 78	00 9 80	85 8 12	—	00 2 74	12 1 33
Abadesa — — —	23 174	520 12	0 12 03	98 0 21	91x 00	...	...	...	...	...
Isidora — — —	23 186	575 12	0 21 25	97 0 10	000 77	00 9 0 0	55 7 10	...	00 7 73	12 1 32
Banda — — —	23 210	629 12	5 22 17	97 0 20	010 81	47 3 38	36 4 00	...	00 0 77	12 2 33
Daram — — —	23 180	603 18	2 29 29	79 0 11	997 82	90 101	75 9 20	—	05 1 74	08 2 31
British Light — — —	23 179	574 18	1 23 21	92 0 50	99x 75	16 x xx	...	...	...	...
Kualalumpur — — —	23 119	581 18	2 23 30	98 0 23	075 78	31 4 00	63 x xx	...	00 0 79	12 3 26
Isanda — — —	23 199	641 18	6 22 17	98 0 22	039 79	67 3 3x	36 2 18	...	00 0 76	12 2 87
— — —	23 213	595 18	0 20 25	96 0 20	022 76	00 9 00	45 2 19	—	00 3 73	12 0 24

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}
		$PPPTTTT_dT_dT_d$	$HHHTTTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	—	—	—	138 178 148	...	303 108 068	431 062 505	578 528 882	753 610 880	967 755	212 963	435 082	...
Jiwani ...														
Karachi ...	00 00	997 282 258	501 xxx xxx		140 255 118	...	309 152 995	437 035 995	583 535 998	756 635 992	971 258	253 958	—	—
Lahore ...	00 00	971 298 275	542 xxx xxx	MISDA	—	...	—	—	—	—	—	—	—	—
Multan ...														
Peshawar ...	00 00	985 282 252	—	—	150 268 195	—	307 178 092	437 092 995	585 505 995	758 625 995	982 278	—	—	...
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	996 281 260	900 225 912	803 152 115	722 138 098	537 002 572	350 692 775	—	...	—	350 692 775	—	—
Jiwani ...													
Karachi ...	00 00	900 222 162	879 202 175	—	—	—	—	—	—	—	879 202 175	—	—
Lahore ...	00 00	MISDA	...	—	—	—	—	—	—	...	—	—	—
Multan ...													
Peshawar ...	00 00	900 275 245	800 252 175	—	—	—	—	—	—	—	800 252 175		
Quetta ...													

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

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

UPPER WIND DATA*

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

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	10 13	13 13	14 09	14 10	12 08	14 10	10 07	10 05	13 06
Chaklala	—	28 06	26 26	29 06	32 05	35 04	31 05	29 07	20 23
Chilas	21 16	23 16	24 20	29 05	34 04	35 11	—	...	—
Chittagong	No	Ascent	—	...	...	...	—	—	—
Cox's Bazar	No	Ascent	...	...	—	...	...	...	...
Dacca	16 15	19 13	19 16	20 16	22 15	20 21	23 17	23 03	18 06
Dalbandin	...	—	22 07	28 06	25 11	27 13	21 15	21 27	21 37
D.I. Khan	—	—	—	—	—	...	...	...	...
Drosh	...	...	—	—	23 09	21 05	23 07	18 06	18 04
Fort Sandeman	...	...	...	21 04	16 03	35 01	...	...	—
Jacobabad	16 08	18 07	19 07	29 25	33 05	23 09	—	...	—
Jessore	28 15	21 16	21 14	22 11	—	...	...	—	...
Jhelum	20 04	30 02	01 02	01 03	02 07	33 06	30 09	27 10	25 13
Jiwani	18 12	20 07	23 05	06 07	02 08	33 07	34 06	31 12	—
Karachi	26 18	26 19	—	—	—	...	—	—	—
Khanpur	23 06	25 07	28 10	24 07	26 07	26 07	—	...	—
Lahore	30 07	27 07	28 02	27 08	26 12	28 15	29 11	—	...
Multan	19 07	19 03	19 04	26 04	29 04	...	—	—	—
Muscat	—	—	—	—	—	...	...	—	—
Panjgur	—	—	—	27 11	25 07	08 04	29 10	—	...
Peshawar	...	08 09	08 06	15 09	22 12	31 13	35 17	30 05	26 15
Quetta	...	...	—	—	34 02	31 06	27 07	20 08	20 14
Sharjah	...	...	—	—	—	...	—	—	—
Sylhet	16 12	16 12	16 14	—	—	...	...	...	—
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	33 02	32 03	32 04	23 03	33 04	...
Chaklala	—	08 07	12 06	14 03	27 08	27 03
Chilas	22 20	25 21	24 13	27 08	29 06	29 04
Chittagong	...	—	—	—	...	...
Cox's Bazar	—	—	—	—	—	...
Dacca	26 02	27 05	—	...	...	...
Dalbandin	—	...	29 04	28 08	32 10	30 14
D.I. Khan	—	...	—	—	—	...
Drosh	...	...	...	13 05	11 08	07 15
Fort Sandeman	...	...	—	23 09	31 11	31 24
Jacobabad	19 15	20 15	23 09	27 07	31 10	36 11
Jessore	26 15	26 19	27 26	21 12	—	—
Jhelum	11 12	13 09	14 07	20 03	30 10	33 15
Jiwani	20 11	19 08	32 12	32 12	—	...
Karachi	—	—	—	—	—	...
Khanpur	21 19	23 25	24 24	26 19	28 10	29 08
Lahore	15 08	31 07	25 08	27 10	28 13	30 12
Multan	21 29	33 28	34 18	24 06	...	...
Muscat	—	—	—	—	—	—
Panjgur	—	—	—	27 15	30 19	33 01
Peshawar	—	35 07	02 05	34 03	29 11	31 15
Quetta	...	—	—	—	21 12	26 04
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	09 11	09 07	...	...	...	...	...	...	—	...	...
Chaklala	...	17 04	15 04	27 04	31 08	32 09	26 16	26 13	—	—	—
Chilas	22 21	23 24	...	—	—	...	—	—	...	...	—
Chittagong	22 17	23 21	—	...	—	...	—	—	—	—	—
Cox's Bazar	...	—	...	—	...	—	—	—	...	—	...
Dacca	14 12	12 16	11 13	...	...	—	—	—	...	...	...
Dalbandin	—	—	29 09	30 09	31 22	30 17	28 22	26 13	20 18	20 19	22 1[illegible]
D.I. Khan	...	—	—	—	...	...	...	...	...	—	...
Drosh	...	...	—	—	32 04	01 06	36 15	35 06	29 06	—	...
Fort Sandeman	...	...	—	27 03	29 10	29 12	23 06	19 04	17 03	21 03	...
Jacobabad	18 12	18 13	18 16	18 37	21 13	21 07	34 13	01 17	03 15	36 08	03 2[illegible]
Jessore	25 12	25 11	24 11	25 12	26 08	...	...	...	...	...	...
Jhelum	12 06	13 04	13 04	27 03	31 07	31 09	32 13	33 45	32 13	—	...
Jiwani	—	...	...	—	—	—	—	—	—	...	...
Karachi	26 27	27 25	27 27	...	...	—	—	...	—	...	...
Khanpur	20 14	20 15	23 12	24 21	24 19	...	...	...	...	...	...
Lahore	14 03	18 04	22 07	26 18	30 02	31 12	32 09	30 08	...	...	...
Multan	23 19	31 19	30 13	20 03	10 05	29 05	01 04	28 04	29 05	...	...
Muscat	—	—	—	—	...	...	...	...	...	...	...
Panjgur	—	—	—	34 11	36 18	35 12	24 03	25 11	26 05	30 08	16 0[illegible]
Peshawar	...	08 05	05 05	39 09	31 01	30 26	31 16	28 17	27 16	29 14	24 1[illegible]
Quetta	—	—	—	—	35 05	29 13	26 23	20 19	17 22	27 15	14 1[illegible]
Sharjah	—	—	—	—	...	...	—	—	—	...	...
Sylhet	12 03	18 06	xx xx	xx xx	xx xx	02 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	4.8	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 —	23 09	24 08	27 06	24 04	17 04	08 06	07 04	11 10	07 16	07 21	10 22	10 23	08 32	07 31	09 39	...	—	...
Karachi —	26 25	27 39	29 29	29 23	30 17	32 12	04 20	08 21	12 11	24 03	18 08	16 18	—	—	...	...	—	—
Peshawar —	...	33 08	06 10	04 07	26 06	28 07	33 08	31 07	32 12	30 17	28 23	29 28	...	...	...	...	...	—
Quetta —																		

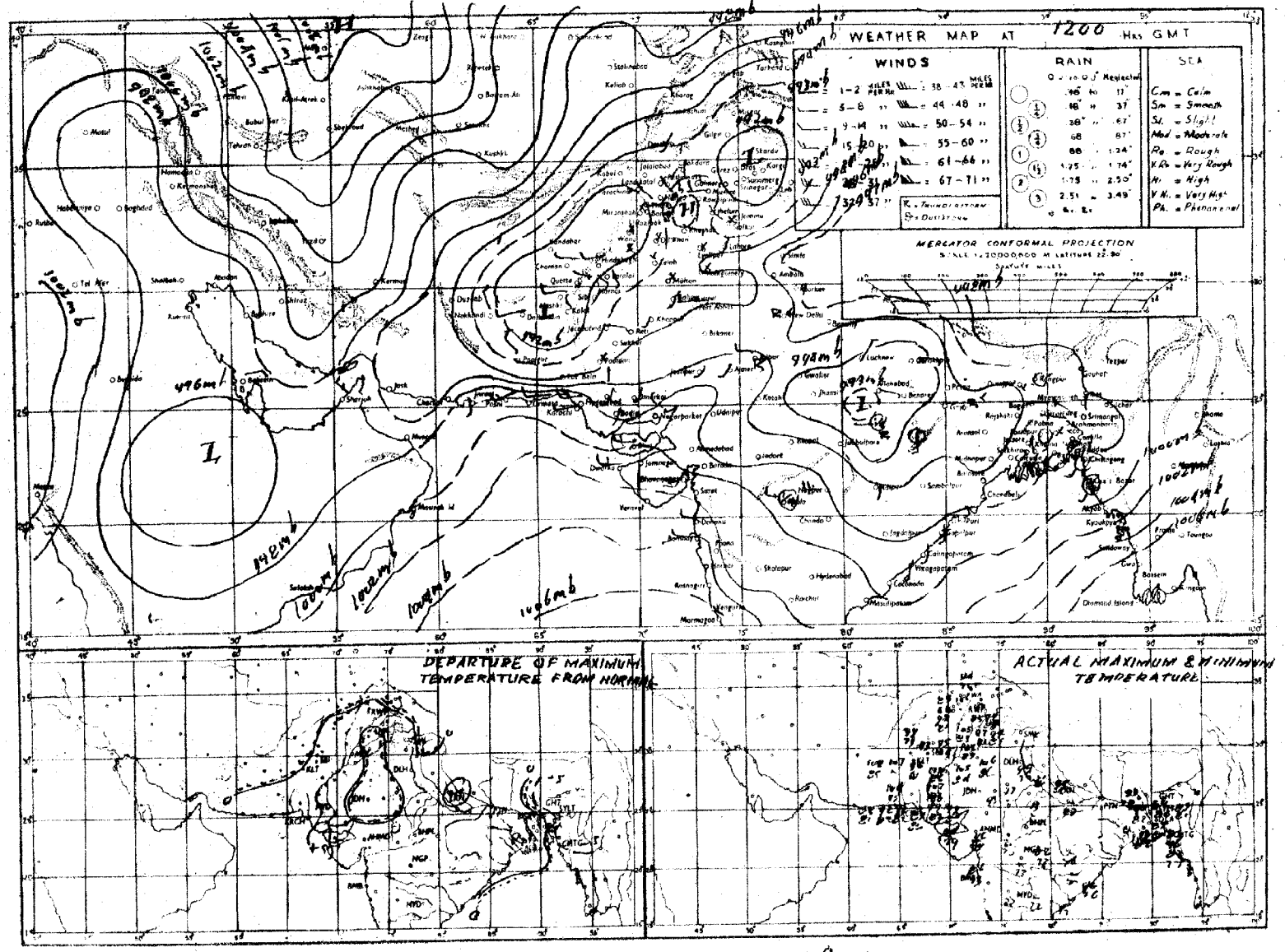
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

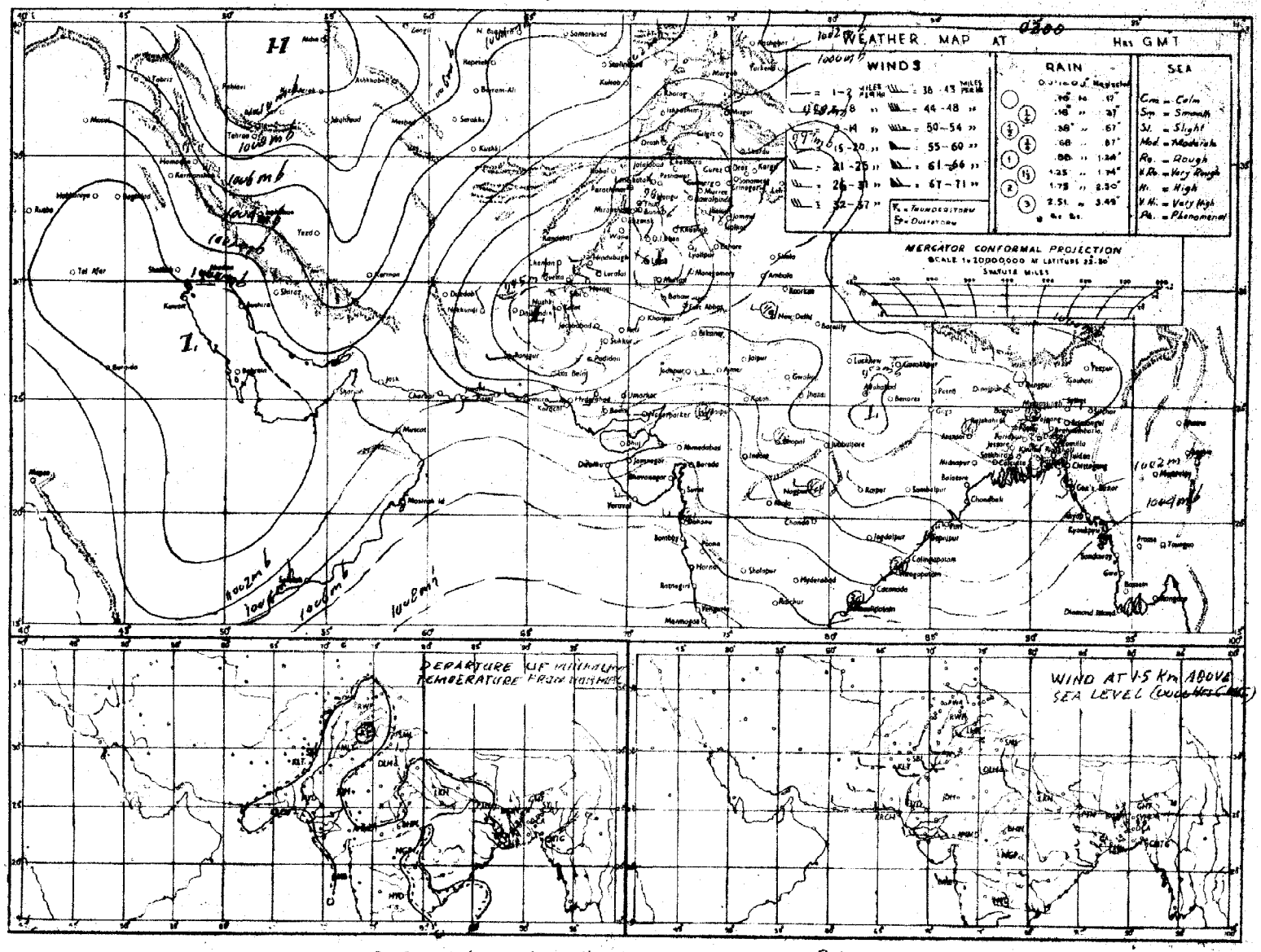
MONDAY 23rd JULY, 1962



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 24th JULY, 1962



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. 16

WEDNESDAY THE 25h JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low over Uttar Pradesh has merged with the seasonal monsoon trough, which runs across Lahore division to West Bengal.

Rainfall has been widespread in Dacca and Khulna divisions, fairly widespread in Chittagong division and local in Rajshahi division. A few heavy falls have occurred in East Pakistan outside Rajshahi division.

The low pressure wave to the north of Afghanistan is, today, moving away across north of Kashmir.

Weather remained dry over West Pakistan.

Chief amounts of rainfall are :—Cox's Bazar 5" ; Barisal, Sathkhira and Faridpur (upto 25,0000 GMT) 4" each ; Chittagong 3" ; Jessore 1½"; Rangamati, Sylhet, Dacca, Khulna and Pabna 1/2" each and Maijdee Court, Comilla, Sirajganj and Bogra 1/4" each.

Day temperatures were 3—5 °F (2—3 °C) above normal in Peshawar, D.I. Khan, Multan, Bahawalpur and Khairpur divisions.

Forecast valid until the evening of 26th July, 1962 :—Rain/thundershowers will be fairly widespread in East Pakistan, local in Rawalpindi division and in Kashmir and scattered in Peshawar, D. I. Khan, Sargodha, Lahore and Multan divisions.

Karachi-11
The 25th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	015	7	7	18	05	94	60	6	986	80	0	0	9	2	x	78	81
	Cox's Bazar	170	9	8	00	00	97	51	6	981	79	2	5	4	2	x	79	82
	Chittagong	020	8	7	23	09	93	03	6	970	81	6	6	6	2	0	76	83
	Maijdee Court	010	6	7	19	05	96	00	1	961	83	1	2	5	2	x	79	88
	Comilla	010	7	4	18	05	97	02	6	951	84	4	4	6	0	0	80	87
	Brahmanbaria	000	6	6	18	07	97	03	6	956	84	6	5	5	0	0	xx	89
	Sylhet	040	6	7	08	00	96	03	6	956	83	6	8	5	1	2	79	89
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	003	0	8	00	90	94	60	1	955	88	8	7	4	x	x	80	89
	Narayanganj	003	3	8	23	05	96	03	6	954	85	8	4	2	x	x	78	87
	Dacca (Tezgaon)	078	9	5	23	05	97	02	6	948	83	4	8	4	2	1	79	85
	Faridpur	376	8	6	20	07	96	03	6	946	82	4	4	6	1	0	79	87
Khulna	Barisal	340	4	6	13	04	97	03	6	985	82	4	7	6	4	0	78	85
	Khulna	057	4	7	09	00	97	01	6	954	82	7	5	5	0	0	81	87
	Satkhira	205	8	7	00	00	97	03	6	956	83	4	4	4	2	0	81	88
	Jessore	048	3	7	18	03	96	03	6	948	82	4	4	5	6	0	81	89
Rajshahi	Pabna	043	8	4	18	05	99	01	6	943	82	3	5	7	3	0	79	89
	Sirajganj	040	0	4	00	00	98	01	0	944	84	4	1	6	0	0	78	87
	Bogra	000	9	8	13	03	98	03	6	943	86	8	4	5	x	x	80	91
	Dinajpur	000	9	4	09	02	96	02	2	936	88	4	9	9	2	0	80	92
	Rangpur	006	6	6	13	02	96	01	5	951	87	4	4	6	1	0	80	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	6	00	00	86	05	2	872	00	2	2	6	0	6	76	01
	Sialkot	000	0	3	18	02	97	03	0	912	96	2	2	6	x	x	xx	98
Rawalpindi	Jhelum	000	6	7	23	02	97	01	1	904	99	1	1	7	0	1	77	00
	Rawalpindi	000	0	8	27	03	97	05	0	897	99	2	1	8	0	0	77	99
	Campbellpur	000	8	9	00	00	98	00	0	877	91	0	0	9	0	0	53	01
Sargodha	Khushab	000	0	0	13	02	98	05	2	905	03	0	0	9	0	0	81	03
	Lyallpur	000	0	0	13	02	97	10	0	909	02	0	0	9	0	0	81	02
Multan	Montgomery	000	0	0	00	00	96	02	0	967	03	0	0	9	0	0	69	03
	Multan	000	0	2	09	01	97	02	0	903	06	0	0	9	0	1	68	07
	Laiah	000	0	0	31	01	97	00	0	943	00	0	0	9	0	0	72	04
Bahawalpur	Khanpur	002	0	0	23	12	94	04	0	910	05	0	0	9	0	0	67	06
	Bahawalpur	000	0	0	00	00	98	00	0	060	05	0	0	8	0	0	76	06
	Fort Abbas	000	0	0	23	02	98	00	0	910	08	0	0	9	0	0	64	09
Peshawar	Chakdara	000	0	0	13	01	97	00	0	885	55	0	0	9	0	0	79	98
	Peshawar	000	0	1	07	01	97	02	0	889	00	1	1	6	0	0	74	03
	Haripur	000	0	0	18	01	97	00	0	898	97	0	0	9	0	0	71	98
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	878	08	0	0	9	0	0	66	08
	D. I. Khan	000	0	0	00	00	98	00	0	890	08	0	0	9	0	0	75	08
Quetta	Sibi	000	0	0	23	02	98	05	0	911	12	0	0	9	0	0	61	14
Kalat	Nokkundi	000	0	0	34	02	98	02	0	937	06	0	0	9	0	0	24	08
	Turbat	000	0	0	23	03	97	00	0	917	08	0	0	9	0	0	xx	10
	Jiwani	000	0	2	18	10	97	01	1	953	87	0	0	6	0	1	75	87
	Pasni	000	0	4	25	21	95	07	1	998	87	0	0	9	0	4	76	90
Karachi Division	Ormara	000	0	1	25	16	94	03	1	760	89	1	1	6	0	0	78	90
	Lasbela	...							...			...	...		...			
	Karachi (Manora)	000	0	7	25	16	96	03	2	982	86	4	6	4	4	0	78	93
	Karachi (Airport)	000	0	7	25	23	96	03	2	985	85	5	5	3	3	0	76	88
Hyderabad	Nagarparkar	000	0	6	23	05	97	00	0	972	85	0	6	7	0	0	73	89
	Umarkot	000	0	6	23	07	98	02	0	957	95	6	2	7	0	0	73	97
	Hyderabad	000	0	3	23	16	97	01	1	954	93	0	0	9	0	0	73	96
	Badin	000	0	0	23	08	97	00	0	992	94	0	0	9	0	0	74	95
Khairpur	Padidan	000	0	0	18	03	98	02	0	921	09	0	0	9	0	0	66	09
	Nawabshah	000	0	0	13	03	96	01	0	935	07	0	0	9	0	0	73	09
	Sukkur	000	4	0	20	03	97	02	1	915	07	0	0	9	0	0	79	07
	Kashmore	000	0	0	00	00	99	00	0	946	xx	0	0	9	0	0	80	xx
	Jacobabad	000	0	0	13	03	97	03	0	912	11	0	0	9	0	0	85	12
Junagadh	Veraval	xxx	x	6	27	25	94	25	1	029	82	6	7	4	0	0	79	xx
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Aliabad *																	
	Gilgit *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Murree *	000	9	6	31	02	97	02	1	386	75	6	5	3	0	0	67	75
Peshawar	Drosh *	000	0	1	33	09	99	03	0	344	97	1	1	7	0	0	55	99
	Cherat *	000	0	0	13	11	98	00	0	364	91	0	0	9	0	0	76	93
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Landikotal *	000	0	0	13	05	98	00	0	361	96	0	0	9	0	0	72	00
	Parachinar *	000	0	3	13	02	99	00	0	370	88	3	0	9	1	0	60	89
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	370	00	0	0	9	0	0	87	01
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta	Fort Sandeman *	000	0	0	23	05	98	02	0	384	02	0	0	9	0	0	23	03
	Hindubagh *	000	0	0	25	12	97	00	0	375	93	0	0	9	0	0	26	94
	Loralai *	000	0	4	11	03	99	00	1	369	95	0	0	9	1	1	55	99
	Harnai *	000	0	0	00	00	97	00	0	374	01	0	0	9	0	0	51	05
	Quetta *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chaman *	000	0	0	27	07	98	00	0	397	98	0	0	9	0	0	17	00
	Nushki *	000	0	0	27	05	98	02	0	419	03	0	0	9	0	0	34	05
	Dalbandin *	000	0	0	31	07	97	02	0	419	05	0	0	9	0	0	25	07
Kalat	Kalat *	000	0	0	34	07	96	00	0	402	84	0	0	9	0	0	76	87
	Panjgur *	000	0	1	31	03	97	02	0	419	03	0	0	9	0	1	36	05
Afghanistan	Kabul *																	
	Kandhar *																	

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	Rangamati	054	7	6	18	05	98	05	6	004	84	3	8	6	1	4	78	77
	Cox's Bazar	468	9	8	20	13	96	61	6	014	80	6	7	3	2	x	79	77
	Chittagong	270	9	8	13	12	95	64	6	993	77	8	7	4	x	x	77	76
	Maijdee Court	035	6	8	00	00	96	03	6	983	81	5	5	5	2	x	79	77
	Comilla	021	9	8	18	05	97	02	6	991	81	8	4	4	x	x	80	76
	Brahmanbaria	006	0	5	13	07	97	03	1	981	85	5	4	5	0	0	78	79
	Sylhet	040	3	7	00	00	96	50	5	989	82	7	5	5	2	0	78	83
	Srimangal	000	0	6	13	08	96	00	0	999	84	6	4	5	0	0	76	77
Dacca	Mymensingh	008	9	4	00	00	97	03	1	979	85	4	1	5	0	0	80	79
	Narayanganj	009	8	8	13	03	97	03	2	974	85	8	4	2	x	x	79	80
	Dacca (Tezgaon)	038	0	6	13	05	97	02	6	967	85	4	5	4	5	0	81	80
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	Barisal	382	9	6	00	00	97	51	6	975	82	6	7	6	1	0	79	79
	Khulna	057	0	6	00	00	97	02	2	966	85	6	5	5	0	0	81	91
	Satkhira	353	9	7	06	02	96	03	6	973	85	4	4	4	2	0	82	78
	Jessore	165	9	7	13	05	97	03	6	963	85	7	7	6	0	0	82	79
Rajshahi	Pabna	043	0	7	13	05	96	03	2	960	83	4	2	7	6	0	79	81
	Sirajganj	022	7	6	13	02	98	01	2	968	84	6	4	6	0	0	79	77
	Bogra	033	7	8	13	02	96	02	6	969	83	x	x	4	2	x	79	69
	Dinajpur	000	9	7	00	00	96	02	2	941	83	7	3	7	x	x	80	79
	Rangpur	006	0	6	13	02	96	01	2	983	83	6	5	6	0	0	80	80
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	23	03	95	05	0	913	88	0	0	9	0	0	77	85
	Sialkot	000	0	1	13	03	97	03	0	910	89	1	2	6	x	x	79	84
Rawalpindi	Jhelum	000	0	0	13	03	92	02	0	907	90	0	0	9	0	0	79	84
	Rawalpindi	000	0	2	13	03	96	05	4	904	89	2	1	8	0	0	81	84
	Campbellpur	000	0	0	13	02	98	00	0	892	89	0	0	9	0	0	81	84
Sargodha	Khushab	000	0	0	07	14	97	05	4	908	88	0	0	9	0	0	85	85
	Lyallpur	000	0	0	25	02	96	00	0	899	86	0	0	9	0	0	77	86
Multan	Montgomery	000	0	0	23	04	96	02	0	918	87	0	0	9	0	0	75	84
	Multan	000	0	6	18	05	96	07	1	985	87	0	0	9	0	1	77	86
	Laiah	000	0	0	31	01	97	00	0	963	93	0	0	9	0	0	75	xx
Bahawalpur	Khanpur	000	0	3	23	10	94	07	0	913	84	1	0	9	3	4	75	89
	Bahawalpur	000	0	5	23	03	97	00	0	981	86	5	0	9	2	0	74	71
	Fort Abbas	000	0	0	20	02	98	00	0	928	86	0	0	9	0	0	74	84
Peshawar	Chakdara	100	0	0	36	01	97	00	0	889	78	0	0	9	0	0	78	78
	Peshawar	000	0	0	00	00	96	05	0	896	89	0	0	9	0	0	81	85
	Haripur	000	0	0	13	01	97	00	0	897	69	0	0	9	0	0	xx	81
D.I. Khan	Bannu	000	0	0	00	00	99	00	0	889	94	0	0	9	0	0	75	86
	D. I. Khan	000	0	0	05	02	98	00	0	890	91	0	0	9	0	0	77	84
Quetta	Sibi	000	2	2	00	00	96	05	0	935	90	0	0	9	2	1	73	86
Kalat	Nokkundi	000	0	0	34	09	97	02	3	968	91	0	0	9	0	0	36	83
	Turbat	000	0	0	23	02	95	06	0	961	91	0	0	9	0	0	xx	xx
	Jiwani	000	0	5	23	03	97	01	2	995	84	5	6	4	0	0	77	81
	Pasni	000	1	8	05	03	95	05	1	993	83	8	4	7	0	0	77	79
Karachi Division	Ormara	000	0	6	27	16	94	03	1	983	83	6	1	6	0	0	79	80
	Lasbela	000	0	3	00	00	97	03	0	932	89	3	0	8	3	0	84	80
	Karachi (Manora)	000	0	7	25	16	96	03	2	977	80	7	6	4	0	0	74	78
	Karachi (Airport)	000	0	7	27	17	96	02	2	980	84	7	6	5	0	0	75	81
Hyderabad	Nagarparkar	000	0	6	27	05	97	30	0	991	84	0	5	7	0	0	71	68
	Umarkot	000	0	8	20	06	96	02	0	949	85	8	5	7	0	0	74	82
	Hyderabad	000	0	3	23	16	97	02	0	944	85	3	0	9	3	1	79	82
	Badin	000	0	8	23	05	97	01	0	000	83	8	0	9	0	1	73	80
Khairpur	Padidan	000	0	0	13	05	98	02	0	920	87	0	0	9	0	0	75	82
	Nawabshah	000	0	3	18	03	94	01	1	932	87	0	0	9	0	1	74	83
	Sukkur	000	9	4	20	03	97	03	1	914	87	0	0	9	0	8	77	83
	Kashmore	000	0	0	00	00	99	00	0	928	93	0	0	9	0	0	77	xx
	Jacobabad	000	0	2	13	05	96	03	0	916	87	0	0	9	0	2	77	85
Junagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	1	05	03	98	01	0	092	64	0	0	9	4	0	39	56
	Aliabad *																	
	Gilgit *	000	6	0	00	00	99	00	0	365	85	0	0	9	0	0	65	71
Rawalpindi	Murree *	000	9	5	29	09	96	02	1	369	70	3	3	3	8	0	65	63
Peshawar	Drosh *	000	0	9	00	00	99	02	0	377	79	0	0	9	0	0	62	75
	Cherat *	000	0	0	13	01	98	00	0	343	80	0	0	9	0	0	74	57
	Kakul *	000	9	5	09	02	97	03	1	349	80	5	4	6	0	0	70	76
	Landikotal *	000	0	0	23	02	97	00	6	336	86	0	3	9	0	0	67	77
	Parachinar *	000	0	0	00	00	99	00	0	380	75	0	0	9	0	0	53	67
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	371	88	9	9	9	9	0	77	82
	Wana *	000	0	0	00	00	99	00	0	513	81	0	0	9	0	0	53	70
Quetta	Fort Sandeman *	000	0	0	20	01	99	02	0	379	87	0	0	9	0	0	35	77
	Hindubagh *	000	0	0	25	12	97	00	0	389	79	0	0	9	0	0	51	68
	Loralai *	000	0	5	29	03	99	00	1	369	82	0	0	9	1	2	36	73
	Harnai *	000	0	0	31	02	97	00	0	356	85	0	0	9	0	0	57	78
	Quetta *	000	0	0	05	02	96	00	0	393	78	0	0	9	0	0	40	66
	Chaman *	000	0	0	09	05	98	00	0	413	85	0	0	9	0	0	25	73
	Nushki *	000	0	0	00	00	98	02	0	445	87	0	0	9	0	0	47	80
	Dalbandin *	000	0	0	25	07	96	02	0	409	84	0	0	9	0	0	27	72
Kalat	Kalat *	000	0	0	18	02	97	00	0	416	73	0	0	9	0	0	68	59
	Panjgur *	000	0	0	00	00	97	02	0	414	79	0	0	9	0	0	64	74
Afghanistan	Kabul *																	
	Kandhar *																	

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 1962 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—				—
	Cox's Bazar	— 3	+ 1				140
	Chittagong	— 3	0				108
	Maijdee Court	+ 2	— 1				115
	Comilla	0	— 1				94
	Brahmanbaria	—	—				78
	Sylhet	—	—				—
	Srimangal		+ 1				98
Dacca	Mymensingh	+ 1	+ 1	27.8	— 2.6	32.7	91
	Narayanganj	— 1	+ 1	18.8	— 4.1	36.1	74
	Dacca (Tezgaon)	—	—				—
	Faridpur	— 1					71
Khulna	Barisal	— 2	0	21.4	— 6.7	37.8	81
	Khulna	— 1	+ 1	19.8	— 4.4	27.3	68
	Satkhira	0	0	22.8	— 0.4	30.0	65
	Jessore	—	—				65
Rajshahi	Pabna	—	—				59
	Sirajganj	— 1	— 2	18.6	— 2.9	31.4	64
	Bogra	+ 2	— 13				69
	Dinajpur	+ 2	0	13.4	— 12.9	20.6	72
	Rangpur	+ 1	+ 1	25.6	— 5.5	47.8	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	+ 2	+ 6	6.4	+ 0.5	12.8	19
	Sialkot	+ 7	+ 5	4.9	— 4.1	11.2	32
Rawalpindi	Jhelum	—	—	8.3	—	14.4	
	Rawalpindi	+ 2	+ 7	1.8	— 6.7	13.4	36
	Campbellpur	—	—	4.2	—	4.5	—
Sargodha	Khushab	+ 1	+ 3	—	—	—	15
	Lyallpur	+ 1	+ 4	3.1	— 0.5	6.8	13
Multan	Montgomery	6	+ 1	5.6	+ 2.7	8.1	10
	Multan	+ 5	+ 1	0.3	— 1.6	2.0	7
	Laiah	—	—	1.5	—	13.3	8
Bahawalpur	Khanpur	+ 3	— 2	3.3	+ 1.3	4.3	6
	Bahawalpur	+ 4	— 12	2.4	+ 0.4	3.1	6
	Fort Abbas	—	—	0.1	—	0.4	8
Peshawar	Chakdara	—	—	3.0	—	12.2	—
	Peshawar	+ 2	+ 5	0.2	— 1.1	6.8	11
	Haripur	—	—	9.8	—	16.5	—
D.I. Khan	Bannu	—	—	0.6	—	3.6	11
	D. I. Khan	+ 5	+ 1	0.6	— 1.7	3.5	9
Quetta	Sibi	—	—	2.6	—	3.7	5
Kalat	Nokkundi	—	—	0	—	0.1	2
	Turbat	—	—	1.8	—	4.6	—
	Jiwani	—	—	1.2	—	1.9	5
	Pasni	0	+ 1	0	— 0.6	0.2	6
Karachi Division	Ormara	—	—	1.0	+ 0.3	2.0	6
	Lasbela		—	0		0	8
	Karachi (Manora)	+ 4	— 3	3.0	— 0.2	3.0	8
	Karachi (Airport)	—	—	3.2	—	3.2	—
Hyderabad	Nagarparkar	—	—	4.0	—	4.0	—
	Umarkot	—	—	3.3	—	2.4	
	Hyderabad	— 2	+ 1	2.4	— 1.3	3.2	7
	Badin	+ 2	— 1	2.3	— 1.4	2.9	9
Khairpur	Padidan	—	—	2.0	—	2.6	—
	Nawabshah	—	—	2.4	—	2.8	—
	Sukkur	—	—	2.4	—	2.8	4
	Kashmore	—	—	0.5	—	0.5	—
	Jacobabad	+ 5	+ 1	0.1	— 0.9	1.0	4
Junagadh	Veraval	—					30
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						5
	HILL STATIONS						
Kashmir	Srinagar *						26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						38
	Leh **						3
	Skardu *						6
	Misgar **		—	—			—
	Aliabad *						—
	Gilgit *		—	—	—	—	8
Rawalpindi	Murree *	+ 2	+ 5	—	—	—	89
Peshawar	Drosh *	+ 2	+ 2	—	—	—	18
	Cherat *	+ 4	—	—	—	—	29
	Kakul *	—	—	11.0	—	25.9	—
	Landikotal *	—	—	0.5	—	12.2	—
	Parachinar *	+ 3	+ 1	5.3	—	18.9	29
D.I. Khan	Miranshah *	—	—	0.2	— 1.8	2.1	13
	Wana *		—	—		—	61
Quetta	Fort Sandeman *	+ 6	+ 3	4.1	+ 1.9	8.8	11
	Hindubagh *	—	—	0.8	—	4.6	—
	Loralai *	—	—	1.1	—	5.2	9
	Harnai *	—	—	3.2	+ 0.3	6.3	14
	Quetta *		—	0	— 0.5	4.3	9
	Chaman *	— 1	— 2	0	— 0.1	1.3	8
	Nushki *	—	—	0	—	1.8	—
	Dalbandin *	— 2	— 4	0	0	1.1	4
Kalat	Kalat *	— 4	— 4	0.1	— 0.6	2.1	7
	Panjgur *	+ 2	— 2	0.3	—	1.3	5
Afghanistan	Kabul *						12
	Kandhar *						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 25th JULY, 1962.

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 $N_sC_hh_s$	$QT_wT_wT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Kualalumpur	33 122	571 00	5 23 24	98 0 21	064 79	11 4 08	63 x xx	...	00 0 72	12 3 26
Entania	33 205	646 00	7 25 24	98 0 22	017 03	77 5 xx	56 4 00	—	05 2 76	12 5 37
British Light	33 192	585 00	2 21 16	98 0 50	99x 75	16 x xx		—		
Isidora	33 294	585 06	4 33 30	97 0 12	027 76	81 5 30	58 2 05	—	08 4 74	22 0 22
Exchester	33 237	653 06	8 26 20	92 0 31	031 86	84 6 00	16 2 02	—	00 2 76	12 6 65
Caltex London	33 247	579 06	0 99 02	97 0 50	017 90	00 9 00	75 1 09	—	00 1 88	14 9 20
British Light	33 206	193 06	6 22 16	97 0 51	01x 78	15 x xx		...		
Mozaffari	33 168	642 06	6 13 18	98 0 22	088 83	64 7 00	24 4 00	—	00 2 77	12 3 35
British Light	33 219	599 12	3 20 18	97 0 51	58x 81	35 4 xx		—		
Isidora	33 158	537 12	8 20 08	98 0 22	040 81	84 5 00	55 8 10	...	00 9 76	12 0 32
Mozaffari	33 162	607 12	8 25 18	98 0 22	063 82	83 7 00	24 6 10	...	00 1 73	12 5 53
Abadesa	33 250	580 12	0 13 02	98 0 20	93x 95			...		
Encadia	33 196	623 12	7 25 30	98 0 20	026 03	77 5 xx	55 4 00	...	00 0 74	02 5 37
British Industry	33 161	547 12	4 18 18	98 0 32	05x 73	36 x xx	...	...	—	—
British Light	33 231	595 18	3 22 15	98 0 11	97x 80	15 x xx	...	...		
Kualalumpur	33 107	547 18	0 23 24	98 0 10	064 79	00 9 00	63 x xx	—	00 1 72	13 2 16
Abadesa	33 247	588 18	0 99 02	98 0 20	96x 88			...		
Mozaffari	33 176	658 18	7 25 18	98 0 32	080 82	74 7 00	24 4 00	...	00 0 77	12 5 43

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
		$PPPTTTT_dT_dT_d$	$HHHTTTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	...	—	—	136 212 462	...	305 145 082	434 095 032	588 028 552	772 545 658	095 635	—	—	—
Jiwani ...														
Karachi ...	00 00	994 282 238	508 xxx xxx	—	135 248 992	...	306 142 995	434 045 655	580 538 562	753 635 665	967 738	248 970	—	—
Lahore ...	00 00	967 325 282	557 xxx xxx	—	140 278 252	...	311 215 212	443 148 995	600 120 990	798 050 990	038 545	385 650	630 716	—
Multan ...														
Peshawar ...	00 00	950 302 242	—	...	134 302 185	...	306 195 072	435 102 023	583 515 995	757 650 990	966 835	—	—	...
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		$PPPTTTT_dT_dT_d$									$PPPTTTT_dT_dT_d$	St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	995 275 262	900 248 208	803 198 145	454 002 588	350 582 708	010 112 572	...	...	—	010 112 572	...	—
Jiwani ...													
Karachi ...	00 00	900 272 242	800 210 990	...	...	...	—	—	...	—	800 210 990	—	—
Lahore ...	00 00	900 298 262	800 262 238	...	...	...	...	...	...	...	809 262 238	...	—
Multan ...													
Peshawar ...	00 00	900 302 198	800 282 162	—	...	...	—	—	—	...	800 282 162		
Quetta ...													

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ...	...	...	...	...	...	...	...	...	...	15 12	19 09	...	...	—	...
Chaklala ...	—	22 04	23 03	22 03	32 04	31 22	31 16	30 13	29 13	—	11 07	10 11	16 04	29 11	33 13
Chhor ...	22 25	23 26	23 24	23 11	—	—	—	—	—	33 23	33 25	...	...	...	...
Chittagong ...	22 12	22 15	23 17	...	...	...	—	—	—	No	Ascent	—	—	—	—
Cox's Bazar ...	...	—	...	...	—	...	...	—	...	No	Ascent	—	...	...	—
Dacca ...	22 13	23 15	22 18	21 15	20 10	12 11	10 20	10 27	10 28	16 03	17 04	18 04	18 07	19 03	16 07
Dalbandin ...	...	—	27 11	27 13	26 12	24 12	31 15	33 07	21 09	...	...	29 09	30 11	31 23	30 28
D. I. Khan ...	—	—	—	—	—	...	...	...	...	—	—	...	...	—	—
Drosh ...	...	—	—	...	23 15	22 11	20 05	15 02	14 05	...	...	—	22 02	21 04	19 07
Fort Sandeman ...	...	...	...	24 07	24 07	24 10	30 10	25 14	21 07	...	...	...	24 06	29 10	31 10
Jacobabad ...	15 11	17 06	10 01	31 29	35 06	22 07	26 13	26 19	26 31	20 15	27 13	32 12	32 15	29 13	28 14
Jessore ...	16 15	16 13	16 11	...	—	...	...	...	—	20 08	21 09	21 11	—	...	...
Jhelum ...	23 03	21 04	21 04	31 07	33 09	33 17	31 26	36 15	30 17	12 11	13 15	14 09	26 07	30 09	32 18
Jiwani ...	19 06	15 04	08 03	01 08	01 13	34 09	36 05	20 08	19 09	24 08	26 07	...	...	...	...
Karachi ...	26 25	26 27	27 30	—	—	—	...	—	—	...	...	...	...	...	...
Khanpur ...	23 12	24 15	25 17	28 15	—	...	...	—	—	21 19	22 24	22 27	25 14	26 08	—
Lahore ...	23 03	23 05	23 02	26 11	29 08	32 21	32 27	...	...	24 07	24 13	24 15	26 16	27 10	29 10
Multan ...	20 11	21 14	22 12	23 05	34 05	34 17	29 13	31 13	32 13	21 18	24 28	26 31	...	...	...
Muscat ...	—	—	...	—	—	...	...	...	...	—	—	—	...	...	...
Panjgur ...	—	...	—	32 13	31 07	32 06	29 05	25 06	20 07	...	...	—	02 19	01 22	35 15
Peshawar ...	—	06 08	07 07	17 09	11 14	29 17	31 22	32 13	29 23	...	35 12	36 09	35 14	31 16	31 23
Quetta ...	—	—	...	—	18 12	29 11	26 10	25 20	25 24	...	—	—	—	31 02	30 06
Sharjah ...	—	—	...	—	—	...	...	...	...	—	...	...	...	...	...
Sylhet ...	16 12	16 13	16 15	17 17	17 20	...	—	...	...	44 09	16 19	15 19	xx xx	xx xx	01 12
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 ...	12 19	12 18	13 18	...	...	...	...	...	...	...	...
Chaklala ...	—	15 06	14 06	14 04	35 01	34 05	—	—	—	...	—
Chhor ...	22 11	24 10	28 11	...	—	...	...	...	...	...	...
Chittagong ...	16 25	18 23	18 23	—	...	...	—	—	...	...	...
Cox's Bazar ...	20 06	21 11	...	...	...	—	...	...	...	...	...
Dacca ...	13 15	13 15	14 15	14 11	—	—	...	—	...	...	...
Dalbandin ...	...	...	27 09	30 18	32 18	31 13	29 19	29 12	28 05	33 06	...
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	—	...	—	10 05	36 14	36 19	36 24	01 34	—	...
Fort Sandeman ...	—	—	—	32 02	25 04	24 12	24 12	35 08	...	...	...
Jacobabad ...	20 08	25 01	13 01	33 02	32 02	32 05	35 08	35 13	35 17	35 21	...
Jessore ...	17 06	16 09	15 10	...	...	...	...	...	...	...	...
Jhelum ...	12 06	13 05	13 05	27 07	30 08	29 12	31 09	30 19	30 20	[illegible]	31 21
Jiwani ...	31 05	28 07	36 08	36 10	01 12	36 09	28 12	33 08	02 04	[illegible]	10 22
Karachi ...	27 27	27 24	...	—	—	...	...	...	...	...	...
Khanpur ...	21 16	21 19	23 20	...	...	...	—	...	...	...	...
Lahore ...	24 08	24 07	27 04	26 03	31 07	33 41	—	...	...	...	...
Multan ...	12 12	25 41	32 15	34 19	34 20	...	...	...	...	...	...
Muscat ...	—	—	...	—	...	...	...	...	...	...	...
Panjgur ...	...	...	—	33 13	33 12	31 16	29 06	36 06	02 06	06 08	10 17
Peshawar ...	...	41 09	18 09	05 03	30 15	28 19	28 26	28 26	30 21	32 23	26 21
Quetta ...	—	—	—	—	28 13	26 15	31 15	21 41	21 17	35 11	03 14
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	14.4	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 07	18 03	10 03	19 03	18 03	17 07	16 10	16 09	14 11	12 15	11 06				—	—	...	—
Karachi ...	27 32	27 31	29 35	32 35	32 29	33 17	01 07	12 09	11 08	12 08	05 15	08 17	11 31	10 39	...	—	—	...
Peshawar ...	32 06	32 10	35 12	35 13	34 19	30 12	26 10	30 14	28 17	30 13	28 29	...	—	—	...	...	—	...
Quetta ...																		

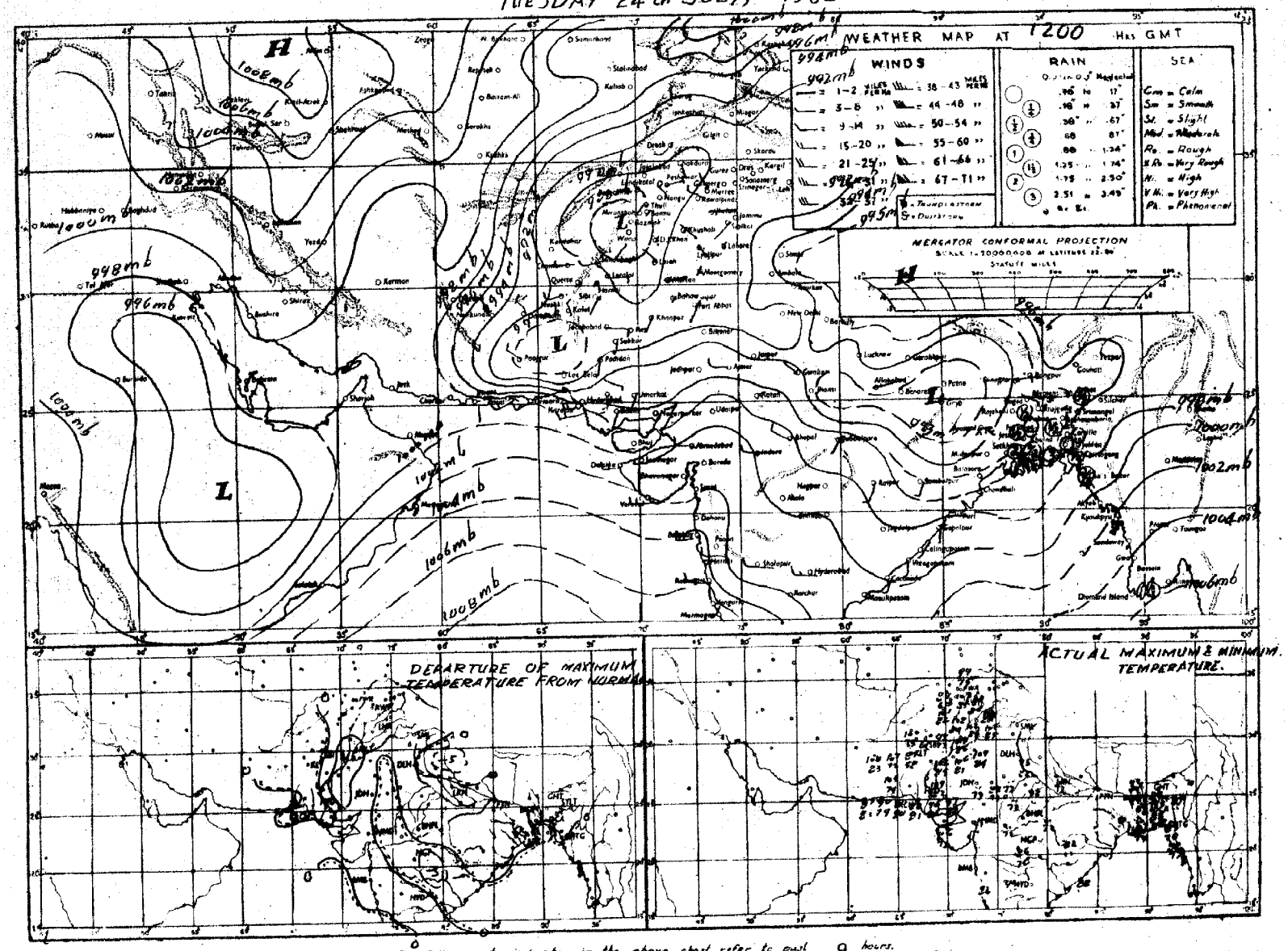
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

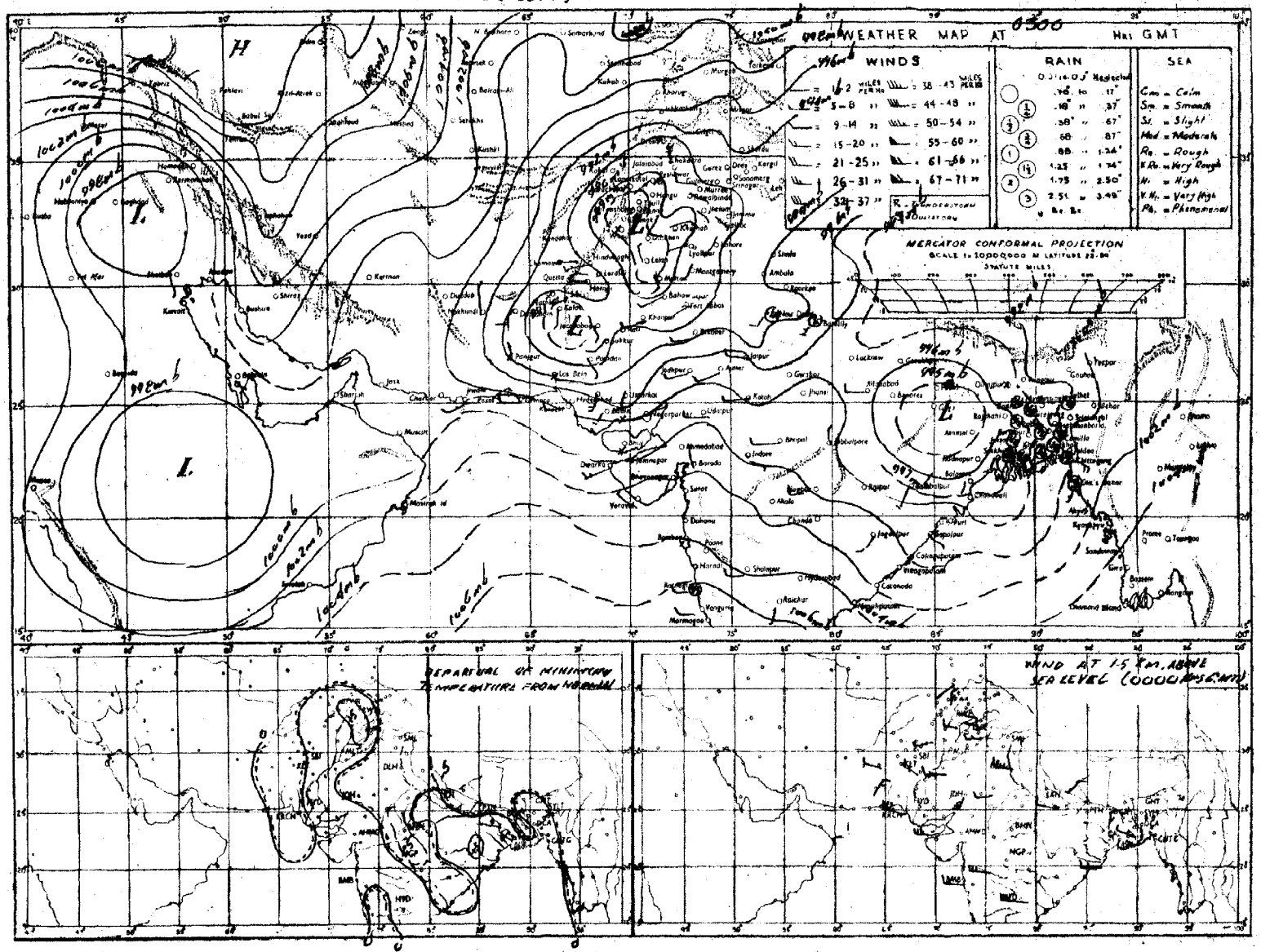
TUESDAY 24th JULY, 1962



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 25th JULY, 1962.



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

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[illegible] DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

THURSDAY THE 26th JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

The Monsoon trough of low continues to run across Lahore division to West Bengal.

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

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

Scattered rain has fallen in Rawalpindi division.

Chief amounts of rainfall are :—Chittagong 4"; Cox's Bazar 1" ; Maijdee Court, Barisal and Bogra 3/4" each ; Comilla, Sylhet, Narayanganj, Jessore, Dinajpur and Rangpur 1/2" each and Faridpur, Khulna, Sathkhira, Pabna and Rangamati 1/4" each.

Day temperatures were 3—7 °F (2—4 °C) above normal in Peshawar, D.I. Khan, Rawalpindi, Multan, Bahawalpur and Khairpur divisions and were 3—5 °F (2—3 °C) below normal in Quetta division and the northern parts of Kalat division.

Forecast valid until the evening of 27th July, 1962 :—Fairly widespread rain/thundershowers will occur in East Pakistan, local in Lahore and Rawalpindi divisions and in Kashmir and scattered in Peshawar, Sargodha and Multan divisions.

Karachi-11
The 26th July, 1962.

M. AZHAR ADIL
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	Rangamati	015	7	7	18	09	97	05	6	573	82	6	7	5	1	x	79	84
	Cox's Bazar	033	8	6	18	09	97	61	6	967	81	5	5	4	2	x	80	80
	Chittagong	064	8	8	13	13	96	61	6	965	79	8	7	8	x	x	78	83
	Maijdee Court	010	6	8	13	05	96	03	6	967	84	5	5	5	2	0	80	85
	Comilla	000	0	8	18	09	96	02	2	931	84	8	4	4	x	x	80	87
	Brahmanbaria	000	0	5	18	05	97	03	1	947	84	5	4	5	0	0	80	89
	Sylhet	024	9	2	00	00	96	68	6	958	81	7	8	4	6	0	80	90
	Srimangal	000	3	6	11	03	95	00	5	968	84	0	0	8	8	2	80	91
Dacca	Mymensingh	002	6	8	00	00	97	08	6	945	83	8	7	5	x	x	81	88
	Narayanganj	000	0	8	18	03	98	08	2	939	87	5	4	3	3	0	79	89
	Dacca (Tezgaon)	000	6	6	13	09	97	02	1	934	86	5	8	5	0	1	79	88
	Faridpur	025	6	6	20	07	96	02	1	935	85	4	4	6	x	x	81	87
Khulna	Barisal	068	4	8	00	00	96	03	6	945	83	4	7	6	4	0	79	85
	Khulna	079	6	6	18	05	97	03	6	944	84	6	4	4	0	0	81	89
	Satkhira	038	5	7	00	00	96	03	6	947	85	4	4	4	2	0	80	91
	Jessore	040	5	5	18	03	97	02	6	928	87	8	4	6	6	x	81	87
Rajshahi	Pabna	000	0	7	13	05	98	13	2	927	86	3	2	6	0	8	81	91
	Sirajganj	000	0	9	00	00	98	02	8	931	87	7	9	4	4	0	80	90
	Bogra	005	5	7	13	03	96	03	6	933	87	4	4	5	1	1	80	90
	Dinajpur	000	0	5	00	00	96	02	2	929	86	5	2	7	2	0	81	91
	Rangpur	000	0	3	09	02	96	11	1	937	88	2	5	6	1	0	80	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	13	02	95	05	0	883	99	0	0	9	0	0	78	99
	Sialkot	000	0	5	13	03	97	03	0	886	98	5	2	6	x	x	80	99
Rawalpindi	Jhelum	000	3	4	13	05	96	02	2	859	97	4	3	6	0	2	81	99
	Rawalpindi	000	1	1	11	03	96	05	4	868	80	1	2	7	0	0	78	02
	Campbellpur	000	0	0	23	02	98	00	0	845	03	0	0	9	0	0	73	04
Sargodha	Khushab	000	0	0	09	03	96	05	4	875	02	0	0	9	0	0	86	03
	Lyallpur	000	0	0	13	02	96	00	1	862	98	0	0	9	0	0	79	98
Multan	Montgomery	000	0	0	00	00	96	02	0	881	00	0	0	9	0	0	73	01
	Multan	000	0	2	00	00	97	01	0	868	06	0	0	9	0	1	71	07
	Leiah	000	0	0	31	01	97	00	0	909	01	0	0	9	0	0	81	12
Bahawalpur	Khanpur	000	0	0	23	02	95	05	0	849	00	0	0	9	0	0	67	08
	Bahawalpur	000	0	0	23	01	97	00	0	xxx	01	0	0	9	0	0	83	08
	Fort Abbas	000	0	0	23	02	98	00	0	676	08	0	0	9	0	0	72	08
Peshawar	Chakdara	000	0	0	36	01	97	00	0	847	97	0	0	9	0	0	78	00
	Peshawar	000	0	0	02	05	96	05	0	855	04	0	0	9	0	0	71	05
	Haripur	000	0	0	18	01	96	00	0	879	00	0	0	9	0	0	77	02
D. I. Khan	Bannu	000	0	0	16	01	99	00	0	849	09	0	0	9	0	0	43	09
	D. I. Khan	000	0	0	00	00	98	00	0	861	07	0	0	9	0	0	73	09
Quetta	Sibi	000	9	0	18	01	97	03	1	865	15	0	0	9	6	2	62	16
Kalat	Nokkundi	000	0	0	34	09	97	02	0	899	06	0	0	9	0	0	24	08
	Turbat	000	0	0	33	03	98	00	1	930	05	0	0	9	0	0	xx	xx
	Jiwani	000	0	0	23	17	97	02	1	951	89	0	0	9	0	0	60	92
	Pasni	000	6	0	25	24	96	07	1	942	87	0	0	9	0	0	77	91
Karachi Division	Ormara	000	0	1	27	16	94	03	1	942	87	1	1	6	0	0	80	90
	Lasbela																	
	Karachi (Manora)	000	0	7	25	16	96	03	2	948	85	7	6	4	0	0	77	88
	Karachi (Airport)	000	0	7	27	14	96	03	2	948	85	6	5	5	0	0	76	88
Hyderabad	Nagarparkar	000	0	3	27	04	97	00	0	963	91	0	3	7	0	0	77	93
	Umerkot	000	0	0	23	06	98	02	0	919	94	8	2	7	0	0	74	99
	Hyderabad	000	0	2	23	17	97	02	0	913	94	3	0	9	4	0	73	99
	Badin	000	0	8	23	08	97	00	0	976	92	8	0	9	6	1	73	95
Khairpur	Padidan	000	0	0	09	02	98	02	0	884	05	0	0	9	0	0	55	06
	Nawabshah	000	0	4	18	14	96	03	0	890	08	2	0	9	3	1	68	14
	Sukkur	000	8	2	20	03	97	01	1	875	09	0	0	9	0	3	72	13
	Kashmore	000	0	6	36	03	99	02	0	945	xx	6	1	9	0	0	91	18
	Jacobabad	000	0	4	13	02	96	02	2	973	14	0	0	9	0	3	82	14
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	x	34	03	97	02	0	319	92	1	1	6	0	1	64	xx
	Gulmarg **	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sonamarg **																	
	Dras **																	
	Leh **	xxx	9	3	33	13	98	03	1	948	81	3	8	8	0	0	53	xx
	Skardu *	000	0	0	23	05	97	05	0	314	97	0	0	9	0	0	38	97
	Misgar **	000	0	1	33	02	98	00	0	316	00	0	0	9	4	0	29	91
	Astore *																	
	Gilgit *	000	0	0	00	00	99	00	0	368	90	0	0	9	0	0	78	72
Rawalpindi	Murree *	000	9	6	29	05	96	02	1	360	73	9	5	2	0	0	68	76
Peshawar	Drosh *	000	8	0	23	09	98	05	4	311	01	0	0	9	0	0	46	05
	Cherat *	000	0	0	13	41	98	00	0	322	93	0	0	9	0	0	75	97
	Kakul *	000	8	5	23	07	96	05	1	357	87	5	3	6	0	0	73	91
	Landikotal *	000	0	1	13	03	97	03	0	337	90	1	1	7	0	0	72	04
	Parachinar *	000	0	2	13	02	99	00	0	359	95	2	0	9	1	0	46	92
D. I. Khan	Miranshah *	000	0	0	05	05	99	00	0	352	03	0	0	9	0	0	86	05
	Wana *	000	0	0	13	02	99	00	0	513	96	0	0	9	0	0	58	01
Quetta	Fort Sandeman *	000	0	0	00	00	99	03	0	346	03	0	0	9	0	0	38	04
	Hindubagh *	000	0	0	25	10	97	00	0	333	93	0	0	9	0	9	41	94
	Loralai *	000	0	6	16	03	99	01	2	336	95	0	0	9	2	1	45	98
	Harnai *	000	0	5	13	05	97	03	0	328	06	3	1	5	1	0	10	07
	Quetta *	000	6	6	23	02	96	02	0	391	90	1	1	8	0	1	61	91
	Chaman *	000	0	0	27	17	98	00	0	371	97	0	0	9	0	0	20	98
	Nushki *	000	0	0	31	13	97	05	4	418	63	0	0	9	0	0	69	04
	Dalbandin *	000	0	0	27	12	95	05	0	387	96	0	0	9	0	0	25	07
Kalat	Kalat *	000	0	0	27	05	97	03	2	391	84	0	0	9	0	3	79	86
	Panjgur *	000	0	0	31	17	96	07	0	391	02	0	0	9	0	0	31	03
Afghanistan	Kabul *																	
	Kandhar *																	

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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	019	7	7	18	02	98	05	6	012	83	5	8	6	5	x	75	73	—		—	—	—	—
	Cox's Bazar	103	9	8	16	13	97	21	6	000	83	5	4	3	2	x	78	78	+3	+2	65.4	+5.1	76.1	140
	Chittagong	353	9	7	13	12	97	02	6	956	81	4	5	6	2	0	77	77	−3	0	—	—		108
	Maijdee Court	075	3	8	13	02	96	02	6	990	81	6	5	5	2	x	79	78	−1	0	33.4	−5.5	52.9	115
	Comilla	045	8	8	18	09	96	02	6	970	81	8	4	4	x	x	80	78	0	+1	12.9	+1.9	45.1	94
	Brahmanbaria	000	0	6	18	09	97	03	1	987	82	6	5	5	0	0	79	79	—	—	—		—	78
	Sylhet	064	9	8	13	05	95	50	6	995	81	7	7	4	2	x	77	78	—	—	47.8	—	74.1	—
	Srimangal	000	0	7	13	12	96	00	0	996	83	0	0	8	0	3	76	78	0	+2	35.3	+4.7	35.8	98
Dacca	Mymensingh	003	9	8	00	00	97	02	2	034	84	8	5	4	0	0	81	79	0	+1	27.9	−3.2	32.8	91
	Narayanganj	063	2	8	16	07	97	02	6	977	84	8	4	2	x	x	80	80	+1	+1	19.7	−3.6	36.7	74
	Dacca (Tezgaon)	005	9	7	18	05	97	02	6	974	83	4	8	4	1	1	79	81	—	+1	17.2	—	32.1	
	Faridpur	025	0	8	16	05	97	02	2	973	84	8	5	6	0	0	80	80	—	+1	—	—	—	71
Khulna	Barisal	080	4	8	13	10	96	03	6	981	84	8	7	6	x	x	80	78	−2	0	22.2	−6.4	38.6	81
	Khulna	019	6	6	00	00	97	02	2	976	85	6	5	6	0	0	81	81	+1	+3	20.0	−4.7	27.5	68
	Satkhira	029	9	6	00	03	97	03	6	982	85	4	4	6	2	0	79	80	+3	+2	23.1	−0.6	30.3	65
	Jessore	054	9	8	09	03	97	03	6	971	84	8	7	5	x	x	81	80	—	—	14.4	−7.7	24.6	65
Rajshahi	Pabna	032	9	8	13	05	97	03	9	964	82	7	7	7	3	x	80	88	—	—	23.0	—	41.5	59
	Sirajganj	000	0	8	13	03	96	02	2	973	85	8	5	6	0	0	78	80	+2	−1	18.6	−3.3	31.4	64
	Bogra	077	9	6	18	02	96	02	6	973	82	4	4	5	1	0	80	79	+1	−1	21.2	−1.9	33.7	69
	Dinajpur	065	9	6	00	00	96	02	2	967	82	8	2	7	x	x	81	78	+1	−1	14.0	−12.7	31.3	72
	Rangpur	050	8	8	09	02	96	05	6	980	81	8	7	6	x	x	81	79	+2	+1	30.1	−1.5	49.3	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	1	13	02	96	06	0	905	87	0	0	9	0	0	81	83	0	+4	6.4	+0.3	12.8	19
	Sialkot	000	0	6	13	05	97	02	2	918	87	6	4	6	x	x	80	84	+2	+5	4.9	−4.4	11.2	33
Rawalpindi	Jhelum	000	1	1	13	07	96	01	1	919	89	1	1	7	0	0	76	85	—	—	8.3	—	14.4	
	Rawalpindi	000	0	2	09	02	95	05	4	921	89	2	1	8	0	0	77	84	+5	+7	1.8	−7.0	13.4	36
	Campbellpur	000	0	0	00	00	98	00	0	912	89	0	0	9	0	0	78	86	—	—	4.2	—	4.9	—
Sargodha	Khushab	000	0	0	05	09	97	05	4	931	88	0	0	9	0	0	83	83	+1	+1	1.1	−3.4	6.1	15
	Lyallpur	000	0	0	13	02	96	00	0	920	88	0	0	9	0	9	77	86	−3	+4	2.1	−0.6	6.8	12
Multan	Montgomery	000	0	0	23	05	96	02	0	913	87	0	0	9	0	0	76	84	−3	+1	5.6	+2.7	8.1	10
	Multan	000	0	0	18	05	96	07	0	912	85	0	0	9	0	0	75	81	+5	−1	0.9	−1.7	2.0	7
	Leiah	000	0	0	31	02	97	00	0	884	90	0	0	9	0	0	79	84	—	—	1.5	—	13.3	8
Bahawalpur	Khanpur	000	0	2	23	05	95	05	0	909	84	0	0	9	0	4	74	79	+4	−4	3.3	+1.3	4.3	6
	Bahawalpur	000	0	0	27	01	98	00	0	990	87	0	0	9	0	0	74	72	+6	−11	2.4	+0.2	3.1	6
	Fort Abbas	000	0	0	18	02	98	00	0	935	86	0	0	9	0	0	76	79	—		0.1	—	0.4	8
Peshawar	Chakdara	000	0	0	18	02	97	00	0	889	84	0	0	9	0	0	76	81	—	—	3.0	—	12.2	—
	Peshawar	000	0	0	34	03	96	05	0	910	89	0	0	9	0	0	81	85	+4	+5	0.2	−1.1	6.8	11
	Haripur	000	0	0	23	02	95	05	0	908	88	0	0	9	0	0	78	83	—	—	9.8		16.5	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	904	93	0	0	9	0	0	76	89	—	—	0.6	—	3.6	11
	D. I. Khan	000	0	0	05	03	98	00	0	911	89	0	0	9	0	0	81	85	+6	—	0.6	−1.8	3.5	9
Quetta	Sibi	000	0	0	13	02	96	05	0	916	91	0	0	9	0	0	69	98	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	0	0	34	09	97	02	0	939	53	0	0	9	0	0	33	83	—	—	0	—	0.1	2
	Turbat	000	0	0	32	07	96	05	0	008	00	0	0	9	0	0	xx	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	0	23	07	97	02	0	960	85	0	0	9	0	0	73	83	—	—	1.2	—	1.9	5
	Pasni	003	3	6	25	09	95	05	1	962	85	4	2	7	3	0	78	81	+1	+3	0	−0.6	0.3	6
Karachi Division	Ormara	000	0	0	25	16	94	03	2	955	83	0	1	5	x	x	82	82	—	—	1.0	−0.7	2.0	6
	Lasbela																							8
	Karachi (Manora)	000	0	8	25	14	96	03	2	980	79	8	6	4	0	0	73	77	+2	−3	3.0	−0.4	3.0	8
	Karachi (Airport)	000	0	7	27	16	96	03	2	964	83	4	6	5	2	0	77	81	—	—	3.2	—	3.2	—
Hyderabad	Nagarparkar	000	0	3	27	05	97	00	0	951	84	0	3	7	0	0	78	69	—	—	4.0	—	4.0	—
	Umerkot	000	0	8	23	06	97	02	0	935	84	8	5	7	0	0	75	82	—	—	3.3	—	3.4	—
	Hyderabad	000	0	8	23	16	97	03	2	931	85	0	0	9	2	8	76	83	+1	+9	2.4	−0.4	3.2	7
	Badin	000	0	8	23	05	97	02	0	963	84	0	0	9	0	2	75	81	+2	0	2.3	−1.6	2.9	9
Khairpur	Padidan	003	0	0	13	07	97	02	0	996	88	0	0	9	0	0	74	84	—	—	2.0	—	2.6	—
	Nawabshah	000	0	0	18	10	96	01	0	911	89	0	0	9	0	0	75	85	—	—	2.4	—	2.8	—
	Sukkur	000	9	0	36	03	97	02	0	897	87	0	0	9	0	0	75	83	—	—	2.4	—	2.8	4
	Kashmore	000	0	0	00	00	99	00	0	921	91	0	0	9	0	0	75	76	—	—	0.5	—	0.5	—
	Jacobabad	000	0	0	09	07	96	02	0	900	87	0	0	9	0	0	82	84	+7	+3	0.1	−0.9	1.0	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							3
	HILL STATIONS																							
Kashmir	Srinagar *	xxx	x	2	14	03	97	02	0	362	79	1	1	6	3	0	64	70	—	—				26
	Gulmarg **	xxx	x	6	00	00	97	03	2	450	64	4	4	5	4	0	40	55		—				—
	Sonamarg **																							71
	Dras **																							26
	Leh **	xxx	x	2	00	00	98	01	1	012	48	2	8	8	0	0	32	50	—	—				3
	Skardu *	000	0	0	00	00	97	02	0	301	77	0	0	9	0	0	39	44	—	—				6
	Misgar **	000	0	0	05	03	98	00	0	055	46	0	0	9	0	0	36	54	—	—				—
	Astore *																							—
	Gilgit *	000	0	0	00	00	99	00	0	400	87	0	0	9	0	0	63	71	—	—				5
Rawalpindi	Murree *	017	9	9	13	02	96	51	6	399	67	9	x	0	x	x	67	64	+3	—	13.1	−1.0	37.4	59
Peshawar	Drosh *	000	0	0	00	00	98	05	4	375	84	0	0	9	0	0	63	77	+8	+4	1.9	—	13.9	18
	Cherat *	000	0	8	13	13	90	00	0	331	76	8	6	6	0	0	73	55	+8	−16	7.6	+3.1	31.8	29
	Kakul *																		—					—
	Landikotal *	000	0	0	05	02	93	05	4	362	84	0	0	9	0	0	76	78	—	—	0.5	—	12.2	—
	Parachinar *	000	0	0	00	00	99	10	0	364	74	0	0	9	0	0	56	70	+6	+4	5.3	—	18.9	29
D. I. Khan	Miranshah *	000	0	0	00	03	99	00	0	378	86	0	0	9	0	0	73	83	—		0.2	−1.9	2.1	13
	Wana *	000	0	0	00	00	99	00	0	509	81	0	0	9	0	0	52	71	—	—	—	—	—	11
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	380	84	0	0	9	0	0	44	77	+7	+11	4.1	+1.8	8.8	11
	Hindubagh *	000	0	0	25	07	97	00	0	387	84	0	0	9	0	0	58	72	—	—	0.8	—	4.6	—
	Loralai *	000	0	0	31	03	99	00	0	362	78	0	0	9	6	0	40	65	—	—	1.1	—	5.2	9
	Harnai *	000	0	0	31	05	97	00	0	346	87	0	0	9	0	0	44	80	—	—	3.2	+0.2	6.3	14
	Quetta *	000	0	0	00	00	96	00	0	384	76	0	0	9	0	0	57	64	—	—	0	−0.5	4.2	9
	Chaman *	000	0	0	23	05	98	00	0	375	84	0	0	9	0	0	27	73	−3	−2	0	−0.1	1.3	8
	Nushki *	000	0	0	00	00	98	02	0	432	88	0	0	9	0	0	46	81	—	—	0	—	1.6	—
	Dalbandin *	000	0	2	25	07	95	05	0	391	85	0	0	9	0	1	27	80	−2	−1	0	0	1.1	4
Kalat	Kalat *	000	0	0	18	02	98	00	0	405	71	0	0	9	0	0	60	60	−5	−1	0.1	−0.6	2.9	7
	Panjgur *	000	0	0	00	00	98	02	0	396	86	0	0	9	0	0	43	77	0	—	0.3	—	1.3	3
Afghanistan	Kabul *																							
	Kandhar *																							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 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 26th JULY, 1962

WIRELESS REPORTS FROM SHIPS

SHIPS IN (1)				YQ $L_aL_aL_a$ (2)	$L_oL_oL_o$ GG (3)	N dd ff (4)	VV ww W (5)	PPP TT (6)	$N_hC_LhC_MC_H$ (7)	D_sV_s a PP (8)	8 $N_sC h_s h_s$ (9)	$OT_sT_sT_dT_d$ (10)	$I_wd_wP_wH_w$ (11)
ARABIAN SEA													
	—	—	—	43 155	735 00	7 27 18	98 2 12	039 81	13 x 07	77 4 00	—		—
	—	—	—	43 128	538 00	6 21 34	98 0 22	061 79	60 9 7x	64 x xx	—	00 1 72	
Vietnam	—	—	—	43 187	603 03	1 22 30	98 0 10	006 98	11 5 00	54 6 10	—	00 0 72	12 1 xx
Kualalumpur	—	—	—	43 240	586 00	3 18 07	98 0 50	94x 84	75 x xx		—		
Entsnia	—	—	—	43 078	709 00	8 27 14	98 0 21	031 62	46 3 1x	74 6 09	—	00 0 77	12 7 46
British Light	—	—	—	43 252	576 06	1 21 03	98 0 20	93x 80	75 x xx		—		—
Scattish Lion	—	—	—	43 189	702 06	8 27 15	98 0 28	043 82	43 3 74	74 5 00	—	00 0 78	
British Light	—	—	—	43 196	587 06	0 22 18	98 0 20	063 77	00 9 C0	16 0 C0	—	00 1 74	22 2 36
Scattish Lion	—	—	—	43 175	592 06	7 21 21	98 0 22	087 77	72 3 xx		—	05 2 73	12 1 34
Cleverny	—	—	—	43 219	597 06	5 21 16	99 0 22	008 74	30 4 76	54 2 16	—	00 1 73	12 2 32
Caltex Utrect	—	—	—	43 224	681 06	7 28 18	98 0 12	985 90	35 5 37	36 1 xx	—	00 7 77	12 8 45
Ridderekerk	—	—	—	43 210	693 12	8 28 18	98 0 32	980 84	46 3 57	36 1 xx	—	00 1 80	12 8 45
Shame	—	—	—	43 217	625 12	3 23 25	98 0 21	95x 84			—		—
Shame	—	—	—	43 198	697 12	8 27 14	97 0 22	003 82	37 3 2x	74 6 15	—	05 1 78	12 7 46
Abadesa	—	—	—	43 209	593 12	2 20 20	96 0 10	990 76	20 6 30	54 8 05	—	00 1 78	12 8 43
Scatoish Lion	—	—	—	43 212	596 12	3 21 18	98 0 20	044 77	00 6 04	16 7 14	—	00 2 73	12 1 33
Ridderskerk	—	—	—	43 210	594 12	3 20 24	98 0 21	02x 75	16 x xx		—		
Cleverny													
British Industry													

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 HHHTTTT$_d$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	—	—	—	136 160 142	—	301 098 058	428 032 508	573 585 580	745 845 618	959 772	240 968	—	—
Jiwani	—														
Karachi	—	00 00	994 272 242	533 xxx xxx	—	140 288 998	—	306 158 992	434 068 995	582 342 868	757 882 645	973 355	853 968	440 100	—
Lahore	—	00 00	976 322 262	518 xxx xxx	—	140 342 162	—	311 145 085	439 088 992	588 022 995	765 865 895	963 723	—		—
Multan	—														
Peshawar	—	00 00	950 385 255	—	—	134 248 162	—	300 142 055	428 038 995	572 870 990	743 678 995	954 753	244 830	—	—
Quetta	—														

STATION		Time of ascent in G.M.T	At Significant Levels PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE St. HHHHTT	St. HHHHTT
16		17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	—													
Chittagong	—													
Dacca	—	00 00	995 278 262	910 202 178	803 145 118	559 002 548	350 658 748	286 785 865	—	—	—	286 785 865	—	—
Jiwani	—													
Karachi	—	00 00	350 665 702									350 665 702		
Lahore	—	00 00	900 272 222	800 212 125	—	—	—	—	—	—	—	800 212 125	—	—
Multan	—													
Peshawar	—	00 00	900 xx0 212	800 218 132	—	—	—	—	—	—	—	800 218 132		
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) — columns 2–10; At 0000 hrs. G.M.T. † of date (dd ff) — columns 11–16

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)	0.3 (11)	0.6 (12)	0.9 (13)	1.5 (14)	2.1 (15)	3.0 (16)
Bogra	—	14 81	10 01	15 10	—	—	—	—	—	—	15 14	15 14	15 13	19 12	—	—
Chakiala	—	—	16 06	20 05	21 04	28 05	29 17	06 03	—	—	—	09 09	13 13	12 11	34 03	30 12
Chhor	—	23 20	23 29	23 27	31 10	33 10	30 11	—	—	—	—	—	—	—	—	—
Chittagong	—	18 19	—	—	—	—	—	—	—	—	16 31	18 39	—	—	—	—
Cox's Bazar	—	No	—	Ascent	—	—	—	—	—	—	18 13	—	—	—	—	—
Dacca	—	15 12	16 15	16 18	16 17	17 15	19 12	17 09	—	—	17 12	18 11	—	—	—	—
Dalbandin	—	—	—	28 07	29 12	30 14	30 26	33 25	35 12	32 24	—	—	28 08	36 09	32 20	31 14
D.I. Khan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	—	23 11	19 07	33 07	36 08	03 09	—	—	—	14 01	11 03	09 07
Fort Sandeman	—	—	—	—	26 04	27 05	24 08	29 06	03 03	02 06	—	—	—	12 02	01 06	35 06
Jacobabad	—	18 06	19 08	24 05	33 11	31 19	30 13	27 24	26 40	26 49	13 12	16 19	22 13	28 15	33 07	36 06
Jessore	—	17 11	18 11	18 10	17 10	15 14	—	—	—	—	No	Ascent	—	—	—	—
Jhelum	—	15 08	15 15	16 13	19 09	—	—	—	—	—	11 12	13 18	12 19	08 06	32 07	32 16
Jiwani	—	23 10	27 06	27 05	32 10	31 24	13 15	01 08	xx xx	06 18	24 17	29 21	29 24	31 19	33 17	31 14
Karachi	—	25 14	27 23	—	—	—	—	—	—	—	—	—	—	—	—	—
Khanpur	—	25 11	24 11	24 10	32 08	24 08	28 08	29 09	27 12	07 19	21 19	22 21	22 23	25 12	25 11	—
Lahore	—	15 06	14 10	15 18	17 08	20 10	21 06	29 15	31 21	32 17	17 08	22 12	23 13	25 13	29 05	31 05
Multan	—	19 06	21 06	15 04	25 03	28 07	30 07	26 16	25 22	24 20	20 16	23 17	26 06	28 07	—	—
Muscat	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	—	34 09	32 08	34 09	—	—	—	—	—	—	31 16	32 21	33 25
Peshawar	—	—	xx xx	36 04	27 23	21 02	31 05	29 17	24 36	23 39	—	35 13	32 08	33 04	26 06	28 10
Quetta	—	—	—	—	—	31 07	27 09	27 04	19 06	02 05	—	—	—	—	29 01	30 05
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sylhet	—	No	—	Ascent	—	—	—	—	—	—	No	Ascent	—	—	—	—
Yarawal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

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	15 11	15 13	15 17	16 18	—	—	—	—	—	—	—
Chakiala	—	14 04	12 06	15 04	—	—	—	—	—	—	—
Chhor	22 25	22 31	23 31	—	—	—	—	—	—	—	—
Chittagong	—	—	—	—	—	—	—	—	—	—	—
Cox's Bazar	17 21	17 42	—	—	—	—	—	—	—	—	—
Dacca	15 09	16 15	11 17	10 31	—	—	—	—	—	—	—
Dalbandin	—	—	25 19	27 32	30 28	31 36	—	—	—	—	—
D.I. Khan	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	22 03	20 01	35 12	36 17	36 26	33 34	—
Fort Sandeman	—	—	—	05 02	02 02	04 08	19 04	11 08	14 21	18 25	—
Jacobabad	08 05	02 07	32 09	32 11	33 09	35 05	19 07	19 06	20 04	13 05	—
Jessore	11 10	19 05	18 07	—	—	—	—	—	—	—	—
Jhelum	11 12	12 10	12 09	10 04	31 05	31 19	—	—	—	—	—
Jiwani	25 08	35 16	35 15	35 12	32 09	30 09	32 09	35 04	06 07	08 13	08 22
Karachi	26 15	27 17	—	—	—	—	—	—	—	—	—
Khanpur	20 07	20 10	21 12	30 06	27 07	28 07	22 04	22 12	23 10	—	—
Lahore	25 02	18 02	18 03	22 06	24 06	30 08	32 12	33 17	31 17	32 34	—
Multan	20 05	11 04	15 05	13 04	12 06	03 01	22 02	19 03	18 04	—	—
Muscat	—	—	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	33 30	34 23	34 05	27 43	12 07	06 03	02 08	12 17
Peshawar	—	36 05	36 04	02 04	28 02	26 02	20 03	29 11	20 13	21 21	28 13
Quetta	—	—	—	—	32 05	31 08	18 12	15 03	08 02	32 09	17 09
Sharjah	—	—	—	—	—	—	—	—	—	—	—
Sylhet	—	—	—	—	—	—	—	—	—	—	—
Yarawal	—	—	—	—	—	—	—	—	—	—	—

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

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

Height in g. p. Kms. a.s.l. → 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	—	17 15	17 14	18 11	17 12	18 13	21 13	28 18	20 11	22 06	17 04	15 15	11 19	09 19	08 29	—	—	—	—
Karachi	—	25 31	27 39	29 42	29 43	29 32	31 20	32 15	29 05	10 10	10 17	09 7	10 23	10 27	09 39	—	—	—	—
Peshawar	—	.	36 11	32 07	28 04	31 50	31 18	09 06	31 13	31 26	31 32	31 35	32 40	33 46	—	—	—	—	—
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.

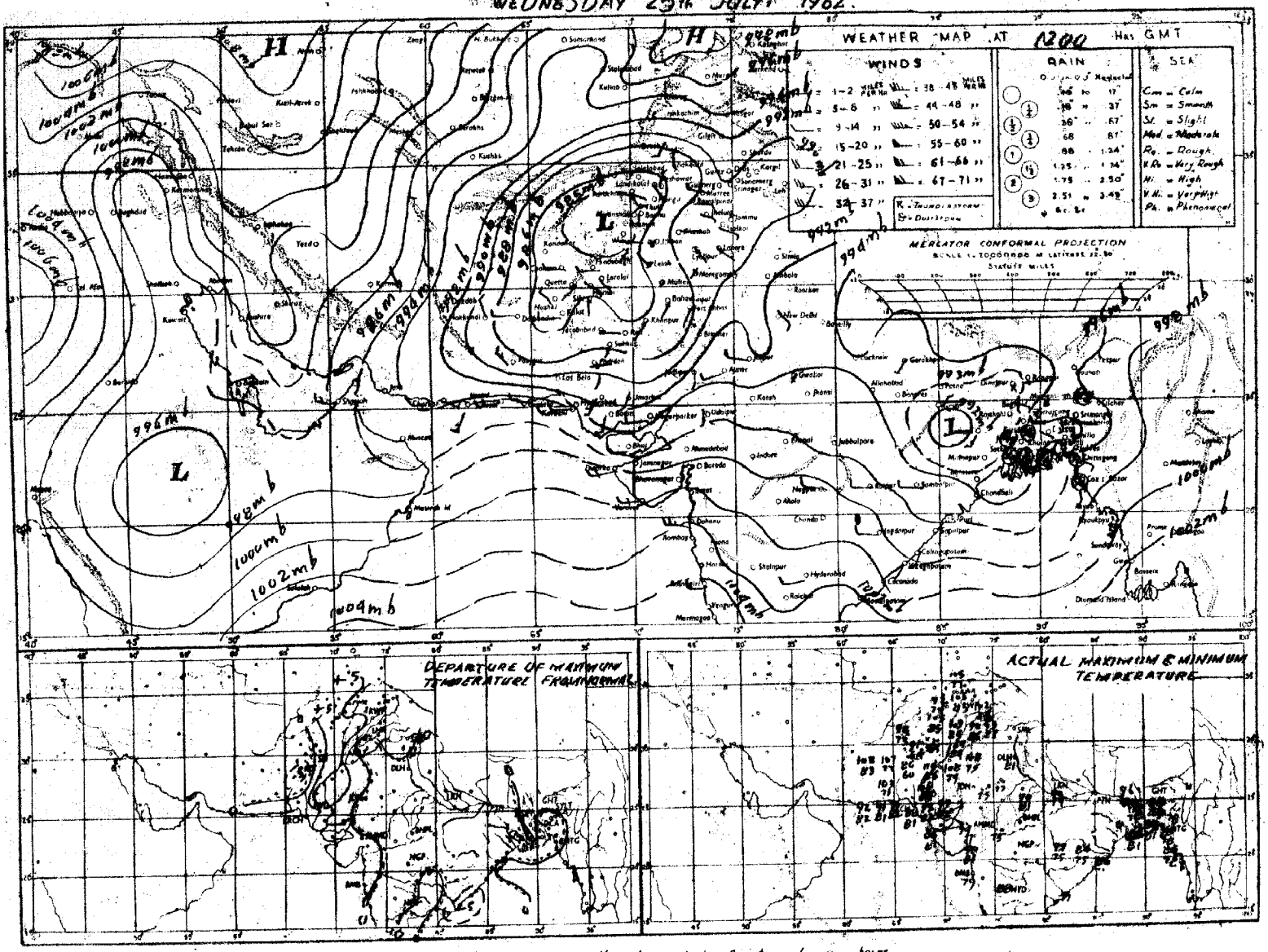
Cloud observation Data (GGiii Cdd V_rV_r etc.)

11 749 30 516

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

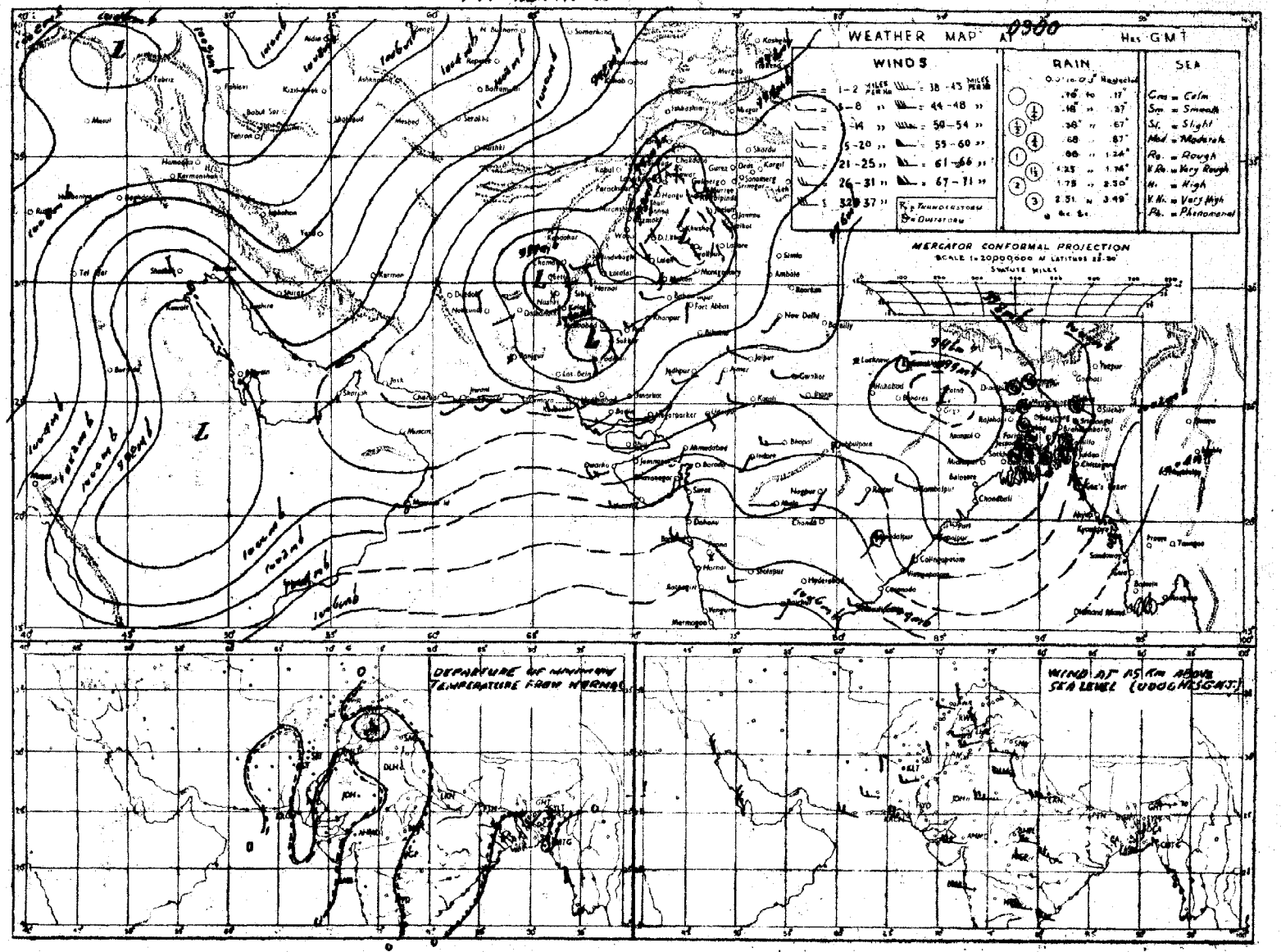
WEDNESDAY 25th JULY 1962.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY, 26th JULY, 1962.



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. 16

FRIDAY, THE 27th JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

The monsoon trough of low continues to run across Lahore division to West Bengal.

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

Yesterday's low pressure wave is moving across north of West Pakistan with its associated trough extending to D. I. Khan division. In its association thunderstorms/showers have been fairly widespread in Rawalpindi division and scattered in Peshawar division.

Chief amounts of rainfall are:—Cox's Bazar 3"; Maijdee Court, Narayanganj, Barisal, Rawalpindi and Murree 1" each; Pabna 3/4"; Chittagong, Mymensingh, Dacca, Khulna, Sirajganj and Rangpur 1/2" each and Comilla, Sylhet, Jessore, Dinajpur, Haripur and Kakul 1/4" each.

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

Forecast valid until the evening of 28th July, 1962:—Fairly widespread rain/thundershowers will occur in East Pakistan, local in Rawalpindi division and in Kashmir and scattered in Peshawar, Sargodha and Lahore divisions.

M. AZHAR ADIL
for Director, Meteorological Service.

Karachi-11
The 27th July, 1962.

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 f (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	[illegible]	018	1	7	18	05	97	05	6	985	81	6	7	5	4	x	80	89
	Cox's Bazar	027	4	8	20	09	97	61	6	974	80	5	5	4	2	x	79	84
	Chittagong	022	3	8	13	13	96	60	6	968	80	8	7	6	x	x	79	84
	Maijdee Court	000	9	7	11	09	96	03	2	961	83	5	5	5	2	x	79	86
	Comilla	000	0	8	18	09	96	02	2	940	84	8	4	5	x	x	78	87
	Brahmanbaria	000	8	6	13	07	97	03	8	957	85	2	5	5	3	0	78	88
	Sylhet	005	6	7	09	02	96	02	6	963	86	5	8	6	7	0	80	88
	Srimangal	000	0	7	13	20	96	00	8	986	85	0	0	8	0	4	84	89
Dacca	Mymensingh	950	6	8	13	02	97	02	6	955	85	8	7	4	x	x	79	90
	Narayanganj	043	4	7	13	00	96	03	6	948	84	4	1	2	8	0	80	87
	Dacca (Tezgaon)	040	0	8	13	00	97	02	4	947	86	4	4	4	5	0	80	86
	Faridpur	000	0	6	16	17	96	02	2	939	87	5	4	6	1	0	81	89
Khulna	Barisal	000	0	6	27	05	97	02	2	940	87	6	0	9	6	0	81	88
	Khulna	000	0	6	13	03	97	01	2	945	86	6	5	6	0	0	83	89
	Satkhira	000	0	7	00	00	96	03	2	962	87	4	4	4	1	0	82	92
	Jessore	000	0	7	13	03	98	01	2	940	87	3	5	7	3	2	81	92
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj	000	0	6	18	02	97	03	2	943	86	6	4	5	1	0	81	90
	Bogra	006	0	4	13	02	96	02	2	942	87	4	5	6	0	8	80	90
	Dinajpur	018	9	4	00	00	96	02	6	935	83	4	0	9	2	0	60	85
	Rangpur	025	6	7	00	00	96	11	6	955	85	7	5	6	0	0	81	86
Kashmir	Jammu	000	0	0	13	02	95	05	0	892	98	0	0	9	0	0	78	98
Lahore	Lahore (Jail Rd.)	000	0	2	13	05	97	02	0	889	97	2	4	6	1	1	80	99
	Sialkot																	
Rawalpindi	Jhelum	000	0	3	13	05	94	05	e	883	98	1	1	7	3	0	78	99
	Rawalpindi	000	F	1	13	02	96	05	4	875	98	1	1	7	0	0	76	01
	Campbellpur	000	0	0	13	05	96	00	0	856	01	0	0	9	0	0	74	01
Sargodha	Khushab	000	0	0	13	05	96	05	4	881	02	0	0	9	0	0	88	02
	Lyallpur	000	0	2	05	02	97	00	0	893	00	0	0	9	0	0	76	00
Multan	Montgomery	000	0	0	00	00	96	02	0	886	00	0	0	9	0	0	74	00
	Multan	000	0	0	18	02	97	02	0	879	03	0	0	9	0	0	71	05
	Lalah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	Khanpur	000	0	0	18	03	95	05	0	877	06	0	0	9	0	0	67	07
	Bahawalpur	000	0	0	18	02	98	00	0	xxx	06	0	0	0	0	0	78	07
	Fort Abbas	000	0	0	23	02	98	00	0	684	07	0	0	9	0	0	75	08
Peshawar	Chakdara	000	0	0	13	02	97	00	0	843	95	0	0	9	0	0	79	97
	Peshawar	000	0	1	05	07	96	05	0	659	03	1	9	6	0	0	76	03
	Haripur	000	0	4	23	02	95	05	1	887	98	4	1	6	0	0	75	07
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	852	05	0	0	9	0	0	73	06
	D. I. Khan	000	0	0	00	00	98	00	0	871	05	0	0	9	0	0	78	06
Quetta	Sibi	000	0	0	18	02	97	05	0	865	12	0	0	9	0	0	64	14
Kalat	Nokkundi	000	0	0	34	19	97	07	0	893	06	0	0	9	0	0	38	07
	Turbat	000	0	0	23	03	98	00	1	930	06	0	0	9	0	0	xx	xx
	Iwani	000	0	0	23	18	97	00	0	934	91	0	0	9	0	0	77	92
	Pasni	000	0	2	20	21	95	07	1	931	98	0	0	9	0	0	75	92
Karachi Division	Ormara	000	0	6	27	36	94	03	2	932	87	6	1	6	0	0	81	90
	Lasbela																	
	Karachi (Manora)	000	0	7	25	16	96	03	2	942	83	8	6	4	0	0	75	86
	Karachi (Airport)	000	0	8	27	17	96	02	2	944	84	7	5	5	0	0	77	87
Hyderabad	Nagarparkar	000	0	3	27	03	97	00	0	928	00	0	3	7	0	0	81	94
	Umarkot	000	0	8	13	16	98	02	0	918	93	8	5	7	0	0	74	97
	Hyderabad	000	0	6	23	16	96	06	2	909	93	0	0	9	0	1	73	98
	Badin	000	0	8	23	05	97	00	0	944	89	0	0	9	0	1	73	93
Khairpur	Padidan	000	0	0	00	00	97	02	0	875	14	0	0	9	0	0	43	15
	Nawabshah	000	0	2	18	05	96	03	0	889	07	0	0	9	0	1	68	12
	Sukkur	000	0	4	20	02	97	03	1	871	11	0	0	9	0	3	73	12
	Kashmore	000	0	0	00	00	99	00	0	946	xx	0	0	9	0	0	60	08
	Jacobabad	000	0	0	13	05	96	01	0	873	10	0	0	9	0	0	85	11
Junagadh	Veraval	xxx	x	7	25	27	96	21	2	012	82	5	1	5	3	0	79	xx
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	004	5	0	27	01	97	02	6	358	74	7	8	3	0	0	67	75
Peshawar	Drosh *	000	8	1	23	10	98	05	4	313	00	1	8	7	0	0	50	02
	Cherat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kakul *	018	8	4	23	09	96	05	6	360	86	4	3	6	0	0	73	87
	Landikotal *	000	0	1	13	05	92	05	4	339	xx	5	0	2	7	0	79	98
	Parachinar *	000	0	2	13	02	99	00	0	352	89	2	0	9	1	0	56	92
D. I. Khan	Miranshah *	000	0	4	05	05	98	01	1	339	00	0	0	8	3	0	97	02
	Wana *	000	0	0	00	00	99	00	0	509	93	0	0	9	0	0	64	98
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	333	02	0	0	9	0	0	51	04
	Hindubagh *	000	0	0	25	16	97	00	0	321	96	0	0	9	0	0	52	98
	Loralai *	000	0	0	13	03	99	00	1	343	97	0	0	9	1	1	45	00
	Harnai *	000	0	0	23	05	96	00	0	338	06	0	0	6	0	0	44	07
	Quetta *	000	0	0	27	02	98	00	0	362	93	0	0	9	0	0	66	95
	Chaman *	000	0	0	18	07	98	00	0	345	98	0	0	9	0	0	37	99
	Nushki *	000	0	0	18	09	96	05	4	409	03	0	0	9	0	0	84	05
	Dalbandin *	000	0	0	23	14	94	07	0	376	03	0	0	9	0	0	29	05
Kalat	Kalat *	000	0	0	34	03	98	00	0	362	88	0	0	9	0	0	83	xx
	Panjgur *	000	0	0	31	05	96	02	0	383	02	0	0	9	0	0	43	04
Afghanistan	Kabul *																	
	Kandhar *																	

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 f (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	[illegible]	015	2	7	18	05	98	05	6	990	85	5	7	6	2	x	77	79	—	—	—	—	—	—
	Cox's Bazar	301	9	8	23	05	97	61	4	984	78	6	5	4	2	x	77	76	— 1	0	61.4	— 6.7	79.2	140
	Chittagong	055	9	7	13	12	97	03	6	976	80	6	6	6	2	0	77	79	— 2	+ 2	—	—	—	108
	Maijdee Court	100	6	8	13	02	96	03	6	970	82	8	5	5	x	x	78	79	0	+ 1	34.4	— 5.5	53.9	115
	Comilla	025	8	8	18	09	96	02	6	971	81	8	4	4	x	x	78	77	0	0	34.2	+ 2.4	45.4	94
	Brahmanbaria	000	0	6	16	07	97	03	1	973	83	6	5	5	0	0	77	78	—	—	—	—	—	78
	Sylhet	031	6	x	xx	xx	96	01	6	975	84	5	5	6	2	0	79	78	—	—	47.2	—	74.4	—
	Srimangal	000	0	6	13	10	95	00	0	968	86	0	0	5	3	0	81	74	— 1	— 2	35.3	+ 4.3	25.6	99
Dacca	Mymensingh	954	9	8	00	00	96	00	0	974	83	8	5	4	6	0	79	80	+ 3	+ 2	28.4	— 3.2	33.3	91
	Narayanganj	090	4	8	21	05	97	02	6	961	84	8	1	2	x	x	81	80	— 1	+ 1	20.6	— 3.2	37.6	74
	Dacca (Tezgaon)	065	5	7	16	05	97	01	9	960	84	6	4	3	7	8	81	79	—	—	17.9	—	32.8	—
	Faridpur	002	0	8	00	00	96	50	2	955	83	6	5	5	1	0	80	81	+ 2	+ 2	—	—	—	71
Khulna	Barisal	15	4	8	18	05	97	51	6	965	82	8	8	7	6	x	81	80	+ 1	+ 2	23.4	— 5.8	39.8	81
	Khulna	044	7	7	00	00	96	2	6	978	82	7	5	5	0	0	81	80	+ 2	+ 2	20.4	— 4.7	28.8	68
	Satkhira	009	9	8	00	03	97	03	6	993	82	4	4	4	2	x	79	79	+ 4	+ 1	23.2	— 0.9	31.4	65
	Jessore	036	9	8	19	03	96	03	6	972	88	8	8	5	x	x	80	79	—	—	14.8	— 7.9	25.9	65
Rajshahi	Pabna	080	6	8	00	00	97	03	9	960	82	8	7	6	x	x	81	81	—	—	24.0	—	42.3	59
	Sirajganj	052	0	8	13	02	98	02	2	896	xx	8	2	5	0	0	81	80	+ 3	+ 1	19.2	— 3.1	31.7	64
	Bogra	011	0	8	13	03	96	02	2	958	86	7	5	4	2	x	81	81	+ 1	+ 2	21.3	— 2.4	33.8	69
	Dinajpur	018	9	4	09	02	96	02	2	957	87	4	0	9	2	0	80	79	— 5	0	14.2	— 3.0	21.5	72
	Rangpur	055	7	6	09	07	96	01	6	970	85	6	5	6	0	0	79	80	— 4	2	10.7	— 1.3	40.9	64
Kashmir	Jammu	000	8	6	23	05	96	03	1	922	81	1	0	9	3	5	76	75	— 1	— 4	6.4	+ 0.1	12.8	19
Lahore	Lahore (Jail Rd.)	000	1	8	00	00	97	07	5	930	80	8	5	6	x	x	77	78	+ 3	— 1	4.9	— 4.7	11.2	32
	Sialkot																							
Rawalpindi	Jhelum	000	2	7	05	03	97	02	9	916	83	3	5	7	1	1	73	79	—	—	8.3	—	14.4	
	Rawalpindi	105	2	6	09	02	97	03	9	918	91	6	3	6	0	C	77	74	+ 5	— 3	2.9	— 6.3	14.5	96
	Campbellpur	000	0	1	00	00	97	01	0	906	85	0	0	8	1	1	75	82	—	—	4.2	—	4.5	—
Sargodha	Khushab	000	0	0	09	02	96	05	4	909	91	0	0	9	0	0	84	77	0	— 5	1.1	— 3.6	6.1	15
	Lyallpur	000	0	0	25	02	96	00	C	908	88	0	0	9	0	0	77	87	— 1	+ 5	3.1	— 0.7	6.8	13
Multan	Montgomery	000	0	0	20	03	96	02	0	976	87	0	0	9	0	0	75	85	— 3	+ 2	5.6	+ 3.6	8.1	10
	Multan	000	0	0	8	03	97	02	0	910	85	0	0	9	0	0	76	84	+ 4	— 1	0.3	— 1.8	2.0	7
	Lalah	000	0	0	13	02	97	00	0	884	94	0	0	9	0	0	79	84		—	1.5	—	13.3	8
Bahawalpur	Khanpur	000	0	0	20	13	94	07	0	911	84	0	0	9	0	0	73	80	+ 4	— 3	3.3	+ 1.1	4.3	6
	Bahawalpur	003	0	4	23	02	97	00	0	972	85	5	0	9	2	0	73	70	+ 5	— 13	2.4	+ 0.2	3.1	6
	Fort Abbas	000	0	0	18	02	98	00	0	935	86	0	0	9	0	0	76	83	—	—	0.1	—	0.4	8
Peshawar	Chakdara	003	0	3	26	02	97	00	0	888	85	0	0	9	0	0	77	80	—	—	3.0	—	12.2	—
	Peshawar	000	0	8	36	07	96	06	0	911	86	7	4	9	5	1	xx	82	+ 2	+ 2	0.2	— 1.2	6.8	11
	Haripur	033	9	7	36	02	96	01	6	915	82	7	0	9	7	0	75	76	—	—	10.1	—	16.8	—
D. I. Khan	Bannu	000	0	0	01	00	99	00	0	903	93	0	0	9	0	0	73	87	—	—	0.6	—	3.6	11
	D. I. Khan	000	0	0	00	00	98	00	0	906	90	0	0	9	0	0	77	85	—	—	0.6	— 1.9	3.5	9
Quetta	Sibi	000	0	0	23	02	96	05	0	907	92	0	0	9	0	0	73	90	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	0	0	34	09	97	02	0	930	93	0	0	9	0	0	33	89	—	—	0	—	0.1	2
	Turbat	000	0	6	23	03	96	03	2	964	xx	0	0	9	7	0	xx	xx	×	—	1.8	—	4.6	—
	Iwani	000	8	5	23	07	97	03	0	965	84	4	6	4	0	0	78	81	—	—	1.2	—	1.9	5
	Pasni	00	3	8	25	09	95	02	2	967	82	8	2	7	0	0	77	80	+ 1	+ 2	0	— 0.6	0.2	6
Karachi Division	Ormara	000	0	8	25	16	94	02	2	965	83	9	2	5	x	x	80	81	—	—	1.0	+ 0.3	2.0	6
	Lasbela																							8
	Karachi (Manora)	000	0	8	25	16	96	02	2	970	79	8	6	4	x	x	72	77	— 1	— 3	3.0	— 0.5	3.0	8
	Karachi (Airport)	000	0	6	27	16	96	02	2	97	82	6	4	5	0	0	76	81	—	—	3.2	—	3.2	—
Hyderabad	Nagarparkar	000	0	3	27	24	97	00	0	951	84	5	3	7	0	0	78	69	—	—	4.0	—	4.0	—
	Umarkot	000	0	8	23	08	97	02	0	945	84	8	5	7	0	0	74	82	—	—	3.3	—	3.4	—
	Hyderabad	000	0	8	23	16	97	02	2	946	85	2	5	6	0	1	73	82	+ 1	+ 2	2.4	— 0.5	3.2	7
	Badin	000	0	8	23	05	97	01	1	961	83	0	0	9	8	1	76	81	0	0	2.3	— 1.6	2.9	9
Khairpur	Padidan	000	0	0	13	07	97	02	0	902	89	0	0	9	0	0	72	83	—	—	2.0	—	2.6	—
	Nawabshah	000	0	0	18	05	96	02	0	919	88	0	0	9	0	0	71	84	—	—	2.4	—	2.8	—
	Sukkur	00	0	0	20	03	97	02	0	905	86	0	0	9	0	0	74	83	—	—	2.4	—	0.9	4
	Kashmore	000	0	0	0	00	96	00	0	929	92	0	0	9	0	0	74	75	—	—	0.5	—	0.5	—
	Jacobabad	000	0	0	11	10	96	02	0	905	87	0	0	9	0	0	81	85	+ 4	+ 1	0.1	— 0.9	1.0	4
Junagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	×					20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							7
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	089	9	6	27	09	96	02	9	375	68	6	5	2	0	0	64	58	—	—	14.0	0.6	32.3	59
Peshawar	Drosh *	000	3	0	00	00	97	05	4	368	85	0	0	9	0	0	60	60	+ 5	— 13	1.9	—	13.9	18
	Cherat *	000	0	0	05	03	98	00	0	352	76	0	0	9	0	0	73	54		— 17	7.6	+ 3.0	31.8	19
	Kakul *	023	9	4	25	02	97	10	9	325	75	4	4	6	0	0	71	67	—	—	10.5	—	26.1	—
	Landikotal *	000	0	0	05	02	92	05	4	359	81	0	0	9	0	0	75	78	—	—	0.5	—	12.2	
	Parachinar *	000	0	0	00	00	99	00	0	361	76	0	0	9	0	0	56	71	+ 6	+ 5	5.3	—	18.9	29
D. I. Khan	Miranshah *	000	0	0	00	07	99	00	0	371	88	0	0	9	0	0	77	84	—	—	9.2	— 3.9	7.1	13
	Wana *	000	0	0	00	00	97	00	0	505	82	0	0	9	0	0	62	xx	—	—	—	—	—	11
Quetta	Fort Sandeman *	003	0	0	00	00	99	02	0	364	87	0	0	9	0	0	54	77	+ 5	+ 11	4.1	+ 1.7	8.8	11
	Hindubagh *	000	0	0	25	10	96	00	0	365	82	0	0	9	0	0	51	73	—	—	0.8	—	4.6	—
	Loralai *	000	0	8	27	02	99	00	0	361	79	0	0	9	1	2	56	68	—	—	1.1	—	5.2	9
	Harnai *	000	0	0	00	00	97	00	0	345	88	0	0	9	0	0	60	xx	—	—	3.2	0	6.3	14
	Quetta *	000	0	0	00	00	96	00	0	381	77	0	0	9	0	0	70	65	—	—	0	— 0.5	4.2	9
	Chaman *	000	0	0	13	05	98	00	0	371	86	0	0	9	0	0	39	76	— 1	+ 3	0	— 0.1	1.9	9
	Nushki *	000	0	0	00	00	96	05	0	422	93	0	0	9	0	0	56	84	—	—	0		1.6	—
	Dalbandin *	000	0	0	27	07	95	05	0	379	88	0	0	9	0	0	37	80	— 4	+ 2		— 0.1	4.1	4
Kalat	Kalat *	000	0	0	13	02	96	03	0	392	74	8	0	9	0	0	68	69	—	—	0.1	— 0.6	2.4	7
	Panjgur *	000	0	0	00	00	97	04	0	395	83	0	0	9	0	0	59	75	+ 1	— 2	0.3	—	1.3	8
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

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

[illegible]

FRIDAY THE 27th JULY, 1962

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_bL_bL_b$ GG	N dd ff	VV ww W	PPP TT	$N_hC_hh_hC_hT$	$D_hV_hn_hPP$	$S_nN_sC_sh_s$	$OE_sT_sT_sC_s$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Shamis	— — —									
Scotish Lion	— — —	53 124	759 00	3 24 10	98 0 12	085 82	x3 2 83	36 1 xx	xx x xx	xx x xx
Cleverny	— — —	53 226	681 06	7 26 24	97 0 22	081 82	78 3 xx	74 3 04	00 3 79	12 6 46
Caltex Rotterdom	— — —	53 254	573 06	0 31 14	98 0 20	010 93	00 9 00	76 4 02	00 2 82	13 1 22
Scotish Lion	— — —	53 248	578 12	2 09 08	98 0 28	958 91	00 9 06	—	00 3 84	13 0 21
Caltex Utrecht	— — —	53 235	673 12	8 26 26	97 0 23	941 63	77 3 29	74 7 09	05 1 78	12 6 46
	— — —	53 251	575 08	1 31 10	98 0 30	949 91	96 3 xx	—	00 3 82	—

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
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		At surface and Standard Isobaric Levels												
			HHHTTTTdTdTd								HHHTTT			
Bogra —														
Chittagong —														
Dacca —	00 00	—	—	—	136 225 212	—	306 152 122	439 090 050	579 505 999	756 552 998				
Jiwani —														
Karachi —	00 00	993 272 292	—	—	138 228 029	—	304 159 085	432 055 558	576 515 806	753 605 999	969 752	254 548	437 096	—
Lahore —	00 00	967 328 265	—	—	137 202 143	—	300 182 035	439 120 999	559 042 999	747 539 999	992 600	—	—	—
Multan —														
Peshawar —	00 00	949 298 228	—	—	132 219 162	—	296 020 620	421 532 999	561 648 999	738 730 999	935 820	—	—	—
Quetta —														

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra —													
Chittagong —													
Dacca —	00 00	900 252 245	800 195 172	—	—	—	—	—	—	—	800 195 172	—	—
Jiwani —													
Karachi —	00 00	900 252 215	800 225 078	—	—	—	—	—	—	—	800 225 078	—	—
Lahore —	00 00	900 326 163	800 252 102	—	—	—	—	—	—	—	800 252 102	—	—
Multan —													
Peshawar —	00 00	900 258 192	800 178 098	—	—	—	—	—	—	—	800 178 098	—	—
Quetta —													

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 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 —	17 12	17 20	18 20	19 16	19 12	—	—	—	—	10 11	—	—	—	—	—	17 09	17 17	17 04	—	—	—	—	—	—	—	—
Chaklala —	—	19 11	17 07	16 10	14 16	—	—	—	—	—	94 01	09 04	30 02	02 09	—	—	44 05	17 08	23 04	27 05	—	—	—	—	—	—
Ghor —	32 15	23 19	23 19	24 00	26 07	31 06	24 04	23 05	05 09	23 23	23 33	—	—	—	—	23 28	22 28	23 19	—	—	—	—	—	—	—	—
Chittagong —	17 26	17 30	18 27	—	—	—	—	—	—	13 14	12 19	18 16	24 3	—	—	—	—	—	—	—	—	—	—	—	—	—
Cox's Bazar —	No	—	Ascent	—	—	—	—	—	—	No	Ascent	—	—	—	—	24 07	25 14	26 13	—	—	—	—	—	—	—	—
Dacca —	14 10	16 13	17 15	19 13	—	—	—	—	—	No	Ascent	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dalbandin —	—	—	26 37	26 17	27 22	28 27	—	—	—	—	—	27 14	31 20	38 18	28 07	—	—	22 17	26 17	—	—	—	—	—	—	—
D. I. Khan —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Drosh —	—	—	—	—	22 06	21 09	21 07	27 03	36 13	—	—	—	33 01	28 01	24 01	—	—	—	—	05 06	36 09	02 17	03 21	01 23	36 29	—
Fort Sandeman —	—	—	—	29 03	25 05	28 02	22 10	28 20	—	—	—	—	05 03	23 12	33 10	—	—	—	26 01	28 07	31 21	28 16	23 12	22 15	28 26	27 16
Jacobabad —	12 12	10 08	07 08	35 09	35 05	36 19	35 27	33 29	—	11 10	21 09	30 12	30 17	29 10	08 08	12 09	09 07	04 05	04 05	33 07	31 10	33 09	31 09	22 19	30 05	05 08
Jacobabad —	16 14	17 10	19 10	—	—	—	—	—	—	29 13	30 15	29 14	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jaisorre —	15 08	16 09	16 07	17 04	32 06	—	—	—	—	12 14	14 17	15 12	23 04	32 11	33 12	15 07	15 07	25 03	25 03	31 03	31 10	32 06	37 08	31 12	—	—
Jhelum —	21 12	21 09	24 08	30 10	32 14	33 19	34 21	33 19	06 07	23 17	28 25	29 26	30 29	33 18	34 16	21 09	21 06	—	—	—	—	—	—	—	—	—
Jiwani —	25 37	25 38	—	—	—	—	—	—	—	—	—	—	—	—	—	25 23	26 27	—	—	—	—	—	—	—	—	—
Karachi —	19 06	19 07	19 09	18 11	17 14	18 08	23 04	23 10	29 05	19 15	20 21	21 24	23 19	25 13	27 08	20 13	20 20	21 23	—	—	—	—	—	—	—	—
Khanpur —	16 08	17 10	18 09	19 08	25 08	33 07	31 10	31 17	33 26	15 07	18 09	20 07	06 04	30 17	30 06	25 04	27 05	28 06	28 07	31 06	23 19	—	—	—	—	—
Lahore —	20 10	18 10	19 10	21 12	20 12	27 14	30 10	31 10	34 24	20 13	21 25	22 32	—	—	—	19 10	20 07	20 04	21 05	18 03	29 07	32 09	—	—	—	—
Multan —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Muscat —	—	—	—	31 07	31 07	31 09	29 04	36 04	09 06	—	—	—	31 15	31 12	32 19	—	—	—	34 10	33 14	30 20	33 33	—	—	—	—
Panjgur —	—	04 09	07 09	16 09	31 08	25 09	24 10	25 16	—	—	33 05	03 06	08 13	—	—	—	01 06	01 05	21 02	28 01	33 06	32 09	34 14	16 06	13 36	14 07
Peshawar —	—	—	—	—	29 05	11 05	16 03	19 01	19 03	—	—	—	—	31 03	32 06	—	—	—	—	31 03	31 04	—	31 13	30 17	29 26	03 23
Quetta —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah —	09 03	19 05	18 15	19 21	—	—	—	—	—	10 07	14 21	—	—	—	—	17 06	17 13	—	16 16	15 15	13 12	—	—	—	—	—
Sylhet —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Varanasi —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	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 —	13 14	16 05	25 03	27 04	19 04	03 05	05 09	04 09	12 06									
Karachi —	26 36	27 39	28 40	28 37	31 28	28 16	29 06	28 05	24 08	31 10	30 28	07 30	09 36	08 39	03 39	08 34	—	—
Peshawar —	—	34 09	34 09	22 05	30 07	32 15	32 13	28 09	31 19	31 19	31 36	33 07	—	—	—	—	—	—
Quetta —																		

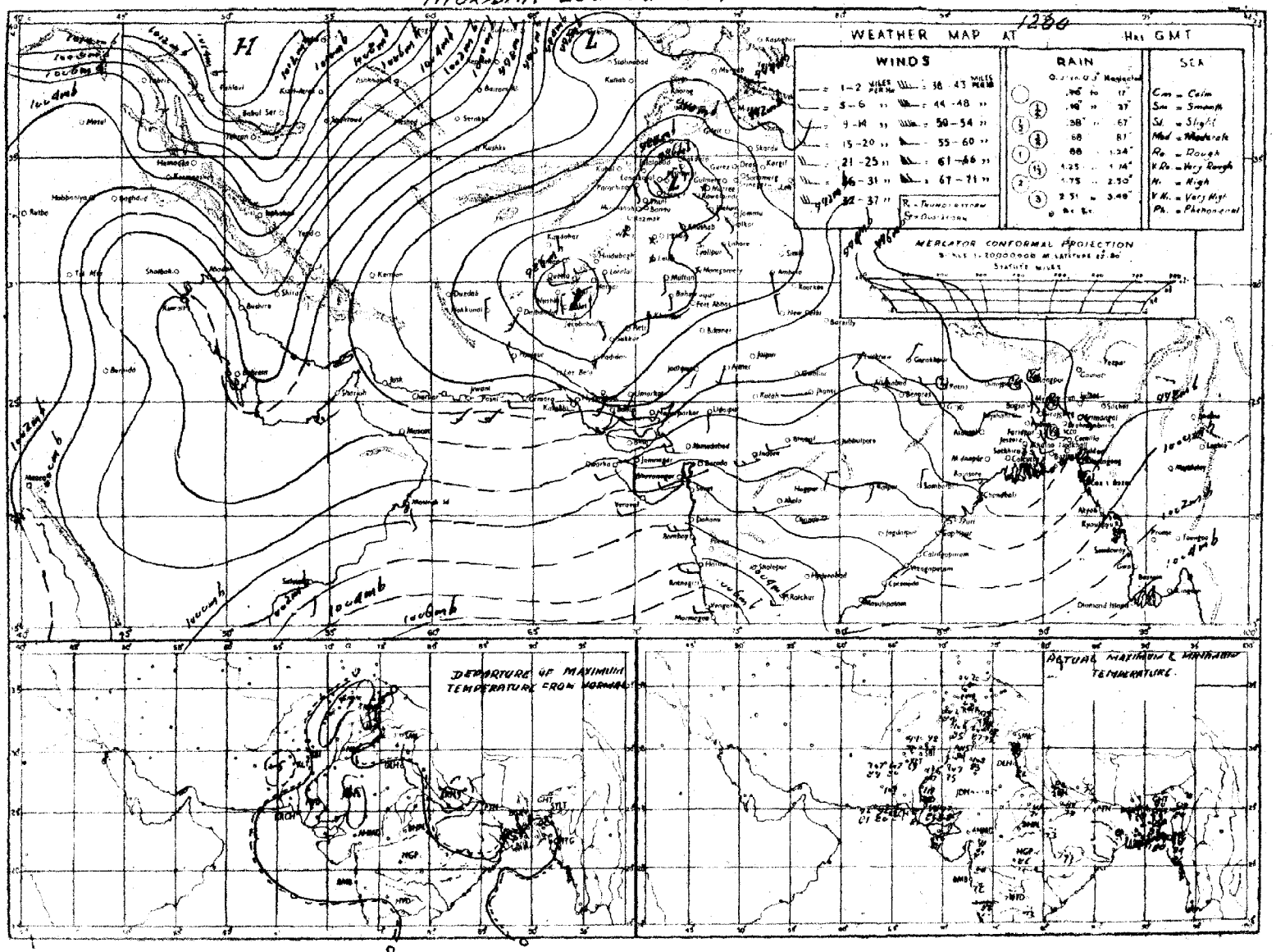
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

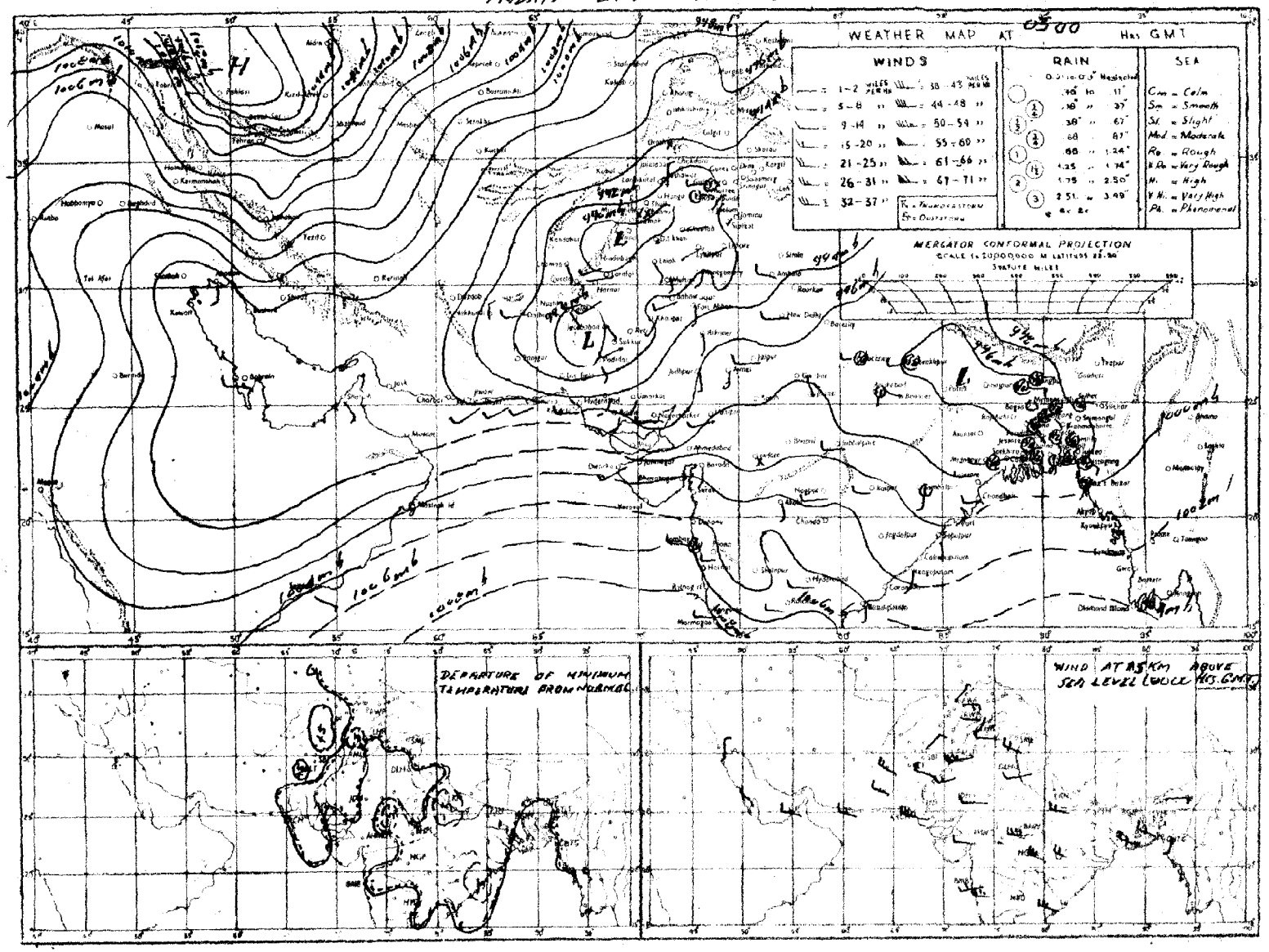
THURSDAY, 26th JULY. 1962.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY, 27th JULY, 1962.



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

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Reg. No. S-1457
Volume No. 16

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 28th JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

The monsoon trough of low continues to run across East Punjab (India) to Khulna division.

Rain/thundershowers have been widespread in Chittagong, Dacca and Khulna divisions and fairly widespread in Rajshahi division. Locally heavy falls have also occurred in Chittagong and Dacca divisions.

Yesterday's trough over D. I. Khan division is today moving across Lahore division. It has caused local rain/thundershowers in Rawalpindi and Peshawar divisions.

Chief amounts of rainfall are:— Maijdee Court 5", Comilla 4", Narayanganj 3", Sylhet, Dacca, Sirajganj and Rawalpindi 2" each, Cox's Bazar, Mymensingh, Bogra and Haripur 1½" each, Chittagong, Faridpur, Barisal, Satkhira and Kakul 1" each, Brahmanbaria and Murree 3/4" each, Srimangal, Khulna and Jessore ½" each and Rangamati 1/4".

Day temperatures were 3—6 °F (2—3 °C) above normal in Peshawar, D. I. Khan and Bahawalpur divisions.

Forecast valid until the evening of 29th July, 1962 :—Fairly widespread rain/thundershowers will occur in East Pakistan and scattered in Rawalpindi, Lahore, Peshawar and Sargodha divisions.

Karachi-11
The 28th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
for Director, Meteorological Service.

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	Rangamati	011	5	7	18	13	96	68	6	977	81	1	6	4	1	x	77	88
	Cox's Bazar	000	9	8	23	11	97	51	6	971	79	4	6	4	2	x	79	81
	Chittagong	015	7	8	16	13	96	60	6	972	79	8	7	5	x	x	76	83
	Maijdee Court	000	9	8	18	09	96	03	2	954	83	2	2	5	2	0	81	87
	Comilla	000	0	8	00	00	96	03	2	929	85	8	4	5	x	x	79	88
	Brahmanbaria	000	0	5	18	08	97	03	1	947	84	5	5	5	0	0	78	88
	Sylhet	023	6	7	13	13	96	95	9	956	87	5	9	5	2	1	80	88
	Srimangal	030	0	6	00	00	95	01	6	950	83	0	0	5	3	0	81	90
Dacca	Mymensingh	012	3	4	00	00	97	02	6	944	85	0	0	5	0	4	81	87
	Narayanganj	186	8	7	18	02	96	02	9	943	xx	3	4	3	0	8	79	85
	Dacca (Tezgaon)	094	6	6	23	02	97	02	9	937	83	5	3	4	0	3	79	83
	Faridpur	063	6	8	00	00	96	02	6	931	81	7	4	5	1	0	80	85
Khulna	Barisal	025	9	4	18	02	97	03	6	953	85	4	9	6	4	0	81	88
	Khulna	020	3	7	18	03	97	03	6	958	82	7	5	4	0	0	81	84
	Satkhira	079	0	8	06	00	95	61	6	975	78	8	7	4	x	x	77	84
	Jessore	090	4	8	18	02	96	08	6	974	86	8	6	3	x	x	81	87
Rajshahi	Pabna	011	7	8	00	00	96	60	6	936	83	8	0	9	9	x	81	87
	Sirajganj	040	9	8	00	00	98	02	6	934	85	8	1	5	8	4	81	87
	Bogra	007	4	5	00	00	96	02	6	938	84	2	5	5	0	1	81	88
	Dinajpur	002	6	7	00	00	96	03	6	937	84	3	2	6	2	x	71	91
	Rangpur	000	8	4	00	00	96	01	2	940	88	4	4	6	0	0	81	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	5	23	03	96	02	0	913	97	2	3	6	0	6	80	98
	Sialkot	000	0	3	09	05	97	01	2	991	93	3	4	6	x	x	77	94
Rawalpindi	Jhelum	000	8	2	13	05	95	05	1	911	94	2	1	7		0	69	95
	Rawalpindi	000	0	0	09	02	96	05	0	904	93	0	0	9		0	79	95
	Campbellpur	000	0	3	23	03	97	03	1	870	01	0	0	8		1	74	02
Sargodha	Khushab	000	0	0	18	19	96	05	4	897	02	0	0	0	0	0	86	03
	Lyallpur	000	0	0	16	02	97	00	0	905	00	0	0	9	0	0	77	xx
Multan	Montgomery	000	0	0	00	00	96	02	0	899	00	0	0	9	0	0	73	00
	Multan	000	0	0	18	02	97	02	0	901	09	0	0	9	0	0	69	04
	Leiah	000	0	0	18	03	97	08	0	879	02	0	0	9	0	0	70	10
Bahawalpur	Khanpur	000	0	0	25	05	95	08	0	889	05	0	0	9	0	0	70	06
	Bahawalpur	000	0	3	23	01	97	00	0	859	99	0	2	0	0	1	78	00
	Fort Abbas	000	0	0	23	02	98	00	0	906	06	0	0	9	0	0	75	07
Peshawar	Chakdara	000	0	0	36	03	97	00	0	842	15	0	0	9	0	0	77	96
	Peshawar	000	0	3	36	07	96	06	1	175	00	1	3	6	3	0	78	02
	Haripur	000	0	0	18	01	95	05	4	889	95	0	0	9	0	0	76	96
D. I. Khan	Bannu	000	0	0	16	02	99	00	0	866	05	0	0	9	0	0	76	06
	D. I. Khan	000	0	0	00	00	98	00	0	863	93	0	0	9	0	0	63	01
Quetta	Sibi	000	0	0	18	02	96	05	0	884	10	0	0	9	0	0	67	11
Kalat	Nokkundi	000	0	0	34	19	96	07	0	970	09	0	0	9	0	0	30	10
	Turbat	000	0	0	33	06	96	02	0	948	07	0	0	9	0	0	69	16
	Jiwani	000	0	0	23	19	97	03	0	945	07	0	0	9	0	0	78	93
	Pasni	000	0	0	20	21	95	02	1	948	07	4	4	7	3	0	77	09
Karachi Division	Ormara	000	0	4	27	14	94	03	2	752	87	4	7	6	0	0	77	89
	Lasbela	000	0	4	00	00	98	04	0	694	98	4	0	9	4	0	83	62
	Karachi (Manora)	000	0	7	25	14	94	03	2	961	84	7	4	4	0	0	77	87
	Karachi (Airport)	000	0	7	25	16	94	02	2	961	84	6	3	5	3	0	75	86
Hyderabad	Nagarparkar	000	0	3	27	04	97	00	0	932	91	0	2	7	0	0	57	93
	Umerkot	000	0	8	23	10	98	02	0	933	92	8	5	7	0	0	72	96
	Hyderabad	000	0	0	23	21	98	06	1	931	90	0	0	9	0	0	73	94
	Badin	000	0	0	23	05	97	00	0	977	92	0	0	9	0	1	73	93
Khairpur	Padidan	000	0	0	18	10	97	02	0	883	09	0	0	9	0		63	11
	Nawabshah	000	0	0	18	14	95	05	0	901	00	0	0	9	0	0	74	06
	Sukkur	000	3	4	20	02	95	03	1	879	08	0	0	9	0	8	73	09
	Kashmore	000	0	0	00	00	98	00	3	943	xx	0	0	9	0	0	82	05
	Jacobabad	000	0	0	13	05	96	06	4	879	10	0	0	9	0	0	85	11
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gulmarg **	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	3	13	12	90	01	0	816	78	0	0	9	4	0	31	81
	Aliabad *																	
	Gilgit *	000	0	0	00	00	99	00	0	363	97	0	0	9	0	0	64	05
Rawalpindi	Murree *	004	7	8	31	03	96	03	6	377	73	8	5	2	x	x	69	74
Peshawar	Drosh *	000	8	2	33	10	97	05	4	325	99	1	3	7	6	0	51	03
	Cherat *	000	0	1	03	11	98	00	0	343	87	0	0	9	0	0	73	91
	Kakul *	006	7	4	16	09	96	05	6	374	84	4	3	6	0	0	73	87
	Landikotal *	000	2	2	13	05	92	05	9	380	92	2	3	7	0	0	78	99
	Parachinar *	000	0	5	13	02	99	03	0	372	88	5	1	9	1	0	61	90
D. I. Khan	Miranshah *	000	0	0	03	05	99	00	0	309	00	0	0	0	0	0	98	01
	Wana *	000	0	0	13	02	99	00	0	509	93	0	0	9	0	0	65	97
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	350	03	0	0	9	0	0	34	05
	Hindubagh *	000	0	0	15	17	96	00	0	332	95	0	0	9	0	0	55	97
	Loralai *	000	0	4	11	03	99	01	1	353	96	0	0	9	1	2	49	99
	Harnai *	000	0	0	13	05	97	00	0	347	03	0	0	9	0	0	56	04
	Quetta *	000	0	0	37	03	96	00	0	350	96	0	0	9	0	0	65	96
	Chaman *	000	0	0	23	05	98	00	0	346	98	0	0	9	0	0	36	00
	Nushki *	000	9	0	27	09	97	05	4	394	04	0	0	9	0	0	41	05
	Dalbandin *	000	7	0	23	14	94	01	3	374	04	0	0	9	0	0	35	07
Kalat	Kalat *	000	0	0	21	03	96	00	0	367	89	0	0	9	0	0	84	90
	Panjgur *	000	0	0	31	03	96	02	0	380	02	0	0	9	0	0	53	04
Afghanistan	Kabul *																	
	Kandhar *																	

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: Maximum Temperature TxTx	Departure: Minimum Temperature TnTn	Rainfall: Since 1st June 1962 to date	Rainfall: Departure from normal	Rainfall: Since 1st January, 1962 to date	Rainfall: Annual Normal
2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Rangamati	021	9	7	18	09	98	05	6	000	83	5	8	6	2	x	77	73	—	—		—		—
Cox's Bazar	143	8	7	18	03	97	20	6	995	80	4	8	5	7	0	75	xx	— 4	—	67.8	+ 6.8	50.6	140
Chittagong	121	9	5	13	05	97	02	6	993	81	4	4	6	8	0	77	77	— 3	0				108
Maijdee Court	515	2	8	13	05	96	02	6	993	80	6	8	5	3	x	79	77	+ 2	— 1	39.6	— 1.4	59.1	119
Comilla	359	3	8	18	04	97	02	6	969	80	8	4	4	x	x	79	78	+ 1	+ 1	37.8	+ 5.3	49.0	94
Brahmanbaria	075	0	6	18	05	97	21	1	986	81	6	5	5	0	0	80	78	—	—	49.5	—	76.7	79
Sylhet	232	9	8	09	05	96	51	9	993	80	7	8	4	2	x	79	77	—	—				—
Srimangal	042	0	8	18	07	96	02	2	981	84	0	0	5	4	0	76	78	0	+ 2	35.7	+ 4.3	263	98
Mymensingh	147	2	8	00	00	95	03	6	981	81	8	5	3	8	0	80	76	0	— 2	29.9	— 2.3	348	91
Narayanganj	276	6	8	23	02	96	50	6	968	xx	5	4	2	6	5	78	xx	— 3	—	23.3	— 0.8	40.4	74
Dacca (Tezgaon)	228	9	8	23	02	97	02	9	978	81	4	4	4	7	x	80	78	—	—	20.3		35.4	—
Faridpur	113	0	8	16	02	96	02	6	996	81	4	5	5	1	0	80	78	— 2	— 1				75
Barisal	110	4	8	18	02	96	03	6	985	82	4	4	6	4	8	81	78	+ 1	0	24.5	— 5.3	40.9	81
Khulna	060	6	7	00	00	97	03	6	984	80	7	6	5	0	0	80	78	— 3	0	21.0	— 4.5	20.6	68
Satkhira	096	1	8	00	03	96	03	6	991	81	6	7	4	2	x	80	77	— 4	1	24.1	— 0.4	31.3	68
Jessore	057	0	8	18	02	96	03	2	972	88	8	4	5	x	x	80	80	—	—	15.3	— 7.8	25.6	65
Pabna	015	9	8	00	00	97	03	6	974	81	8	7	6	x	x	80	79	—	—	23.9	—	42.9	89
Sirajganj	210	3	8	23	02	97	50	5	971	80	8	7	5	6	0	80	78	0	— 1	21.3	— 1.5	33.4	64
Bogra	159	9	8	18	03	96	51	6	966	81	6	7	4	2	2	80	78	1	— 1	22.9	— 1.4	35.9	68
Dinajpur	616	9	7	09	02	96	03	2	971	83	7	2	7	2	0	79	78	+ 1	— 1	14.4	— 13.3	21.6	72
Rangpur	000	0	7	09	02	96	01	2	977	82	7	5	6	0	0	79	80	— 1	+ 2	30.7	— 1.8	48.9	84
Jammu																							—
Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	934	89	0	0	9	0	0	80	85	— 1	+ 6	6.4	— 0.2	12.2	19
Sialkot	000	0	0	00	00	97	07	1	934	86	0	0	9	0	0	73	79	— 2	8	4.9	— 5.0	44.2	32
Jhelum	002	6	3	27	03	97	21	5	934	83	1	5	7	1	1	74	77	—	—	8.3	—	14.4	—
Rawalpindi	190	5	0	05	03	97	05	9	934	79	8	0	9	0	0	73	71	— 1	— 6	4.7	— 4.7	18.5	36
Campbellpur	000	0	1	00	00	98	01	1	934	91	1	1	8	1	0	72	78	—	—	4.2		4.5	—
Khushab	000	0	7	07	09	96	06	2	913	90	7	0	9	1	0	82	85	+ 1	+ 3	1.1	— 3.8	4.3	15
Lyallpur	000	0	0	25	02	96	00	0	940	89	0	0	9	0	0	77	86	—	+ 4	3.1	— 0.7	4.8	13
Montgomery	000	0	0	23	02	96	02	0	934	87	0	0	9	0	0	75	85	— 3	+ 2	5.4	+ 3.6	8.1	48
Multan	000	0	0	18	03	96	02	0	932	85	0	0	9	0	0	73	80	+ 3	— 5	0.1	— 1.9	2.8	7
Leiah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					8
Khanpur	000	0	0	23	10	94	07	0	929	83	0	0	9	0	0	74	80	+ 3	— 3	3.3	+ 1.2	4.3	6
Bahawalpur	000	0	0	18	01	98	00	0	981	88	0	0	9	0	0	75	88	— 2	+ 5	2.4	0	2.1	6
Fort Abbas	000	0	0	20	02	98	0	0	950	85	0	0	9	0	0	75	82	—	—	0.1	—	0.4	8
Chakdara	000	0	4	36	01	97	01	2	919	79	4	0	9	3	0	73	72	—	—	3.0	—	13.2	—
Peshawar	000	7	3	31	03	97	01	9	945	83	1	0	9	3	1	69	80	+ 1	0	0.2	— 1.2	6.8	11
Haripur	135	5	3	05	01	97	03	6	941	81	3	0	9	0	5	73	72	—		11.5	—	18.2	—
Bannu	000	0	0	00	00	99	00	2	923	92	0	0	9	0	9	75	89	—	—	0.6	—	3.6	11
D. I. Khan	000	0	0	05	02	98	00	0	928	91	0	0	9	0	0	80	86	—	—	0.6	— 3.0	3.5	9
Sibi	000	0	0	18	02	96	05	0	920	91	0	0	9	0	0	71	90	—	—	2.6	—	3.7	5
Nokkundi	000	2	0	34	31	95	07	0	941	08	0	0	9	0	0	39	87	—	—	0	—	0.1	3
Turbat	000	0	0	23	02	95	06	0	961	94	0	0	9	0	0	xx	xx	—	—	1.8	—	4.6	2
Jiwani	000	0	8	16	05	97	02	2	973	82	8	6	4	0	0	76	80	—	—	1.2		1.9	5
Pasni	003	7	8	25	09	95	03	3	978	89	8	4	7	0	0	76	80	— 2	+ 2	0	— 0.6	0.2	6
Ormara	000	0	8	27	16	94	03	1	975	83	8	3	5	0	0	79	81	—	—	1.0	+ 0.3	2.0	6
Lasbela	000	0	3	13	02	97	03	0	937	84	3	3	8	3	0	83	49	—	—				8
Karachi (Manora)	000	0	8	25	14	96	22	2	970	81	8	4	4	0	0	74	79	0	1	3.0	— 0.7	3.0	8
Karachi (Airport)	003	0	7	25	16	96	02	2	978	82	7	6	5	0	0	76	80	—	—	3.3	—	3.3	—
Nagarparkar	000	0	6	27	03	97	00	0	962	83	0	6	7	0	0	74	69	—	—	4.0	—	4.0	—
Umerkot	000	0	8	23	08	97	02	0	xxx	xx	x	x	x	x	x	73	81	—	—	3.3	—	3.4	—
Hyderabad	0-0	0	5	23	16	97	02	2	947	84	5	5	6	0	0	73	81	— 3	+ 1	2.4	— 0.6	3.3	7
Badin	000	0	0	23	05	97	00	0	971	83	0	0	9	0	0	73	81	0	0	3.1	— 1.6	3.0	9
Padidan	000	0	0	13	07	97	02	0	918	86	0	0	9	0	0	71	83	—	—	2.0	—	2.6	—
Nawabshah	000	0	0	18	05	95	05	0	928	86	0	0	9	0	0	72	83	—	—	2.4	—	2.8	—
Sukkur	000	9	0	20	05	97	02	0	929	85	0	0	9	0	0	77	82	—	—	0.9	—	0.9	4
Kashmore	000	0	0	00	00	99	00	0	925	90	0	0	9	0	0	76	75	—	—	0.5	—	0.5	—
Jacobabad	000	0	0	09	07	96	02	0	923	89	0	0	9	0	0	79	84	+ 4	0	0.1	— 1.0	1.0	4
Veraval																							30
Jalalabad																							
Muscat																							4
Kuwait																							5
HILL STATIONS																							
Srinagar *	xxx	x	2	14	01	97	01	1	392	73	0	0	9	0	9	64	68		—				26
Gulmarg **	xxx	x	3	05	04	98	02	0	056	64	2	5	6	4	0	54	52		—				—
Sonamarg **																							71
Dras **																							24
Leh **																							3
Skardu *																							6
Misgar **	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					—
Aliabad *																							—
Gilgit *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					5
Murree *	077	9	2	37	02	97	01	7	394	68	8	9	9	8	0	58	58	—	—	14.8	— 0.3	33.1	80
Drosh *	006	9	0	00	00	97	05	9	381	83	0	8	9	0	0	61	77	+ 6	+ 4	2.9	—	13.9	18
Cherat *	000	0	0	13	05	98	00	0	342	76	0	0	9	0	0	73	30	+ 3	— 21	7.6	+ 3.0	31.8	29
Kakul *	096	9	6	27	03	97	01	9	392	75	6	4	6	0	0	69	65	—	—	10.5	—	27.1	—
Landikotal *	000	0	0	00	00	94	05	4	376	79	0	2	9	0	0	69	73	—	—	0.5	—	12.2	—
Parachinar *	000	0	6	00	00	98	03	9	372	71	6	1	8	1	0	66	71	+ 4	+ 6	5.3	—	18.9	29
Miranshah *	000	0	6	00	03	99	02	3	375	85	6	4	8	0	0	78	80	—	—	0.2	— 1.9	2.1	13
Wana *	000	0	0	00	00	98	00	0	517	81	0	0	9	0	0	88	78	—	—	—	—	—	11
Fort Sandeman *	000	0	0	00	00	99	02	0	390	67	0	0	9	0	0	68	80	+ 6	+ 14	4.1	+ 1.6	0.8	11
Hindubagh *	000	0	0	25	12	96	00	0	365	81	0	0	9	0	0	56	74	—	—	0.8	—	4.6	—
Loralai *	000	0	6	29	03	99	02	2	371	78	0	0	9	1	2	56	67	—	—	1.1	—	5.2	9
Harnai *	000	0	0	00	00	97	00	0	358	88	0	0	9	0	0	60	83	—	—	3.2	— 0.2	6.3	14
Quetta *	000	0	0	00	00	96	00	0	379	78	0	0	9	0	0	58	67	—	—	0	— 0.5	4.2	9
Chaman *	000	0	0	13	05	98	00	0	374	84	0	0	9	0	0	35	80	0	+ 5	0	— 0.1	1.3	8
Nushki *	000	9	0	00	00	95	05	4	408	88	0	0	9	0	0	38	85	—	—	0	—	1.8	—
Dalbandin *	000	0	0	18	05	94	05	0	384	89	0	0	9	0	0	35	83	— 2	+ 5	0	— 0.1	1.1	4
Kalat *	000	0	0	18	03	98	03	0	398	78	0	0	9	0	0	73	62	— 1	+ 1	0.1	— 0.6	2.2	7
Panjgur *	000	0	0	00	00	93	06	4	404	88	0	0	9	0	0	54	81	+ 1	+ 6	0.3	—	1.3	8
Kabul *																							12
Kandhar *																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or 888 see the summary above for the actual amounts of rainfall.

PAKISTAN INDIAN WEATHER REPORT

SATURDAY THE 28th JULY, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_bL_bL_b$ GG	N dd ff	VV ww W	PPP TT	$N_hC_hh_hC_mC_L$	D_VD_a a PP	8 $N_ch_ch_c$	$OT_bT_bT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Yelnam	— — —	— — —	09 177	992 00	019 81	83 8 xx	66 4 00	—	—	—
Caltex Mardaur	— — —	— — —	63 213	566 06	022 76	31 5 99	—	—	00 5 00	12 5 23
Veltsami	— — —	— — —	63 193	665 06	050 82	82 8 38	66 4 00	—	—	—
British Sailor	— — —	— — —	63 247	580 06	973 93	00 9 00	36 4 00	—	00 5 00	13 0 20
Shunkokumaru	— — —	— — —	63 154	737 12	060 65	55 5 20	64 6 01	—	00 3 00	—
Caltex Rotterdam	— — —	— — —	63 201	590 12	002 76	00 9 01	—	—	00 5 23	12 0 23
British Sailor	— — —	— — —	63 395	591 12	956 94	00 9 01	36 6 01	—	00 5 00	12 5 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
			HHHTTTTdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	—													
Chittagong	—													
Dacca	—	00 00	MISDA											
Kurmi	—													
Karachi	—	00 00	994 272 242	005 xxx xxx	490 556 992	—	300 163 995	434 050 990	581 510 992	786 610 999	820 752	252 962	490 890	694 096
Lahore	—	00 00	968 318 262	—	435 559 992	—	306 168 992	435 062 995	582 312 992	786 615 999	967 718	—	—	—
Multan	—													
Peshawar	—	00 00	952 272 198	—	131 225 995	—	304 110 990	427 010 990	570 61xx62x	739 700 990	947 612	—	—	—
Quetta	—	00 00	880 223 012	—	—	—	307 170 990	437 038 995	589 10x00x	772 060 990	997 600	—	—	—

STATION	Time of ascent in G.M.T.	At Significant Levels: PPPTTTTdTdTd								Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st.HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—
Kurmi													
Karachi	00 00	900 198 172	—	—	—	—	—	—	—	—	900 198 172	—	—
Lahore	00 00	800 288 245	800 232 222	—	—	—	—	—	—	—	800 232 222	—	—
Multan													
Peshawar	00 00	900 249 232	—	—	—	—	—	—	—	—	800 190 990	—	—
Quetta	00 00	793 500 xxx	—	—	—	—	—	—	—	—	793 500 xxx	—	—

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 (height)—Tens of geopotential metres.

TT—Dry Bulb temperatures in °C.

50 has been added on 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	10 09	18 08	14 06	13 05	10 05	02 05	06 06	10 12	11 02	No	Ascent	—	—	—	—	17 08	17 08	—	—	—	—	—	—	—	—	—
Chittagong	—	19 09	15 17	17 09	22 09	30 12	30 18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dacca	23 19	24 23	24 15	27 10	27 11	27 08	—	—	—	23 22	24 31	25 29	—	—	—	23 28	23 30	23 35	—	—	—	—	—	—	—	—
Chittagong	14 23	—	—	—	—	—	—	—	—	17 15	18 17	19 15	19 14	19 17	19 11	17 12	17 13	16 13	16 13	—	—	—	—	—	—	—
Cox's Bazar	No	—	Ascent	—	—	—	—	—	—	19 09	23 08	—	—	—	—	16 12	14 19	—	—	—	—	—	—	—	—	—
Dacca	23 08	24 07	24 05	25 06	xx xx	xx xx	17 12	17 13	17 21	23 07	25 07	27 06	28 03	—	—	12 14	17 13	17 12	—	—	—	—	—	—	—	—
Chittagong	—	—	23 17	23 08	24 07	29 11	29 05	—	—	—	—	25 15	28 12	32 38	28 02	—	—	25 16	34 26	34 39	—	—	—	—	—	—
D.I. Khan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	22 13	19 37	02 13	33 11	34 15	—	—	—	14 01	21 02	29 02	—	—	—	34 03	02 07	33 07	—	—	—	—	—
Port Saadanna	—	—	—	17 04	17 17	18 19	26 10	29 17	30 20	—	—	—	03 07	34 05	29 27	—	—	—	02 10	36 12	36 06	19 08	24 05	29 10	09 03	04 05
Jacobabad	16 09	17 07	17 05	09 04	23 04	28 04	26 15	31 11	30 06	11 13	15 13	23 12	27 09	31 06	30 12	13 08	12 09	08 10	—	—	—	—	—	—	—	—
Jessore	—	—	—	—	—	—	—	—	—	31 07	31 08	29 07	—	—	—	18 02	21 03	27 03	27 07	—	—	—	—	—	—	—
Balam	13 07	13 10	14 12	25 04	16 07	—	—	—	—	04 04	30 02	24 02	31 06	32 10	29 15	19 01	21 02	28 03	33 04	31 10	31 14	30 15	30 20	31 21	—	—
Jiwani	22 13	23 10	23 04	32 07	33 16	32 19	30 18	29 09	20 03	20 12	—	—	—	—	—	17 04	18 06	34 10	—	—	—	—	—	—	—	—
Karachi	24 44	26 18	29 06	—	—	—	—	—	—	—	—	—	—	—	—	25 23	26 22	27 20	—	—	—	—	—	—	—	—
Khanpur	20 05	23 05	23 06	21 10	21 10	20 12	02 04	36 07	32 10	21 19	23 22	22 28	25 14	27 13	04 08	19 08	25 09	30 08	34 05	35 06	36 07	18 09	25 06	24 09	—	—
Lahore	17 04	15 05	15 05	20 07	24 08	29 11	—	—	—	14 07	15 09	18 07	25 04	23 13	33 06	28 05	27 03	26 04	22 05	33 03	33 05	30 04	—	—	—	—
Multan	19 09	17 10	16 16	17 12	20 06	27 09	29 13	—	—	20 20	22 17	31 05	32 07	31 08	—	19 11	18 09	17 05	15 02	14 02	36 06	21 19	26 18	29 21	—	—
Muscat	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	30 09	28 10	22 05	16 01	19 07	—	—	—	—	31 16	—	—	—	—	—	33 07	—	—	—	—	—	—	—
Peshawar	—	02 11	05 07	20 08	36 08	02 13	—	—	—	—	20 xx	30 01	26 05	27 09	—	—	28 04	11 05	30 09	29 30	29 13	26 20	27 31	27 34	22 42	28 43
Quetta	—	—	—	—	27 08	23 05	17 09	—	—	—	—	—	—	37 03	26 02	—	—	—	—	26 03	30 07	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sylhet	30 02	22 02	23 11	17 07	15 11	15 16	—	—	—	No	Ascent	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vishval	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

*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 38	27 39	29 36	29 39	29 43	29 30	24 03	33 08	40 10	11 19	10 29	09 22	08 30	09 26	11 33	09 33	08 40	10 37
Peshawar	—	03 07	31 06	27 35	29 07	31 07	32 15	39 15	33 17	31 27	31 41	—	—	—	—	—	—	—
Quetta	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

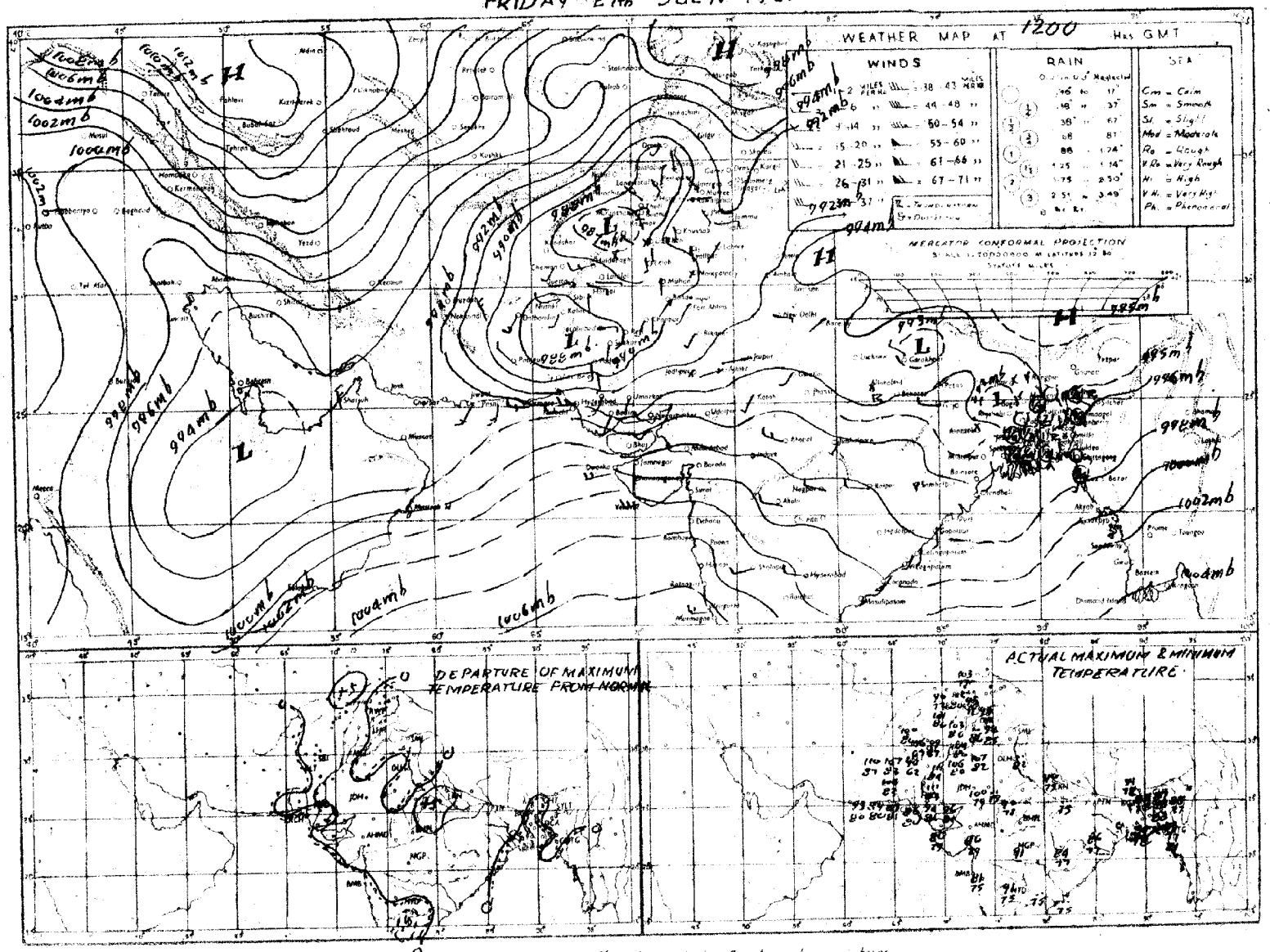
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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 Centre I, Air Port, KARACHI—11

PAKISTAN DAILY WEATHER MAP

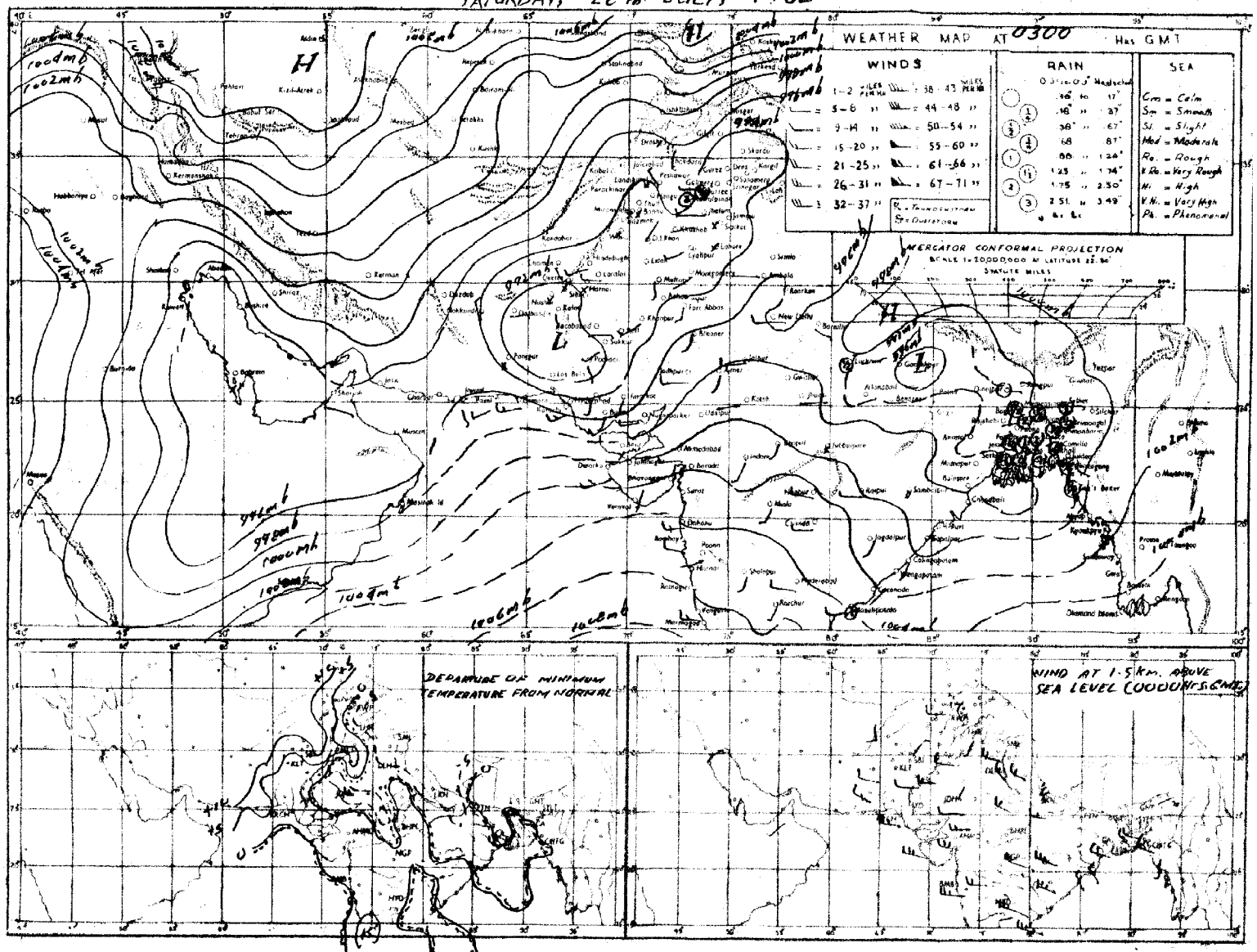
FRIDAY 27th JULY 1962.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY, 28th JULY, 1962



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

Monthly Subscription

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1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

SUNDAY THE 29th JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

The axis of monsoon trough continues to run from East Punjab (India) to Khulna division.
Rainfall has been fairly widespread in Dacca division and local elsewhere in East Pakistan.
The trough of low over Lahore division moved away eastwards.
A secondary western disturbance, that approached Rawalpindi division and adjoining areas last evening, is also moving away eastwards across Kashmir.
A westerly low pressure wave lies over Afghanistan and Quetta division.
Rain/thundershowers have been local in Lahore and Peshawar divisions and scattered in Rawalpindi division. A few duststorms have also been reported from Sargodha, Peshawar and D. I. Khan divisions and dust/thunderstorms from Quetta division.
Chief amounts of rainfall are :—Sialkot 3" ; Bogra 2" ; Sirajganj 1¼" ; Sylhet 1" ; Dacca and Pabna 3/4" each ; Chittagong, Maijdee Court, Mymensingh, Narayanganj, Barisal, Murree, Drosh and Kakul 1/2" each and Srimangal 1/4".
Day temperatures were 3—5 °F (2—3 °C) above normal in Lahore, Peshawar, D. I. Khan and Bahawalpur divisions.
Forecast valid until the evening of 30th July, 1962 : —Rain/thundershowers will be fairly widespread in East Pakistan; local in Rawalpindi, Lahore, Sargodha, Multan divisions and Kashmir and scattered in Peshawar division. A few dust/thunderstorms are also likely to occur in D. I. Khan, Quetta and Bahawalpur divisions.
Heavy rainfall warning :—Moderate to heavy rain will fall at a few places in Lahore and Rawalpindi divisions and in Kashmir during next 24 hours.

Karachi-11
The 29th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
for Director, Meteorological Service.

		AT 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																	Departure from Normal of		Rainfall			
DIVISIONS	STATIONS	Rainfall in Cents 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	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	Maximum Temperature TxTx	Minimum Temperature TnTn	Since 1st June 1962 to date	Departure from normal	Since 1st January, 1962 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	003	9	7	18	02	98	06	2	990	83	4	8	6	9	x	78	91	000	0	6	13	02	98	05	1	032	87	2	2	6	7	x	29	79	—	—	—	—	—	—
	Cox's Bazar	005	4	7	23	19	97	02	6	976	89	5	4	5	x	x	77	94	005	1	8	18	13	97	21	5	017	81	6	5	8	2	x	7P	79	+ 9	+ 2	69.9	+ 5.5	88.7	140
	Chittagong	041	2	8	18	09	96	60	6	978	81	8	7	5	x	x	79	86	062	9	5	16	06	97	02	6	016	84	3	4	6	1	1	77	78	0	+ 1	—	—	[illegible]	100
	Maijdee Court	000	9	8	13	05	96	03	2	974	84	4	2	5	2	1	78	86	C60	9	4	16	09	97	10	6	018	83	2	2	5	2	0	69	78	0	0	40.2	0	59.2	119
	Comilla	000	0	8	18	05	96	02	2	983	85	8	4	5	x	x	79	88	00C	0	8	18	09	97	02	2	021	87	8	4	5	x	x	78	79	+ 1	+ 2	37.8	+ 4.5	49.0	94
	Brahmanbaria	000	0	4	13	09	97	05	1	971	85	2	5	5	6	2	79	87	000	0	4	13	05	97	03	1	023	85	4	5	5	0	0	78	79	—	—		—		78
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1C8	x	7	xx	xx	96	02	6	025	84	3	5	6	7	2	78	78			50.6	—	77.8	—
	Srimangal	020	4	5	18	05	96	01	6	963	86	0	0	6	8	0	79	80	030	3	8	13	03	96	02	2	018	86	0	0	6	0	0	77	79	0	+ 3	36.0	+ 4.1	26.4	99
Dacca	Mymensingh	036	4	8	13	02	96	21	6	968	82	8	7	4	x	x	81	85	056	9	6	13	02	97	02	6	024	83	6	4	4	0	0	79	78	— 2	0	30.4	— 2.2	35.3	91
	Narayanganj	000	9	7	18	03	96	03	1	965	86	2	4	3	0	8	79	88	C43	9	8	13	03	97	02	6	017	83	8	1	3	x	x	79	79	0	0	23.8	— 0.8	40.8	74
	Dacca (Tejgaon)	000	5	5	18	09	97	01	6	961	85	2	4	3	2	4	78	88	C80	9	8	18	02	97	61	6	012	79	7	7	3	2	x	78	77	—	—	21.1	—	35.9	—
	Faridpur	000	4	7	16	05	96	02	2	941	85	3	4	6	1	0	79	87	064	0	7	16	02	97	02	6	005	85	6	5	6	1	0	79	78	0	— 1	—	—	—	71
Khulna	Barisal	035	4	6	13	02	96	02	6	969	85	6	0	9	4	0	79	86	063	1	8	00	00	96	60	6	020	80	8	6	6	0	0	75	78	— 1	0	25.1	— 5.2	41.5	81
	Khulna	000	0	7	00	00	97	02	2	970	84	7	5	5	0	0	81	87	CC0	0	6	00	00	97	03	2	014	85	5	5	5	0	0	81	80	0	+ 2	21.0	— 4.6	28.6	88
	Satkhira	000	0	6	00	00	97	03	2	984	85	4	4	6	2	0	80	90	010	1	7	00	00	97	03	6	C20	87	8	4	4	2	0	74	79	+ 2	+ 1	34.2	— 0.7	34.4	85
	Jessore	000	0	4	13	03	97	02	2	973	87	2	4	6	6	0	81	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					65
Rajshahi	Pabna	004	9	7	23	05	98	01	6	967	81	6	7	6	3	0	80	88	C80	9	7	13	05	99	01	6	006	85	4	3	7	3	2	79	79	—	—	24.7	—	43.0	59
	Sirajganj	005	6	7	00	00	98	02	5	960	84	7	0	9	4	0	80	85	132	6	8	13	02	97	02	2	C13	83	8	1	6	2	0	74	78	— 2	— 1	21.6	— 0.6	34.8	64
	Bogra	004	3	7	13	02	96	03	6	955	85	4	5	4	7	0	81	85	236	7	7	13	03	96	C2	6	014	C4	7	4	5	0	0	80	79	— 4	— 1	25.2	+ 0.4	37.8	69
	Dinajpur	000	9	7	00	00	96	02	2	957	86	2	5	6	2	9	80	89	CC6	9	6	00	00	96	02	2	007	85	6	0	9	0	0	79	78	— 1	— 1	14.5	— 3.7	34.7	72
	Rangpur	000	9	6	05	05	96	03	2	953	86	5	5	6	3	0	77	89	C00	0	5	11	02	96	01	2	021	73	5	0	4	2	0	79	70	— 1	— 8	30.7	— 7.2	48.9	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	1	23	02	95	05	0	909	9x	1	7	7	0	0	79	00	000	0	0	05	05	95	05	0	976	64	0	0	9	0	0	76	83	+ 1	+ 4	6.4	— 0.3	12.8	19
	Sialkot	000	1	2	00	00	97	01	5	913	96	2	2	6	0	0	81	02	255	0	0	00	00	58	00	0	985	81	0	0	9	0	0	76	74	+ 6	— 5	7.4	— 2.7	13.9	32
Rawalpindi	Jhelum	000	3	4	00	C0	96	02	1	911	01	2	5	7	1	0	76	02	0C0	0	0	16	03	57	02	5	984	E5	0	0	9	0	0	72	79	—	—	8.3	—	14.4	
	Rawalpindi	000	0	3	13	02	97	05	4	917	94	3	0	9	4	0	78	96	000	0	0	09	07	97	C5	4	973	87	0	0	9	0	C	73	78	0	+ 1	4.8	— 5.0	16.4	36
	Campbellpur	000	0	8	16	02	97	08	1	888	98	2	2	8	1	1	69	00	000	0	2	13	02	97	01	2	958	87	7	1	8	1	1	74	81	—	—	4.2	—	4.5	—
Sargodha	Khushab	000	0	0	15	05	97	05	4	912	62	0	0	9	0	0	85	03	00?	0	7	07	16	96	C2	3	973	90	7	0	9	3	0	83	79	+ 1	— 3	1.1	— 4.0	6.1	15
	Lyallpur	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	CC0	0	5	16	02	56	02	2	967	90	0	0	9	0	4	78	87		+ 5	3.1	— 0.8	6.8	17
Multan	Montgomery	000	0	0	00	00	96	02	0	916	59	0	0	9	0	0	77	00	000	0	0	20	03	96	02	0	982	89	0	0	9	0	0	84	85	— 3	+ 2	5.6	+ 2.4	8.1	10
	Multan	000	0	0	18	03	96	02	0	907	02	0	0	9	0	0	70	03	000	0	0	31	03	96	06	0	971	87	0	0	9	0	0	75	85	+ 2	0	0.3	— 2.0	2.0	7
	Leiah	000	0	0	18	01	97	00	0	869	00	0	0	9	0	0	71	05	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—	—					8
Bahawalpur	Khanpur	000	0	0	00	00	95	C5	0	905	05	0	0	9	0	0	71	06	000	0	0	23	07	95	05	0	975	84	0	0	9	0	0	73	80	+ 3	— 3	3.3	+ 0.9	4.3	6
	Bahawalpur	000	0	0	00	00	98	00	0	C60	05	0	0	9	0	0	76	06	000	0	0	13	02	97	00	0	984	85	0	0	9	0	0	76	71	+ 4	— 17	2.4	— 0.1	3.1	6
	Fort Abbas	000	0	0	18	02	98	00	0	935	03	0	0	9	0	0	75	05	000	0	0	18	02	98	00	0	992	88	0	0	9	0	0	75	74	—	—	0.1	—	0.4	8
Peshawar	Chakdara	000	0	0	36	03	97	00	0	882	54	0	0	9	0	0	75	95	C00	0	0	36	02	98	00	0	968	81	0	0	9	0	0	69	76	—	—	3.0	—	12.2	—
	Peshawar	000	0	4	16	05	96	06	0	899	98	6	9	6	3	0	74	xx	000	9	0	00	00	96	06	9	969	87	0	0	9	0	0	72	82	xx	+ 2	0.2	— 1.3	6.8	11
	Haripur	000	3	3	13	03	96	03	1	907	94	3	1	6	0	0	78	96	000	4	4	31	02	97	03	2	933	82	4	0	9	3	0	72	74	—	—	11.5	—	18.2	—
D. I. Khan	Bannu	000	2	6	16	03	90	92	2	909	92	0	0	9	0	3	46	84	000	2	0	00	00	99	10	2	964	92	0	0	9	0	0	72	89	—	—	0.6	—	3.6	11
	D. I. Khan	000	0	0	18	02	98	00	0	916	00	0	0	9	0	0	45	05	000	2	0	C5	20	18	02	1	968	87	0	0	9	0	6	75	84	—		0.6	— 3.1	3.5	9
Quetta	Sibi	000	0	0	13	02	96	95	0	932	C8	0	0	9	0	0	74	69	000	0	0	23	C2	96	05	0	966	93	0	0	9	0	0	79	90	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	9	8	34	35	95	07	3	903	03	0	0	9	0	0	42	04	000	0	0	34	19	96	07	0	982	86	0	0	9	0	0	45	76	—	—	0	—	0.1	2
	Turbat	000	0	8	38	05	97	02	1	928	02	8	0	9	2	0	77	07	000	0	8	23	03	97	02	0	988	84	8	0	9	2	0	78	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	7	18	09	86	03	2	952	05	7	6	5	0	0	75	07	000	0	6	13	03	56	05	2	000	81	6	6	4	0	0	76	80	—	—	1.2	—	1.8	5
	Pasni	000	6	8	30	12	95	05	2	950	86	8	4	7	0	0	77	88	000	3	8	25	09	95	43	2	000	83	8	4	7	0	0	76	80	— 3	+ 2	0	— 0.7	0.2	6
Karachi Division	Ormara	000	0	0	25	16	54	03	2	953	86	8	1	6	1	5	79	87	0C0	0	0	24	09	54	03	2	895	82	8	3	6	1	8	79	81	—	—	1.0	+ 0.3	2.0	6
	Lasbela	000	0	3	00	00	97	03	0	983	96	3	0	8	3	0	82	C0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...	—					0
	Karachi (Manora)	000	0	8	15	16	96	03	2	962	84	8	6	4	1	x	78	86	000	0	8	25	16	96	01	2	993	80	8	6	4	0	0	74	83	— 1	— 2	3.0	— 0.8	3.0	8
	Karachi (Airport)	000	0	7	23	16	96	01	3	963	85	7	6	3		0	76	95	000	0	8	15	05	96	02	2	994	81	7	6	5	3	x	77	80	—	—	3.2	—	3.2	—
Hyderabad	Nagarparkar	000	0	2	27	03	97	00	0	939	93	8	2	7	0	0	82	94	000	0	5	27	02	97	00	0	981	88	9	6	7	0	0	75	KP	—	—	4.0	—	4.0	—
	Umerkot	000	0	8	13	08	98	03	0	939	92	8	8	7	0	0	72	96	000	0	8	23	03	96	02	0	987	83	8	5	7	0	0	74	81	—	—	3.3	—	3.4	—
	Hyderabad	000	0	6	23	17	96	C6	2	939	89	0	0	9	0	1	73	94	000	0	8	23	13	97	02	3	977	84	3	5	6	0	0	74	82	— 3	— 2	2.4	— 0.7	3.2	7
	Badin	000	0	8	33	05	97	00	0	975	98	0	0	9	0	4	76	94	000	0	8	23	05	97	02	1	C04	87	8	0	8	0	0	73	80	+ 1	— 1	2.3	— 1.6	2.8	9
Khairpur	Padidan	000	0	0	18	03	57	C2	0	855	09	0	0	9	0	0	68	10	000	0	0	13	07	97	02	0	963	85	0	0	9	0	0	75	82	—	—	2.0	—	2.6	—
	Nawabshah	000	0	0	18	14	95	05	0	914	02	0	0	9	0	0	72	06	000	0	0	18	10	96	C5	0	970	86	0	0	9	0	0	74	83	—	—	2.4	—	2.8	4
	Sukkur	000	0	0	16	02	96	02	0	898	05	0	0	9	0	0	75	06	000	0	0	16	05	57	02	0	967	84	0	0	9	0	0	75	82	—	—	0.9	—	0.9	—
	Kashmore	000	0	0	00	00	99	00	0	892	xx	0	0	9	0	0	81	xx	000	0	0	09	00	99	00	0	934	91	0	0	9	0	0	75	74	—	—	0.5	—	0.5	4
	Jacobabad	000	0	0	13	05	96	05	0	896	04	0	0	9	0	0	88	09	000	0	6	11	09	96	03	0	965	86	0	0	9	0	0	82	85	— 2	+ 1	0.2	— 1.0	1.0	20
Junagadh	Varaval																																								
Afghanistan	Jalalabad																																								
Arabia	Muscat																																								4
	Kowait																																								5
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								—
	Sonamarg **																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu *	001	2	7	08	10	95	50	9	344	70	6	7	4	2	0	54	77	...	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					6
	Misgar **																																								—
	Allabad *																																								—
	Gilgit *	000	0	6	00	00	58	01	1	4C7	88	6	5	0	0	0	71	90	...	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					5
Rawalpindi	Murree *	000	5	8	09	C2	95	03	4	389	73	8	5	2	[illegible]	[illegible]	67	75	148	9	6	27	05	97	02	9	430	67	4	5	3	5	0	59	57	—	—	15.3	— 0.3	33.6	50
Peshawar	Drosh *	0C0	8	1	23	07	57	05	4	342	97	1	1	7	0	0	43	01	000	7	7	00	00	97	12	9	432	72	3	5	7	5	0	58	65	+ 4	— 8	2.6	—	14.5	18
	Cherat *	000	0	0	31	15	98	00	0	363	88	0	0	9	0	0	77	90	0C0	0	0	C5	09	58	00	0	362	77	0	0	9	0	0	65	53	— 11	— 18	7.6	— 2.9	31.8	29
	Kakul *	000	2	2	23	C4	97	C1	1	384	85	2	4	6	0	0	72	86	067	9	1	18	07	98	04	9	434	74	1	4	6	0	0	62	65	—	—	12.1	—	27.7	—
	Landikotal *	0C0	0	3	13	08	93	05	4	361	51	3	5	7	0	0	74	58	000	0	1	00	00	97	05	4	413	83	1	1	7	0	0	67	76	—	—	0.5	—	12.2	—
	Parachinar *	000	0	6	13	02	98	08	3	355	05	6	6	8	8	0	69	89	CC0	0	6	00	C0	58	03	2	412	72	6	1	8	1	0	6	60	+ 3	+ 2	5.3	—	18.9	29
D. I. Khan	Miranshah *	000	0	4	04	05	99	02	3	375	95	4	4	8	2	0	88	00	0C0	0	0	C0	0	99	C0	0	405	15	0	0	9	0	0	72	81	—	—	0.2	— 2.0	2.1	13
	Wana *	—	...	—	...	...	...	...	—	—	...	—	...	...	...	...	—	—	0C0	0	0	00	C0	98	C0	0	509	79	0	0	9	0	0	63	75	—	—	—	—	—	11
Quetta	Fort Sandeman *	000	0	5	07	04	99	C3	3	347	85	5	0	8	3	0	64	C2	000	0	0	00	C0	97	05	3	427	01	0	0	8	0	0	66	78	+ 3	+ 12	4.1	+ 1.5	8.8	11
	Hindubagh *	000	0	0	00	00	96	00	0	330	95	0	0	9	0	0	69	97	000	0	0	25	14	95	00	0	371	81	0	0	9	0	0	58	75	—	—	0.8	—	4.6	—
	Loralai *	000	0	7	16	05	98	02	2	349	95	0	4	8	2	1	51	99	0C0	0	7	C0	00	98	02	2	403	82	0	4	8	2	1	69	71	—	—	1.1	—	5.2	9
	Harnai *	000	0	0	00	C0	97	0	0	356	96	0	0	5	0	0	67	01	000	0	0	13	05	96	00	0	396	86	0	0	9	0	0	69	84	—	—	3.2	— 0.4	6.3	14
	Quetta *	000	0	0	31	03	96	00	0	365	92	0	0	9	0	0	60	96	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—		0			9
	Chaman *	000	0	0	18	07	98	00	0	349	00	0	0	9	0	0	35	01	00C	0	0	16	07	97	C6	0	401	83	0	0	9	0	0	40	78	+ 1	+ 3	0	— 0.1	1.8	8
	Nushki *	000	9	0	18	05	95	05	4	409	C1	0	0	9	0	0	53	03	000	9	0	18	05	95	05	4	416	89	0	0	9	0	0	50	86	—	—	0	—	1.8	—
	Dalbandin *	000	3	0	20	12	93	05	4	365	04	0	0	9	0	0	41	07	000	9	0	23	07	93	05	4	432	86	0	0	9	0	0	47	82	— 2	+ 4	0	— 0.1	7.2	4
Kalat	Kalat *	000	0	0	23	08	95	C0	0	375	66	0	0	9	0	0	82	89	C00	0	8	23	02	98	03	0	426	75	0	0	8	3	2	71	60	— 2	— 1	0.1	— 0.7	2.1	7
	Panjgur *	0C0	0	9	34	09	93	06	4	393	00	9	1	9	0	0	46	03	000	0	0	00	00	96	02	4	420	88	0	0	9	0	0	58	86	0	+ 9	0.3	—	1.3	5
Afghanistan	Kabul *																																								12
	Kandhar *																																								

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 29th JULY, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_1L_1L_1$	$L_1L_1L_1$ GG	N dd ff	VV ww W	PPP TT	$N_hC_hhC_mC_L$	D_sV_s s PP	$S_nC_nS_nS_n$	$OR_1L_1T_1L_1$	$Id_ed_sP_sH_s$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Shami	— — —	72 121	750 00	3 24 30	96 0 52	085 82	x8 3 83	36 1 44	—	00 4 76	12 4 33
Australia	— — —	73 085	707 00	0 98 25	97 0 21	0[illegible] 79	00 9 00	44 4 10	—	06 4 23	12 8 45
Tobruro	— — —	73 065	646 00	0 17 16	98 0 20	120 81	00 9 00	63 6 20	—	08 1 76	12 6 43
Vietnam	— — —	72 163	616 00	8 31 27	97 0 33	133 79	00 xxx	66 4 13	—	—	—
Caltex Rotterdam	— — —	73 173	564 06	9 21 22	97 0 30	025 76	00 9 04	—	—	00 7 72	—
Caltex Rotterdam	— — —	78 168	555 12	8 24 20	98 0 21	099 27	05 9 44	—	—	00 9 72	12 3 46
Tobruks	— — —	73 067	621 18	2 25 20	98 5 10	130 82	33 8 00	73 1 18	—	00 0 72	—
Saudi	— — —	73 187	645 18	6 24 25	97 0 22	146 81	6x x xx	62 1 12	—	05 4 76	12 4 47
Ishtalobchi	— — —	73 194	593 19	2 22 19	98 0 13	016 72	26 4 00	—	—	08 1 75	13 2 13
City of Swansea	— — —	73 190	702 18	8 25 21	98 0 22	07 79	07 9 90	64 7 02	—	05 2 75	14 9 33

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb HHHTTTTdTd	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra —														
Chittagong —														
Dacca —														
Bombay —														
Karachi —	00 00	996 272 242	513 xxx xxx	—	840 235 088	—	306 142 995	434 055 992	580 950 990	748 628 995	986 765	335 980	420 138	—
Lahore —	00 00	973 315 273	538 xxx xxx	—	840 262 192	—	311 162 122	440 086 992	587 630 990	762 595 995	—	—	—	—
Multan —														
Peshawar —	00 00	957 198 232	—	—	840 235 995	—	304 030 992	426 578 999	565 652 995	—		—	—	—
Quetta —														

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTTdTdTd								Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra —													
Chittagong —													
Dacca —													
Bombay —													
Karachi —	00 00	910 235 205	800 200 990	—	—	—	—	—	—	—	800 200 990	—	—
Lahore —	00 00	900 290 239	800 230 170	—	—	—	—	—	—	—	800 239 170	—	—
Multan —													
Peshawar —	00 00	900 278 995	800 160 990	413 715 995	—	—	—	—	—	—	413.715 995	—	—
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 temperature in °C.
50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 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 —	26 10	15 12	15 09	—	—	—	—	—	—	—	—	—	—	—	—	12 08	12 11	13 12	32 13	32 13	—	—	—	—	—	—
Chaldola —	—	—	—	—	—	—	—	—	—	—	12 07	11 07	12 01	31 08	33 06	—	15 94	15 05	96 03	23 07	29 10	—	—	—	—	—
Chhor —	—	—	—	—	—	—	—	—	—	22 21	23 26	24 27	—	—	—	24 23	22 23	—	—	—	—	—	—	—	—	—
Chittagong —	18 15	17 15	17 16	—	—	—	—	—	—	14 19	xx xx	16 19	—	—	—	17 19	17 22	16 26	15 27	—	—	—	—	—	—	—
Cox's Bazar —	16 19	16 21	—	—	—	—	—	—	—	16 25	16 21	17 20	—	—	—	17 22	19 28	—	—	—	—	—	—	—	—	—
Dacca —	17 19	17 18	16 19	xx xx	16 15	17 17	13 12	11 13	—	—	—	—	—	—	—	13 15	12 13	15 13	16 18	17 00	—	—	—	—	—	—
Dalbandin —	—	—	22 18	—	—	—	—	—	—	—	—	28 07	23 06	27 09	—	—	—	25 11	25 05	29 10	26 11	—	—	—	—	—
D.I. Khan —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dhaka —	—	—	—	—	22 13	20 15	25 23	—	—	—	—	—	34 01	30 04	26 08	—	—	—	—	06 01	17 01	31 06	32 05	—	—	—
Fort Sandeman —	—	—	—	10 25	10 25	21 06	—	—	—	—	—	—	08 07	21 15	28 26	—	—	—	00 00	33 01	30 18	—	—	—	—	—
Jacobabad —	14 13	13 10	12 09	08 06	05 07	36 08	28 13	26 14	27 12	18 08	18 11	21 10	26 06	28 05	33 07	13 10	13 07	09 04	12 04	34 09	33 07	—	—	—	—	—
Jessore —	18 07	16 10	16 10	—	—	—	—	—	—	18 03	08 01	08 01	02 02	09 03	—	10 06	14 06	12 06	—	—	—	—	—	—	—	—
Jhelum —	18 01	17 03	16 03	15 07	12 03	34 06	31 08	28 29	30 34	04 04	14 04	26 04	32 06	29 11	31 18	11 04	12 06	16 07	29 04	35 04	34 09	—	—	—	—	—
Jiwani —	18 10	21 10	—	—	—	—	—	—	—	16 01	12 03	31 08	—	—	—	15 12	11 09	—	—	—	—	—	—	—	—	—
Karachi —	24 28	25 27	—	—	—	—	—	—	—	—	—	—	—	—	—	25 19	27 27	—	—	—	—	—	—	—	—	—
Khanpur —	27 02	22 02	21 03	20 06	17 13	17 10	23 04	22 06	—	24 23	22 23	22 26	24 23	26 13	—	20 12	20 13	20 13	22 09	22 09	25 17	—	—	—	—	—
Lahore —	24 04	22 04	21 04	21 05	31 03	30 05	33 11	35 15	—	06 07	16 02	19 04	25 08	28 08	—	12 07	13 10	15 04	34 03	34 03	36 06	33 12	32 13	32 17	29 21	—
Multan —	11 09	18 12	18 13	19 07	27 06	18 04	25 15	28 29	30 34	21 23	23 25	23 22	—	—	—	22 15	21 13	20 09	15 09	09 06	24 04	02 19	29 09	26 10	—	—
Muscat —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Panjgur —	—	—	—	33 17	—	—	—	—	—	—	—	—	32 11	33 33	—	—	—	—	34 13	35 11	—	—	—	—	—	—
Peshawar —	—	18 30	18 31	14 18	12 10	19 13	—	—	—	—	35 11	33 11	33 06	27 07	25 06	—	06 08	09 07	10 02	04 03	31 08	29 12	29 13	—	—	—
Quetta —	—	—	—	—	28 08	29 11	—	—	—	—	—	—	—	32 01	23 04	—	—	—	—	30 05	31 08	—	—	—	—	—
Sharjah —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sylhet —	22 06	20 05	19 06	19 16	18 15	—	—	—	—	—	—	—	—	—	—	32 01	23 08	11 01	17 06	xxx xx	04 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 —																		
Karachi —	25 33	26 35	28 33	28 29	32 25	34 18	07 13	09 12	09 14	09 21	10 16	06 14	10 21	11 20	—	—	—	—
Peshawar —	—	36 04	36 04	26 05	29 08	30 11	30 11	30 14	30 16	29 19	—	—	—	—	—	—	—	—
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.

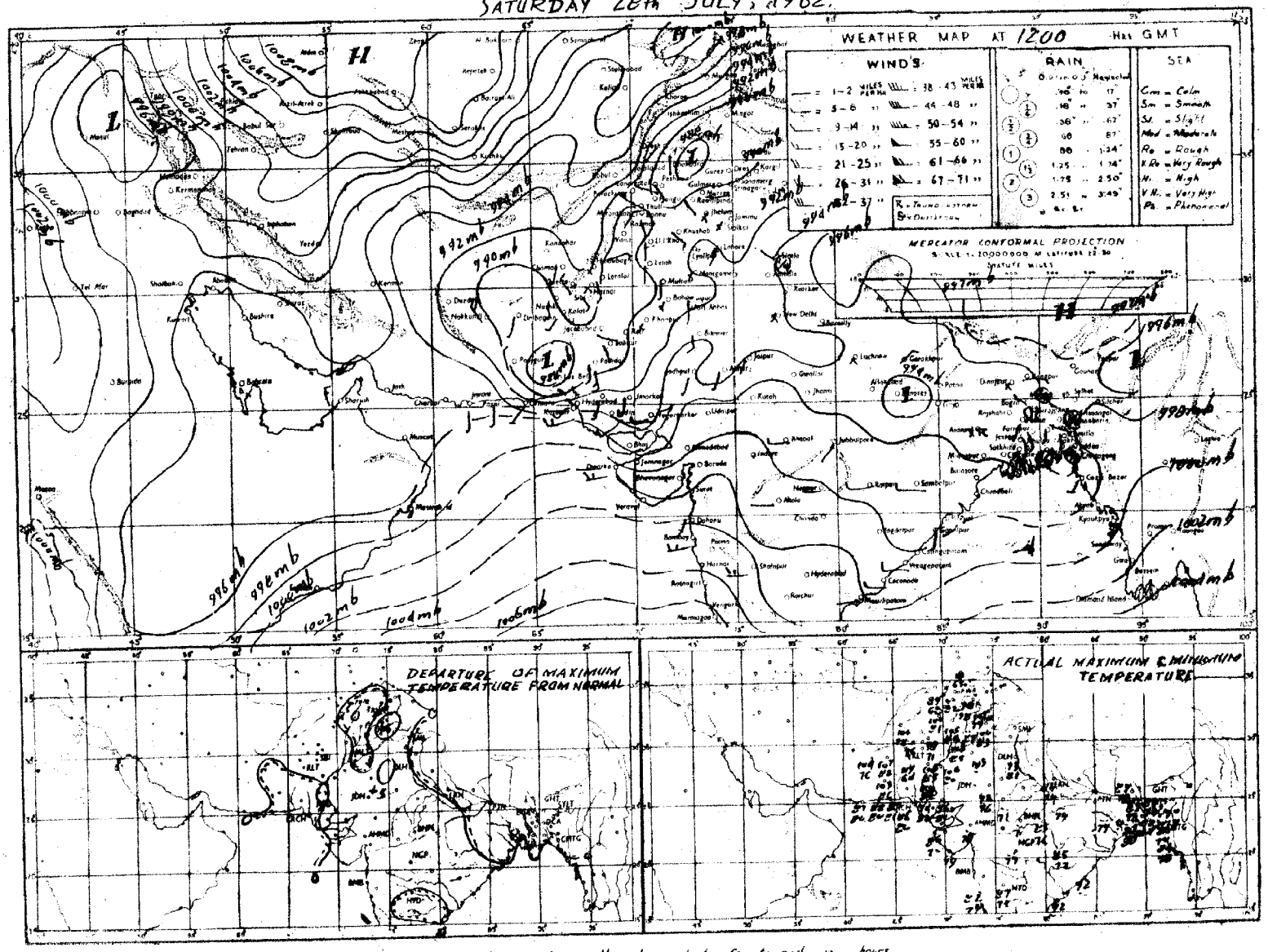
Cloud observation Data (GGiii Cdd V_rV_r etc.)

12 530 31 909

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

PAKISTAN DAILY WEATHER MAP

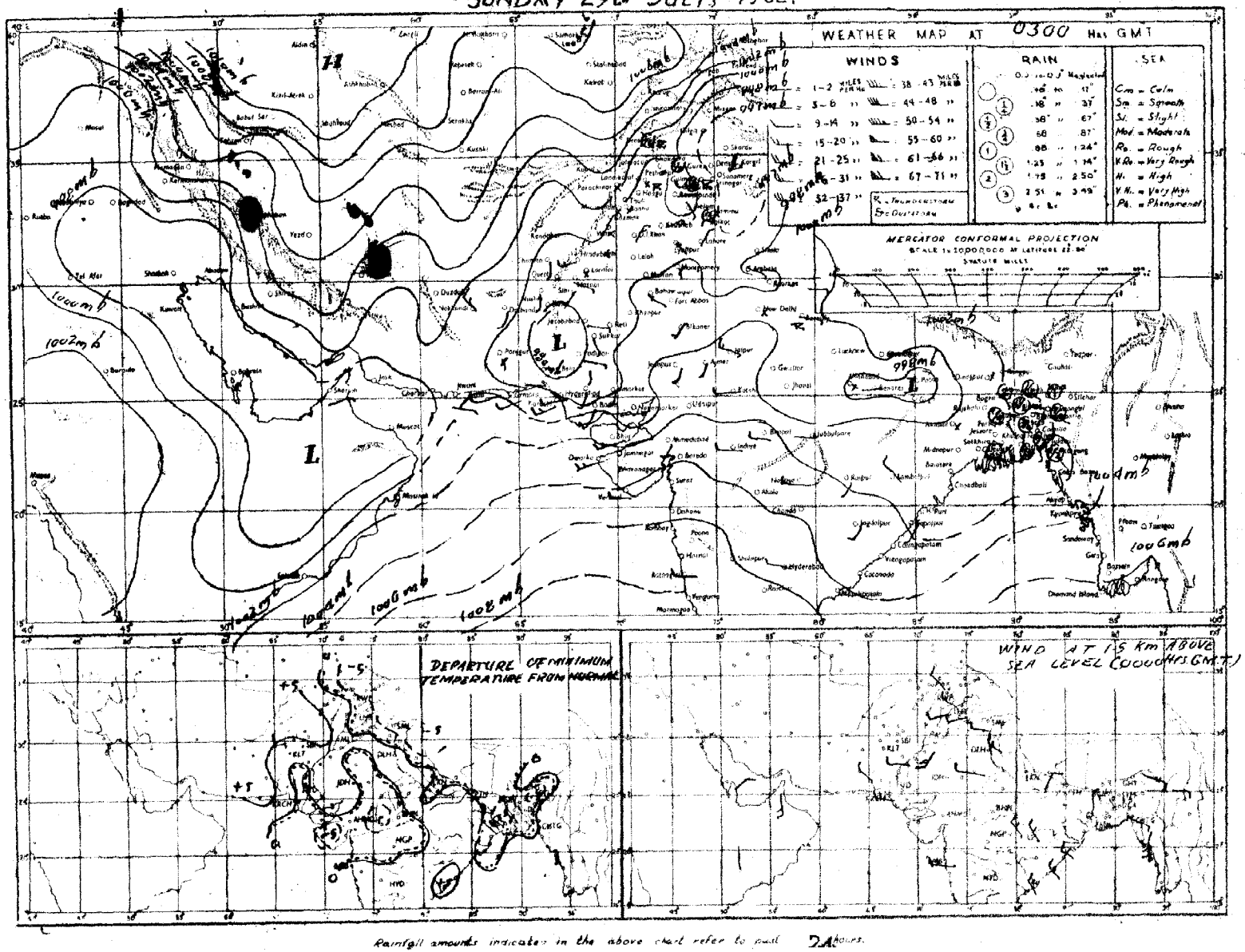
SATURDAY 28th JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 29th JULY, 1962.



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. 16

MONDAY THE 30th JULY, 1962.

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

Monsoon has slackened over East Pakistan.

Rainfall has been fairly widespread in Dacca and Khulna divisions and local elsewhere over East Pakistan.

The secondary western disturbance over Kashmir has moved away.

Yesterday's low pressure wave over Quetta division today lies over D. I. Khan division and adjoining areas.

Thunderstorms/showers have been scattered in Rawalpindi, Peshawar and Quetta divisions. A few duststorms have also occurred over D. I. Khan.

Chief amounts of rainfall are :—Satkhira 1¼"; Faridpur, Jessore and Campbellpur 1" each; Maijdee Court, Brahmanbaria and Sirajganj 3/4" each; Sylhet, Dacca and Barisal (upto 30,0000 GMT) 1/2" each and Cox's Bazar, Srimangal, Narayanganj, Pabna, Bogra and Fortsandeman 1/4" each.

Day temperatures were 3—5 °F (2—3 °C) above normal in Hyderabad, Khairpur and Quetta divisions and adjoining parts of Kalat division.

Forecast valid until the evening of 31st July, 1962 :—Rain/thundershowers will be local in East Pakistan, Rawalpindi division and in Kashmir and scattered in Lahore, Sargodha, Peshawar, D. I. Khan and Quetta divisions. A few dust/thunderstorms are also likely in Multan and Bahawalpur divisions.

Karachi-11
The 30th July, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	000	0	6	18	05	96	05	2	027	83	4	5	5	1	1	79	98
	Cox's Bazar	...								...	...							...
	Chittagong	000	0	0	13	13	97	05	1	018	xx	8	1	5	x	x	75	xx
	Maijdee Court	000	9	7	16	09	96	03	0	971	83	4	2	5	2	x	77	86
	Comilla	000	0	8	18	09	96	03	2	982	83	9	4	4	x	x	79	89
	Brahmanbaria	015	4	6	13	02	97	03	6	006	83	6	5	5	0	0	80	89
	Sylhet	000	0	7	00	00	96	03	2	989	93	8	6	0	1	0	73	xx
	Srimangal	023	7	8	00	00	95	50	6	001	80	8	7	0	0	0	79	92
Dacca	Mymensingh	000	0	8	13	02	97	72	1	006	89	8	7	4	x	x	80	89
	Narayanganj	000	9	8	13	07	96	02	2	996	85	3	4	2	7	x	78	90
	Dacca (Tezgaon)	001	9	7	12	09	97	02	6	997	85	6	8	5	3	1	78	89
	Faridpur	000	0	8	16	07	96	02	2	940	86	8	5	4	6	1	79	88
Khulna	Barisal	000	0	6	13	05	97	02	1	996	85	8	6	6	0	0	79	86
	Khulna	000	0	6	00	00	95	03	2	000	85	4	5	5	0	0	83	8x
	Satkhira	128	6	6	00	00	97	03	6	006	85	3	4	6	2	0	81	8x
	Jessore	945	1	8	18	02	96	00	2	995	83	8	8	5	x	x	84	xx
Rajshahi	Pabna	000	0	7	13	05	9	01	2	566	87	4	3	7	3	2	81	90
	Sirajganj	000	0	4	00	00	98	03	1	991	87	4	1	5	4	0	81	9
	Bogra	000	0	7	13	02	96	03	9	992	87	5	4	5	2	x	81	89
	Dinajpur	000	9	5	09	01	96	01	1	975	88	2	0	9	1	9	80	8x
	Rangpur	000	0	4	19	02	96	01	2	000	58	4	4	6	0	0	80	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	18	02	95	05	0	957	00	0	0	9	0	0	78	02
	Sialkot	000	0	0	00	00	97	00	0	955	96	0	0	9	0	0	81	97
Rawalpindi	Jhelum	000	3	2	27	02	97	03	1	947	00	1	1	7	3	0	73	..1
	Rawalpindi	000	0	6	02	03	96	05	4	953	93	4	5	7	4	0	79	97
	Campbellpur	000	0	7	33	03	97	02	1	918	99	2	2	7	7	2	73	00
Sargodha	Khushab	000	0	0	29	03	96	05	4	952	03	0	0	9	0	0	81	03
	Lyallpur	000	0	4	25	02	97	01	2	962	02	0	0	9	0	3	75	02
Multan	Montgomery	000	0	0	90	03	96	02	0	944	00	0	0	9	0	0	78	01
	Multan	000	0	0	18	02	97	06	0	907	02	0	0	9	0	0	74	03
	Leiah	000	0	0	06	03	97	00	0	889	00	0	0	9	0	0	71	06
Bahawalpur	Khanpur	000	0	0	18	07	95	05	0	948	00	0	0	9	0	0	67	03
	Bahawalpur	000	0	0	00	08	98	00	0	xxx	06	0	0	9	0	0	97	06
	Fort Abbas	000	0	0	18	02	98	00	0	956	03	0	0	9	0	0	25	04
Peshawar	Chakdara	000	0	0	18	01	98	00	0	916	15	0	0	9	0	0	76	97
	Peshawar	000	0	7	23	05	96	60	9	555	93	2	3	6	2	6	71	59
	Haripur	000	4	5	36	02	96	03	2	891	96	5	0	9	7	0	78	58
D. I. Khan	Bannu	000	8	8	09	02	99	03	2	942	96	0	0	9	0	9	73	00
	D. I. Khan	000	0	0	00	00	98	00	0	939	02	0	0	9	0	0	75	05
Quetta	Sibi	000	0	0	18	02	96	05	0	951	06	0	0	9	0	0	70	06
Kalat	Nokkundi	000	0	0	34	09	97	03	0	945	02	0	0	9	0	0	36	03
	Turbat	000	0	8	23	06	97	04	0	977	99	0	0	9	0	9	77	05
	Jiwani	000	0	7	18	10	96	05	7	982	93	7	0	4	0	0	75	86
	Pasni	000	0	6	25	14	95	02	2	890	85	8	4	7	0	0	76	88
Karachi Division	Ormara	000	0	0	25	14	94	03	2	993	85	8	1	8	1	0	79	88
	Lasbela	...								...			...			...		
	Karachi (Manora)	000	0	8	25	16	96	03	2	994	85	8	6	4	0		78	88
	Karachi (Airport)	000	0	8	27	14	96	03	2	993	83	8	6	4	x	7	76	84
Hyderabad	Nagarparkar	000	0	5	27	02	97	00	0	560	90	0	5	7	0	0	83	92
	Umerkot	000	0	8	23	04	97	02	0	979	90	6	9	7	0	0	75	93
	Hyderabad	000	0	6	23	16	97	02	3	975	89	3	0	9	2	8	75	93
	Badin	000	0	8	23	05	97	02	1	905	87	8	0	9	0	2	74	9.
Khairpur	Padidan	000	0	0	18	03	97	02	0	945	03	6	0	9	0	0	73	10
	Nawabshah	000	0	0	18	02	95	02	0	961	87	0	0	9	0	0	73	04
	Sukkur	000	0	6	18	02	96	03	1	946	03	0	0	9	0	0	72	03
	Kashmore	000	0	0	00	00	55	00	0	942	xx	0	0	9	0	0	79	xx
	Jacobabad	000	0	0	13	08	96	05	4	952	02	0	0	9	0	0	66	02
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	1	23	03	98	01	0	xxx	68	1	1	6	0	0	xx	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	...	...	...	...	...	—	—	—	...	...	...	...	...	...	...	...	...
	Alliabad *																	
	Gilgit *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Murree *	000	9	7	29	05	96	02	1	431	71	5	1	4	5	0	58	74
Peshawar	Drosh *	000	2	6	23	09	97	17	9	401	87	5	9	6	0	0	54	95
	Cherat *	000	0	0	13	11	98	00	0	374	80	0	0	9	0	0	68	89
	Kakul *	000	9	4	23	09	96	05	1	422	85	4	2	6	0	0	72	97
	Landikotal *	000	0	6	13	05	93	05	4	402	85	6	5	7	x	x	65	98
	Parachinar *	000	0	6	13	02	99	03	2	465	60	6	1	9	1	0	68	63
D. I. Khan	Miranshah *	000	0	6	05	05	98	03	2	413	90	6	4	8	0	0	61	95
	Wana *	000	0	4	05	03	98	01	1	505	87	4	1	9	0	0	65	90
Quetta	Fort Sandeman *	000	0	6	07	02	98	05	3	415	89	6	0	8	0	4	58	xx
	Hindubagh *	000	0	0	25	10	95	00	0	370	94	0	0	9	0	0	81	95
	Loralai *	000	0	0	16	05	97	02	2	406	90	0	4	7	0	1	63	95
	Harnai *	000	0	0	23	05	97	00	0	397	84	0	0	9	0	0	66	97
	Quetta *	000	0	0	31	03	96	00	0	399	91	0	0	9	0	0	63	94
	Chaman *	000	0	0	27	05	98	00	0	401	96	0	0	9	0	0	32	57
	Nushki *	000	0	0	31	05	96	05	4	406	81	0	0	9	0	0	53	01
	Dalbandin *	000	0	0	25	09	94	05	4	424	02	0	0	9	0	0	46	03
Kalat	Kalat *	000	0	0	34	05	96	05	0	407	86	0	0	9	0	0	83	90
	Panjgur *	000	0	0	36	12	96	06	4	424	92	0	0	9	0	0	39	03
Afghanistan	Kabul *																	
	Kandhar *																	

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 † 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)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	7	18	02	98	05	1	079	85	3	8	5	8	x	76	xx	—	—	—	—	—	—
	Cox's Bazar	017	5	7	16	09	97	03	6	062	81	4	4	5	2	x	77	77	×	+ 1	70.0	+ 4.6	80.9	140
	Chittagong	...		...			...		...	...	...					...	...	...	×					100
	Maijdee Court	070	2	8	20	09	95	53	6	065	76	8	5	5	x	x	76	xx	0	×	40.9	— 2.2	60.6	115
	Comilla	001	3	8	00	00	97	02	6	042	82	8	4	4	x	x	78	79	+ 2	+ 1	37.8	+ 3.8	49.0	94
	Brahmanbaria	077	3	5	16	07	97	03	6	061	84	3	5	5	0	8	77	78	—	—			70.3	78
	Sylhet	C45	9	7	09	05	96	70	6	067	91	5	4	5	6	0	79	77	—	—	51.1	—		—
	Srimangal	023	9	8	16	07	96	02		056	65	0	0	6	0	2	76	79	+ 2	+ 3	36.2	+ 3.9	34.6	99
Dacca	Mymensingh	001	0	8	00	00	96	02	1	061	81	8	4	3	0	0	79	80	+ 2	+ 2	30.4	— 2.7	38.9	91
	Narayanganj	027	2	8	18	03	96	03	6	056	85	6	4	2	3	0	81	69	+ 2	— 10	24.0	— 0.9	41.1	74
	Dacca (Tezgaon)	052	9	8	18	02	97	21	6	048	81	5	5	4	2	x	80	79	—	—	21.6	—	36.4	—
	Faridpur	098	0	8	14	02	96	02	6	999	77	3	7	5	1	0	79	77	+ 1	— 2	—	—	—	71
Khulna	Barisal	...	...	...								...						...	— 1					81
	Khulna	000	0	6	18	03	97	13	2	047	85	5	5	5	0	0	83	80	+ 2	+ 2	21.0	— 5.4	28.6	68
	Satkhira	133	5	6	00	00	97	6	6	047	86	4	4	6	2	0	81	xx	+ 1	×	25.6	+ 0.2	32.7	85
	Jessore	100	8	8	00	02	96	03	6	014	81	8	7	5	x	x	78	79	—	—	—	—	—	85
Rajshahi	Pabna	035	7	6	13	05	97	60	6	024	81	0	1	8	1	6	80	79	—	—	25.1	—	42.6	59
	Sirajganj	078	3	8	18	03	97	50	5	149	80	8	7	5	0	0	79	76	+ 3	— 3	23.3	— 0.3	35.5	64
	Bogra	025	9	8	11	03	96	5	6	048	80	6	7	4	2	x	79	78	0	— 1	25.5	+ 0.1	39.0	69
	Dinajpur	000	9	6	09	02	96	02	2	034	83	6	4	9	x	x	78	78	+ 1	— 1	14.5	—14.2	31.7	72
	Rangpur	000	6	6	09	02	96	01	2	055	83	6	4	6	0	0	79	80	0	+ 2	30.7	— 2.7	49.9	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	3	09	07	95	07	0	077	83	7	2	6	3	0	77	82	+ 3	+ 3	6.4	— 0.5	13.8	19
	Sialkot	000	0	4	00	00	97	04	2	019	83	4	5	6	x	x	77	77	+ 1	— 2	7.4	— 3.0	13.8	32
Rawalpindi	Jhelum	000	0	0	16	05	97	03	0	010	89	0	0	9	0	0	75	84	—	—	8.3	—	14.4	
	Rawalpindi	000	0	0	00	00	96	05	4	006	87	0	0	9	0	0	76	81	+ 1	+ 4	4.8	— 5.3	16.4	34
	Campbellpur	100	9	2	00	00	97	01	2	996	83	1	1	8	1	1	73	72	—	—	5.2	—	5.5	—
Sargodha	Khushab	000	0	0	13	02	96	06	0	003	91	0	0	9	0	0	81	88	+ 1	+ 6	1.1	— 4.1	6.1	15
	Lyallpur	000	0	0	16	02	96	00	0	010	92	0	0	9	0	0	78	89	+ 1	+ 7	3.1	— 0.9	6.8	12
Multan	Montgomery	000	0	0	27	02	96	02	0	013	90	0	0	9	0	0	74	86	— 2	+ 3	5.6	+ 2.3	8.1	[illegible]
	Multan	000	0	0	8	03	96	06	0	007	85	0	0	9	0	0	76	87	+ 2	+ 2	8.3	— 2.1	2.0	7
	Leiah	..		...	...	...			—	...	...	...	...	...		...	...	—	—					8
Bahawalpur	Khanpur	000	0	0	20	05	96	00	0	008	84	0	0	9	0	0	75	81	+ 0	×	3.3	+ 0.7	4.3	6
	Bahawalpur	000	0	6	23	02	96	03	0	911	82	6	0	9	2	0	80	80	+ 4	— 3	2.6	— 0.2	3.1	6
	Fort Abbas	000	0	0	27	02	56		0	027	88	0	0	9	0	0	76	86	—	—	0.1	—	0.4	8
Peshawar	Chakdara	000	0	0	36	02	97	00	0	003	80	0	0	9	0	0	69	74	—	—	3.0	—	12.2	—
	Peshawar	000	9	4	36	02	96	06	6	000	86	1	0	9	3	1	71	81	— 2	+ 1	0.2	— 1.3	6.8	11
	Haripur	000	0	0	00	00	95	05		014	88	0	0	9	0	0	69	75	—	—	11.5	—	18.2	—
D. I. Khan	Bannu	000	0	6	00	00	99	02	3	999	89	0	0	9	0	9	75	85	—	—	0.6	—	3.6	11
	D. I. Khan	000	3	6	00	00	98	02	1	004	88	0	0	9	0	6	77	82	—	—	0.6	— 2.2	3.5	9
Quetta	Sibi	000	0	0	18	02	96	05	0	002	90	0	0	9	0	0	75	90	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	0	0	34	09	97	02	0	027	85	0	0	9	0	0	37	72	—	—	0	—	0.1	2
	Turbat	000	0	0	23	02	95	06	0	961	91	0	0	9	0	0	00	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	3	16	05	56	05	2	035	87	3	0	4	0	0	75	80	—	—	1.2	—	1.9	5
	Pasni	000	3	8	16	02	95	04	2	043	80	8	3	7	0	0	77	78	— 3	0	0	— 0.7	0.2	6
Karachi Division	Ormara	000	0	8	27	05	54	03	2	025	82	8	1	6	1	0	79	80	—	—	1.0	+ 0.3	2.0	4
	Lasbela	000	0	3	13	06	8	03	0	970	88	3	0	1	3	0	83	84			0	—	0	8
	Karachi (Manora)	000	0	8	27	14	96	02	2	029	79	8	6	4	0	0	73	78	+ 1	— 2	3.0	— 0.9	3.0	8
	Karachi (Airport)	000	0	8	27	12	96	13	2	034	81	8	6	5	2	1	76	80	—	—	3.2	—	3.2	—
Hyderabad	Nagarparkar	000	0	5	27	02	97	00	0	031	84	0	5	7	0	0	78	69	—	—	4.0	—	4.0	—
	Umerkot	000	0	8	20	03	96	02	0	020	82	8	6	7	0	0	78	80	—	—	3.3	—	2.4	—
	Hyderabad	000	0	8	23	11	97	03	2	016	83	0	0	9	0	7	74	81	— 4	+ 1	2.4	— 0.9	3.3	7
	Badin	000	0	8	13	05	97	02	1	039	83	6	0	9	0	1	73	81	— 3	— 1	2.3	— 1.7	2.9	9
Khairpur	Padidan	000	0	0	13	07	97	02	0	005	65	0	0	9	0	0	73	83	—	—	2.0	—	2.0	—
	Nawabshah	...	...								...		...			...	...	...	—					
	Sukkur	00	9	0	10	03	97	C2	0	004	84	9	0	9	0	0	76	82	—	—	0.9	—	0.9	4
	Kashmore	000	0	0	00	00	99	00	0	929	93	0	0	9	0	0	77	75	—	—	0.5	—	0.5	—
	Jacobabad	000	0	0	13	03	96	02	4	010	86	0	0	9	0	0	82	85	— 5	+ 1	0.1	— 1.0	1.0	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *	—	—	...	—	...	—	...		—	—	—	...	—	...	—	—	...	—					36
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							34
	Leh **																							3
	Skardu *																							6
	Misgar **	000	0	6	19	07	97	03	2	128	57	3	6	8	2	0	36	53		—	—	—	—	—
	Alliabad *																							—
	Gilgit *	115	3	8	00	00	97	61	6	511	67	8	7	7	x	x	86	66		—	—	—	—	5
Rawalpindi	Murree *	000	9	2	31	02	96	01	1	516	68	2	5	3	0	0	58	62	—	—	15.3	— 0.7	33.6	59
Peshawar	Drosh *	003	9	[illegible]	00	00	97	05	9	472	74	0	0	9	0	0	60	70	— 2	— 3	2.6	—	14.6	18
	Cherat *	000	0	0	15	05	98	00	0	362	77	0	0	9	0	0	65	xx	+ 1	×	7.6	— 2.9	31.0	29
	Kakul *	003	9	0	31	03	56	05	9	457	76	1	4	7	0	0	66	70	—	—	12.1	—	27.7	—
	Landikotal *	000	0	1	10	00	93	05	4	445	84	5	0	9	2	x	69	74	— 1	—	0.5	—	12.2	—
	Parachinar *	000	0	2	00	10	99	10	0	440	71	2	0	9	1	0	6	67	—	+ 1	5.3	—	18.9	29
D. I. Khan	Miranshah *	000	0	6	00	0	98	02	3	441	13	6	4	8	0	0	71	82	—	—	0.2	— 2.1	2.1	13
	Wana *	000	0	0	00	09	97	00	0	513	xx	0	0	9	0	0	69	73	—	—	4.1	—	12.4	41
Quetta	Fort Sandeman *	023	3	6	00	0	98	01	6	466	75	6	0	8	0	4	66	68	×	+ 2	4.3	+ 1.6	9.3	11
	Hindubagh *	000	0	0	27	02	95	00	0	425	76	0	0	9	0	0	57	68	—	—	0.8	—	4.6	—
	Loralai *	000	0	0	35	02	99	01	2	424	79	0	0	4	1	2	72	71	—	—	1.1	—	5.2	9
	Harnai *	000	0	0	13	05	97	00	0	429	86	0	0	9	0	0	70	83	—		3.2	— 0.5	6.3	14
	Quetta *	000	0	0	00	00	96	00	0	454	77	0	0	9	0	0	60	69	—		0	— 0.5	4.2	9
	Chaman *	000	0	0	18	05	98	00	0	438	81	0	0	9	0	0	28	78	— 3	+ 3	0	— 0.1	1.3	8
	Nushki *	000	0	0	31	05	98	02	0	467	86	0	0	9	0	0	35	80	— 6	— 2	0	—	1.6	—
	Dalbandin *	000	0	0	27	05	95	05	0	455	83	0	0	9	0	0	43	76	—	—	0	— 0.1	7.4	4
Kalat	Kalat *	000	0	0	18	02	98	00	0	459	73	0	0	9	0	0	69	61	— 1	0	0.1	— 0.7	2.1	7
	Panjgur *	000	0	0	13	03	96	02	0	468	86	0	0	9	0	0	41	85	0	+ 8	0.3	—	1.3	5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 30th JULY, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_aL_aL_a$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_sa PP	$8N_ch_ch_c$	$OT_wT_wT_wT_d$	$H_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dimitrios	13 244	660 00	6 31 06	97 0 22	968 93	6x x xx	35 1 20		88 8 88	1x x xx
Dumra	13 249	699 00	5 26 04	97 0 01	976 70	9x x 8x	65 4 00		00 4 79	12 6 23
Australia	13 104	579 00	3 23 30	97 0 28	972 97	98x8 80	164 5 98		85 8 72	12 3 46
Sandil	13 182	632 06	6 23 04	98 0 23	955 81	43 6 7x	43 1 45		95 1 75	12 3 36
Flying Erter	13 241	668 06	8 25 19	98 0 22	917 86	86 4 00	28 2 15		00 4 98	12 3 36
Dwarka	13 246	613 06	8 26 12	97 0 52	990 88	85 5 8x	15 7 40		03 6 77	11 8 36
Caltex London	13 248	582 12	8 06 03	96 0 53	978 93	86 4 00	35 7 13		00 5 95	10 8 30
Scadu	13 184	616 18	5 23 20	98 0 21	965 79	42 6 8x	43 1 80		00 8 75	12 3 35
Tebruk	13 077	589 19	1 25 24	98 0 21	143 81	10 7 02	63 1 20		00 0 75	12 5 64

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
			HHHTTTT$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sagra														
Chittagong														
Dacca	00 00	826 728 212			842 145 142		303 680 068	482 028 028	578 562 562	750 655 999	964 789	242 000		
Jessore														
Karachi	00 00	000 365 245	022 855 245		140 252 198		311 155 808	439 052 545	586 535 999	759 635 999	973 758	254 982	438 315	689 092
Lahore	00 00	976 332 228			141 265 162		315 18x 34x	447 145 072	596 025 999	772 585 999				
Multan														
Peshawar	00 00	950 282 208			141 202 999		396 190 999	422 010 999	566 659 999					
Quetta	00 00	828 262 145					318 230 999	450 165 959	602 095 999	784 000 999				

STATION	Time of ascent in G.M.T.	At Significant Levels: PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st. HHHHHTT	st. HHHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Sagra													
Chittagong													
Dacca	00 00	002 375 265	900 475 172	800 125 122	564 002 505	350 698 718	250 878 912				250 878 912		
Jessore													
Karachi	00 00	970 192 172	800 235 115								800 235 115		
Lahore	00 00	900 802 192	800 230 160								800 230 160		
Multan													
Peshawar	00 00	900 242 999	800 165 099								800 165 099		
Quetta	00 00										400 000 999		

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

HHH, HHHH (height)—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
Sagra	11 12	11 14	12 90	12 14					
Chakhala		10 03	16 03	10 07	23 07	04 01	20 02	30 05	
Chhor	22 23	22 23	23 25						
Chittagong	15 24	16 27	16 26	16 26					
Cox's Bazar									
Dacca	14 21	14 25	14 27	14 23	13 23				
Dalbandin			27 18	27 11	27 13	25 20	23 18		
D.I. Khan									
Drosh					23 21	20 14			
Fort Sandeman				11 19	11 09	31 06			
Jacobabad	12 06	15 09	14 11	08 05	36 09				
Jessore	19 15	15 10	13 12						
Jhelum	30 03	29 04	18 04	33 07	33 09	32 12	29 15	27 22	
Jiwani	20 17	20 14							
Karachi	25 25	27 17							
Khanpur	18 12	15 08	14 07	14 06	13 05	16 12	18 20	22 29	
Lahore	29 02	22 01	22 03	22 03	29 04	35 05	34 10	35 12	30 15
Multan	13 01	20 08	19 07	16 10	15 06	03 10	34 10	30 08	21 21
Muscat									
Panjgur				35 13	32 13				
Peshawar		29 05	31 05						
Quetta					28 05	25 03			
Sharjah									
Sylhet	11 03	10 09	15 15	14 16	14 19				
Varawal									

Height in kms. a.s.l. →	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Sagra		21 04	20 08	14 02	10 03	
Chakhala	22 17	21 22				
Chhor	15 12	16 13	16 18	17 23		
Chittagong	16 13	16 14	18 12			
Cox's Bazar	No	Ascent				
Dacca			27 09	33 08	30 05	31 07
Dalbandin						
D.I. Khan				21 01	23 01	29 01
Drosh				26 04	24 08	31 13
Fort Sandeman	11 07	14 13	17 21	24 15	28 17	35 13
Jacobabad	20 15	21 10				
Jessore	09 03	13 06	21 03	28 03	19 05	23 07
Jhelum	14 13	12 09	30 06	32 07		
Jiwani						
Karachi						
Khanpur	19 13	21 14	21 19	22 28	27 15	36 12
Lahore	20 05	23 09	24 09	28 09	27 09	29 07
Multan	21 17	21 09	25 05	30 03	34 03	36 04
Muscat						
Panjgur					24 03	27 07
Peshawar		06 06	05 04	28 04	25 08	31 05
Quetta				35 15	33 09	28 11
Sharjah						
Sylhet	13 06	18 13				
Varawal						

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
Sagra	15 17										
Chakhala		15 08	15 06	15 04	09 01	29 06					
Chhor	22 21	22 22									
Chittagong	18 14	19 16	19 17								
Cox's Bazar	20 15	21 13	20 12								
Dacca	16 10	17 17	17 17	17 17	17 17						
Dalbandin			24 09	28 14	28 17	26 14	29 21	33 19	31 14	25 21	26 20
D.I. Khan					22 02	18 11	35 06	29 03			
Drosh				23 05	22 07	33 13	31 09				
Fort Sandeman	14 03	12 03	07 03	03 07	26 07	33 07					
Jacobabad	17 16	17 17	17 20								
Jessore	16 09	15 06	14 04	26 04	30 10	31 09	31 08	31 15			
Jhelum	17 05	15 07	06 10								
Jiwani	26 23	27 22									
Karachi											
Khanpur	19 11	29 12	20 13	20 16	29 17	22 16	25 18				
Lahore	14 06	16 07	17 04	32 04	34 04	34 08	34 13	33 11	35 15		
Multan	23 09	21 10	21 09	14 10	16 09	04 06	33 10	31 07	26 09	30 08	
Muscat											
Panjgur				34 09	33 11	28 13	31 08	17 06	17 07	23 03	
Peshawar		10 24	18 04	03 03	35 05	07 06					
Quetta					29 03	27 04					
Sharjah											
Sylhet	12 01	10 04									
Varawal											

*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 19	16 11	16 13	16 12	16 13	27 08	17 09	15 11	13 16	11 07	12 23	08 20	06 41					
Karachi	15 23	27 33	20 24	20 20	33 18	01 14	07 13	08 16	07 12	09 20	09 24	06 15	07 37	11 29				
Peshawar		02 104	03 03	06 05	26 07	30 05	30 06	28 08	27 44	27 48	27 49							
Quetta																		

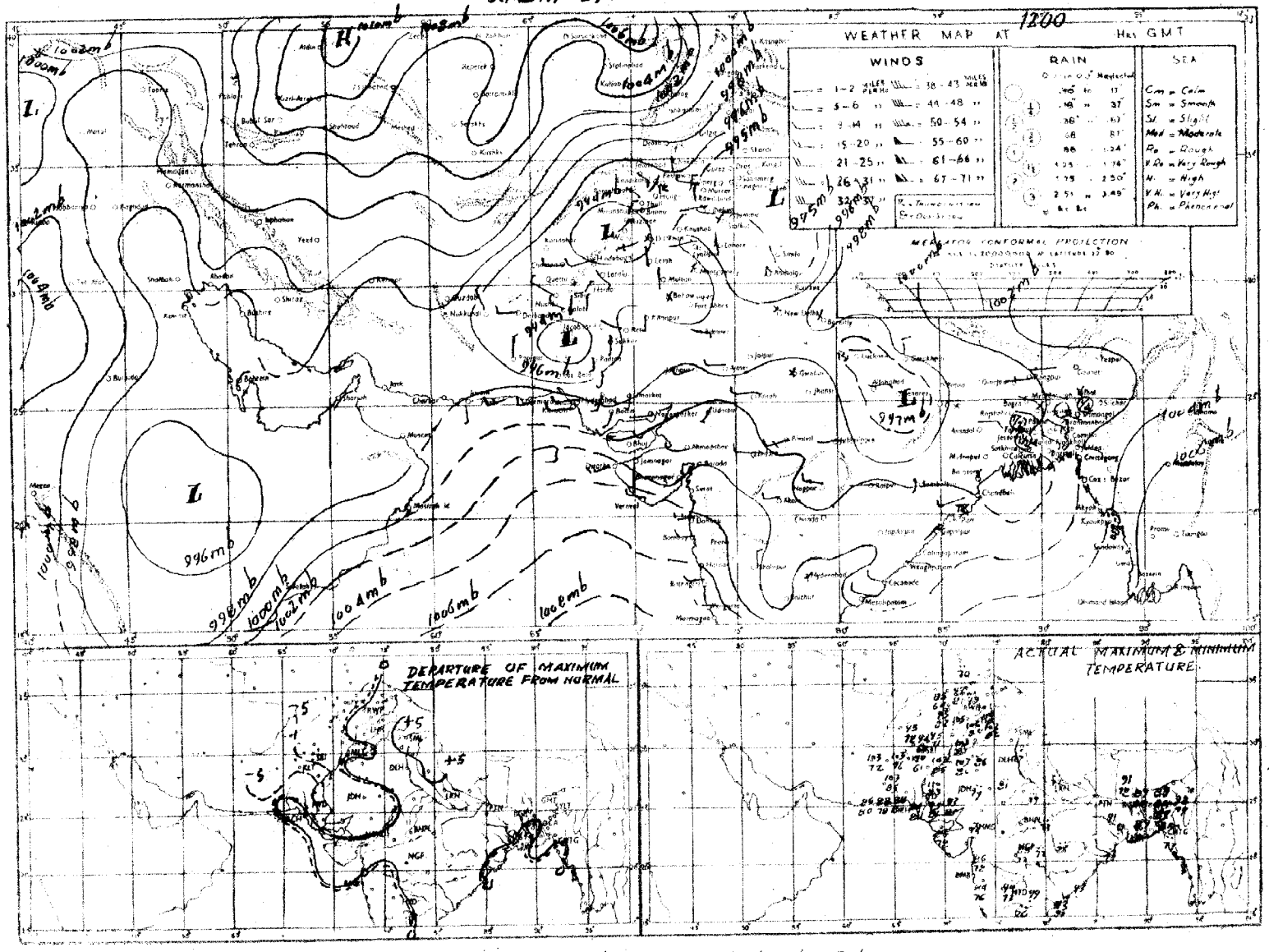
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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, Karachi.

PAKISTAN DAILY WEATHER MAP

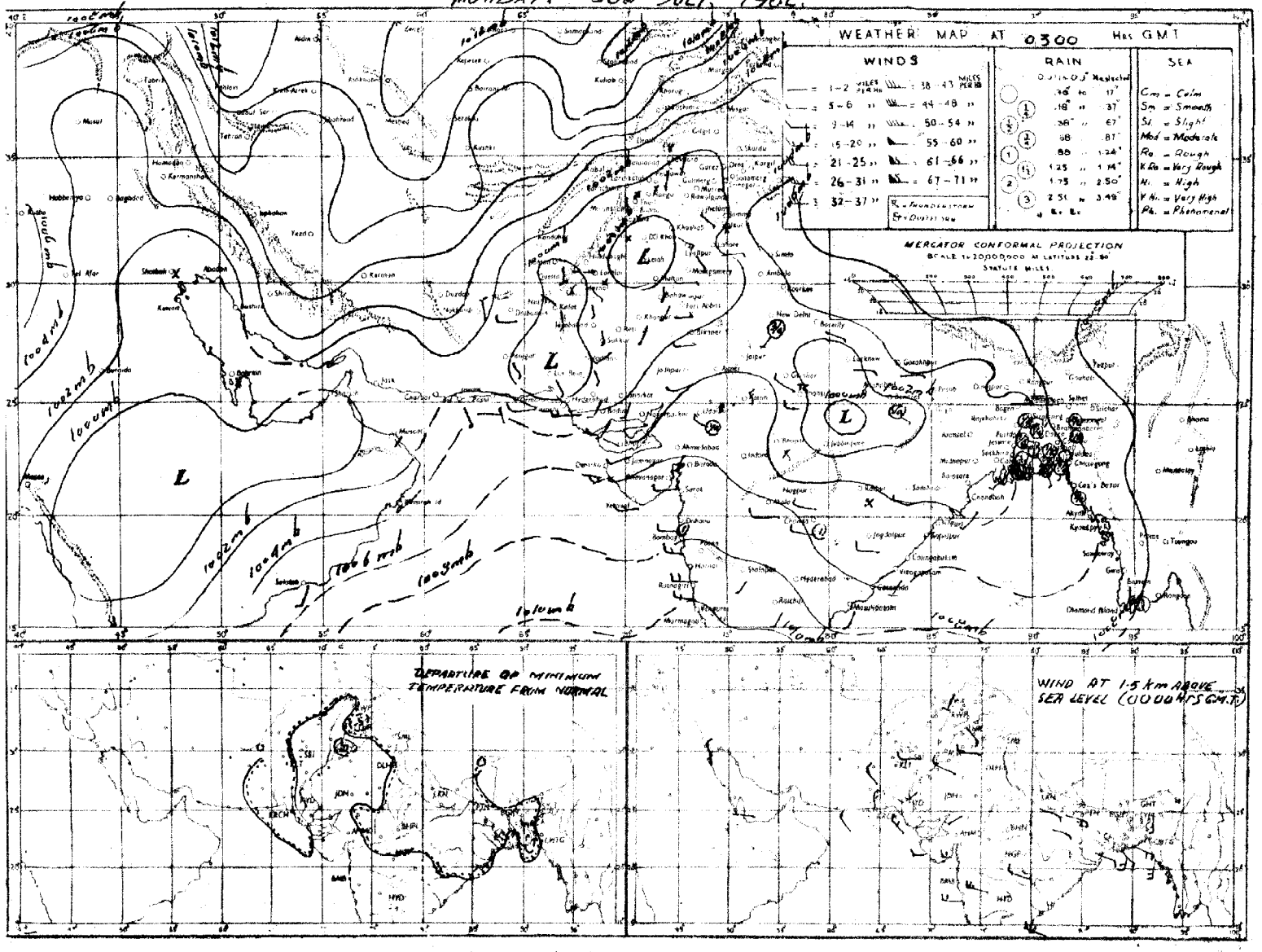
SUNDAY 29th JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP

MONDAY. 30th JULY, 1962.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

TUESDAY THE 31st JULY, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's westerly low pressure wave over D. I. Khan division is moving away across Kashmir. Another wave is, today, moving across Afghanistan and neighbourhood.

Thunderstorms/showers have been fairly widespread in Rawalpindi division and local in Peshawar division. Scattered light rain/drizzle has also been reported from Sargodha division.

Monsoon trough of low extends across Uttar Pradesh to West Bengal.

Rainfall has been local in East Pakistan outside Dacca division where it has been scattered.

Chief amounts of rainfall are :—Sylhet 1¼", Barisal and Pabna 1/2" each and Mymensingh, Satkhira, Dinajpur and Jhelum 1/4" each.

Day temperatures were 4—7 °F(2—4 °C) below normal in Quetta division.

Forecast valid until the evening of 1st August, 1962 :—Rain/thundershowers will be local in East Pakistan, Rawalpindi division and in Kashmir and scattered in Peshawar, D. I. Khan, Sargodha and Lahore divisions.

Karachi-11
The 31st July, 1962.

OBSERVATIONS

M. AZHAR ADIL
for Director, Meteorological Service.

1 Divisions	2 Stations	3 RRR Rainfall in Cents (1200 hrs. G.M.T. of previous day)	4 Wt Past weather commenced at †	5 N Total cloud amount	6 dd Wind direction in tens of degrees	7 ff Wind speed in Knots	8 vv Horizontal visibility †	9 ww Present weather †	10 W Past weather †	11 PPP Sea level pressure (mbs. and tenths)	12 TT Dry Bulb temperature °F	13 Nh Amount of Lowest Cloud †	14 CL Low Cloud form †	15 h Height of Lowest Cloud †	16 CM Medium Cloud form †	17 CH High Cloud form	18 TdTd Dewpoint temperature °F	19 TxTx Maximum temperature °F	20 RRR Rainfall in Cents (0300 hrs. G.M.T. of date)	21 Wt Past weather commenced at †	22 N Total cloud amount	23 dd Wind direction in tens of degrees	24 ff Wind speed in Knots	25 VV Horizontal visibility †	26 ww Present weather †	27 W Past weather †	28 PPP Sea level pressure (mbs. and tenths)	29 TT Dry Bulb temperature	30 Nh Amount of Lowest Cloud †	31 CL Low Cloud form †	32 h Height of Lowest Cloud †	33 CM Medium Cloud form †	34 CH High Cloud form †	35 TdTd Dewpoint Temperature °F	36 TnTn Minimum Temperature °F	37 TxTx Departure from Normal of Maximum Temperature	38 TnTn Departure from Normal of Minimum Temperature	39 Rainfall Since 1st June 1962 to date	40 Departure from normal	41 Since 1st January, 1962 to date	42 Annual Normal
Chittagong	Rangamati	005	5	7	10	05	96	15	6	040	84	5	8	4	7	x	78	94	011	9	7	18	05	97	02	6	034	84	4	4	5	7	0	77	79	— 0	+ 3	70.3	+ 3.6	81.1	—
	Cox's Bazar	000	0	5	20	13	97	02	2	029	83	5	8	5	0	0	79	85	011	9	8	13	02	96	06	6	034	74	8	7	5	x	x	71	76	0	— 1	53.0	+ 8.5	66.5	140
	Chittagong	000	C	4	18	09	97	01	1	022	84	3	4	6	1	0	78	86	000	8	4	00	00	97	01	2	029	84	2	2	5	2	0	77	77	0	— 1	40.9	— 3.2	60.6	108
	Maijdee Court	0C0	9	6	15	05	16	03	2	032	80	4	2	5	2	x	79	86	000	0	8	18	05	97	02	2	007	86	8	4	4	x	x	79	80	+ 1	+ 3	37.8	+ 3.1	49.0	115
	Comilla	000	0	3	18	05	97	01	2	001	86	3	4	5	8	0	79	88	000	0	5	13	05	97	03	1	027	84	5	4	5	0	0	78	80	—	—	26.5	+ 9.6	44.2	94
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000																						78
	Sylhet	C00	...	5	00	08	96	C2	2	010	88	5	5	5	9	0	78	91	155	9	7	18	05	96	02	6	028	86	6	5	5	2	0	80	77	—	—	52.6	—	79.8	—
	Srimangal	000	8	3	23	03	96	00	8	017	86	0	0	6	3	0	78	92	...	—	...	...	...	...	—	—	...	...	—	...	...	...	...	...	...	+ 2					98
Dacca	Mymensingh	025	4	4	00	08	97	02	6	023	83	4	3	5	0	0	79	87	025	9	8	00	00	97	02	1	026	84	3	2	5	8	0	79	80	0	+ 2	30.7	— 2.8	35.6	91
	Narayanganj	0C0	0	3	13	02	96	03	1	015	86	2	4	3	0	0	78	89	C0	9	6	18	02	97	03	2	023	85	2	4	3	0	0	78	81	+ 1	+ 2	24.0	— 1.3	41.1	74
	Dacca (Tezgaon)	001	7	1	18	05	97	02	6	010	85	2	8	5	3	0	78	87	009	9	6	00	00	97	03	1	016	85	6	8	4	0	1	79	80	—	—	21.7	—	36.5	—
	Faridpur	000	0	7	16	07	96	02	2	001	86	5	4	6	1	0	79	80	000	0	7	14	02	97	03	2	015	86	6	5	6	1	0	81	79	+ 1	0	19.6	— 6.9	34.5	71
Khulna	Barisal	050	0	6	00	08	96	03	2	019	86	x	x	9	x	x	46	89	069	4	6	00	00	97	C3	6	036	83	6	0	9	4	0	79	79	+ 2	+ 1	28.3	— 3.1	41.2	81
	Khulna	000	0	2	18	05	97	01	1	019	87	2	4	7	0	0	84	89	0C0	0	7	C0	00	97	03	3	010	80	7	5	4	0	0	80	80	+ 2	+ 2	21.0	— 3.9	28.6	68
	Satkhira	028	0	6	00	00	96	60	6	023	82	4	4	6	2	0	79	89	028	9	6	C0	02	97	03	6	024	87	3	4	7	2	0	80	78	+ 14	0	25.8	+ 0.1	33.0	65
	Jessore	008	0	6	18	02	96	03	2	014	85	6	7	4	4	0	79	85	000	0	6	18	03	97	03	2	014	84	6	7	6	0	0	80	79	—	—	16.4	— 8.1	26.6	65
Rajshahi	Pabna	045	6	5	32	05	8	01	6	007	87	3	3	6	0	2	81	88	C45	0	5	13	05	99	03	2	013	85	3	2	7	0	2	77	79	—	—	25.5	—	44.0	59
	Sirajganj	000	0	12	18	02	97	03	1	C11	86	2	1	5	0	0	79	87	000	0	8	18	03	97	02	1	017	85	8	1	5	0	4	79	78	0	— 1	23.3	— 0.7	35.5	64
	Bogra	005	8	7	18	02	96	02	6	002	85	6	5	5	2	0	79	89	005	9	7	18	02	96	02	6	014	89	6	4	6	0	1	79	81	0	+ 2	25.5	— 0.3	38.1	69
	Dinajpur	025	9	4	00	00	96	E2	6	008	83	4	0	9	3	0	79	85	025	9	4	00	C0	96	02	2	017	85	4	0	9	2	0	79	78	— 5	— 1	14.7	—14.4	31.9	72
	Rangpur	015	6	7	13	03	96	20	6	011	84	7	5	6	0	0	81	87	015	0	4	13	07	96	03	0	036	84	2	5	6	1	0	7	83	— 3	+ 2	30.8	— 2.9	49.0	94
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	080	0	8	00	00	95	05	0	960	98	0	3	9	0	0	79	99	000	0	0	13	03	95	05	0	008	67	8	0	9	8	0	79	83	0	+ 4	6.4	— 0.3	33.8	19
	Sialkot	000	0	5	00	00	97	03	0	987	93	5	2	6	x	x	77	55	000	0	0	00	00	97	00	0	013	86	0	0	9	0	0	74	80	— 1	+ 1	7.4	— 3.0	33.8	33
Rawalpindi	Jhelum	0C0	3	6	37	02	96	02	6	972	95	3	5	6	1	0	77	99	022	0	0	00	00	96	00	0	003	88	0	0	9	0	0	77	77	—	—	8.5	—	34.6	
	Rawalpindi	000	3	8	07	01	96	05	9	982	90	0	0	9	0	0	76	97	000	0	0	00	00	97	05	6	003	88	0	0	9	0	C	76	78	+ 1	+ 1	4.7	— 5.8	16.4	36
	Campbellpur	000	0	7	13	02	96	02	1	959	95	2	3	7	0	1	73	98	C00	0	2	00	00	97	01	2	992	82	0	0	9	2	2	73	79	—	—	5.2	—	5.5	—
Sargodha	Khushab	C00	0	0	09	07	96	05	4	983	97	0	0	9	0	0	77	00	002	0	0	09	07	98	00	0	001	90	0	0	9	0	0	78	84	— 2	+ 2	1.1	— 4.3	6.1	13
	Lyallpur	000	8	4	00	00	97	03	3	982	04	6	3	8	0	0	73	04	005	6	0	03	00	96	00	5	010	89	0	0	4	8	0	80	83	+ 3	+ 1	3.1	— 1.0	6.9	13
Multan	Montgomery	...																	000	0	0	0G	00	96	02	0	999	90	0	0	8	8	0	79	85		+ 2	6.9	+ 2.1	8.1	18
	Multan	000	0	0	18	02	86	08	0	974	01	0	0	5	0	0	73	03	000	0	0	18	C3	96	06	0	989	88	0	0	9	0	0	77	87	+ 2	+ 2	0.3	— 2.3	3.0	7
	Lalian	000	0	0	26	07	97	00	0	884	99	0	0	9	0	0	66	05	000	0	0	05	02	97	00	0	934	90	0	0	0	0	0	73	90	—	—		—		5
Bahawalpur	Khanpur	003	0	0	19	03	95	08	0	975	02	0	0	9	0	0	68	03	000	0	0	23	03	95	05	0	005	85	0	0	9	0	0	75	89	0	— 1	3.3	+ 0.6	4.3	6
	Bahawalpur	000	5	0	20	02	95	05	8	978	02	8	0	9	0	0	89	04	000	0	0	23	02	97	00	0	013	87	0	0	9	0	0	75	81	+ 2	— 2	2.4	— 0.3	3.1	6
	Fort Abbas	000	0	8	2·	12	98	00	0	972	04	0	0	9	0	0	77	06	000	0	8	20	02	98	00	0	056	89	0	0	9	0	0	78	87	—	—	0.1	—	0.4	6
Peshawar	Chakdara	C00	0	0	36	02	97	00	8	938	95	0	0	9	0	9	73	96	000	0	0	36	02	97	00	0	074	81	0	C	9	0	0	80	75	—	—	3.0	—	12.2	—
	Peshawar	EC0	3	7	23	07	96	95	9	590	E9	4	9	6	2	6	71	01	000	C	0	36	02	96	05	9	006	85	0	0	9	0	0	73	80	0	0	0.2	— 1.4	6.8	
	Haripur	0C0	0	4	10	02	95	05	0	978	92	4	0	9	0	4	75	97	000	0	6	31	01	96	03	5	999	79	6	0	9	3	0	73	77	—	—	11.5	—	18.2	11
D. I. Khan	Bannu	0C0	0	8	C5	01	99	02	2	958	03	0	0	9	0	9	71	03	000	0	8	00	00	99	0C	0	999	89	0	0	9	0	9	71	84	—	—	0.6	—	3.6	11
	D. I. Khan	000	3	6	13	02	98	03	2	965	00	0	0	9	0	6	84	01	000	0	0	05	02	98	00	0	997	87	0	0	9	0	0	xx	83	—	—	0.6	— 1.8	3.5	9
Quetta	Sibi	000	0	0	10	03	96	05	0	948	C9	0	0	9	0	0	68	10	000	0	0	18	02	96	05	0	001	92	0	0	9	0	0	75	91	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	0	8	30	09	98	C3	0	958	03	0	0	9	0	0	34	04	000	0	0	34	05	96	02	0	019	86	0	0	9	0	0	36	81	—	—	0	—	0.1	2
	Turbat	00C	0	8	23	04	99	02	0	997	99	0	0	9	0	7	78	04	000	0	0	23	02	97	06	0	081	91	0	8	9	0	0	xx	xx	—	—	1.8	—	4.6	
	Jiwani	0C0	0	6	19	09	97	05	1	C11	83	6	4	4	0	0	74	87	000	0	8	18	05	97	02	2	051	81	8	8	4	0	0	75	80	—	—	1.2	—	1.9	5
	Pasni	000	8	4	25	16	98	02	1	013	85	0	0	0	3	3	76	89	000	0	8	25	03	96	03	2	051	83	8	4	7	0	0	74	78	— 2	0	0	— 0.7	0.3	6
Karachi Division	Ormara	000	0	3	27	14	94	03	2	011	86	3	1	6	0	0	74	E8	000	0	8	27	07	94	03	2	097	84	8	1	4	x	x	75	79	—	—	1.0	+ 0.7	2.0	6
	Lasbela																																			0					8
	Karachi (Manora)	0C0	0	8	27	16	96	03	2	027	84	0	4	4	0	0	78	87	...	...	...	...	...	...	...	...	...	...	...	...	...		...		...						8
	Karachi (Airport)	000	0	8	27	14	96	03	2	023	83	5	5	5	2	x	75	86	000	0	5	27	14	96	02	2	041	82	2	5	5	0	3	73	78	—	—	3.2	—	3.3	—
Hyderabad	Nagarparkar	000	0	2	23	03	97	00	0	039	92	0	3	7	0	0	82	95	000	0	6	27	02	97	90	0	012	88	0	6	7	0	0	78	69	—	—	4.0	—	4.8	—
	Umarkot	000	0	8	23	04	99	02	0	005	90	8	9	7	0	0	76	91	000	0	7	23	03	96	02	0	021	82	8	5	7	0	0	75	79	—	—	3.3	— 0.3	3.4	—
	Hyderabad	000	0	6	33	12	97	02	2	999	91	0	0	9	0	7	75	96	000	0	6	23	14	97	03	2	016	83	0	0	9	0	1	73	81	— 1	+ 1	2.4	— 0.9	3.2	7
	Badin	000	0	8	33	05	97	00	0	023	88	8	0	9	0	1	73	91	000	0	8	23	02	97	01	1	031	81	8	0	9	0	1	74	89	— 2	— 1	2.3	— 1.7	2.9	9
Khairpur	Padidan	000	0	0	18	05	97	03	8	974	04	6	0	9	0	0	72	03	000	0	0	13	07	97	02	0	036	86	0	0	9	0	0	74	82	—	—	2.0	—	2.4	—
	Nawabshah	000	0	9	18	03	96	05	0	986	04	0	0	9	8	0	74	05	000	0	0	13	02	96	02	0	015	86	0	0	9	0	0	74	83	—	—	—	—	—	
	Sukkur	003	0	6	23	03	96	03	1	971	02	0	C	9	0	6	75	C5	000	5	0	20	05	97	02	0	005	85	0	0	9	0	0	75	82	—	—	0.9	—	0.3	4
	Kashmore	0C0	C	0	00	00	19	00	0	951	xx	0	0	9	0	0	80	05	000	0	0	00	00	99	00	0	938	92	0	0	9	0	0	75	74	—	—	0.5	—	0.5	—
	Jacobabad	000	0	7	13	07	97	06	4	974	03	0	0	9	0	0	86	04	0C0	0	0	13	03	96	02	0	009	96	0	0	9	0	0	82	85	— 3	+ 1	0.2	— 1.2	1.0	4
Junagadh	Veraval	xxx	x	7	27	14	96	02	6	064	81	6	4	5	3	0	77	xx	xxx	x	8	29	13	96	02	0	075	79	6	7	4	2	x	77	79	x	—	—	—	—	30
Afghanistan	Jalalabad																																								
Arabia	Muscat																																								4
	Kuwait																																								5
HILL STATIONS																																									
Kashmir	Srinagar *	---	---	---	---	---	---	---	---	---	---	---	---		---	---	---	---	xxx	x	0	00	08	97	02	0	443	75	1	1	7	0	0	46	49		—	—	—	—	26
	Gulmarg **	---	---	---	---	---	---	---	---	---	---	---	---		---	---	---	---	xxx	x	0	00	08	98	02	0	112	63	0	8	9	0	0	54	50		—	—	—	—	—
	Sonamarg **																																								71
	Dras **																																								86
	Leh **	...	...	...	...	...	...	...	...	...	...	...	...		...	...	...	...	xxx	x	0	00	00	99	01	2	039	70	1	x	9	x	x	xx	xx		—	—	—	—	8
	Skardu *	000	0	0	00	C0	96	C2	2	341	83	0	0	9	0	0	68	E8	000	0	1	00	C0	96	02	1	377	74	1	1	6	3	0	46	62	—	—	—	—	—	6
	Misgar **	00	0	3	13	03	98	01	0	416	46	3	1	8	0	0	48	67	000	0	4	36	02	98	01	0	129	60	x	1	8	6	8	40	54	—	—	—	—	—	—
	Aliabad *																																								—
	Gilgit *	000	0	3	C0	00	98	01	1	481	85	3	5	8	0	0	60	89	C00	0	1	00	00	98	01	0	473	82	1	5	8	8	0	60	67	—	—	—	—	—	8
Rawalpindi	Murree *	004	3	5	27	02	96	02	9	441	71	3	1	4	5	0	65	74	C04	9	5	27	05	97	02	1	449	69	5	5	2	0	0	59	60	—	—	15.3	— 1.1	22.8	30
Peshawar	Drosh *	0C0	6	4	23	14	95	05	4	425	70	3	2	7	6	0	47	96	0:0	9	4	00	00	97	05	4	454	76	4	0	9	3	0	56	73	— 1	8	2.6	—	14.6	18
	Cherat *	...																	000	0	0	13	07	98	00	0	373	75	0	0	9	0	0	64	51		— 20	7.6	+ 2.9	11.8	29
	Kakul *	000	8	6	33	07	96	15	1	440	85	6	3	6	0	0	71	87	000	9	1	23	02	96	05	9	452	78	1	2	6	0	0	71	72	—	—	12.1	—	27.7	—
	Landikotal *	000	7	7	13	08	93	20	9	434	88	7	9	7	x	x	65	94	000	0	0	00	00	94	05	4	438	84	0	0	9	0	0	65	73	—	—	0.5	—	11.2	—
	Parachinar *	000	0	3	00	00	99	00	0	427	79	3	0	9	1	0	62	86	000	0	0	00	00	99	00	0	447	72	0	0	9	0	0	6	60	0	+ 2	5.3	—	11.9	29
D. I. Khan	Miranshah *	000	0	0	05	05	98	03	2	432	93	6	4	8	0	0	78	96	000	0	0	00	03	99	00	0	433	84	0	0	9	0	0	73	81	—	—	0.3	— 2.2	3.1	12
	Wana *	000	0	4	00	00	98	01	1	385	90	4	8	9	0	0	61	93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—						11
Quetta	Fort Sandeman *	000	0	4	11	08	98	01	3	436	94	4	0	8	0	4	60	97	000	0	2	00	08	99	01	1	461	78	2	0	9	0	4	66	74	— 2	+ 8	4.3	+ 1.6	5.1	11
	Hindubagh *	000	0	0	28	10	95	00	0	387	92	0	0	9	0	0	36	94	000	0	0	27	03	96	00	0	422	78	0	0	9	0	0	51	69	—	—	0.8	—	4.6	—
	Loralai *	000	0	6	20	02	99	02	2	426	92	0	0	9	2	1	57	94	000	0	5	00	00	99	01	1	429	81	0	0	9	1	2	64	66	—	—	1.1	—	6.3	9
	Harnai *	0C0	0	0	13	06	97	L0	0	418	98	0	0	9	0	0	44	99	000	0	0	00	00	97	00	0	441	87	0	0	9	C	0	70	82	—	—	3.2	— 0.5	4.3	44
	Quetta *	000	6	0	31	02	96	00	0	409	91	0	0	9	0	0	67	93	030	0	0	00	00	96	00	0	452	74	0	0	9	0	0	52	64	—	—	0	— 0.6	4.2	1
	Chaman *	000	0	0	33	07	98	00	0	434	95	0	0	9	0	0	35	96	000	0	0	09	05	98	00	0	435	81	0	0	9	0	C	28	76	— 4	+ 1	0	— 0.1	3.3	1
	Nushki *	600	0	0	27	05	98	02	C	440	C0	0	0	9	0	0	53	01	000	0	0	00	00	98	02	0	409	80	0	0	9	0	0	39	81	—	—	0	—	2.6	—
	Dalbandin *	000	0	0	23	16	94	07	0	451	99	0	0	9	0	0	54	02	000	0	0	23	03	95	05	0	453	83	0	0	9	0	0	29	75	— 7	— 3	0	— 0.1	7.1	4
Kalat	Kalat *	000	0	0	39	00	98	00	0	461	86	0	0	9	0	5	92	89	000	0	0	21	03	97	00	0	463	70	0	0	9	0	0	66	60	— 2	— 1	0.1	— 0.7	2.1	1
	Panjgur *	000	0	0	34	03	98	02	0	451	00	0	0	9	0	0	44	02	000	0	0	0	00	97	02	0	458	79	0	0	9	0	0	36	70	— 1	— 7	0.3	—	3.3	5
Afghanistan	Kabul *																																								12
	Kandhar *																																								

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amount of rainfall.

[illegible] WEATHER REPORT

TUESDAY THE 31st JULY, 1962.

WIRELESS REPORTS FROM SHIPS

[illegible]	$YQL_aL_aL_a$	$L_oL_oL_o$ GG	Nddff	VVwwW	PPP TT	$N_hC_LhC_MC_H$	D_sV_sapp	[illegible]	[illegible]	$H_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
British Light	23 235	592 00	3 99 02	98 0 60	93x 01	36 x xx		—		—
Safinae Arab	23 198	697 00	[illegible]	[illegible] 0 22	[illegible]	[illegible]	25 7 05	—	[illegible] 1 77	11 8 xx
Dwarka	23 249	647 00	7 18 06	97 0 22	031 81	7x x xx	[illegible]	—	[illegible]	12 2 23
Dwarka	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] 81	[illegible] 00	66 6 07	—	05 1 74	12 6 34
City of Swan Sea	23 182	651 00	8 26 24	98 2 52	074 80	40 7 00	[illegible]	—	[illegible]	12 1 23
Caltex London	23 210	595 06	8 21 15	[illegible]	[illegible] 78	[illegible]	15 2 20	—	00 6 76	11 8 x2
Dondo	23 199	588 06	8 18 10	96 1 02	055 77	00 9 1x	[illegible]	—	[illegible]	12 6 33
City of Swan Sea	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		—		
Safinae Arab	23 210	607 06	8 27 18	97 0 22	162 84	46 1 xx	[illegible]	—	[illegible]	12 5 36
Dwarka	23 247	663 06	9 25 10	97 0 22	044 81	[illegible]	63 1 25	86 8 30	00 1 76	12 3 36
Sandi	23 176	602 06	6 33 24	98 0 22	076 79	62 6 7x	16 1 11	—	xx x xx	xx x xx
Serenia	23 165	562 06	8 30 18	98 0 20	076 77	86 5 00	36 2 14	—	05 1 81	[illegible]
Chenerny	23 234	598 06	7 05 04	98 0 22	072 80	76 7 00		—		
British Light	23 222	600 06	6 20 18	98 0 31	[illegible] 79	46 x xx	16 0 16	—	00 [illegible]	[illegible]
Serenia	23 177	569 12	4 20 18	97 0 58	034 72	00 9 40		—		—
Safinae Arab	23 222	680 12	8 27 24	96 0 22	036 83	63 3 1x		—		—
British Light	23 209	596 18	3 21 00	97 0 21	[illegible]	[illegible] x xx	[illegible]	—	00 0 70	12 1 xx
Dondo	23 212	[illegible] 12	9 31 20	97 0 22	015 77	[illegible]	36 2 18	—	00 0 76	11 5 25
Chenerny	23 226	599 12	8 15 18	97 0 72	043 82	00 5 10	64 7 05	—	00 1 72	13 5 23
City of Swan Sea	23 176	639 12	6 25 24	98 0 22	066 81	48 7 00	45 3 20	—	00 1 76	12 7 xx
Dwarka	23 240	670 18	8 27 11	98 0 20	049 81	8x x xx	45 3 30	—	00 4 72	12 0 24
Chenerny	23 218	697 18	0 20 24	98 0 11	098 78	00 9 00	26 2 [illegible]	—	05 1 76	12 2 22
Hernam	23 112	616 18	3 23 12	98 0 10	142 79	32 4 00	16 3 [illegible]	—	00 5 72	12 0 46
Serenia	23 108	[illegible] 18	8 20 22	98 0 62	072 78	86 5 2x	63 3 [illegible]	—	00 2 74	12 0 36
Tobruk	23 085	[illegible] 18	0 20 36	98 0 10	163 79	00 0 00	64 1 [illegible]	—	05 2 74	12 2 03
Karimia	23 078	598 18	5 21 18	98 0 10	080 79	58 4 00	60 5 [illegible]	—	00 0 72	12 3 46
Australia	23 106	539 18	0 33 08	92 0 10	092 78	08 9 00	—	—	—	—
Safinae Arab	23 230	610 18	8 27 24	96 0 21	[illegible] 81	9x x 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 HHHTTTT$_d$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	—	011 272 245	—	141 225 185	—	310 118 062	438 068 002	587 022 538	764 565 622	984 468	—	—	..
Jiwani														
Karachi	00 00	001 272 235	029 278 245	—	148 265 155	—	315 172 052	444 072 999	892 510 999	767 605 999	993 000	265 960	451 105	...
Lahore	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—	—
Multan														
Peshawar	00 00	959 272 235	..	—	140 203 939	—	305 098 993	431 035 999	577 588 993	749 645 909	—	—	—	—
Quetta	00 00	827 202 128	—	—	—	—	317 235 025	449 165 999	602 125 999	785 000 999	—	—	—	—

STATION	Time of ascent in G.M.T.	At Significant Levels $PPPTTT_dT_dT_d$									Max. Height Reached $PPPTTT_dT_dT_d$	TROPOPAUSE st.HHHHTT	TROPOPAUSE 2d. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	000 275 262	900 248 218	800 168 122	—	—	..	—	—	—	800 168 122	—	—
Jiwani													
Karachi	00 00	900 305 260	800 252 115	—	—	—	—	—	—	—	800 252 115	—	—
Lahore	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—
Multan													
Peshawar	00 00	800 230 999	800 175 999	—	—	—	—	—	—	—	800 175 999	—	—
Quetta	00 00	800 250 110	—	—	—	—	—	—	—	—	800 250 110	—	—

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 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	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 10	18 13	18 16	18 12	18 12	18 13	18 13	—	—	—						14 08	14 10	15 59	14 08	12 08	09 04	18 01	26 01	[illegible]		—
Chaklala	—	04 09	09 07	02 04	29 05	09 01	01 04	33 13	—		07 06	12 10	12 04	28 04	—		20 06	16 04	24 07	32 04	28 06	31 09	35 09	27 20	26 25	—
Chhor	21 15	22 15	22 12		—	—	—	—	—	22 13	24 19				—	23 21	22 16	28 17	36 09	03 14	—	—	—		—	—
Chittagong	19 14	20 17	18 19	18 19	—	—	—	—	—	18 12	19 11	20 12	23 14	25 15	—											—
Cox's Bazar	18 16	19 14	19 13				—	—	—	20 07	—				—	—										—
Dacca	17 17	17 19	17 19	16 11	17 16	16 12	—	—	—	—	—					15 09	15 08	16 08	17 07	17 05	18 04	13 02	07 07	07 10	08 13	10 24
Dalbandin	—	—	26 19	27 14	26 24	25 24	—	—	—	—	—	30 03	32 08	27 05	33 08	—	—	24 05	25 06	32 13	27 10	29 06	03 11	26 10	27 27	—
D. I. Khan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	23 25	20 10	09 07	—	—	—	—	—	23 01	23 03	23 05	—	—	—	—	16 01	35 05	36 10	35 06	26 05	24 08	—
Fort Sandeman	—	—	—	24 02	21 06	14 09	19 07	—	—	—	—	—	21 01	01 04	33 15	—	—	—	28 03	15 03	31 08	20 03	—	—	—	—
Jacobabad	14 02	15 08	13 09	06 03	04 07	04 08	—	—	—	15 08	18 07	21 04	28 06	33 07	04 04	17 06	16 06	01 04	01 02	29 06	34 05	26 04	21 07	34 07	30 09	17 07
Jessore	18 15	18 16	18 18	19 13	18 13	—	—	—	—	22 04	22 03	18 06	21 08	18 04	—	—	—	—	—	—	—	—	—	—	—	—
Jhelum	25 03	18 24	18 05	19 08	33 08	—	—	—	—	—	—	—	—	—	—	14 06	13 08	13 08	28 02	32 06	31 12	32 11	32 11	32 14	—	—
Jiwani	17 20	15 10	11 08	—	—	—	—	—	—	17 05	—	—	—	—	—	15 10	15 04	—	—	—	—	—	—	—	—	—
Karachi	25 21	25 20	26 16	—	—	—	—	—	—	—	—	—	—	—	—	28 25	28 29	22 31	—	—	—	—	—	—	—	—
Khanpur	16 08	15 07	15 07	14 18	15 13	09 04	13 13	12 43	—	20 12	20 18	23 24	26 21	26 19	—	21 12	21 13	22 13	21 10	21 04	02 02	32 04	30 09	27 [illegible]	—	—
Lahore	10 02	19 05	24 04	29 04	31 08	01 15	31 16	01 11	32 05	13 10	18 13	26 12	26 10	30 06	34 13	13 02	25 01	27 03	31 06	31 06	32 15	33 15	20 12	26 [illegible]	—	—
Multan	18 04	17 07	17 09	18 11	16 05	11 08	11 03	—	—	22 16	22 24	22 25	—	—	—	21 16	21 19	21 17	19 15	19 09	26 05	—	—	—	—	—
Muscat	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	34 12	34 19	35 14	33 12	32 18	23 09	—	—	—	31 09	32 15	30 12	—	—	—	34 12	35 12	28 10	29 05	22 07	29 07	28 04	05 06
Peshawar	—	25 12	25 05	05 06	09 07	—	—	—	—	—	12 02	12 02	20 03	31 01	25 01	—	01 06	35 04	36 02	27 02	27 11	27 13	06 14	27 16	29 19	31 27
Quetta	—	—	—	—	29 04	22 03	24 05	—	—	—	—	—	—	27 01	30 06	—	—	—	—	22 03	27 05	28 08	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sylhet	25 02	19 04	20 04	19 13	18 06	—	—	—	—	No	Ascent	—	—	—	—	11 03	15 08	17 07	16 08	—	—	—	—	—	—	—
Varanasi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

†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	13.5	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	13 07	19 07	16 08	16 [illegible]	17 03	18 04	18 05	15 [illegible]	10 16	07 13	29 37	07 15				—		—
Dacca	26 24	28 34	29 31	29 20	24 12	34 [illegible]	34 16	05 [illegible]	09 06	07 18	08 39	[illegible] 17	30 39	18 28	90 61	—		—
Karachi	—	15 08	06 11	34 06	[illegible] 04	33 [illegible]	33 09	31 [illegible]	31 [illegible]	29 23	29 31	—	—	—	—	—		—
Peshawar	—															—		
Quetta	—															—		

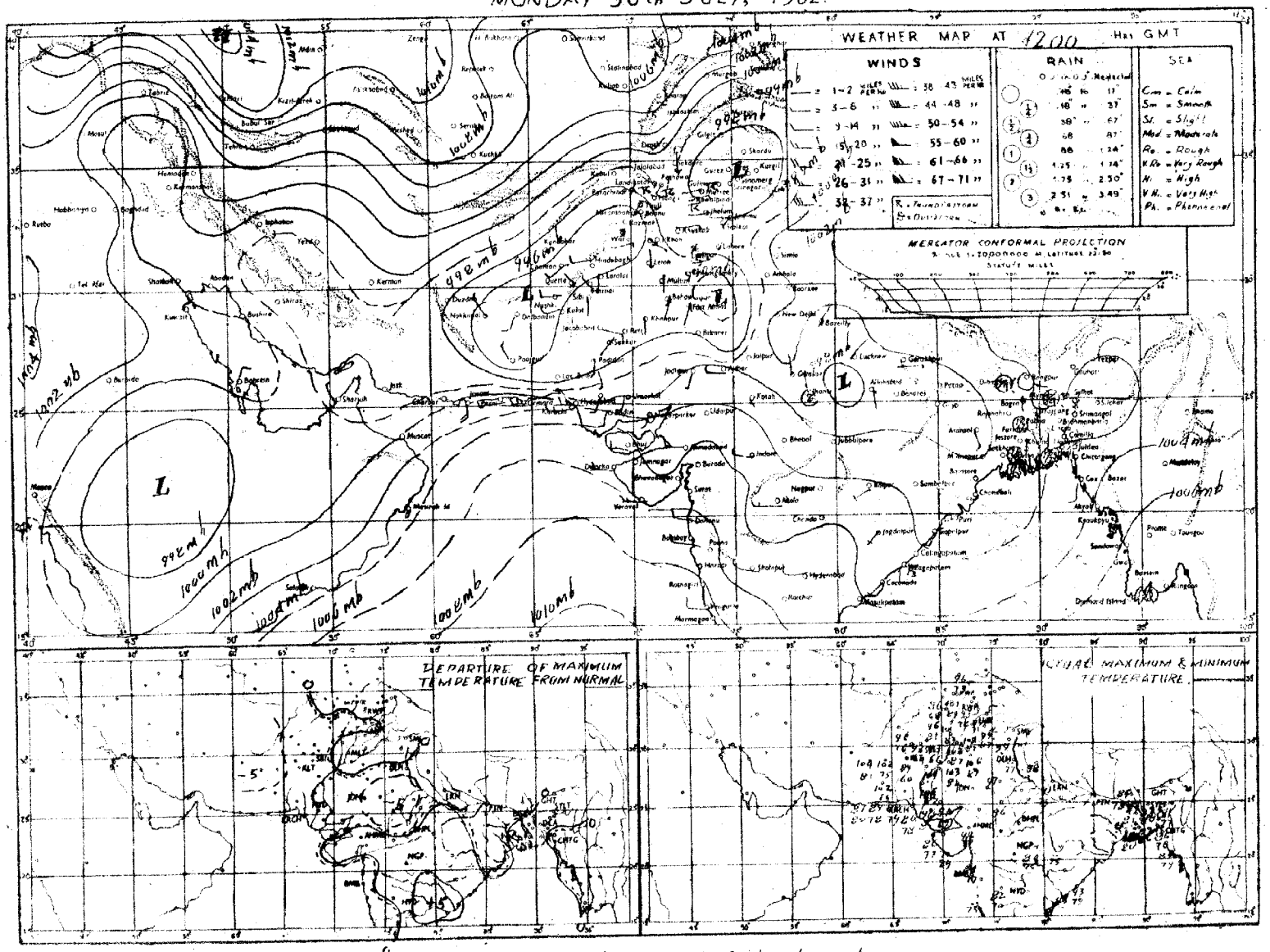
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

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

PAKISTAN DAILY WEATHER MAP

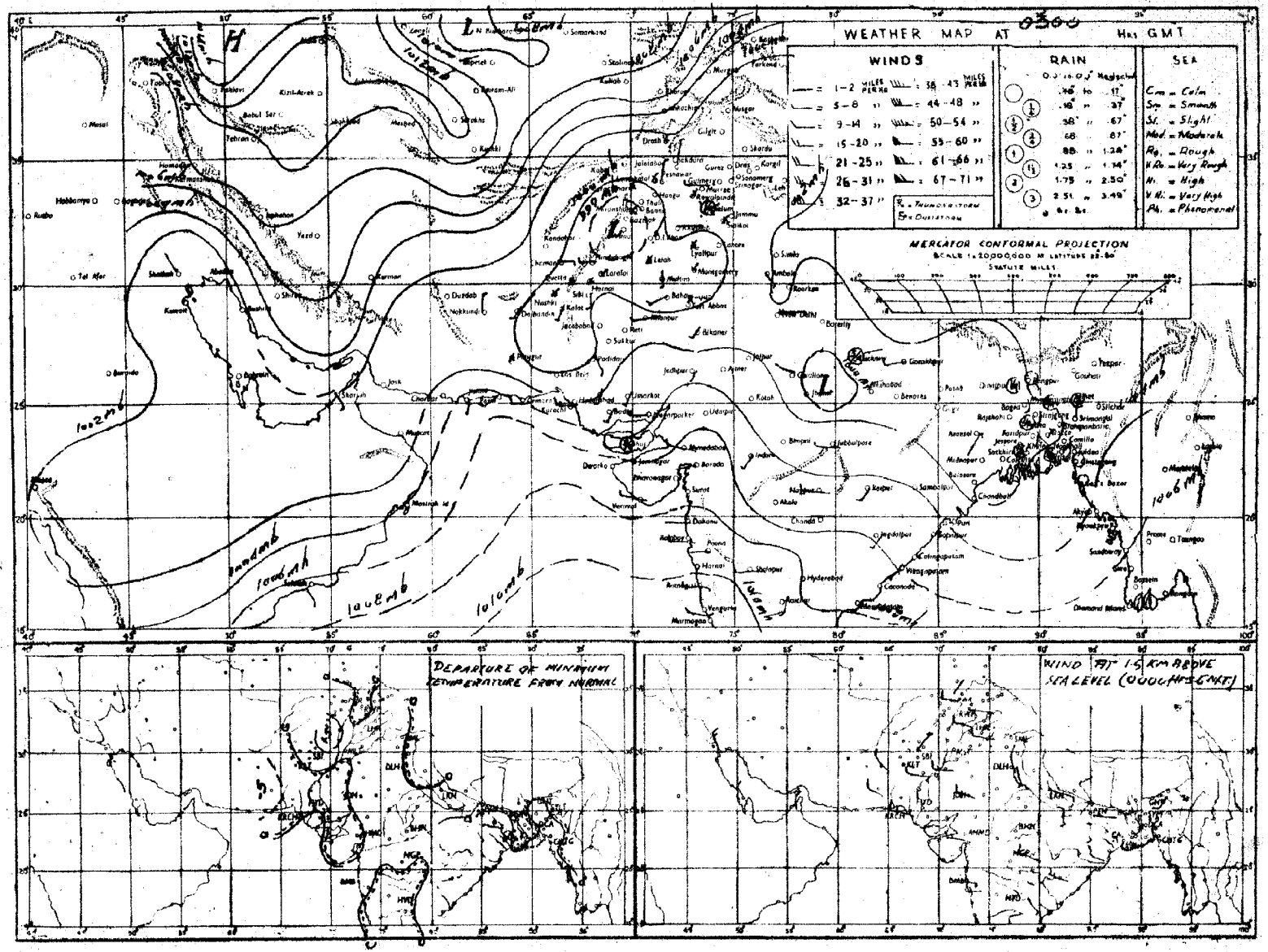
MONDAY 30th JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY, 31st JULY, 1962.



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

Pakistan

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

WEDNESDAY THE 1st AUGUST, 1962.
Summary of Observations recorded at 0300 hrs. G.M.T.

Yesterday's westerly low pressure wave over Afghanistan and neighbourhood is, today, moving across Peshawar and D. I. Khan divisions. It has caused scattered thunderstorms/showers in Peshawar division.

The axis of monsoon trough of low runs along the foot of Himalayas to the north Bay of Bengal.

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

Chief amounts of rainfall are :—Dinajpur 3", Sylhet 1¼", Satkhira 1/2" and Rangamati, Cox's Bazar and Maijdee Court 1/4" each.

Day temperatures were 2—4 °F (1—2 °C) below normal in Kalat division and in the adjoining parts of Quetta division.

Forecast valid until the evening of 2nd August, 1962 :—Fairly widespread rain/thundershowers will occur in Chittagong division, local elsewhere in East Pakistan, Peshawar and Rawalpindi divisions and in Kashmir and scattered in Quetta, D. I. Khan, Sargodha and Lahore divisions.

Karachi-11
The 1st August, 1962.

M. AZHAR ADIL
for Director, Meteorological Service.

OBSERVATIONS

Divisions	Stations	AT 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR	Past weather commenced at† Wa	Total cloud amount N	Wind direction in tens of degrees dd	Wind speed in Knots ff	Horizontal visibility† vv	Present weather ww	Past weather† W	Sea level pressure (mbs. and tenths) PPP	Dry Bulb temperature °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 1962 to date	Departure from normal	Since 1st January, 1962 to date	Annual Normal
Chittagong	Rangamati																																								—
	Cox's Bazar	000	0	7	18	13	97	02	2	993	83	3	8	5	7	0	79	85	018	9	7	16	09	97	02	6	990	83	3	4	5	7	0	77	77	0	+ 1	76.5	+ 2.9	81.2	143
	Chittagong	000	0	5	18	10	97	02	2	986	84	4	4	3	2	0	79	86	030	0	5	18	09	97	02	9	985	84	4	4	6	1	0	75	78	0	+ 2	53.0	+ 7.8	66.5	108
	Maijdee Court	000	9	8	12	02	96	00	2	986	84	6	1	5	2	x	79	80	020	6	6	13	05	97	03	0	984	84	4	2	5	2	x	78	80	+ 2	+ 2	41.1	− 4.0	60.9	115
	Comilla	010	6	8	18	05	97	02	6	962	86	8	4	5	x	x	79	89	018	0	8	18	05	97	02	2	969	85	8	4	4	x	x	79	80	+ 2	+ 3	37.9	+ 2.6	49.1	94
	Brahmanbaria	022	0	7	13	13	97	02	3	993	82	5	8	5	7	0	79	85	000	0	6	18	01	97	03	1	986	84	6	4	5	0	0	79	80	−	−	26.5	0	44.2	79
	Sylhet	000	1	5	27	02	96	95	9	985	79	4	5	9	1	0	75	89	127	9	8	13	02	96	06	9	987	82	6	8	5	8	x	78	78	−	−	53.9	−	80.0	—
	Srimangal	...	...	...	...	...	—	...	—	—	...	...	...	...	...	...	...	—	000	0	3	09	09	96	03	1	981	80	3	0	4	0	0	76	73		− 3	—	—	—	98
Dacca	Mymensingh	000	0	6	90	00	97	02	1	981	89	4	2	4	0	4	79	93	000	0	8	13	02	97	02	1	984	85	8	5	4	6	0	78	81	+ 3	+ 3	30.7	− 3.4	35.5	98
	Narayanganj	000	9	7	18	02	96	02	2	978	86	4	4	2	0	0	78	90	0.0	9	7	16	03	97	03	2	977	87	4	4	3	0	8	78	82	+ 2	+ 3	24.0	− 1.7	37.3	94
	Dacca (Tezgaon)	000	0	8	18	07	97	02	2	974	75	3	9	5	3	0	79	89	000	0	7	18	02	97	03	1	975	87	3	1	5	7	1	77	81	−	−	21.7	−	36.3	74
	Faridpur	000	0	5	16	05	96	02	2	996	87	3	3	6	1	0	71	88	000	0	8	16	02	96	02	2	973	85	7	5	6	1	4	84	81	+ 2	+ 2	19.6	− 6.4	34.5	71
Khulna	Barisal	000	0	4	00	00	97	02	2	980	86	4	0	9	4	0	81	89	000	0	6	00	00	97	00	0	981	87	6	0	7	4	0	81	81	+ 2	+ 9	28.3	− 3.6	49.2	81
	Khulna	000	0	3	00	00	97	01	2	978	86	3	5	7	0	0	83	90	000	0	8	00	00	97	03	2	978	88	6	5	5	0	0	85	80	+ 3	+ 2	21.0	− 6.3	38.6	80
	Satkhira	040	0	4	00	00	97	21	6	998	87	4	4	6	2	0	80	92	040	9	8	10	02	97	03	6	976	87	4	4	3	8	8	90	81	+ 4	+ 3	26.2	+ 0.1	33.4	65
	Jessore	000	0	3	18	02	97	02	2	982	86	3	4	6	0	0	81	87	000	0	8	23	03	97	03	2	973	85	8	7	5	x	x	82	80	−	−	18.3	− 9.5	26.6	65
Rajshahi	Pabna	000	0	5	13	05	98	01	2	965	88	3	5	7	0	3	80	92	000	9	7	13	05	99	03	9	971	85	7	5	7	0	0	81	82	—	—	25.5	—	44.0	59
	Sirajganj	000	0	1	18	03	98	01	1	969	87	1	1	4	0	0	79	90	000	0	6	00	00	97	02	2	971	81	6	4	5	0	0	61	81	+ 3	+ 2	23.3	− 8.1	35.5	64
	Bogra	000	0	9	00	00	96	01	2	969	89	2	2	5	0	1	76	98	000	0	7	13	02	96	02	2	972	88	5	5	5	1	0	8:	82	+ 3	+ 3	25.5	− 0.8	38.1	69
	Dinajpur	000	0	3	00	00	96	02	2	965	89	3	0	9	4	0	79	93	306	9	6	00	00	96	02	2	971	81	4	2	7	0	0	80	77	+ 3	− 2	17.8	− 11.8	34.9	73
	Rangpur	000	0	5	18	03	96	03	5	969	84	3	5	6	2	0	79	90	013	2	8	09	03	96	03	6	987	82	8	1	4	x	x	81	80	0	+ 1	31.0	− 3.3	49.2	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Road)	000	0	1	00	00	94	05	0	948	01	1	1	7	0	0	81	82	000	0	0	23	05	95	05	0	931	91	0	0	9	0	0	78	86	+ 3	+ 8	6.4	− 0.8	12.2	19
	Sialkot	000	0	0	00	00	97	00	0	947	95	0	0	9	0	0	80	97	000	0	0	00	00	97	00	0	933	89	0	0	9	0	0	81	82	+ 1	+ 3	7.4	− 3.0	13.6	27
Rawalpindi	Jhelum	000	0	2	00	00	96	02	0	944	99	0	0	7	0	0	77	00	000	0	0	16	03	96	02	0	932	98	0	0	9	0	0	80	86	−	−	8.5	−	14.6	
	Rawalpindi	000	0	1	25	03	97	05	4	944	97	9	4	4	9	7	76	97	000	0	0	09	02	96	05	4	934	89	0	0	9	0	0	79	83	+ 1	+ 7	4.7	− 5.9	16.5	36
	Campbellpur	000	0	2	13	03	96	01	1	926	97	0	0	8	1	1	74	97	000	0	2	13	02	97	01	1	912	86	0	0	8	1	1	78	82	−	−	5.2	−	8.8	—
Sargodha	Khushab	000	0	0	09	01	96	05	4	944	03	0	0	9	0	0	80	04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2					15
	Lyallpur	000	0	5	00	00	97	02	2	948	03	5	0	9	4	0	72	03	003	0	0	16	02	96	00	0	948	89	0	0	9	0	0	77	88	+ 2	+ 7	3.1	− 1.1	6.9	12
Multan	Montgomery	000	0	0	00	00	96	02	0	946	09	0	0	9	0	0	78	04	000	0	0	23	03	96	02	0	945	89	0	0	9	0	0	84	86	+ 1	+ 3	5.6	+ 2.2	8.1	10
	Multan	000	0	0	18	03	96	06	0	945	02	0	0	9	0	0	73	03	000	0	0	18	07	96	07	0	9.9	89	0	0	9	5	0	73	88	+ 3	+ 4	0.9	− 2.3	2.0	7
	Leiah	000	0	0	36	03	97	00	0	960	99	0	0	9	0	0	66	04	—																						8
Bahawalpur	Khanpur	000	0	0	23	05	95	05	0	947	03	0	0	9	0	0	73	04	000	0	0	23	10	95	05	0	950	83	0	0	9	0	0	73	81	+	+ 1	3.3	+ 0.5	4.3	4
	Bahawalpur	000	0	0	23	03	96	00	0	005	03	0	0	9	0	0	80	04	000	0	0	20	03	97	00	0	946	87	0	0	9	0	0	72	xx	+ 2	×	2.4	− 0.4	3.1	6
	Fort Abbas	000	0	0	18	18	96	00	0	940	06	0	0	9	0	0	77	07	000	0	0	20	03	98	00	0	957	88	0	0	9	0	0	68	76	−	−	0.1	−	0.4	8
Peshawar	Chakdara	000	0	0	36	02	97	00	0	913	98	0	0	9	0	0	72	97	000	0	0	36	02	97	00	0	926	81	0	0	9	0	0	69	76	−	−	3.0	−	13.2	—
	Peshawar	000	0	6	36	07	96	05	1	943	96	3	3	6	7	0	69	00	000	0	1	31	05	96	05	0	933	86	0	0	9	0	1	75	85	− 1	+ 6	0.2	− 1.5	6.8	11
	Haripur	000	0	0	18	01	95	05	0	941	96	0	0	9	0	0	73	97	030	4	5	31	02	94	03	2	937	82	5	0	9	4	0	75	79	−	−	11.5	−	18.2	—
D. I. Khan	Bannu	000	0	8	16	01	90	02	2	924	04	0	0	9	0	9	67	04	000	0		00	00	99	00	0	910	93	0	0	9	0	0	72	85	−	−	0.6	−	3.6	11
	D. I. Khan	000	0	4	20	00	93	00	0	933	04	0	0	9	0	4	75	05	000	0	0	00	00	98	00	0	926	92	0	0	9	0	0	81	86	−	+ 4	0.6	− 2.4	3.3	9
Quetta	Sibi	000	0	0	23	02	96	03	0	940	09	0	0	9	0	0	68	11	000	0	0	13	02	96	05	0	949	92	0	0	9	0	0	73	90	−	−	2.6	−	3.7	5
Kalat	Nokkundi	000	0	0	34	08	98	02	0	956	04	0	0	9	0	0	33	05	000	0	0	34	25	96	07	0	988	85	0	0	9	0	0	33	84	−	−	0	−	0.1	2
	Turbat	000	0	0	23	03	93	00	0	940	06	0	0	9	0	0	xx	xx	000	0	0	00	00	97	00	0	xxx	83	0	0	9	0	0	xx	82	−	−	1.8	−	4.6	—
	Jiwani	000	0	5	18	12	37	03	1	013	83	5	6	4	0	0	75	85	000	0	0	00	00	97	02	1	018	81	6	0	4	0	0	74	79	−	−	1.2	−	1.9	5
	Pasni	000	0	2	20	19	93	01	1	010	85	0	0	9	0	2	78	68	005	0	2	20	05	96	05	1	009	82	0	0	9	0	2	73	78	− 3	+ 1	0	− 0.7	0.2	6
Karachi Division	Ormara	000	0	1	25	18	74	03	1	001	86	1	1	6	0	0	74	00	000	0	7	27	12	94	03	2	007	81	7	1	5	0	0	77	79	−	−	1.0	+ 0.3	2.0	6
	Lasbela	000	0	4	00	00	98	04	0	943	97	4	0	8	4	0	95	05	000	0	4	13	02	98	04	0	949	94	4	0	9	3	2	81	03	−	−	0	−	0	8
	Karachi (Manora)	000	0	5	27	12	96	03	0	003	86	0	0	9	0	0	77	06	0.0	0	5	27	14	96	02	2	999	82	8	6	4	0	0	73	80	+ 3	+ 1	3.0	− 1.0	3.0	8
	Karachi (Airport)	000	0	5	25	14	96	01	2	005	84	5	5	0	0	0	73	87	0.0	0	7	27	10	97	02	2	003	82	7	6	5	0	0	70	79	−	−	3.2	−	3.2	—
Hyderabad	Nagarparkar	000	0	2	23	02	97	00	0	000	89	0	3	7	0	0	84	90	000	0	3	27	02	97	00	0	983	82	0	3	7	0	0	67	67	−	−	4.0	−	4.0	—
	Umerkot	000	0	8	23	05	98	02	0	979	95	0	0	7	5	0	74	96	000	0	9	23	06	96	02	0	976	82	8	8	7	0	0	73	80	−	−	3.3	−	3.4	—
	Hyderabad	000	0	3	23	09	97	02	0	978	95	0	0	9	0	1	71	99	000	0	0	23	16	97	02	0	971	83	0	0	9	0	0	71	81	+ 2	− 0	2.4	− 1.8	3.5	7
	Badin	000	0	8	23	02	97	01	1	014	90	8	0	9	0	0	74	95	000	0	0	23	09	97	01	1	004	83	0	0	0	0	1	73	79	+ 2	− 1	2.3	− 1.7	3.8	9
Khairpur	Padidan	000	0	0	13	09	97	02	0	958	87	0	0	9	0	0	69	07	...	0	0	18	07	98	02	0	948	85	0	0	9	0	0	78	81	−	−	2.0	−	2.6	—
	Nawabshah	000	0	0	18	03	96	02	0	966	07	0	0	9	0	0	...	08	000	0	0	18	08	96	02	0	954	85	0	0	9	0	0	70	81	−	−	—	−	—	—
	Sukkur	000	0	0	23	02	96	02	0	949	04	0	0	9	0	0	79	06	000	0	0	20	05	97	02	0	943	84	9	0	9	0	0	79	81	−	−	0.9	−	0.9	4
	Kashmore	000	0	0	00	00	59	00	0	942	xx	0	0	9	0	0	78	06	000	0	0	00	00	99	00	0	928	91	0	0	9	0	0	75	75	−	−	0.5	−	0.5	—
	Jacobabad	000	0	0	18	02	96	02	0	953	06	0	0	9	0	0	88	07	0	0	1	03	07	96	02	0	944	97	0	0	9	0	0	81	84	0	+ 1	0.1	− 1.1	1.8	4
Junagadh	Veraval	xxx	x	7	27	11	96	02	2	049	84	4	8	5	3	0	77	xx	...	—	...	...	...	...	...	—	—	...	—	...	...	...	...	...	...	×					20
Afghanistan	Jalalabad																																								
Arabia	Muscat																																								4
	Kuwait																																								5
	HILL STATIONS																																								
Kashmir	Srinagar *																																								26
	Gulmarg **																																								—
	Sonamarg **																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu *	000	0	6	23	02	96	02	2	280	84	4	2	6	3	0	47	90	000	0	1	36	02	97	02	0	xxx	72	1	1	7	0	0	41	xx	−	−	−	−	−	6
	Misgar **	000	0	2	26	03	98	01	0	079	73	2	1	8	0	0	34	67	...	—	—	—	—	—	·	—	—	—	...	...	—	...	..	...	—	−					—
	Astor *																																								—
	Gilgit *	000	9	6	20	08	98	01	1	423	67	6	5	8	0	0	49	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	−	...	−	−				8
Rawalpindi	Murree *	000	9	8	29	69	96	03	1	412	74	8	5	2	1	1	45	75	000	0	5	29	05	96	02	1	406	68	3	5	3	5	0	62	61	−	+ 3	15.3	− 1.5	33.6	59
Peshawar	Drosh *	000	0	6	27	09	96	17	9	392	93	6	9	7	0	0	51	97	000	9	2	00	09	98	05	9	402	78	2	0	9	4	0	56	73	0	0	2.6	−	14.6	18
	Cherat *	000	0	0	13	13	98	00	0	385	89	0	0	9	0	0	73	91	000	0	0	05	09	98	00	0	367	78	0	0	9	0	0	74	xx	+ 3	×	7.6	+ 2.7	31.8	29
	Kakul *	013	9	1	19	07	96	05	0	415	83	1	2	6	0	0	67	86	013	9	1	18	02	96	05	1	400	79	1	2	6	0	0	65	73	−	−	12.4	−	27.9	
	Landikotal *	000	0	4	05	03	94	05	4	410	91	6	0	9	7	1	73	94	000	0	1	00	00	94	05	0	384	82	0	0	9	0	4	70	76	−	−	0.5	−	12.2	—
	Parachinar *	000	0	6	00	00	99	03	0	405	84	4	4	8	1	0	57	00	000	0	4	00	00	99	01	2	397	74	4	1	9	1	0	54	69	+ 1	+ 3	5.3	−	18.9	29
D. I. Khan	Miranshah *	000	0	4	05	03	99	03	0	397	97	4	4	9	0	0	88	98	000	0	0	00	0	99	00	0	305	89	0	0	9	0	0	79	81	−	−	0.2	− 2.3	2.1	13
	Wana *	000	0	0	00	00	99	00	2	505	92	0	0	8	0	0	xx	95	—	—	...	...	...	...	—	...	—	...	...	—	...	...	...	...	...	−					11
Quetta	Fort Sandeman *	000	0	2	25	01	99	03	0	449	98	2	0	0	3	0	48	99	000	0	0	00	00	99	01	0	409	84	0	0	9	0	0	54	79	0	+ 2	4.3	+ 1.5	9.1	11
	Hindubagh *	000	0	0	25	12	96	00	0	390	91	0	0	0	0	0	37	93	000	0	0	25	07	96	00	0	355	80	0	0	9	0	0	51	69	−	−	0.8	−	4.6	—
	Loralai *	000	0	4	16	05	99	01	0	408	92	0	0	9	0	1	59	95	000	0	0	29	02	99	00	0	394	80	0	0	9	0	0	43	65	−	−	1.1	−	5.2	9
	Harnai *	000	0	0	23	05	97	00	2	397	00	0	0	0	0	0	50	01	000	0	0	13	05	97	00	9	379	87	0	0	9	0	0	68	82	−	−	3.2	− 0.9	6.3	14
	Quetta *	000	6	0	36	02	96	00	0	409	88	0	0	9	0	0	64	90	000	0	0	00	00	96	00	0	403	74	0	0	9	0	0	53	62	−	−	0	− 0.7	4.2	9
	Chaman *	000	0	0	31	08	98	00	0	407	98	0	0	9	0	0	24	99	000	0	0	09	06	98	00	0	409	80	0	0	9	0	0	87	73	− 1	− 3	0	− 0.1	1.3	8
	Nushki *	000	0	0	31	05	98	03	0	427	01	0	0	9	0	0	50	02	000	0	0	00	00	98	02	0	450	82	0	0	9	0	0	44	70	−	−	0	−	1.6	—
	Dalbandin *	000	0	0	23	03	96	02	0	436	04	0	0	0	0	0	45	03	000	0	0	23	03	89	05	0	416	81	0	0	9	0	0	43	71	− 4	− 4	0	− 0.1	7.1	4
Kalat	Kalat *	000	0	0	34	05	98	00	0	423	03	0	0	9	0	0	79	87	000	0	0	18	03	94	00	0	420	75	0	0	9	0	0	71	57	− 4	− 4	0.1	− 0.7	2.1	7
	Panjgur *	000	0	0	31	10	97	02	0	436	99	0	0	9	0	0	26	08	000	0	0	00	00	97	02	0	426	79	0	0	9	0	0	50	73	8	− 3	0.3	−	1.3	5
Afghanistan	Kabul *																																								
	Kandhar *																																								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 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 1st AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_dw d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Seisomaru	33 190	655 00	8 23 17	96 0 22	090 79	45 3 2x	35 3 10	—	05 3 78	12 3 22
Dumra	33 255	571 00	0 08 03	97 0 50	020 90	80 9 00	75 3 05	—	00 1 84	10 8 21
Dwarka	33 231	679 00	8 27 25	97 0 22	047 81	8x x xx	35 4 00	—	05 1 78	12 7 xx
City of Swan Sea	33 171	69x 00	7 24 30	98 0 22	093 xx	80 6 xx	64 4 00	—	00 0 72	12 3 34
Sandi	33 165	571 06	4 22 34	98 0 21	082 77	22 6 32	63 1 05	—	00 0 78	12 2 35
Dwarka	33 220	639 06	7 25 17	97 0 22	971 82	78 6 xx	35 1 25	—	00 4 77	12 5 35
City of Swan Sea	33 167	595 06	7 0x 30	98 0 22	082 79	47 6 6x	64 4 00	—	00 0 63	12 3 2x
Dondo	33 239	576 06	0 14 04	96 1 00	044 90	00 9 00	75 2 25	—	00 8 84	11 4 x1
Utrecht	33 197	696 12	8 26 20	97 1 52	055 82	49 4 2x	—	—	00 0 75	12 6 31
Sandi	33 160	558 18	2 22 20	98 0 20	062 79	2x x xx	63 1 12	—	00 2 75	12 2 35
Serenia	33 250	574 18	1 00 00	97 0 20	009 89	11 8 00	76 4 00	—	00 0 84	10 0 x0

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
			HHHTTTTdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	—	—	—	138 025 085	...	304 105 068	430 022 518	577 535 560	750 635 692	907 30x	246 968	431 110	...
Jiwani ...														
Karachi ...	00 00	998 265 232	...	...	140 272 999	...	310 145 999	437 038 999	574 515 999	758 615 999	973 758	254 975	439 105	...
Lahore ...	00 00	970 330 275	...	...	140 298 155	...	313 228 025	445 478 662	598 092 999	779 003 999	005 605	326 718	...	...
Multan ...														
Peshawar ...	00 00	953 302 235	...	...	139 282 195	...	307 178 999	435 082 999	583 510 997	758 622 999	983 708	265 842	461 900	735 94
Quetta ...	00 07	824 202 505	...	...	...	...	330 165 565	439 135 625	591 045 999	769 560 999	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	996 278 265	900 205 178	800 172 158	540 008 542	350 698 755	...	...	...	...	350 698 755	...	...
Jiwani ...													
Karachi ...	00 00	900 205 188	...	...	...	...	...	...	...	...	900 205 188	...	...
Lahore ...	00 00	900 320 210	800 275 115	...	...	...	...	...	...	...	800 275 115	...	...
Multan ...													
Peshawar ...	00 00	900 285 215	...	...	...	...	...	...	...	...	900 288 215	...	...
Quetta ...	00 00	880 200 000	...	...	...	...	...	...	...	...	880 200 000	...	...

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenth s 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	...	...	...	...	...	...	...	...	...
Chaklala	...	22 02	14 02	27 03	27 10	32 05	01 04	27 08	...
Chhor	22 17	22 18	22 13	35 06	34 09	35 09	...	...	...
Chittagong	...	...	...	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...
Dacca	17 13	17 13	17 12	17 08	19 05	15 03	02 01	07 05	...
Dalbandin	...	...	24 08	22 04	23 03	35 06	27 08	27 17	...
D. I. Khan	...	...	...	...	...	...	...	...	27 23
Drosh	...	...	...	...	27 10	24 08	...	...	...
Fort Sandeman	...	...	...	25 06	23 06	25 04	...	...	...
Jacobabad	19 08	20 09	20 08	23 05	35 05	05 02	28 08	31 12	27 10
Jessore	18 09	18 12							
Jhelum	18 01	17 32	17 03	30 07	30 11	31 12	30 14	31 18	...
Jiwani	18 11	20 07	20 05	34 09	33 16	32 23	33 24	33 20	27 22
Karachi	27 22	27 23	29 16	...	...	...	...	...	32 06
Khanpur	24 16	25 13	25 08	27 07	28 06	29 07	25 15	24 19	...
Lahore	33 02	30 04	30 04	26 04	28 14	...	...	...	...
Multan	20 08	21 08	21 08	26 04	30 24	26 02	26 06	27 12	30 16
Muscat	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	28 06	30 07	32 05	30 06	30 03	27 08
Peshawar	...	03 10	05 10	12 08	17 13	25 19	26 17	26 12	...
Quetta	...	...	...	...	26 13	27 14	27 19	...	...
Sharjah	...	...	...	...	...	...	...	...	...
Sylhet	05 05	14 04	18 13	...	...	...	...	...	...
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	21 05	21 05	21 04	27 03	26 03	...
Chaklala	...	10 08	11 11	13 02	25 05	...
Chhor	23 20	23 31	...	...	...	30 13
Chittagong	15 17	14 08	17 07	23 04	18 06	14 24
Cox's Bazar	16 12	16 11	16 10	17 06	21 06	29 06
Dacca	16 04	18 05	20 05	20 04	23 03	22 07
Dalbandin	...	...	28 13	34 15	34 15	33 23
D. I. Khan	...	...	...	...	...	...
Drosh	...	...	...	26 01	27 01	03 03
Fort Sandeman	...	...	...	08 03	31 13	31 23
Jacobabad	17 15	20 15	23 11	26 08	32 12	35 23
Jessore	28 03	27 01	28 03	31 03	...	...
Jhelum	13 06	19 07	24 05	27 06	32 11	31 13
Jiwani	31 05	...	...	...	...	...
Karachi	...	...	...	...	...	...
Khanpur	20 19	20 26	21 29	23 27	...	...
Lahore	18 09	21 11	24 10	27 12	28 13	31 10
Multan	22 26	24 26	26 11	29 08	27 07	...
Muscat	...	...	...	...	...	...
Panjgur	...	...	...	34 12	33 17	31 14
Peshawar	...	35 04	05 03	11 01	30 07	30 22
Quetta	...	...	...	...	23 03	27 06
Sharjah	...	...	...	...	...	...
Sylhet	...	...	...	...	...	...
Veraval	25 14	19 15	20 13	...	...	...

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	...	...	...	...	...	...	...	...	...	...	...
Chaklala	...	16 03	16 02	25 03	28 05	30 10	31 15	33 15	25 19	26 27	...
Chhor	23 18	22 23	...	...	...	...	...	...	...	...	...
Chittagong	19 15	20 19	11 20	...	...	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...
Dacca	...	...	...	...	...	...	...	...	...	...	...
Dalbandin	...	...	23 12	26 21	28 24	27 08	25 11	28 21	26 36	26 32	...
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	07 03	30 51	xx xx	xx xx	...	...	...
Fort Sandeman	...	...	...	25 04	26 04	31 12	23 07	...	...	...	...
Jacobabad	14 03	21 02	27 05	27 12	33 12	32 07	32 08	31 03	22 04	...	...
Jessore	16 01	16 02	24 02	...	...	...	...	...	...	...	...
Jhelum	15 03	17 04	18 03	28 04	32 06	31 07	32 13	32 21	32 18	...	...
Jiwani	17 04	26 05	35 07	35 09	34 12	03 15	31 11	34 09	26 07	21 04	09 10
Karachi	28 15	27 28	...	...	...	...	...	...	...	...	...
Khanpur	21 12	21 12	22 17	21 23	23 32	26 19	...	...	...	...	...
Lahore	25 08	25 08	25 09	25 07	28 05	30 09	31 18	31 45	32 27	33 27	...
Multan	20 12	22 12	26 10	27 04	21 07	26 04	22 10	...	...	...	...
Muscat	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	33 08	19 14	31 10	29 12	26 18	24 13	25 06	...
Peshawar	...	04 07	04 04	24 05	30 13	26 18	26 23	...	...	...	...
Quetta	...	...	...	...	30 02	31 02	28 03	27 06	...	...	...
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 (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 ...	16 10	18 09	20 06	20 05	21 03	22 07	22 09	20 06	12 04	09 05	...	...	...	...	...	...	...	...
Karachi ...	26 25	27 27	29 39	29 32	30 31	31 15	33 08	06 03	03 07	07 17	06 15	09 10	11 21	...	...	...	...	...
Peshawar ...	...	35 05	35 07	04 02	03 04	28 07	28 11	30 14	30 16	28 22	28 45	26 78	...	...	...	...	...	...
Quetta ...																		

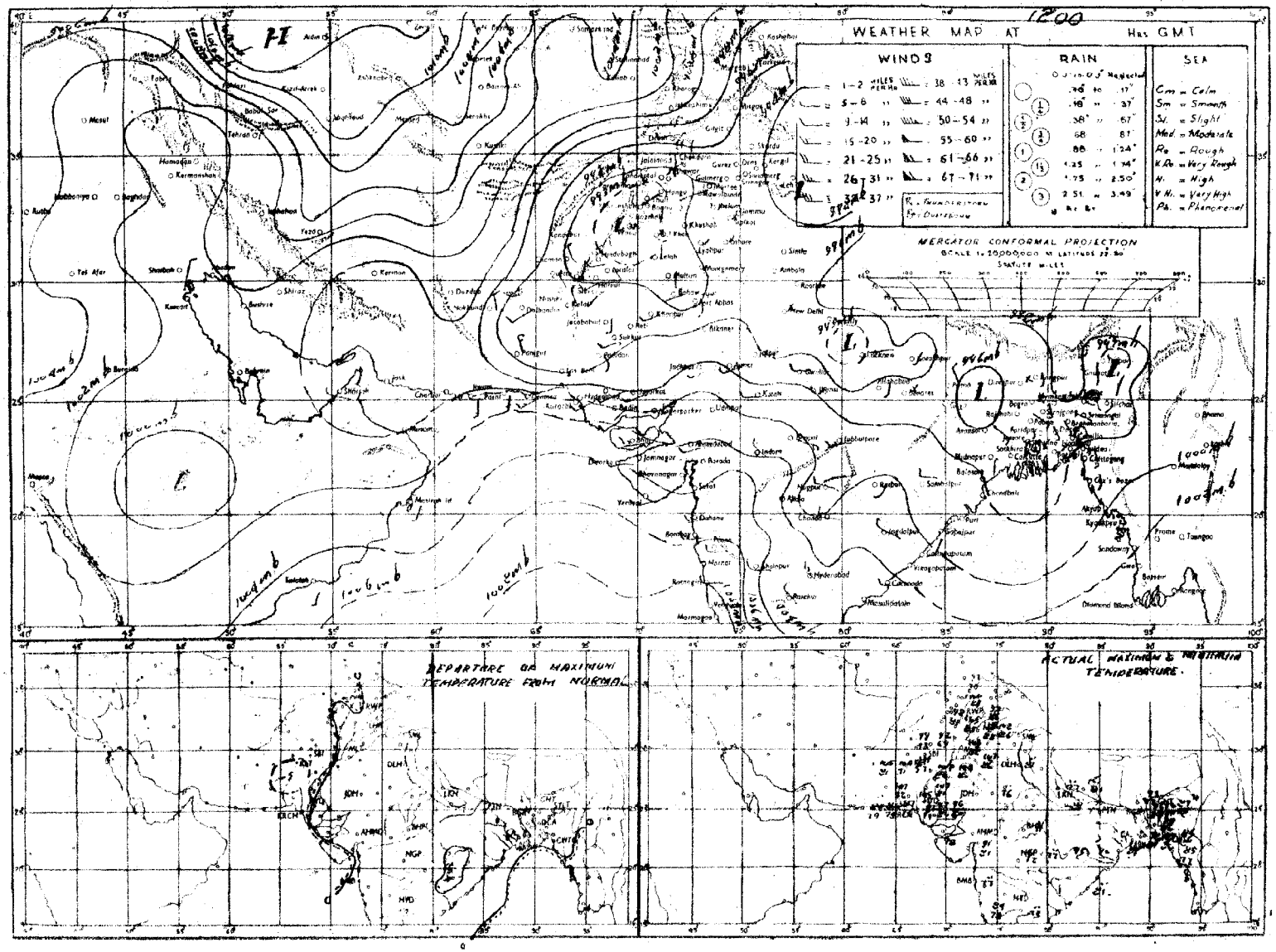
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

~~Cloud observation Data~~ (GGiii Cdd VrVr etc.)

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

PAKISTAN DAILY WEATHER MAP

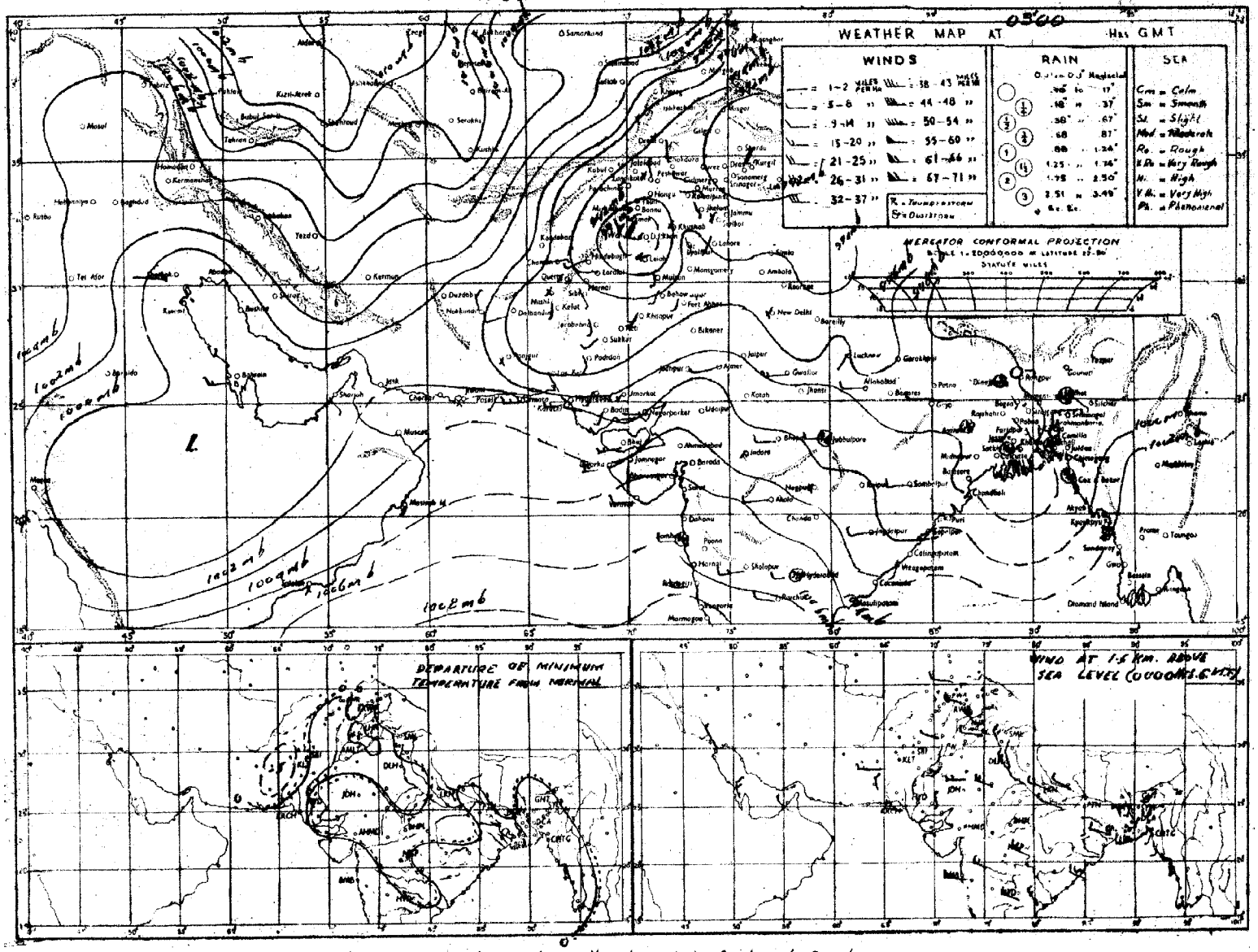
TUESDAY, 31st JULY, 1962.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY. 1st AUGUST. 1962.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

THURSDAY THE 2nd AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave over D. I. Khan and Peshawar divisions has moved away eastwards after causing local thunderstorms/showers in Rawalpindi and Peshawar divisions and scattered light rain in D. I. Khan division.

Another low pressure wave is, today, moving across Peshawar and Sargodha divisions.

Conditions have become unsettled in the head Bay of Bengal.

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

Chief amounts of rainfall are :—Dinajpur 3"; Cox's Bazar 2"; Khulna 1½"; Rangpur and Drosh 1" each; Sylhet 3/4"; Srimangal and Rawalpindi 1/2" each and Satkhira, Rangamati (upto 02,0000 E) and Chakdara 1/4" each.

Day temperatures were generally 3—6 °F (2—3 °C) above normal over the country outside Quetta, Kalat, Hyderabad and Karachi divisions.

Forecast valid until the evening of 3rd August, 1962 :—Rain/thundershowers will be fairly widespread in Chittagong division, local in Dacca and Khulna divisions and scattered in Rajshahi, Rawalpindi and Peshawar divisions and in Kashmir.

Karachi-11
The 2nd August, 1962.

OBSERVATIONS

M. AZHAR ADIL
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			
		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 1962 to date	Departure from normal	Since 1st January, 1962 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	Rangamati	013	1	7	23	02	95	03	2	961	82	7	4	3	2	x	79	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						—
	Cox's Bazar	009	8	7	13	13	97	03	5	952	83	5	4	4	1	x	79	xx	186	8	7	13	02	97	02	6	992	82	5	4	5	2	0	79	77	—	+ 1	72.3	+ 3.9	83.1	140
	Chittagong	000	0	6	13	13	97	03	2	945	83	4	5	6	1	0	79	88	000	0	6	13	08	97	02	2	973	84	3	4	6	1	0	77	78	+ 2	+ 2	53.0	+ 7.2	66.5	106
	Maijdee Court	001	9	6	16	09	96	02	0	952	85	0	0	9	2	x	77	88	015	9	6	13	02	96	03	2	975	83	2	1	5	2	x	82	80	+ 2	+ 2	41.2	− 4.7	60.9	115
	Comilla	000	0	8	18	05	97	02	2	xxx	88	8	4	5	x	x	90	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					94
	Brahmanbaria	000	0	7	18	02	97	03	1	956	86	2	5	5	2	0	81	88	000	0	6	13	05	97	03	1	979	83	6	5	9	x	x	79	80	—	—	26.5	− 0.6	44.2	78
	Sylhet	000	0	7	36	05	96	02	2	954	83	x	4	5	2	0	80	91	030	0	7	05	09	96	01	9	987	78	5	7	4	7	0	77	78			54.2	—	80.3	—
	Srimangal	000	0	0	00	00	96	00	0	952	90	0	0	9	0	0	78	91	045	3	4	09	12	96	03	5	987	92	4	0	4	0	0	79	79	0	+ 3	—	—	—	98
Dacca	Mymensingh	000	0	8	00	00	97	02	1	950	86	8	6	4	x	x	81	91	016	9	8	09	01	96	03	1	985	83	8	5	4	0	0	80	79	+ 3	+ 1	30.8	− 3.7	35.7	91
	Narayanganj	000	0	4	13	02	96	03	0	949	85	3	4	3	3	0	79	93	000	9	8	11	07	97	02	2	973	83	8	7	2	x	x	79	82	+ 5	+ 3	24.0	− 2.2	41.1	74
	Dacca (Tezgaon)	000	9	7	18	02	97	02	2	943	85	2	3	5	0	9	79	89	000	9	7	13	05	97	01	2	968	84	6	8	4	2	0	78	81	—	—	21.7	—	26.5	—
	Faridpur	000	0	5	16	07	96	02	2	994	88	x	x	6	1	0	81	89	000	0	8	16	02	97	02	2	965	85	6	5	6	1	0	81	81	+ 2	+ 2	19.6	− 6.9	24.5	71
Khulna	Barisal	000	0	4	27	02	97	02	2	953	87	4	0	9	4	0	79	90	002	4	8	00	00	96	02	5	970	87	8	7	6	0	0	81	82	+ 3	+ 4	28.3	− 4.2	41.2	81
	Khulna	157	3	6	00	00	97	01	6	944	82	6	5	5	0	0	79	89	157	0	4	00	00	97	01	2	967	85	4	5	5	0	0	81	80	+ 2	+ 2	22.6	− 5.1	30.1	68
	Satkhira	028	4	6	00	00	97	01	6	971	82	4	4	6	2	0	78	91	028	9	6	00	07	96	03	6	973	88	4	4	6	3	0	88	78	+ 3	0	26.5	+ 0.1	33.7	65
	Jessore	000	0	6	18	02	97	02	2	945	83	4	4	6	6	0	80	88	000	0	8	05	03	96	03	2	965	85	x	x	x	x	x	82	80	—	—	16.3	− 5.0	26.6	65
Rajshahi	Pabna	000	0	7	23	05	97	03	2	942	83	3	3	6	7	0	79	94	000	9	8	05	05	97	03	9	967	84	8	0	9	9	x	81	81	—	—	25.5	—	44.0	59
	Sirajganj	000	0	8	18	02	97	02	2	942	86	8	4	5	0	0	81	90	000	0	8	09	07	97	02	2	974	87	8	4	6	0	0	81	90	+ 3	+ 1	23.3	− 1.5	35.5	64
	Bogra	000	6	8	00	00	96	02	2	940	86	6	4	4	5	x	81	96	001	9	8	09	03	96	02	3	976	83	8	4	5	2	0	80	61	+ 8	+ 2	25.5	− 1.2	38.1	69
	Dinajpur	000	9	6	00	00	96	02	2	950	87	6	3	9	x	x	81	92	311	9	8	00	00	95	61	6	998	78	8	0	6	7	0	77	75	+ 3	− 4	20.9	− 9.1	28.1	72
	Rangpur	008	6	8	18	02	96	50	5	941	85	8	7	6	x	x	81	89	100	8	8	09	05	96	63	6	985	76	8	7	6	x	x	76	76	0	− 3	32.0	− 5.7	50.3	64
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	0	1	23	02	95	05	0	895	82	1	0	9	3	0	74	04	000	0	0	03	02	95	05	0	926	89	0	0	9	0	0	78	84	+ 6	+ 6	6.4	− 1.0	13.8	19
	Sialkot	000	0	3	05	07	97	00	0	902	90	3	4	6	1	1	76	02	000	0	0	00	00	97	00	0	927	86	0	0	9	0	0	76	81	+ 6	+ 2	7.4	− 3.2	13.6	32
Rawalpindi	Jhelum	000	3	3	09	03	96	02	9	893	95	1	1	7	1	0	73	02	000	8	8	31	02	96	01	5	933	86	0	0	9	0	0	71	80	—	—	9.5	—	14.6	
	Rawalpindi	000	8	1	09	03	97	05	2	877	99	1	2	7	0	0	74	00	056	8	1	00	00	97	05	9	944	84	1	0	9	0	3	69	xx	+ 5	—	5.3	− 5.6	16.9	36
	Campbellpur	000	0	0	00	00	97	00	1	857	02	0	0	9	0	0	73	02	000	0	2	00	00	97	01	0	927	84	6	0	8	1	1	71	78	—	—	5.2	—	5.5	—
Sargodha	Khushab	000	0	0	18	07	96	05	4	880	05	0	0	9	0	0	65	06	000	0	0	19	03	98	01	2	930	86	4	0	9	0	1	74	76	+ 5	− 6	—	—	—	15
	Lyallpur	000	0	0	13	02	97	00	0	891	03	0	0	9	0	0	74	03	000	0	5	16	02	96	02	2	930	84	0	0	9	0	2	73	81	+ 4	0	3.1	− 1.2	6.9	12
Multan	Montgomery	000	0	0	00	00	96	02	0	888	02	0	0	9	0	0	73	03	000	0	0	23	03	96	02	0	935	88	0	0	9	0	0	75	86	+ 1	+ 3	5.6	+ 2.1	8.1	10
	Multan	000	0	0	18	03	96	06	0	885	02	0	0	5	0	0	70	04	000	0	0	18	07	95	06	0	937	85	0	0	9	0	0	73	84	+ 4	0	0.3	− 2.4	2.0	7
	Leiah	000	0	0	18	03	97	00	0	934	00	0	0	9	0	0	53	13	000	0	0	18	02	97	00	0	958	98	0	0	9	0	0	79	82	—	—	—	—	—	8
Bahawalpur	Khanpur	000	0	0	23	05	95	05	0	868	05	0	0	9	0	0	70	06	000	0	0	20	10	95	05	0	923	81	0	0	9	0	0	73	77	+ 3	− 5	3.3	+ 0.4	4.3	6
	Bahawalpur	000	0	0	13	02	98	00	0	897	04	0	0	9	0	0	72	05	000	0	0	18	07	98	00	0	977	82	0	0	9	0	0	71	86	+ 4	+ 3	2.4	− 0.5	2.1	6
	Fort Abbas	000	0	0	23	04	98	00	0	890	06	0	0	9	0	0	77	07	000	0	0	19	02	98	00	0	948	94	0	0	9	0	0	73	77	—	—	0.1		0.4	8
Peshawar	Chakdara	000	0	0	13	01	97	00	0	859	87	0	0	9	0	0	73	07	000	0	0	18	01	97	00	0	916	87	0	0	9	0	0	68	72		—	3.0	—	12.2	—
	Peshawar	000	1	7	25	23	96	17	9	884	93	5	9	6	2	0	63	03	030	1	2	00	00	97	01	9	927	87	2	0	9	3	0	67	79	+ 3	0	0.2	− 1.6	6.8	11
	Haripur	000	0	0	23	01	95	05	0	884	94	0	0	9	0	0	74	00	030	0	0	36	01	97	00	0	936	84	0	0	9	0	0	69	75	2	—	11.5		18.2	—
D. I. Khan	Bannu	000	2	3	05	10	95	09	3	869	05	0	0	9	8	0	66	07	000	0	6	00	00	99	03	2	943	68	0	0	9	6	0	73	78	—	—	0.6	—	3.6	11
	D. I. Khan	000	0	8	00	00	97	03	0	873	05	8	8	8	0	0	75	08	000	2	6	00	00	98	02	1	930	84	5	0	9	0	6	77	82	+ 7	0	0.6	− 2.4	3.5	9
Quetta	Sibi	000	0	0	18	02	96	05	0	885	14	0	0	9	0	0	49	15	000	0	0	34	03	96	05	0	928	90	0	0	9	0	0	71	87	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	0	0	34	25	96	07	0	922	01	0	0	9	0	0	38	02	000	0	0	34	09	97	02	1	961	86	0	0	9	0	0	36	73	—	—	0	—	0.1	2
	Turbat	000	0	0	23	08	97	00	0	xxx	xx	0	0	9	0	0	82	00	000	0	0	00	00	97	00	0	xxx	83	0	0	9	0	0	xx	82	—	—	1.8	—	4.6	—
	Jiwani	000	0	0	18	09	97	02	1	966	84	0	0	9	0	0	74	86	000	0	8	00	00	96	03	2	978	81	8	8	4	0	0	75	78	—	—	1.2	—	1.9	5
	Pasni	000	0	0	20	16	95	05	1	963	84	0	0	9	0	0	75	88	000	3	0	29	07	96	05	1	979	81	0	0	9	0	0	77	77	— 1	0	0	− 0.7	0.2	6
Karachi Division	Ormara	000	0	2	07	12	94	03	1	963	85	2	1	6	0	0	73	87	000	0	8	27	07	94	03	2	577	81	8	1	5	0	0	77	79	—	—	1.0	—	2.0	6
	Lasbela	000	0	3	36	12	97	04	0	894	95	3	0	8	3	0	81	03	000	0	4	00	00	96	04	0	945	82	4	0	9	4	0	79	xx	—	—	—	—	0	8
	Karachi (Manora)	000	0	6	27	14	96	03	2	967	85	0	0	9	3	0	78	87	000	0	8	25	14	96	03	2	977	80	8	6	4	0	0	74	78	+ 2	— 1	3.0	− 1.1	3.8	8
	Karachi (Airport)	000	0	7	25	14	96	02	2	567	84	7	5	6	0	0	74	86	000	0	7	25	10	96	02	2	973	81	7	6	5	0	0	75	79	—	—	3.2	—	3.2	—
Hyderabad	Nagarparkar	000	0	3	23	02	97	00	0	000	89	0	2	7	0	0	84	90	000	8	4	27	05	97	00	0	973	82	0	4	7	0	0	76	68	—	—	4.0	—	4.0	—
	Umarkot	000	0	8	23	06	97	02	0	034	93	8	5	7	0	0	73	96	003	0	8	23	08	97	02	0	957	63	8	2	7	0	0	72	79	—	—	3.3	—	3.4	—
	Hyderabad	000	0	0	23	17	96	06	0	933	91	0	0	9	0	0	70	95	000	0	0	23	16	96	06	0	554	82	0	0	9	0	0	70	80	— 2	0	2.4	− 1.1	3.2	7
	Badin	000	0	0	23	09	97	00	0	986	92	0	0	9	0	0	75	94	000	0	0	23	05	97	00	0	994	82	0	0	9	0	0	72	83	+ 2	0	2.3	− 1.7	2.9	9
Khairpur	Padidan	000	0	0	13	09	98	02	0	896	09	0	0	9	0	0	57	10	000	0	0	18	07	97	02	0	919	63	0	0	9	0	0	69	78	—	—	2.0	—	2.6	—
	Nawabshah	000	0	0	18	10	96	02	0	911	05	0	0	9	0	0	67	09	000	0	0	18	05	96	02	0	938	84	0	0	9	0	0	69	80	—	—	—	—	—	—
	Sukkur	000	0	0	20	02	97	02	0	891	06	0	0	9	0	0	72	06	000	0	0	00	04	97	02	0	919	83	0	0	9	0	0	71	xx	—	—	0.9	—	0.9	4
	Kashmore	000	0	0	00	00	99	00	0	952	06	0	0	9	0	0	31	07	000	0	0	00	00	99	00	0	943	91	0	0	9	0	0	77	76	—	—	0.5	—	0.5	—
	Jacobabad	000	0	0	13	03	96	02	0	[illegible]	09	0	0	9	0	0	92	11	0.0	0	0	09	03	96	02	0	921	34	0	0	9	0	0	30	82	+ 6	— 1	0.1	− 1.2	1.0	4
Junagadh	Veraval	xxx	x	8	27	16	96	02	2	016	18	5		5	3	x	77	xx	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					20
Afghanistan	Jalalabad																																								
Arabia	Muscat																																								4
	Kuwait																																								5
	HILL STATIONS																																								
Kashmir	Srinagar •	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	xxx	x	8	00	00	92	91	1	393	72	1	2	7	3	0	62	58		—				26
	Gulmarg ••	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	xxx	x	6	09	04	97	02	2	055	61	2	4	5		0	54	56		—				—
	Sonamarg ••																																								71
	Dras ••	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	xxx	x	8	29	05	96	03	2	677	43	3	5	6	7	6	xx	xx		—				26
	Leh ••	xxx	x	2	33	10	99	03	0	938	79	0	1	9	4	0	41	82	xxx	x	2	33	06	98	03	1	007	55	2	8	8	3	0	36	56	—	—				8
	Skardu •	000	3	5	27	10	97	03	1	226	87	5	4	6	0	0	35	93	000	9	8	23	02	96	02	1	308	71	2	6	4	2	x	47	68	—	—				6
	Misgar ••	000	0	7	31	05	58	03	1	018	70	2	5	8	3	0	35	76	097	3	8	23	05	97	51	5	044	54	3	7	8	2	0	43	53	—	—				—
	Aliabad •																																								
	Gilgit •	000	0	6	23	03	97	03	2	402	92	8	5	7	x	x	62	69	000	0	8	00	00	98	02	2	400	73	8	5	8	x	x	64	69	—	—				5
Rawalpindi	Murree •	000	9	6	27	09	96	02	1	369	75	4	1	4	5	0	65	77	000	9	1	30	05	97	02	1	397	xx	0	0	9	0	0	54	60	+ 5	+ 2	15.3	− 1.9	33.6	59
Peshawar	Drosh •	000	0	4	23	09	96	29	9	327	92	4	8	7	3	0	45	99	120	7	4	00	00	98	01	9	409	78	4	7	0	6	0	61	xx	+ 3	—	3.8	—	15.9	18
	Cherat •	000	0	0	13	05	98	00	0	344	91	0	0	9	0	0	73	95	000	0	0	13	07	98	00	0	352	74	0	0	9	0	0	63	53	+ 8	— 18	7.6	+ 2.5	31.8	29
	Kakul •	000	6	2	23	03	96	05	1	365	86	2	2	7	0	0	67	89	000	9	2	09	02	97	01	9	289	77	2	4	7	0	0	63	67	—	—	12.4	—	27.9	—
	Landikotal •	000	0	7	13	05	94	29	9	348	91	7	2	7	1	1	64	99	000	0	2	00	00	98	01	1	376	83	2	0	9	0	3	63	73	—	—	0.5	—	12.2	
	Parachinar •	000	0	4	00	00	99	01	2	375	79	4	4	8	1	0	62	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					25
D. I. Khan	Miranshah •	000	0	8	05	44	97	20	3	358	99	8	4	8	0	0	89	01	000	0	0	00	03	99	00	0	970	79	0	0	9	0	0	67	71	—	—	0.2	− 2.4	2.1	12
	Wana •	000	0	0	13	03	98	00	0	513	94	0	0	9	0	0	75	98	000	0	0	00	00	98	00	0	573	79	0	0	9	0	0	54	73	—	—	4.1	—	12.4	11
Quetta	Fort Sandeman •	000	0	1	11	01	99	03	0	346	98	1	0	8	3	0	41	00	000	0	0	00	00	98	05	0	375	79	0	0	9	0	0	54	75	+ 5	+ 1	4.3	+ 1.4	9.1	11
	Hindubagh •	000	0	0	25	17	96	00	0	235	91	0	0	9	0	0	37	93	000	0	0	25	07	96	00	0	373	77	0	0	9	0	0	44	68	—	—	0.8	—	4.6	—
	Loralai •	000	0	4	18	03	99	00	1	352	92	0	0	9	1	1	71	96	000	0	3	27	02	99	00	1	378	78	0	0	9	1	2	45	65	—	—	1.1	—	5.2	9
	Harnai •	000	0	2	16	05	97	03	0	347	01	1	1	5	0	1	44	02	000	0	0	31	05	97	00	0	365	87	0	0	9	0	0	60	80	—	—	3.2	− 1.0	6.3	14
	Quetta •	000	0	0	31	02	96	00	0	387	88	0	0	9	0	0	61	91	000	0	0	00	00	96	00	0	400	75	0	0	9	0	0	56	62	—	—	0	− 0.2	4.2	9
	Chaman •	000	0	0	27	05	98	00	0	388	96	0	0	9	0	0	30	97	000	0	0	09	05	98	00	0	394	76	0	0	9	0	0	29	71	— 3	— 5	0	− 0.3	4.3	8
	Nushki •	000	0	0	27	05	98	02	0	416	99	0	0	9	0	0	40	01	000	0	0	09	05	98	02	0	426	83	0	0	9	0	0	40	80	—	—	0	—	1.6	—
	Dalbandin •	000	0	0	25	10	95	07	0	395	99	0	0	9	0	0	54	07	000	0	0	00	00	95	05	0	392	78	0	0	9	0	0	36	73	— 7	— 2	0	− 0.1	2.1	4
Kalat	Kalat •	000	0	0	31	05	96	00	0	394	81	0	0	9	0	0	76	86	000	0	0	18	03	98	00	0	402	73	0	0	9	0	0	69	56	— 4	— 5	0.1	− 0.7	2.1	7
	Panjgur •	000	0	0	34	03	97	02	0	400	98	0	0	9	0	0	49	99	000	0	0	00	00	97	02	0	406	82	0	0	9	0	0	45	74	— 2	— 2	0.3	—	1.3	6
Afghanistan	Kabul •																																								12
	Kandhar •																																								

† Given in Code,

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 2nd AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhCLhCMCH	DsVs a pp	8NsChshs	0TsTdTdTw	MwdwPwHw
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Sandi	43 187	546 00	8 23 24	98 0 20	068 81	80 0 00	63 1 25		00 1 77	12 2 45
Saljawara	43 157	696 00	3 27 13	96 0 11	090 81	84 4 00	80 6 19	—	00 0 76	12 7 22
Serenia	43 361	551 06	1 00 00	97 0 38	004 91	11 7 00	95 3 18	—	05 1 83	10 0 xx
Nederland	43 208	642 06	8 24 26	98 0 12	049 81	35 4 07	75 4 00	—	00 4 73	12 4 23
Utrecht	43 236	671 06	8 26 24	97 0 12	015 82	80 4 10	75 7 02	—	00 2 41	12 6 21
Caltex Utrecht	43 492	595 06	2 28 18	97 0 29	039 79	23 4 00	—	—	00 2 79	12 1 23
Nederland	43 214	628 12	7 24 25	99 0 22	998 79	17 4 7x	75 3 7x	—	00 1 76	12 4 23
Bay of Bengal										
Nicobar	43 197	892 00	7 22 11	98 0 30	002 85	70 x xx	33 6 25	8xx xx	00 1 81	12 1 27
Makawamaru	42 162	936 00	8 24 15	96 0 32	025 81	75 4 xx	34 7 15	—		
Shama	42 212	917 00	4 07 10	98 0 12	027 82	49 3 95	16 1 x0	—	05 1 78	

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
			HHHTTTTdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	xxx xxx xxx	—	—	138 192 165	—	303 115 993	430 065 993	—	—	—	—	—	—
Ishurdi ...														
Karachi ...	00 00	994 368 232	—	—	139 258 052	—	307 032 122	435 082 995	581 525 995	734 632 992	968 755	250 980	143 122	...
Lahore ...	00 00	969 323 233	570 xxx xxx	—	140 262 185	—	312 172 002	430 068 519	586 500 950	762 600 990	—	—		—
Multan ...														
Peshawar ...	00 00	952 282 212	—	—	136 245 154	—	303 168 055	432 092 008	580 502 998	786 58x xxx	976 643	273 812		—
Quetta ...	00 00	—	—	—	—	—	—	—	—	—	—	—		—

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE St.HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 208 192	—	...	—	...	..	...	—	...	900 208 192	...	—
Ishurdi ...													
Karachi ...	00 00	900 323 358	800 232 202	—	...	—	...	—	...	...	800 232 202	...	—
Lahore ...	00 00	900 298 205	800 235 165	...	...	—	—	..	...	—	800 235 168	—	..
Multan ...													
Peshawar ...	00 00	800 212 132	—	...	—	...	—	—	—	—	800 212 132	—	..
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*

Columns 2–10: At 1200 hrs. G.M.T. † of Previous day (dd ff). Columns 11–16: At 0000 hrs. G.M.T. † of date (dd ff). Columns 17–27: At 0000 hrs. G.M.T. † of date (dd ff).

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.5	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 09	18 09	18 09	19 05	16 05	—	—	—	—	—	—	—	—	—	—	06 13	10 19	09 14	10 02	—	—	—	—	—	—	—
[illegible] ...	—	23 03	36 02	24 04	28 07	31 09	30 19	31 07	28 18	—	22 04	14 05	15 04	27 03	31 05	—	06 05	10 04	12 03	22 09	31 07	—	—	—	—	—
Chhor ...	24 19	21 14	24 10	30 03	32 06	30 10	22 10	31 04	02 03	23 25	22 19	23 29	—	—	—	23 25	22 19	23 29	—	—	—	—	—	—	—	—
Chittagong ...	10 21	16 30	16 20	14 16	12 15	—	—	—	—	21 24	24 33	24 35	—	—	—	17 13	17 11	17 10	15 12	14 10	13 07	—	—	—	—	—
Cox's Bazar ...	19 15	—	—	—	—	—	—	—	—	18 08	30 09	20 09	—	—	—	17 06	17 12	17 17	—	—	—	—	—	—	—	—
Dacca ...	47 19	18 17	18 13	16 06	18 08	19 06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dalbandin ...	—	—	24 09	24 12	28 17	01 05	35 20	01 11	02 03	—	—	25 19	30 11	27 10	26 05	—	—	25 14	34 11	32 04	27 08	29 05	25 10	23 10	24 19	26 17
D.I. Khan ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
[illegible] ...	—	—	—	—	21 10	23 09	—	—	—	—	—	—	—	—	—	—	—	—	—	25 22	36 02	22 07	21 10	21 13	23 19	—
Fort Sandeman ...	—	—	—	27 01	21 03	23 05	—	—	—	—	—	—	25 01	30 11	31 13	—	—	—	32 37	38 03	25 07	—	—	—	—	—
Jacobabad ...	16 06	19 06	21 06	29 05	27 07	07	33 19	—	—	18 12	28 14	32 45	25 12	34 09	31 06	10 07	04 06	35 08	33 10	31 10	36 06	36 02	24 03	22 08	30 15	30 28
Jessore ...	14 02	13 06	16 05	—	—	—	—	—	—	03 09	01 05	20 17	36 04	02 13	—	07 10	04 07	04 08	—	—	—	—	—	—	—	—
[illegible] ...	08 04	17 32	25 04	35 08	27 10	31 13	19 16	28 13	26 15	20 08	11 09	08 05	22 03	26 15	28 26	36 01	36 03	32 01	27 06	01 05	33 09	32 xx	30 13	27 18	27 35	—
[illegible] ...	20 08	21 06	37 04	34 12	34 20	33 26	32 22	28 23	38 17	19 04	33 09	30 15	22 15	31 15	33 17	14 07	15 06	—	—	—	—	—	—	—	—	—
Karachi ...	25 39	26 30	27 17	—	—	—	—	—	—	—	—	—	—	—	—	25 19	26 25	—	—	—	—	—	—	—	—	—
Khanpur ...	23 13	21 07	21 10	21 13	24 12	28 12	27 19	—	—	19 15	19 22	19 31	26 41	—	—	21 10	22 10	22 09	23 03	25 02	19 04	23 03	22 13	30 11	30 30	24 27
Lahore ...	25 03	26 03	26 05	23 02	23 09	26 10	31 15	31 19	31 22	09 10	13 10	17 07	23 09	27 11	29 08	26 08	26 07	27 09	27 08	27 10	—	—	—	—	—	—
Multan ...	20 15	21 16	21 21	31 13	22 09	17 09	—	—	—	20 19	22 27	27 28	—	—	—	24 07	30 09	32 09	33 13	—	—	—	—	—	—	—
[illegible] ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Panjgur ...	—	—	—	32 06	30 11	30 15	26 21	25 16	26 18	—	—	—	30 14	32 15	35 22	—	—	—	30 40	30 12	31 09	27 09	22 21	—	—	—
Peshawar ...	—	20 08	17 08	15 09	14 04	04 16	—	—	—	—	36 03	24 01	29 04	29 04	29 09	—	09 07	09 07	35 08	39 13	39 08	—	—	—	—	—
Quetta ...	—	—	—	—	29 15	28 09	—	—	—	—	—	—	—	19 02	23 07	—	—	—	—	39 03	31 04	11 09	16 12	22 27	—	—
[illegible] ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sylhet ...	05 06	16 03	18 06	19 08	—	03 09	—	—	—	No	Ascent	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
[illegible] ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

†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	15.1	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 13	09 11	11 06	11 10	10 07	12 10	—	—	—	—	—	—	—	—	—	—	—	—
Karachi ...	26 24	28 27	29 31	29 38	29 25	31 31	31 15	24 11	19 08	11 09	12 12	07 06	11 08	14 08	—	—	—	—
Peshawar ...	..	15 10	27 15	35 08	32 13	29 34	29 15	32 10	20 10	20 19	28 30	30 37	29 32	—	—	—	—	—
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.

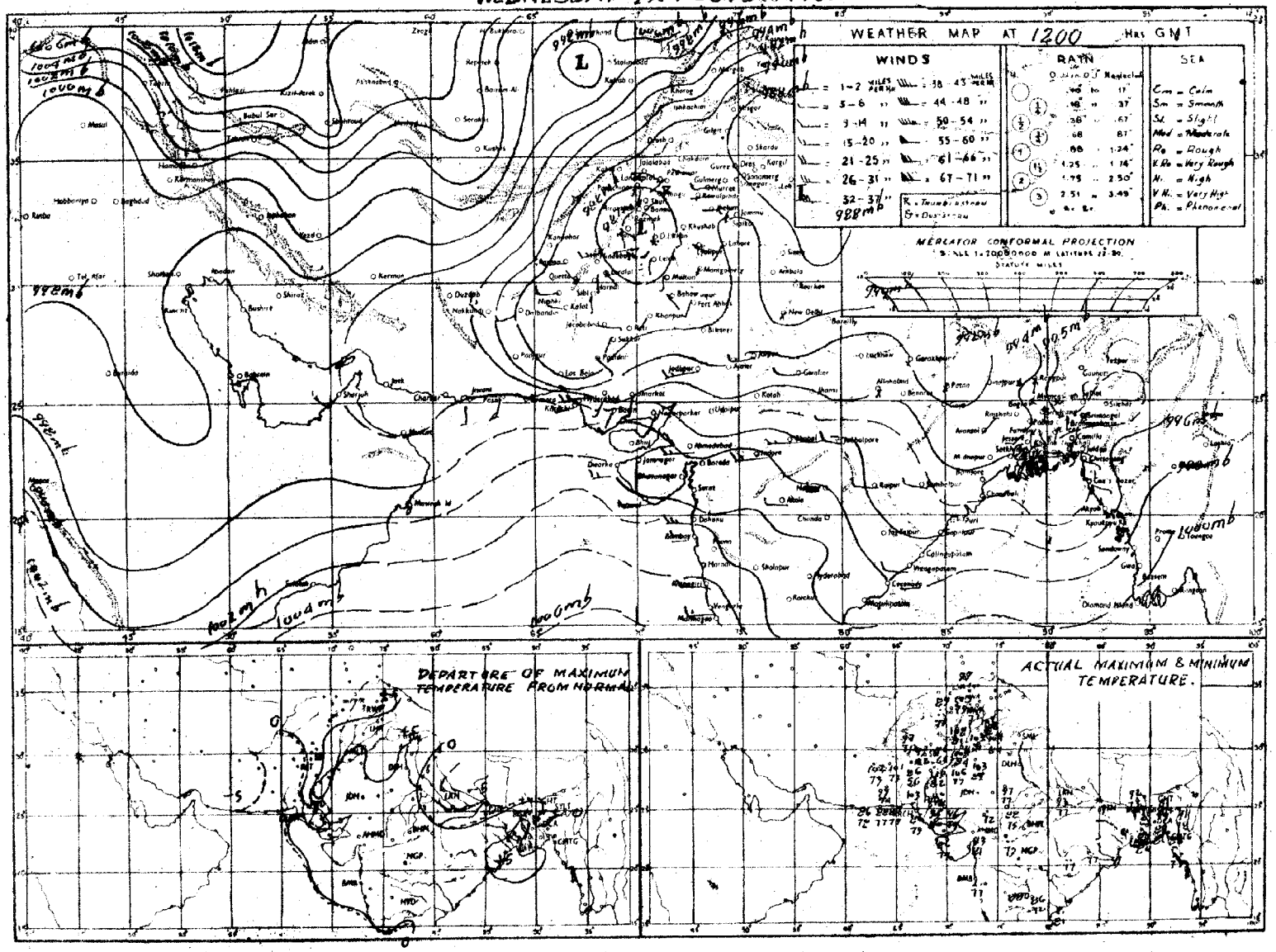
Cloud observation Data (GGiii Cdd VrVr etc.)

06 580 32 906
06 371 32 612

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

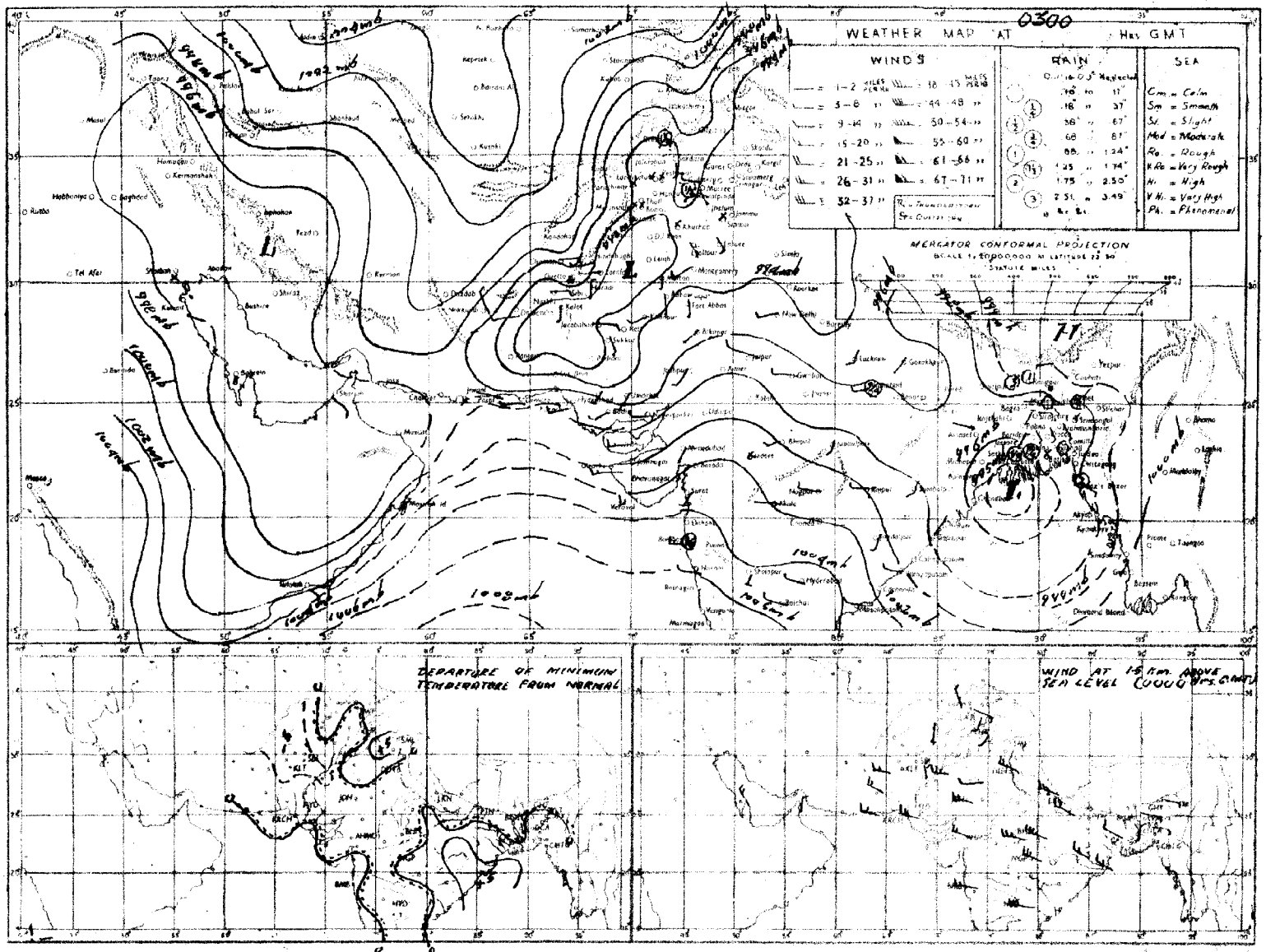
WEDNESDAY 1st AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY, 2nd AUGUST, 1962.



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. 16

FRIDAY THE 3rd AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Conditions continue to be unsettled in the north Bay of Bengal off Sunderbans Coast.
Rain/thundershowers have been fairly widespread in Dacca division and local elsewhere in East Pakistan.
Yesterday's low pressure wave over Peshawar and Sargodha divisions moved away eastwards.
A fresh westerly low pressure wave lies over Afghanistan and adjoining areas.
Weather remained dry over West Pakistan.
Chief amounts of rainfall are :—Rangamati 2"; Faridpur and Dinajpur 3/4" each and Brahamanbaria and Satkhira 1/4" each.
Day temperatures were 3—5 °F (2—3 °C) above normal in Lahore, Rawalpindi and Chittagong divisions.
Forecast valid until the evening of 4th August, 1962 :—Rain/thundershowers will be fairly widespread in the southern districts and local elsewhere in East Pakistan.
A few dust/thunderstorms are also likely to occur in Rawalpindi, Peshawar, D. I. Khan and Quetta divisions.

Karachi-11
The 3rd August, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	—	000	3	7	18	02	96	05	9	961	85	3	7	7	8	x	79	93
	Cox's Bazar	—	000	0	7	22	03	97	02	2	952	83	4	8	5	4	0	79	88
	Chittagong	—	000	0	8	23	05	97	03	3	948	84	5	8	9	8	3	xx	88
	Maijdee Court	—	000	9	6	18	05	96	03	3	949	85	6	2	5	0	0	80	88
	Comilla	—	000	0	8	18	05	97	02	2	978	86	8	4	4	x	x	81	91
	Brahmanbaria	—	000	0	7	00	03	97	03	1	949	87	7	4	4	5	0	81	91
	Sylhet	—	000	9	6	03	00	96	01	5	949	86	3	8	6	3	1	79	87
	Srimangal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dacca	Mymensingh	—	000	0	8	00	00	97	02	1	955	87	8	5	4	x	x	80	88
	Narayanganj	—	000	9	8	13	02	96	03	2	948	87	8	4	2	x	x	83	90
	Dacca (Tezgaon)	—	000	6	8	18	09	97	03	6	946	88	5	5	4	2	x	80	89
	Faridpur	—	000	0	7	16	05	96	00	2	956	87	6	4	5	1	0	80	89
Khulna	Barisal	—	000	0	8	00	03	96	00	3	946	85	6	7	6	4	0	78	89
	Khulna	—	010	7	6	00	00	96	03	6	946	83	6	5	6	0	0	79	88
	Satkhira	—	000	0	7	08	00	96	03	2	963	85	4	4	4	2	0	79	91
	Jessore	—	000	6	6	18	03	96	02	3	939	85	4	4	5	6	0	81	90
Rajshahi	Pabna	—	090	0	6	00	03	98	03	2	943	87	3	3	6	3	2	80	90
	Sirajganj	—	000	0	8	00	00	96	02	3	945	87	8	2	5	0	0	80	90
	Bogra	—	000	0	5	09	09	96	02	2	947	87	4	5	9	1	0	79	89
	Dinajpur	—	070	9	8	00	00	96	02	6	951	82	5	0	9	1	0	77	83
	Rangpur	—	010	8	6	12	02	96	01	6	959	83	2	5	6	2	0	79	85
Kashmir	Jammu	—																	
Lahore	Lahore (Jail Rd.)	—	000	0	0	27	03	95	05	0	900	01	0	0	9	0	0	76	02
	Sialkot	—	000	0	2	00	00	97	02	0	895	00	2	2	6	x	x	71	00
Rawalpindi	Jhelum	—	000	0	9	23	02	96	02	0	895	02	0	0	9	0	0	70	02
	Rawalpindi	—	000	0	2	18	03	97	05	4	900	96	2	0	9	3	0	69	96
	Campbellpur	—	000	0	2	23	02	97	01	1	855	99	0	0	9	1	1	66	00
Sargodha	Khushab	—	000	0	0	18	03	96	05	4	899	03	0	0	9	0	0	79	03
	Lyallpur	—	000	0	0	18	02	96	00	0	801	02	0	0	9	0	0	78	02
Multan	Montgomery	—	000	0	0	03	00	96	02	0	902	92	0	0	9	0	0	68	99
	Multan	—	000	0	0	18	02	92	06	0	900	00	0	0	9	0	0	71	02
	Leiah	—	000	0	0	23	01	97	00	0	940	02	0	0	9	0	0	73	11
Bahawalpur	Khanpur	—	000	0	0	03	03	96	02	0	927	02	0	0	9	0	0	75	xx
	Bahawalpur	—	000	0	0	00	00	96	00	0	900	02	0	0	0	0	0	73	03
	Fort Abbas	—	000	0	0	18	00	98	00	0	901	05	0	0	9	0	0	73	06
Peshawar	Chakdara	—	000	0	0	13	01	97	00	0	0F2	96	0	0	9	0	0	65	98
	Peshawar	—	000	0	1	07	05	97	01	1	889	00	1	0	9	3	0	60	01
	Haripur	—	000	0	0	13	01	97	00	0	895	96	0	0	9	0	0	87	98
D. I. Khan	Bannu	—	000	0	0	05	00	99	02	2	895	98	0	0	9	0	0	70	99
	D. I. Khan	—	000	0	6	30	02	99	03	1	899	99	0	0	9	0	6	75	00
Quetta	Sibi	—	000	0	0	18	02	96	05	0	881	14	0	0	9	0	0	57	15
Kalat	Nokkundi	—	000	0	0	34	05	98	02	0	9.1	02	0	0	9	0	0	36	00
	Turbat	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jiwani	—	000	0	1	16	10	97	03	1	953	04	1	0	9	3	0	79	87
	Pasni	—	000	7	6	20	18	98	03	1	958	05	0	0	9	4	3	76	89
Karachi Division	Ormara	—	000	0	4	27	14	94	03	2	953	86	4	1	6	0	0	74	89
	Lasbela	—	000	3	3	00	00	97	03	0	895	95	3	0	8	3	0	83	02
	Karachi (Manora)	—	000	0	6	25	12	96	03	1	983	80	6	6	4	0	0	77	08
	Karachi (Airport)	—	000	0	7	25	16	96	03	2	966	83	7	6	5	0	0	74	87
Hyderabad	Nagarparkar	—	000	0	0	27	04	97	00	0	930	94	0	0	9	0	0	86	95
	Umarkot	—	000	0	0	26	04	98	03	0	940	92	0	5	7	0	0	71	96
	Hyderabad	—	000	0	0	30	10	96	06	0	943	94	0	0	9	0	0	77	94
	Badin	—	000	0	0	23	05	97	03	0	982	91	6	0	9	0	1	77	94
Khairpur	Padidan	—	000	0	1	33	10	97	03	0	896	08	0	0	9	0	0	56	09
	Nawabshah	—	000	0	0	18	07	96	02	0	917	03	0	0	9	0	0	67	05
	Sukkur	—	003	0	0	24	03	96	02	0	899	06	0	0	9	0	0	35	07
	Kashmore	—	000	0	0	18	02	97	00	0	942	xx	0	0	9	0	0	81	07
	Jacobabad	—	000	0	0	09	03	96	02	0	894	06	0	0	9	0	0	89	06
Junagadh	Veraval	—																	
Afghanistan	Jalalabad	—																	
Arabia	Muscat	—																	
	Kuwait	—																	
	HILL STATIONS																		
Kashmir	Srinagar	* —																	
	Gulmarg	** —																	
	Sonamarg	** —																	
	Dras	** —																	
	Leh	** —																	
	Skardu	* —																	
	Misgar	** —																	
	Astore	* —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gilgit	* —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rawalpindi	Murree	* —	009	0	7	11	03	94	02	1	369	75	5	5	3	0		61	78
Peshawar	Drosh	* —	000	0	9	29	07	97	01	2	365	91	2	2	7	6	0	52	95
	Cherat	* —	000	0	0	31	11	98	02	0	363	88	0	0	9	0	0	60	92
	Kakul	* —	000	0	1	20	03	96	05	1	374	85	1	1	7	9	0	65	88
	Landikotal	* —	000	0	2	13	05	97	03	0	359	93	2	0	9	3	0	71	97
	Parachinar	* —	000	0	5	13	02	99	03	0	354	85	5	1	9	1	0	50	86
D. I. Khan	Miranshah	* —	000	0	6	05	05	98	03	2	374	93	6	4	8	0	0	81	94
	Wana	* —	000	0	7	00	00	98	01	1	509	90	7	3	9	6	0	68	94
Quetta	Fort Sandeman	* —	000	0	3	25	02	99	01	0	359	90	2	0	8	3	0	41	98
	Hindubagh	* —	000	0	0	25	00	97	00	0	335	95	0	0	9	0	0	46	93
	Loralai	* —	000	0	4	16	08	98	01	1	350	94	0	0	9	1	1	48	96
	Harnai	* —	000	0	0	31	08	97	00	0	351	01	0	0	5	0	0	40	83
	Quetta	* —	000	0	0	27	02	96	00	0	362	00	0	0	9	0	0	66	93
	Chaman	* —	000	0	0	27	09	96	00	0	365	98	0	0	9	0	0	10	04
	Nushki	* —	000	0	0	27	05	96	02	0	394	97	0	0	9	0	0	45	89
	Dalbandin	* —	000	0	0	25	09	96	02	0	391	00	0	0	9	0	0	39	03
Kalat	Kalat	* —	000	0	0	36	05	96	00	0	377	84	0	0	9	0	0	81	87
	Panjgur	* —	000	0	0	34	04	98	00	0	300	00	0	0	9	0	0	51	01
Afghanistan	Kabul	* —																	
	Kandahar	* —																	

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

Stations	Rainfall in Cents RRR (20)	Past weather commenced at † Wx (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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati	233	9	x	xx	xx	98	05	6	004	83	4	0	5	7	x	79	82	—	—				—
Cox's Bazar	000	0	7	20	13	97	02	2	983	83	4	6	5	2	0	77	79	+ 3	+ 3	72.3	+ 3.1	83.1	143
Chittagong	730	0	6	11	01	97	02	1	988	85	3	4	6	1	3	78	79	+ 2	+ 3	53.0	+ 6.5	66.5	108
Maijdee Court	000	9	7	33	05	97	03	3	990	86	3	4	5	0	2	77	81	+ 2	+ 3	41.2	— 5.5	68.9	115
Comilla	000	0	8	18	05	97	02	2	988	88	8	4	4	x	x	80	74	+ 4	— 3	34.9	+ 0.4	99.1	94
Brahmanbaria	034	9	5	11	02	97	03	9	987	88	2	1	5	0	8	81	81	—	—	26.8	— 9.7	64.6	78
Sylhet	002	9	7	80	00	97	02	9	982	89	1	5	6	9	2	79	79	—	—	54.3	—	80.5	—
Srimangal	000	0	0	00	0	96	00	0	976	89	0	0	9	0	0	79	79		+ 3	36.2	+ 3.3	36.6	99
Mymensingh	006	9	6	07	00	96	03	0	xxx	xx	6	3	5	0	0	80	80	0	+ 2	30.9	— 4.1	35.8	91
Narayanganj	017	9	7	11	05	97	03	2	985	88	3	4	3	0	0	78	82	+ 2	+ 3	24.2	— 3.4	31.3	74
Dacca (Tezgaon)	011	9	6	13	05	97	02	6	980	86	2	8	9	0	1	79	79	—	—	21.8		36.6	
Faridpur	003	0	8	16	03	97	02	2	953	86	6	5	6	1	0	79	79	+ 1	0	20.5	— 6.5	33.3	71
Barisal	000	0	8	00	03	97	02	2	954	88	8	0	9	4	0	78	81	+ 2	+ 3	28.3	— 4.5	40.3	81
Khulna	010	0	4	09	03	97	01	2	xxx	xx	4	5	6	0	0	81	80	+ 1	+ 2	22.7	— 5.5	30.2	60
Satkhira	033	0	6	00	03	97	03	6	994	88	4	4	6	2	0	81	88	+ 3	+ 2	26.9	+ 0.1	34.0	63
Jessore	003	0	7	09	03	97	03	2	990	86	7	7	6	0	0	81	80	—	—	16.3	— 9.3	26.6	68
Pabna	023	8	7	13	05	98	03	9	970	87	4	2	7	0	2	79	81	—	—	25.6	—	44.1	89
Sirajganj	000	0	8	00	00	97	02	2	983	85	8	1	5	4	8	81	80	+ 3	+ 1	23.3	— 1.9	35.5	64
Bogra	003	0	7	09	02	96	03	2	987	84	6	6	4	2	0	81	xx	+ 1	—	35.5	— 1.6	30.1	69
Dinajpur	079	9	4	00	00	96	02	2	987	86	4	0	9	2	0	79	77	— 6	— 2	21.7	— 8.8	30.9	72
Rangpur	011	0	6	09	05	96	03	1	992	84	5	5	6	1	0	80	xx	— 4	—	32.1	+ 1.1	51.3	84
Jammu																							—
Lahore (Jail Rd.)	000	0	0	23	02	95	05	0	937	89	0	0	9	0	0	76	84	+ 4	+ 6	6.4	— 1.2	33.0	19
Sialkot	000	0	0	00	00	97	00	0	xxx	91	0	0	9	0	0	80	84	+ 4	+ 5	7.4	— 4.1	13.0	33
Jhelum	000	0	0	03	00	95	05	0	928	93	0	0	9	0	0	74	85	—	—	8.5	—	14.6	
Rawalpindi	000	0	1	01	02	96	05	4	931	89	1	0	9	0	1	76	80	+ 1	+ 4	5.3	— 5.0	16.0	36
Campbellpur	000	0	0	00	00	98	00	1	926	84	0	0	9	0	0	75	81	—	—	5.2	—	5.8	
Khushab	000	0	0	00	00	96	00	0	922	96	0	0	9	0	0	81	85	+ 2	+ 3	1.1	— 4.6	6.1	15
Lyallpur	002	0	5	25	02	96	02	2	941	88	0	0	9	0	4	72	87	+ 3	+ 6	3.1	— 1.3	6.9	13
Montgomery	003	0	0	23	03	96	02	0	942	86	0	0	9	0	0	72	84	— 3	+ 1	5.6	+ 1.9	8.1	10
Multan	003	0	0	18	07	95	07	0	937	83	0	0	9	0	0	71	83	+ 3	— 1	0.9	— 2.5	2.0	7
Leiah	000	0	0	18	03	97	00	0	968	90	0	0	9	0	0	75	83	—	—	—		—	8
Khanpur	000	0	0	23	10	95	05	0	944	81	0	0	9	0	0	73	77	—	— 5	3.3	+ 0.3	4.3	4
Bahawalpur	003	0	0	13	07	98	00	0	963	82	0	0	9	0	0	71	86	+ 1	+ 3	2.4	+ 0.4	1.1	6
Fort Abbas	000	0	0	20	02	98	00	0	955	83	0	0	9	0	0	73	81	—	—	0.1	—	0.4	8
Chakdara	000	0	0	36	02	97	00	0	925	80	0	0	9	0	0	68	74	—	—	3.0	—	12.2	—
Peshawar	000	0	1	00	00	97	02	1	928	87	1	0	9	3	0	60	81	+ 1	+ 2	0.2	— 1.7	6.8	11
Haripur	000	0	0	05	01	97	00	0	931	86	0	0	9	0	0	70	77	—	—	11.5		18.2	—
Bannu	000	0	0	00	03	99	00	0	920	89	0	0	9	0	0	71	82	—	—	0.6	—	3.6	11
D. I. Khan	000	2	6	03	00	98	00	0	926	89	0	0	9	0	6	81	81	— 1	+ 1	0.6	— 2.5	2.5	9
Sibi	000	0	0	33	02	96	08	0	743	89	0	0	9	0	0	70	87	—	—	2.6	—	3.7	5
Nokkundi	000	0	0	34	19	97	07	0	939	90	0	0	9	0	0	29	80	—	—	0	—	0.1	2
Turbat	000	0	0	28	02	97	06	0	981	91	0	0	9	0	0	xx	xx	—	—	1.0	—	4.6	—
Jiwani	000	0	3	13	05	97	01	1	985	82	3	6	4	0	0	75	89	—	—	1.2	—	1.9	5
Pasni	003	3	8	11	07	96	03	1	980	80	8	3	7	0	0	76	78	0	— 1	0	— 0.8	0.3	4
Ormara	000	0	8	27	05	94	03	2	985	82	8	1	6	0	0	75	80	—	—	1.0	+ 0.7	2.0	6
Lasbela	000	0	2	09	01	97	03	0	999	04	3	0	8	3	0	81	xx	—	—	0		0	8
Karachi (Manora)	700	0	7	25	10	96	03	2	986	81	7	6	4	0	0	75	79	+ 3	0	3.0	— 1.2	3.0	8
Karachi (Airport)	003	0	7	25	07	96	01	2	989	81	7	6	5	0	0	75	79	—	—	3.2		3.2	—
Nagarparkar	000	0	4	31	04	97	00	0	980	82	0	4	8	0	0	76	81	—	—	4.0	—	4.0	—
Umarkot	003	0	0	21	08	96	02	0	871	83	0	5	7	0	0	71	83	—	—	3.3	—	3.4	—
Hyderabad	000	0	3	23	16	97	03	0	946	82	0	0	9	0	1	72	81	— 3	0	2.4	— 1.3	3.2	7
Badin	000	0	8	23	05	97	01	0	015	81	8	0	9	0	1	73	80	+ 2	0	2.3	— 1.5	3.9	9
Padidan	000	0	0	13	10	97	02	0	937	84	0	0	9	0	0	69	80	—	—	2.0	—	2.6	—
Nawabshah	000	0	0	18	07	96	02	0	953	81	0	0	9	0	6	69	83	—	—	2.4	—	2.8	—
Sukkur	000	0	0	20	05	97	02	0	940	83	0	0	9	0	0	71	80	—	—	0.9	—	0.9	4
Kashmore	000	0	0	00	00	99	00	0	928	90	0	0	9	0	0	79	76	—	—	0.8	—	0.8	—
Jacobabad	000	0	0	09	07	96	02	0	931	33	0	0	9	0	0	79	81	+ 1	— 2	0.1	— 1.2	1.0	4
Veraval																							30
Jalalabad																							
Muscat																							4
Kuwait																							5
Srinagar																							26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Astore	012	9	6	18	02	98	01	2	060	50	3	1	8	6	0	48	50		—				—
Gilgit	000	8	4	00	00	98	01	1	426	75	4	5	8	0	0	61	66		—				8
Murree	000	9	7	06	03	97	0	1	399	68	0	0	9	0	0	54	61	+ 6	+ 3	15.3	— 2.3	33.6	89
Drosh	000	3	0	00	00	97	05	4	403	78	0	0	9	0	0	90	68	— 1	— 5	3.8	—	15.8	18
Cherat	000	0	0	05	05	98	00	0	363	80	0	0	9	0	0	73	55	+ 5	— 16	7.6	+ 2.3	31.8	29
Kakul	000	9	1	18	02	96	05	1	795	79	1	1	7	0	0	67	73	—	—	12.4	—	27.9	—
Landikotal	000	0	0	00	00	97	00	0	389	86	0	0	9	0	0	65	71	—	—	0.5	—	12.2	—
Parachinar	000	0	3	00	00	99	00	0	377	74	3	0	9	1	0	55	67	+ 1	+ 1	5.3		18.9	29
Miranshah	000	0	0	00	0	99	00	0	383	87	0	0	9	0	0	78	78	—	—	0.2	— 3.5	2.8	13
Wana	020	0	0	00	00	98	00	0	513	80	0	0	9	0	0	59	73	—	—	4.4	—	12.4	11
Fort Sandeman	000	0	0	00	00	99	03	0	407	83	0	0	9	0	0	61	79	+ 3	+ 5	4.3	+ 2.4	9.1	11
Hindubagh	000	0	0	00	00	97	00	0	303	79	0	0	9	0	0	44	69	—	—	0.8	—	4.6	—
Loralai	000	0	0	00	00	99	00	1	387	93	0	0	9	0	0	53	65	—	—	1.1	—	5.8	9
Harnai	000	0	0	31	03	97	00	0	346	05	0	0	9	0	0	54	83	—	—	3.2	— 1.1	6.3	14
Quetta	030	0	0	00	00	96	06	0	414	79	0	0	9	0	0	57	63	—	—	0	— 0.7	4.2	9
Chaman	000	0	0	09	05	98	00	0	401	86	0	0	9	0	0	27	6x	— 4	—	0	— 0.4	1.3	8
Nushki	000	0	0	00	00	98	00	0	446	00	0	0	9	0	0	43	79	—	—	0	—	1.6	—
Dalbandin	003	0	0	13	02	94	02	0	396	00	0	0	9	0	0	43	71	— 6	— 4	0	— 0.1	7.1	4
Kalat	000	0	0	18	02	96	00	0	416	48	0	0	9	0	0	48	67	— 3	— 4	0.1	— 0.7	2.1	7
Panjgur	000	0	0	00	00	97	00	0	404	79	0	0	9	0	0	73	72	— 8	— 4	0.3	—	1.3	8
Kabul																							
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 as RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 3rd AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_wT_wT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Riyadhmari	53 162	698 06	8 30 17	97 0 32	070 84	74 3 xx	76 4 00	...	00 4 xx	13 0 34
Tobrak	53 113	516 06	0 20 46	97 0 08	110 76	00 9 00	73 4 00	...	00 6 69	11 9 76
Fot Bombay	52 017	050 06	7 22 09	97 0 12	084 82	58 5 70	xx 7 12	82 8 20	00 0 76	12 2 21
Tobruk	53 119	512 12	0 14 12	96 0 00	060 84	00 9 00	13 6 50	...	00 9 74	11 8 54
Jalankreshna	53 168	635 18	6 20 20	96 0 32	069 81	68 6 00	...	...	...	...
Tobrak	53 124	514 18	0 22 02	97 0 00	050 88	00 9 00	63 2 20	...	00 2 81	10 0 xx
Sirdhana	53 192	719 18	8 24 13	98 0 22	050 82	8x x xx	75 2 xx	...	00 0 59	12 4 xx
Renpang	53 223	675 18	4 24 13	97 0 22	989 84	6x 2 34	65 1 15	...	05 2 74	12 3 xx
Riyadhmaru	53 180	674 18	8 27 20	97 0 32	050 81	9x 0 xx	76 3 05	...	00 2 xx	12 7 44
Bay of Bengal										
Barura	52 182	930 00	8 23 11	97 6 08	981 79	87 4 58	...	...	05 4 76	12 3 31
Mgniobar	52 167	916 00	8 23 14	98 2 80	xxx xx	34 0 08	...	...	00 2 79	12 3 29

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTT$_d$T$_d$	1000 mb HHHTTTT$_d$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	...	...	...	139 202 162	...	305 438 065	433 052 548	570 535 592	755 608 678	969 752	...	...	...
Jiwani ...														
Karachi ...	00 00	996 265 282	512 xxx xxx	...	140 265 995	...	306 138 993	433 018 995	569 508 992	745 622 992	959 745	241 952	...	...
Lahore ...	00 00	970 332 222	558 xxx xxx	...	138 235 202	...	307 148 118	436 092 058	584 530 990	758 618 990	975 712	...	...	...
Multan ...														
Peshawar ...	00 00	953 280 190	..	...	133 188 058	...	380 095 545	423 505 995	567 565 995	733 605 995	957 688	153 780	...	...
Quetta ...	00 00	832 222 528	...	...	...	...	307 210 990	437 165 995	591 105 995	773 023 990	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTT$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	585 298 265	900 225 185	800 182 142	549 002 592	350 685 752	250 815 876	010 572 302	...	...	...	...	...
Jiwani ...													
Karachi ...	00 00	900 192 175		...	...	...	...	...	...	...	900 192 175	...	...
Lahore ...	00 00	900 258 212	800 195 162	...	...	...	...	...	...	...	800 195 162	...	...
Multan ...													
Peshawar ...	00 00	900 285 132	800 162 012	...	...	...	...	...	...	...	800 162 012	...	...
Quetta ...	00 00	800 230 xxx	350 570 xxx	...	...	...	...	...	...	...	350 570xxx	...	...

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 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 ...	09 10	10 13	12 14	12 17	12 13	...	...	...	...	11 17	11 17	11 20	11 18	12 16	21 17	12 02	12 12	12 13	12 17	13 15	...	...	...	...	...	...
Chaklala ...	...	20 03	18 04	14 03	10 03	31 05	33 07	30 13	30 15	...	07 08	14 03	14 01	31 10	30 09	...	13 02	20 01	31 02	26 05	29 06	22 08	36 11	01 11	...	...
Chhor ...	22 27	22 23	23 23	21 17	27 09	...	...	...	...	23 20	23 22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chittagong ...	17 12	19 15	20 14	...	...	...	...	...	...	13 10	14 14	14 16	12 20	12 17	12 14	13 06	16 06	...	...	...	...	...	...	...	...	...
Cox's Bazar ...	18 20	18 19	17 21	...	...	...	...	...	...	15 23	15 23	16 19	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	13 09	14 14	14 19	13 21	13 23	12 19	19 15	12 15	13 17	11 11	11 12	12 13	12 16	13 13	...	12 15	12 16	12 15	12 11	12 22	13 04	11 20	...	...	...	...
Dalbandin ...	...	...	26 09	15 09	27 05	32 04	25 07	35 19	25 20	...	...	24 09	30 02	31 01	04 01	...	...	21 03	16 02	05 08	32 04	08 05	09 03	18 07	14 04	35 10
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 10	21 03	...	...	...	...	...	...	26 01	27 01	30 04	...	...	...	...	10 06	36 10	36 22	36 20	36 22	...	...
Fort Sandeman ...	...	...	...	18 02	18 01	25 04	...	...	...	...	...	...	04 08	32 07	32 07	...	...	...	34 05	32 05	26 07	...	...	...	...	...
Jacobabad ...	13 10	12 12	13 07	32 03	27 02	7 06	28 05	26 15	29 14	14 11	21 09	27 04	33 02	29 07	35 07	16 08	14 06	09 06	09 05	02 04	36 10	03 08	12 16	18 19	28 17	19 21
Jessore ...	16 08	14 09	15 09	12 08	...	...	...	...	...	11 11	11 12	...	...	...	...	11 09	11 13	11 16	11 21	...	...	...	...	...	...	...
Jhelum ...	22 04	25 01	25 01	29 02	26 05	27 12	30 11	27 32	26 31	14 05	15 07	07 02	32 03	33 11	33 06	12 01	17 01	20 01	33 03	28 06	16 09	24 13	23 16	23 21	...	...
Jiwani ...	18 06	18 06	16 05	01 04	32 07	31 12	30 20	30 19	27 19	15 06	...	...	...	...	...	14 06	13 07	...	...	...	...	...	...	...	...	...
Karachi ...	26 18	27 13	...	...	...	...	...	...	...	...	...	...	...	...	...	26 13	27 20	27 21	...	...	...	...	...	...	...	...
Khanpur ...	22 09	21 08	20 08	18 11	20 12	23 13	24 17	25 15	25 14	21 19	21 29	23 29	25 25	...	...	21 15	20 18	21 18	21 24	22 29	...	...	...	...	...	...
Lahore ...	25 05	24 06	24 10	24 10	23 08	29 06	36 08	...	...	20 06	29 07	30 07	32 08	01 05	21 03	23 07	24 08	15 03	13 03	02 04	22 05	...	...	...	...	...
Multan ...	21 08	22 10	32 31	...	...	...	...	...	...	20 19	23 19	16 10	34 09	31 11	...	20 12	19 10	17 06	13 05	10 04	28 06	09 03	10 05	27 10	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	30 09	32 11	29 01	...	...	...	31 11	33 15	xx xx	27 13	24 17	24 19	25 02	33 09
Peshawar ...	...	05 05	09 04	16 13	19 06	31 10	32 10	32 10	...	...	34 12	34 12	36 08	34 06	30 17	...	05 07	03 07	01 04	30 10	27 11	27 18	24 08	23 05	28 10	29 19
Quetta ...	...	...	...	...	30 09	29 02	39 10	...	...	...	...	...	...	18 03	25 06	...	...	...	...	34 06	36 09	14 10	17 05	32 02	[illegible]	35 09
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	06 04	10 10	12 11	11 16	11 09	11 10	...	...	...	08 08	08 19	09 13	09 09	10 12	33 10	12 02	09 07	11 06	12 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	[illegible]	[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	19
Chittagong ...																		
Dacca ...	xx xx	10 10	11 13	11 15	12 16	14 12	14 14	14 13	18 13	14 09	15 09	[illegible]	[illegible]	...	...	...	...	...
Karachi ...	26 35	28 33	28 32	28 29	31 23	38 14	33 30	20 04	18 06	12 15	30 15	02 17	07 34	...	...	...	...	...
Peshawar ...		34 06	01 03	36 08	31 11	38 11	34 10	33 19	33 19	32 21	34 24	33 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.

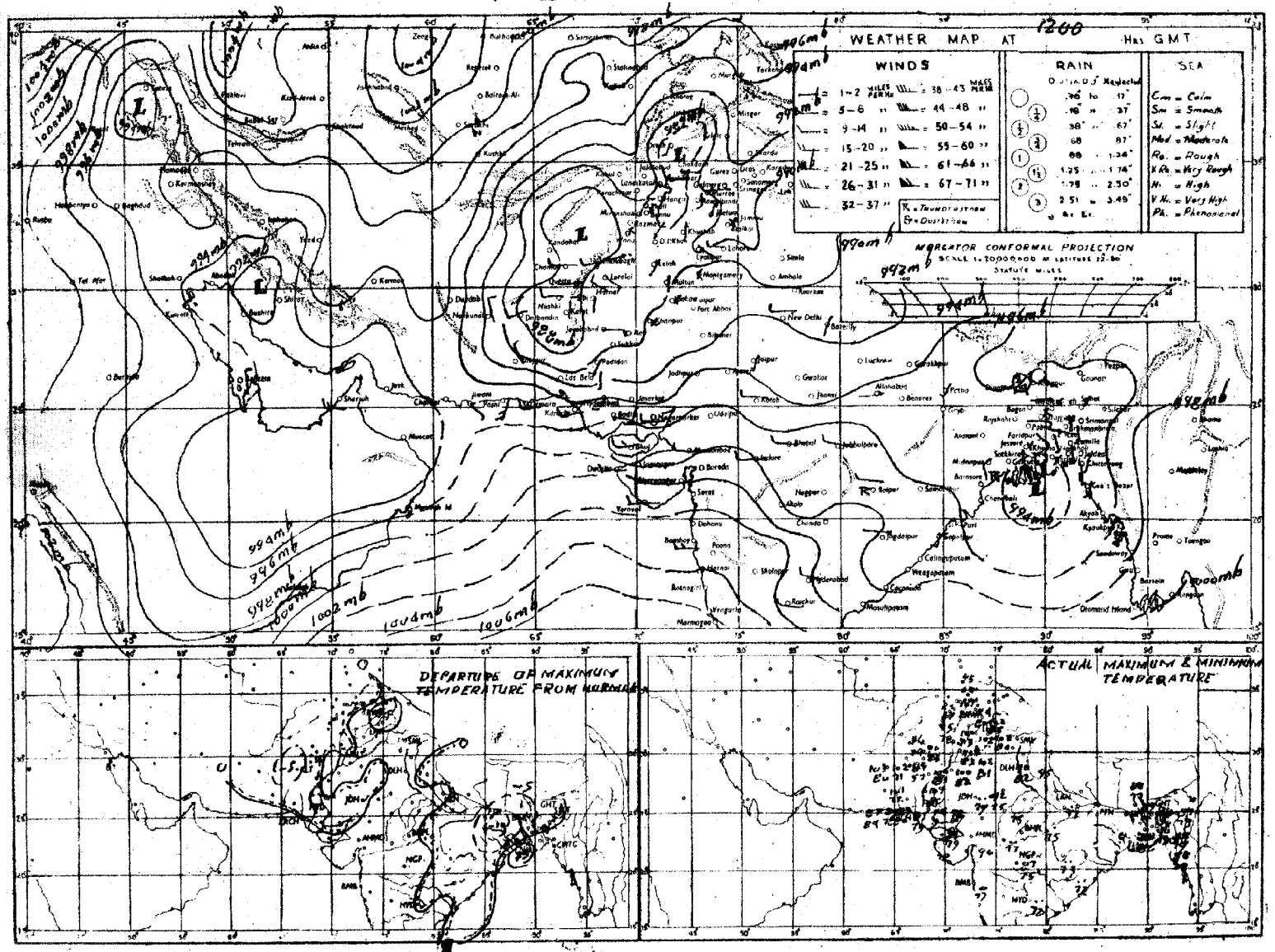
Cloud observation Data (GGiii Cdd V_rV_r etc.)

12 571 33 108

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Centre, Air Force Karachi

PAKISTAN DAILY WEATHER MAP

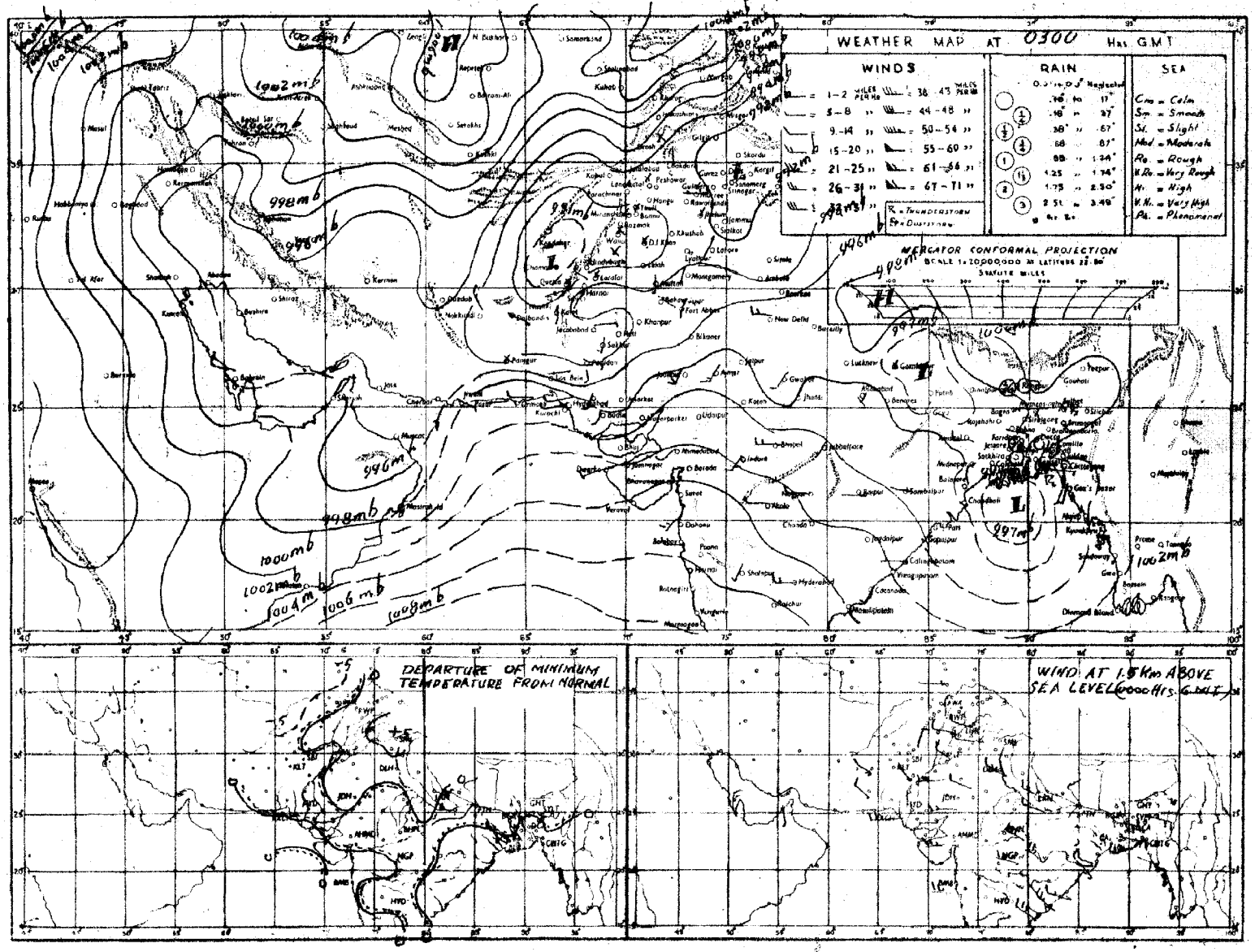
THURSDAY 2nd AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 3rd AUGUST 1962



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. 16

SATURDAY THE 4th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave over Afghanistan and adjoining areas is now moving across Peshawar and D. I. Khan divisions. It has caused local thunderstorms/showers in Rawalpindi division and a few duststorms in Lahore, D. I. Khan and Quetta divisions.

The low pressure area off Sunderbans Coast has moved inland and lies over northeast Orissa and adjoining areas of West Bengal and Chota Nagpur.

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

Chief amounts of rainfall are :—Rangamati, Maijdee Court and Satkhira 1" each, Sylhet and Barisal 3/4" each, Cox's Bazar, Comilla, Brahamanbaria, Srimangal, Dacca and Khulna 1/2" each and Chittagong, Mymensingh, Narayangang, Jessore, Pabna, Bogra and Rawalpindi 1/4" each.

Day temperatures were 3—6 °F (2—3 °C) above normal in East Pakistan and in Lahore, Rawalpindi, Sargodha, Peshawar and D. I. Khan divisions.

Forecast valid until the evening of 5th August, 1962 :—Fairly widespread rain/thundershowers will occur in East Pakistan, local in Rawalpindi and Lahore divisions and in Kashmir and scattered in Peshawar and Sargodha divisions. A few dust/thunderstorms are also likely to occur in Quetta, D. I. Khan and Multan divisions.

Heavy rainfall warning :—Locally moderate to heavy rain will fall in East Pakistan outside Rajshahi division during next 48 hours.

Karachi-11
The 4th August, 1962.

OBSERVATIONS

M. AZHAR ADIL,
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 † W1 (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	020	1		16	05	94	61	1	967	83	5	7	4	x	x	79	92
	Cox's Bazar	xxx	x	7	16	19	97	02	5	977	83	5	4	5	4	0	79	87
	Chittagong	027	4	6	10	12	97	03	6	968	83	6	4	6	0	0	78	91
	Maijdee Court	000	9	6	13	13	96	03	3	969	85	6	2	5	0	0	78	89
	Comilla	050	1	8	00	00	96	61	9	959	81	5	4	5	x	x	80	93
	Brahmanbaria	030	1	9	34	02	97	03	6	969	83	x	9	9	0	0	82	89
	Sylhet	000	0	7	83	00	96	02	2	965	82	4	4	6	2	0	83	xx
	Srimangal	003	0	8	00	00	93	20	2	963	85	4	4	3	0	0	79	93
Dacca	Mymensingh	000	0	8	00	00	97	02	1	963	89	8	7	4	x	x	81	93
	Narayanganj	030	0	8	13	02	96	02	2	965	87	8	4	3	x	4	78	92
	Dacca (Tezgaon)	004	0	7	13	02	97	21	2	963	84	6	9	4	3	1	79	91
	Faridpur	000	0	8	16	07	96	02	2	963	87	6	4	6	1	0	81	88
Khulna	Barisal	020	4	8	27	13	96	03	6	964	86	8	7	6	x	x	79	90
	Khulna	027	5	6	13	09	95	02	6	955	85	6	5	6	0	0	88	87
	Satkhira	061	2	7	00	00	96	03	6	959	82	4	4	4	2	0	81	93
	Jessore	030	3	6	09	02	95	03	6	959	81	4	4	5	6	0	83	90
Rajshahi	Pabna	000	0	7	13	05	8	03	2	952	88	4	3	7		8	82	91
	Sirajganj	000	0	8	00	00	97	02	2	950	87	8	9	4	7	0	80	97
	Bogra	015	5	8	09	01	96	03	6	958	88	4	4	5	2	x	80	92
	Dinajpur	003	9	5	07	00	96	01	1	960	85	3	0	9	2	9	79	92
	Rangpur	000	0	3	13	02	96	01	2	962	89	2	5	6	2	0	82	92
Kashmir	Jammu	—																
Lahore	Lahore (Jail Rd.)	000	0	9	27	02	95	05	0	935	00	0	0	9	0	0	77	02
	Sialkot	000	0	4	05	09	96	02	3	948	87	4	4	6	x	x	67	01
Rawalpindi	Jhelum	000	5	7	13	12	94	17	9	929	86	5	3	6	2	0	71	05
	Rawalpindi	000	9	5	13	92	97	05	4	914	99	5	0	9	3	0	69	01
	Campbellpur	000	0	8	09	00	98	00	0	889	02	0	0	9	0	0	68	03
Sargodha	Khushab	000	0	0	00	00	95	05	4	916	00	0	0	9	0	0	74	05
	Lyallpur	000	0	6	13	02	96	02	0	935	99	6	7	8	0	0	67	99
Multan	Montgomery	000	0	0	23	01	96	03	0	921	00	0	0	9	0	0	73	03
	Multan	000	0	0	18	03	96	06	0	987	01	0	0	9	0	0	69	02
	Leiah	000	0	0	18	03	97	00		65	1	0	0	9	0	0	65	1
Bahawalpur	Khanpur	000	0	0	23	05	95	05	0	918	03	0	0	9	0	0	71	[illegible]
	Bahawalpur	000	0	0	23	06	96	05	0	923	04	0	0	9	0	0	71	05
	Fort Abbas	000	0	0	00	00	98	00	0	919	04	0	0	9	0		75	[illegible]
Peshawar	Chakdara	000	0	0	36	01	97	01	0	880	96	0	0	9	0		6.	0
	Peshawar	000	0	0	36	07	97	01	0	990	02	0	0	9	0		6.	05
	Haripur	000	4	6	05	02	96	03	2	905	99	6	9	9	7	0	68	[illegible]
D. I. Khan	Bannu	000	1	5	09	03	98	06	3	903	97	0	0	9	0	0	67	05
	D. I. Khan	000	4	8	30	00	98	03	0	909	02	8	8	8	0	0	77	05
Quetta	Sibi	000	0	0	18	03	96	05	0	91.	09	0	0		9	0	61	13
Kalat	Nokkundi	000	0	0	34	02	98	02	0	969	05		0	9	0		6	[illegible]
	Turbat	000	0	0	23	04	99	02	0	957	91	0	0	9		7	7.	.4
	Jiwani	000	0	6	16	02	97	03	1	963	81	0	0	9	0	2	75	67
	Pasni	000	0	6	20	10	96	03	1	967	85	0	0		4	3	74	77
Karachi Division	Ormara	000	0	1	27	07	94	03	1	961	87	1	1	6	0	0	74	69
	Lasbela	000	0	4	03	00	98	04	0	825	96	4	0	9	4	0	82	0.
	Karachi (Manora)	000	0	4	25	16	9.	01	2	976	85	4	6	4	0	0	79	85
	Karachi (Airport)	000	0	6	25	16	96	03	2	977	84	6	5	5	0	0	75	68
Hyderabad	Nagarparkar	—																
	Umerkot	000	0	8	23	06	98	02	0	950	94	8	5	7	0		73	97
	Hyderabad	000	0	0	23	12	97	02	0	959	92	0	0	9	0	0	71	76
	Badin	000	0	0	23	05	97	00		965	90	0	0	9	0	0	71	[illegible]
Khairpur	Padidan	000	0	0	13	07	97	02		913	07	0	0	9		0	55	06
	Nawabshah	000	0	0	8	07	96	01	1	933	04	0	0	9	0		68	07
	Sukkur	000	4	0	20	02	96	02	0	915	05	0	0	9	0	0	69	05
	Kashmore	000	0	0	00	00	99	00	3	941	02	0	0	9	0	0	76	.7
	Jacobabad	000	0	0	09	05	96	02	0	916	05	0	0	9	0	0	91	[illegible]
Junagadh	Veraval	xxx	x	7	25	17	96	03	1	024	82	3	6	4	3	0	79	xx
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **	xxx	3	3	23	18	9	03		975	.4	3	8	8	0	0	51	.7
	Skardu *	000	0	6	19	14	96	03	1	215	81	6	4	5		0	41	.9
	Misgar **																	
	Allabad *																	
	Gilgit *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Rawalpindi	Murree *	000	9	7	27	02	96	02	1	xxx	xx	7	5	4	x	x	61	75
Peshawar	Drosh *	000	8	0	23	10	98	05	4	350	9	0	0	9	0	0	44	02
	Cherat *	000	0	0	07	11	98	03	0	363	97	0	0	9	0	0	77	89
	Kakul *	000	0	4	13	05	96	05	1	396	85	4	4	7		0	62	50
	Landikotal *	000	0	0	13	03	97	00	0	370	97	0	0	9	0	0	73	00
	Parachinar *	000	0	3	13	02	99	00	0	359	88	3	0	9	1	0	42	50
D. I. Khan	Miranshah *	000	0	2	05	86	99	01	1	385	96	9	4	6	0	0	90	xx
	Wana *	000	0	0	13	03	98	00	0	513	90	0	3	9	0	0	74	59
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	366	01	0	0	9	0	0	45	01
	Hindubagh *	000	0	0	27	03	97	00	0	343	xx	0	0	9	0	0	42	96
	Loralai *	000	0	0	20	03	99	00	0	373	94	0	0	9	0	0	53	59
	Harnai *	000	0	0	13	09	97	00	0	371	00	0	0	9	0	0	49	01
	Quetta *	000	0	0	27	02	96	00	0	366	99	0	0	9	0	0	67	91
	Chaman *	000	0	0	27	03	98	00	0	375	00	0	0	9	0	0	25	01
	Nushki *	000	0	0	27	05	98	02	0	408	02	0	0	9	0	0	52	03
	Dalbandin *	000	0	0	23	03	96	02	0	398	04	0	0	9	0	0	44	06
Kalat	Kalat *	000	0	0	31	03	96	00	0	371	90	0	0	9	0	0	86	91
	Panjgur *	000	0	0	34	04	97	02	0	396	00	0	0	9	0	0	53	04
Afghanistan	Kabul *																	
	Kandhar *																	

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

Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † W1 (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths) PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati	088	9	6	18	05	98	05	9	032	85	4	6	7	2	x	79	79	—	—	—	—	—	—
Cox's Bazar	061	9	6	20	13	97	01	8	017	83	4	8	5	0	8	78	79	+ 2	+ 3	72.9	+ 2.9	81.7	143
Chittagong	027	0	6	13	13	97	02	2	017	83	4	4	6	2	0	79	79	+ 5	+ 3	53.3	+ 6.3	66.7	100
Maijdee Court	100	2	8	13	05	95	03	6	012	81	5	5	5	2	x	81	77	+ 3	— 1	43.2	— 4.4	61.9	115
Comilla	966	1	8	18	05	97	06	6	969	81	8	4	4	x	x	80	75	+ 6	— 3	37.6	+ 0.5	49.0	94
Brahmanbaria	040	3	6	13	07	97	05	6	0 8	85	6	5	5	0	0	78	80	—	—	27.2	— 0.8	44.9	78
Sylhet	087	8	7	09	08	96	02	9	026	83	5	5	6	2	0	77	76	—	—	55.1	—	81.2	—
Srimangal	060	0	4	00	00	95	01	2	026	83	4	0	3	0	0	78	78	+ 2	+ 2	35.8	+ 3.4	27.3	90
Mymensingh	027	9	8	13	01	96	03	2	021	83	8	6	4	0	0	80	78	+ 2	0	31.7	— 4.3	36.1	91
Narayanganj	020	5	8	18	09	97	02	6	008	83	8	4	2	x	x	79	83	+ 4	+ 1	24.4	— 2.6	41.5	74
Dacca (Tezgaon)	064	9	8	13	09	97	21	6	0 3	82	7	3	2	x	x	79	79	—	—	22.4	—	27.2	—
Faridpur	000	0	8	16	07	97	02	2	997	85	6	5	6	1	0	80	81	+ 1	+ 1	20.5	— 7.1	35.3	78
Barisal	082	4	8	09	05	96	03	6	978	81	8	7	6	0	0	80	79	+ 3	+ 1	39.1	— 4.4	42.0	81
Khulna	057	0	6	90	03	96	02	7	030	81	6	5	8	0	0	80	80	+ 2	+ 2	23.3	— 5.3	30.8	68
Satkhira	109	9	7	18	03	97	03	6	010	83	4	4	6	2	0	79	80	+ 2	+ 2	27.9	+ 0.8	35.1	65
Jessore	032	9	8	13	07	96	03	6	990	93	8	7	5	x	x	80	79	—	—	16.7	— 9.3	36.9	65
Pabna	027	9	7	13	05	98	01	6	927	76	7	7	7	0	0	81	70	—	—	25.8	—	44.3	59
Sirajganj	000	0	1	13	05	97	02	2	006	82	8	3	5	0	0	79	83	+ 10	+ 1	23.3	— 2.2	35.5	64
Bogra	031	9	7	09	05	96	02	5	003	84	6	7	4	2	x	82	79	+ 4	0	25.9	— 1.8	38.4	68
Dinajpur	000	9	6	09	02	96	02	2	002	84	6	0	9	2	0	73	77	+ 3	— 2	21.7	— 11.3	38.9	72
Rangpur	031	0	7	11	01	96	03	2	021	83	7	5	6	0	0	79	79	+ 2	0	32.1	— 3.3	50.3	84
Jammu																							—
Lahore (Jail Rd.)	000	9	8	13	02	94	05	2	99	84	8	0	9	7	0	74	82	+ 4	+ 1	6.4	— 1.3	12.8	19
Sialkot	030	0	7	0	03	37	01	2	995	85	7	5	6	x	x	71	80	+ 5	+ 1	7.4	— 4.4	19.8	33
Jhelum	000	9	7	03	03	97	02	9	989	82	3	5	6	7	0	73	79	—	—	8.5	—	14.6	—
Rawalpindi	018	5	6	36	2	xx	xx	x	998	78	6	0	9	4	0	74	75	+ 6	— 1	5.5	— 5.9	42.1	36
Campbellpur	003	0	6	13	02	97	02	0	981	96	2	2	8	1	1	79	81	—	—	5.2	—	5.5	—
Khushab	000	0	7	9	12	56	03	2	86	96	7	0	9	3	0	76	82	+ 4	0	1.1	— 4.7	6.1	15
Lyallpur	00	0	6	00	03	96	02	2	938	85	5	0	9	4	0	75	84	0	+ 3	3.1	— 1.4	4.9	13
Montgomery	001	0	2	27	23	96	31	1	981	88	0	0	9	0	1	73	84	— 2	+ 1	5.6	+ 1.8	0.1	10
Multan	000	0	7	8	35	96	02	1	974	86	2	5	0	3	0	73	83	+ 2	— 1	0.3	— 2.5	2.0	7
Leiah	003		6	8	1	97	01	2	972	99	0	0	9	5	0	62	82	—	—	—	—	—	8
Khanpur	000	0	0		5	95	05	0	986	81	0	0	9	0	0	72	78	+ 1	— 4	3.3	+ 0.3	4.3	4
Bahawalpur	00		0			97	00	0	0.4	83	0	0	9	0	0	70	83	+ 4	0	2.4	— 0.6	3.1	6
Fort Abbas	00.			23				0	99.	85	0	0	9		0	74	83	—	—	0.1	—	0.4	8
Chakdara	00	0		36	02	97	00	0	955	81	0	0	9	0	0	71	76	—	—	3.0	—	12.2	—
Peshawar	03.	0	0	36	05	96	0.	0	978	86	0	0	9	0	0	73	83	+ 3	+ 4	0.2	— 1.8	6.8	11
Haripur	0.0			23	07	95	05	0	979	86	0	0	9	0	0	72	81	—	—	11.5	—	18.2	—
Bannu	000	0	0	03	1	99	0	0	963	89	0	0	9	0	0	71	85	—	—	0.6	—	3.6	11
D. I. Khan	003	7	6	05	02		02	1	975	87	0	0	9	0	6	77	83	+ 2	+ 1	0.6	— 2.5	3.5	9
Sibi	00.	0			0.	96	05	0	972	88	0	0	9	0	0	72	86	—		2.6	—	3.7	3
Nokkundi	000	0	0	4	09	97	02	0	963	91	0	0	9	0	0	27	83	—	—	c	—	0.1	2
Turbat	00	0	0	23	2	97	06	0	981	91	0	0	9		0	xx	xx	—	—	1.8	—	4.6	—
Jiwani	00		8	16	07	97	03	2	006	81	6	6	4	3	0	74	79	—	—	1.2	—	1.9	5
Pasni	00	3	6	0	05	96	03	2	010	82	4	2	7	4	0	75	80	0	+ 3	0	— 0.8	0.2	6
Ormara	0C0	0	7	27	0.	4	0.	2	0.5	93	7	1	6	0	0	74	80	—	—	1.0	+ 0.3	2.0	4
Lasbela																							3
Karachi (Manora)	3 0	0	7	5	2	6	02	2	008	82	0	0	9	3	0	76	80	+ 3	+ 1	3.0	— 1.2	3.0	8
Karachi (Airport)	00	0	7	27	12	96	02	2	012	81	7	5	6	0	0	75	78	—	—	3.2	—	3.2	—
Nagarparkar																							—
Umerkot	000	0	6	21	4	16	01	0	000	82	8	5	7	0	0	73	83	—	—	3.3	—	3.4	—
Hyderabad	003	0	3	23	12	97	02		993	83	3	5	6	0		71	83	— 1	0	2.4	— 1.3	3.3	7
Badin	00.	0		3	05	97	00	0	016	82	0	0	9			73	79	+ 3	— 1	2.3	— 1.7	2.9	9
Padidan	000	0		13			02		971	83	0		9	0		73	78	—	—	2.0	—	2.4	—
Nawabshah	00	9		16		6	02		982	81	0	0	9	0	0	72	79	—	—	2.4	—	2.8	4
Sukkur	000			0	3	47	02		974	83	0	0	5	0		71	78	—	—	0.9	—	0.9	—
Kashmore	030			03	3	99	00	0	918	88	0	0	9	0		7.	78	—	—	0.5	—	0.5	4
Jacobabad	0	0	0		07	96	02	0	977	31	0	0	9	0	0	79	80	0	— 3	0.1	— 1.3	1.0	
Veraval	...	...		...					—		...	—		...	...		...	—					30
Jalalabad																							
Muscat																							4
Kuwait																							5
Srinagar *																							26
Gulmarg **																							—
Sonamarg **																							71
Dras **																							24
Leh **																		—					2
Skardu *	0.9	0	0	05	03	96	02	0	350	74	0	0	9	0	0	49	60	—	—				6
Misgar **																							—
Allabad *																							—
Gilgit *	000	0	0	0.	00	99			450	81	0	0	9	0	0	62	69		—				1
Murree *	000	9	6	27	02	96	03	1	454	67	4	5	3	8	0	58	02	+ 3	+ 4	15.3	— 2.7	33.6	89
Drosh *	00.		0	00	0	98	.5	4	433	8.	0	0	9	0	C	58	76	+ 6	+ 3	3.8	—	15.8	38
Cherat *	000	0	0	3	07	98	00		373	74	0	0	9	1	0	67	52	+ 2	—	7.6	+ 2.2	31.8	29
Kakul *	000	9	3	19	02	.5	.5	2	432	74	3	4	6	0		67	74	—	—	12.4	—	27.9	—
Landikotal *	000	0	0	05	03	92	05	4	418	83	0	0	9	0	C	73	76	—	—	0.5	—	12.2	—
Parachinar *	000	0	0	00	00	99	0	0	423	74		0	9	0		59	71	+ 5	+ 4	5.3	—	18.9	29
Miranshah *	000	0	0	00	0	99	00	0	413	84	0	0	9	0	0	81	81	—	—	0.2	— 2.6	2.1	13
Wana *	000	0	0	00	00	99	C0	0	505	81	0	0	9	0	0	61	79	—	—	4.1	—	12.4	11
Fort Sandeman *	000	0	1	00	00	98	05	3	439	83		0	9	0	4	77	81	+ 6	+ 6	4.9	— 1.3	9.1	11
Hindubagh *	000	0	0	27	02	97	00	0	399	80	0	0	9		0	48	70	—	—	0.8	—	4.6	—
Loralai *	000	0	0	05	02	99	00	0	414	87	0	0	9	0	0	57	64	—	—	1.1	—	5.2	9
Harnai *	000	0	0	00	00	97	00	0	402	85	0	0	9	0	0	62	77	—	—	3.2	— 1.2	6.3	14
Quetta *	000	0	0	00	00	96	00	0	403	78	0	0	9	0	0	58	63	—	—	0	— 0.7	4.3	9
Chaman *	000	0	0	09	05	98	00	0	412	86	0	0	9	0	0	27	74	+ 1	— 2	0	— 0.1	1.3	8
Nushki *	000	0	0	09	05	98	02	0	448	87	0	0	9	0	0	32	77	—	—	0	—	1.6	—
Dalbandin *	000	0	0	00	00	96	02	0	414	83	0	0	9	0	0	42	73	— 2	0	0	— 0.1	7.1	4
Kalat *	000	0	0	18	08	97	00	0	433	74	0	0	9	0	0	70	57	+ 1	— 2	0.4	— 0.7	2.1	7
Panjgur *	000	0	0	00	00	97	04	0	444	81	0	0	9	0	0	66	73	+ 3	— 3	0.3	—	1.3	8
Kabul *																							12
Kandhar *																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 4th AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN				YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_dw d_w P_w H_w$
1				2	3	4	5	6	7	8	9	10	11
ARABIAN SEA													
Reyadhmaru	—	—	—	63 190	660 00	6 25 20	97 0 22	025 79	34 3 2x	76 6 15	—	00 0 xx	12 5 44
Kualalumpur	—	—	—	63 129	537 00	6 21 24	99 0 21	044 79	00 9 00	24 x xx	—	00 8 72	—
Tobruk	—	—	—	63 122	495 03	0 12 09	97 0 00	050 88	00 9 00	64 3 00	—	00 1 77	1x 1 xx
Sirdhana	—	—	—	63 211	699 06	6 26 13	98 0 22	038 82	68 6 xx	75 2 05	—	00 3 75	12 6 57
Billiton	—	—	—	63 211	673 06	8 25 24	97 0 22	028 81	85 3 xx	36 2 20	—	0x x 71	12 5 43
Reydhmaru	—	—	—	63 192	644 06	6 25 22	97 0 22	040 81	38 3 7x	76 3 10	—	00 2 xx	12 5 44
Caltex Pernes	—	—	—	62 173	585 06	1 22 24	97 0 20	020 79	10 5 60	—	—	00 2 72	22 2 22
Caltex Pernes	—	—	—	63 188	592 12	6 21 27	97 0 21	005 81	62 4 00	...	—	00 2 73	12 1 32
Rempang	—	—	—	63 212	650 12	5 21 21	98 0 22	999 79	52 4 00	55 7 08	—	05 0 76	12 1 33
Serenia	—	—	—	63 289	487 12	0 12 04	98 0 00	975 95	00 9 00	36 0 18	—	00 0 74	10 4 22
Sirdhana	—	—	—	63 230	680 18	7 25 09	97 0 22	016 79	7x x xx	75 2 02	—	05 2 76	12 5 xx
State of Bombay	—	—	—	63 152	676 18	7 25 20	98 0 22	093 85	74 5 xx	54 2 10	—	00 2 79	12 5 23
Reydhmaru	—	—	—	63 197	614 18	8 25 22	97 0 32	020 79	9x 0 xx	66 3 05	—	00 2 xx	12 5 44
Caltex Amsterdam	—	—	—	63 153	522 18	3 20 25	98 0 20	023 85	9x x xx	—	—	00 5 76	12 0 xx
Caltex Pernis	—	—	—	63 200	599 18	4 22 21	97 0 21	010 79	42 4 00	—	—	00 1 76	12 1 21

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	...	—	...	130 235 262	...	310 188 152	412 402 195	593 055 008	772 512 559	999 402	—	...	...
Jiwani ...														
Karachi ...	00 00	996 272 228	513 xxx xxx	...	139 252 992	...	309 138 993	436 022 995	582 528 992	755 620 990	970 750	254 948	441 092	...
Lahore ...	00 00	974 322 235	633 xxx xxx	—	138 235 185	—	311 120 120	437 045 995	584 538 992	756 635 995	971 718	—	...	—
Multan ...														
Peshawar ...	00 00	956 298 208	...	...	140 275 302	...	309 205 183	441 140 990	592 072 998	773 005 995	997 608	—	...	—
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. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	597 278 258	900 258 232	800 228 192	420 002 538	350 542 595	—	—	...	...	350 542 595	—	—
Jiwani ...													
Karachi ...	00 00	900 280 xxx	800 240 xxx	350 680 xxx	250 830 xxx	—	...	—	...	...	250 380 xxx	...	...
Lahore ...	00 00	900 872 208	800 208 162	—	...	—	—	...	...	—	800 208 162	—	—
Multan ...													
Peshawar ...	00 00	900 282 205	800 265 208	...	—	—	...	...	...	—	800 265 208	...	...
Quetta ...												...	...

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

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

UPPER WIND DATA*

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

*Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	09 07	09 08	12 10	12 12	...	—	...	...	—
Chaklala	...	01 03	22 02	21 06	21 02	30 05	—	...	...
Chhor	23 32	22 24	22 20	21 04	37 07	32 08	30 17	xx xx	25 10
Chittagong	18 33	17 35	17 29	...	...	...	...	—	—
Cox's Bazar	17 22	...	—	...	—	...	...	...	...
Dacca	14 20	14 24	14 24	14 26	14 17	...	—	...	—
Dalbandin	...	—	17 01	11 03	26 02	33 09	07 08	05 11	06 13
D. I. Khan	—	—	—	—	—	...	—	...	...
Dresh	...	...	...	—	...	—	—	—	—
Fort Sandeman	...	...	...	25 05	25 04	26 06	35 14	36 29	36 27
Jacobabad	10 10	11 10	15 07	20 04	24 05	31 05	27 13	32 24	—
Jessore	12 15	12 19	13 22	—	...	—	...	...	...
Jhelum	14 15	17 18	18 13	25 08	30 08	...	...	—	—
Jiwani	17 08	16 06	25 04	34 11	33 13	33 15	29 17	32 15	27 16
Karachi	25 25	26 17	—	—	—	...	—	—	...
Khanpur	21 09	21 09	21 09	21 12	32 08	19 07	20 17	14 19	...
Lahore	24 04	24 05	22 03	22 03	24 03	26 01	32 07	30 09	—
Multan	19 14	20 15	20 15	20 08	20 08	23 09	29 10	—	...
Muscat	...	—	...	—	...	...	—	—	...
Panjgur	—	...	...	31 07	30 06	30 11	28 12	28 06	29 05
Peshawar	...	xx xx	08 10	16 10	19 10	xx xx	32 06	07 07	06 19
Quetta	...	—	...	...	30 06	32 02	31 05	06 17	05 22
Sharjah	...	...	...	—	—	...	—	...	—
Sylhet	19 06	09 08	10 10	14 14	...	...	—	—	...
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 20	No	Ascent	...	...	...
Chaklala	...		...	—	...	...
Chhor	21 23	22 27	—	...	...	...
Chittagong	17 21	...	...	—	...	...
Cox's Bazar	17 23	17 23	17 26	...	—	...
Dacca	12 13	13 21	...	—	...	—
Dalbandin	...	...	22 05	35 11	02 07	13 03
D. I. Khan	—	...	—	...	—	—
Dresh	...	...	—	...	...	...
Fort Sandeman	...	...	...	03 05	22 02	29 07
Jacobabad	13 16	19 08	24 04	28 04	27 03	06 05
Jessore	15 15	16 17	—	...	...	...
Jhelum	08 04	12 09	14 04	21 07	33 02	33 04
Jiwani	13 08	20 04	27 08	—	...	...
Karachi	...	...	...	...	—	...
Khanpur	23 17	24 27	25 27	29 30	—	...
Lahore	11 08	16 12	16 09	17 06	27 06	29 13
Multan	20 19	25 29	22 31	—	...	—
Muscat	—	...	—	...	...	...
Panjgur	...	—	—	26 10	28 17	32 14
Peshawar	...	33 05	32 02	24 08	21 03	30 08
Quetta	...	...	...	...	20 03	25 06
Sharjah	...	...	...	...	...	...
Sylhet	07 11	12 08	16 13	17 21	xx xx	15 05
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 15	...	—	...	...	...	...	...	—	...	...
Chaklala	...	13 10	12 08	12 02	31 11	31 04	...	—	...	...	—
Chhor	22 19	22 23	22 22	...	...	...	...	...	—	...	...
Chittagong	17 14	17 18	17 21	—	...	...	...	—	—	...	...
Cox's Bazar	17 19	17 23	17 21	...	...	—	...	—	—	...	—
Dacca	12 15	15 24	15 31	...	...	...	...	...	—	...	...
Dalbandin	...	...	16 01	12 06	38 07	26 03	21 06	06 24	16 19	09 22	08 21
D. I. Khan	—	—	—	...	...	—	...	...	...	...	...
Dresh	—	—	—	...	29 03	22 06	17 01	33 03	36 04	03 13	04 17
Fort Sandeman	—	...	...	35 03	07 04	03 12	...	...	...	...	...
Jacobabad	11 05	11 03	10 03	10 03	04 02	36 06	08 09	12 10	14 09	26 13	25 22
Jessore	16 04	16 08	...	...	...	...	...	—	—	...	...
Jhelum	11 10	12 12	12 12	15 05	32 07	32 10	—	—	...	—	...
Jiwani	...	...	...	...	...	—	...	...	—	...	...
Karachi	26 12	26 14	...	...	...	...	...	...	...	...	...
Khanpur	20 13	19 19	19 20	19 11	17 10	10 06	27 02	14 13	13 19	—	—
Lahore	13 05	14 12	14 10	16 01	10 02	35 06	28 15	31 15	—	—	...
Multan	23 06	21 07	21 13	22 10	25 05	24 05	04 03	...	...	...	...
Muscat	—	—	...	—	—	—	...	...	...	...	...
Panjgur	...	...	...	35 12	36 14	03 04	15 16	16 11	17 06	09 07	...
Peshawar	...	02 04	04 02	17 04	08 04	28 07	...	...	...	...	...
Quetta	—	...	...	...	36 07	32 12	02 05	11 09	07 10	04 23	06 17
Sharjah	...	...	...	...	...	...	...	...	...	...	...
Sylhet	10 08	11 07	15 10	15 14	15 06	12 12	13 18	14 15	15 12	—	...
Veraval	...	—	...	—	—	—	—	—	...	—	—

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	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 ...	13 19	15 19	15 24	15 19	14 19	13 18	13 14	15 24	15 17	13 17	10 15	10 16				—	—	—
Karachi ...	26 25	27 26	28 24	29 22	30 20	32 12	07 14	09 10	20 05	06 05	07 05	08 06	05 36	07 23	07 23	...	—	—
Peshawar ...		35	07 11	27 09	27 09	31 07	35 16	35 19	35 15	35 19	35 29	35 37	35 51	33 54	—	...	—	—
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.

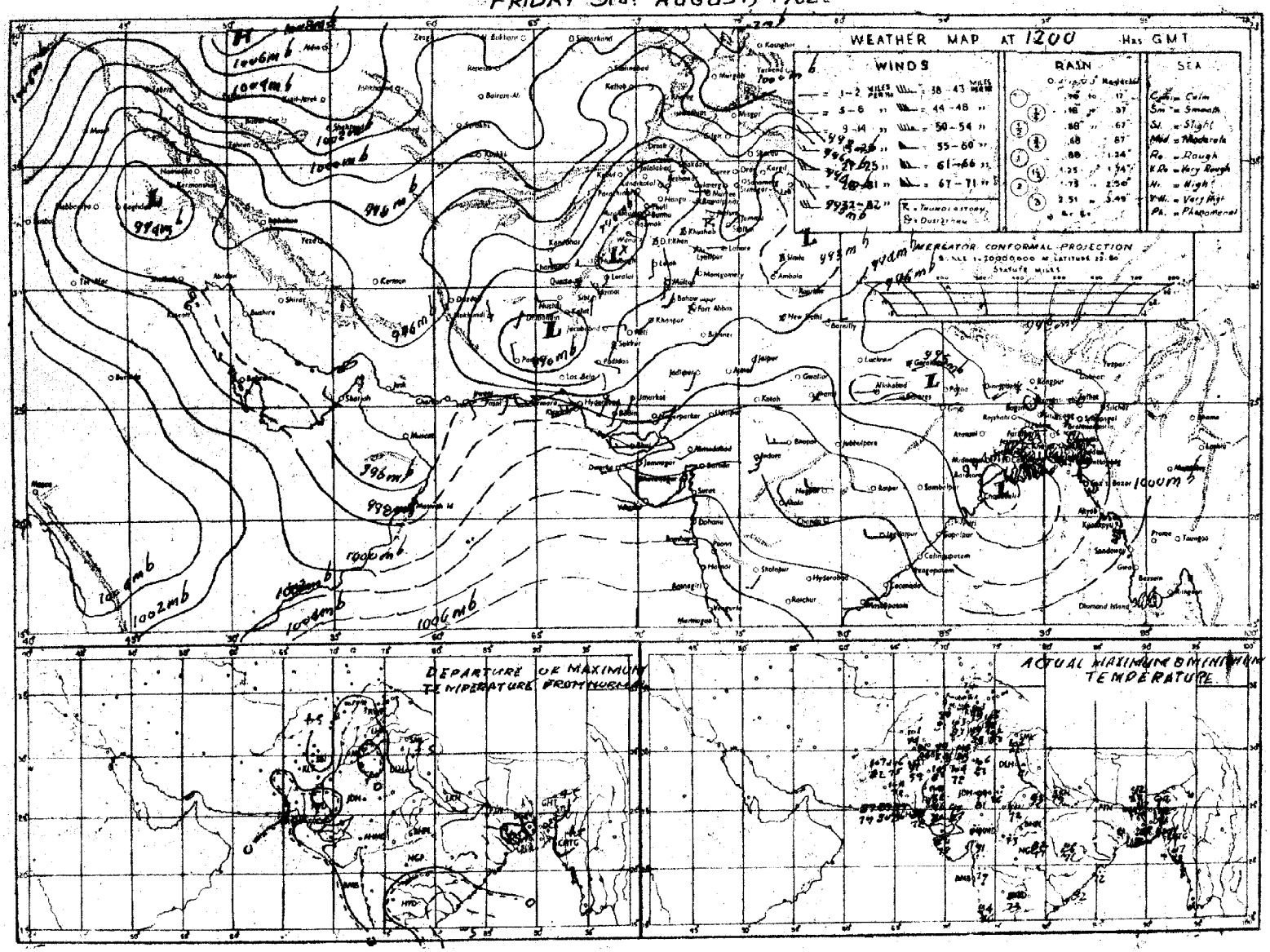
Cloud observation Data (GGiii Cdd V_rV_r etc.)

06 571 33 103.

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

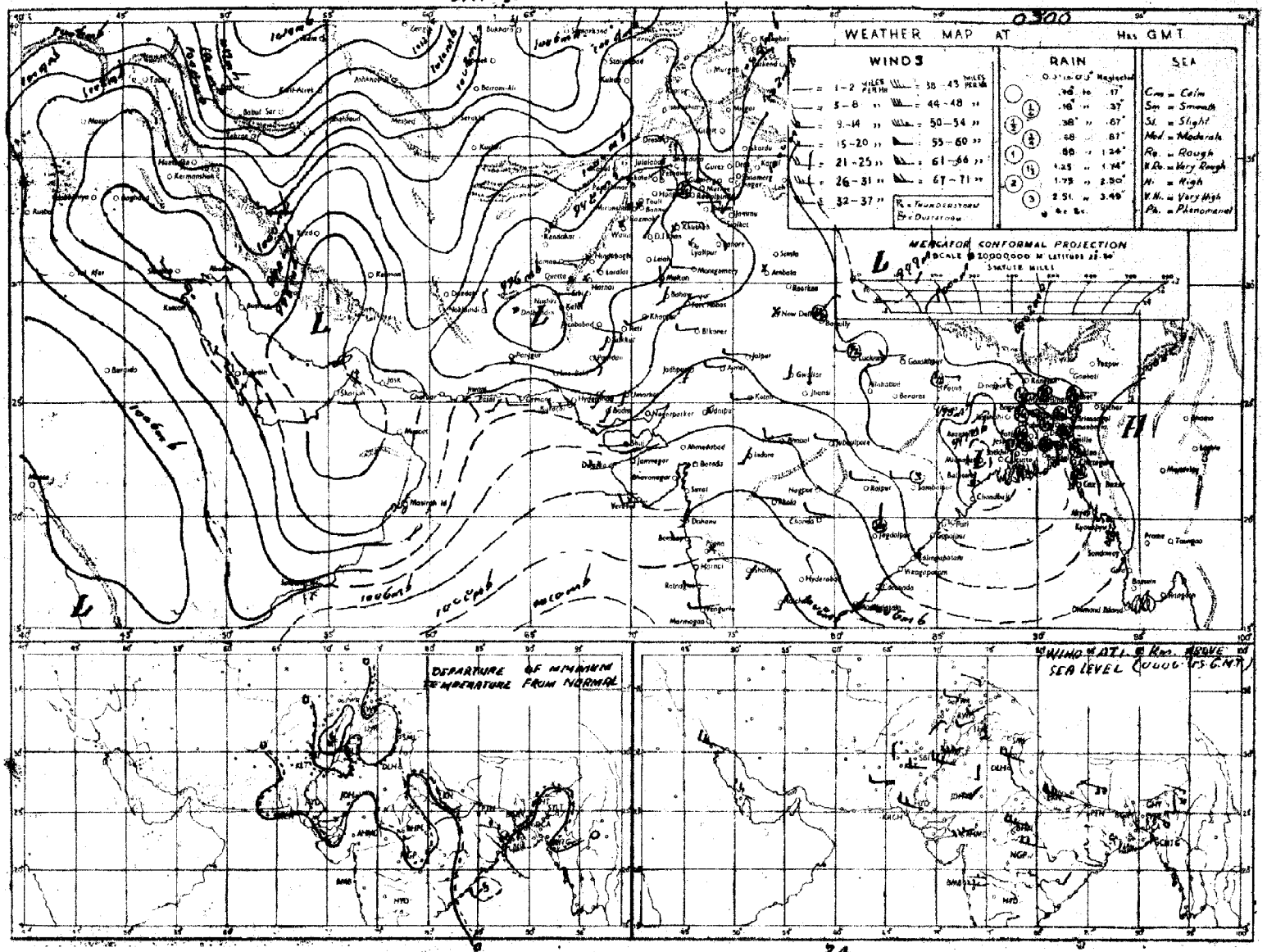
PAKISTAN DAILY WEATHER MAP

FRIDAY 3rd. AUGUST, 1962.



PAKISTAN DAILY WEATHER MAP

SATURDAY, 4th AUGUST, 1962.



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. 16

SUNDAY THE 5th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

The low pressure area over Orissa and adjoining areas has moved slightly northwestwards and is well marked.

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

Yesterday's low pressure wave over Peshawar and D. I. Khan divisions is moving away eastwards across Rawalpindi division and adjoining areas; another lies over Peshawar and D. I. Khan divisions.

A few thunderstorms have been reported from Peshawar division and duststorms from Quetta and northern Kalat divisions.

Chief amounts of rainfall are :—Cox's Bazar 3/4"; Srimangal 1/2" (till 05,0000 GMT); Rangamati, Comilla, Sylhet, Narayanganj, Faridpur, Barisal, Khulna, Jessore and Sirajganj 1/4" each.

Day temperatures were nearly normal in the country.

Forecast valid until the evening of 6th August, 1962 :—Rain/thundershowers will be fairly widespread in East Pakistan and also in Rawalpindi division and Kashmir with a few moderate falls; local in Lahore and Peshawar divisions and scattered in Sargodha and D. I. Khan divisions. A few dust/thunderstorms are also likely to occur in Multan, Quetta and Kalat divisions.

Karachi-11
The 5th August, 1962.

OBSERVATIONS

M. AZHAR ADIL
for Director, Meteorological Service.

Divisions (1)	Stations (2)		At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots f (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)	At 0300 Hrs. G.M.T. of date: 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 f (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	—	025	6	7	13	02	97	65	6	011	82	5	8	7	7	x	78	93	025	0	5	18	01	98	05	1	011	85	3	8	7	0	3	77	70	—	—	—	—	—	—
	Cox's Bazar	—	000	1	7	18	11	97	21	6	994	82	4	8	5	7	0	78	85	060	9	8	20	13	97	61	6	000	79	4	5	4	2	x	78	78	0	+ 2	73.7	+ 2.9	84.8	140
	Chittagong	—	005	3	8	12	07	97	03	6	993	82	6	4	5	2	x	78	87	005	0	8	13	13	97	03	2	994	82	7	6	5	1	x	76	78	+ 1	+ 2	53.3	+ 5.7	66.8	108
	Maijdee Court	—	015	7	6	18	09	97	03	6	908	85	4	2	6	5	0	78	86	025	9	6	18	05	97	02	2	995	82	5	2	6	x	0	79	29	0	+ 1	42.3	— 5.9	62.2	115
	Comilla	—	019	3	8	13	05	96	03	6	977	83	8	4	4	0	0	79	92	019	0	8	18	05	97	02	2	979	84	8	4	4	x	x	78	75	+ 5	— 2	37.7	+ 1.1	49.9	94
	Brahmanbaria	—	013	0	7	00	00	97	21	3	992	82	7	5	5	0	0	79	89	016	0	2	13	09	97	03	1	000	86	7	5	5	0	8	77	80	—	—	27.4	— 1.3	45.1	78
	Sylhet	—	000	0	7	03	00	96	02	2	984	85	2	2	4	2	2	79	88	031	9	6	09	05	96	02	6	002	85	2	8	6	8	1	79	77	—	—	55.5	—	81.5	—
	Srimangal	—	003	0	2	00	00	96	03	2	997	86	2	0	3	0	0	81	90	065	0	0	09	19	96	00	2	007	82	0	0	9	0	0	76	78	— 1	+ 2	37.5	+ 3.6	27.8	98
Dacca	Mymensingh	—	000	0	6	00	00	97	02	1	995	87	6	2	4	5	0	80	88	003	0	6	13	02	97	07	1	004	83	6	4	4	0	9	79	78	0	0	31.2	— 4.7	36.1	91
	Narayanganj	—	018	8	7	13	05	96	03	6	984	86	3	4	3	1	8	79	87	016	9	8	09	07	97	02	2	993	84	8	7	2	x	x	77	80	— 1	+ 1	24.6	— 3.8	41.7	74
	Dacca (Tezgaon)	—	010	9	6	13	05	97	02	6	977	85	3	3	3	0	1	79	85	015	6	7	11	05	97	02	6	998	83	7	5	4	0	0	77	79	—	—	33.6	—	37.4	—
	Faridpur	—	025	3	6	16	03	96	02	6	978	82	6	4	4	1	0	78	87	032	0	8	16	02	97	02	6	955	83	6	5	6	1	0	79	79	0	0	20.8	— 7.0	35.7	71
Khulna	Barisal	—	000	0	6	00	03	97	04	2	982	86	6	7	6	4	0	85	90	018	2	4	09	05	97	02	6	965	86	4	7	6	0	0	86	79	+ 3	+ 1	39.3	— 4.7	42.2	81
	Khulna	—	008	0	3	13	03	97	01	2	977	86	3	5	7	0	0	79	87	030	0	5	00	00	96	02	2	979	84	5	5	6	0	0	81	80	0	+ 2	23.5	— 5.4	31.1	68
	Satkhira	—	039	5	6	00	00	97	03	6	974	84	3	4	6	2	0	79	88	014	3	7	00	00	96	03	6	986	84	5	4	4	3	0	81	80	0	+ 2	28.1	+ 0.6	35.3	65
	Jessore	—	004	6	6	18	05	96	03	6	975	85	4	4	5	6	0	81	87	023	7	7	09	04	96	03	6	977	84	6	7	5	6	0	81	80	—	—	16.9	— 9.4	27.1	63
Rajshahi	Pabna	—	004	3	7	13	05	98	01	8	972	83	7	0	9	7	0	79	87	005	4	4	09	09	99	01	6	983	85	1	5	7	0	2	79	81	—	—	25.8	—	44.3	59
	Sirajganj	—	039	7	8	13	02	97	02	5	962	81	8	7	5	6	0	78	95	039	x	6	13	07	97	02	2	994	83	6	8	5	0	0	79	79	— 2	0	23.7	— 2.1	35.9	64
	Bogra	—	001	5	5	13	02	96	01	6	983	85	3	5	5	0	1	79	87	002	9	7	13	05	96	02	6	954	85	6	4	5	2	0	79	80	— 1	+ 1	25.9	— 2.1	38.4	69
	Dinajpur	—	012	4	6	09	02	96	02	6	977	84	3	5	6	2	x	78	89	012	9	5	09	00	96	02	2	991	85	5	0	9	2	0	78	78	0	— 1	21.8	— 9.7	39.0	72
	Rangpur	—	001	2	6	13	02	96	01	5	989	84	4	5	6	2	0	80	90	001	0	4	11	02	96	01	2	008	84	2	5	6	2	0	78	80	+ 1	+ 1	32.1	— 3.7	50.3	84
Kashmir	Jammu	—																																								—
Lahore	Lahore (Jail Rd.)	—	000	8	1	13	02	95	05	1	974	96	1	0	9	3	0	77	97	000	7	7	05	02	95	05	1	988	87	7	0	9	7	0	79	84	— 1	+ 6	6.4	— 1.5	12.8	15
	Sialkot	—	000	0	4	00	00	97	02	0	979	91	4	0	9	3	x	75	93	000	0	6	00	00	97	03	1	981	85	6	4	6	x	x	78	81	— 3	+ 2	7.4	— 4.8	13.8	22
Rawalpindi	Jhelum	—	000	3	0	13	03	97	01	1	977	94	0	0	9	0	0	72	95	000	3	7	00	00	97	03	2	984	89	2	5	7	7	0	76	84	—	—	8.5	—	14.6	—
	Rawalpindi	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	003	0	7	09	03	96	03	1	986	85	7	6	7	0	0	74	77		+ 1	5.5	— 6.3	17.1	36
	Campbellpur	—	000	0	0	13	03	98	00	2	533	98	0	0	9	0	0	70	98	000	0	7	13	03	97	07	0	955	87	2	2	8	1	1	75	85	—	—	5.2	—	5.5	—
Sargodha	Khushab	—	000	0	0	09	09	96	06	4	967	00	0	0	9	0	0	78	00	000	0	7	09	16	96	02	2	81	89	7	0	9	1	0	79	87	— 1	+ 5	1.1	— 4.8	6.1	15
	Lyallpur	—	000	0	0	00	00	97	00	0	961	98	0	0	9	0	0	65	99	002	0	5	00	00	96	03	2	978	87	5	6	8	0	0	75	83	0	+ 2	3.1	— 1.5	6.9	13
Multan	Montgomery	—	000	0	0	23	04	96	02	0	966	00	0	0	9	0	0	74	01	000	0	3	23	02	96	01	0	981	87	0	0	9	0	0	71	82	— 1	0	5.6	+ 1.6	8.1	10
	Multan	—	000	0	2	18	02	97	02	0	962	03	2	0	9	3	0	67	02	000	0	6	18	03	96	02	1	977	85	3	5	6	3	0	72	85	+ 2	+ 1	0.3	— 2.6	2.0	7
	Leiah	—	000	0	8	18	03	97	02	2	953	98	0	9	9	5	0	68	02	000	0	5	18	03	97	02	2	972	89	0	0	9	5	0	62	81	—	—	—	—	—	0
Bahawalpur	Khanpur	—	001	0	0	18	05	96	02	0	964	03	0	0	9	0	0	68	04	000	0	2	20	09	95	05	0	991	81	2	0	9	3	0	69	79	+ 1	— 3	3.3	+ 0.1	4.3	6
	Bahawalpur	—	000	0	0	13	02	98	00	0	xxx	02	0	0	9	0	0	70	03	000	0	0	23	02	97	00	0	997	85	0	0	9	0	0	67	xx	+ 2	—	2.4	— 0.7	3.1	6
	Fort Abbas	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	0	23	02	98	00	0	004	84	0	0	9	0	0	74	83	—	—	0.1	—	0.4	8
Peshawar	Chakdara	—	000	0	0	36	52	97	00	0	928	92	0	0	9	0	0	72	56	000	0	0	13	01	97	00	0	954	84	0	0	9	0	0	73	79	—	—	3.0	—	12.2	—
	Peshawar	—	000	0	1	02	07	96	06	0	943	00	1	2	6	0	0	75	01	000	0	5	36	07	96	06	1	976	85	1	0	6	3	1	79	84	+ 1	+ 5	0.2	— 1.9	6.8	11
	Haripur	—	000	0	0	23	02	95	05	0	891	97	0	0	9	0	0	51	99	000	3	5	31	01	96	03	2	978	75	5	0	9	3	0	74	81	—	—	11.5	—	18.2	—
D. I. Khan	Bannu	—	010	4	8	18	01	99	03	1	937	01	0	0	9	0	9	68	02	000	2	8	00	00	99	13	0	966	85	0	0	9	0	8	72	85	—	—	0.6	—	3.6	11
	D. I. Khan	—	000	0	0	00	00	98	02	0	949	00	0	0	9	0	0	77	04	000	2	6	00	00	98	02	1	974	87	0	0	9	0	6	79	83	+ 3	+ 1	0.6	— 2.6	3.5	9
Quetta	Sibi	—	000	0	0	18	02	99	00	0	953	05	0	0	9	0	0	65	06	000	2	6	18	02	97	03	1	981	88	0	0	9	3	0	72	86	—	—	2.6	—	3.7	3
Kalat	Nokkundi	—	000	0	0	34	02	98	02	1	927	08	.	0	9	0	0	32	10	000	0	0	11	05	96	02	3	990	86	0	0	9	0	0	36	79	—	—	0	—	0.1	3
	Turbat	—	000	0	6	23	04	99	02	0	957	99	0	0	9	0	7	78	00	000	0	4	18	02	97	03	2	020	83	0	0	9	5	0	73	xx	—	—	1.8	—	4.6	—
	Jiwani	—	000	0	6	13	12	97	02	2	992	85	6	6	4	0	0	73	87	003	0	6	16	07	96	02	2	019	82	6	6	4	0	0	82	79	—	—	1.2	—	1.9	5
	Pasni	—	000	8	6	16	12	97	02	1	996	86	0	0	9	4	3	74	79	000	3	8	20	05	97	02	2	018	82	4	2	7	4	0	72	79	0	+ 2	0	— 0.8	0.7	4
Karachi Division	Ormara	—	000	0	4	27	10	94	03	2	991	87	4	1	6	0	0	74	90	000	0	7	25	07	94	03	2	005	83	7	1	6	0	0	74	80	—	—	1.0	+ 0.3	2.0	8
	Lasbela	—	000	0	4	00	00	98	04	0	870	97	4	0	9	4	0	93	03	000	0	4	09	01	98	04	0	950	85	4	0	9	4	0	82	83	—	—	0	—	0	8
	Karachi (Manora)	—	000	0	3	25	10	96	01	1	001	85	0	0	9	0	1	78	69	000	0	8	27	12	96	02	2	011	80	5	6	4	0	0	77	78	+ 4	— 1	3.0	— 1.3	3.0	8
	Karachi (Airport)	—	000	0	7	25	12	96	02	2	004	85	7	5	0	0	0	75	87	000	0	8	23	12	96	03	2	020	80	6	6	5	2	x	76	77	—	—	3.2	—	3.2	—
Hyderabad	Nagarparkar	—	000	0	3	25	03	97	00	0	936	94	0	3	8	0	0	69	94	000	0	2	31	03	97	00	0	105	87	0	0	7	0	0	71	79	—	—	4.0	—	4.0	—
	Umarkot	—	000	0	6	23	04	97	02	0	988	94	6	2	7	0	0	71	96	000	0	8	23	03	97	02	0	006	82	0	0	8	0	8	73	77	—	—	3.3	—	2.4	—
	Hyderabad	—	000	0	0	23	13	97	02	0	988	92	0	0	9	0	0	70	94	000	0	0	23	12	97	02	0	997	82	0	0	9	0	0	73	80	— 3	0	2.4	— 1.4	3.3	7
	Badin	—	000	0	0	23	05	97	00	0	026	90	0	0	9	0	0	71	95	000	0	0	23	02	97	00	0	019	82	0	0	9	0	0	74	78	+ 3	— 2	2.3	— 1.7	2.9	9
Khairpur	Padidan	—	000	0	0	13	03	98	02	0	955	05	0	0	9	0	0	66	05	000	0	0	13	19	98	02	0	985	82	0	0	9	0	0	73	78	—	—	2.0	—	2.4	—
	Nawabshah	—	000	0	0	18	05	96	02	0	972	03	0	0	9	0	0	70	05	000	0	0	18	02	96	02	0	993	83	0	0	9	0	0	73	79	—	—	2.4	—	2.8	—
	Sukkur	—	000	0	0	05	02	97	02	0	954	04	0	0	9	0	0	71	04	000	4	4	20	05	97	03	1	985	81	4	0	9	6	0	72	78	—		0.9	—	0.9	4
	Kashmore	—	000	0	0	00	00	99	00	3	932	09	0	0	9	0	0	74	07																		—					—
	Jacobabad	—	000	0	0	09	65	96	02	0	956	93	0	0	9	0	0	40	13	000	0	2	09	07	96	03	0	985	84	2	0	9	3	0	80	82	— 2	— 1	0.1	— 1.3	1.8	4
Junagadh	Veraval	—	xxx	x	8	25	09	96	03	6	048	82	5	4	5	3	x	77	xx	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					20
Afghanistan	Jalalabad	—																																								
Arabia	Muscat	—																																								4
	Kuwait	—																																								5
	HILL STATIONS																																									
Kashmir	Srinagar	* ...																																								26
	Gulmarg	** ...																																								—
	Sonamarg	** ...																																								71
	Dras	** ...																																								28
	Leh	** ...																																								3
	Skardu	* ...	000	0	0	00	00	97	02	0	375	91	0	0	9	0	0	39	93	010	0	0	36	02	98	03	0	104	63	0	0	9	0	0	29	51	—					6
	Misgar	** ...	000	0		09	03	98	00	0	079	80	0	0	9	0	0	38	83																		—	—				—
	Aliabad	* ...																																			—					—
	Gilgit	* ...	000	0	0	00	00	99	02	0	399	83	0	0	9	0	0	28	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					5
Rawalpindi	Murree	* ...	000	9	7	13	02	96	02	1	430	71	5	9	2	5	0	43	55	000	9	8	05	02	95	03	1	441	65	8	5	2		0	61	62	+ 3	+ 4	15.3	— 3.2	33.6	59
Peshawar	Drosh	* ...	000	8	0	23	09	98	05	4	375	96	0	0	9	0	0	57	59	000	3	3	00	00	95	05	4	422	87	3	3	7	0	0	65	60	+ 3	+ 7	3.8	—	15.8	18
	Cherat	* ...	000	0	0	05	13	98	00	0	374	95	0	0	9	0	0	76	91	000	0	0	31	09	98	00	0	362	77	0	0	9	0	0	79	55	+ 4	— 16	7.6	+ 2.0	31.8	29
	Kakul	* ...	000	8	5	23	05	96	05	2	429	83	5	4	7	0	0	70	66	000	9	8	18	02	96	05	9	432	77	4	8	6	x	x	68	75	—	—	12.4	—	27.9	—
	Landikotal	* ...	000	0	1	03	07	92	05	4	404	90	1	1	7	0	0	78	55	000	0	6	05	02	93	05	4	415	81	6	0	9	7	x	73	78	—	—	0.5	—	12.2	—
	Parachinar	* ...	000	0	6	13	02	98	03	0	441	80	6	6	8	0	0	56	88	000	0	0	00	00	99	00	0	447	72	0	0	9	0	0	46	70	+ 3	+ 4	8.3	—	18.9	29
D. I. Khan	Miranshah	* ...	000	0	6	05	09	99	00	0	416	96	0	0	9	0	0	91	99	010	0	4	05	05	99	03	2	413	84	4	4	9	0	0	79	81	—	—	0.2	— 2.7	2.1	13
	Wana	* ...	000	0	6	00	00	98	01	1	505	87	6	3	9	5	0	67	95	000	0	0	00	00	98	00	0	413	79	0	0	9	0	0	58	72	—	—	4.1	—	12.4	11
Quetta	Fort Sandeman	* ...	000	0	5	29	03	98	01	3	426	90	5	0	8	3	0	55	58	000	0	5	00	00	98	03	0	436	87	5	0	8	3	0	65	78	+ 3	+ 4	4.3	+ 1.2	9.1	11
	Hindubagh	* ...	000	0	6	23	07	97	00	0	368	96	0	0	8	0	8	65	99	000	0	6	27	02	97	00	0	403	82	0	0	8	0	8	59	71	—	—	0.8	—	4.6	—
	Loralai	* ...	000	0	6	11	05	99	00	2	406	93	0	0	9	2	1	52	97	000	0	6	27	02	99	02	2	412	79	0	0	9	2	1	65	63	—	—	1.1	—	5.2	9
	Harnai	* ...	000	0	3	13	09	97	03	0	404	96	2	1	5	0	1	61	00	000	0	7	16	05	97	03	0	405	84	5	3	5	3	0	67	80	—	—	3.2	— 1.3	6.3	14
	Quetta	* ...	000	0	3	00	00	96	02	0	364	95	3	1	5	0	0	67	96	000	0	5	00	00	96	02	0	388	79	5	1	5	0	0	68	70	—	—	0	— 0.8	4.2	9
	Chaman	* ...	000	0	0	31	05	98	00	0	395	03	0	0	9	0	0	30	04	000	0	6	13	05	98	02	1	425	84	6	0	9	2	0	35	76	+ 4	0	0	— 0.1	1.3	8
	Nushki	* ...	000	0	0	27	15	98	02	0	419	04	0	0	9	0	0	53	06	000	1	0	31	05	98	05	4	452	84	0	0	9	0	0	50	81	—	—	0	—	1.6	—
	Dalbandin	* ...	000	0	0	13	02	96	02	0	423	07	0	0	9	0	0	50	09	000	0	0	31	02	96	02	0	433	85	0	0	9	0	0	40	76	+ 1	+ 1	0	— 0.1	7.1	4
Kalat	Kalat	* ...	000	0	0	34	02	98	00	0	392	91	0	0	9	0	0	89	92	000	0	0	18	03	97	00	0	439	73	0	0	9	0	0	69	61	+ 2	0	0.1	— 0.7	2.1	7
	Panjgur	* ...	000	0	0	31	02	97	02	0	414	03	0	0	9	0	0	38	05	000	0	0	00	00	95	05	0	433	80	0	0	9	0	0	61	75	+ 4	— 1	0.3	—	1.3	8
Afghanistan	Kabul	* ...																																								12
	Kandhar	* ...																																								

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 5th AUGUST, 1962.

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	0 N_s C h_sh_s	0 $T_wT_wT_w$	$I_d d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Kualalumpur	73 120	583 00	1 23 24	98 0 21	074 81	20 9 0x	24 x xx	—	00 2 73	12 3 27
Saraswati	73 262	533 06	3 08 32	98 0 30	951 98	32 6 00	36 3 14	—	00 0 89	10 0 xx
Kochawowski	73 187	549 06	9 24 11	60 0 32	071 79	86 5 xx	16 1 08	—	00 5 73	11 9 54
Kochawowski	73 173	574 12	8 24 38	60 0 32	016 76	86 5 xx	26 7 30	—	00 5 75	12 4 58
Jalamayur	73 174	646 18	x 14 35	97 0 31	172 81			—		
Arandus Kark	73 079	636 18	4 28 09	98 0 31	132 82	42 4 04	66 1 10	—	00 1 76	12 8 21
Kualalumpur	73 189	618 18	2 23 21	98 0 21	118 81	21 4 xx	24 x xx	—	00 2 74	12 3 26
Sirdhana	73 249	664 18	2 25 09	98 0 20	021 81	20 9 xx	65 2 05	—	00 0 76	12 5 xx

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000mb	900mb	850mb	800mb	700mb	600mb	500mb	400mb	300mb	200mb	150mb	100mb
			HHHTTTTdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	...	...	—	138 158 148	...	303 115 088	430 045 008	576 545 975	748 655 689	960 778	237 980	—	...
Iswardi ...														
Karachi ...	00 00	999 272 242	010 xxx xxx	...	141 175 992	...	310 168 998	439 072 998	586 525 988	760 612 998	967 745	259 950	446 098	...
Lahore ...	00 00	974 353 225	522 xxx xxx	...	140 285 182	...	315 165 092	443 070 990	589 580 990	758 713 998	...			—
Multan ...														
Peshawar ...	00 00	957 202 242	...	...	136 260 990	...	307 155 992	436 095 992	585 025 995	762 562 992	982 665	—	...	—
Quetta ...	00 00	MISDA	—	—	—	—	—	—	...		—	...	—	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	597 272 252	900 75 172	800 152 138	554 000 533	350 718 772	250 872 918	—	—	—	250 872 918	—	—
Iswardi ...													
Karachi ...	00 00	900 190 xxx	800 190 xxx	772 220 xxx	350 660 xxx	250 840 xxx	010 100 xxx	—	—	—	010 100 xxx	...	—
Lahore ...	00 00	900 318 202	800 248 158	—	...	—	—		...	—	800 248 158	—	—
Multan ...													
Peshawar ...	00 00	900 295 995	800 225 992	...	—	...	...	—	—	—	800 225 992	...	—
Quetta ...	00 00	MISDA	—	...	...	...	...					—	—

PPP—Pressure in hundreds tens and units of millibars.
$TTT_dT_dT_d$: 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) and At 0000 hrs. G.M.T. † of date (dd ff)

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ...	12 13	14 22	14 17	15 21	14 19		—	...	—	12 17	12 20	12 21		—	—
Chitral ...	...	17 06	16 12	15 11	18 01	28 07	32 07	...	—	—	10 07	13 09	14 07	21 06	—
Chhor ...	23 23	23 26	22 19	21 12	05 06	04 02	26 01	25 08	25 08	12 21	23 11	23 36	19 02	12 02	06 09
Chittagong ...	17 14	16 20	17 29	...	...	...	—	—	—	16 25	17 27	18 28	—	—	—
Cox's Bazar ...	17 23	19 20					...	...	...	17 17			—	—	—
Dacca ...	14 17	16 27	16 22	16 30	15 29	15 28	13 22	14 24	12 29	12 18	13 22	13 17	12 17	10 14	14 08
Dalbandin ...	...	—	25 09	27 04	22 05	22 03	02 06	07 03	31 01	—	—	35 01	33 10	29 09	29 21
D. I. Khan ...	—	—	—	—	—	...	—	—	—	—	...	—	—	—	—
Drosh ...	—	—	—	—	22 13	24 11	20 08	25 17	25 13	...	—	—	23 01	31 02	27 04
Fort Sandeman ...	...	...	...	27 11	31 05	10 05	—	—	—	—	—	—	09 01	21 03	24 09
Jacobabad ...	14 07	17 05	16 05	14 05	03 06	02 08	33 07	36 12	—	19 14	21 05	22 02	29 05	24 08	32 08
Jessore ...	14 14	14 20	16 22	17 20	—	...	...	...	...	No	Ascent	—	—	—	—
Jhelum ...	13 06	15 05	16 07	15 03	34 02	31 04	29 08	31 05	34 06	14 03	15 08	16 07	24 07	29 09	36 06
Ishurdi ...	—	—	—	...	—	—	—	—	...	—	—	...	—	—	—
Karachi ...	36 15	27 13	...	—	—	...	...	—	...	—	—	—	...	—	—
Khanpur ...	19 10	20 13	20 13	18 17	15 04	17 06	04 04	01 11	05 09	20 12	20 21	22 25	29 12	27 12	26 12
Lahore ...	15 03	20 03	21 06	23 11	26 10	29 05	33 17	35 16	02 15	14 06	18 09	20 04	28 09	29 08	30 05
Multan ...	19 09	19 11	19 10	21 07	28 04	30 06	01 10	02 15	09 08	20 15	22 16	21 14	22 09	...	—
Murree ...	—	—	...	—	...	...	...	—	...	—	—	—	...	—	—
Panjgur ...	—	—	—	01 02	08 02	24 02	16 07	09 03	19 02	—	...	—	31 17	33 16	33 10
Peshawar ...	...	06 08	11 06	16 12	18 13	26 13	...	—	—	—	33 04	29 06	23 05	27 03	20 02
Quetta ...	...	—	—	...	34 04	36 07	06 08	06 10	05 12	—	—	—	—	29 02	30 05
Sharjah ...	—	—	—	...	—	—	—	...	—	—	—	—	—	—	—
Sylhet ...	09 04	10 08	18 07	18 13	14 09	15 13	xx xx	xx xx	07 06	11 09	12 06	14 09	14 11	13 09	14 09
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 16	11 18	12 21	12 25	12 17	10 21	...	...	—	—	...
Chitral ...	—	13 04	14 08	21 01	28 08	—	—	—	—	—	—
Chhor ...	22 19	22 10	—	—	—	—	—	—	—	—	—
Chittagong ...	17 23	17 20	18 18	—	—	—	—	—	—	—	—
Cox's Bazar ...	19 17	28 19	20 17	—	—	—	—	—	—	—	—
Dacca ...	12 13	13 25	13 32	13 22	14 23	14 17	—	—	—	—	—
Dalbandin ...	—	—	08 10	04 08	36 05	29 18	27 15	18 14	17 12	—	—
D. I. Khan ...	—	—	—	—	—	—	—	—	—	—	—
Drosh ...	—	—	—	—	26 03	22 05	21 04	28 02	15 03	05 05	07 12
Fort Sandeman ...	—	—	—	28 03	25 08	23 04	30 08				
Jacobabad ...	16 06	17 06	18 05	18 03	26 04	35 11	04 47	07 13	08 18	12 06	25 13
Jessore ...	09 11	11 13	12 16				—	—	—	—	—
Jhelum ...	06 02	13 07	13 08	20 05	28 06	29 09	—	—	—	—	—
Ishurdi ...	13 09	12 09	—	—	—	—	—	—	—	—	—
Karachi ...	28 09	28 07	...	—	—	—	—	—	—	—	—
Khanpur ...	20 13	20 14	17 11	20 08	23 11	27 13	—	—	—	—	—
Lahore ...	14 09	20 07	17 02	31 08	29 07	26 07	36 03	02 08	—	—	—
Multan ...	23 16	20 17	20 19	21 13	24 08	31 04	36 12	—	—	—	—
Murree ...	—	—	—	—	—	—	—	—	—	—	—
Panjgur ...	—	—	—	34 04	35 06	...	—	—	—	—	—
Peshawar ...	—	06 06	04 07	07 01	27 03	39 16	—	—	—	—	—
Quetta ...	—	—	—	—	30 04	33 11	31 17	—	—	—	—
Sharjah ...	—	—	—	—	—	—	—	—	—	—	—
Sylhet ...	14 01	09 06	11 12	12 16	12 18	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 ...	12 19	11 16	12 17	12 16	12 11	14 12	14 43	13 16	12 17	01 03	10 07	08 23	07 23	17 37		—	—	—
Karachi ...	25 24	24 21	30 18	31 15	32 14	35 11	03 25	05 21	18 43	22 05	32 08	15 08	30 07	18 15	10 08	—	—	—
Peshawar ...		23 10	25 06	23 04	22 06	27 12	28 17	28 19	28 23	29 30	30 48	39 46	—	—	—	—	—	
Quetta ...																		

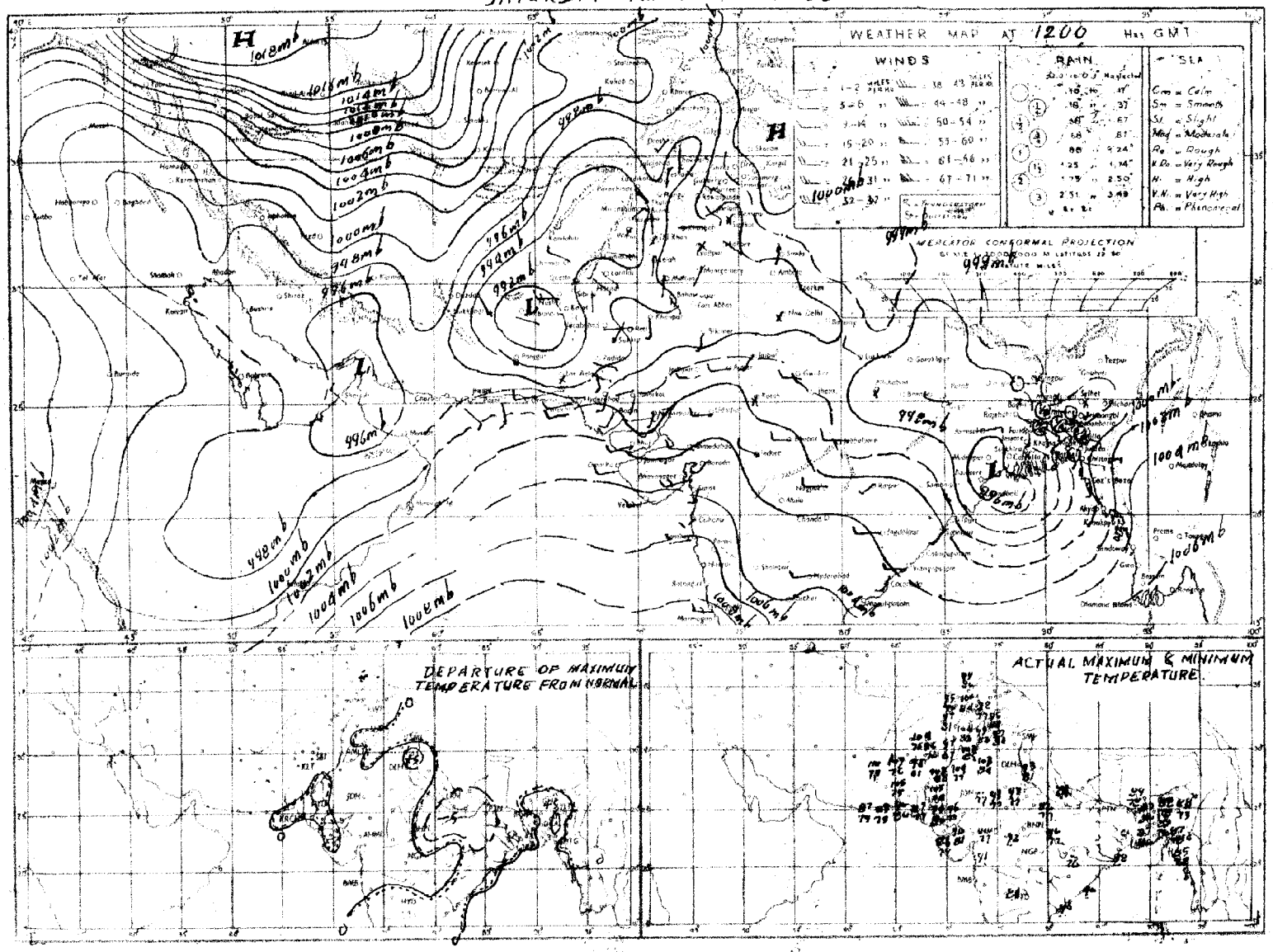
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff", in knots. If wind speed "ff" exceeds 95 knots, 50 is added to "dd" and the hundred figure for wind speed "ff" is omitted.

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

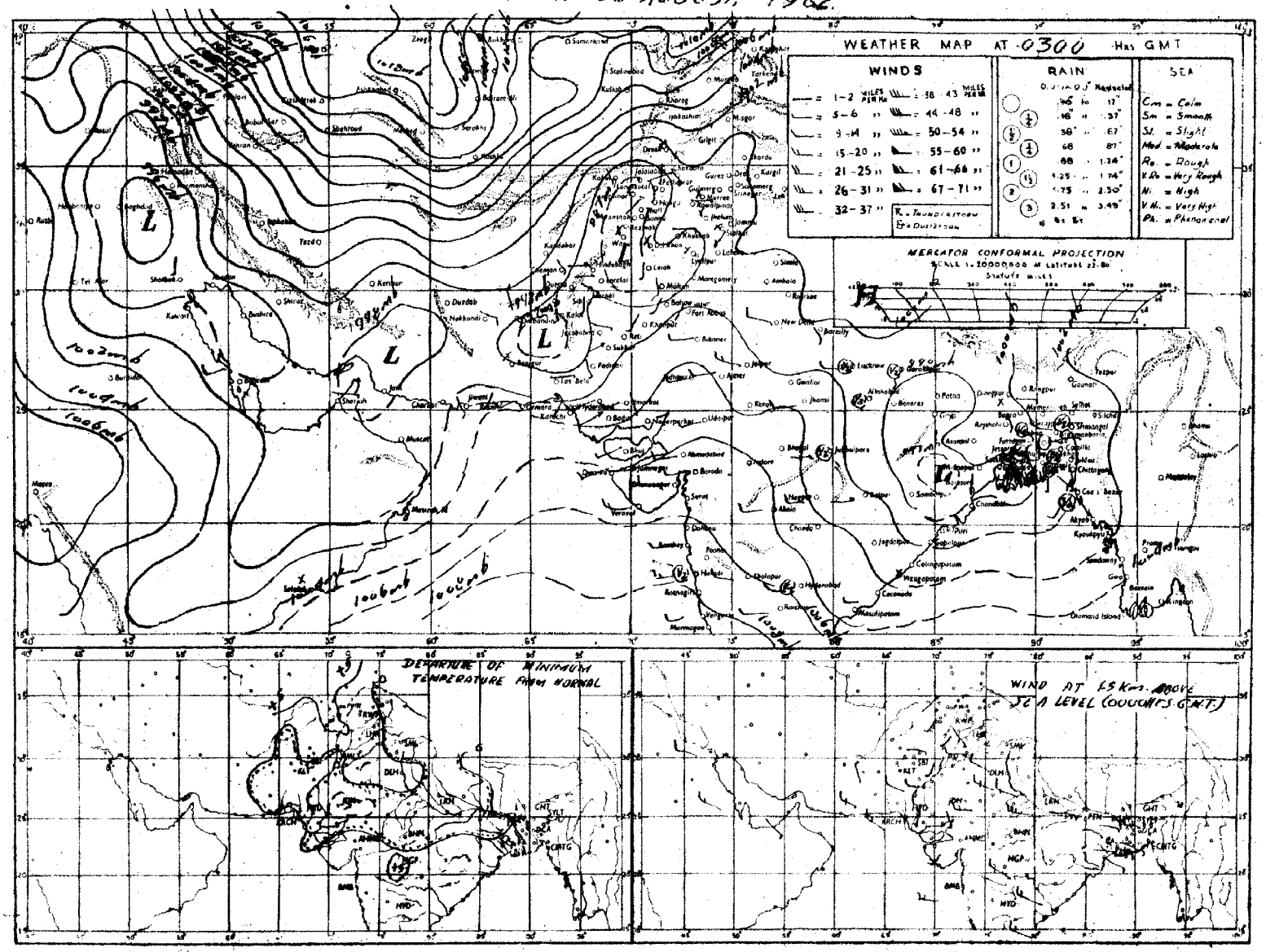
SATURDAY 4th AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 26 AUGUST, 1962.



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. 16

MONDAY THE 6th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's well marked low now lies over Chota Nagpur and adjoining areas.

Under its influence rainfall has been widespread in Khulna division and local elsewhere in East Pakistan with a few thundershowers in Rajshahi division.

The low pressure wave over Rawalpindi division has moved away eastwards and the other to-day lies over Peshawar, Sargodha and adjoining Rawalpindi divisions.

Rain/thundershowers have been local in Peshawar division and scattered in Rawalpindi and D. I. Khan divisions.

Chief amounts of rainfall are :—Kakul 2"; Cox's Bazar 1½"; Satkhira 1"; Barisal, 3/4"; Maijdee Court 1/2" and Chittagong, Comilla, Faridpur, Rangpur, Murree and Drosh 1/4" each.

Day temperatures were nearly normal in the country.

Forecast valid until the evening of 7th August, 1962 :—Rain/thundershowers will be fairly widespread in East Pakistan and Kashmir, local in Lahore, Rawalpindi and Peshawar divisions and scattered in Sargodha and D. I. Khan divisions.

A few dust/thunderstorms are also likely to occur in Multan and Bahawalpur divisions.

Karachi-11
The 6th August, 1962.

OBSERVATIONS

M. AZHAR ADIL
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 † 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	Rangamati	005	5	6	18	09	96	05	6	983	82	5	7	6	1	4	76	90
	Cox's Bazar	140	9	7	23	07	97	01	6	975	80	4	5	4	7	0	77	81
	Chittagong	019	5	8	13	09	96	60	5	968	79	8	7	4	x	x	78	85
	Maijdee Court	015	7	6	18	05	97	21	6	xxx	84	6	2	5	0	0	80	86
	Comilla	011	0	8	18	09	97	00	0	979	78	8	4	4	x	x	78	90
	Brahmanbaria	000	0	6	13	07	97	03	1	957	86	3	5	5	0	8	81	91
	Sylhet	000	0	7	07	00	96	02	2	959	90	7	8	5	0	2	81	93
	Srimangal																	
Dacca	Mymensingh	000	0	8	13	02	97	02	1	961	87	8	8	4	x	x	80	90
	Narayanganj	005	5	8	13	05	96	02	6	944	87	8	4	2	x	v	79	93
	Dacca (Tejgaon)	000	0	6	13	07	97	00	2	943	85	5	8	5	0	1	78	89
	Faridpur	300	0	8	16	69	96	02	2	964	84	5	4	6	1	0	80	87
Khulna	Barisal	018	4	4	09	05	97	01	6	953	86	4	0	9	8	0	81	89
	Khulna	000	0	7	00	00	95	03	2	947	81	7	7	5	0	0	80	90
	Satkhira	000	0	6	00	00	97	03	2	958	85	3	4	6	2	0	79	92
	Jessore	004	6	6	09	05	96	03	6	976	86	5	4	5	6	0	81	89
Rajshahi	Patna	000	0	7	13	05	8	01	2	939	86	0	0	9	0	8	80	88
	Sirajganj	000	0	8	00	00	97	02	2	953	86	8	5	5	x	x	81	87
	Bogra	000	0	7	09	02	76	02	2	950	87	5	4	5	2	x	79	90
	Dinajpur	000	9	5	00	08	96	01	1	950	89	0	0	9	0	9	78	92
	Rangpur	000	0	6	18	02	96	13	1	959	89	3	5	6	2	0	79	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	9	5	00	00	95	05	0	937	97	5	0	9	7	0	77	99
	Sialkot	000	0	0	00	00	97	03	0	933	97	0	0	9	0	0	82	98
Rawalpindi	Jhelum	000	0	1	30	20	96	02	1	939	98	2	0	9	1	0	72	98
	Rawalpindi	000	0	1	09	03	96	05	4	936	93	1	1	8	0	0	74	95
	Campbellpur	000	0	0	13	07	97	01	2	901	00	1	1	8	0	0	71	00
Sargodha	Khushab	000	0	0	18	12	95	06	4	926	03	0	0	9	0	0	71	04
	Lyallpur	000	0	0	00	00	97	00	0	927	02	0	0	9	0	0	69	02
Multan	Montgomery	000	0	0	00	00	96	02	0	936	00	0	0	9	0	0	69	02
	Multan	000	0	0	10	02	97	02	0	929	00	0	0	5	0	0	67	02
	Leiah	000	0	0	12	03	97	00	0	961	0	0	0	9	0	0	55	05
Bahawalpur	Khanpur	000	0	0	18	0	18	00	0	xxx	84	0	0	9	0	0	72	91
	Bahawalpur	000	0	0	13	02	98	00	0	921	03	0	0	9	0	0	71	04
	Fort Abbas	000	0	0	18	02	98	00	0	932	03	0	0	9	0	0	71	06
Peshawar	Chakdara	000	0	0	13	02	97	00	0	907	92	0	0	9	0	0	75	95
	Peshawar	000	0	2	05	05	96	01	0	912	99	1	2	6	0	0	80	01
	Haripur	050	0	5	23	03	96	03	2	933	95	5	1	9	0	0	72	00
D. I. Khan	Bannu	000	0	0	05	01	99	00	0	917	02	0	0	9	0	0	63	03
	D. I. Khan	000	0	0	00	00	98	00	0	981	00	0	0	9	0	0	73	02
Quetta	Sibi	000	0	0	18	02	98	00	0	928	05	0	0	9	0	0	66	06
Kalat	Nokkundi	000	0	0	34	05	17	05	0	921	06	0	0	9	0	0	25	07
	Turbat	000	0	0	23	07	97	00	2	958	03	0	0	9	0	0	03	07
	Jiwani	000	0	5	18	16	92	02	2	99.	84	5	6	4	0	0	71	86
	Pasni	000	0	4	25	17	96	02	1	986	85	0	0	5	3	3	77	09
Karachi Division	Ormara	000	0	5	27	12	94	03	2	981	86	5	1	6	0	0	74	69
	Lasbela	000	0	3	00	00	98	03	0	980	96	3	0	9	3	0	82	01
	Karachi (Manora)	000	0	6	25	00	96	03	2	973	86	6	6	4	0	0	79	89
	Karachi (Airport)	000	0	8	25	12	96	02	2	99.	83	5	5	5	x	x	74	87
Hyderabad	Nagarparkar																	
	Umerkot	000	0	4	23	04	98	02	0	969	94	4	2	7	0	0	73	96
	Hyderabad	000	0	2	23	14	97	03	0	970	91	2	0	9	3	0	71	xx
	Badin	000	0	6	23	05	97	01	0	993	88	0	0	9	0	1	73	55
Khairpur	Padidan	000	0	0	18	05	98	02	0	938	04	0	0	9	0	0	63	05
	Nawabshah	000	0	0	16	03	96	02	0	954	03	0	0	9	0	0	70	05
	Sukkur	000	0	0	20	02	97	02	1	931	04	0	0	9	0	0	72	04
	Kashmore	000	0	0	12	03	8	00	0	923	05	0	0	9	0	0	68	08
	Jacobabad	000	0	3	18	05	96	01	0	926	03	0	0	9	0	8	71	03
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar *	xxx	x	4	00	00	97	03	0	364	88	1	1	7	3	0	63	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *	000	0	1	00	00	97	02	0	235	91	0	0	6	1	2	37	95
	Misgar **	000	0	C	13	02	58	00	0	028	82	0	0	9	C	0	36	85
	Aliabad *																	
	Gilgit *	000	0	0	00	00	99	00	0	376	93	1	0	9	0	0	75	03
Rawalpindi	Murree *	004	6	8	00	00	94	03	6	406	70	8	5	2	1	1	66	72
Peshawar	Drosh *	000	2	7	13	10	56	17	9	367	93	7	9	6	0	0	59	54
	Cherat *	000	0	0	5	11	58	00	0	374	81	0	0	9	0	0	77	90
	Kakul *	015	5	5	09	03	56	27	9	403	76	5	3	6	0	0	72	85
	Landikotal *	000	2	3	03	05	93	29	9	381	90	3	3	7	0	0	76	74
	Parachinar *	009	2	6	13	02	98	03	6	408	81	6	6	8	1	0	63	88
D. I. Khan	Miranshah *	000	0	6	05	04	57	03	2	416	96	4	4	8	0	0	9.	98
	Wana *	000	0	6	00	00	98	01	1	519	85	6	4	9	0	0	69	54
Quetta	Fort Sandeman *	000	0	1	06	01	97	02	0	393	97	1	0	8	3	0	58	59
	Hindubagh *	000	0	0	25	17	95	00	0	387	94	8	0	9	0	0	37	96
	Loralai *	000	0	5	16	03	99	02	1	371	91	8	0	9	1	2	62	56
	Harnai *	000	0	7	16	03	97	02	0	358	93	5	8	5	0	0	63	95
	Quetta *	000	0	0	31	02	96	00	0	353	89	0	0	9	2	0	66	92
	Chaman *	000	0	6	27	07	98	02	1	400	96	6	0	9	0	0	30	97
	Nushki *	000	0	0	31	09	96	05	4	416	99	0	0	9	0	0	52	02
	Dalbandin *	000	0	0	09	03	93	05	4	417	05	0	0	9	0	0	47	01
Kalat	Kalat *	000	0	0	34	07	95	05	0	394	84	0	0	9	0	0	79	86
	Panjgur *	000	0	0	31	08	59	05	0	423	91	0	0	9	0	0	41	03
Afghanistan	Kabul *																	
	Kandhar *																	

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)
Rangamati	005	0	5	18	02	98	05	1	007	85	3	8	7	0	3	78	79
Cox's Bazar	149	1	8	18	05	97	02	6	996	80	5	4	5	2	x	77	77
Chittagong	022	9	8	12	12	97	50	6	992	80	8	3	3	x	x	75	76
Maijdee Court	045	2	8	13	05	96	03	6	988	82	6	5	5	2	x	79	79
Comilla	008	9	8	18	09	97	02	6	990	82	8	4	4	x	x	78	77
Brahmanbaria	000	0	6	13	09	97	03	1	995	85	6	5	5	0	0	78	79
Sylhet	011	9	7	15	05	96	02	6	997	86	2	2	6	1	1	76	80
Srimangal																	
Mymensingh	007	9	7	13	01	97	01	2	998	83	7	5	5	6	0	76	80
Narayanganj	015	5	8	13	07	97	02	6	985	84	8	7	2	x	x	78	80
Dacca (Tejgaon)	009	9	7	13	06	97	02	6	980	83	7	6	3	0	1	79	80
Faridpur	020	0	8	00	09	95	51	2	980	83	7	6	5	1	0	79	79
Barisal	075	4	8	13	02	96	3	6	985	85	8	7	6	x	x	82	79
Khulna	015	9	7	00	00	97	xx	6	978	82	7	5	5	0	0	81	81
Satkhira	000	0	7	00	00	96	03	2	977	83		4	4	2	0	80	80
Jessore	012	9	8	09	03	96	03	6	974	85	8	7	5	x	x	81	79
Patna	003	9	7	13	05	98	01	9	973	85	7	0	9	7	0	79	76
Sirajganj	016	7	8	13	05	97	02	2	983	83	8	4	5	0	0	79	78
Bogra	001	7	8	09	02	96	12	6	982	83	6	5	5	2	x	79	81
Dinajpur	000	9	6	09	02	96	00	0	981	85	6	0	9	4	0	74	78
Rangpur	018	4	7	09	05	96	01	6	997	83	7	5	6	0	0	79	80
Jammu																	
Lahore (Jail Rd.)	000	0	1	23	02	95	05	0	986	88	1	0	9	3	0	73	83
Sialkot	000	0	0	00	00	97	00	0	944	90	0	0	9	0	0	79	83
Jhelum	000	3	7	13	02	96	02	2	952	90	7	0	9	7	0	74	85
Rawalpindi	000	0	7	09	03	96	03	2	956	86	7	3	6	0	0	75	82
Campbellpur	000	0	6	05	02	97	02	1	940	89	2	2	8	1	1	73	87
Khushab	000	0	0	00	00	96	05	0	949	90	0	0	9	0	0	81	88
Lyallpur	000	0	5	15	02	96	03	2	955	87	0	0	9	6	0	71	85
Montgomery	000	0	0	20	02	96	02	0	953	87	6	0	9	0	0	71	83
Multan	000	0	0	18	05	97	02	0	946	85	0	0	9	0	0	72	84
Leiah	000	0	0	18	02	97	00	0	971	9.	0	0	9	0	0	63	81
Khanpur	000	0	6	23	09	95	03	0	959	81	0	0	9	0	0	72	78
Bahawalpur	000	0	0	16	04	97	00	0	970	85	0	0	9	0	0	63	85
Fort Abbas	000	0	0	23	02	98	00	0	962	86	0	0	9	0	0	71	83
Chakdara	000	0	0	09	02	97	00	0	940	80	0	0	9	0	0	73	76
Peshawar	000	0	3	34	07	96	06	0	948	87	1	0	9	3	1	79	86
Haripur	070	3	6	05	05	96	03	2	950	85	6	0	9	0	9	74	81
Bannu	000	0	0	00	00	99	00	0	965	90	0	0	9	0	0	73	84
D. I. Khan	000	2	4	13	02	98	02	1	942	87	0	0	9	0	6	72	84
Sibi	000	0	0	13	02	96	00	0	955	88	0	0	9	0	0	72	87
Nokkundi	000	0	0	05	05	36	08	3	982	86	0	0	9	0	0	34	79
Turbat	000	0	0	27	02	97	00	0	984	83	0	0	9	0	0	74	xx
Jiwani	000	0	6	20	05	96	01	2	004	81	6	6	4	0	0	71	79
Pasni	00.	0	3	25	09	97	03	2	990	82	8	4	9	0	0	74	80
Ormara	000	0	8	25	10	94	03	2	985	81	6	1	6	0	0	81	79
Lasbela	000	0	4	11	02	98	04	0	939	85	4	0	9	4	0	80	xx
Karachi (Manora)	000	0	8	27	12	96	03	2	086	91	2	6	4	0	0	74	79
Karachi (Airport)	00.	0	6	27	09	96	12	2	991	80	6	6	5	0	0	76	79
Nagarparkar																	
Umerkot	000	8	6	23	05	97	02	0	973	83	8	5	7	0	0	73	79
Hyderabad	000	0	8	23	10	97	01	2	988	83	4	5	6	0	1	73	80
Badin	000	0	8	23	05	97	01	0	005	81	8	0	9	0	1	74	78
Padidan	000	0	0	13	05	97	02	0	953	82	0	0	9	0	0	73	78
Nawabshah	0.0	0	0	16	05	6	02	0	952	84	0	0	9	0	0	74	80
Sukkur	000	0	0	16	03	97	02	2	957	81	0	0	9	0	0	72	79
Kashmore	000	0	0	00	00	99	00	0	915	83	0	0	9	0	0	65	65
Jacobabad	000	0	0	13	02	96	02	0	946	82	0	0	9	0	0	80	82
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *																	
Misgar **	000	0	0	36	07	98	00	0	076	67	0	0	9	0	0	38	58
Aliabad *																	
Gilgit *	000	0	0	00	00	99	00	0	398	85	0	0	9	0	0	47	73
Murree *	024	9	7	00	00	96	02	6	421	65	7	5	2	0	0	61	61
Drosh *	035	9	6	00	00	97	02	9	416	74	4	1	7	6	0	63	66
Cherat *	000	0	0	05	05	98	00	0	352	78	0	0	9	0	0	69	53
Kakul *	326	9	8	36	02	56	05	9	409	72	6	7	6	x	x	69	68
Landikotal *	000	0	3	25	03	93	05	4	395	83	3	0	9	3	0	72	78
Parachinar *	009	0	2	00	00	99	00	0	415	70	2	0	9	1	0	57	66
Miranshah *	000	0	0	00	00	99	00	0	393	82	0	0	9	0	0	69	72
Wana *	000	0	6	00	00	98	01	1	513	76	6	0	9	5	0	62	74
Fort Sandeman *	000	0	2	25	01	98	01	0	415	84	2	0	8	3	0	55	78
Hindubagh *	000	0	0	25	16	95	00	0	384	80	0	0	9	0	0	48	71
Loralai *	000	0	8	00	00	99	01	2	406	76	0	0	9	1	2	60	65
Harnai *	000	0	0	00	00	97	00	0	383	86	0	0	9	0	0	66	86
Quetta *	000	0	0	00	00	96	00	0	405	78	0	0	9	0	0	67	68
Chaman *	000	0	0	09	05	98	00	0	417	79	0	0	9	0	0	35	71
Nushki *	000	9	0	31	05	96	05	4	444	81	0	0	8	0	0	52	78
Dalbandin *	000	0	0	05	07	93	50	4	423	85	0	0	9	0	0	38	81
Kalat *	000	0	0	18	02	98	00	0	427	72	0	0	9	0	0	63	60
Panjgur *	000	0	0	00	00	95	05	0	418	83	0	0	9	0	0	46	80
Kabul *																	
Kandhar *																	

Departure from Normal of / Rainfall

Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati	—	—	—	—	—	—
Cox's Bazar	— 4	+ 1	75.3	+ 3.5	86.0	140
Chittagong	— 1	0	53.5	+ 5.2	67.0	108
Maijdee Court	0	+ 1	42.9	— 6.3	62.6	135
Comilla	+ 3	9	37.8	— 0.3	50.0	94
Brahmanbaria	—	—	27.4	— 2.6	45.1	78
Sylhet	—	—	55.5	—	81.6	—
Srimangal						98
Mymensingh	+ 2	+ 2	31.2	— 5.1	36.1	91
Narayanganj	+ 2	+ 1	24.7	— 3.1	44.8	74
Dacca (Tejgaon)	—	—	22.7	—	37.5	—
Faridpur	0	0	21.0	— 7.2	35.9	71
Barisal	+ 2	+ 1	30.1	— 4.4	43.0	81
Khulna	+ 3	+ 3	23.7	— 5.7	31.3	68
Satkhira	+ 4	+ 2	28.1	+ 0.3	35.3	65
Jessore	—	—	17.0	— 9.7	27.2	65
Patna	—	—	25.8	—	44.3	59
Sirajganj	0	— 1	23.9	— 2.3	36.1	64
Bogra	+ 2	+ 2	25.9	— 2.5	38.4	69
Dinajpur	+ 3	— 1	21.8	— 10.2	39.0	72
Rangpur	+ 2	+ 2	32.3	— 3.9	50.3	84
Jammu						—
Lahore (Jail Rd.)	+ 1	+ 4	6.4	— 1.6	12.8	19
Sialkot	+ 3	+ 4	7.4	— 5.1	13.8	32
Jhelum	—	—	8.5	—	14.6	36
Rawalpindi	0	+ 6	5.5	— 6.6	17.1	
Campbellpur	—	—	5.2	—	5.5	
Khushab	+ 3	+ 6	3.1	— 5.0	6.1	15
Lyallpur	+ 3	+ 4	2.1	— 1.7	6.9	12
Montgomery	0	+ 1	5.6	+ 1.4	8.1	10
Multan	+ 2	0	0.3	— 2.7	2.0	7
Leiah	—	—	1.5	—	3.3	8
Khanpur	x	— 3	3.3	+ 0.1	4.2	6
Bahawalpur	+ 3	+ 3	2.4	— 0.7	3.1	6
Fort Abbas	—	—	0.1	—	0.4	8
Chakdara	—	—	3.0	—	12.2	—
Peshawar	+ 1	+ 7	0.2	— 2.0	6.8	11
Haripur	—	—	11.5	—	10.2	—
Bannu	—	—	0.6	—	3.6	11
D. I. Khan	+ 1	+ 2	0.6	— 2.7	3.5	9
Sibi	—	—	2.6	—	3.7	5
Nokkundi	—	—	0	—	0.1	2
Turbat	—	—	1.8	—	4.6	—
Jiwani	—	—	1.2	—	1.9	5
Pasni	0	+ 3	0	— 0.8	0.3	6
Ormara	—	—	1.0	+ 0.3	2.0	6
Lasbela	—	—	0	—	0	8
Karachi (Manora)	+ 4	0	3.0	— 1.3	3.0	8
Karachi (Airport)	—	—	3.2	—	3.2	—
Nagarparkar						—
Umerkot	—	—	3.3	—	2.4	7
Hyderabad	—	+ 1	2.4	— 1.5	2.2	9
Badin	+ 1	— 2	2.3	— 1.8	2.9	—
Padidan	—	—	2.0	—	2.6	—
Nawabshah	—	—	2.4	—	2.8	4
Sukkur	—	—	0.9	—	0.9	—
Kashmore	—	—	0.5	—	0.5	4
Jacobabad	— 2	— 1	0.1	— 1.4	1.8	
Veraval						20
Jalalabad						
Muscat						4
Kuwait						5
Srinagar *	—					26
Gulmarg **						—
Sonamarg **						71
Dras **						24
Leh **						8
Skardu *	—					6
Misgar **	—	—	—	—	—	—
Aliabad *						—
Gilgit *	—	—	—	—	—	5
Murree *	0	+ 4	15.5	— 3.5	33.9	59
Drosh *	+ 3	— 7	4.2	—	16.1	18
Cherat *	+ 3	—	7.6	+ 1.8	31.8	25
Kakul *	—	—	14.6	—	30.1	—
Landikotal *	—	—	0.5	—	12.2	—
Parachinar *	+ 3	+ 1	5.4	—	16.9	29
Miranshah *	—	—	0.3	— 2.7	2.1	10
Wana *	—	—	4.1	—	12.4	11
Fort Sandeman *	+ 4	+ 4	4.3	+ 1.2	9.1	11
Hindubagh *	—	—	0.8	—	4.6	—
Loralai *	—	—	1.1	—	5.2	9
Harnai *	—	—	3.2	— 1.3	6.3	14
Quetta *	— 3	—	0	— 0.8	4.3	9
Chaman *	—	— 4	0	— 0.1	1.3	8
Nushki *	— 2	—	0	—	1.6	—
Dalbandin *	—	+ 5	0	— 0.2	7.1	4
Kalat *	— 4	+ 1	0.1	— 0.8	2.1	7
Panjgur *	+ 2	+ 5	0.3	—	1.1	5
Kabul *						12
Kandhar *						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 6th AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L.L.L.	L.L.L. GG	N dd ff	VV ww W	PPP TT	$N_h C_L h C_M C_H$	$D_s V_s$ a PP	8 $N_s C h_s h_s$	$0 T_s T_s T_d T_d$	$I d_w d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Serenia	13 222	605 12	0 21 18	98 0 20	986 76	00 9 00	36 4 00	—	05 2 73	12 7 22
Kochamowshi	13 220	625 12	8 20 11	97 0 12	025 79	86 5 xx	16 7 11	—	00 2 77	12 1 23
Scottish Lion	13 170	558 12	3 21 27	99 0 30	985 75	25 4 01	54 7 08	—	00 2 74	12 1 36
Rempang	13 170	564 12	0 22 36	97 0 20	967 75	00 9 00	54 7 18	—	00 7 70	12 2 46
Sarangam	13 226	645 12	5 22 16	98 0 22	022 81	56 3 00	25 2 08	—	00 1 73	12 2 22
Isselin	13 215	696 12	1 23 22	97 0 11	015 75	15 5 00	16 7 22	—	00 2 72	12 0 x1
Sardhnna	13 240	608 18	5 23 13	98 0 12	990 79	5x x xx	65 2 10	—	05 2 73	12 3 xx
Sarangam	13 230	657 18	8 24 26	97 0 22	934 81	86 3 xx	25 2 15	—	00 0 75	12 4 45
Serenia	13 215	620 18	7 19 18	98 0 12	012 76	00 9 x0	36 2 10	—	00 0 73	11 9 24
Kualalumpur	13 099	666 18	5 24 13	98 0 32	115 82	5x 0 xx	24 x xx	—	00 4 73	12 2 35
Indian Industry	13 075	748 18	5 27 13	59 0 22	990 72	11 7 30	32 5 43	—		—

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 (HHHTTTT$_d$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	...	—	—	139 178 142	...	304 105 052	—	—	—	...	—	—	..
Jiwani ...														
Karachi ...	00 00	995 262 225	524 xxx xxx	...	139 182 168	...	303 152 899	411 040 999	576 570 999	475 652 999	959 778	240 975	524 112	...
Lahore ...	00 00	971 318 228	...	—	140 268 192	—	310 172 128	442 122 075	592 040 999	775 550 599	991 692	..	..	—
Multan ...														
Peshawar ...	00 00	954 302 248	..	...	138 230 999	...	301 060 999	425 530 999	567 620 909	734 722 999	—	...	...	—
Quetta ...	00 00	MISDA	...	...	—	...	...	—	—	...	—	—	—	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	500 202 175	—	—	—	—	...	—	—	...	900 202 175	...	—
Jiwani ...													
Karachi ...	00 00	900 195 182	800 175 132	...	—	—	..	—	...	...	800 175 132	...	—
Lahore ...	00 00	900 305 212	800 232 182	...	...	—	—	..	...	—	800 232 182	...	..
Multan ...													
Peshawar ...	00 00	900 250 899	800 142 999	...	—	—	...	—	...	—	800 142 999	...	...
Quetta ...	00 00	MISDA	—	...	...	...	...					...	—

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 temperature 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 ...	10 12	30 11	13 15	13 18	...				
Chaklala ...	...	12 05	14 03	20 07	25 12	30 07	34 06	35 05	34 06
Chhor ...	23 20	22 23	13 20	17 05	19 07	...	—	...	...
Chittagong ...	—	—	...	...	...	...	—	—	...
Cox's Bazar ...	19 17	20 16	20 31	—	—	...	—	...	...
Dacca ...	12 17	13 17	13 17	14 13	17 05	...	...	...	...
Dalbandin ...	...	—	16 01	11 05	16 04	08 09	14 06	2 03	...
D.I. Khan ...	—	...	—	...	—	...	—	...	...
Drosh ...	...	—	...	...	22 11	21 13	20 17	...	...
Fort Sandeman ...	...	...	...	34 01	03 03	30 11	31 08	...	...
Jacobabad ...	16 06	17 08	18 08	33 05	33 06	29 04	33 13	02 20	07 38
Jessore ...	13 12	12 13	12 12	11 09	—	...	...	...	...
Jhelum ...	13 01	17 03	20 05	28 06	29 07	32 06	01 04	03 04	11 10
Jiwani ...	18 19	...	...	...	...	...	—	...	...
Karachi ...	26 17	26 17	28 20	—	...	...	...	—	...
Khanpur ...	23 10	21 09	21 09	24 12	25 07	29 08	36 10	04 10	36 15
Lahore ...	07 03	22 01	28 03	25 08	26 12	31 06	31 08	...	...
Multan ...	23 10	21 12	19 09	30 05	29 07	33 07	30 11	31 17	...
Muscat ...	—	—	...	...	...	...	...	...	...
Panjgur ...	—	—	—	34 06	36 09	...	...	—	—
Peshawar ...	...	04 12	07 08	13 06	20 13	27 09	...	—	...
Quetta ...	—	—	—	—	29 07	—	...	—	—
Sharjah ...	...	...	—	—	—	...	...	...	—
Sylhet ...	20 01	20 03	18 04	18 08	17 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 17					
Chaklala ...	—	31 09	15 09	23 11	24 08	31 06
Chhor ...	22 20	23 14	25 24	—	...	...
Chittagong ...	18 23	19 22	31 21	...	—	...
Cox's Bazar ...	16 19	30 24	—	...	...	—
Dacca ...	...	...	...	...	...	...
Dalbandin ...	—	...	03 05	35 19	01 05	31 02
D.I. Khan ...	—	...	...	...	...	...
Drosh ...	...	—	...	23 03	24 02	21 03
Fort Sandeman ...	...	...	...	24 03	30 13	...
Jacobabad ...	17 17	20 09	24 04	32 08	34 19	36 15
Jessore ...	21 07	21 07	18 09	—	...	...
Jhelum ...	12 09	15 13	19 07	23 12	22 11	35 07
Jiwani ...	21 07	—	—	...	...	—
Karachi ...	...	...	...	...	...	...
Khanpur ...	22 23	22 27	24 25	24 27	24 19	...
Lahore ...	17 07	18 11	18 09	29 04	28 08	28 13
Multan ...	22 24	22 26	22 28	—	...	—
Muscat ...	—	—	...	...	...	...
Panjgur ...	—	...	—	34 09	13 18	02 11
Peshawar ...	...	...	...	...	...	...
Quetta ...	...	...	...	—	26 05	28 08
Sharjah ...	...	...	...	...	...	...
Sylhet ...	No	...	...	...	...	...
Veraval ...	—	Ascent	...	...	—	...

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 10	12 21							...	...	...
Chaklala ...	...	12 09	12 09	18 03	27 07	24 06	28 05	30 05	—	...	—
Chhor ...	22 14	22 15	—	...	—	—	—	...	—	—	...
Chittagong ...	...	...	...	...	...	—	—	—	—	—	...
Cox's Bazar ...	18 15	17 15	13 15	...	...	...	...	—	—	—	...
Dacca ...	11 13	13 20	13 17	...	...	...	...	...	—	—	—
Dalbandin ...	...	—	10 13	09 11	30 07	29 07	24 10	...	...	—	...
D.I. Khan ...	...	...	...	—	...	...	...	...	—	...	...
Drosh ...	...	—	—	...	21 04	18 02	...	—	...	—	—
Fort Sandeman ...	...	...	...	28 06	31 13	24 03	21 02	...	...	...	...
Jacobabad ...	20 02	27 03	34 05	34 08	34 13	35 21	35 23	36 09	10 07	15 13	22 17
Jessore ...	18 08	18 09	19 11	...	...	...	...	...	...	...	...
Jhelum ...	12 04	13 05	12 04	33 04	29 04	29 02	28 01	18 00	—	—	...
Jiwani ...	20 09	18 07	...	...	—	—	...	—	—	—	...
Karachi ...	20 21	27 25	37 21	...	...	...	...	...	—	—	...
Khanpur ...	20 13	21 15	21 16	33 13	24 08	23 03	23 04	13 03	23 14	24 17	...
Lahore ...	27 04	28 06	27 04	10 02	26 01	22 06	24 03	...	...	...	...
Multan ...	20 15	20 17	21 13	33 04	25 03	01 09	35 08	34 07	—	...	...
Muscat ...	—	—	...	...	...	...	...	...	—	—	...
Panjgur ...	—	...	...	35 09	36 10	36 18	...	...	—	...	...
Peshawar ...	—	03 07	02 07	07 05	36 04	29 11	25 10	24 03	31 14	31 13	...
Quetta ...	—	...	—	—	32 05	29 12	27 21	...	...	—	...
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 ...	xx xx	xxxx	17 10	17 10	17 11	15 01	16 13	—	—	—	—	—	—	—	—	—	—	—
Karachi ...	25 32	27 35	29 28	30 19	33 21	01 20	01 21	06 06	06 32	31 05	14 06	12 11	12 19	11 24	—	—	—	—
Peshawar ...	.	35 04	02 03	01 01	04 04	29 08	26 09	23 12	28 25	—	—	—	—	...	—	...	—	—
Quetta ...																		

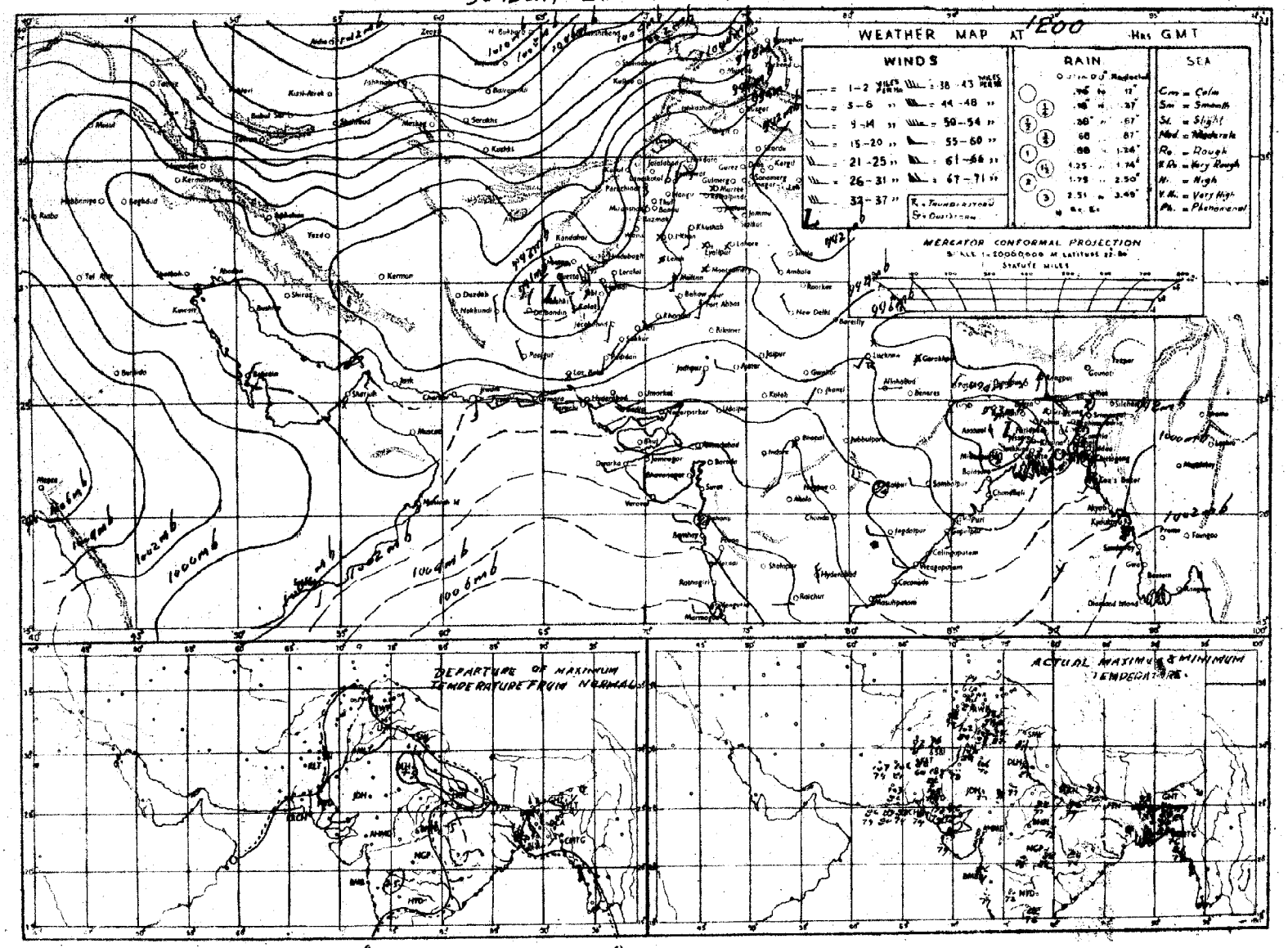
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiil Cdd VrVr etc.)

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

PAKISTAN DAILY WEATHER MAP

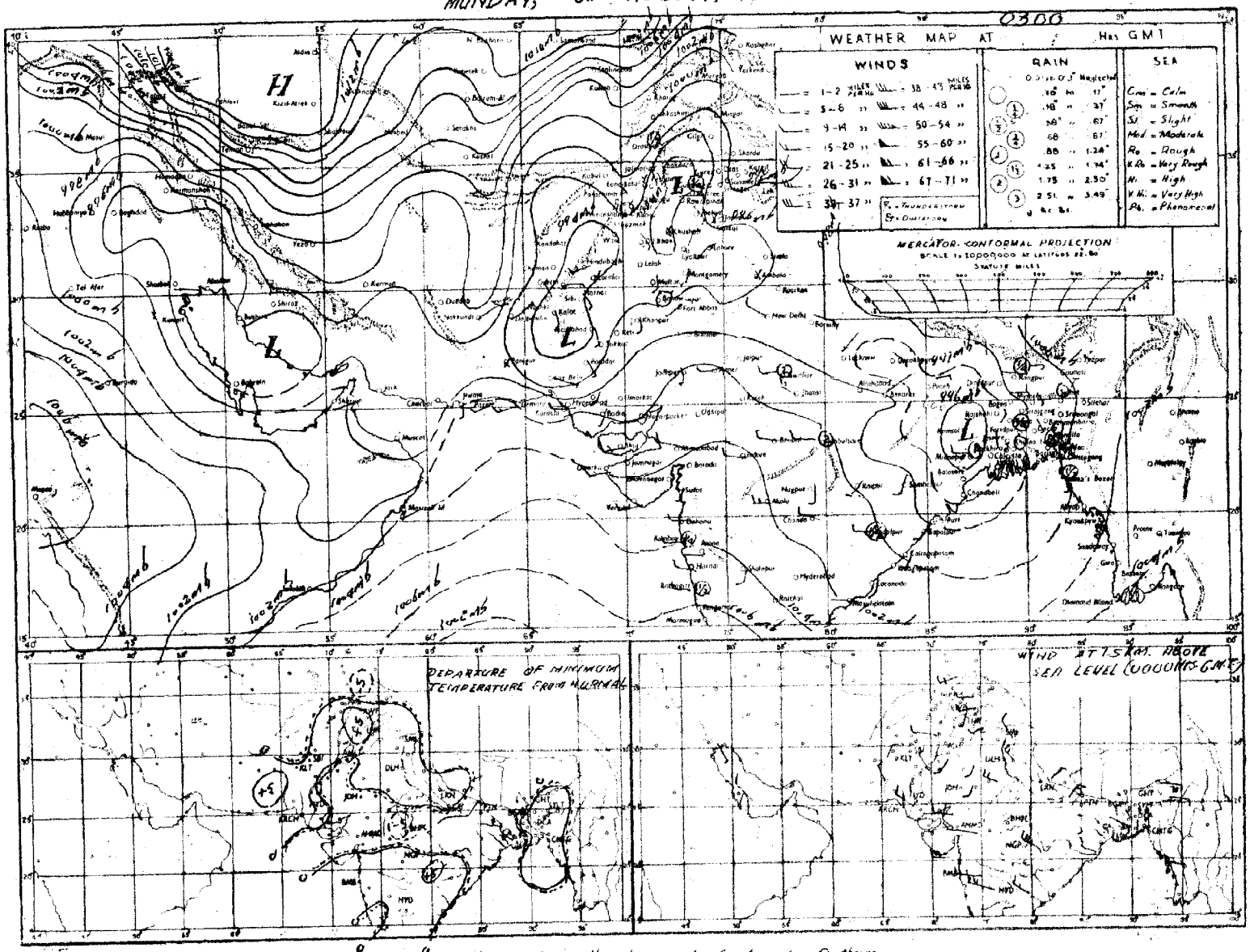
SUNDAY, 5th AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

MONDAY, 6th AUGUST, 1962



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

Monthly Subscription

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

TUESDAY THE 7th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Observations are lacking but believe yesterday's well marked low over Chota Nagpur now lies as an extended low pressure area over Chota Nagpur and southeast Uttar Pradesh.

Rainfall has been fairly widespread in Dacca division and local in Chittagong and Khulna divisions. A few falls of light rain have also occurred in Rajshahi division.

A trough of low has developed over north Bay of Bengal.

Yesterday's low pressure wave over Rawalpindi division and neighbourhood has moved away northeastwards after causing local thunderstorms/showers in Rawalpindi and Peshawar divisions and isolated duststorms in Quetta division.

Another low pressure wave lies, to-day, over D. I. Khan division and neighbourhood.

Chief amounts of rainfall are :—Sylhet 1¾"; Haripur 3/4"; Rangamati (upto 07,0000 GMT), Comilla, Mymensingh, Murree and Chakdara 1/2" each and Maijdee Court (upto 06,1200 GMT), Brahmanbaria, Narayanganj, Campbellpur and Kakul 1/4" each.

Day temperatures were 4—6 °F (2—3 °C) below normal in Quetta and northern Kalat divisions and were 3—6 °F (2—3 °C) above normal in Lahore, Rawalpindi, Sargodha and Multan divisions.

Forecast valid until the evening of 8th August, 1962 :—Thunderstorms/showers will be local in East Pakistan and scattered in Peshawar, D. I. Khan and Rawalpindi divisions and in Kashmir.

Karachi-11
The 7th August, 1962.

OBSERVATIONS

M. AZHAR ADIL
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 °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 1962 to date	Departure from normal	Since 1st January, 1962 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	Rangamati	000	0	6	13	02	97	15	2	979	86	3	8	6	5	0	78	91																	—	—	—	—		—
	Cox's Bazar	001	7	6	23	09	97	01	6	963	83	5	5	5	2	0	79	85	001	0	5	16	05	97	02	2	015	86	7	4	5	4	0	76	78	0	+ 2	75.2	+ 2.6	66.0	140
	Chittagong	000	3	8	23	10	97	02	2	964	82	3	5	6	2	0	75	86	000	0	6	00	00	97	02	2	020	83	2	4	6	2	0	77	79	+ 1	+ 2	53.5	— 4.6	67.0	108
	Maijdee Court	025	3	5	18	05	97	03	6	971	83	4	2	5	0	0	77	87																	+ 1					115
	Comilla	000	0	8	00	00	96	02	2	947	84	8	4	5	x	x	79	92	062	1	8	18	05	97	02	6	989	85	8	4	4	x	x	78	76	+ 5	— 1	38.5	— 0.3	30.7	94
	Brahmanbaria	000	0	6	18	03	97	03	1	966	85	2	5	5	0	0	79	80	030	0	6	18	02	97	03	1	030	82	6	0	9	2	0	75	77	—	—	27.4	— 1.6	45.4	78
	Sylhet	000	0	7	00	00	96	02	2	959	87	3	4	6	2	1	80	90	174	0	8	00	00	96	61	9	031	81	6	7	4	2	x	78	77	—	—	57.2	—	89.4	—
	Srimangal																																								98
Dacca	Mymensingh	000	0	6	00	07	97	02	1	987	86	0	0	9	0	0	77	89	045	3	8	40	00	96	63	6	036	79	8	8	0	1	x	78	78	+ 1	0	31.7	— 5.1	36.6	81
	Narayanganj	000	9	8	10	03	96	02	2	962	84	8	4	2	x	x	79	88	033	6	9	09	10	97	02	6	029	84	8	7	4	x	x	78	81	+ 1	+ 2	25.1	— 3.1	42.2	74
	Dacca (Tejgaon)	000	9	8	18	02	97	03	2	956	83	2	5	4	7	x	79	86	008	7	8	13	02	97	02	6	019	83	7	4	4	2	x	79	xx	—	—	22.7	—	27.5	—
	Faridpur	015	0	8	16	02	96	02	5	950	84	6	5	6	1	0	78	86	015	0	8	16	02	96	02	2	977	85	6	5	6	1	0	78	79	— 1	0	21.1	— 7.5	38.0	71
Khulna	Barisal	000	0	8	18	07	96	02	2	968	85	8	7	6	x	x	79	89																	+ 2					81
	Khulna	000	0	6	00	00	97	01	2	962	65	6	6	6	0	0	81	89	009	0	6	00	60	97	02	2	020	xx	6	5	6	0	0	79	80	+ 2	+ 2	23.7	— 6.1	31.3	68
	Satkhira	000	0	5	00	00	97	03	2	957	87	2	4	6	2	0	79	90	011	0	5	00	07	97	00	0	015	86	3	4	6	3	0	80	81	+ 2	+ 3	20.2	0	35.4	68
	Jessore	004	7	8	18	03	96	03	6	957	65	8	8	5	x	x	81	89	013	0	8	13	05	96	03	1	xxx	xx	8	7	5	x	x	81	79	—	—	17.1	— 9.9	27.4	65
Rajshahi	Pabna	000	0	7	00	00	98	01	2	937	84	4	3	6	0	8	81	98	003	1	8	xx	xx	91	01	6	010	85	2	7	6	9	x	79	79	—	—	25.9	—	44.4	59
	Sirajganj	000	9	7	00	00	97	02	2	956	84	7	0	9	4	0	80	86	000	0	8	13	02	97	02	2	032	80	8	4	5	0	8	79	79	— 1	0	23.9	— 2.7	36.1	64
	Bogra	000	0	7	13	05	96	02	2	950	86	1	5	5	2	0	78	94	000	9	8	13	02	96	03	6	023	84	4	5	6	7	x	81	91	+ 6	+ 2	25.9	— 2.9	39.4	69
	Dinajpur	000	9	3	09	02	96	02	2	959	88	3	0	9	4	0	78	91	000	9	6	00	00	96	02	4	019	84	6	2	7	2	8	78	xx	+ 3	—	21.8	— 10.7	29.0	72
	Rangpur	000	0	3	1	02	96	01	2	954	88	5	0	9	2	0	80	91	030	0	6	13	02	96	01	6	029	93	5	5	6	1	0	79	81	+ 2	+ 3	32.3	— 4.3	50.5	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	9	0	00	00	95	05	1	936	01	0	0	9	0	0	75	04	000	0	0	00	03	95	05	0	981	90	6	0	9	0	0	74	84	+ 6	+ 5	6.4	— 1.8	12.8	19
	Sialkot	000	8	2	09	03	97	02	0	922	98	2	2	6	x	x	80	02	000	0	0	00	00	97	00	0	973	91	0	0	9	0	0	80	86	+ 7	+ 7	7.4	— 5.3	13.8	30
Rawalpindi	Jhelum	000	0	3	23	02	96	02	1	915	01	2	1	7	0	0	67	03	000	0	3	00	00	95	05	0	973	90	3	0	9	7	0	76	85	—	—	8.5	—	14.6	
	Rawalpindi	000	0	1	13	02	97	05	2	917	97	1	0	9	4	0	73	99	008	2	6	05	03	97	03	2	985	81	6	3	6	0	0	73	78	+ 4	+ 2	5.6	— 6.8	17.2	36
	Campbellpur	000	9	2	13	03	97	01	2	876	02	1	1	8	1	1	70	02	020	9	2	13	02	97	01	1	972	81	0	0	0	1	1	72	76	—	—	5.4	—	5.7	—
Sargodha	Khushab	000	0	0	00	03	96	05	4	986	04	0	0	9	0	0	84	05	000	0	0	13	02	96	05	0	969	92	0	0	9	0	0	81	87	+ 5	+ 5	1.1	— 5.1	6.1	15
	Lyallpur	000	0	0	13	03	97	00	0	926	02	0	0	9	0	0	67	02	000	0	0	16	02	96	00	0	970	xx	0	0	9	0	0	77	87	+ 3	+ 6	3.1	— 1.8	6.9	12
Multan	Montgomery	000	0	0	00	00	96	02	0	923	00	0	0	9	0	0	75	03	000	0	0	27	02	96	02	0	987	89	0	0	9	0	0	75	84	+ 2	+ 2	5.6	+ 1.3	8.1	10
	Multan	000	0	0	18	02	97	02	0	919	0	0	0	9	0	0	68	03	000	0	0	18	02	97	02	0	975	87	0	0	9	0	0	74	85	+ 4	—	0.3	—	2.0	7
	Leiah	000	0	0	18	03	97	00	0	952	00	0	0	9	0	0	71	02	000	0	0	18	01	97	00	0	978	96	0	0	9	0	0	57	85	—	—	1.5		3.3	8
Bahawalpur	Khanpur	000	0	0	23	0	96	02	0	919	02	0	0	9	0	0	69	03	000	0	0	23	03	95	05	0	981	83	0	0	9	0	0	73	80	0	— 2	3.3	0	4.3	6
	Bahawalpur	000	0	0	13	03	97	00	0	969	02	0	0	9	0	0	76	03	000	0	0	13	02	98	00	0	003	85	0	0	9	0	0	73	90	+ 2	— 11	2.4	— 0.8	3.1	6
	Fort Abbas	000	0	0	18	02	98	00	0	933	00	0	0	9	0	0	71	05	000	0	0	23	02	98	0	0	997	87	0	0	9	0	0	74	85	—	—	0.1	—	0.4	8
Peshawar	Chakdara	0.0	0	0	1	2	97	00	8	899	94	0	0	9	0	0	61	96	041	9	4	09	02	96	01	9	969	74	4	3	7	0	0	71	xx	—	—	3.4	—	12.6	—
	Peshawar	000	0	3	36	07	96	06	0	948	00	3	9	6	0	0	78	02	000	0	0	10	00	96	06	1	994	82	0	0	9	0	0	75	78	+ 3	+ 9	2.2	— 2.1	6.8	11
	Haripur	000	0	0	05	02	95	05	0	918	95	0	0	9	0	0	79	97	080	6	8	09	05	96	03	6	961	76	8	7	6	0	0	72	72	—	—	12.3	—	19.0	—
D. I. Khan	Bannu	000	4	0	13	02	99	02	0	961	03	0	0	9	0	0	66	04	000	0	0	00	00	99	00	0	962	93	0	0	9	0	0	63	87	—	—	0.6	—	3.6	11
	D. I. Khan	000	9	0	00	00	98	00	0	910	02	0	0	9	0	0	75	02	000	0	0	00	00	98	00	0	966	90	0	0	9	0	0	77	85	+ 2	+ 3	0.6	— 2.8	3.5	9
Quetta	Sibi	000	0	0	23	02	99	06	0	905	08	0	0	9	0	0	62	09	000	0	0	23	02	98	00	0	987	87	0	0	9	0	0	74	88	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	0	0	34	25	96	07	0	941	98	9	0	9	0	0	33	99	000	0	0	05	05	97	02	0	005	83	0	0	9	0	0	29	77	—	—	0	—	0.1	3
	Turbat	000	0	0	27	03	96	06	0	941	07	0	0	9	0	0	74	00	000	0	0	27	01	96	06	0	999	83	0	0	9	0	0	77	xx	—	—	1.8	—	4.6	—
	Jiwani	000	6	0	20	14	97	01	1	972	03	0	0	9	0	0	73	06	000	0	4	18	03	97	01	1	002	83	4	6	4	0	0	74	78	—	—	1.2	—	1.8	5
	Pasni	000	8	2	25	17	95	07	4	950	85	8	0	9	0	2	76	08	00	3	0	29	05	95	05	4	036	81	0	0	9	0	0	73	78	— 1	+ 1	0	— 0.8	0.2	6
Karachi Division	Ormara	000	0	8	25	16	94	03	2	933	84	8	0	9	1	0	75	07	000	0	8	27	07	94	05	2	987	81	8	1	6	0	0	77	80	—	—	1.0	+ 0.3	2.0	6
	Lasbela	000	0	3	00	00	98	03	0	869	97	3	0	9	3	0	85	02	000	3	3	18	01	97	03	0	949	84	3	0	8	3	3	81	xx	—	—	0	—	0	8
	Karachi (Manora)	000	0	7	25	16	96	03	2	967	85	7	6	4	0	0	77	09	000	0	6	25	12	96	04	2	067	82	3	6	4	0	0	74	80	+ 3	+ 1	3.0	— 1.4	3.0	8
	Karachi (Airport)	000	0	7	25	19	96	02	3	963	84	7	5	5	0	0	77	07	00	0	8	25	05	96	02	5	989	81	6	6	4	2	x	77	79	—	—	3.2	—	3.3	—
Hyderabad	Nagarparkar	000		5	23	03	97	00	0	953	90	8	0	9	0	5	67	94	000	0	5	23	03	97	00	0	970	82	7	0	9	4	7	65	80		—	4.0		4.0	—
	Umerkot	000	0	1	23	03	98	02	0	952	90	6	5	7	0	0	73	92	000	0	6	23	04	97	02	0	985	82	8	5	7	0	0	73	78	—	—	3.3	—	3.4	
	Hyderabad	000	0	0	23	16	97	02	0	944	92	0	0	9	0	0	71	96	000	0	7	23	14	97	03	2	979	83	1	5	6	0	1	73	81	0	+ 1	2.4	— 1.5	3.0	7
	Badin	000	0	4	23	05	97	00	0	991	82	0	0	4	0	1	67	89	000	0	6	23	02	97	01	0	801	81	0	0	9	0	1	75	78	+ 3	— 2	3.1	— 2.0	3.0	9
Khairpur	Padidan	000	0	0	18	07	97	02	0	922	03	0	0	9	0	0	67	04	000	0	0	13	09	97	02	0	975	83	0	0	9	0	0	73	79	—	—	2.0	—	2.6	—
	Nawabshah	000	0	0	16	05	96	02	0	935	02	0	0	9	0	0	72	04	000	0	0	18	05	96	02	0	982	83	0	0	9	0	0	73	80	—	—	2.4	—	2.8	4
	Sukkur	000	0	0	23	02	96	02	0	917	03	0	0	9	0	0	72	04	000	0	0	20	03	96	02	0	977	83	0	0	9	0	0	74	80	—	—	0.9	—	0.9	—
	Kashmore	000	0	0	18	02	99	00	0	944	02	0	0	9	0	0	66	xx	000	0	0	00	03	99	00	0	906	83	0	0	9	0	0	64	78	—	—	0.5	—	0.5	4
	Jacobabad	000	0	0	13	03	96	02	0	910	00	4	0	9	0	0	90	05	000	0	3	13	03	96	03	0	983	85	0	0	9	0	8	82	82	+ 1	— 1	0.1	— 1.5	1.8	30
Junagadh	Veraval																																								
Afghanistan	Jalalabad																																								
Arabia	Muscat																																								4
	Kuwait																																								5
	HILL STATIONS																																								
Kashmir	Srinagar *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	xxx	x	2	05	03	97	01	1	421	93	1	1	6	3	0	60	64		—				26
	Gulmarg **	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	xxx	x	2	02	04	98	02	0	095	64	2	1	5	0	0	54	48		—				71
	Sonamarg **																		xxx	x	0	02	23	98	00	0	059	92	0	0	9	0	0	73	xx		—				26
	Dras **	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																							3
	Leh **																																								6
	Skardu *	000	0	4	23	03	97	01	3	224	96	4	4	6	0	0	47	90	000	0	6	27	08	97	08	2	342	76	1	1	6	3	0	50	xx	—	—				—
	Misgar **	000	0	6	17	05	96	03	0	006	78	0	0	9	5	0	40	86	000	0	5	13	02	98	01	1	092	64	1	1	8	6	0	49	88	—	—				—
	Alliabad *																																								
	Gilgit *	001		8	20	00	97	50	6	436	68	8	7	7	x	x	72	98	000	0	2	00	00	98	01	1	445	84	2	5	8	8	0	13	73	—	—				5
Rawalpindi	Murree *	003	5	7	27	05	96	02	6	410	7	5	5	4	8	5	63	75	048	7	8	05	02	96	03	6	438	64	8	5	2	1	1	60	60	+ 3	+ 3	16.0	— 3.6	34.3	59
Peshawar	Drosh *	000	3	8	23	05	96	95	9	397	81		9	6	x	2	61	68	006	9	6	00	00	97	01	9	439	74	1	1	7	5	0	65	70	+ 2	— 3	4.2	—	16.2	18
	Cherat *	000	0	0	5	13	58	00	0	344	89	0	0	9	0	0	84	91	000	0	0	2	07	98	00	0	363	73	0	0	9	0	0	71	71	—	—	7.6	+ 1.7	31.8	29
	Kakul *	001	1	8	34	17	95	17	6	399	77	8	4	6	x	x	63	83	021	9	7	13	03	96	21	9	436	71	7	7	6	0	0	68	68	—	—	14.9	—	30.3	—
	Landikotal *	000	0	3	05	03	97	05	4	368	93	3	1	7	0	0	78	94	000	0	3	00	00	94	05	4	418	81	0	0	9	0	4	70	75	—	—	0.5	—	12.2	—
	Parachinar *	000	0	6	00	00	98	03	0	390	81	6	6	8	1	0	51	87	00	0	0	00	00	99	00	0	444	74	0	0	9	0	0	61	69	+ 2	+ 4	5.4	—	18.9	19
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	375	96	0	0	9	0	0	74	xx	000	0	0	00	00	97	00	0	413	84	0	0	9	0	0	69	80	—	—	0.3	— 2.8	2.1	11
	Wana *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	000	0	0	00	00	98	00	0	513	76	0	0	9	0	0	62	74	—	—	4.1	—	12.4	11
Quetta	Fort Sandeman *	000	0	0	25	01	99	02	0	392	99	0	0	9	0	0	49	91	000	0	0	00	00	98	05	3	407	85	0	0	9	0	0	46	77	+ 6	+ 3	4.3	+ 1.1	9.1	11
	Hindubagh *	000	0	0	27	09	96	00	0	372	89	0	0	9	0	0	40	92	000	0	0	27	03	96	00	0	400	75	0	0	9	0	0	48	66	—	—	0.8	—	4.6	—
	Loralai *	000	0	7	16	03	98	02	2	367	94	0	4	6	2	1	56	96	000	0	7	31	03	98	02	2	424	78	0	4	6	2	1	47	68	—	—	1.1	—	5.2	9
	Harnai *	000	0	0	16	00	97	00	0	366	80	0	0	9	0	0	53	81	000	0	0	00	00	97	00	0	408	84	0	0	9	0	0	64	83	—	—	3.2	— 1.3	6.3	14
	Quetta *	000	4	0	31	03	96	00	0	401	94	0	0	9	0	0	67	92	000	0	0	00	00	96	00	0	427	76	0	0	9	0	0	61	68	—	—	0	— 0.8	4.2	9
	Chaman *	000	0	0	23	07	98	00	0	391	95	0	0	9	0	0	38	96	000	0	0	23	05	98	00	0	433	80	0	0	9	0	0	37	73	— 4	— 2	0	— 0.1	1.3	8
	Nushki *	000	9	0	18	05	95	5	4	444	95	0	0	9	0	0	47	97	000	0	0	31	09	93	05	4	444	83	0	0	9	0	0	08	79	—	—	0	—	1.6	—
	Dalbandin *	000	0	0	13	07	93	05	4	510	81	0	0	9	0	0	28	03	000	9	0	23	03	93	05	4	437	81	0	0	9	0	0	33	75	— 3	+ 2	0	— 0.3	7.1	4
Kalat	Kalat *	000	0	0	31	05	97	00	0	397	82	0	0	9	0	0	77	84	000	0	0	36	02	98	00	0	448	70	0	0	9	0	0	64	58	— 6	— 1	0.1	— 0.8	2.1	7
	Panjgur *	000	0	0	36	09	95	05	0	465	98	0	0	9	0	0	51	00	000	0	0	09	02	95	05	0	434	84	0	0	9	0	0	46	79	— 2	+ 4	0.3	—	1.3	5
Afghanistan	Kabul *																																								
	Kandhar *																																								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 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 7th AUGUST, 1962

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$YQL_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_sChh_s	$0T_sT_bT_dT_d$	$I_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Circassia	23 166	550 00	8 14 18	99 0 02	026 75	xx 0 xx	...	...	00 7 76	...
State of Bombay	23 184	603 00	1 24 24	98 0 20	984 81	11 5 00	56 8 10	...	...	12 5 34
Mahdi	23 225	681 00	8 24 13	98 0 22	00x 80	33 x xx	...	...	...	...
Dondo	23 234	592 06	4 08 08	97 0 21	991 86	41 7 00	35 4 00	...	36 2 82	10 8 x1
Mahdi	23 217	686 06	7 24 13	99 0 32	10x 86	33 x xx	...	...	...	...
Serenia	23 194	651 06	6 23 18	98 0 32	034 80	67 6 xx	36 1 05	...	00 5 74	11 9 74
Caltex Haque	23 319	557 06	6 22 24	97 0 21	003 76	11 4 07	...	...	00 5 73	12 2 44
Chapra	23 159	724 06	7 27 30	97 0 22	050 82	77 3 00	74 8 05	...	00 0 75	13 7 32
Circassia	23 173	565 06	8 22 24	96 0 72	014 72	09 9 04	...	...	...	...
Limburg	23 180	574 06	8 21 24	97 0 22	998 76	00 9 07	16 1 03	...	00 7 73	12 1 34
Scottish Lion	23 156	528 06	8 21 13	97 0 2x	018 74	00 9 2x	54 0 08	...	00 9 73	12 1 35
Caltex the Haque	23 132	564 12	0 22 29	99 0 20	031 79	00 9 00	...	...	00 1 72	12 2 44
Isselia	23 263	557 12	0 04 05	97 0 20	971 92	00 9 00	66 7 15	...	00 8 01	10 4 x0
Scottish Lion	23 153	519 12	2 20 13	97 0 31	981 76	00 0 06	54 7 12	...	00 3 72	12 0 23
Fire	23 174	566 12	0 21 20	97 0 20	998 76	00 9 00	16 7 23	...	01 0 70	12 1 35
Daressa	23 249	619 12	4 19 07	98 0 21	971 81	41 5 00	25 7 10	...	03 4 76	11 8 32
Serenia	23 188	644 12	8 25 22	98 1 52	014 80	74 6 xx	36 7 10	...	05 1 74	12 3 34
Serenia	23 180	681 18	6 24 22	97 2 52	044 80	8x 7 xx	36 1 02	...	00 8 74	12 4 34
alavljoya	23 201	629 18	8 23 14	97 0 32	988 81	06 5 27	...	...	...	...
Loire	23 188	577 18	6 20 10	97 0 20	001 72	00 9 00	16 2 03	...	00 3 68	12 8 xx
Liederkirk	23 188	579 18	0 20 24	97 0 20	987 72	00 9 00	15 2 10	...	00 3 70	12 0 34
Bay of Bengal										
Mustali	22 221	917 00	3 32 00	99 0 30	017 81	21 5 00	43 x xx	...	...	...
Mustali	22 2 2	913 06	5 14 24	99 0 21	000 80	42 6 00	53 x 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
			$HHHTTTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	...													
Chittagong	00 00	...	...	...	140 205 478	...	307 128 092	434 046 505	581 545 568	754 628 652	968 782	...	...	...
Dacca	...													
Ishurdi	...													
Karachi	00 00	995 268 252	518 xxx xxx	...	140 182 895	...	307 235 992	435 055 992	581 548 992	755 608 992	971 781	252 968	437 140	690 078
Lahore	00 00	973 332 245	530 xxx xxx	...	146 252 168	...	310 125 995	438 072 995	588 530 992	759 625 975	...	...	...	...
Multan	...													
Peshawar	00 00	958 265 221	...	...	140 258 995	...	308 148 998	438 100 990	587 012 998	762 598 995	979 782	...	...	...
Quetta	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE St.HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	...												
Chittagong	00 00	999 275 258	930 215 195	820 168 432	533 000 530	350 695 722	269 825 868	...	...	...	269 825 868	...	...
Dacca	...												
Ishurdi	...												
Karachi	00 00	900 185 475	...	...	...	...	...	...	...	...	900 185 475	...	...
Lahore	00 00	900 292 195	800 212 140	...	...	...	...	...	...	...	800 212 140	...	...
Multan	...												
Peshawar	00 00	900 270 990	800 228 995	...	...	...	...	...	...	...	800 228 995	...	...
Quetta	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 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	02 14	12 15	13 27	14 19	14 15	12 13	12 14	08 12	10 08	14 09	14 07	12 08	13 06	17 07	16 12	11 13	12 14	11 14	11 12	13 17	11 17	...	...	...	...	...
Chilkiala	...	15 05	17 07	14 06	22 05	31 07	31 09	16 02	...	...	23 07	10 01	22 05	22 07	...	...	08 09	10 13	20 03	24 11	...	...	...	...	...	...
Cherat	22 16	22 17	22 42	27 02	...	...	...	...	...	21 22	22 23	23 23	13 12	17 06	02 15	24 16	25 29	19 21	...	...	...	...	...	...	...	...
Chittagong	18 12	16 19	19 25	...	...	...	...	...	...	16 19	16 15	17 12	12 17	14 17	...	14 07	15 09	15 09	17 13	...	...	...	...	...	...	...
Cox's Bazar	16 12	16 08	14 07	12 04	...	...	...	...	...	16 21	16 18	15 12	15 06	...	...	18 09	15 13	17 09	...	...	...	...	...	...	...	...
Dacca	15 10	17 19	18 11	17 12	...	...	...	...	...	14 14	15 12	15 08	14 09	16 15	19 18	16 14	12 12	12 12	xx xx	xx xx	xx xx	15 16	43 17	15 21	14 20	19 17
Dalbandin	...	...	23 09	23 10	26 11	...	...	...	...	...	...	31 02	34 03	36 11	36 22	...	...	10 02	03 01	00 03	32 07	28 15	...	...	...	...
D.I.Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	21 07	19 11	...	...	...	...	...	...	04 02	04 08	02 04	...	...	...	...	03 01	22 03	23 03	25 05	...	...	...
Fort Sandeman	...	...	...	03 02	21 05	24 06	...	...	...	...	...	...	34 12	31 10	32 11	...	...	...	22 02	34 03	32 02	...	...	...	...	...
Jacobabad	16 07	18 08	22 07	35 05	01 07	35 06	01 09	06 12	05 12	17 12	11 03	32 01	32 05	34 04	35 05	18 04	17 04	28 03	28 02	36 03	36 08	36 22	35 10	24 02	17 14	21 11
Jessore	16 09	17 11	20 11	19 11	14 12	13 10	...	...	...	13 08	13 11	15 13	10 17	...	...	11 13	...	...	...	...	...	...	...	...	...	...
Jhelum	...	...	...	...	...	...	...	...	...	17 03	26 06	25 06	21 04	29 01	33 06	16 02	12 03	08 03	22 03	24 05	28 12	21 12	31 13	31 13	...	...
Jiwani	20 15	16 07	15 04	04 07	34 07	28 08	10 05	17 08	24 13	23 10	35 07	32 10	32 06	05 05	01 04	25 05	05 05	08 07	10 05	11 03	34 03	29 04	27 02	04 04	09 08	...
Karachi	26 15	27 16	...	...	...	...	...	...	...	...	...	...	...	...	...	28 15	29 08	...	...	...	...	...	...	...	...	...
Khanpur	20 08	20 09	20 10	20 12	18 01	36 10	36 22	01 14	02 12	20 13	20 19	20 29	23 29	...	...	21 12	20 12	20 12	17 07	16 07	04 08	02 13	02 15	03 17	08 08	19 08
Lahore	27 02	29 03	28 05	26 06	24 08	28 05	35 05	30 06	28 10	...	...	...	...	...	...	30 02	23 03	20 03	21 01	19 04	18 04	34 08	26 13	36 10	08 07	20 22
Multan	18 12	19 10	19 10	22 06	25 04	33 09	33 06	36 13	02 15	21 17	22 13	20 05	15 03	01 05	35 09	20 10	20 13	18 12	15 06	32 02	03 09	05 09	03 10	04 10	...	...
Muscat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	36 09	34 06	...	...	...	...	...	...	...	36 27	36 35	...	...	...	...	01 15	35 13	33 10	...	...	...	...	...
Peshawar	...	06 10	08 07	19 07	...	...	...	...	...	...	xx xx	35 06	23 03	24 10	28 08	...	07 05	08 05	22 01	19 04	27 12	31 15	31 07	30 09	32 21	33 27
Quetta	...	...	...	...	28 15	34 09	...	...	...	...	...	...	...	29 03	30 06	...	...	...	...	31 05	33 08	...	...	...	...	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	14 03	12 06	10 10	08 11	...	...	...	...	...	No	Ascent	...	...	...	...	18 03	18 09	11 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	14 13	14 10	15 09	16 06	16 10	14 15	12 22	12 17	11 33	12 10	06 32	09 14						
Karachi	27 19	27 21	31 17	34 15	36 16	36 15	05 10	07 12	09 32	11 17	11 08	08 10	10 32	19 32	14 35	14 41	13 53	13 57
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.

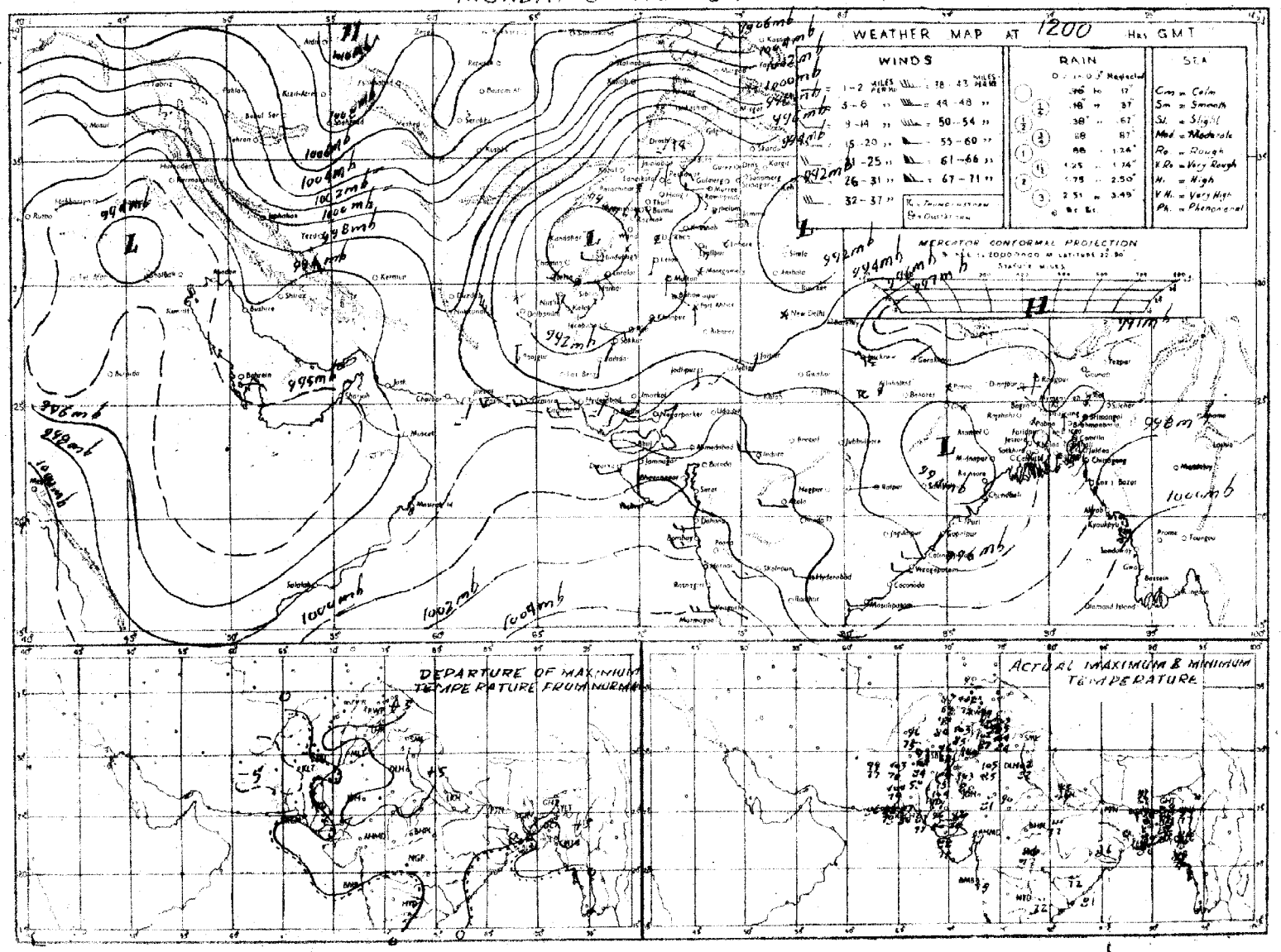
Cloud observation Data (GGiii Cdd V_rV_r etc.)

12 510 61 906   06 571 63 017

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

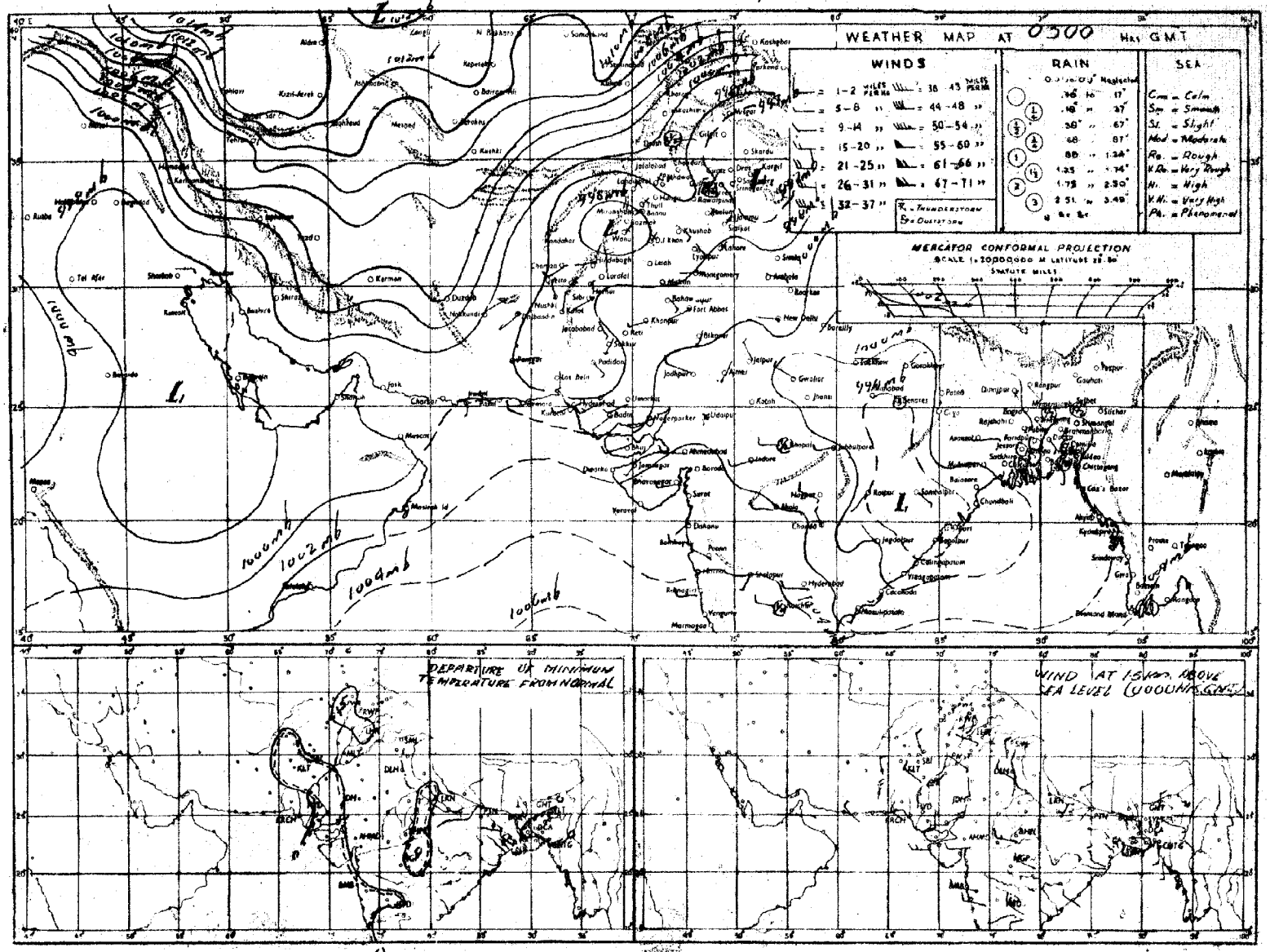
MONDAY 6th AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY, 7th AUGUST, 1962.



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. 16

WEDNESDAY, THE 8th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Observations are lacking but believe yesterday's trough concentrated into a low-pressure area and lies over west central and adjoining northwest Bay of Bengal off Orissa Circas coast. It is likely to intensify into a depression and move westwards.

Yesterday's extended low to-day lies over Vindhya Pradesh and neighbourhood.

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

The low pressure wave over D. I. Khan division now lies over Sargodha division and neighbourhood. It has caused local rain/thundershowers in Peshawar division and scattered in Rawalpindi division.

Chief amounts of rainfall are :—Sylhet 1¾"; Comilla 1"; Kakul 3/4"; Maijdee Court, Srimangal, Mymensingh, Bogra and Murree 1/2" each and Rangamati, Brahmanbaria, Khulna, Chakdara and Parachinar 1/4" each.

Day temperatures were 4—8 °F (2—4 °C) above normal in Lahore and Sargodha divisions and 3—6 °F (2—3 °C) below normal in Quetta division and adjoining part of Kalat division.

Forecast valid until the evening of 9th August, 1962:—Local rain/thundershowers will occur in Peshawar, Rawalpindi, Lahore, Khulna and Dacca divisions and in Kashmir and scattered elsewhere in East Pakistan and in Multan, D. I. Khan, Sargodha and Hyderabad divisions.

Karachi-11
The 8th August, 1962.

M. AZHAR ADIL,
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 † W1 (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † VV (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form CH (17)	Dew-point temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	7	18	02	96	61	2	081	84	4	7	4	7	x	76	91
	Cox's Bazar	005	6	7	20	13	97	02	5	003	83	4	4	5	4	8	78	86
	Chittagong	000	0	9	18	09	97	03	2	005	83		6	5	2	0	76	88
	Maijdee Court	010	9	4	18	05	97	03	1	010	85		0	7	2	0	77	88
	Comilla	000	0	8	18	05	96	02	2	980	84	[illegible]	4	5	x	x	79	93
	Brahmanbaria	001	0	0	18	02	97	03	1	993	87	4	4	5	2	0	80	90
	Sylhet	008	1	7	00	00	96	02	6	996	85	2	2	6	3	0	79	88
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	007	9	6	00	00	97	02	6	000	86	6	4	4	0	0	79	87
	Narayanganj	000	9	7	11	03	96	03	2	995	87	3	4	3	0	8	78	90
	Dacca (Tezgaon)	000	0	7	13	02	97	02	2	988	86	2	8	4	0	4	75	90
	Faridpur	000	0	6	16	05	96	02	2	986	86	3	4	6	1	0	81	86
Khulna	Barisal	000	0	4	00	00	96	02	2	004	85	4	0	9	4	0	84	89
	Khulna	000	0	5	13	03	97	01	2	993	86	5	5	7	0	0	80	90
	Satkhira	000	0	4	00	00	97	03	2	987	87	3	4	6	2	0	79	90
	Jessore	000	0	4	18	03	97	02	2	986	87	4	4	4	0	0	81	88
Rajshahi	Pabna	000	0	6	13	05	98	01	2	985	86	0	0	9	0	2	77	99
	Sirajganj	000	0	7	00	00	97	02	2	991	85	7	0	9	4	0	81	86
	Bogra	000	0	7	09	02	96	03	2	995	85	7	0	9	1	0	79	87
	Dinajpur	000	9	5	00	0	96	02	2	993	87	5	0	9	2	0	81	90
	Rangpur	000	0	4	18	02	96	01	2	000	86	2	2	6	2	0	76	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	27	03	95	05	0	950	03	0	0	9	0	0	75	05
	Sialkot	000	0	0	00	00	97	00	0	948	01	0	0	9	0	0	71	04
Rawalpindi	Jhelum	000	0	2	23	03	96	92	0	943	02	2	1	7	0	0	68	05
	Rawalpindi	000	0	0	05	02	97	05	7	960	95	0	0	9	0	0	73	96
	Campbellpur	000	0	2	13	03	97	01	2	876	02	1	1	8	1	1	70	02
Sargodha	Khushab	000	0	0	11	03	96	05	4	943	06	0	0	9	0	0	88	07
	Lyallpur	000	0	5	16	02	97	03	2	947	04	5	0	9	4	0	70	04
Multan	Montgomery	000	0	0	00	00	96	02	0	952	01	0	0	9	0	0	75	04
	Multan	000	0	0	18	02	97	02	0	939	00	0	0	5	0	0	71	01
	Leiah	000	0	0	23	02	97	00	0	952	0	0	0	9	0	0	71	03
Bahawalpur	Khanpur	000	0	4	18	03	96	03	0	940	92	1	0	9	4	4	65	04
	Bahawalpur	000	0	0	13	02	98	00	0	998	03	0	0	9	0	0	71	04
	Fort Abbas	000	0	0	23	02	98	00	0	959	06	0	0	9	0	0	74	07
Peshawar	Chakdara	000	0	0	36	02	97	00	0	931	92	0	0	9	0	0	74	53
	Peshawar	000	0	1	31	07	96	06	0	945	97	1	0	6	3	0	79	98
	Haripur	000	8	0	05	02	97	00	1	954	93	0	0	9	0	0	74	95
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	918	04	0	0	9	0	0	70	05
	D. I. Khan	000	0	0	00	00	98	00	0	939	02	0	0	9	0	0	76	04
Quetta	Sibi	000	0	0	18	01	99	00	0	930	07	0	0	9	0	0	65	08
Kalat	Nokkundi	000	0	0	02	02	98	02	1	959	01	0	0	9	0	0	28	02
	Turbat	000	0	0	27	03	96	02	0	951	15	0	0	9	0	0	59	16
	Jiwani	000	0	0	23	17	96	05	0	975	85	0	0	9	0	0	75	88
	Pasni	000	8	0	25	17	95	07	4	961	85	0	0	9	0	0	76	89
Karachi Division	Ormara	000	0	8	27	14	94	03	2	963	94	6	0	9	0	1	77	88
	Lasbela	000	0	3	36	08	97	03	0	880	96	3	0	8	3	0	82	01
	Karachi (Manora)	000	0	7	23	10	96	03	2	976	86	7	6	4	0	0	79	89
	Karachi (Airport)	000	0	6	23	10	94	03	2	979	84	6	6	5	0	0	79	88
Hyderabad	Nagarparkar	000	0	4	00	00	97	00	0	544	93	0	0	7	0	4	63	97
	Umerkot	000	0	8	23	03	98	00	0	965	95	8	5	7	0	0	73	97
	Hyderabad	000	0	0	20	10	97	02	0	968	92	0	0	9	0	0	78	96
	Badin	000	0	6	23	02	97	01	1	999	88	4	0	9	0	1	75	91
Khairpur	Padidan	000	0	0	13	05	97	02	0	953	03	0	0	9	0	0	71	04
	Nawabshah	000	0	0	12	03	96	02	0	965	01	0	0	9	0	0	72	01
	Sukkur	000	0	0	23	02	96	02	0	949	01	0	0	9	0	0	77	02
	Kashmore	000	0	0	00	00	99	00	0	930	01	0	0	9	0	0	67	98
	Jacobabad	000	0	0	18	03	96	02	0	950	03	0	0	9	0	0	63	04
Junagadh	Veraval	33x	x	5	27	09	96	02	2	003	85	1	2	5	0	1	77	xx
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kowait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *	000	0	2	27	03	97	02	0	258	53	2	2	6	0	0	34	95
	Misgar **	000	0	7	31	07	97	14	1	055	71	3	4	8	6	0	42	76
	Alibad *																	
	Gilgit *	000	0	7	23	03	98	02	1	440	89	7	5	8	0	0	69	95
Rawalpindi	Murree *	032	7	6	11	09	97	02	4	444	73	5	1	4	5	0	45	74
Peshawar	Drosh *	000	8	5	23	09	97	03	2	391	91	2	3	7	3	0	36	56
	Cherat *	000	0	0	18	05	98	00	0	375	69	0	0	9	0	0	70	91
	Kakul *	003	8	3	20	12	96	05	2	392	83	3	2	6	0	0	68	84
	Landikotal *	000	0	2	13	05	93	05	4	406	91	2	0	9	2	0	77	54
	Parachinar *	000	0	6	13	02	98	03	0	397	86	6	6	8	1	0	61	88
D. I. Khan	Miranshah *	000	0	0	07	09	99	00	0	417	98	0	0	9	0	0	73	99
	Wana *	000	0	0	00	00	98	00	0	514	93	0	0	9	0	0	79	98
Quetta	Fort Sandeman *	000	0	0	11	04	99	01	0	418	94	0	0	9	0	0	68	99
	Hindubagh *	000	0	0	25	10	96	00	0	275	92	0	0	9	0	0	57	94
	Loralai *	000	0	6	13	02	99	03	2	401	94	0	0	9	1	2	48	97
	Harnai *	000	0	0	00	00	97	00	0	390	01	0	0	9	0	0	57	03
	Quetta *	000	0	0	27	02	96	00	0	391	89	0	0	9	0	0	69	92
	Chaman *	000	0	0	23	07	98	00	0	412	95	0	0	9	0	0	38	96
	Nushki *	000	0	0	31	05	98	02	0	455	97	0	0	9	0	0	48	98
	Dalbandin *	000	8	8	16	03	94	05	4	436	01	0	0	9	0	0	30	03
Kalat	Kalat *	000	0	0	34	05	98	00	0	4 8	83	0	0	9	0	0	76	83
	Panjgur *	000	0	0	36	11	97	02	0	430	99	0	0	9	0	0	52	00
Afghanistan	Kabul *																	
	Kandhar *																	

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

Divisions (1)	Stations (2)	Rainfall in Cents RRR (20)	Past weather commenced at † We (21)	Total 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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	030	1	7	08	02	98	05	6	075	84	5	8	7	2	x	xx	79	—	—	—	—	—	—
	Cox's Bazar	005	0	6	16	09	97	03	2	061	75	4	8	5	7	0	75	xx	1	—	75.3	+ 1.8	86.1	143
	Chittagong	000	0	6	18	07	97	02	2	059	83	3	4	6	2	0	76	79	+ 3	+ 3	53.5	+ 3.9	47.0	108
	Maijdee Court	065	2	8	02	05	96	02	6	064	80	6	5	5	2	x	xx	xx	+ 2	—	—	—	—	115
	Comilla	115	3	8	00	00	97	02	6	047	80	8	4	5	0	0	77	77	+ 5	0	39.6	− 0.3	51.7	94
	Brahmanbaria	081	3	7	17	02	96	21	6	069	80	7	5	5	0	0	79	79	—	—	28.5	− 1.2	46.2	78
	Sylhet	174	4	8	00	00	96	61	9	071	77	7	7	4	2	x	75	76	—	—	59.0	—	85.1	—
	Srimangal	043	2	8	18	12	93	21	6	070	78	8	4	3	0	0	77	77		+ 1	—	—	—	98
Dacca	Mymensingh	061	3	7	00	00	95	43	6	022	78	7	5	3	1	0	71	78	— 1	0	33.7	− 5.2	37.2	91
	Narayanganj	090	3	8	13	02	97	21	5	063	84	8	7	2	x	x	80	80	+ 3	+ 1	25.1	− 3.6	47.2	74
	Dacca (Tezgaon)	002	4	8	00	00	96	51	6	059	83	4	3	4	2	x	80	90	—	—	22.8	—	37.5	—
	Faridpur	010	0	8	00	00	96	21	2	014	80	5	5	5	1	0	77	78	— 1	— 1	21.7	− 7.7	36.1	71
Khulna	Barisal	062	4	6	00	01	96	03	5	059	85	6	0	9	4	0	87	81	+ 2	+ 3	—		—	81
	Khulna	037	5	7	00	00	97	03	6	017	84	7	5	4	0	0	71	78	+ 3	9	24.0	− 6.2	31.5	68
	Satkhira	000	0	8	00	00	96	02	2	046	85	4	4	4	2	0	61	80	+ 2	+ 2	28.2	− 0.3	35.4	68
	Jessore	000	0	8	09	15	96	03	2	055	84	8	5	5	x	x	80	80	—	—	17.1	− 10.3	27.4	65
Rajshahi	Pabna	000	0	8	11	02	98	03	2	058	82	8	0	9	3	x	79	91	—	—	25.9	—	44.4	59
	Sirajganj	015	1	8	00	00	97	61	2	961	81	8	7	5	0	0	80	79	— 1	0	24.1	− 3.9	36.2	64
	Bogra	044	4	8	13	02	96	02	6	060	83	5	5	5	2	x	81	80	— 1	+ 1	27.3	− 3.8	38.9	69
	Dinajpur	000	9	4	00	00	96	02	2	050	86	4	0	9	2	0	79	79	+ 2	0	21.8	− 11.1	29.0	72
	Rangpur	000	0	6	18	02	96	03	1	063	84	6	0	9	2	0	78	81	+ 2	+ 3	32.3	− 4.7	50.5	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	3	3	18	05	95	05	0	014	88	3	0	9	7	0	81	85	+ 7	+ 6	6.4	− 1.9	12.8	19
	Sialkot	000	0	0	13	09	97	00	0	013	90	0	0	9	0	0	79	85	+ 9	+ 6	7.4	− 0.9	13.8	32
Rawalpindi	Jhelum	000	4	6	13	09	96	03	1	010	90	3	5	6	1	0	79	85	—	—	8.5	—	14.6	
	Rawalpindi	000	0	7	09	03	96	03	4	007	87	7	3	6	0	0	75	80	+ 1	+ 4	5.6	− 7.2	17.2	36
	Campbellpur	000	0	6	13	02	97	00	0	981	86	6	9	4	5	5	xx	81	—	—	5.4	—	5.7	—
Sargodha	Khushab	000	0	0	00	00	96	05	0	998	92	0	0	9	0	0	83	88	+ 7	+ 6	1.1	− 5.3	6.1	15
	Lyallpur	000	0	0	16	02	96	00	0	998	91	0	0	9	0	0	75	87	+ 5	+ 6	3.1	− 1.9	6.9	13
Multan	Montgomery	000	0	0	00	00	96	02	0	997	90	0	0	9	0	0	72	85	+ 3	+ 3	5.6	+ 1.1	8.1	10
	Multan	000	0	0	18	03	97	02	0	091	90	0	0	9	0	0	74	86	+ 2	+ 2	0.3	− 2.9	2.0	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						8
Bahawalpur	Khanpur	000	0	0	23	07	95	05	0	000	88	0	0	9	0	0	75	84	+ 1	+ 2	3.3	− 0.1	4.3	6
	Bahawalpur	000	0	0	18	01	98	00	0	016	90	0	0	9	0	0	75	90	+ 3	+ 5	2.4	− 0.9	3.1	6
	Fort Abbas	000	0	0	25	02	98	00	0	003	93	0	0	9	0	0	73	87	—	—	0.1	—	0.4	8
Peshawar	Chakdara	033	3	5	36	02	96	03	9	010	75	5	3	7	0	0	71	74	—	—	3.7	—	13.0	—
	Peshawar	000	0	0	00	00	96	06	0	007	85	2	1	6	3	0	79	75	— 1	+ 6	0.2	− 2.2	6.8	11
	Haripur	017	5	8	31	05	95	05	6	034	75	8	7	6	0	0	73	74	—	—	12.5	—	19.1	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	975	92	0	0	9	0	0	72	87	—	—	0.4	—	3.6	11
	D. I. Khan	000	0	0	00	00	98	00	0	xxx	xx	0	0	9	0	0	76	84	+ 3	+ 2	0.6	− 2.9	3.5	9
Quetta	Sibi	000	0	1	18	02	98	00	0	997	90	0	0	9	0	0	73	89	—	—	2.6	—	3.7	9
Kalat	Nokkundi	000	0	0	36	02	98	02	0	017	84	0	0	9	0	0	31	79	—	—	0	—	0.1	2
	Turbat	000	0	0	27	01	96	06	0	002	86	0	0	9	0	0	77	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	4	18	03	96	05	0	001	84	4	0	4	0	0	78	78	—	—	1.2	—	1.9	5
	Pasni	000	3	8	05	02	96	03	2	019	83	8	4	7	0	0	77	77	0	0	0	− 0.8	0.2	6
Karachi Division	Ormara	000	0	8	25	03	94	03	2	005	83	6	1	6	0	0	76	80	—		1.0	+ 0.3	2.0	6
	Lasbela	000	0	3	09	01	97	03	0	955	84	3	0	8	0	0	83	82	—	—	0	—	0	8
	Karachi (Manora)	000	0	8	23	07	96	02	2	012	91	3	6	4	0	0	72	79	+ 4	0	3.0	− 1.5	3.0	8
	Karachi (Airport)	003	0	7	23	02	96	03	2	013	81	7	6	5	0	0	77	79	—	—	3.2	—	3.2	—
Hyderabad	Nagarparkar	000	0	6	31	01	97	00	0	002	83	0	0	7	6	0	73	82	—	—	4.0	—	4.0	—
	Umerkot	000	0	8	20	01	96	02	0	014	81	8	5	7	0	2	75	79	—	—	3.3	—	3.4	—
	Hyderabad	000	0	7	20	05	97	03	2	012	83	5	0	9	3	1	73	80	0	+ 1	2.4	− 1.6	3.2	7
	Badin	000	0	0	00	00	97	00	0	049	81	0	0	9	0	0	75	78	— 1	— 2	2.3	− 2.0	2.9	8
Khairpur	Padidan	000	0	1	13	09	97	03	0	006	83	0	0	9	0	1	73	80	—	—	2.0	—	2.4	—
	Nawabshah	000	0	0	18	03	96	02	0	013	83	0	0	9	0	0	75	79	—	—	1.4	—	2.8	
	Sukkur	000	0	0	20	03	97	02	0	997	85	0	0	9	0	0	73	82	—	—	0.9	—	0.9	4
	Kashmore	000	0	0	00	00	99	00	0	947	82	0	0	9	0	0	64	77	—	—	0.5	—	0.5	—
	Jacobabad	000	0	2	18	03	96	03	0	005	87	0	0	9	0	0	82	84	0	+ 1	0.1	− 1.5	1.0	4
Junagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kowait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							24
	Leh **																							5
	Skardu *																		—					6
	Misgar **	000	0	5	27	02	98	01	2	129	64	0	0	9	5	0	47	57	—	—				—
	Alibad *																							—
	Gilgit *	000	0	0	00	00	99	00	0	470	85	0	0	9	0	0	74	72	—	—				1
Rawalpindi	Murree *	.47	2	8	13	05	96	03	6	467	66	8	5	2	x	x	61	60	+ 2	+ 3	16.5	− 3.7	34.8	58
Peshawar	Drosh *	000	3	1	00	00	97	05	4	459	78	1	1	6	0	0	44	74	0	+ 1	4.2	—	16.2	58
	Cherat *	000	0	7	13	05	98	03	0	403	75	0	0	9	0	0	72	71	—	—	7.6	+ 1.5	31.8	29
	Kakul *	174	5	8	16	07	96	29	9	463	72	8	9	6	x	x	67	68	—	—	15.6	—	31.1	—
	Landikotal *	000	0	2	0	02	93	05	4	446	83	2	0	9	3	0	75	78	—	—	0.5	—	12.2	—
	Parachinar *	000	0	6	05	00	98	03	2	455	73	0	0	9	0	0	41	48	+ 3	+ 3	5.4	—	18.9	29
D. I. Khan	Miranshah *	000	0	2	03	00	98	01	1	437	87	2	4	8	0	0	68	82	—	—	0.3	− 3.9	2.1	13
	Wana *	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	462	82	0	0	9	0	0	64	86	+ 4	+ 2	4.3	+ 1.0	9.1	11
	Hindubagh *	000	0	0	25	03	97	00	0	426	76	0	0	9	0	0	49	66	—	—	0.8	—	4.6	—
	Loralai *	000	0	3	29	03	99	01	1	429	79	0	0	9	1	1	44	66	—	—	1.1	—	5.2	9
	Harnai *	000	0	0	00	00	97	00	0	429	86	0	0	9	0	0	67	81	—	—	3.2	− 1.5	6.3	14
	Quetta *	000	0	0	00	00	96	00	0	452	76	0	0	9	0	0	55	58	—	—	0	− 0.8	4.2	9
	Chaman *	000	0	0	09	05	98	00	0	464	86	0	0	9	0	0	36	70	— 4	— 5	0	− 0.1	1.3	8
	Nushki *	000	0	0	00	00	98	02	0	463	80	0	0	9	0	0	51	75	—	—	0		3.8	—
	Dalbandin *	000	0	0	00	00	95	05	0	448	79	0	0	9		0	42	72	— 5	— 1	0	− 0.2	7.1	4
Kalat	Kalat *	000	0	0	31	02	98	00	0	475	73	0	0	9	0	0	63	55	— 7	— 4	0.1	− 0.8	2.1	7
	Panjgur *	000	0	0	00	00	97	02	0	454	82	0	0	9	0	0	47	78	— 2	+ 3	0.3	—	1.3	8
Afghanistan	Kabul *																							
	Kandhar *																							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 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 8th AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sC h_sh_s$	$OT_sT_sT_dT_d$	$I_dw d_w P_w H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
State of Bombay	33 081	570 00	3 24 13	98 0 20	083 81	51 5 00	54 4 15	...	00 1 72	12 4 35
Safina-e-arab	33 219	680 00	8 23 13	97 0 22	992 81	9x x xx	73 2 05	...	00 0 77	11 8 xx
Daressa	33 248	653 00	7 19 09	97 0 21	975 81	47 4 1x		—		...
Circassia	33 200	604 00	8 24 30	97 0 22	998 77	88 7 xx		—		
Mehdi	33 187	706 06	7 24 11	99 0 36	19x 78	33 x xx		—		
Serenia	33 163	705 06	7 24 18	97 0 22	061 82	77 4 xx	36 2 30	—	00 0 76	12 4 24
Limbury	33 239	588 06	8 07 04	98 0 22	993 88	00 9 07	76 1 13	—	00 3 76	10 7 20
Dondo	33 193	584 06	5 30 20	96 1 01	005 76	31 7 40	54 2 20	—	00 0 73	12 0 x6
Esso Nederland	33 221	599 06	8 16 05	95 2 81	009 73	86 3 xx	55 2 09	—	00 1 52	11 6 21
Liederkerk	33 214	595 06	9 00 00	91 4 54	005 73	9x 0 xx	14 4 00	—	05 1 20	10 0 x0
Loire	33 215	595 06	7 20 08	96 0 10	025 73	75 5 xx	16 2 11	—	00 2 70	12 0 xx
Leiderkerk	33 228	596 12	9 16 13	97 0 54	981 77	9x 0 xx	x5 7 07	—	05 1 75	11 6 20
Circassia	33 229	630 12	8 24 19	97 0 21	005 82	88 6 xx		...		
Loire	33 233	593 12	6 16 03	98 0 22	002 82	00 9 00	76 7 19	...	05 1 77	11 0 xx
Ususblatch	33 242	465 12	7 32 12	97 0 23	024 80	03 5 03	53 6 07	...	05 3 77	12 2 27
Caltex the Hague	33 168	589 12	7 23 22	97 0 22	996 79	78 3 xx	—	...	05 1 73	12 3 33
Safina-e-arab	33 190	696 12	8 23 07	97 0 22	002 87	56 x xx		...		
Dondo	33 179	571 18	0 30 20	97 0 20	017 70	00 9 00	54 2 15	...	00 4 78	12 0 xx
Islami	33 179	667 18	9 27 24	98 0 32	036 79	85 0 00	62 1 20	...	05 3 77	17 7 82
Kanaipenensula	33 177	679 18	5 28 22	97 0 08	036 79	87 3 xx	75 0 01	...	05 2 76	12 6 55
Serenia	33 193	734 18	8 24 18	97 6 12	067 80	5x 3 xx	56 1 20	...	05 1 75	14 4 24
Caltex the Haque	33 203	594 18	7 23 09	97 0 22	001 77	78 8 xx	...	...	05 0 73	12 3 21
Esmeralda	33 250	578 18	0 00 00	97 0 00	998 86	00 9 00	76 4 12	...	05 4 82	10 0 x0
Neptunra	33 108	615 18	0 20 15	97 0 03	088 79	00 9 00	36 2 08	...	05 1 77	11 7 x6
Esso Nederland	33 196	584 18	2 15 12	96 1 01	001 73	9 xx xx	55 1 05	...	00 1 70	11 5 22
Loire	33 246	584 18	0 00 00	97 0 20	017 88	00 9 00	76 2 10	...	00 2 82	10 0 xx
Circassia	33 229	645 18	8 24 19	97 0 21	016 79	78 6 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	029 275 255	—	—	140 222 175	...	311 138 092	439 088 032	588 022 512	766 552 595	987 678	...		..
Jiwani														
Karachi	00 00	996 262 232	513 xxx xxx	...	140 268 992	...	309 155 995	437 042 992	583 534 998	756 638 995	970 750	251 972	437 070	—
Lahore	00 00	975 335 262	510 xxx xxx	—	140 242 178	—	311 135 125	439 068 052	586 002 995	—	—	..		—
Multan														
Peshawar	00 00	958 292 248	..	—	140 232 205	...	306 122 118	433 035 542	578 580 990	748 680 990	958 775	242 862	—	—
Quetta		—												

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	002 278 258	909 245 215	800 182 138	464 112 545	350 605 648	250 335 775	—	—	...	250 335 775	...	—
Jiwani													
Karachi	00 00	900 280 xxx	800 240 xxx	350 670 xxx	250 860 xxx	132 120 xxx	010 100 xxx	—	—	...	010 100 xxx	...	—
Lahore	00 00	900 268 202	800 218 160	...	...	—	—	..	...	—	800 210 160	...	—
Multan													
Peshawar	00 00	900 252 228	800 188 175	...	—	...	...	—	—	—	800 188 175	...	..
Quetta		...											

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

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

UPPER WIND DATA*

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

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	09 07	15 15	15 19	16 19	13 21	11 16	09 20	07 19	05 20
Chaklala	...	13 04	09 04	29 05	34 05	31 06	31 09	...	—
Chhor	21 08	19 09	11 07	07 10	04 12	04 18	06 09	11 06	09 06
Chittagong	18 14	18 16	18 13	...	...	...	...	...	...
Cox's Bazar	17 19	17 15	16 10	...	—	...	—	...	—
Dacca	14 09	16 12	16 14	14 19	12 20	10 21	12 17	12 15	12 11
Dalbandin	...	—	11 06	11 05	09 04	18 04	32 11	30 09	23 07
D.I. Khan	—	—	—	...	—	—	...	—	...
Drosh	...		...	...	20 11	24 09	28 17	...	...
Fort Sandeman	...	...	...	27 02	29 04	21 03			—
Jacobabad	18 09	18 05	18 04	03 13	06 17	01 10	34 05	15 05	15 06
Jessore	13 12	14 13	15 15	14 12		—	...	...	—
Jhelum	25 04	22 04	20 06	23 04	27 04	31 06	33 15	32 17	28 14
Jiwani	22 07	34 01	36 04	01 07	...	—	..	...	...
Karachi	23 09	24 08	—	...	—	—	—	—	...
Khanpur	19 10	19 12	19 13	18 10	15 09	04 09	13 12	...	—
Lahore	29 03	26 04	25 03	24 05	31 04	34 09	04 05	07 04	09 06
Multan	18 07	18 07	18 07	35 03	01 09	01 09	01 06	27 10	22 07
Muscat	—	—	...	—	—	...	...	—	...
Panjgur	—	—	—	01 09	36 08	30 12	24 05	32 02	07 04
Peshawar	...	04 10	07 11	14 08	20 19	27 12	32 07	—	—
Quetta	—	—	—	—	21 06	32 09	30 13	...	—
Sharjah	...	—	—	—	—	...	—	...	—
Sylhet	11 01	16 03	20 14	10 06	08 08	03 20	...	...	...
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 07	...	...	...	...	...
Chaklala	—	10 15	14 16	18 06	24 14	...
Chhor	25 13	23 14	10 13	15 14	10 10	06 13
Chittagong	15 08	16 09	17 15	20 15	—	...
Cox's Bazar	16 15	17 15	17 13	...	—	—
Dacca	No	Ascent	—	...	—	...
Dalbandin	—	...	33 01	02 08	08 10	19 06
D.I. Khan	...	—	...	...	...	...
Drosh	...	...	—	22 03	21 05	20 08
Fort Sandeman	...	...	...	03 06	35 06	35 15
Jacobabad	17 17	16 04	08 01	03 06	35 07	10 06
Jessore	16 13	16 15	17 13	16 11	...	...
Jhelum	11 16	24 12	21 06	23 06	34 08	35 11
Jiwani	...	...	...	...	...	...
Karachi	...	...	...	...	...	—
Khanpur	22 13	22 19	22 19	25 27	28 23	36 19
Lahore	12 10	16 10	17 10	21 04	23 03	24 02
Multan	20 19	20 21	22 25	—	...	—
Muscat	...	—	...	...	—	—
Panjgur	—	...	...	34 24	35 22	03 13
Peshawar	...	08 03	09 03	11 06	—	—
Quetta	...	...	...	..	30 02	31 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 13	12 10	14 06	...	...	...	...	...	...	...	...
Chaklala	...	...	—	—	—	—	—	—	...	—	...
Chhor	21 06	20 11	18 12	17 13	12 10	11 14	08 17	09 14	09 14	—	...
Chittagong	19 09	19 07	18 11	...	...	—	—	—	...	...	...
Cox's Bazar	16 15	15 11	13 11		...	...	...	—	...	...	...
Dacca	13 05	15 05	17 04	20 95	...	...	—	—	—	—	...
Dalbandin	...	—	06 06	05 04	09 09	21 85	17 08	16 12	14 16	19 01	13 04
D.I. Khan	...	...	—	—	...	...	...	...	...	...	...
Drosh	...	..	—	—	23 03	22 06	26 12	27 19	30 27	30 32	...
Fort Sandeman	...	...		01 85	35 03	04 08	...	...	—	...	...
Jacobabad	20 06	20 07	17 07	16 07	05 09	03 11	09 16	12 13	15 09	08 07	10 09
Jessore	14 05	14 12		...	...	..	...	—	—	...	...
Jhelum	13 08	12 09	12 05	28 04		...	...	...	...	—	...
Jiwani	04 01	06 06	03 07	30 09	04 07	...	...	—	—	—	...
Karachi	22 06	22 08	...	...	...	...	...	—	—	—	...
Khanpur	22 15	22 17	22 20	18 16	18 08	xx xx	10 10	09 21	08 27	—	...
Lahore	11 10	19 08	14 08	08 03	06 02	04 01	36 09	02 16	04 08	25 07	—
Multan	20 16	21 17	20 16	17 14	17 15	17 23	...	—	—	...	...
Muscat	—	—	...	...	—	...	.	...	—	...	...
Panjgur	—	—	—	01 12	01 14	—	—	—	—	...	...
Peshawar	—	05 09	07 08	06 05	28 07	26 09	...	...	...	...	...
Quetta	—	...	...	—	29 07	32 06	14 10	14 17	13 18	18 26	27 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

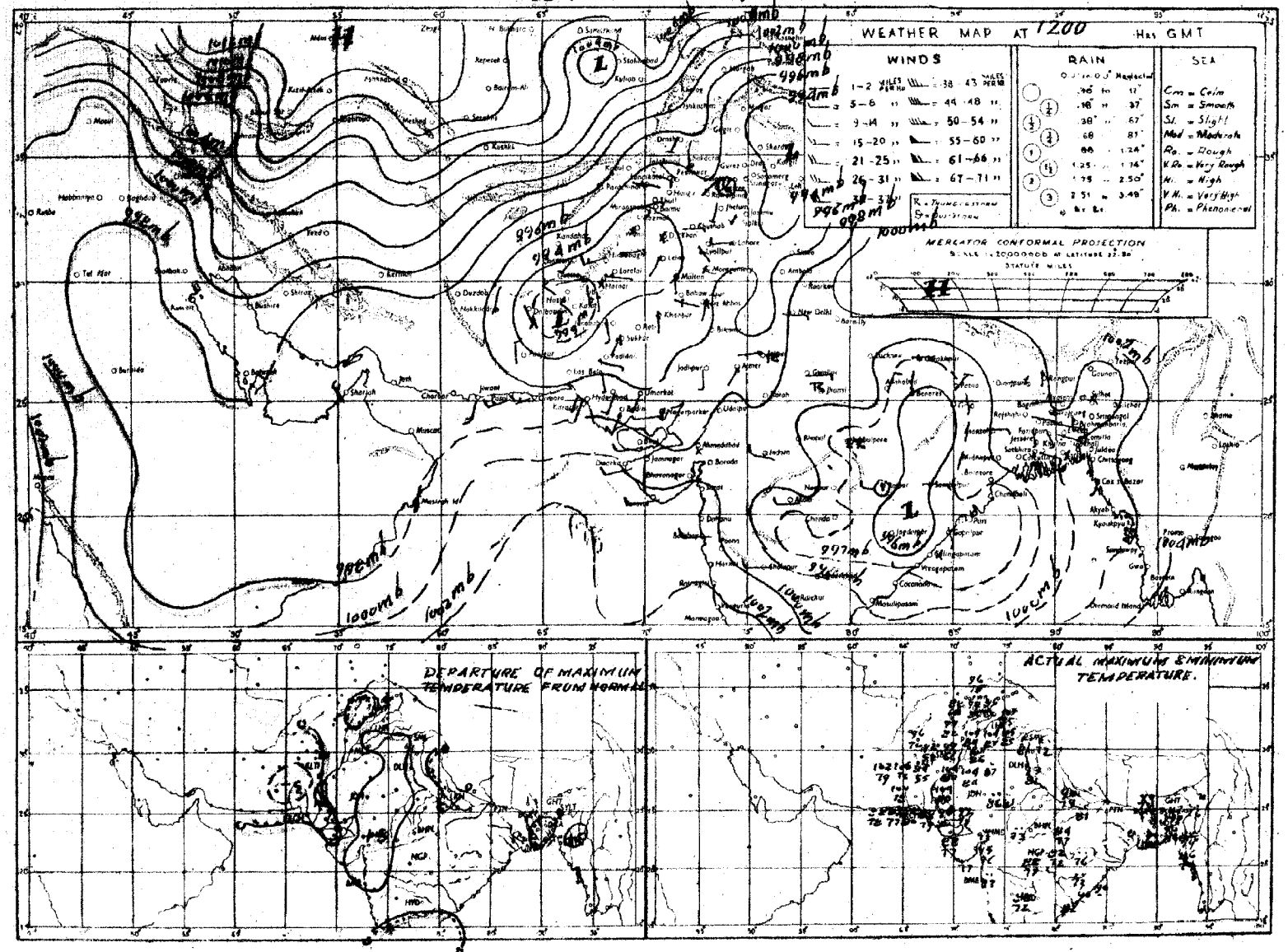
Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	17 12	18 13	18 14	18 09	17 10	15 14	15 12	09 12	18 10	11 12	12 15	11 17					—	—
Karachi	25 11	27 08	31 06	02 08	02 15	04 21	07 29	09 19	11 13	09 17	10 10	19 28	10 30	10 28	10 37	10 21	—	—
Peshawar	...	08 09	08 09	14 07	26 18	23 07	36 15	27 05	01 06	23 05	27 16	25 19	...	...	—	—	...	—
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

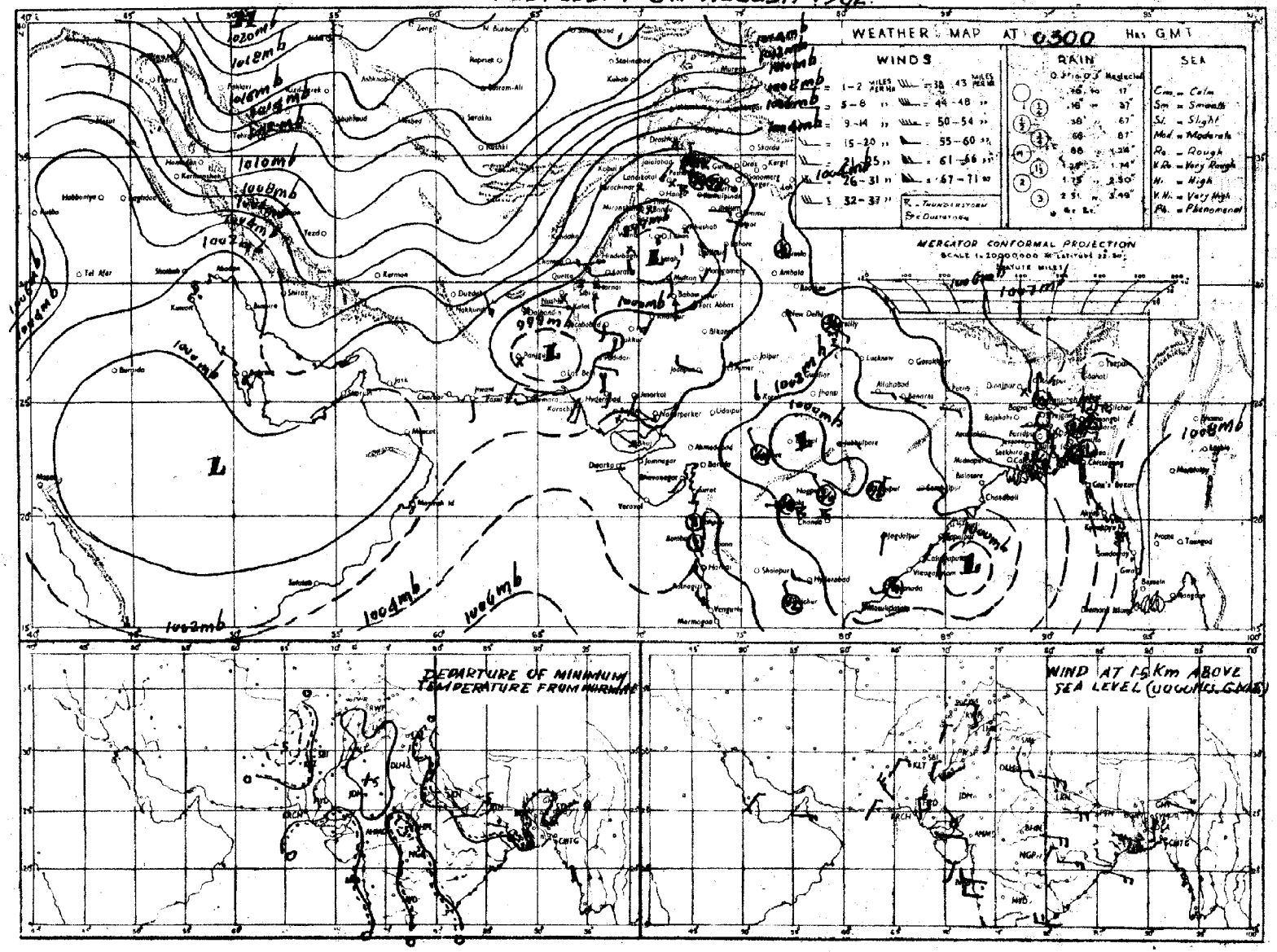
TUESDAY 7th AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 8th AUGUST, 1962.



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. 16

THURSDAY THE 9th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Observations are lacking but believe yesterday's low pressure area off Orissa Circas coast has weakened and moved inland. Under its influence rainfall has been local in Chittagong, Khulna and Rajshahi divisions and scattered in Dacca division.

The extended low pressure area today lies over Madhya Bharat and neighbourhood.

Yesterday's low pressure wave over Sargodha division has moved away northeastwards and another today lies over Peshawar division. Under their combined influence rain/thundershowers have been fairly widespread with heavy at a few places in Rawalpindi division and local in Lahore and Peshawar divisions. A few duststorms have also been reported from Sargodha and D. I. Khan divisions.

A low pressure area has developed over Kutch and adjoining areas. It is likely to become well marked and move westwards.

Isolated drizzle has been reported from Hyderabad division.

Chief amounts of rainfall are :—Rawalpindi 4"; Sialkot 1"; Rangamati 3/4"; Chittagong, Maijdee Court, Comilla, Barisal, Jhelum, Murree, Chakdara, Haripur (upto 08,1200 G.M.T.) and Parachinar (upto 08,1200 G.M.T.) 1/2" each and Dacca and Sirajganj 1/4" each.

Day temperatures were 4—7 °F (2—4 °C) above normal in West Pakistan outside Quetta, Kalat and Bahawalpur divisions.

Forecast valid until the evening of 10th August, 1962 :—Fairly widespread rain/thundershowers will occur in Chittagong, Dacca, Khulna and Rawalpindi divisions and in Kashmir; local in Rajshahi, Sargodha, Lahore and Hyderabad divisions and scattered in Peshawar, Multan, Bahawalpur and Karachi divisions.

Karachi-11
The 9th August, 1962.

M. AZHAR ADIL
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	Rangamati	072	4	7	18	05	95	95	9	060	78	5	7	3	2	0	78	90
	Cox's Bazar	000	0	7	23	09	97	02	2	042	82	5	4	5	0	8	78	89
	Chittagong	042	7	8	18	04	96	03	6	042	82	5	5	6	2	x	76	86
	Maijdee Court	010	9	7	13	05	96	03	6	037	85	4	2	5	2	x	78	88
	Comilla	006	1	8	00	00	96	02	6	021	80	8	4	4	x	x	79	89
	Brahmanbaria	000	8	7	00	00	97	03	1	041	84	3	4	5	2	0	78	90
	Sylhet	008	0	7	09	02	96	00	6	041	88	3	2	6	3	0	77	81
	Srimangal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Dacca	Mymensingh	000	0	6	00	00	97	02	1	047	83	6	4	4	0	0	79	84
	Narayanganj	000	9	8	16	02	96	03	2	036	85	6	4	3	3	8	77	89
	Dacca (Tejgaon)	000	9	7	00	00	97	02	6	030	85	4	4	5	2	1	78	87
	Faridpur	004	8	8	16	03	96	02	6	029	88	6	4	4	1	0	79	87
Khulna	Barisal	038	4	5	13	02	96	03	6	034	85	5	6	6	0	0	79	89
	Khulna	000	0	3	00	00	97	01	2	034	83	3	5	7	0	0	80	89
	Satkhira	012	4	5	00	00	97	03	6	029	85	3	4	6	2	0	79	90
	Jessore	000	0	5	08	03	97	03	1	026	86	5	4	9	0	0	81	90
Rajshahi	Pabna	000	0	9	13	05	98	01	2	027	85	3	3	7	5	2	79	93
	Sirajganj	030	8	8	00	00	97	02	5	031	85	4	6	8	0	0	87	86
	Bogra	000	0	8	00	00	96	02	2	035	84	3	5	9	2	x	79	85
	Dinajpur	000	9	6	00	0	96	02	2	013	87	6	0	9	2	0	83	91
	Rangpur	000	0	5	13	02	96	01	0	036	87	5	0	9	2	0	74	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	27	02	95	55	0	984	01	0	0	9	0	0	78	02
	Sialkot	085	0	8	00	05	97	21	1	998	83	8	5	6	x	x	77	00
Rawalpindi	Jhelum	000	3	7	05	05	97	03	9	995	90	3	9	6	1	1	77	97
	Rawalpindi	395	7	4	09	02	98	01	9	002	85	1	2	7	4	3	77	00
	Campbellpur	000	0	2	13	03	97	01	2	876	82	1	1	8	1	1	70	02
Sargodha	Khushab	000	1	0	07	08	94	31	3	983	95	0	0	9	0	0	77	05
	Lyallpur	000	0	5	00	00	98	03	2	990	94	5	0	9	4	0	71	04
Multan	Montgomery	000	0	0	00	00	96	02	0	974	03	0	0	9	0	0	78	07
	Multan	000	0	0	18	02	97	01	0	967	05	0	0	9	0	0	66	06
	Leiah	000	0	0	18	03	97	00	0	950	0	0	0	9	0	0	71	09
Bahawalpur	Khanpur	000	0	0	18	07	95	05	0	960	91	0	0	9	0	0	71	04
	Bahawalpur	000	0	0	23	02	98	00	0	980	03	0	0	9	0	0	71	03
	Fort Abbas	000	0	0	36	02	58	00	0	959	08	0	0	9	0	0	75	10
Peshawar	Chakdara	060	0	0	36	02	97	00	8	951	93	0	0	9	0	0	75	94
	Peshawar	000	6	4	36	02	96	06	2	978	93	5	9	6	0	1	82	97
	Haripur	050	7	2	33	01	96	01	6	987	91	3	1	6	0	0	77	92
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	945	04	0	0	9	0	0	75	06
	D. I. Khan	000	0	0	30	00	98	00	0	071	05	0	0	9	0	0	74	06
Quetta	Sibi	000	0	0	13	03	99	90	0	992	08	0	0	9	0	0	66	09
Kalat	Nokkundi	000	0	0	34	09	97	02	0	977	00	0	0	9	0	0	35	02
	Turbat	000	0	0	07	03	99	02	0	951	14	0	0	9	0	0	52	17
	Jiwani	000	0	0	33	14	96	05	0	980	07	0	0	9	0	0	77	90
	Pasni	000	0	6	23	12	96	02	1	000	07	0	0	9	4	3	77	90
Karachi Division	Ormara	000	0	2	18	07	94	03	1	981	88	2	1	6	0	1	77	93
	Lasbela	000	0	4	00	00	98	04	0	870	07	4	0	9	4	0	65	05
	Karachi (Manora)	000	0	2	27	10	96	01	1	976	86	0	0	8	4	0	78	08
	Karachi (Airport)	000	0	2	35	05	96	01	1	996	89	2	0	8	3	0	76	9x
Hyderabad	Nagarparkar	000	0	3	31	02	97	00	0	968	90	0	3	7	0	0	76	01
	Umarkot	000	0	8	30	02	98	02	0	983	99	0	5	7	0	0	71	02
	Hyderabad	000	0	1	33	05	97	03	0	986	98	3	0	9	3	0	70	09
	Badin	000	0	0	23	02	97	00	0	993	99	0	0	9	0	0	71	03
Khairpur	Padidan	000	0	0	18	05	97	03	0	979	01	0	0	9	0	0	73	02
	Nawabshah	000	0	0	18	03	96	02	0	991	01	0	0	9	0	1	72	01
	Sukkur	000	0	5	20	02	96	03	1	970	02	0	0	9	0	9	75	03
	Kashmore	000	0	0	00	00	59	90	0	954	02	0	0	9	0	0	66	08
	Jacobabad	000	0	0	18	03	96	01	0	973	03	0	0	9	0	0	97	04
Junagadh	Veraval	xxx	x	7	25	08	97	02	2	006	84	0	2	9	3	1	79	xx
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	6	23	03	97	02	2	410	86	3	3	6	2	1	64	xx
	Gulmarg **																	
	Sonamarg **	xxx																
	Dras **																	
	Leh **	xxx	x	2	23	06	98	03	0	017	77	2	8		0	0	37	82
	Skardu *	000	1	6	27	03	96	95	9	380	88	4	9	5	0	0	46	96
	Misgar **	000	0	6	05	03	98	03	2	067	79	2	1	8	4	0	36	84
	Astore *																	
	Gilgit *	000	0	2	00	00	99	01	1	399	89	5	5	8	0	0	67	93
Rawalpindi	Murree *	039	8	6	11	09	96	02	6	449	72	4	1	4	5	0	63	72
Peshawar	Drosh *	0F0	0	3	33	01	97	05	4	410	95	8	1	7	8	8	36	89
	Cherat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kakul *	C84	1	3	28	02	96	05	6	440	83	3	1	7	0	0	71	85
	Landikotal *	0C0	0	3	13	05	93	05	4	426	90	3	0	9	0	0	79	54
	Parachinar *	052	2	8	31	02	97	20	6	442	68	8	7	7	8	0	59	90
D. I. Khan	Miranshah *	000	0	8	05	03	98	03	2	445	99	8	4	8	0	0	73	00
	Wana *	0L8	0	5	00	00	99	01	1	513	90	8	0	0	5	0	xx	98
Quetta	Fort Sandeman *	CC0	0	2	11	02	99	01	0	437	94	3	0	8	3	0	73	01
	Hindubagh *	000	0	0	13	02	97	00	0	388	94	0	0	9	0	0	72	96
	Loralai *	000	0	4	18	03	99	01	1	426	94	0	0	9	1	2	56	19
	Harnai *	0C0	0	0	16	05	97	80	0	406	99	0	0	9	0	0	66	01
	Quetta *	0C0	0	0	08	05	97	02	0	404	90	0	0	9	0	0	69	93
	Chaman *	000	0	0	09	05	98	00	0	433	97	0	0	9	0	0	43	98
	Nushki *	000	0	0	27	05	98	02	0	448	90	0	0	9	0	0	53	01
	Dalbandin *	0F0	0	0	31	08	96	02	0	449	03	0	0	9	0	0	32	05
Kalat	Kalat *	000	0	0	34	03	98	00	0	419	88	0	0	9	0	0	83	91
	Panjgur *	000	0	0	36	10	95	07	0	443	99	0	0	9	0	0	54	01
Afghanistan	Kabul *																	
	Kandhar *																	

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	Rangamati	072	0	5	18	02	98	85	1	086	76	2	5	7	3	1	79	78
	Cox's Bazar	000	7	5	20	05	97	02	9	xxx	xx	4	4	5	3	8	76	78
	Chittagong	042	0	5	13	07	97	02	2	074	83	3	4	6	2	0	74	78
	Maijdee Court	060	6	8	00	00	95	53	6	077	78	6	5	5	2	0	77	77
	Comilla	038	5	8	00	00	97	98	2	xxx	82	8	4	4	x	x	79	70
	Brahmanbaria	001	8	6	18	02	97	03	1	077	83	6	4	5	0	0	79	79
	Sylhet	009	0	7	08	00	96	02	3	077	83	4	8	6	7	0	77	77
	Srimangal	C05	0	7	16	07	xx	xx	x	xxx	89	7	5	3	0	0	79	77
Dacca	Mymensingh	000	8	6	00	00	97	02	1	004	88	6	2	5	0	0	78	81
	Narayanganj	055	0	7	09	03	97	03	6	073	87	7	4	2	0	0	79	80
	Dacca (Tejgaon)	020	0	7	00	00	97	02	4	065	83	1	8	4	1	1	xx	83
	Faridpur	004	0	7	01	02	97	02	3	054	84	4	5	6	1	0	78	79
Khulna	Barisal	040	4	8	13	02	97	02	2	071	87	6	7	6	4	0	80	80
	Khulna	000	0	5	18	03	97	01	2	078	85	5	4	6	0	0	79	80
	Satkhira	012	9	4	00	00	97	02	6	069	89	2	2	6	2	0	76	78
	Jessore	000	0	6	78	03	97	03	2	058	85	4	5	6	6	0	78	79
Rajshahi	Pabna	000	0	0	13	05	98	01	2	067	86	3	7	6	5	1	79	81
	Sirajganj	030	0	7	00	00	97	02	2	071	83	7		9	4	0	79	77
	Bogra	000	0	6	18	02	96	20	5	074	82		4			0	78	80
	Dinajpur	010	9	6	00	00	96	61	2	070	88	6	2	7	x	x	81	77
	Rangpur	000	0	4	13	02	96	01	2	081	94	4	0	9	2	0	78	79
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	6	13	03	95	05	2	032	85	8	5	7	3	2	79	84
	Sialkot	100	2	8	05	03	97	02	6	049	76	3	5	6	x	x	76	76
Rawalpindi	Jhelum	055	2	8	05	09	95	95	9	054	75	6	3	5	2	x	73	75
	Rawalpindi	395	0	7	09	03	96	03	9	937	81	7	3	6	0	0	75	73
	Campbellpur	000	0	7	13	03	97	02	0	955	87	2	2	8	1	x	75	85
Sargodha	Khushab	000	0	0	09	14	96	05	0	021	89	0	0	9	0	0	84	87
	Lyallpur	009	0	0	16	02	96	00	0	006	93	0	0	9	0	0	77	89
Multan	Montgomery	000	0	5	13	03	96	02	2	013	89	5	0	9	4	0	79	84
	Multan	000	0	0	00	00	97	02	0	998	93	0	0	9	0	0	74	89
	Leiah	000	0	0	18	03	97	00	1	978	95	0	0	9	0	0	75	84
Bahawalpur	Khanpur	000	0	0	27	03	95	05	0	997	92	3	0	9	0	0	73	85
	Bahawalpur	000	0	0	00	00	98	00	0	003	94	0	0	9	0	0	83	92
	Fort Abbas	000	0	0	18	02	98	00	0	009	94	0	0	9	0	0	78	89
Peshawar	Chakdara	053	3	0	36	05	97	00	6	022	75	0	0	9	0	0	71	71
	Peshawar	000	0	4	36	05	96	04	1	019	85	3	5	6	3	0	79	82
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Bannu	000	0	0	00	03	99	08	0	063	91	0	0	9	0	0	71	85
	D. I. Khan	000	0	0	00	00	98	00	0	006	89	0	0	9	0	0	81	84
Quetta	Sibi	000	0	0	43	02	98	00	0	004	94	0	0	9	0	0	70	89
Kalat	Nokkundi	000	0	0	36	13	96	02	3	018	86	0	0	9	0	0	32	70
	Turbat	000	0	0	27	02	96	06	0	018	86	6	0	9	0	0	79	xx
	Jiwani	000	0	3	09	00	96	05	0	024	87	3	6	4	0	0	75	78
	Pasni	007	3	8	00	00	97	03	4	021	74	8	4	7	0	0	78	78
Karachi Division	Ormara	000	0	8	27	04	54	03	2	015	82	6	1	6	0	0	78	79
	Lasbela	000	0	4	18	02	97	04	0	955	84	4	0	8	4	0	78	80
	Karachi (Manora)	000	0	7	29	09	96	02	2	011	83	0	0	9	3	0	73	80
	Karachi (Airport)	003	0	7	29	03	96	03	1	019	82	7	0	9	3	0	78	80
Hyderabad	Nagarparkar	000	0	7	31	01	97	00	0	003	85	0	7	7	0	0	79	71
	Umarkot	000	0	8	31	01	96	50	5	010	82	8	9	6	0	5	78	81
	Hyderabad	000	0	8	00	00	97	02	2	013	87	8	0	9	3	8	71	84
	Badin	000	0	8	00	00	97	01	0	032	83	8	0	9	0	1	76	80
Khairpur	Padidan	000	0	1	13	03	97	03	0	0 5	93	0	0	9	0	1	73	83
	Nawabshah	000	0	5	18	05	96	02	0	97	90	0	0	9	0	6	71	82
	Sukkur	000	9	7	16	02	97	03	1	01	93	0	0	9	0	8	76	85
	Kashmore	000	0	0	00	00	59	00	0	935	84	0	0	9	0	0	66	76
	Jacobabad	000	0	0	00	00	96	02	0	001	91	0	0	9	0	0	84	87
Junagadh	Veraval	...	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Skardu *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Misgar **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Astore *																	
	Gilgit *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Murree *	C43	9	8	07	05	95	95	6	460	64	8	9	3	x	x	64	60
Peshawar	Drosh *	000	9	2	08	00	98	01	4	461	79	1	2	7	6	0	83	76
	Cherat *	000	0	7	18	03	98	03	1	403	75	7	8	6	0	0	73	71
	Kakul *	005	5	8	13	03	96	95	9	465	73	8	9	6	x	x	69	70
	Landikotal *	000	0	4	05	02	94	05	4	449	82	4	5	7	0	0	73	77
	Parachinar *	—	—	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...
D. I. Khan	Miranshah *	000	0	6	03	00	98	01	2	455	85	6	0	8	2	0	71	80
	Wana *	000	0	0	00	00	98	00	0	509	81	0	0	9	0	0	66	71
Quetta	Fort Sandeman *	090	0	0	00	00	99	02	0	463	85	0	0	9	0	0	67	80
	Hindubagh *	000	0	0	27	02	97	00	0	445	76	0	0	9	0	0	57	66
	Loralai *	000	0	0	27	02	99	00	0	410	79	0	0	9	0	0	74	67
	Harnai *	000	0	0	00	00	97	00	0	439	83	0	0	9	0	0	78	81
	Quetta *	000	0	0	00	00	96	00	0	452	75	0	0	9	0	0	60	42
	Chaman *	030	0	0	09	05	98	00	0	472	84	0	0	9	0	0	35	74
	Nushki *	000	0	0	36	09	98	02	0	473	91	0	0	9	0	0	50	76
	Dalbandin *	003	0	0	02	08	98	05	0	452	83	0	0	9	0	0	36	27
Kalat	Kalat *	000	0	0	31	02	98	00	0	465	75	0	0	9	0	0	68	59
	Panjgur *	000	0	0	31	03	95	05	0	466	83	0	0	9	0	0	46	80
Afghanistan	Kabul *																	
	Kandhar *																	

Departure from Normal of / Rainfall

Divisions (1)	Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	36.5	—	49.4	—
	Cox's Bazar	0	+ 2	75.3	+ 0.8	66.1	142
	Chittagong	+ 1	+ 2	53.9	+ 3.6	67.4	108
	Maijdee Court	+ 2	— 1	44.4	— 7.1	63.9	115
	Comilla	+ 2	—	39.9	+ 0.1	57.1	94
	Brahmanbaria	—	+ 1	20.5	— 1.6	46.2	78
	Sylhet			59.1	—	88.2	—
	Srimangal		+ 1	—		—	90
Dacca	Mymensingh	— 4	+ 1	33.2	— 5.7	37.2	91
	Narayanganj	+ 1	+ 1	28.7	— 4.0	42.2	79
	Dacca (Tejgaon)	—	—	33.0	—	37.7	—
	Faridpur	0	0	21.3	— 8.4	36.1	71
Khulna	Barisal	+ 2	+ 2	30.9	— 5.3	43.5	81
	Khulna	+ 2	+ 2	34.0	— 6.7	31.5	68
	Satkhira	+ 2	+ 1	28.3	— 8.6	35.5	68
	Jessore	—	—	47.1	— 10.7	27.4	65
Rajshahi	Pabna	—	—	25.9	—	44.4	59
	Sirajganj	— 1	— 2	24.3	— 3.9	36.5	64
	Bogra	— 3	+ 1	36.3	— 3.1	39.9	69
	Dinajpur		— 2	21.9	— 10.4	29.1	73
	Rangpur	+ 3	+ 1	32.3	— 5.1	50.5	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	+ 4	+ 5	6.4	— 2.1	13.8	19
	Sialkot	+ 5	— 3	8.4	— 5.3	14.8	33
Rawalpindi	Jhelum	—	—	9.1	—	15.1	
	Rawalpindi	+ 5	— 3	9.5	— 3.6	31.1	36
	Campbellpur	—	—	8.4	—	8.7	—
Sargodha	Khushab	+ 5	+ 5	1.1	— 5.4	6.1	15
	Lyallpur	+ 5	+ 8	3.1	— 2.0	6.9	12
Multan	Montgomery	+ 6	+ 2	5.6	+ 5.9	0.1	10
	Multan	+ 7	+ 5	0.3	— 2.9	2.0	7
	Leiah	—	—	1.5	—	3.3	8
Bahawalpur	Khanpur	+ 1	+ 3	3.3	— 0.1	4.3	6
	Bahawalpur	+ 2	+ 10	2.4	— 0.9	3.1	6
	Fort Abbas	—	—	0.1		0.4	8
Peshawar	Chakdara	—	—	4.3	—	15.5	—
	Peshawar	— 2	+ 3	0.2	— 2.3	6.8	11
	Haripur						
D. I. Khan	Bannu	—	—	0.4	—	3.6	11
	D. I. Khan	+ 5	+ 2	0.4	— 3.0	3.5	9
Quetta	Sibi	—	—	2.6	—	3.7	3
Kalat	Nokkundi	—	—	0	—	0.1	2
	Turbat	—	—	1.8		4.6	—
	Jiwani	—	—	1.2	—	1.0	5
	Pasni	+ 1	+ 1	0	— 0.8	0.0	6
Karachi Division	Ormara	—	—	1.0	+ 0.3	2.0	6
	Lasbela	—	—	0	—	0	8
	Karachi (Manora)	+ 4	+ 1	3.0	— 1.5	1.0	8
	Karachi (Airport)	—	—	3.2	—	2.3	—
Hyderabad	Nagarparkar	—	—	4.0	—	4.9	—
	Umarkot	—	—	3.3	—	3.4	—
	Hyderabad	+ 3	+ 5	2.4	— 1.7	3.2	7
	Badin	+ 11	0	2.3	— 2.1	2.9	9
Khairpur	Padidan	—	—	2.0	—	2.6	—
	Nawabshah	—	—	2.4	—	2.8	
	Sukkur	—	—	0.9	—	0.3	4
	Kashmore	—	—	0.5	—	0.5	—
	Jacobabad	0	+ 4	0.1	— 1.5	1.4	4
Junagadh	Veraval	—					20
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						5
	HILL STATIONS						
Kashmir	Srinagar *	—					26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **	—					8
	Skardu *	—					6
	Misgar **	—					—
	Astore *						—
	Gilgit *	—					9
Rawalpindi	Murree *	0	+ 3	16.9	— 3.9	39.2	88
Peshawar	Drosh *	+ 3	+ 3	4.2	—	16.2	18
	Cherat *	—	—	7.6	+ 1.3	31.8	29
	Kakul *	—	—	19.6	—	31.1	—
	Landikotal *	—	—	0.5	—	12.2	—
	Parachinar *	+ 5					29
D. I. Khan	Miranshah *	—	—	0.3	— 2.9	2.1	83
	Wana *	—	—	4.1	—	12.4	81
Quetta	Fort Sandeman *	+ 6	+ 6	4.3	+ 0.9	9.1	11
	Hindubagh *	—	—	0.8	—	4.6	—
	Loralai *	—	—	1.1	—	5.2	9
	Harnai *	—	—	3.2	— 1.6	6.3	14
	Quetta *	—	—	0	— 0.9	4.2	9
	Chaman *	— 2	— 1	0	— 0.1	1.3	8
	Nushki *	—	—	0	—	1.8	—
	Dalbandin *	— 3	+ 4	0	— 0.2	7.1	4
Kalat	Kalat *	+ 1	0	0.1	— 0.9	2.1	7
	Panjgur *	— 1	+ 5	0.3	—	1.3	8
Afghanistan	Kabul *						
	Kandhar *						13

† Given in Code.

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

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 9th AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhCLhCMCH	DsVs a PP	8 NsChshs	OTwTwTwTd	Idw dw Pw Hw
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Circassia	43 239	659 00	8 27 04	97 0 22	019 80	27 4 xx		—	—	—
Safina-e-arab	43 166	712 00	8 13 09	96 0 22	036 81	9x x xx		—		
Jalazad	43 174	656 06	8 23 24	96 5 05	055 81	80 6 2x	25 2 14	—	00 6 79	17 3 51
Marialaerk	43 181	573 06	0 22 18	97 0 20	016 80	00 9 00	15 1 10	—	90 2 70	13 3 32
Serenia	43 110	753 06	7 34 14	96 6 23	091 76	77 3 xx	34 2 22	—	05 4 78	12 5 22
Loire	43 162	554 06	0 08 08	97 0 20	033 94	00 9 00	66 2 11	—	00 6 82	10 8 xx
Caltex the Haque	43 729	597 06	8 14 07	98 0 22	012 82	00 5 00		—	05 1 77	11 4 20
Dondo	44 386	578 12	2 20 25	97 0 20	976 72	00 9 02	54 7 15	—	00 0 72	12 0 xx
Uses Blatchford	43 197	625 12	6 24 14	97 6 20	051 79	03 6 00	55 3 07	—	08 3 75	12 4 27
Caltex Leiden	43 214	599 12	8 22 12	97 0 22	002 76	37 3 1x		—	05 1 73	12 3 22
Sarnola	43 396	761 12	8 35 02	97 1 66	978 74	07 4 xx	36 3 05	—	05 3 74	12 5 20
Loire	43 264	537 12	0 19 04	98 0 21	014 96	00 9 00	46 7 12	—	00 2 82	11 9 xx
Daressa	43 212	697 12	4 21 09	97 0 20	007 82	00 9 78	34 7 05	—	05 3 72	12 1 21
Kenaipenensula	43 208	661 12	8 24 02	97 0 22	025 78	00 2 xx	75 7 07	—	05 2 26	12 4 20
Elysia	43 218	474 12	5 23 05	98 0 22	015 80	41 7 30	55 7 22	—	00 6 78	12 3 22
Dondo	43 161	543 12	0 18 15	97 0 20	970 95	00 9 00	54 7 10	—	00 0 76	11 8 xx
Caltex the Haque	43 238	589 18	6 22 02	97 0 22	996 88	00 5 07		—	03 2 82	12 2 20
Marlerkerk	44 208	594 18	0 21 09	97 0 10	028 94	00 9 00	15 2 08	—	00 3 70	12 1 21
Elysia	43 213	659 18	7 24 08	98 0 80	088 88	77 1 xx	55 2 26	—	08 8 79	10 0 00
Coire	43 272	521 18	0 30 05	97 0 20	031 94	00 9 00	76 2 12	—	05 6 80	10 0 xx
Ursablatchford	43 087	016 18	8 24 16	97 0 20	058 77	02 6 00	55 2 07	—	05 1 74	12 4 28
Safina-e-arab	44 179	704 18	8 24 09	96 0 02	036 84	9x x xx		—	—	—
Bay of Bengal										
Mustali	43 176	886 06	5 14 19	99 0 30	036 84	43 5 00	53 x xx	...	...	—
Mustali	43 173	881 12	4 14 13	99 0 10	025 81	36 4 00	53 x xx	—	—	—

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
			HHHTTTTdTdTd								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	998 282 238		—	138 212 148	—	308 122 082	435 028 532	581 538 625	674 648 999	960 772	247 985	431 012	—
Lahore	00 00	978 3?2 248	020 xxx xxx	—	142 242 198	—	315 135 135	443 065 065	591 518 990	766 565 998	909 648	—	—	—
Multan														
Peshawar	00 00	956 285 235	..	...	138 250 990	...	307 150 990	435 072 998	583 505 992	762 588 998	980 628	—	—	—
Quetta	00 00	MISAD	—	—	—	—	—	—	—	—	—	—	—	—

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	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	900 235 178	800 195 132	—	—	—	—	—	—	—	800 195 132	—	—
Lahore	00 00	900 275 215	800 202 192	—	—	—	—	—	—	—	800 202 192	—	—
Multan													
Peshawar	00 00	900 272 992	800 218 998	—	—	—	—	—	—	—	800 218 998	—	—
Quetta	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 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	7.5	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
[illegible]	17 07	15 10	17 12	17 11	16 08		—	—	—	18 07	18 02	18 05	15 07	15 09	10 10	12 07	12 08	13 07	—			—	—	—	—	—
[illegible]		13 07	09 05	23 05	20 06	31 15					12 05	16 11	21 07	26 08	32 39					—	—	—	—	—	—	—
Chhor	26 02	22 08	11 08	14 09	12 14	11 15	08 23	07 17	05 16	27 12	26 05	12 04	10 11			18 02	08 10	08 13	46 37	06 12	07 19	—	—	—	—	—
Chittagong	31 10	20 08	18 07	15 07	15 08	13 08	—	—	...	18 14	19 12	17 09	14 12	16 08	17 08	17 08	17 12	17 07	14 09	—	—	—	—	—	—	—
Cox's Bazar	12 11	18 18								16 12	12 13	17 20	18 10	16 08	17 09	18 04	17 10	16 10	—	...	...	—	—	—	—	—
Dacca	34 07	16 06	17 07	16 09	15 20	13 07	15 09	15 11	11 11	18 00	19 56	18 06	17 08	17 09	15 06	31 03	36 08	31 03		...		—	—	—	—	—
Dalbandin	...	—	30 01	35 01	06 02	18 03	17 15	12 05	10 05	—	—	01 04	01 09	18 07	11 04	—	—	08 00	07 07	04 13	07 06	14 18	16 17	17 13	23 04	—
D.I. Khan	—	—	—	—	—	...	—	—	—	—	...	...				—	—	—	—							—
Drosh	—	—	—				..	—	...	...	—	—	35 02	28 02	04 03	...		—		23 10	30 04	22 08	21 13	19 07	28 08	—
Fort Sandeman				12 14	13 07	29 06							08 06	08 02	30 07				23 04	22 08	19 02					—
Hyderabad	33 06	51 10	11 09	13 03	26 04	25 08	26 12	34 19	35 15	21 11	20 08	15 09	15 03	09 10	06 12	30 05	28 08	33 04	33 03	03 03	08 03	06 09	09 07	09 17	18 38	11 15
[illegible]	93 10	24 13	15 18	—	...	—	...	—	—	16 13	16 12	16 10	16 11		...	16 10	17 10	16 07	...	...	..	...				—
[illegible]										12 10	18 15	20 17	20 09	26 08	—	10 04	12 12	13 17	—	—	—					—
Jiwani	97 02	24 06	34 08	34 09	34 11	34 15	36 06	45 04	18 06	13 09	11 65	33 05	—	—	...	13 06	04 05	04 10								—
Karachi	89 07	14 08	09 08	05 12	06 12	08 13	07 10	08 12	10 15							30 03	32 05	08 03	09 07	10 14	08 26					—
Khanpur										27 13	27 19	25 23	25 24	21 17	18 06	26 10	20 21	29 16	35 06	01 07	05 06	03 10	06 21	04 13		—
Lahore	13 04	13 05	15 05	15 03	25 05	33 03	36 08	36 07	33 05	15 08	17 18	17 19	17 13	13 02	34 08	06 04	13 20	14 13	19 08	20 04	28 07					—
Multan	—	—	...	—	...	...	—	—	—	14 06	16 09	15 06	17 05	14 05	06 13	14 06	15 05	15 07	15 07	06 05	10 10	07 08	08 30			—
Muscat	—	—								—	—	...				—	—				—	—				—
Panjgur	—			36 11	01 08	03 03	16 11	—	—	—			35 18	35 06	03 04	—		—	36 13	02 16						—
Peshawar	...	06 08	06 10	20 04	17 17	25 10	29 09			...	33 06	24 01	16 04	24 11	29 13	—	06 08	09 05	16 03	27 03	27 04					—
Quetta	—	—	—		30 08	22 08	17 09	02 05	01 03	...	...	—	...	29 02	31 04	—	—	—	—	26 04	04 06	09 08	11 10	19 10	06 07	24 05
Sharjah							—	—	—	—	—	...	—	...	—	—		—	—	—	—	—	—	—	—	—
Sylhet	09 07	08 07	07 05	15 02	10 02	23 06	—	—	—	—	—	...	—	—	...	57 03	16 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	7.5	9.0	10.5	12.0	14.1	16.2	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	MISDA																	
Karachi	31 11	27 08	31 04	10 09	10 12	07 22	07 29	07 22	07 18	09 18	09 26	08 25	10 25	11 30	11 46	—	—	—
Peshawar	...	32 11	17 04	17 02	23 05	25 15	31 12	32 20	33 25	32 20	24 28	36 36	25 34	88 20	30 36	—	—	—
Quetta	—																	

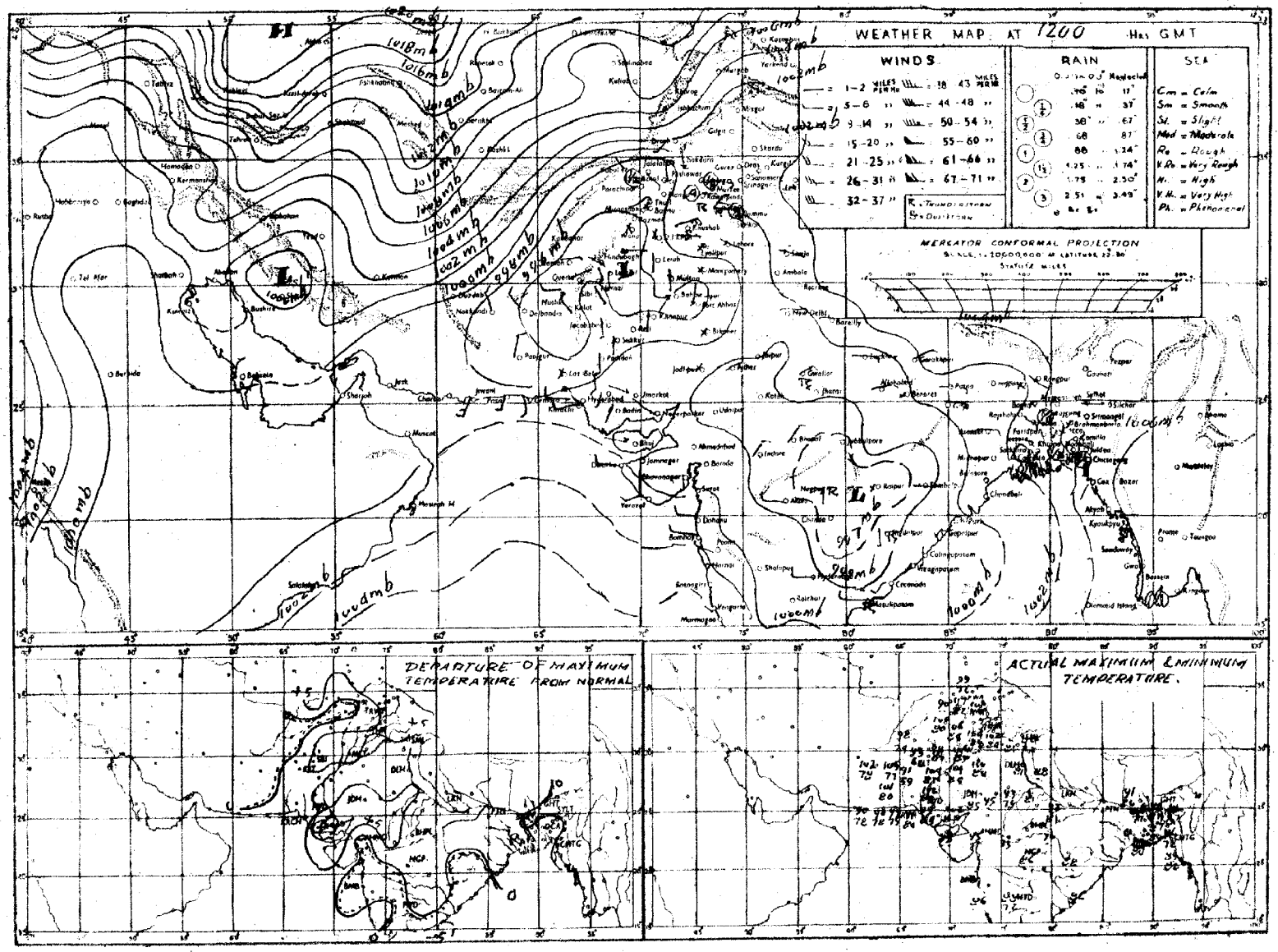
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figure for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd VrVr etc.)

The accuracy of individual entries in this report cannot be guaranteed. Corrections can be obtained, if necessary on application to the Meteorologist, Weather Central, Air Port, KARACHI-27

PAKISTAN DAILY WEATHER MAP

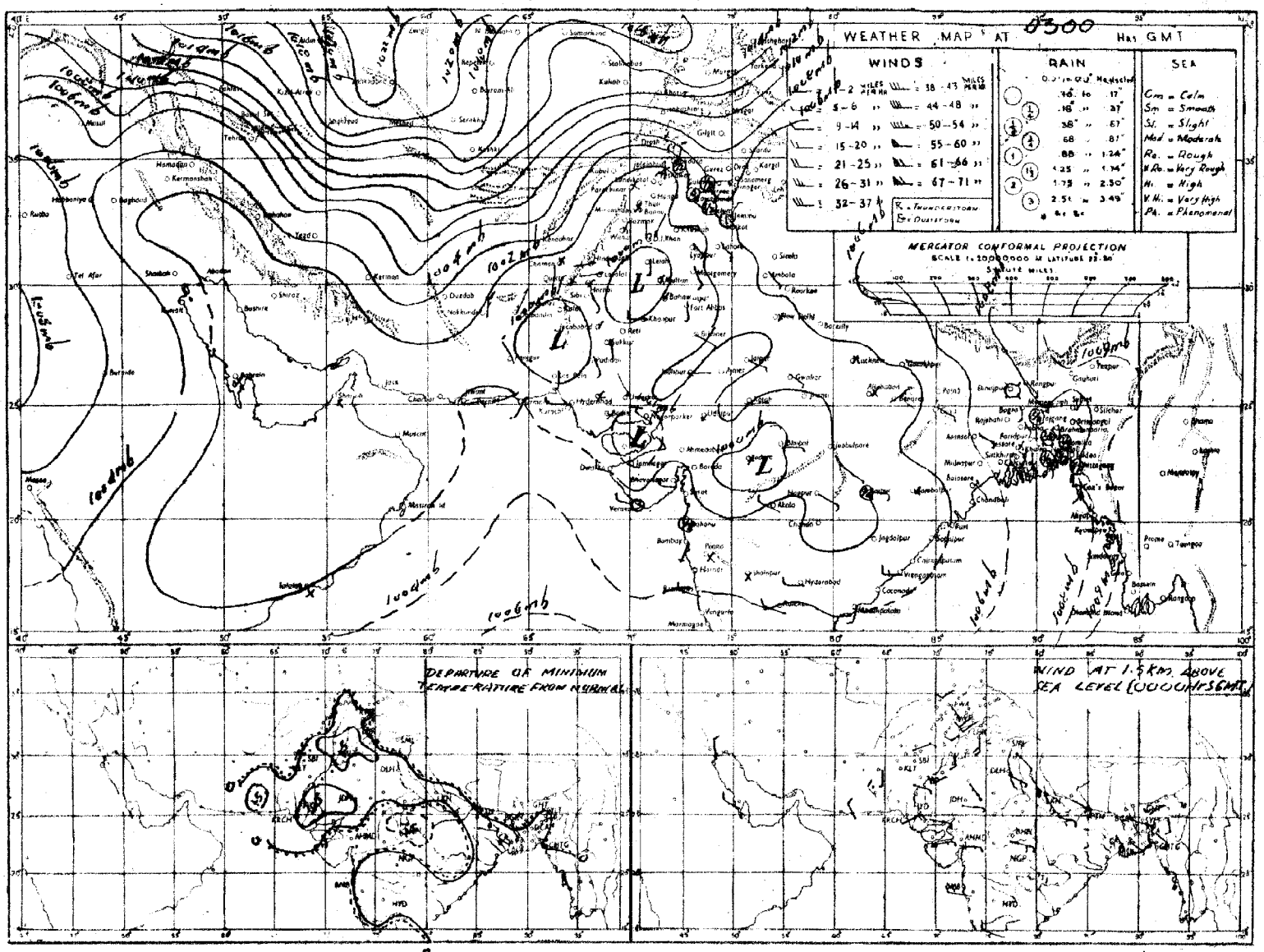
WEDNESDAY 8th AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY, 9th AUGUST, 1962.



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. 16

FRIDAY THE 10th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure area over Kutch has weakened and became unimportant after causing scattered light rain/drizzle in Khairpur and Hyderabad divisions. The easterly low pressure area over Madhya Bharat now lies over southwest Rajasthan and Hyderabad divisions.

The westerly low pressure wave over Peshawar division is today moving across Rawalpindi division and adjoining areas. It has caused fairly widespread rain/thundershowers in Rawalpindi division and local in Lahore and Peshawar divisions. A few moderate to heavy falls have also been reported from these divisions. A few dust/thunderstorms have been reported from Sargodha, D. I. Khan and Bahawalpur divisions.

Rainfall has been local in Chittagong, Dacca and Khulna divisions and scattered in Rajshahi division.

Chief amounts of rainfall are :—Kakul 4", Murree and Haripur 2" each, Sialkot and Rawalpindi 1" each, Sylhet and Dacca 3/4" each, Maijdee Court, Faridpur, Satkhira and Jhelum 1/2" each and Rangamati and Barisal 1/4" each.

Day temperatures were 7—10 °F (4—6 °C) below normal in Lahore and Rawalpindi divisions and 5—7 °F (3—4 °C) above normal in Khairpur, Bahawalpur and Multan divisions and the eastern districts of Quetta division.

Forecast valid until the evening of 11th August, 1962 :—Rain/thundershowers will be fairly widespread in Chittagong and Rawalpindi divisions and in Kashmir, local in Peshawar, Lahore and Sargodha divisions and elsewhere in East Pakistan and scattered elsewhere over West Pakistan outside Quetta and Kalat divisions.

Karachi-11
The 10th August, 1962.

OBSERVATIONS

M. AZHAR ADIL
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 † 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	Rangamati	013	2	7	18	03	94	61	9	052	81	2	6	4	2	x	80	91
	Cox's Bazar	001	8	7	20	09	97	03	6	039	82	5	8	3	7	0	78	86
	Chittagong	000	2	8	23	05	96	03	5	036	83	6	6	5	2	x	76	84
	Maijdee Court	045	2	8	23	02	96	03	6	037	83	6	2	5	3	x	79	87
	Comilla	001	7	8	00	07	96	02	6	014	82	8	4	5	x	x	78	85
	Brahmanbaria	000	0	5	23	03	97	03	1	037	84	3	4	5	0	8	80	87
	Sylhet	000	0	6	23	05	96	02	2	025	84	4	2	6	1	1	76	89
	Srimangal																	
Dacca	Mymensingh	000	0	6	00	00	97	03	1	034	86	6	0	8	4	0	77	89
	Narayanganj	000	9	8	18	02	96	03	2	030	85	4	4	2	3	8	78	90
	Dacca (Tejgaon)	082	9	6	23	02	97	02	6	026	83	2	8	5	3	1	78	96
	Faridpur	050	3	6	16	05	96	02	6	022	84	5	4	6	1	0	78	89
Khulna	Barisal	003	4	4	00	00	97	03	5	xxx	83	4	0	9	4	0	79	99
	Khulna	000	0	0	00	00	97	01	2	029	83	6	5	6	0	0	80	87
	Satkhira	039	5	5	00	00	97	03	6	032	82	2	4	6	2	0	79	89
	Jessore	000	0	4	18	05	97	01	2	030	86	4	4	6	0	0	77	89
Rajshahi	Pabna	000	0	6	18	05	98	01	2	026	84	3	5	6	3	2	78	90
	Sirajganj	000	0	4	18	02	97	03	1	026	84	4	1	5	4	0	80	87
	Bogra	000	0	6	18	02	96	02	2	026	87	5	4	5	1	0	79	90
	Dinajpur	000	9	4	00	0	96	04	6	049	86	4	0	9	2	x	81	89
	Rangpur	000	0	5	18	02	96	03	1	025	85	5	4	6	0	0	78	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	2	8	05	03	96	02	5	020	85	8	0	9	7	x	75	91
	Sialkot	045	3	4	13	03	97	01	6	023	84	4	5	4	x	x	71	85
Rawalpindi	Jhelum	060	7	6	13	03	98	01	9	014	85	3	5	6	1	0	77	86
	Rawalpindi	130	7	4	13	02	98	01	2	011	85	2	5	7	2	0	77	85
	Campbellpur	000	0	0	00	00	98	00	0	889	02	0	0	9	0	0	68	03
Sargodha	Khushab	000	6	0	00	14	97	06	3	004	94	0	0	9	0	0	77	97
	Lyallpur	000	0	4	16	03	95	05	4	004	95	0	0	9	0	3	77	95
Multan	Montgomery	000	0	6	13	02	96	02	2	990	95	0	0	9	0	9	77	00
	Multan	000	0	4	00	00	98	03	0	967	08	1	1	6	0	2	68	10
	Leiah	000	0	0	23	02	97	00	0	943	02	0	0	9	0	0	44	10
Bahawalpur	Khanpur	002	0	3	27	02	96	02	0	958	07	1	2	6	4	0	69	10
	Bahawalpur	000	0	0	13	02	98	00	0	963	05	0	0	9	0	0	74	08
	Fort Abbas	000	0	0	13	02	98	00	0	961	03	0	0	9	0	0	78	08
Peshawar	Chakdara	000	0	3	18	01	97	01	0	941	91	3	0	9	2	0	68	92
	Peshawar	000	0	7	36	05	96	06	1	981	93	3	3	6	1	1	81	96
	Haripur	195	6	0	18	01	96	00	6	992	93	0	0	9	0	0	75	94
D. I. Khan	Bannu	000	3	8	09	03	97	10	3	956	99	0	0	9	0	8	71	03
	D. I. Khan	000	3	8	35	03	98	07	2	971	01	8	8	8	0	0	81	01
Quetta	Sibi	000	0	6	00	00	98	00	0	889	09	0	0	9	0	0	46	10
Kalat	Nokkundi	000	0	8	34	19	97	07	0	979	00	0	0	9	0	0	3	02
	Turbat	000	0	8	23	08	95	07	0	971	06	0	0	9	0	0	77	12
	Jiwani	000	0	6	18	12	96	03	2	999	05	4	6	4	2	0	76	91
	Pasni	000	0	8	23	10	96	03	1	011	86	0	0	5	4	x	77	90
Karachi Division	Ormara	000	0	8	27	10	94	03	2	990	87	8	1	6	0	1	79	91
	Lasbela	000	0	4	00	00	98	04	0	870	09	4	0	9	4	0	84	06
	Karachi (Manora)	000	0	3	27	10	96	01	1	996	86	0	0	9	4	0	78	89
	Karachi (Airport)	000	0	2	25	05	96	01	1	996	89	2	0	9	3	0	76	91
Hyderabad	Nagarparkar	000	0	6	31	01	97	00	0	545	98	0	6	7	0	0	77	99
	Umerkot	000	8	8	25	03	97	03	8	974	95	8	9	7	0	0	76	99
	Hyderabad	000	0	7	00	00	97	03	5	989	96	5	0	9	3	1	73	97
	Badin	000	1	8	00	00	97	02	2	009	92	8	0	9	0	2	76	92
Khairpur	Padidan	000	0	4	18	09	97	03	0	973	01	4	0	9	2	0	71	01
	Nawabshah	000	0	6	13	02	96	02	2	986	02	0	0	9	0	2	75	04
	Sukkur	003	8	6	30	02	97	03	1	961	07	6	0	9	6	0	75	07
	Kashmore	000	0	0	00	00	59	00	0	962	05	0	0	9	0	0	68	10
	Jacobabad	000	0	2	18	02	97	02	1	963	08	0	0	9	0	2	91	09
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gulmarg **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *	002	3	7	3	03	56	02	5	332	87	7	8	6	0	0	49	93
	Misgar **	000	0	6	27	03	58	03	1	092	76	2	1	8	6	0	48	78
	Aliabad *																	
	Gilgit *	000	0	6	23	03	98	01	1	437	85	6	5	8	0	0	71	95
Rawalpindi	Murree *	043	8	8	85	04	96	03	9	453	72	8	5	2	x	x	66	72
Peshawar	Drosh *	000	3	4	01	2	98	01	9	412	91	4	1	7	0	0	53	96
	Cherat *	000	0	7	13	07	98	03	2	404	76	7	8	6	0	0	72	68
	Kakul *	010	4	2	10	08	96	05	6	449	80	2	1	7	0	0	68	83
	Landikotal *	000	0	3	13	05	94	05	4	429	66	1	2	7	0	9	71	91
	Parachinar *																	
D. I. Khan	Miranshah *	000	0	8	05	05	98	03	2	435	90	8	4	8	0	0	74	97
	Wana *	000	0	5	00	00	98	01	1	513	89	5	1	9	0	0	68	96
Quetta	Fort Sandeman *	000	0	3	16	03	99	01	0	441	95	3	0	8	3	0	55	00
	Hindubagh *	000	0	0	09	05	97	00	0	402	96	0	0	9	0	0	59	97
	Loralai *	000	0	6	11	05	99	00	2	431	88	0	0	9	2	1	64	96
	Harnai *	000	0	5	16	05	97	03	0	420	00	2	1	5	1	0	63	01
	Quetta *	000	0	2	27	02	96	02	0	464	90	2	1	5	0	0	61	93
	Chaman *	000	0	0	31	05	98	00	0	432	99	0	0	9	0	0	36	00
	Nushki *	000	0	0	31	09	98	02	0	449	02	0	0	9	0	0	52	02
	Dalbandin *	000	0	0	11	05	94	05	0	452	05	0	0	9	0	0	52	05
Kalat	Kalat *	000	0	8	31	03	96	05	4	423	87	0	0	9	8	3	83	93
	Panjgur *	000	0	8	36	10	95	07	0	461	99	0	0	9	0	0	61	01
Afghanistan	Kabul *																	
	Kandhar *																	

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 1962 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	027	9	7	18	03	98	05	6	040	85	4	8	6	1	x	79	78	—	—	36.7	—	43.6	—
	Cox's Bazar	010	4	4	20	05	96	02	6	039	83	4	4	5	7	0	77	77	+ 1	+ 1	75.4	— 6.1	[illegible]	143
	Chittagong	009	0	6	18	05	97	02	6	036	82	5	5	6	2	0	73	78	+ 1	+ 2	53.9	+ 2.9	47.4	[illegible]
	Maijdee Court	055	6	8	09	02	96	02	6	040	80	2	5	5	2	x	76	78	+ 1	0	45.0	— 7.4	84.5	138
	Comilla	002	0	8	18	05	97	02	2	010	85	8	4	5	x	x	78	79	— 2	+ 2	40.0	— 0.5	83.1	94
	Brahmanbaria	000	0	6	18	02	97	00	1	039	83	6	4	5	0	8	79	79	—	—	28.5	— 2.1	[illegible]	70
	Sylhet	075	7	8	00	00	96	63	6	039	78	6	7	3	2	x	77	77	—	—	59.8	—	[illegible]	—
	Srimangal																							[illegible]
Dacca	Mymensingh	000	0	8	13	01	97	02	1	040	83	8	5	4	x	x	80	79	+ 1	+ 1	32.2	— 6.2	37.2	91
	Narayanganj	000	9	7	18	02	97	03	2	035	88	5	4	3	0	8	77	81	+ 3	+ 3	25.1	— 4.4	42.2	74
	Dacca (Tejgaon)	082	9	7	18	02	97	02	1	029	85	6	8	5	0	2	78	79	—	—	23.8	—	38.8	—
	Faridpur	050	0	8	16	02	97	02	2	022	86	4	5	7	1	1	77	80	+ 2	+ 1	21.8	— 7.9	36.7	71
Khulna	Barisal	023	9	6	18	02	97	02	5	030	85	6	0	9	4	0	79	80	+ 2	+ 2	37.1	+ 0.3	43.8	81
	Khulna	000	8	5	00	00	97	03	2	036	85	5	4	6	0	0	81	80	0	+ 2	24.0	— 7.3	31.5	68
	Satkhira	039	9	6	00	01	97	03	6	044	87	4	4	4	2	0	80	79	+ 1	+ 1	20.7	— 0.6	35.9	69
	Jessore	000	0	7	18	05	97	03	2	029	84	7	5	6	0	0	80	78	—	—	17.1	— 10.5	47.4	65
Rajshahi	Pabna	000	0	7	18	05	98	03	2	029	84	4	2	6	3	2	78	80	—	—	25.9	—	44.4	59
	Sirajganj	010	1	8	18	02	97	50	2	032	80	8	7	5	0	8	79	79	0	0	24.5	— 3.7	36.6	64
	Bogra	000	0	5	23	02	96	01	2	038	85	5	3	5	0	0	79	79	+ 2	0	26.3	— 3.5	38.9	69
	Dinajpur																		+ 1					72
	Rangpur	002	9	4	13	02	96	03	0	033	94	2	5	6	2	0	80	80	+ 2	+ 1	32.3	— 5.5	50.5	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	1	31	03	96	03	1	014	85	1	0	9	3	0	76	78	— 7	— 1	6.4	— 2.3	13.0	19
	Sialkot	045	0	3	00	00	97	01	2	018	83	3	4	6	x	x	76	76	— 10	— 3	9.4	— 4.7	15.7	33
Rawalpindi	Jhelum	060	9	6	00	09	97	01	2	017	84	2	6	7	7	0	75	79	—	—	9.7	—	15.7	
	Rawalpindi	130	7	7	09	03	97	03	9	017	81	7	5	6	0	0	75	72	— 10	— 4	10.8	— 2.6	22.4	[illegible]
	Campbellpur	000	0	2	13	02	97	01	1	912	88	0	0	8	1	1	78	xx	—	—	5.4	—	5.7	—
Sargodha	Khushab	000	0	3	05	07	98	01	2	017	94	3	0	9	3	0	78	83	— 3	+ 1	1.1	— 5.5	6.1	15
	Lyallpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					13
Multan	Montgomery	000	0	2	09	02	96	01	2	002	85	2	0	9	4	0	77	83	— 1	+ 1	5.6	+ 0.7	0.1	10
	Multan	000	0	2	01	00	95	01	1	990	90	0	0	9	0	1	77	89	+ 11	+ 4	0.3	— 3.0	2.0	7
	Leiah	000	0	0	18	02	97	00	0	780	96	0	0	9	0	0	73	85	—	—	1.5	—	3.3	8
Bahawalpur	Khanpur	000	9	3	00	00	95	05	9	981	94	1	0	9	3	4	75	86	+ 7	+ 4	3.3	— 0.2	4.3	6
	Bahawalpur	000	0	4	00	00	97	00	0	995	93	4	0	9	0	0	81	xx	+ 7	—	2.4	— 0.9	9.1	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Peshawar	Chakdara	013	3	1	08	00	96	50	6	002	73	5	3	7	0	0	69	73	—	—	4.4	—	11.6	—
	Peshawar	000	0	3	36	02	97	03	1	004	83	1	1	6	3	0	79	83	— 3	+ 1	0.2	— 2.4	6.8	11
	Haripur	204	3	7	36	03	xx	xx	x	018	77	7	0	8	7	0	71	71	—	—	—	—	—	—
D. I. Khan	Bannu	000	2	8	00	03	98	03	0	904	86	0	0	9	8	0	73	85	—	—	0.6	—	2.6	11
	D. I. Khan	000	0		08	02	98	00	0	979	87	9	9	9	0	0	79	83	0	+ 1	0.6	— 3.1	3.5	9
Quetta	Sibi	000	0	0	13	02	98	00	0	980	93	0	0	9	0	0	74	90	—	—	2.6	—	3.7	9
Kalat	Nokkundi	000	0	0	36	25	36	07	0	014	80	0	0	9	0	0	30	76	—	—	0	—	0.1	3
	Turbat	000	0	0	27	01	96	06	0	012	86	0	0	9	0	0	78	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	3	23	03	96	08	0	015	81	3	0	9	3	0	73	78	—	—	1.2	—	1.8	8
	Pasni	003	3	6	29	05	96	03	1	997	83	0	0	9	4	3	77	80	+ 1	+ 3	0	— 0.8	0.2	6
Karachi Division	Ormara	000	0	8	27	14	94	03	2	995	82	8	1	6	0	0	79	80	—	—	1.0	+ 0.3	2.0	8
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
	Karachi (Manora)	0 0	0	6	31	13	96	03	2	001	83	0	0	9	7	0	69	81	+ 4	+ 2	3.0	— 1.6	3.0	8
	Karachi (Airport)	001	0	6	9	10	96	02	2	000	83	1	5	6	5	0	79	82	—	—	3.2	—	3.2	—
Hyderabad	Nagarparkar	000	0	5	31	01	97	00	0	988	85	0	5	7	0	0	75	66	—	—	4.0	—	4.0	—
	Umerkot	000	0	8	23	01	97	02	0	988	85	4	5	7	0	8	79	80	—	—	3.3	—	3.4	—
	Hyderabad	000	9	8	23	05	97	44	5	989	87	5	0	9	3	1	73	84	+ 1	+ 5	2.4	— 1.8	3.2	7
	Badin	000	0	0	00	00	97	00	0	003	83	0	0	9	0	0	79	79	0	— 1	2.3	— 1.3	2.9	9
Khairpur	Padidan	005	1	6	27	03	97	21	0	989	83	2	2	6	2	3	78	82	—	—	2.1	—	2.7	—
	Nawabshah	0 0	0	0	00	00	96	03	1	991	87	0	0	9	2	2	75	85	—	—	2.4	—	2.7	—
	Sukkur	000	9	8	00	00	97	03	2	979	91	8	0	9	9	0	77	89	—	—	0.9	—	0.9	4
	Kashmore	000	0	0	00	00	97	00	0	949	85	0	0	9	0	0	79	78	—	—	0.5	—	0.8	—
	Jacobabad	000	0	4	13	03	96	03	0	978	93	4	0	9	4	0	86	90	+ 5	+ 7	0.1	— 1.6	1.8	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							3
	HILL STATIONS																							
Kashmir	Srinagar *	xxx	x	8	19	03	96	95	9	443	64	5	9	5	2	0	60	64		—				26
	Gulmarg **	xxx	x	7	05	04	96	03	2	403	63	7	4	4	0	4	57	50		—				—
	Sonamarg **																							71
	Dras **																							30
	Leh **																							3
	Skardu *	002	0	3	27	03	97	01	1	341	70	1	6	4	3	0	54	62	—	—				8
	Misgar **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		—					—
	Aliabad *																							—
	Gilgit *	000	0	8	00	03	97	02	2	441	72	8	5	7	x	x	66	76	—	—				8
Rawalpindi	Murree *	187	3	8	13	05	96	61	9	459	59	8	5	2	x	x	57	58	0	+ 1	18.8	— 2.7	37.1	59
Peshawar	Drosh *	004	9	3	00	00	98	03	9	443	74	2	1	6	3	0	60	70	0	— 3	4.3	—	16.2	10
	Cherat *	000	0	0	16	11	96	11	2	391	70	0	0	9	0	0	70	70	—	—	7.6	+ 1.2	31.8	29
	Kakul *	409	3	8	29	02	96	95	9	449	66	8	9	5	x	x	65	65	—	—	19.7	—	35.2	—
	Landikotal *	000	0	1	05	02	98	03	0	429	77	1	1	7	0	0	73	72	—	—	0.5	—	13.2	—
	Parachinar *																							29
D. I. Khan	Miranshah *	000	0	6	00	00	98	03	2	431	88	6	4	8	0	0	71	80	—	—	0.3	— 3.0	2.1	13
	Wana *	000	0	0	00	00	97	03	0	505	78	0	0	9	0	0	63	75	—	—	4.1	—	12.4	11
Quetta	Fort Sandeman *	000	0	0	25	01	98	05	0	430	83	0	0	9	0	0	68	78	+ 5	+ 4	4.3	+ 0.8	9.1	11
	Hindubagh *	000	0	0	25	07	97	00	0	431	79	0	0	9	0	0	47	46	—	—	0.8	—	4.4	—
	Loralai *	000	0	3	25	02	99	01	1	431	81	0	9	9	1	1	68	70	—	—	1.1	—	5.2	9
	Harnai *	000	0	0	00	00	97	00	0	418	88	0	0	9	0	0	66	83	—	—	3.2	— 1.6	6.3	14
	Quetta *	000	0	0	00	00	96	00	0	440	76	0	0	9	0	0	64	64	—	—	0	— 0.9	4.2	9
	Chaman *	000	0	0	09	07	98	00	0	445	82	0	0	9	0	0	31	73	— 8	— 2	0	— 0.1	1.3	8
	Nushki *	000	0	0	18	05	97	02	0	464	79	0	0	9	0	0	44	76	—	—	0	—	1.6	—
	Dalbandin *	000	7	0	07	10	94	05	0	451	84	0	0	9	0	0	39	78	— 3	+ 5	0	—	7.1	4
Kalat	Kalat *	000	0	6	31	02	97	00	0	449	75	0	0	9	0	0	60	59	+ 3	0	0.1	— 0.9	2.1	7
	Panjgur *	000	0	7	36	03	95	05	0	453	80	7	0	9	7	0	51	80	— 1	+ 5	0.3	—	1.3	8
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 as RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 10th AUGUST, 1962.

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 $N_sC_hh_s$	$OT_sT_sT_dT_d$	$I_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Elysia — — —	53 200	633 06	2 30 05	98 8 22	035 79	86 4 80	54 8 00	—	05 1 48	12 5 22
Utrecht — — —	53 224	680 06	8 35 09	97 5 02	039 82	80 4 1x	85 2 17	—	00 1 73	13 5 21
Isselia — — —	53 266	535 06	1 34 03	98 0 20	048 95	00 9 01	35 2 02	—	09 0 85	10 0 x0
Caledonia — — —	53 230	679 06	8 37 09	96 0 26	042 78	00 9 60	76 2 14	—	08 6 77	13 2 x3
Utrecht — — —	53 213	693 12	8 02 04	97 2 52	009 79	47 4 2x	35 6 14	—	05 3 76	10 2 20
Isselia — — —	53 263	551 12	1 14 06	98 0 20	021 99	00 9 08	25 7 19	—	00 6 82	11 4 x0

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
		$PPPTTT_dT_dT_d$	$HHHTTTT_dT_dT_d$								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	996 275 248	513 xxx xxx	—	140 235 165	—	306 135 088	434 048 032	580 535 562	754 625 642	948 762	243 985	420 865	—
Lahore —	00 00	977 303 200	007 xxx xxx	—	143 260 170	—	316 190 120	447 130 990	597 045 995	776 542 998	—	—	—	—
Multan —														
Peshawar —	00 00	959 282 225	—	—	140 232 992	—	307 142 992	435 048 995	581 540 990	753 645 995	946 770	—	—	—
Quetta —	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—	—

STATION	Time of ascent in G.M.T.	At Significant Levels $PPPTTT_dT_dT_d$									Max. Height Reached $PPPTTT_dT_dT_d$	TROPOPAUSE St.HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra —													
Chittagong —													
Dacca —	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—
Jiwani —													
Karachi —	00 00	900 262 175	800 198 158	350 682 712	—	—	—	—	—	—	350 682 712	—	—
Lahore —	00 00	900 282 198	800 235 145	—	—	—	—	—	—	—	800 235 145	—	—
Multan —													
Peshawar —	00 00	900 252 208	800 200 990	—	—	—	—	—	—	—	800 200 990	—	—
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*

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

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra —	17 06	19 08	22 09	32 10	21 09	23 09	22 06	21 04	19 03
Chaklala —	—	12 06	11 09	14 02	32 06	30 11	28 12	—	—
Chhor —	24 11	20 10	31 10	03 30	04 23	06 21	—	—	—
Chittagong —	22 13	22 12	22 11	23 08	—	—	—	—	—
Cox's Bazar —	19 13	21 12	—	—	—	—	—	—	—
Dacca —	20 08	21 10	20 10	19 09	19 08	21 09	10 04	07 05	09 06
Dalbandin —	—	—	06 03	07 07	05 04	13 04	—	—	—
D.I. Khan —	—	—	—	—	—	—	—	—	—
Drosh —	—	—	—	—	23 17	22 12	—	—	—
Fort Sandeman —	—	—	—	19 08	12 06	02 04	—	—	—
Jacobabad —	20 04	18 04	21 04	30 04	06 03	36 07	07 19	08 15	08 17
Jessore —	29 07	21 11	22 12	21 10	—	—	—	—	—
Jhelum —	13 06	12 11	12 13	12 06	27 07	31 12	32 15	33 16	—
Jiwani —	19 13	10 04	06 01	08 10	06 10	04 20	—	—	—
Karachi —	25 12	25 11	28 06	04 10	07 18	08 23	—	—	—
Khanpur —	33 04	36 09	34 10	36 15	01 17	05 10	08 21	05 17	—
Lahore —	10 15	09 21	12 06	02 03	35 13	31 12	30 05	29 06	31 11
Multan —	10 09	11 08	19 09	10 07	10 06	03 05	—	—	—
Muscat —	—	—	—	—	—	—	—	—	—
Panjgur —	—	—	—	01 18	03 15	—	—	—	—
Peshawar —	—	85 08	04 05	21 01	19 07	—	—	—	—
Quetta —	—	—	—	—	26 10	29 06	26 03	18 05	31 05
Sharjah —	—	—	—	—	—	—	—	—	—
Sylhet —	25 11	25 10	24 10	25 09	25 08	27 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
STATION	11	12	13	14	15	16
Bogra —	23 11	23 10	23 08	21 06	22 07	25 07
Chaklala —	—	10 06	13 11	13 09	28 06	—
Chhor —	23 11	20 08	13 04	12 10	—	—
Chittagong —	18 04	19 04	22 04	22 04	24 05	31 06
Cox's Bazar —	18 05	19 04	20 03	—	—	—
Dacca —	22 07	22 06	20 06	21 06	21 06	23 05
Dalbandin —	—	—	29 03	04 02	14 04	11 05
D.I. Khan —	—	—	—	—	—	—
Drosh —	—	—	—	23 01	24 02	22 03
Fort Sandeman —	—	—	—	26 03	27 10	24 14
Jacobabad —	20 05	20 04	10 04	06 08	04 08	03 12
Jessore —	22 10	22 10	21 10	18 04	16 02	31 06
Jhelum —	12 06	13 12	13 09	30 01	30 15	—
Jiwani —	22 03	25 02	34 02	01 09	01 13	03 14
Karachi —	—	—	—	—	—	—
Khanpur —	18 04	24 08	14 11	35 08	—	—
Lahore —	09 09	12 10	13 07	34 03	33 02	34 11
Multan —	13 19	21 07	23 09	19 08	34 04	34 06
Muscat —	—	—	—	—	—	—
Panjgur —	—	—	—	34 16	35 17	—
Peshawar —	—	32 04	18 02	19 02	26 08	32 15
Quetta —	—	—	—	—	27 05	25 04
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 —	22 10	22 10	21 01	—	—	—	—	—	—	—	—
Chaklala —	—	12 04	14 10	14 08	—	—	—	—	—	—	—
Chhor —	22 05	20 08	15 06	04 03	07 06	08 12	09 25	08 37	07 47	—	—
Chittagong —	10 11	11 15	12 17	—	—	—	—	—	—	—	—
Cox's Bazar —	18 04	18 06	17 05	—	—	—	—	—	—	—	—
Dacca —	21 06	19 06	19 05	18 06	13 07	—	—	—	—	—	—
Dalbandin —	—	—	07 14	06 09	29 02	22 04	23 08	15 17	17 15	—	—
D.I. Khan —	—	—	—	—	—	—	—	—	—	—	—
Drosh —	—	—	—	—	24 05	34 07	17 03	12 03	15 03	26 13	—
Fort Sandeman —	—	—	—	28 04	24 07	32 03	—	—	—	—	—
Jacobabad —	19 06	17 04	16 03	16 04	11 06	05 10	07 13	10 20	10 20	06 03	24 02
Jessore —	19 08	20 05	19 06	18 10	—	—	—	—	—	—	—
Jhelum —	06 06	08 04	11 05	19 03	30 04	30 12	—	—	—	—	—
Jiwani —	24 04	30 04	03 05	03 04	04 08	85 13	08 19	04 15	10 13	10 22	—
Karachi —	32 06	34 06	35 06	05 09	06 14	08 17	—	—	—	—	—
Khanpur —	—	—	—	—	—	—	—	—	—	—	—
Lahore —	08 05	11 05	12 05	19 55	33 05	33 08	34 14	34 47	32 11	28 13	26 10
Multan —	07 01	xx xx	26 04	19 04	16 03	02 04	02 07	20 85	—	—	—
Muscat —	—	—	—	—	—	—	—	—	—	—	—
Panjgur —	—	—	—	—	—	—	—	—	—	—	—
Peshawar —	—	—	—	36 12	04 16	—	—	—	—	—	—
Quetta —	—	—	—	—	30 07	23 04	32 06	36 06	03 05	21 08	25 21
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 —	28 27	29 23	29 18	32 09	08 16	09 25	07 25	09 20	10 17	11 14	11 16	11 15	10 16	08 23	07 16	—	—	—
Peshawar —	—	34 04	33 05	25 04	32 05	27 11	26 23	28 29	09 05	27 22	27 29	26 27	28 25	28 27	—	—	—	—
Quetta —																—	—	—

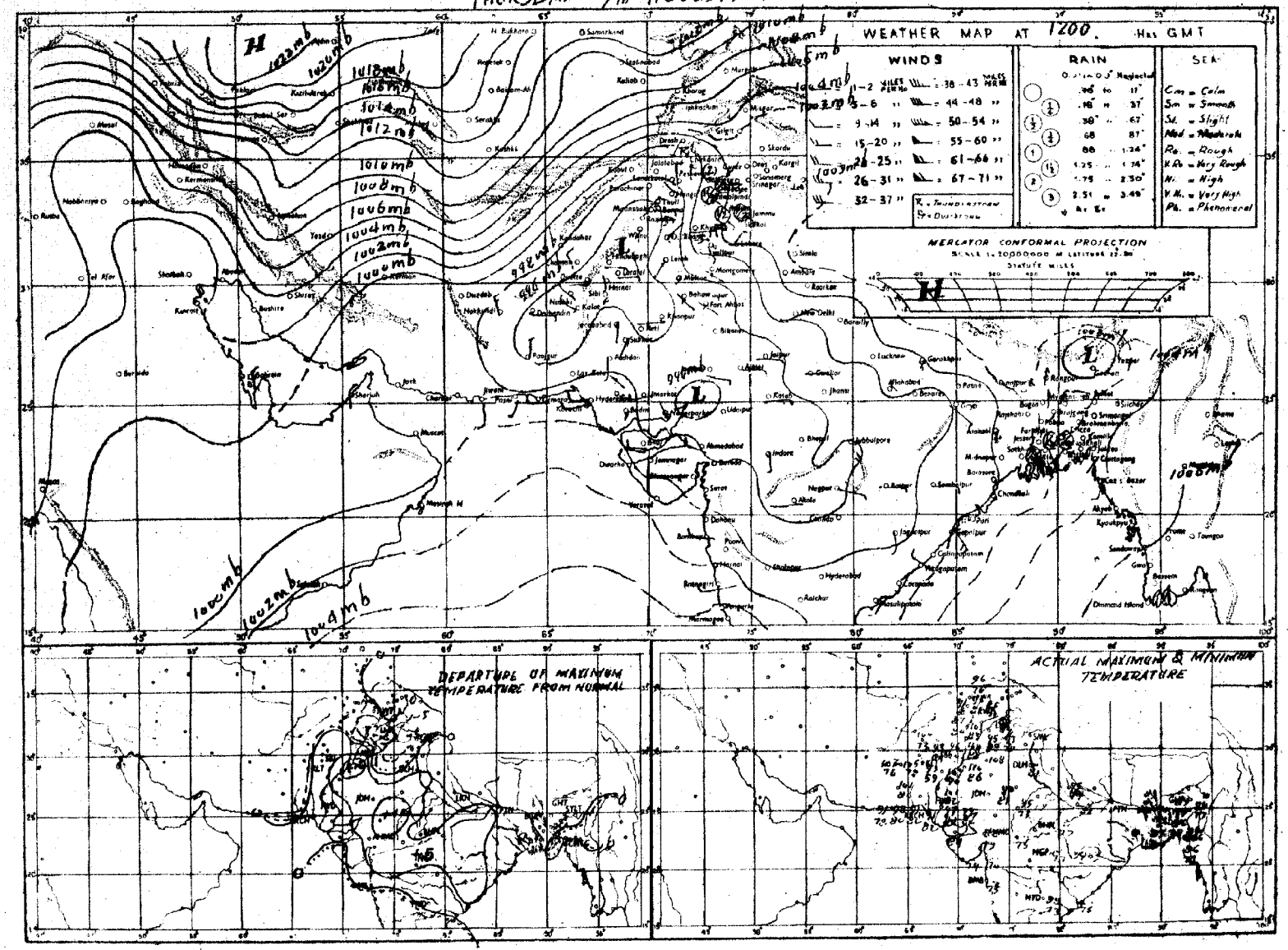
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii 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-27.

PAKISTAN DAILY WEATHER MAP

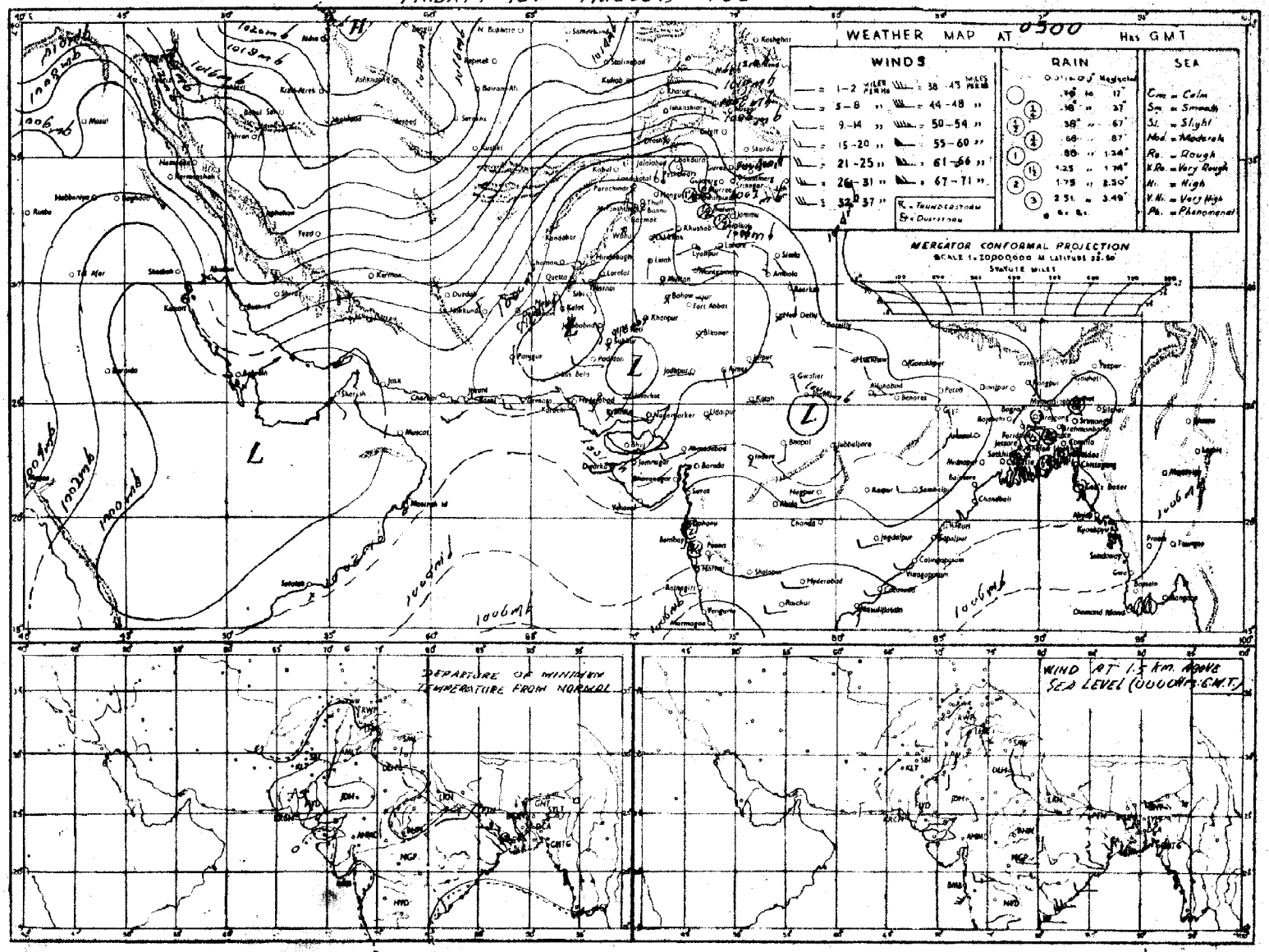
THURSDAY 9th AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY, 10th AUGUST, 1962



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

Monthly Subscription

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

Reg. No. S-1457
Volume No. 16

SATURDAY THE 11th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure area over southwest Rajasthan and Hyderabad division has weakened and now lies as a trough over West Rajasthan and neighbourhood. It has caused scattered thundershowers in Khairpur division and isolated light rain in Hyderabad division.

The westerly low pressure wave over Rawalpindi division has moved away eastwards and another is today moving across Peshawar and D. I. Khan divisions. Under their combined influence thunderstorms/showers have been fairly widespread in Rawalpindi division, local in Lahore, Sargodha, Multan and Peshawar divisions and scattered in Bahawalpur, D. I. Khan and Quetta divisions.

Monsoon trough of low extends across Uttar Predesh to north and adjoining central Bay of Bengal.

Rain/thundershowers have been fairly widespread in Chittagong and Khulna divisions and local elsewhere in East Pakistan,

Chief amounts of rainfall are :—Chittagong 3", Pabna 2", Sylhet and Dacca 1/2" each, Rangamati 3/4", Khulna, Rangpur, Rawalpindi and Haripur 1/2" each and Cox's Bazar, Mymensingh, Jessore, Sirajganj, Jhelum, Compbellpur, Kakul, Fort-Sandeman, Harnai and Sukkur 1/4" each.

Day temperatures were 4—9 °F (2—5 °C) above normal in Karachi, Hyderabad and Khairpur divisions and 4—6 °F (2—3 °C) below normal in Rawalpindi, Peshawar and Quetta divisions and in northern parts of Kalat division.

Forecast valid until the evening of 12th August, 1962 :—Rain/thundershowers will be local in East Pakistan and in Peshawar, Rawalpindi, Sargodha and Lahore, divisions and in Kashmir and scattered elsewhere over West Pakistan outside Kalat, Karachi and Hyderabad divisions.

Karachi-11
The 11th August, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	000	1	7	18	09	96	17	9	010	83	7	7	5	x	x	78	90
	Cox's Bazar	010	0	8	33	05	97	61	2	002	80	5	5	5	7	x	77	85
	Chittagong	220	1	8	19	09	94	65	6	989	78	8	7	3	x	x	77	87
	Maijdee Court	000	9	6	00	00	97	03	2	995	84	5	2	5	2	x	78	87
	Comilla	00:	0	8	00	00	96	02	2	975	84	8	4	4	x	x	79	90
	Brahmanbaria	001	0	7	23	02	97	17	1	595	86	4	3	5	0	0	82	89
	Sylhet	020	9	4	00	00	96	02	6	995	82	3	2	6	4	1	79	83
	Srimangal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dacca	Mymensingh	000	0	0	00	00	97	02	1	007	85	6	5	7	x	x	78	88
	Narayanganj	000	9	8	18	02	96	02	2	987	87	6	4	3	7	x	79	90
	Dacca (Tezgaon)	000	0	8	23	05	97	02	2	984	86	3	9	5	5	0	79	90
	Faridpur	000	0	7	11	02	96	02	2	016	86	3	4	6	1	0	81	90
Khulna	Barisal	000	0	4	13	02	96	02	2	994	85	4	0	9	x	x	87	88
	Khulna	000	0	4	00	00	97	01	2	992	85	2	5	9	0	0	81	xx
	Satkhira	000	0	5	00	00	97	03	2	992	86	2	4	6	2	0	80	91
	Jessore	000	1	4	18	03	97	03	2	902	85	5	4	5	0	0	81	90
Rajshahi	Pabna	000	0	7	11	02	98	01	2	976	89	4	2	6	0	6	77	92
	Sirajganj	018	0	7	00	00	97	02	5	985	85	7	0	9	4	0	70	87
	Bogra	000	0	8	00	00	96	02	2	981	87	3	5	5	2	x	[illegible]	91
	Dinajpur	007	7	5	00	00	91	11	1	973	93	3	5	6	2	x	79	92
	Rangpur	012	1	6	07	02	96	21	2	980	85	4	5	6	3	0	82	93
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	36	02	93	05	0	955	95	1	1	7	0	0	75	99
	Sialkot	000	0	6	00	00	97	08	0	933	93	0	0	9	0	0	79	94
Rawalpindi	Jhelum	000	3	8	31	07	96	02	1	993	91	4	3	6	1	1	75	xx
	Rawalpindi	061	5	0	00	00	98	00	0	961	84	0	0	9	0	0	71	85
	Campbellpur	000	8	4	34	03	98	04	2	953	86	1	1	8	C	0	74	86
Sargodha	Khushab	000	0	0	07	07	96	85	0	956	96	0	0	9	0	0	84	97
	Lyallpur	000	0	6	30	02	97	02	2	940	00	6	0	9	4	0	74	00
Multan	Montgomery	000	0	0	00	00	96	02	0	942	01	0	0	9	0	0	77	03
	Multan	000	0	4	00	00	97	03	0	933	06	1	1	6	2	0	68	07
	Leiah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bahawalpur	Khanpur	002	0	3	13	04	97	00	0	963	89	0	3	9	0	0	73	06
	Bahawalpur	000	0	3	13	04	97	00	0	959	99	0	3	9	0	0	73	07
	Fort Abbas	000	0	0	13	06	98	00	0	945	03	0	0	9	0	0	79	10
Peshawar	Chakdara	000	0	0	13	02	97	00	0	927	89	0	0	9	0	0	70	90
	Peshawar	000	0	7	02	07	97	03	1	951	92	4	8	6	3	1	79	93
	Haripur	018	7	0	23	02	97	00	6	952	89	0	0	9	0	0	73	89
D. I. Khan	Bannu	000	0	8	13	02	98	03	2	937	94	0	0	9	0	0	76	97
	D. I. Khan	000	2	6	30	03	98	00	0	944	95	6	8	8	0	0	74	99
Quetta	Sibi	000	0	0	13	02	99	00	0	916	11	0	0	9	0	0	65	12
Kalat	Nokkundi	000	0	0	34	23	96	08	0	961	97	0	0	9	0	0	26	99
	Turbat	000	0	0	27	03	96	02	0	937	12	0	0	9	0	0	60	14
	Jiwani	000	0	7	25	19	96	05	3	979	95	7	0	9	2	0	77	88
	Pasni	000	0	0	25	23	95	07	4	967	07	0	0	9	0	0	80	93
Karachi Division	Ormara	000	0	7	27	14	94	03	2	961	87	0	1	6	0	1	80	90
	Lasbela																	
	Karachi (Manora)	000	0	6	35	13	96	03	2	968	86	6	6	4	0	0	77	89
	Karachi (Airport)	000	0	3	23	09	96	01	1	967	87	1	1	4	3	1	77	96
Hyderabad	Nagarparkar	000	0	5	31	01	97	00	0	936	95	0	5	7	0	0	80	01
	Umerkot	000	0	8	33	02	98	02	0	951	99	2	2	7	0	7	76	02
	Hyderabad	000	0	4	28	07	97	01	2	921	00	2	0	9	9	9	73	03
	Badin	000	0	0	23	02	97	09	0	974	96	0	0	9	0	0	76	01
Khairpur	Padidan	000	0	6	09	07	97	02	1	939	98	2	2	6	2	0	74	99
	Nawabshah	000	0	5	16	05	96	02	2	952	03	4	0	9	3	6	75	07
	Sukkur	002	0	8	16	10	93	32	2	941	01	0	0	9	0	0	73	08
	Kashmore																	
	Jacobabad	000	0	2	16	02	96	03	3	921	08	2	0	9	4	0	75	09
Junagadh	Veraval	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	6	00	00	97	02	2	393	82	2	2	6	3	0	64	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *	000	8	7	27	10	97	02	2	299	80	7	4	5	0	0	46	84
	Misgar **																	
	Aliabad *																	
	Gilgit *	003	1	8	00	00	98	02	2	442	79	8	5	7	8	0	67	85
Rawalpindi	Murree *	005	9	4	27	02	98	01	6	403	73	2	1	4	8	x	63	75
Peshawar	Drosh *	000	0	3	33	09	98	01	0	396	92	3	2	7	0	0	49	xx
	Cherat *	000	0	7	16	03	98	03	2	373	79	7	0	9	0	0	77	88
	Kakul *	027	3	1	29	03	98	01	6	410	80	1	1	7	0	0	71	84
	Landikotal *	0.0	8	2	13	07	99	03	0	319	84	1	1	7	7	0	69	98
	Parachinar *	000	0	4	00	00	99	01	2	456	69	4	1	9	1	0	62	xx
D. I. Khan	Miranshah *	000	0	6	05	05	98	03	2	409	89	6	4	8	0	0	72	91
	Wana *	000	0	5	00	00	95	01	1	503	87	5	1	9	0	0	62	92
Quetta	Fort Sandeman *	000	0	4	25	01	99	01	0	378	99	4	0	8	3	0	45	01
	Hindubagh *	000	0	0	25	09	97	00	0	369	93	0	0	9	0	0	63	95
	Loralai *	000	0	4	13	03	99	01	1	383	93	0	0	9	1	2	59	96
	Harnai *	0C0	0	3	23	09	97	03	0	382	00	2	1	5	1	0	61	01
	Quetta *	0C0	0	0	31	03	96	00	0	403	89	0	0	9	0	0	69	93
	Chaman *	000	0	0	27	07	98	00	0	409	95	0	0	9	0	0	30	96
	Nushki *	000	0	0	18	09	96	05	4	435	96	0	0	9	0	0	48	97
	Dalbandin *	000	0	0	11	05	93	05	4	425	01	0	0	9	0	0	53	03
Kalat	Kalat *	000	0	0	31	05	96	00	0	305	82	0	0	9	0	0	77	88
	Panjgur *	000	0	8	36	13	95	07	0	426	97	0	0	9	0	0	53	98
Afghanistan	Kabul *																	
	Kandhar *																	

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 1962 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1962 to date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	080	9	6	18	05	98	05	9	022	81	4	8	7	2	x	77	77	—	—	37.5	—	44.4	—
	Cox's Bazar	027	9	7	13	09	97	02	6	006	81	4	4	5	7	0	77	77	0	+ 1	75.7	— 0.9	86.4	142
	Chittagong	275	9	5	13	03	97	02	6	002	83	4	4	6	1	0	76	76	+ 3	0	96.7	+ 4.8	70.2	100
	Maijdee Court	009	9	6	18	01	97	03	2	012	83	2	3	5	3	x	77	79	+ 1	0	45.0	— 8.3	64.5	119
	Comilla	...																	+ 3					94
	Brahmanbaria	001	0	5	13	02	97	03	1	013	84	3	4	5	0	8	78	79	—	—	28.5	— 2.6	46.3	78
	Sylhet	120	6	8	00	00	96	51	6	013	80	7	7	4	2	0	79	77	—	+	61.1	—	87.8	—
	Srimangal	015	3	8	00	00	94	02	6	029	79	8	0	3	0	0	77	77		+ 1	—		—	90
Dacca	Mymensingh	035	2	8	00	00	97	61	6	027	79	8	5	3	0	0	79	78	0	0	32.5	— 6.4	57.5	91
	Narayanganj	090	9	7	12	03	97	03	2	009	85	7	4	2	0	0	79	83	+ 2	+ 3	35.1	— 4.3	63.2	74
	Dacca (Tezgaon)	144	1	7	15	02	97	17	9	000	82	7	3	4	3	2	80	79	—	—	35.2	—	4.00	—
	Faridpur	(03)	0	6	16	02	97	02	2	004	85	7	9	6	1	0	79	81	+ 3	+ 2	11.8	— 8.3	36.7	71
Khulna	Barisal	014	4	8	18	02	96	03	6	008	85	6	6	6	4	0	79	79	+ 1	+ 1	37.3	+ 8.4	48.9	87
	Khulna	347	8	7	00	00	96	03	2	007	83	7	5	4	0	0	80	80	—	+ 2	24.5	— 7.3	72.1	60
	Satkhira	000	0	7	00	00	96	03	2	023	84	4	4	4	2	0	81	81	+ 3	+ 3	28.7	— 4.0	85.9	66
	Jessore	025	9	8	09	03	97	03	6	006	85	8	7	5	0	0	81	89	—	—	18.0	— 10.6	37.7	65
Rajshahi	Pabna	220	9	7	13	05	98	01	9	054	83	4	3	7	7	0	81	77	—	—	28.1	—	46.6	58
	Sirajganj	018	x	6	03	00	97	02	2	009	84	8	1	5	2	0	81	78	+ 2	— 1	24.4	— 3.3	34.8	64
	Bogra	002	5	7	09	02	94	02	6	089	87	5	5	5	2	x	81	80	+ 3	+ 2	26.3	— 3.9	38.9	69
	Dinajpur	007	9	7	00	00	96	03	2	007	86	7	0	9	2	0	79	75	+ 4	— 4	—	—		73
	Rangpur	047	9	7	09	02	96	01	6	022	83	7	5	6	0	0	79	79	+ 4	+ 1	32.7	— 5.5	50.9	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	012	3	6	09	02	96	03	9	973	79	3	0	9	2	1	71	73	— 1	— 6	6.5	— 3.3	13.9	19
	Sialkot	000	0	8	05	02	97	02	0	971	83	6	5	8	x	x	77	80	— 1	+ 2	9.4	— 5.0	15.7	32
Rawalpindi	Jhelum	018	2	2	36	02	97	01	5	973	82	2	0	9	1	0	76	74	—	—	9.9	—	15.9	
	Rawalpindi	061	0	0	36	02	98	00	8	970	82	0	0	9	0	0	74	74	— 10	— 1	11.4	— 2.9	23.0	[illegible]
	Campbellpur	020	0	1	00	09	98	01	1	972	84	0	0	8	1	1	75	71	—	—	5.6	—	9.9	—
Sargodha	Khushab	000	3	6	05	07	98	01	2	977	83	6	0	9	6	0	74	83	— 3	+ 1	1.1	— 5.6	6.1	15
	Lyallpur	000	0	5	16	02	96	02	2	980	84	5	7	9	0	0	73	82	+ 1	+ 2	3.1	— 2.2	4.9	12
Multan	Montgomery	003	0	2	13	03	96	01	1	976	89	2	0	9	4	0	75	83	+ 1	+ 1	5.6	+ 0.5	8.1	10
	Multan	000	0	0	13	01	97	00	9	983	97	0	0	9	0	0	77	85	+ 8	—	1.5	—	3.3	7
	Leiah																							8
Bahawalpur	Khanpur	003	9	7	23	03	96	02	9	966	84	7	0	9	4	0	75	80	+ 3	— 1	3.3	— 0.3	4.3	6
	Bahawalpur	000	0	6	18	02	97	00	0	976	88	7	4	9	6	9	xx	88	+ 6	+ 7	2.4	— 1.0	3.1	6
	Fort Abbas	000	0	0	20	02	98	00	0	970	85	0	0	9	0	0	77	81	—	—	—	—	—	8
Peshawar	Chakdara	000	0	0	36	02	97	00	0	947	82	0	0	9	0	0	70	71	—	—	4.4	—	13.6	—
	Peshawar	000	0	3	14	05	97	01	1	969	86	1	5	6	0	1	79	81	— 6	+ 3	0.2	— 2.5	6.4	11
	Haripur	058	0	4	31	03	96	03	2	969	80	4	0	9	0	9	70	75	—	—	—	—	—	—
D. I. Khan	Bannu	000	0	8	0C	00	99	02	2	961	85	0	0	9	0	0	75	83	—	—	0.6	—	3.6	11
	D. I. Khan	000	2	3	C0	00	98	01	1	969	86	0	0	9	0	3	74	83	— 2	+ 2	0.6	— 3.1	3.5	9
Quetta	Sibi	000	1	6	C0	00	98	03	1	971	84	0	0	9	3	0	74	78	—	—	2.6	—	3.7	9
Kalat	Nokkundi	000	0	0	34	31	96	07	3	016	78	0	0	9	0	0	29	73	—	—	0	—	8.1	2
	Turbat	000	0	0	27	03	95	03	0	001	89	0	0	9	0	0	79	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	8	23	03	97	02	2	000	81	3	6	4	0	0	75	80	—	—	1.2	—	1.9	5
	Pasni	007	3	6	20	05	96	03	2	010	82	4	2	7	4	0	75	80	+ 4	+ 4	0	— 0.8	0.2	6
Karachi Division	Ormara	000	0	8	25	09	94	03	2	985	81	8	1	6	0	0	78	80	—	—	1.0	+ 0.3	2.0	8
	Lasbela																							8
	Karachi (Manora)	...																	+ 4					8
	Karachi (Airport)	003	0	6	33	C9	96	03	1	993	82	8	6	5	x	x	76	81	—	—	3.2	—	3.3	—
Hyderabad	Nagarparkar	000	0	7	27	01	97	00	0	984	85	0	7	7	0	0	78	69	—	—	4.0	—	4.0	—
	Umerkot	000	0	4	23	03	97	02	0	985	85	0	0	8	0	8	76	80	—	—	3.3	—	3.4	—
	Hyderabad	000	0	6	23	09	97	02	2	983	84	0	0	9	9	9	75	82	+ 7	+ 3	2.4	— 1.9	3.2	7
	Badin	000	0	0	23	02	97	00	0	007	84	0	0	9	0	0	77	81	+ 9	+ 3	2.3	— 2.4	2.9	9
Khairpur	Padidan	030	0	2	18	07	97	02	9	972	85	2	0	9	2	0	77	83	—	—	2.1	—	2.7	—
	Nawabshah	000	0	3	18	03	96	01	2	984	86	0	0	9	0	1	77	84	—	—	2.4	—	2.8	—
	Sukkur	020	9	6	16	03	97	03	6	967	85	6	0	9	6	0	78	80	—	—	1.1	—	1.1	4
	Kashmore																							—
	Jacobabad	0:0	0	3	05	02	96	01	2	970	89	0	0	9	0	0	79	86	+ 5	+ 4	0.1	— 1.6	1.0	4
Junagadh	Veraval	xxx	x	5	23	11	96	02	2	033	81	3	4	4	6	1	77	79		—	—	—	—	30
Afghanistan	Jalalabad																							4
Arabia	Muscat																							9
	Kuwait																							
	HILL STATIONS																							
Kashmir	Srinagar *	xxx	x	6	27	02	97	02	2	410	70	1	5	7	3	1	55	60	—	—	—			36
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							28
	Leh **																							3
	Skardu *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					8
Rawalpindi	Murree *	005	9	4	00	00	96	01	1	423	66	0	0	9	8	0	60	57	+ 1	0	18.8	— 3.3	37.2	59
Peshawar	Drosh *	001	3	6	05	12	96	95	9	428	71	6	9	6	0	0	51	71	×	—	4.3	—	16.2	18
	Cherat *	000	0	0	36	03	98	00	0	373	74	0	0	9	0	0	71	70	—	—	7.6	+ 1.0	31.8	29
	Kakul *	027	9	2	C9	03	95	05	1	422	76	1	2	6	0	1	67	65	—	—	19.9	—	35.5	—
	Landikotal *	000	0	1	00	00	97	02	1	406	80	1	1	7	8	0	71	74	—	—	0.5	—	13.2	—
	Parachinar *	000	0	0	00	00	98	03	2	425	71	6	1	8	1	0	63	60	×	—	—	—	—	29
D. I. Khan	Miranshah *	000	0	0	00	00	59	00	0	403	82	0	0	9	0	0	76	75	—	—	0.3	— 3.1	2.1	13
	Wana *	000	0	0	00	00	98	00	0	5 3	79	0	0	9	0	0	65	75	—	—	4.1	—	12.4	11
Quetta	Fort Sandeman *	034	1	6	00	00	98	01	6	426	78	6	0	8	3	0	62	73	+ 6	— 1	4.7	+ 1.1	9.4	11
	Hindubagh *	000	0	0	25	07	97	00	0	420	76	0	0	9	0	0	46	69	—	—	0.8	—	4.4	—
	Loralai *	000	0	4	34	02	99	02	0	416	75	0	0	9	1	2	63	68	—	—	1.1	—	5.2	9
	Harnai *	020	0	0	16	05	97	00	0	389	80	0	0	9	0	0	61	71	—	—	3.4	— 1.5	6.5	14
	Quetta *	000	0	0	23	07	98	00	0	425	80	0	0	9	0	0	33	73	—	—	0	— 0.1	1.3	9
	Chaman *	00C	0	0	23	07	98	00	0	425	80	0	0	9	0	0	30	79	— 4	— 1	0	— 0.1	1.3	8
	Nushki *	000	9	0	18	09	96	05	4	444	81	0	0	9	0	0	48	79	—	—	0	—	1.6	—
	Dalbandin *	000	9	0	07	07	93	05	4	333	83	0	0	9	0	0	34	78	— 5	+ 6	0	— 0.2	7.1	4
Kalat	Kalat *	000	0	0	31	03	96	00	0	430	70	0	0	9	0	0	66	60	— 3	+ 2	0.1	— 0.9	2.1	7
	Panjgur *	000	0	2	00	00	95	05	0	435	79	3	0	9	5	0	47	79	— 4	—	0.3	—	1.3	8
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 11th AUGUST, 1962.

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$_s$	OT$_s$T$_s$T$_s$T$_s$	Id$_w$d$_w$P$_w$H$_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dumra	63 253	554 00	8 10 10	98 0 28	995 90	80 9 00	35 4 00	...	00 0 84	11 3 22
Isselia	63 236	588 06	7 12 05	97 0 22	035 86	75 8 6x	36 2 04	...	00 2 01	11 2 x0
World Hill	63 132	591 06	8 12 15	98 0 22	030 86	85 5 2x	35 3 15	...	00 0 84	11 2 61
Isocardia	63 161	537 06	8 23 08	96 1 02	039 75	85 5 xx	16 0 12	...	05 8 79	12 3 11
World Hill	63 221	598 12	8 00 00	97 6 02	007 79	80 6 8x	45 6 08	...	03 8 73	10 8 x0
Isselia	63 223	599 12	8 18 06	97 0 22	015 79	80 7 2x	35 6 02	...	00 1 73	11 9 x0
Reyadhmaru	63 228	611 12	7 00 00	99 0 28	990 82	74 4 8x	36 7 10	...	00 8 xx	12 5 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 (HHHTTTT$_d$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	...	...	...	138 115 155	...	303 082 065	429 025 012	574 555 562	746 655 672	958 785	236 012	...	...
Jiwani ...														
Karachi ...	00 00	996 282 252	151 xxx xxx	...	137 215 172	...	307 125 102	434 032 512	580 532 572	760 630 999	974 765	248 940	...	...
Lahore ...	00 00	MISDA		...	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	956 282 248	...	...	138 225 999	...	305 138 999	433 085 999	581 508 999	765 595 999	975 665	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE St.HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	8 272 255	900 182 162	800 158 155	566 002 515	350 712 728	...	...	...	...	350 712 728	...	...
Jiwani ...													
Karachi ...	00 00	900 212 192	800 195 165	...	...	...	...	...	...	...	350 195 165	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	900 250 999	800 195 999	...	...	...	...	...	...	...	800 195 999	...	...
Quetta ...													

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ...	19 05	20 06	21 07	22 08	...	...	...	...	...	...	...	...			...
Chaklala ...	...	13 02	33 03	28 04	03 04	28 11	30 29	...	...	...	20 06	08 05	28 02	31 07	...
Chhor ...	22 09	23 09	19 06	14 10	11 05	10 09	08 09	12 07	11 08	23 13	24 15	21 13	14 29	08 12	04 21
Chittagong ...	21 18	22 15	22 14	...	...	...	...	...	...	15 08	15 07	11 07	09 00	07 03	11 10
Cox's Bazar ...	20 06	18 09		...	...	...	...	...	...	14 13	14 10	14 06		...	...
Dacca ...	18 08	21 10	21 09	21 06	21 08	...	...	...	...	14 08	14 07	13 07	23 01	...	...
Dalbandin ...	...	...	15 02	11 03	02 05	33 06	21 06	19 42	24 13	...	...	...	24 05	...	...
D.I. Khan ...	...	...	...	...		...			...	...	...	...			...
Drosh ...	...	...	...	...	22 12	20 14	17 11	13 02	28 07	...	...	...	23 01	23 01	20 03
Fort Sandeman ...	...	...	...	25 02	17 05	27 04	28 11	...		...	...	...	24 05	29 07	19 21
Jacobabad ...	16 07	17 06	18 06	12 04	09 05	01 05	35 03	08 04	24 09	23 11	27 04	29 03	31 13	19 06	19 13
Jessore ...	19 13	19 09	21 05	22 05	21 03	...				...	...	...	...		...
Jhelum ...	36 06	07 03	10 02	03 07	34 07	31 15	21 20	30 26	27 20	21 10	21 09	14 05	07 08	34 12	...
Jiwani ...	25 17	24 09	05 06	05 12	06 23					20 11	25 07	29 01	03 06	05 12	05 13
Karachi ...	28 12	24 09	14 05	10 08	08 09	10 12	11 10	13 04	89 11	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...	...	...	...	22 13	22 19	23 19	...	...	...
Lahore ...	01 06	01 10	02 06	02 06	34 09	34 11	34 13	31 17	29 17	05 13	05 17	02 08	31 11	29 15	28 18
Multan ...	14 03	15 03	15 04	20 04	27 04	...	...	...	...	22 10	23 13	25 25	24 13	...	...
Muscat ...	...	...	...			...	...	...	...	...	...	...			...
Panjgur ...	...	...	...	35 09	02 09	...	...	...	...	...	...	...	36 20	02 10	04 05
Peshawar ...	...	04 10	05 10	13 04	...	...	...	...	...	...	30 06	31 01	16 01	29 02	29 09
Quetta ...	...	...	...	...	31 19	34 04	28 04	...	...	...	...	...	...	26 05	30 05
Sharjah ...	...		...		...	...		...	...	...	...	...	...	...	...
Sylhet ...	01 01	24 04	23 04	24 05	20 04	14 01	...	...	...	No	Ascent	...	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Height in kms. a.s.l. →	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	10 19	10 19									
Chaklala ...	...	16 03	13 03	31 02	27 09	29 11	30 09	29 10	28 30	...	...
Chhor ...	21 10	22 12	20 20	20 17	08 07	08 04	15 07	12 05	33 14	01 08	18 06
Chittagong ...	14 10	14 15	16 16	14 17	13 24	12 17	...	...	...	...	...
Cox's Bazar ...	16 10	16 13	18 12	...							
Dacca ...	12 09	11 08	11 08	11 10	12 08	09 10	09 09	08 09	07 31	41 09	10 05
Dalbandin ...	...	...	09 09	06 06	25 04	22 07	25 15	26 13	26 40*	23 19	...
D.I. Khan ...	...	...	...	...							...
Drosh ...	...	...	...	...	23 02	23 05	06 11	05 06	02 04	01 04	...
Fort Sandeman ...	...	...	...	24 01	30 05	28 12	31 06				...
Jacobabad ...	28 03	24 05	25 05	25 04	14 04	08 08	06 10	35 04	31 05	03 12	09 18
Jessore ...	09 07	01 05	11 07	10 09	10 10						...
Jhelum ...	08 04	08 07	08 04	32 04	29 08	29 15	33 16	31 17	28 25	25 23	...
Jiwani ...	21 09	23 06	23 06	02 06	...	...	...	...	...	...	...
Karachi ...	25 13	27 14		...	...	...	...	...	...	...	...
Khanpur ...	22 29	36 13	25 12	27 07	18 05	31 03	...	...	...	...	...
Lahore ...	05 07	19 05	03 03	36 05	34 06	33 13	32 19	33 18	33 21	34 34	...
Multan ...	19 07	19 07	22 04	21 05	...	...	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	34 07	22 07	02 04	02 06	02 10	...	...	...
Peshawar ...	...	04 12	07 09	01 03	36 04	30 07	26 13	25 17	27 13	26 12	26 10
Quetta ...	...	...	...	...	27 02	28 08	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	18 02	13 04	10 09	08 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 ...	16 11	14 06	11 05	09 08	10 07	10 04	08 03	03 09	04 09	07 07	06 16			...	...	...	...	...
Karachi ...	25 19	27 19	27 18	27 12	31 02	07 12	07 15	03 12	06 10	14 10	18 05	21 05	24 08	...	...	...	...	...
Peshawar ...	...	29 07	33 04	07 03	02 02	33 05	33 10	32 10	31 17	30 23	28 28	28 23	28 32	...	...	...	...	...
Quetta ...																		

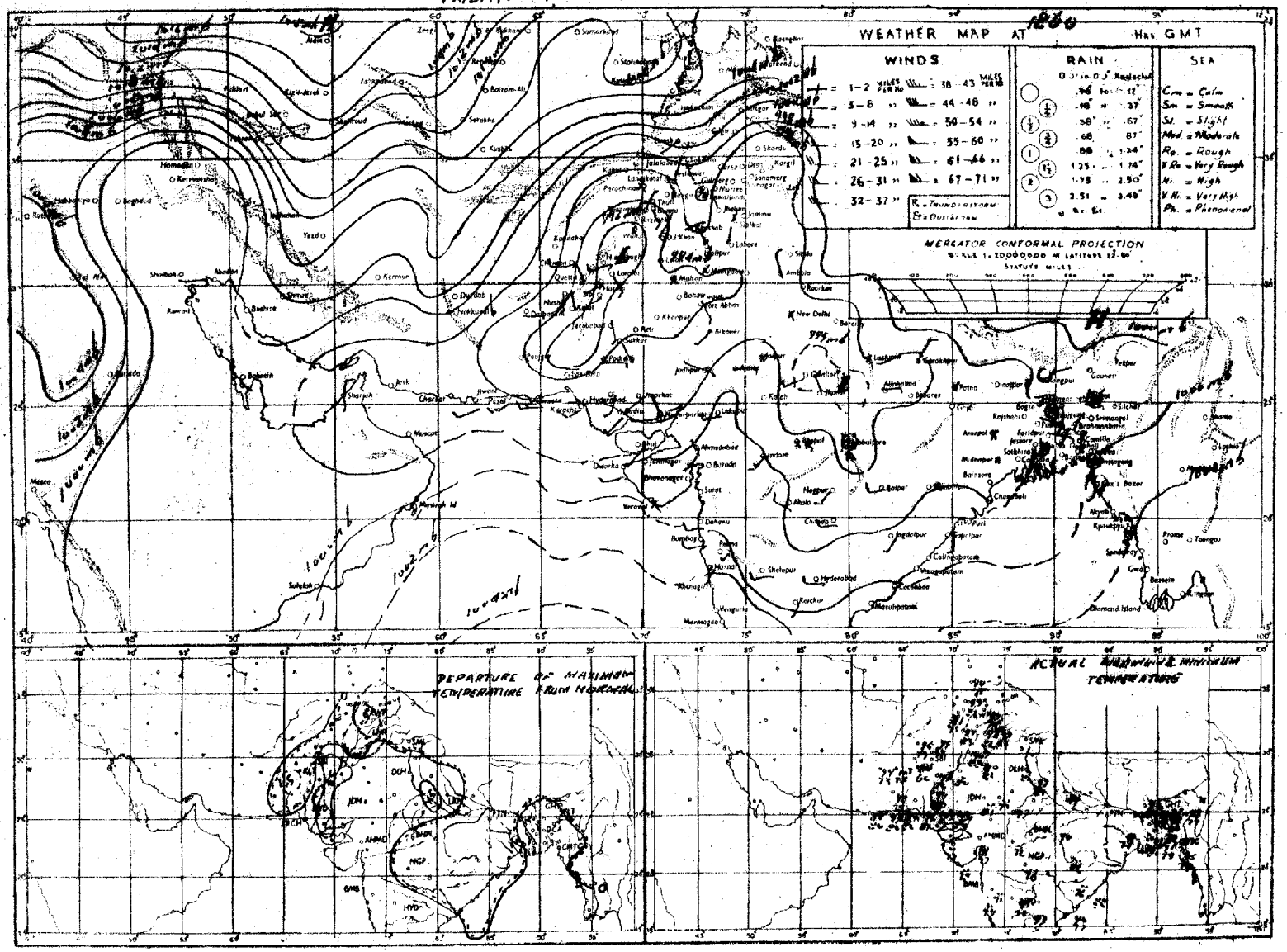
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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—21.

PAKISTAN DAILY WEATHER MAP

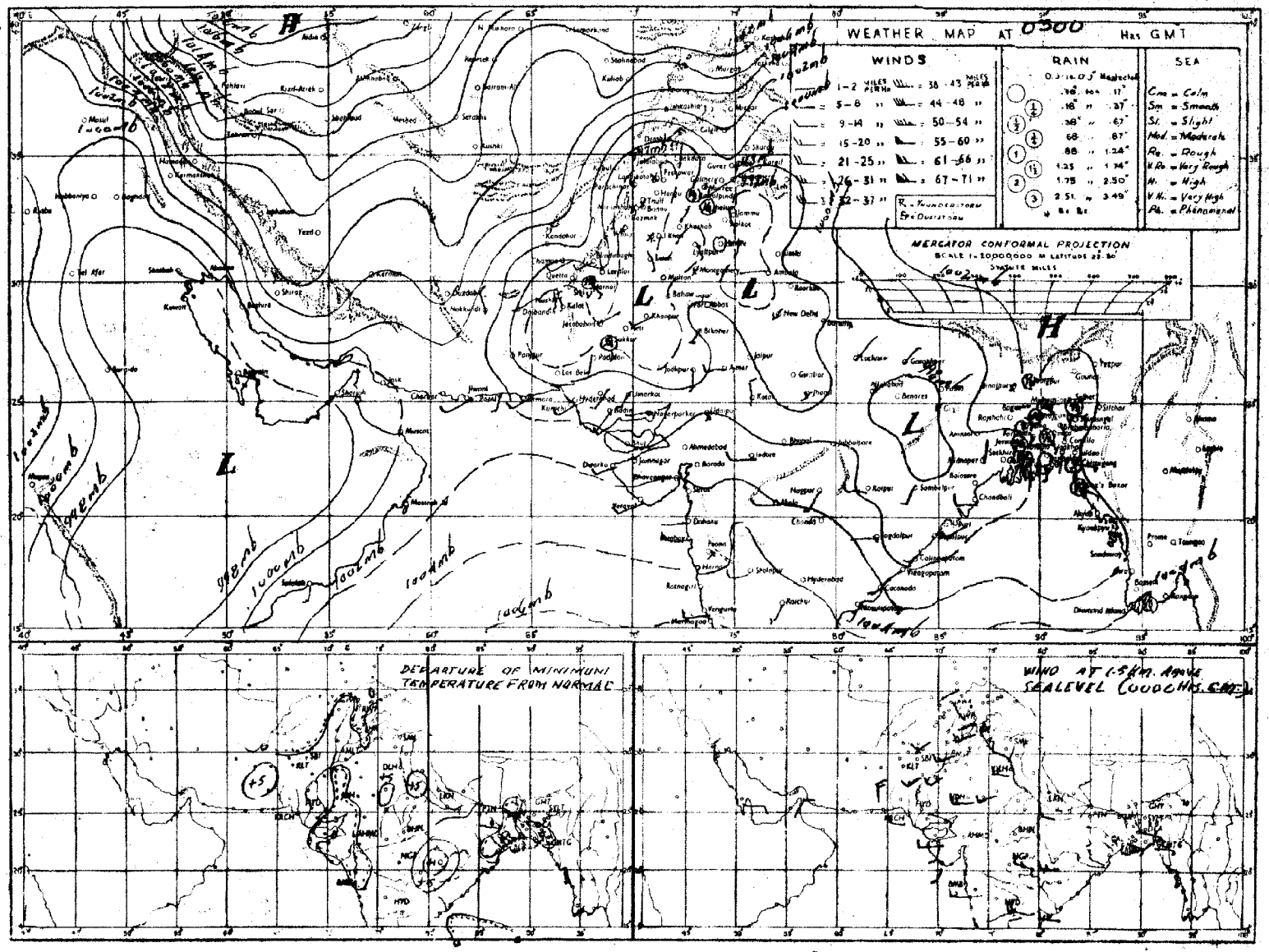
FRIDAY, 10th AUGUST, 1962



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

PAKISTAN DAILY WEATHER MAP

SATURDAY, 11th AUGUST, 1962.



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

Monthly Subscription

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

SUNDAY THE 12th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

The trough of low in the north Bay of Bengal is well marked and is shifting northwestwards.

Under its influence rain/thundershowers have been fairly widespread in Khulna division and local elsewhere in East Pakistan.

Yesterday's westerly low pressure wave over Peshawar and D. I. Khan divisions moved away eastwards; another lies oves Peshawar and Sargodha divisions.

The seasonal low over Kalat division and adjoining areas has become well marked and is enhancing the incursion of monsoon in shallow layers into the south-western areas of West Pakistan.

Scattered rain has fallen in Peshawar division. A few duststorms have also been reported from Sargodha and Peshawar divisions.

Chief amounts of rainfall are :—Srimangal (upto 11,1200 G.M.T.) and Mymensingh 3/4" each ; Barisal 1/2" and Chittagong, Brahmanbaria, Sylhet, Pabna and Cherat 1/4" each.

Day temperatures were 3—6 °F (2—3 °C) below normal in Bahawalpur, Quetta and northern Kalat divisions and to the same extent above normal in Hyderabad division.

Forecast valid until the evening of 13th August, 1962 :—Rain/thundershowers will be fairly widespread in East Pakistan, local in Kashmir and scattered in Lahore, Rawalpindi and Peshawar divisions. A few thunderstorms may also occur in Sargodha and Quetta divisions and light rain/drizzle will fall in coastal Kalat and Karachi divisions.

Heavy rainfall warning :—Locally moderate to heavy rain will fall in the southern districts of East Pakistan during next 48 hours.

Karachi-11
The 12th August, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	000	0	7	:8	02	96	05	2	003	83	5	7	6	2	x	78	89
	Cox's Bazar	003	x	x	xx	xx	97	02	6	975	82	6	9	5	7	x	77	86
	Chittagong	021	4	7	13	03	97	02	6	977	82	4	5	6	2	0	79	86
	Maijdee Court	000	9	8	13	05	97	03	2	979	84	2	5	5	2	x	78	87
	Comilla	000	8	8	00	00	96	02	2	962	84	8	4	5	x	x	80	88
	Brahmanbaria	031	1	6	13	02	97	21	6	981	82	3	5	5	2	0	81	89
	Sylhet																	
	Srimangal	080	1	8	00	00	93	17	6	984	78	8	4	3	0	0	77	90
Dacca	Mymensingh	075	0	6	00	00	97	02	6	983	85	6	4	4	0	0	81	98
	Narayanganj	000	9	8	13	03	96	02	2	978	86	6	4	3	7	x	77	91
	Dacca (Tejgaon)	000	9	7	13	02	98	02	9	970	87	4	9	4	3	x	79	89
	Faridpur	000	0	8	16	05	96	02	2	974	84	6	6	4	6	1	79	89
Khulna	Barisal	032	4	6	13	05	97	02	6	977	85	4	7	6	4	0	79	98
	Khulna	015	4	6	00	00	97	01	6	976	84	6	4	4	0	0	78	89
	Satkhira	000	0	7	00	00	96	03	2	988	83	4	4	4	2	0	80	91
	Jessore	000	0	7	18	03	96	03	2	971	85	7	8	5	0	0	78	88
Rajshahi	Pabna	090	0	7	13	05	99	03	2	964	85	2	5	6	7	0	79	89
	Sirajganj	007	1	6	00	00	97	02	5	970	82	6	7	5	0	0	79	89
	Bogra	000	7	6	00	00	96	02	6	974	85	1	3	6	1	8	78	87
	Dinajpur	009	7	5	00	00	96	01	6	972	85	2	5	4	1	9	79	88
	Rangpur	015	5	5	09	02	96	01	5	973	87	3	2	3	2	0	83	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	5	00	00	96	02	2	926	98	0	0	9	0	6	75	01
	Sialkot	000	0	0	31	02	99	00	0	944	96	0	0	9	0	0	81	97
Rawalpindi	Jhelum	000	3	1	00	00	97	01	1	924	96	1	9	4	0	0	75	98
	Rawalpindi	000	0	4	05	03	96	01	4	920	92	4	3	6	0	0	77	95
	Campbellpur	000	0	6	00	00	97	02	2	928	96	2	2	8	1	1	75	96
Sargodha	Khushab	000	0	3	00	05	96	05	0	926	01	3	0	9	1	0	83	C2
	Lyallpur	000	0	4	16	C2	96	02	3	931	01	6	7	8	0	0	74	01
Multan	Montgomery	000	0	0	00	00	96	02	0	924	00	0	0	9	0	0	76	03
	Multan	000	0	3	00	00	97	01	1	927	99	3	0	9	3	0	75	00
	Leiah	000	0	3	23	02	97	03	0	957	05	0	2	8	0	0	75	10
Bahawalpur	Khanpur	000	0	5	23	05	96	02	2	931	98	5	0	9	3	0	75	99
	Bahawalpur	000	0	4	27	02	97	00	0	xxx	96	4	0	9	0	0	77	98
	Fort Abbas	000	0	0	23	02	98	00	0	925	02	0	0	9	0	0	79	04
Peshawar	Chakdara	000	0	4	36	02	97	03	1	933	90	4	0	9	3	0	73	93
	Peshawar	000	0	0	00	00	96	03	0	923	95	4	9	6	3	0	80	98
	Haripur	000	4	5	23	01	95	02	1	929	91	5	8	9	7	7	77	93
D. I. Khan	Bannu	000	0	0	18	02	92	03	2	927	90	0	0	9	0	0	68	97
	D. I. Khan	000	0	0	30	00	98	00	2	928	01	0	0	9	0	0	77	01
Quetta	Sibi	000	0	0	01	02	98	00	0	929	03	0	0	9	0	0	71	(5
Kalat	Nokkundi	000	0	0	34	10	97	07	0	944	09	0	0	9	0	0	21	00
	Turbat	000	0	0	27	03	95	02	0	937	03	0	0	9	0	0	75	03
	Jiwani	000	0	8	23	16	96	03	2	979	85	2	6	4	2	x	79	07
	Pasni	000	6	4	23	24	96	02	1	983	86	0	0	9	3	0	81	90
Karachi Division	Ormara	000	0	4	25	14	94	03	2	971	87	4	1	6	0	1	77	89
	Lasbela	000	0	3	00	00	98	03	0	080	96	3	0	9	3	0	82	01
	Karachi (Manora)	000	0	6	35	14	96	03	2	976	85	0	0	9	0	4	78	88
	Karachi (Airport)	000	0	5	35	10	96	01	2	977	87	1	5	5	0	6	75	90
Hyderabad	Nagarparkar	000	0	3	31	02	97	00	0	944	93	0	3	7	0	0	82	95
	Umerkot	000	0	0	27	04	98	02	0	953	98	1	2	7	0	8	74	02
	Hyderabad	000	0	3	20	10	97	01	2	966	95	3	0	9	9	0	73	98
	Badin	000	0	0	23	02	97	00	0	993	96	0	0	9	0	0	82	99
Khairpur	Padidan	000	0	3	13	09	97	02	0	931	03	3	2	6	0	0	73	05
	Nawabshah	000	0	3	18	03	98	03	0	946	02	0	0	9	0	2	94	04
	Sukkur	000	8	3	23	02	97	01	1	928	02	3	0	9	6	0	79	02
	Kashmore	000	0	0	00	00	99	00	0	953	04	0	0	9	0	0	69	08
	Jacobabad	000	0	0	18	02	97	01	0	923	03	0	0	9	0	0	92	05
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **	xxx	x	8	32	03	96	02	2	977	81	2	5	5	2	x	73	xx
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	C	8	13	C2	95	03	1	406	70	8	5	2	x	x	64	74
Peshawar	Drosh *	...	—	...	—	—	—	—	—	—	...	...	—	—	...	—	—	...
	Cherat *	031	6	8	18	05	98	03	2	352	78	8	8	6	8	0	71	£8
	Kabul *	000	8	4	13	05	95	05	1	424	81	4	4	7	0	0	69	xx
	Landikotal *	000	9	7	13	C5	97	03	1	389	67	7	0	9	7	x	66	91
	Parachinar *	000	0	4	13	02	99	02	2	418	78	4	1	9	0	0	62	81
D. I. Khan	Miranshah *	000	0	6	05	C5	98	03	2	406	85	6	4	8	0	0	72	93
	Wana *	000	0	5	13	03	97	01	1	509	86	5	0	9	8	0	64	92
Quetta	Fort Sandeman *	000	0	5	29	01	99	03	0	377	96	5	0	8	3	0	40	98
	Hindubagh *	000	0	7	27	14	97	00	0	378	86	0	0	8	8	0	73	88
	Loralai *	000	0	7	20	03	98	01	2	383	91	0	4	8	2	1	56	94
	Harnai *	000	0	8	16	09	97	03	0	382	95	5	8	5	7	0	57	96
	Quetta *	000	0	6	31	03	96	02	0	396	84	6	3	5	0	0	65	88
	Chaman *	000	0	4	27	05	98	01	0	398	94	4	0	9	2	0	39	95
	Nushki *	000	9	0	18	05	96	05	4	434	94	0	0	9	0	0	48	95
	Dalbandin *	000	8	2	23	03	94	05	4	419	99	2	0	9	0	0	37	66
Kalat	Kalat *	000	0	0	27	03	97	00	0	406	81	0	0	9	0	0	77	84
	Panjgur *	000	0	0	31	07	95	06	0	419	96	0	0	9	0	0	32	98
Afghanistan	Kabul *																	
	Kandhar *																	

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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	4	09	05	98	05	1	024	87	1	4	7	4	1	75	80	—	—	37.5	—	44.4	—
	Cox's Bazar	002	0	6	11	13	97	03	2	006	83	7	5	4	2	x	77	77	+ 1	+ 1	75.7	— 2.0	88.5	143
	Chittagong	021	0	4	13	09	97	01	1	006	85	3	2	6	3	0	74	78	+ 1	+ 2	56.9	+ 4.3	70.4	108
	Maijdee Court	001	9	3	09	07	98	01	0	011	85	0	8	9	2	0	74	80	+ 1	+ 1	45.0	— 9.1	64.3	115
	Comilla	000	0	8	18	05	97	02	2	000	88	8	4	4	x	x	77	79	+ 1	+ 2	—	—	—	94
	Brahmanbaria	031	0	5	13	05	97	03	F	019	87	2	5	5	0	5	83	86	—	—	28.8	— 2.8	46.8	78
	Sylhet	025	9	7	09	05	96	03	9	019	84	3	8	6	6	1	80	77	—	—	61.3	—	87.5	—
	Srimangal	...	...	—	...	...	...	...	—	...	...	...	...	...	...	...	...	...		0				98
Dacca	Mymensingh	075	0	4	13	02	97	02	1	076	87	4	4	4	0	0	79	77	+ 0	— 1	33.3	— 6.2	38.3	97
	Narayanganj	000	9	6	11	05	97	03	2	012	89	2	4	2	0	8	79	82	+ 4	+ 3	28.1	— 5.3	42.2	74
	Dacca (Tejgaon)	000	9	5	09	09	97	01	2	011	86	4	8	4	0	1	76	81	—	—	25.2	—	4.00	—
	Faridpur	000	0	8	16	05	97	02	2	019	86	6	5	6	1	0	77	79	+ 2	0	21.8	— 4.4	36.7	71
Khulna	Barisal	042	0	4	09	05	97	03	6	075	82	4	0	9	0	0	79	79	+ 1	+ 1	37.7	+ 8.5	44.3	81
	Khulna	015	0	6	13	15	97	03	2	003	83	6	5	5	0	0	78	79	+ 2	+ 1	24.6	— 7.5	38.2	68
	Satkhira	000	0	7	09	02	96	03	2	027	84	4	4	4	2	0	76	79	+ 3	+ 1	28.7	— 1.4	35.9	68
	Jessore	012	4	8	19	07	96	03	6	003	xx	x	x	x	x	x	xx	xx	—	—	18.1	—10.9	27.8	65
Rajshahi	Pabna	078	5	5	09	05	98	01	6	007	83	5	7	6	0	0	79	77	—	—	28.3	—	46.8	59
	Sirajganj	016	x	7	07	00	98	07	2	016	86	7	4	6	0	0	78	79	+ 2	0	24.8	— 3.5	37.0	64
	Bogra	007	9	7	09	02	96	03	2	020	85	6	4	6	3	0	80	81	— 1	+ 3	26.3	— 4.3	38.9	69
	Dinajpur																		— 1					72
	Rangpur	015	0	4	69	02	96	01	2	026	88	2	2	6	1	0	80	80	+ 1	+ 2	32.9	— 5.8	54.1	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	95	05	0	470	89	0	0	9	0	0	77	79	+ 3	0	6.5	— 2.3	13.9	19
	Sialkot	000	0	0	05	05	99	00	0	981	88	0	0	9	0	0	81	87	+ 3	+ 9	9.4	— 5.3	15.7	32
Rawalpindi	Jhelum	000	0	0	00	00	97	01	0	968	89	0	0	9	0	0	79	83	—	—	9.9	—	15.9	—
	Rawalpindi	000	0	0	05	02	98	00	0	973	86	0	0	9	0	0	76	79	+ 1	+ 4	11.4	— 2.6	23.0	36
	Campbellpur	000	0	0	13	01	97	00	2	939	87	0	0	9	0	0	75	81	—		5.6	—	5.9	—
Sargodha	Khushab	000	0	0	00	00	96	05	4	967	89	0	0	9	0	0	84	84	+ 2	+ 3	1.1	— 5.7	6.1	15
	Lyallpur	000	0	0	16	02	96	00	0	958	89	0	0	9	0	0	79	86	+ 3	+ 6	3.1	— 2.4	6.9	12
Multan	Montgomery	000	0	0	16	03	96	02	0	969	90	0	0	9	0	0	77	85	+ 2	+ 3	5.6	+ 0.3	8.1	10
	Multan	000	0	2	10	00	97	02	0	959	89	0	0	9	0	1	76	86	+ 1	+ 3	0.3	— 3.1	2.0	7
	Leiah	090	9	2	07	03	97	10	0	968	91	0	0	9	5	0	61	71	—		1.5	—	3.3	8
Bahawalpur	Khanpur	000	0	5	23	05	96	02	2	975	95	2	0	9	3	4	75	83	— 4	+ 2	3.3	— 0.3	4.3	6
	Bahawalpur	...	...	...	...	...	...	...	...		...		...		...	...	...	...	— 3					6
	Fort Abbas	000	0	0	02	02	98	00	0	973	90	0	0	9	0	0	78	85	—	—	0.6	—	0.9	8
Peshawar	Chakdara	000	0	0	36	01	97	00	0	967	77	0	0	9	0	0	65	71	—	—	4.4	—	13.6	—
	Peshawar	000	0	0	36	02	97	02	0	975	80	0	0	9	0	0	73	81	0	+ 2	0.2	— 2.6	6.8	11
	Haripur	000	0	0	05	01	95	00	0	xxx	80	0	0	9	0	0	71	77	—		11.1	—	17.7	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	963	87	0	0	9	0	0	72	80	—	—	0.6	—	3.6	11
	D. I. Khan	000	0	1	00	00	98	00	0	962	89	0	0	9	0	0	78	84	+ 1	+ 3	0.6	— 3.2	3.5	9
Quetta	Sibi	000	1	6	(5	02	98	03	1	966	90	0	0	9	3	0	76	81	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	0	0	34	05	98	02	0	996	84	0	0	9	0	0	33	77	—	—	0	—	0.1	2
	Turbat	000	0	0	31	03	96	06	0	002	85	0	0	9	0	0	79	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	7	23	07	97	03	2	016	81	3	4	4	3	0	74	80	—	—	1.2	—	1.9	5
	Pasni	000	3	9	25	14	96	04	1	014	81	9	4	7	0	0	78	81	+ 2	+ 5	0	— 0.9	0.3	6
Karachi Division	Ormara	000	0	4	25	09	94	03	2	0 5	82	4	1	6	0	0	76	80	—	—	1.0	+ 0.3	2.0	6
	Lasbela	...	—		—	—	...	—	—		...		...	—			...	—	—					8
	Karachi (Manora)	000	0	7	27	14	96	03	2	002	81	7	6	4	0	0	74	79	+ 3	0	3.0	— 1.7	3.0	8
	Karachi (Airport)	000	0	6	35	10	96	01	2	004	82	6	6	4	0	0	75	xx	—	—	3.2	—	3.2	—
Hyderabad	Nagarparkar	000	0	4	27	03	97	00	0	999	83	0	4	7	0	0	76	89	—	—	4.0	—	4.9	—
	Umerkot	000	0	0	23	05	97	02	0	992	85	0	0	9	0	0	75	80	—	—	3.3	—	3.4	—
	Hyderabad	000	0	3	23	10	97	03	0	984	86	3	5	6	0	0	73	81	+ 3	+ 2	2.4	— 2.0	3.2	7
	Badin	000	0	0	23	02	97	00	0	998	84	0	0	9	0	0	75	81	+ 7	+ 2	2.3	— 2.6	2.9	9
Khairpur	Padidan	000	0	2	13	17	97	03	0	969	85	0	0	9	0	1	73	81	—	—	2.1	—	3.7	—
	Nawabshah	000	0	4	13	09	97	02	0	978	86	0	0	9	0	1	71	82	—	—	2.4	—	2.8	—
	Sukkur	000	9	3	20	03	97	01	1	970	85	0	0	9	0	3	75	83	—	—	1.1	—	1.1	4
	Kashmore	000	0	0	00	00	99	00	0	948	82	0	0	9	0	0	65	75		—	0.5		0.5	—
	Jacobabad	000	0	4	13	05	96	03	0	970	87	0	0	9	0	0	82	85	+ 1	+ 3	0.1	— 1.7	1.0	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					24
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							8
Rawalpindi	Murree *	000	9	6	27	05	96	02	1	428	65	4	5	5	6	0	56	63	+ 3	+ 3	10.8	— 4.0	37.2	50
Peshawar	Drosh *	000	8	4	00	00	98	01	2	430	74	4	0	9	4	0	61	71	—	—	4.3	—	16.2	18
	Cherat *	021	0	8	36	03	98	00	0	373	73	0	0	9	0	0	69	70	—	—	7.8	+ 0.9	32.0	29
	Kabul *	000	0	0	31	02	96	05	0	425	78	0	0	9	0	0	67	71	—	—	20.0	—	35.5	—
	Landikotal *	000	9	0	00	00	97	00	3	408	81	0	0	9	0	0	65	71	—	—	0.5	—	82.2	—
	Parachinar *	000	C	2	00	00	99	00	0	415	67	2	0	9	1	0	49	69	—	—	—	—	—	29
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	408	79	0	0	9	0	0	65	74	—	—	0.3	— 3.1	3.1	13
	Wana *	000	0	0	00	00	98	00	0	513	77	0	0	9	0	0	55	68	—	—	4.1	—	13.4	11
Quetta	Fort Sandeman *	000	0	0	09	00	97	02	0	436	81	0	0	9	0	0	39	74	— 1	0	4.7	+ 1.0	9.4	11
	Hindubagh *	000	0	0	25	10	97	00	0	408	75	0	0	9	0	0	54	65	—	—	0.8	—	4.6	—
	Loralai *	000	0	0	27	02	99	00	0	427	77	0	0	9	0	0	41	67	—	—	1.1	—	5.2	9
	Harnai *	000	0	0	00	00	97	00	0	386	82	0	0	9	0	0	65	78	—	—	3.4	— 1.1	6.5	14
	Quetta *	000	0	0	00	00	96	00	0	437	73	0	0	9	0	0	57	62	—	—	0	— 0.9	4.2	9
	Chaman *	000	0	0	13	05	98	00	0	434	80	0	0	9	0	0	30	69	— 4	— 5	0	— 0.1	1.3	8
	Nushki *	000	0	0	00	00	98	02	0	463	81	0	0	9	0	0	52	81	—	—	0	—	1.6	—
	Dalbandin *	000	9	0	05	02	94	05	0	433	79	0	0	9	0	0	39	71	— 5	+ 1	0	— 0.2	7.1	4
Kalat	Kalat *	000	0	0	09	02	98	00	0	442	72	0	0	9	0	0	68	52	— 6	— 6	0.1	— 0.9	2.1	7
	Panjgur *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				8
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 on RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 12th AUGUST, 1962.

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$N_sC_hs_hs_h$	$0_sT_wT_wT_dT_d$	$I_wd_wP_wH_w$
1				2	3	4	5	6	7	8	9	10	11
ARABIAN SEA													
Caresl	...	...	...	73 133	592 00	8 16 02	97 0 32	965 85	xx x xx	25 6 15	—	00 0 79	11 6 xx
Caledona	...	...	...	73 249	663 00	1 25 13	98 0 30	991 81	2x 9 2x	33 7 03	...	00 7 77	12 5 x3
Dumra	...	...	...	73 244	603 00	0 08 10	98 0 22	976 81	9x x xx	45 2 02	...	05 1 77	11 8 22
Rayadhmaru	...	...	...	73 207	638 00	1 24 06	97 0 20	995 79	11 4 00	36 7 03	—	00 4 xx	12 4 32
Strathadon	...	...	...	73 177	606 00	8 25 18	98 0 22	015 79	78 4 xx	64 6 05	...	05 5 76	12 5 23
Chakrata	...	...	...	73 247	618 06	8 23 09	97 0 22	022 82	00 9 00	25 2 11	...	05 5 76	12 0 22
Asopcali	...	...	...	73 103	642 06	7 21 18	98 0 12	068 82	35 4 82	36 2 00	...	00 4 34	12 2 35
Arabistan	...	...	...	73 146	526 06	0 18 04	96 0 94	022 70	00 9 00	24 0 76	...	00 3 73	11 8 21
Rayadhmaru	...	...	...	73 197	653 06	7 20 06	98 0 32	020 82	41 4 0	36 7 10	...	00 4 xx	12 0 32
Alfredfraissinet	...	...	...	73 215	596 06	2 18 06	97 0 20	013 77	10 6 41	—	86 2 11	00 0 73	11 8 21
Tandia	...	...	...	73 208	592 06	3 10 08	96 0 31	012 76	00 7 06	98 1 30	—	00 1 08	08 1 12
Indra	...	...	...	73 185	373 06	3 23 07	98 0 30	029 76	30 3 30	53 0 05	—	05 4 73	12 0 x1
Kaltan Raanis	...	...	...	73 225	600 06	8 46 16	98 0 02	000 90	90 6 00	—	...	00 0 76	11 5 21
Alfredfraissinet	...	...	...	73 223	603 12	8 18 10	97 0 22	001 77	30 5 27		06 8 12	00 0 76	11 8 x0
Rayadhmaru	...	...	...	73 186	666 12	8 24 16	97 0 22	030 86	62 4 1x	26 4 00	...	00 8 xx	12 4 33
Caltexd Fernis	...	...	...	73 232	587 12	2 18 06	07 0 21	090 87	38 8 00	35 0 48	...		11 8 44
Alfr fraissinet	...	...	...	73 230	595 12	6 14 17	97 0 22	985 85	80 5 3x	76 7 17	7x x 00	00 8 76	11 4 21
Caledonia	...	...	...	73 223	636 12	4 24 15	98 0 21	074 85	21 5 05	56 7 12	—	05 5 76	12 4 x4
Inocardia	...	...	...	73 221	599 12	2 18 10	86 0 61	095 81	00 9 00	16 7 10	...	00 4 76	11 9 20
Chupra	...	...	...	73 247	647 12	5 23 12	98 0 31	004 82	11 4 00	65 7 15	...	05 4 76	12 3 31
Azapintan	...	...	...	73 958	537 13	1 23 15	96 0 51	000 77	24 7 15	65 7 15	...	[illegible]	08 3 12
Chakrata	...	...	...	73 248	648 18	8 18 05	98 0 22	018 81	42 6 07	24 1 18	...	05 3 77	11 8 21
Chupra	...	...	...	73 247	633 18	8 25 09	07 0 02	000 00	65 8 10	65 1 24	...	00 4 78	11 4 08
Dwarka	...	...	...	73 248	665 18	4 24 10	98 0 30	004 82	46 8 00	85 7 00	...	00 0 81	12 4 33
Dumra	...	...	...	72 249	638 18	3 25 10	99 0 12	050 82	30 x 60	27 1 30	...	00 5 79	12 2 23
Arabistan	...	...	...	73 161	546 18	0 23 15	97 0 50	025 74	00 9 00	24 3 10	...	00 1 70	13 3 32
British Reliance	...	...	...	73 211	617 18	6 18 09	98 0 32	015 78	41 5 97	—	...	—	...

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
			HHHTTTTdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	...	—	—	140 252 225	...	314 155 118	440 103 058	591 058 002	770 521 892	995 605	—	—	...
Ishwardi ...														
Karachi ...	00 00	996 272 242	513 xxx xxx	...	143 218 195	...	306 115 075	434 065 009	581 515 558	756 418 648	971 755	—	...	—
Lahore ...														
Multan ...														
Peshawar ...	00 00	956 282 205	..	...	139 258 198	...	307 170 990		—	...	—	...	...	...
Quetta ...	00 00	835 180 038	—	—	—	...	310 090 990	435 515 995	...	—	—	—	—	—

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	999 272 235	945 255 235	908 285 232	900 255 232	800 222 192	432 002 435	350 562 648	329 572 662	010 282 442	010 282 442	—	—
Ishwardi ...													
Karachi ...	00 00	900 225 202	800 205 125	—	—	...	—	—	—	...	800 205 125	...	—
Lahore ...													
Multan ...													
Peshawar ...	00 00	900 202 205	800 222 212	...	—	—	—	—	—	—	800 222 212	—	..
Quetta ...	00 00	800 200 xxx	—	...	—	...	—	—	—	...	800 200 xxx	—	—

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ...	17 04	13 08	13 08	17 11	11 17	13 12	13 08	07 11	09 15	12 09	12 15	12 18	11 13	11 15	11 15
Chaklala ...	...	06 06	02 04	25 03	25 07	30 06	...	...	...	—	11 11	13 12	04 02	19 04	25 07
Chhor ...	22 17	23 14	23 21	24 11	08 03	23 03	29 09	29 09	34 09	23 19	24 27	24 27	22 13	26 03	06 09
Chittagong ...	16 08	16 13	16 12	—	—	...	...	—	...	14 15	14 23	15 25	14 19	14 17	14 17
Cox's Bazar ...	14 16	14 23	14 27	...	...	...	...	...	—	14 20	14 27	15 25	15 28	—	...
Dacca ...	14 10	14 07	14 08	14 12	13 11	12 15	10 17	12 14	12 15	...	...	...	...	...	...
Dalbandin ...	...	—	23 04	25 09	23 04	22 05	27 19	25 19	25 20	—	...	07 06	35 14	33 11	29 13
D. I. Khan ...	—	—	—	...	...	...	...	...	...	—	...	...	...	...	...
Drosh ...	...	—	...	...	23 11	21 09	20 12	...	...	—	—	...	22 02	24 02	27 03
Fort Sandeman ...	...	...	...	20 03	20 06	22 11	...	...	...	...	...	...	33 03	27 06	26 10
Jacobabad ...	20 25	20 13	18 09	20 09	22 03	02 03	35 08	02 12	36 13	19 17	20 12	22 06	35 06	35 07	36 08
Jessore ...	10 01	11 10	13 09	10 10	...	...	...	...	...	10 09	...	...	...	...	...
Jhelum ...	02 01	28 02	27 04	31 07	32 11	31 11	30 09	27 21	27 20	13 09	19 10	19 06	23 03	28 09	33 10
Ishwardi ...	21 11	24 09	15 04	03 04	...	...	...	...	...	21 10	25 08	29 08	...	...	...
Karachi ...	26 15	26 18	25 17	32 10	36 03	07 07	01 08	34 04	07 02	...	...	...	...	—	...
Khanpur ...	22 13	24 13	24 17	25 17	24 07	32 06	04 10	09 04	...	23 15	23 22	23 21	26 23	29 20	—
Lahore ...	32 05	32 07	29 06	28 10	28 21	31 10	31 19	32 27	34 23	18 09	21 08	25 05	28 06	32 03	29 09
Multan ...	21 06	20 05	21 07	24 07	26 04	31 11	...	...	—	22 15	23 23	24 26	25 23	...	—
Muscat ...	...	...	...	...	...	...	—	...	...	—	—	...	...	...	...
Panjgur ...	...	...	...	01 04	02 04	...	...	...	...	...	...	...	34 13	34 17	36 15
Peshawar ...	...	06 09	13 05	16 09	24 04	21 04	26 09	...	—	...	09 20	09 04	20 01	17 02	74 09
Quetta ...	...	—	...	...	28 09	29 07	...	...	...	...	...	...	—	29 04	31 CE
Sharjah ...	...	...	—	...	...	...	—	...	...	...	...	...	...	—	...
Sylhet ...	20 03	18 03	12 05	10 11	10 14	12 15	—	...	...	11 08	11 02	07 02	06 04	11 04	11 09
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 ...	10 13	10 16	12 21	11 23	10 21	09 23	...	...	...	...	...
Chaklala ...	...	12 04	13 02	26 02	30 06	32 09	26 17	...	...	...	...
Chhor ...	22 26	23 25	23 21	...	...	...	...	...	...	...	...
Chittagong ...	15 13	15 21	16 23	—	—	—	...	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	—	—	...	...	...
Dacca ...	16 15	10 15	13 22	13 28	13 87	13 22	14 21	14 21	14 16	14 16	13 25
Dalbandin ...	—	—	08 04	36 05	36 07	29 15	26 15	24 25	25 13	...	...
D. I. Khan ...	...	...	...	—	...	...	...	...	...	...	...
Drosh ...	...	...	—	...	22 04	22 08	20 09	18 07	21 06	20 09	19 11
Fort Sandeman ...	...	...	...	01 05	27 03	25 05	23 12	...	...	...	...
Jacobabad ...	17 04	19 04	11 03	12 04	01 08	01 08	04 11	07 12	07 10	11 11	xx xx
Jessore ...	09 13	12 09	15 03	—	—	..	...	—	...	...	...
Jhelum ...	...	—	...	...	...	—	...	...	...	...	...
Ishwardi ...	21 07	...	...	...	...	...	...	—	...	...	...
Karachi ...	26 16	27 19	—	...	...	...	...	...	...	...	...
Khanpur ...	21 13	23 17	25 16	24 09	25 04	25 04	07 08	18 06	24 04	...	...
Lahore ...	22 03	28 03	26 01	25 03	24 03	31 05	35 12	34 21	33 21	—	...
Multan ...	22 10	22 09	22 06	15 03	21 06	32 03	..	—	—	...	...
Muscat ...	—	—	...	...	...	...	...	...	...	...	...
Panjgur ...	...	—	...	01 12	36 14	32 03	28 08	24 13	25 13	26 09	...
Peshawar ...	...	08 05	12 04	18 03	19 05	20 03	25 15	...	...	...	...
Quetta ...	...	...	...	—	28 04	29 07	...	...	...	...	...
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 ...	10 15	11 20	13 21	13 21	12 19	11 20	12 13	12 12	11 13	14 13	12 11	12 15	...	...	...	...	...	—
Karachi ...	26 19	26 18	27 29	29 25	33 16	01 15	07 16	02 10	02 08	02 05	35 12	...	.	...	—	...	...	—
Peshawar ...	...	01 07	06 05	03 01	20 05	07 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.

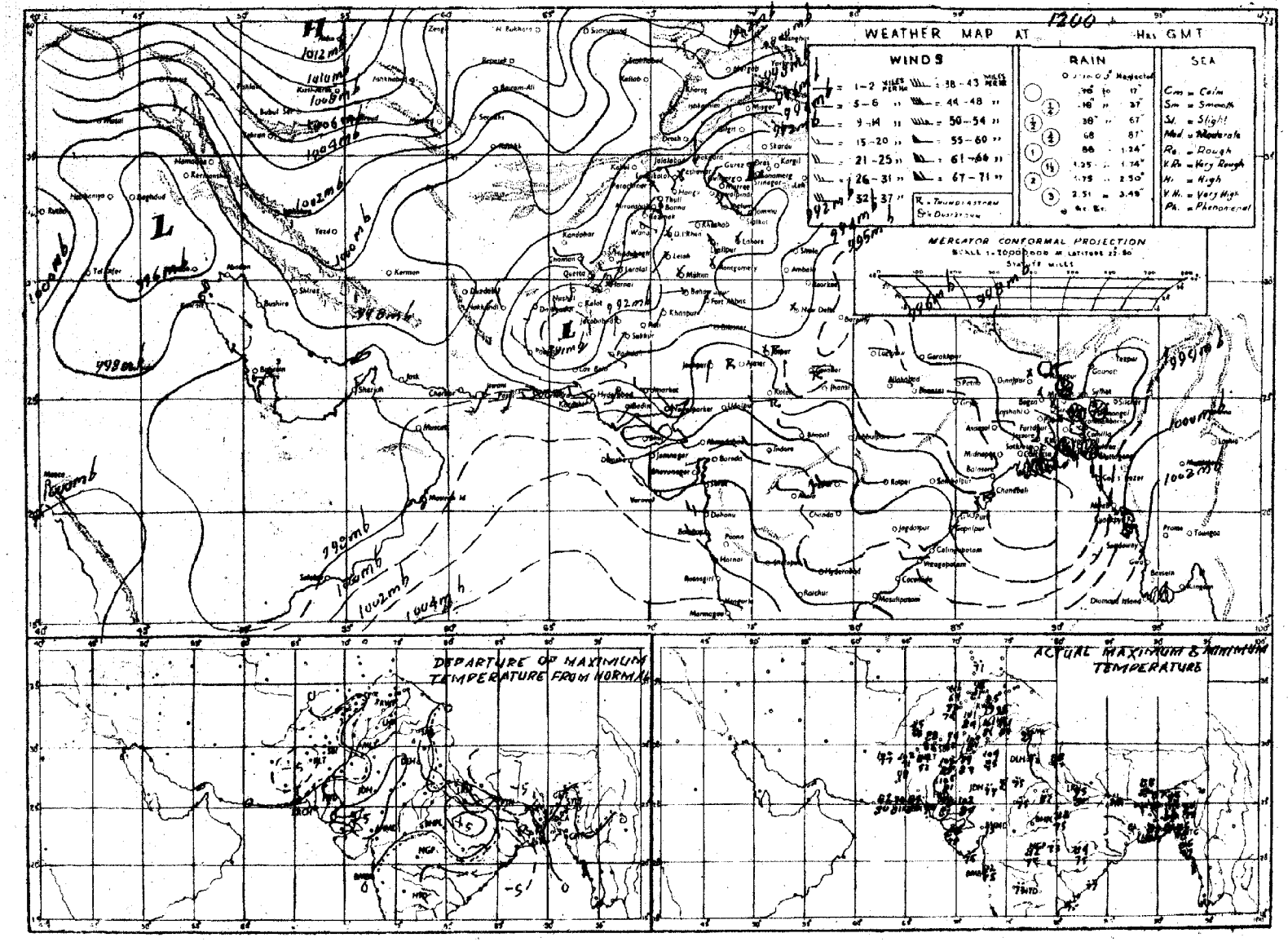
Cloud observation Data (GGiii Cdd V_rV_r etc.)

12 530   32 808   11 712   32 5.8
12 917   08 865

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

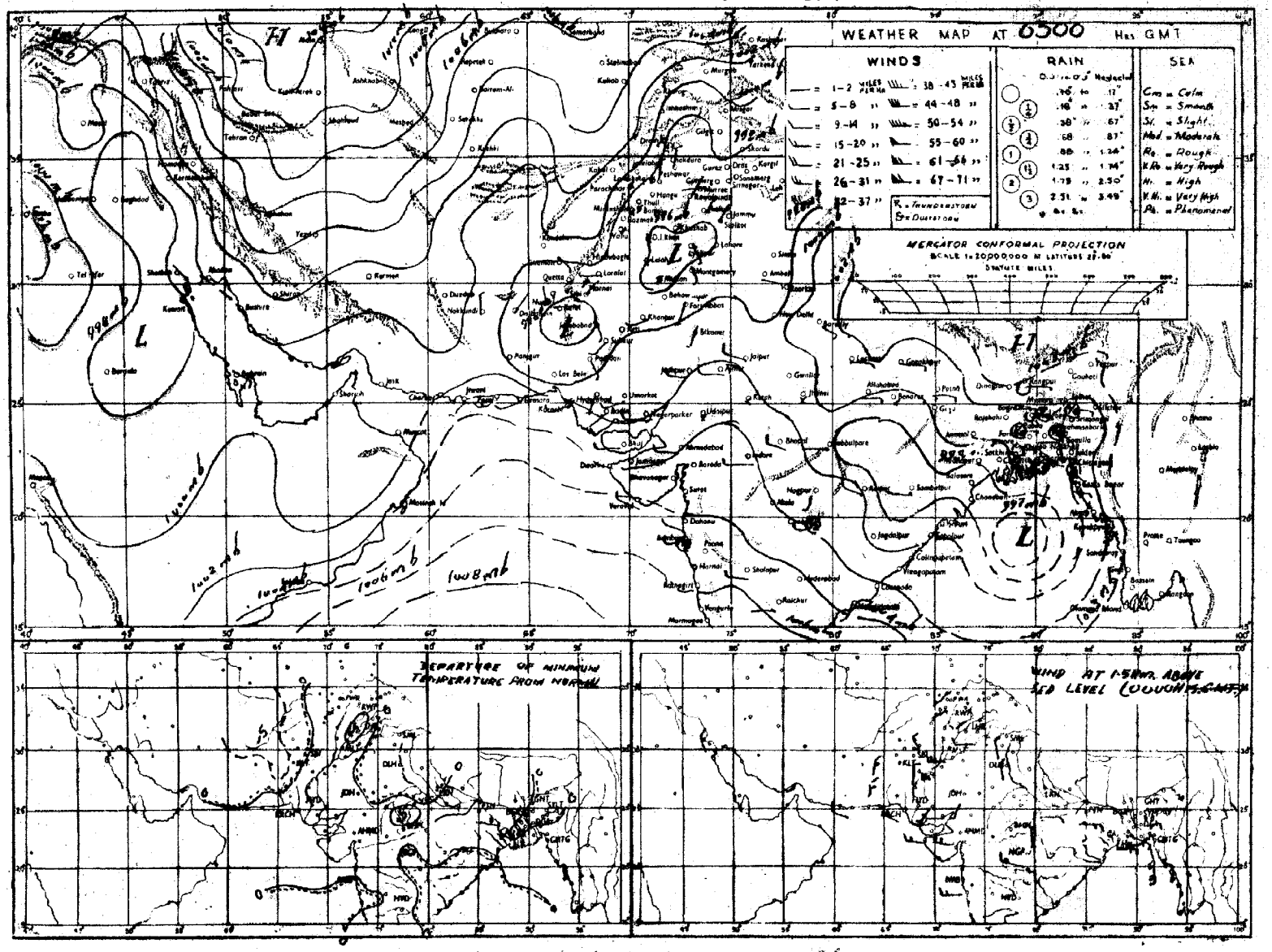
SATURDAY 11th AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 12th AUGUST, 1962.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1450
Volume No. 16

MONDAY, THE 13th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's westerly low pressure wave over Peshawar and Sargodha divisions is moving away across Kashmir. It has caused fairly widespread thunderstorms/showers in Lahore division, local in Rawalpindi division and scattered in Peshawar division.

A fresh westerly low pressure wave lies, today, over Afghanistan and adjoining areas.

A well marked easterly low pressure area lies over Chota Nagpur and neighbourhood. In its wake monsoon is strengthening over East Pakistan.

Rainfall has been fairly widespread in Dacca division and local elsewhere in East Pakistan.

Chief amounts of rainfall are :—Cox's Bazar 2", Maijdee Court 1½", Brahmanbaria 3/4", Narayanganj, Sialkot and Murree 1/2" each and Chittagong, Dacca, Pabna, Dinajpur and Satkhira 1/4" each.

Day temperatures were 3—6 °F (2—3 °C) above normal in Rawalpindi, Lahore, Sargodha, Multan, Hyderabad and Rajshahi divisions and in the northern districts of Dacca division and were 4—6 °F (2—3 °C) below normal in northern Kalat division and western parts of Quetta division.

Forecast valid until the evening of 14th August, 1962 :—Fairly widespread rain/thundershowers will occur in East Pakistan, Lahore and Rawalpindi divisions and in Kashmir. Local thunderstorms/showers may also occur in Peshawar and Sargodha divisions and scattered elsewhere over West Pakistan outside Kalat, Karachi and Khairpur divisions.

Heavy rainfall warning :—Locally moderate to heavy rain will fall in Dacca and Chittagong divisions during the next 48 hours.

Karachi-11
The 13th August, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	005	2	7	13	02	96	05	6	011	81	8	5	7	6	x	77	91
	Cox's Bazar	847	8	8	16	13	97	61	6	003	79	7	4	4	2	x	77	85
	Chittagong	000	0	7	13	13	97	09	2	995	82	8	3	6	4	0	77	88
	Maijdee Court	000	9	8	13	09	96	03	2	991	84	6	2	5	2	x	78	87
	Comilla	001	8	8	18	09	96	02	2	971	84	8	4	5	x	x	78	92
	Brahmanbaria	082	5	5	18	05	97	03	9	989	84	5	4	5	1	0	78	91
	Sylhet	000	0	7	00	00	96	02	0	982	89	4	2	4	1	2	82	93
	Srimangal	000	0	4	00	00	95	02	2	987	84	4	0	4	0	0	78	94
Dacca	Mymensingh	000	0	6	13	02	97	02	1	990	88	6	4	4	0	0	77	92
	Narayanganj	000	0	8	13	03	98	02	2	974	86	7	4	5	4	0	79	99
	Dacca (Tejgaon)	000	0	7	13	09	97	02	2	974	85	2	5	4	2	4	78	91
	Faridpur	000	0	7	16	12	96	02	2	993	83	8	4	6	1	0	79	88
Khulna	Barisal	010	1	8	00	00	96	02	6	983	82	8	6	6	0	0	81	99
	Khulna	000	0	5	00	00	97	01	3	971	xx	5	5	6	0	0	78	85
	Satkhira	018	1	6	00	00	96	03	6	985	82	4	4	4	2	0	81	89
	Jessore	004	1	8	09	05	96	60	3	974	88	8	6	5	x	x	80	88
Rajshahi	Pabna	000	0	7	09	09	98	03	2	964	85	7	7	6	0	0	77	90
	Sirajganj	000	9	5	17	05	96	02	2	980	85	8	4	1	x	x	79	93
	Bogra	002	1	7	09	03	96	61	2	974	85	4	4	1	2	x	80	91
	Dinajpur	000	8	3	00	00	96	01	x	971	89	0	0	9	0	9	78	94
	Rangpur	000	0	3	13	02	96	01	2	982	83	3	0	9	1	0	83	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	95	05	0	941	00	1	1	7	3	0	78	03
	Sialkot	000	0	6	00	00	97	00	0	934	98	0	0	9	0	0	82	00
Rawalpindi	Jhelum	000	0	1	00	00	97	02	0	933	99	1	1	7	0	0	76	01
	Rawalpindi	000	0	0	09	02	97	05	0	939	93	0	0	9	0	0	75	97
	Campbellpur	000	0	0	00	02	97	00	0	930	02	0	0	9	0	0	92	01
Sargodha	Khushab	000	0	0	00	00	96	05	4	931	04	0	0	9	0	0	84	05
	Lyallpur	000	0	5	00	00	87	02	2	929	04	5	9	0	4	0	75	04
Multan	Montgomery	000	0	1	00	00	96	02	1	933	03	1	1	8	0	0	75	04
	Multan	000	0	0	00	00	98	02	0	929	04	0	0	9	0	0	74	05
	Leiah	000	0	0	05	02	97	00	0	948	05	0	0	9	0	0	74	10
Bahawalpur	Khanpur	000	0	0	27	03	96	02	0	935	01	0	0	9	0	0	71	03
	Bahawalpur	000	0	2	23	04	97	00	0	060	02	2	0	9	0	0	83	04
	Fort Abbas	000	0	0	20	02	98	00	0	928	05	0	0	9	0	0	76	09
Peshawar	Chakdara	000	0	0	18	81	97	00	0	916	95	0	0	9	0	0	73	97
	Peshawar	000	0	2	05	07	96	96	0	926	99	1	2	6	3	0	72	00
	Haripur	000	0	0	23	01	95	05	0	925	92	0	0	9	0	0	77	94
D. I. Khan	Bannu	000	0	0	13	01	99	00	0	921	03	0	0	9	0	0	63	05
	D. I. Khan	000	0	0	00	00	98	00	0	926	04	0	0	9	0	0	75	04
Quetta	Sibi	000	9	6	27	02	98	03	1	927	12	0	0	9	3	0	54	43
Kalat	Nokkundi	000	0	0	27	05	98	02	0	952	01	0	0	9	0	0	33	02
	Turbat	000	0	0	27	03	97	00	0	937	07	0	0	9	0	0	76	07
	Jiwani	000	0	2	23	19	97	01	0	987	95	2	6	5	0	0	76	xx
	Pasni	000	6	0	23	11	95	05	1	987	85	0	0	9	0	0	83	89
Karachi Division	Ormara	000	0	4	23	14	94	03	1	871	86	4	1	6	0	0	74	89
	Lasbela																	
	Karachi (Manora)	000	0	6	25	14	96	13	2	977	84	6	6	4	0	0	77	87
	Karachi (Airport)	000	6	7	25	14	96	03	5	980	84	7	5	5	0	0	75	97
Hyderabad	Nagarparkar	000	0	7	31	01	97	00	0	947	94	0	7	7	0	0	86	95
	Umerkot	000	0	8	23	03	98	02	0	958	95	6	2	7	0	0	72	97
	Hyderabad	000	0	2	20	09	97	01	0	955	95	0	0	9	0	1	72	97
	Badin	000	0	1	28	05	97	00	0	989	94	0	0	9	0	0	72	01
Khairpur	Padidan	000	0	0	09	05	96	03	0	936	05	0	0	9	0	0	69	06
	Nawabshah	000	0	0	16	05	97	01	0	950	05	0	0	9	0	0	75	05
	Sukkur	000	4	0	25	02	97	02	0	932	05	0	0	9	0	0	75	06
	Kashmore	000	0	0	00	00	99	00	0	962	05	0	0	9	0	0	70	05
	Jacobabad	000	0	0	18	03	97	02	0	933	05	0	0	9	0	0	82	07
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Misgar **																	
	Aliabad *																	
	Gilgit *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rawalpindi	Murree *	000	0	5	29	09	97	02	1	241	xx	3	1	4	0	0	66	74
Peshawar	Drosh *	000	0	5	23	12	97	03	0	394	91	5	8	7	0	0	46	98
	Cherat *	000	0	0	18	07	98	00	0	364	90	0	0	9	0	0	70	91
	Kakul *	000	0	1	13	05	96	05	1	400	84	1	1	6	0	0	68	86
	Landikotal *	000	0	3	13	03	97	03	0	393	90	3	5	7	0	0	69	94
	Parachinar *	000	0	3	13	02	99	00	0	401	85	3	0	9	1	0	48	86
D. I. Khan	Miranshah *	000	0	0	05	09	99	00	0	494	95	0	0	9	0	0	71	98
	Wana *	000	0	0	00	00	98	00	0	509	95	0	0	9	0	0	63	97
Quetta	Fort Sandeman *	000	0	1	00	00	98	02	0	407	96	1	1	7	0	0	34	98
	Hindubagh *	000	0	7	25	10	97	00	0	377	66	0	0	8	0	0	20	89
	Loralai *	000	0	4	18	02	99	00	1	381	91	0	0	9	1	2	50	96
	Harnai *	000	0	4	14	05	97	03	0	384	99	3	1	5	1	0	46	00
	Quetta *	000	6	1	31	03	94	02	0	440	87	1	1	5	0	0	70	00
	Chaman *	000	0	0	13	07	98	00	0	409	93	0	0	9	0	0	35	93
	Nushki *	000	0	0	18	05	98	02	0	455	96	0	0	9	0	0	46	98
	Dalbandin *	000	0	0	16	05	96	02	0	425	01	0	0	9	0	0	43	02
Kalat	Kalat *	000	0	0	31	05	97	00	0	412	81	0	0	9	0	0	76	86
	Panjgur *	000	0	4	36	07	95	05	0	423	98	4	0	9	7	0	37	00
Afghanistan	Kabul *																	
	Kandhar *																	

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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	005	9	5	18	13	98	01	6	065	82	2	2	6	5	1	76	[illegible]	—	—	[illegible]		[illegible]	[illegible]
	Cox's Bazar	193	9	8	16	19	97	61	6	048	80	6	8	3	4	2	78	75	0	— 1	77.5	— 1.2	89.9	140
	Chittagong	021	4	8	13	14	97	62	6	043	78	8	7	5	0	0	77	77	+ 3	+ 1	57.1	+ 3.7	78.0	108
	Maijdee Court	155	2	8	13	05	95	61	6	035	79	6	5	5	2	0	77	77	+ 1	— 2	46.5	— 8.3	66.1	115
	Comilla	009	0	8	18	02	97	02	6	979	85	8	4	4	0	x	78	76	+ 5	1	39.7	— 2.5	97.9	94
	Brahmanbaria	082	0	6	18	07	97	03	1	041	83	8	5	5	2	0	80	79	—	—	29.6	— 2.6	47.3	78
	Sylhet	016	9	8	09	02	96	02	2	048	81	3	2	6	2	x	78	77	—	—	61.5	—	87.7	—
	Srimangal	000	0	2	18	10	96	03	2	040	82	2	0	4	0	0	76	78	+ 4	+ 2	—	—	—	99
Dacca	Mymensingh	002	9	8	13	03	96	12	2	042	83	7	4	4	0	0	77	78	+ 3	0	33.3	— 6.7	38.3	91
	Narayanganj	044	5	9	09	07	97	02	6	037	81	8	7	2	x	x	78	78	+ 11	— 1	29.6	— 5.3	42.7	74
	Dacca (Tejgaon)	036	4	8	13	09	97	03	6	029	82	5	6	3	2	x	77	78	—	—	25.6	—	40.4	—
	Faridpur	010	8	8	16	07	97	02	2	015	84	5	5	6	1	0	78	79	+ 1	0	21.9	— 8.9	36.7	71
Khulna	Barisal	012	4	6	13	10	97	02	6	010	83	6	0	9	4	0	79	78	+ 1	0	37.9	+ 0.2	49.5	81
	Khulna	000	0	7	18	05	97	93	2	013	85	7	5	4	0	0	79	79	— 2	+ 1	24.6	— 7.9	32.2	68
	Satkhira	018	9	6	00	00	97	03	6	015	83	4	4	6	2	0	79	78	+ 1	0	28.9	— 1.6	36.1	65
	Jessore	007	9	8	12	07	96	03	6	011	83	8	7	5	x	x	77	79	—	—	18.2	— 11.3	27.8	65
Rajshahi	Pabna	020	1	7	09	15	98	01	6	015	84	7	8	7	0	0	78	77	—	—	29.5	—	47.0	59
	Sirajganj	000	0	8	13	05	97	01	2	038	82	8	5	6	0	0	78	79	+ 5	0	24.8	— 3.9	37.0	64
	Bogra	016	9	8	13	05	96	02	6	026	83	3	5	5	2	x	79	79	+ 3	+ 1	26.5	— 4.5	39.0	69
	Dinajpur	032	9	5	00	00	96	02	2	021	84	5	0	9	2	0	78	76	+ 9	— 3	—	—	—	72
	Rangpur	000	0	6	09	05	96	03	2	031	83	6	0	9	2	0	78	80	+ 2	+ 2	32.9	— 6.2	51.1	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	016	1	8	13	05	96	97	9	020	79	3	3	6	2	x	77	78	+	— 1	6.7	— 2.5	13.1	19
	Sialkot	055	2	8	05	03	98	02	6	018	76	8	5	6	x	x	75	75	+ 6	— 3	9.9	— 6.1	16.3	32
Rawalpindi	Jhelum	000	3	7	13	05	97	13	9	008	82	2	5	7	7	0	72	78	—	—	9.9	—	15.9	
	Rawalpindi	000	0	2	09	03	98	05	1	997	83	2	2	7	0	0	71	78	+ 3	+ 3	11.4	— 3.0	23.0	36
	Campbellpur	000	0	8	13	02	97	02	0	969	92	0	0	8	0	0	79	84	—	—	5.6	—	5.9	—
Sargodha	Khushab	000	0	0	09	12	96	05	0	993	86	0	0	9	0	0	83	83	+ 5	+ 2	1.1	— 5.9	6.1	15
	Lyallpur	000	0	5	07	03	96	02	2	988	87	5	7	8	0	0	76	85	+ 6	+ 5	3.1	— 3.5	6.9	12
Multan	Montgomery	000	0	0	13	02	96	02	0	994	87	0	0	9	0	0	75	83	+ 3	+ 1	5.6	+ 0.2	8.1	10
	Multan	000	0	0	08	02	97	02	0	967	89	0	0	9	0	0	75	87	+ 6	+ 4	0.3	— 3.2	2.0	7
	Leiah	000	0	0	13	01	97	00	0	983	90	0	0	9	0	0	73	83	—	—	1.5	—	3.3	8
Bahawalpur	Khanpur	000	0	5	23	03	95	02	0	975	87	5	0	9	4	0	74	83	0	+ 2	3.3	— 0.4	4.3	6
	Bahawalpur	000	0	0	13	02	98	00	0	980	90	0	0	9	0	0	77	xx	+ 3	—	1.3	— 2.1	2.1	6
	Fort Abbas	000	0	0	26	02	98	00	0	997	91	0	0	9	0	0	76	82	—	—	0.6	—	0.9	8
Peshawar	Chakdara	000	0	3	18	02	96	03	0	985	75	5	3	7	0	0	61	75	—	—	4.4	—	13.6	—
	Peshawar	000	0	1	05	05	96	05	0	980	88	1	2	6	0	0	77	84	+ 2	+ 5	0.2	— 2.6	6.8	11
	Haripur	014	5	8	05	02	95	03	6	997	82	8	5	6	0	0	69	73	—	—	11.1	—	17.9	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	963	93	0	0	9	0	0	72	83	—	—	0.6	—	3.6	11
	D. I. Khan	000	0	6	00	00	98	02	1	964	88	0	0	9	0	6	79	85	+ 4	+ 4	0.6	— 3.3	3.5	9
Quetta	Sibi	000	1	9	13	02	98	03	2	975	92	0	0	9	3	0	73	89	—	—	2.6	—	3.3	5
Kalat	Nokkundi	000	0	0	27	03	96	05	0	988	83	0	0	9	0	0	79	xx	—	—	1.8	—	4.4	5
	Turbat	000	0	7	23	07	97	02	2	001	82	7	6	4	0	8	76	80	—	—	1.2	—	1.9	6
	Jiwani	000	3	8	07	01	97	03	4	021	79	8	4	7	0	0	76	78	+ 1	+ 2	0	— 0.9	0.2	
	Pasni	000	0	8	27	09	94	03	1	997	81	8	3	6	0	0	77	80	—	—	1.0	— 0.3	2.0	6
Karachi Division	Ormara																							8
	Lasbela																							
	Karachi (Manora)	000	0	8	27	14	96	02	2	979	79	8	6	4	0	0	73	77	+ 2	— 2	3.0	— 1.9	3.0	8
	Karachi (Airport)	000	9	8	25	09	96	02	2	994	81	8	6	5	x	x	75	80	—	—	3.3	—	3.2	—
Hyderabad	Nagarparkar	000	3	4	27	03	97	00	9	999	83	0	4	7	0	0	76	69	—	—	4.0	—	4.0	—
	Umerkot	000	0	8	23	01	97	02	0	388	83	8	8	7	0	9	74	79	—	—	3.3	—	3.4	
	Hyderabad	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	+ 2					7
	Badin	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	+ 9					9
Khairpur	Padidan	000	0	4	18	05	96	03	0	979	84	0	0	9	0	1	75	81	—	—	2.4	—	3.2	4
	Nawabshah	000	0	0	20	03	97	02	0	975	85	0	0	9	0	0	76	83	—	—	1.1	—	1.1	—
	Sukkur	000	0	0	00	00	99	00	0	960	82	0	0	9	0	8	65	75	—	—	0.5	—	0.5	4
	Kashmore	000	0	6	13	05	96	03	0	977	87	6	0	9	0	7	70	85	+ 3	+ 3	0.1	— 1.7	1.8	
	Jacobabad																							[illegible]
Junagadh	Veraval																							
Afghanistan	Jalalabad																							4
Arabia	Muscat																							5
	Kuwait																							26
HILL STATIONS																								—
Kashmir	Srinagar *																							71
	Gulmarg **																							26
	Sonamarg **																							3
	Dras **																							6
	Leh **																							—
	Skardu *	000	0	0	00	00	97	02	0	332	73	0	0	9	0	0	45	64		—				—
	Misgar **																							8
	Aliabad *																							
	Gilgit *	000	0	0	0	00	99	00	0	401	81	0	0	9	0	0	59	67		—				
Rawalpindi	Murree *	041	3	6	27	03	97	02	9	451	58	4	5	3	0	8	55	55	+ 3	— 2	19.3	— 4.2	37.6	59
Peshawar	Drosh *	000	9	0	00	80	98	12	2	435	78	0	0	9	0	0	49	72	—	—	4.3	—	16.2	18
	Cherat *	000	0	0	20	05	97	11	4	392	73	0	0	9	0	0	73	70	—	—	7.8	+ 0.8	32.0	29
	Kakul *	000	4	5	09	03	96	17	9	431	74	5	3	6	0	0	56	72	—	—	20.0	—	35.5	—
	Landikotal *	000	2	1	05	02	97	03	0	417	84	1	1	7	0	0	71	75	—	—	0.5	—	13.2	—
	Parachinar *	000	0	2	00	00	99	00	0	414	70	2	0	9	1	0	49	66	—	—	—	—	—	29
D. I. Khan	Miranshah *	000	0	0	09	05	99	00	0	417	86	0	0	9	0	0	59	74	—	—	0.3	— 3.1	2.1	13
	Wana *	00	0	0	00	00	58	00	0	513	88	0	0	9	0	0	43	69	—	—	4.1	—	12.4	11
Quetta	Fort Sandeman *	000	0	0	00	00	97	03	0	441	81	2	0	9	3	0	41	75	— 1	+ 1	4.7	+ 0.9	9.4	11
	Hindubagh *	000	0	0	25	07	97	00	0	410	74	0	0	9	0	0	46	63	—	—	0.8	—	4.6	—
	Loralai *	000	0	3	31	05	97	03	0	405	83	2	1	5	0	1	56	79	—	—	1.1	—	5.2	9
	Harnai *	000	0	5	31	02	99	00	1	423	79	0	0	9	1	2	39	66	—	—	3.4	— 1.7	6.5	14
	Quetta *	000	0	0	00	00	96	00	0	441	73	0	0	9	0	0	52	57	— 6	— 6	0	— 0.9	4.2	9
	Chaman *	000	0	0	18	05	98	00	0	437	78	0	0	9	0	0	40	68	—	—	0	— 0.1	1.3	8
	Nushki *	000	0	0	13	05	98	02	0	460	77	0	0	9	0	0	45	74	— 5	— 2	0	—	1.6	—
	Dalbandin *	000	0	0	23	02	96	02	0	432	74	0	0	9	0	0	33	70	—	—		— 0.2	7.1	4
Kalat	Kalat *	000	0	0	09	02	98	00	0	448	68	0	0	9	0	0	62	54	— 4	— 4	0.1	— 0.9	2.1	7
	Panjgur *	000	0	0	00	00	97	02	0	429	78	0	0	9	0	0	40	72	—	—	0.3	—	1.3	5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 13th AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$YQ L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_Lh C_MC_H$	[illegible]	[illegible]	[illegible]	Id. d. P. H.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dumra	13 248	655 00	5 23 14	98 0 22	001 82	5x 1 xx	25 4 00	—	00 2 72	12 2 23
Arabistan	13 173	567 06	2 23 10	96 0 61	008 72	[illegible] 9 31	14 2 02	—	70 4 70	12 3 22
Loire	13 249	[illegible] 06	0 13 04	98 0 20	037 94	00 9 00	36 2 37	—	[illegible] 02	11 3 xx
Caledonia	13 197	602 06	8 28 18	98 0 22	027 79	00 9 90	55 0 12	—	05 3 73	12 3 x5
Esso Cambridge	13 202	653 02	8 25 18	98 0 28	037 80	58 4 98	75 1 01	—	[illegible]	12 5 33
Reyadhmaru	13 157	708 04	8 25 16	97 0 32	000 81	38 4 10	38 3 15	—	00 1 5x	12 5 33
Ghalbra	13 250	685 04	8 18 09	97 0 22	024 81	86 4 000	45 1 11	—	05 7 96	11 7 20
Dwarka	13 253	680 06	8 31 10	96 0 31	024 83	80 0 70	65 1 30	—	00 3 71	12 2 33
Arapistan	12 180	576 12	5 23 18	96 0 51	014 76	[illegible]	14 7 42	—	[illegible]	12 3 22
Caltexd Pernis	13 174	971 42	4 22 30	97 0 31	000 76	11 3 02		—	00 1 70	12 2 33
Chhapra	13 233	588 12	4 20 05	97 0 20	002 89	00 9 10	68 3 30	—	05 3 78	12 1 20
Esso Cambridge	13 214	[illegible] 12	6 20 08	97 2 58	008 80	89 3 xx	75 7 30	—	[illegible]	12 5 33
Dumra	13 238	681 18	5 23 16	98 0 21	006 79	50 x 4x	35 2 20	—	05 2 77	12 2 34
Dawarka	13 245	610 18	6 24 10	98 0 31	002 82	67 4 5x	55 1 00	—	[illegible]	12 2 22
Caledonia	13 178	573 18	4 23 24	98 0 21	021 97	00 9 00	55 2 00	—	05 3 72	12 3 x3
Bay of Bengal										
[illegible]	12 203	907 12	6 23 24	98 0 32	977 86	47 3 76	36 1 xx	—	00 1 82	12 4 34
Safina-e-arab	13 317	866 12	8 27 13	97 2 56	022 85	43 2 [illegible]	—	—	—	—

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
			HHHTTTTdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	—													
Chittagong	—													
Dacca	00 00	—	—	—	439 492 152	—	339 132 072	437 058 518	584 528 680	760 603 692	—	—	—	—
Ishurdi	—													
Karachi	00 00	997 305 262	503 xxx xxx	—	140 202 185	—	308 125 088	435 050 535	582 552 608	553 619 992	949 755	[illegible] 970	436 119	—
Lahore	00 00	974 275 252	517 xxx xxx	MISDA	—	—	—	—	—	—	—	—	—	—
Multan	—													
Peshawar	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—	—
Quetta	00 00	825 178 005	—	—	—	—	310 130 990	438 086 995	587 035 955	766 515 995	—	—	—	—

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	—												
Chittagong	—												
Dacca	00 00	000 272 248	900 222 185	800 178 122	529 002 565	359 632 728	018 370 420	—	—	—	010 370 420	—	—
Ishurdi	—												
Karachi	00 00	900 208 182	800 218 075	—	—	—	—	—	—	—	800 218 075	—	—
Lahore	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—
Multan	—												
Peshawar	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—
Quetta	00 00	800 170 xxx	430 000 xxx	010 100 xxx	—	—	—	—	—	—	010 100 xxx	—	—

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	00 10	09 14	10 15	17 13	11 19	—	—	—	—
Chitral	—	36 20	27 02	25 07	28 03	33 10	27 19	18 12	27 09
Chhor	23 29	33 35	23 35	33 40	—	—	—	—	—
Chittagong	16 17	16 31	16 31	16 33	—	—	—	—	—
Cox's Bazar	No	—	Ascent	—	—	—	—	—	—
Dacca	14 20	15 23	14 27	14 29	14 25	15 31	15 13	—	—
Dalbandin	—	—	26 07	16 05	27 01	32 07	25 25	24 31	24 35
D. I. Khan	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	23 12	26 05	22 14	19 13	—
Fort Sandeman	—	—	—	25 01	28 05	26 12	—	—	—
Jacobabad	15 08	17 07	21 04	28 02	03 [illegible]	01 09	31 12	32 03	30 04
Jessore	14 26	13 26	13 37	—	—	—	—	—	—
Jhelum	18 02	12 03	12 04	19 02	32 02	31 04	33 12	34 13	36 17
Jiwani	28 14	19 15	12 04	01 06	36 07	33 07	30 07	29 11	27 05
Karachi	25 14	27 17	27 14	—	—	—	—	—	—
Khanpur	21 11	21 10	21 11	19 10	19 09	27 02	29 09	02 08	04 04
Lahore	00 02	17 07	25 01	25 04	33 02	34 12	01 16	36 15	34 12
Multan	29 09	21 10	21 06	24 04	23 02	01 03	33 03	32 04	—
Murree	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	20 08	33 05	29 04	—	—	—
Peshawar	—	04 12	05 13	13 11	17 12	20 05	—	—	—
Quetta	—	—	—	—	33 12	33 10	24 09	25 17	23 15
Sharjah	—	—	—	—	—	—	—	—	—
Sylhet	16 05	16 [illegible]	16 07	17 07	15 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	11 18	—	—	—	—	—
Chitral	—	03 03	15 18	23 06	30 08	31 08
Chhor	24 19	24 21	21 17	12 15	09 13	04 16
Chittagong	15 21	16 24	—	[illegible]	—	—
Cox's Bazar	15 19	15 25	—	—	—	—
Dacca	—	—	15 21	—	—	—
Dalbandin	—	—	07 28	02 05	34 19	30 17
D. I. Khan	—	—	—	—	—	—
Drosh	—	—	—	22 04	20 06	19 18
Fort Sandeman	—	—	—	30 05	32 15	35 18
Jacobabad	17 15	19 13	21 04	33 02	34 02	34 05
Jessore	12 12	—	—	—	—	—
Jhelum	13 10	11 09	10 08	05 06	01 07	32 06
Jiwani	24 10	—	—	—	—	—
Karachi	—	—	—	—	—	—
Khanpur	21 17	21 25	21 27	23 22	26 17	30 12
Lahore	19 06	19 08	23 10	—	—	—
Multan	21 20	23 13	25 08	17 03	27 03	01 02
Murree	—	—	—	—	—	—
Panjgur	—	—	—	02 27	02 27	30 11
Peshawar	—	36 06	02 04	15 05	22 05	31 07
Quetta	—	—	—	—	31 02	30 04
Sharjah	—	—	—	—	—	—
Sylhet	06 07	12 08	17 15	18 17	12 14	03 03
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 13	—	—	—	—	—	—	—	—	—	—
Chitral	—	13 05	12 07	—	—	—	—	—	—	—	—
Chhor	21 12	21 12	20 10	—	—	—	—	—	—	—	—
Chittagong	15 15	—	—	—	—	—	—	—	—	—	—
Cox's Bazar	16 17	16 18	—	—	—	—	—	—	—	—	—
Dacca	12 25	13 15	13 21	—	—	—	—	—	—	—	—
Dalbandin	—	—	09 05	36 05	34 09	28 12	27 11	22 24	23 22	23 21	25 18
D. I. Khan	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	23 06	29 09	28 07	20 21	19 32	—	—
Fort Sandeman	—	—	—	07 07	33 03	34 03	22 10	31 11	—	—	—
Jacobabad	17 01	23 04	41 03	11 04	36 07	02 03	[illegible] 07	44 07	16 06	06 04	06 03
Jessore	13 13	13 19	—	—	—	—	—	—	—	—	—
Jhelum	12 12	12 15	14 15	42 03	—	—	—	—	—	—	—
Jiwani	23 09	33 06	—	—	—	—	—	—	—	—	—
Karachi	27 12	28 16	—	—	—	—	—	—	—	—	—
Khanpur	22 12	24 12	22 13	21 09	21 10	22 06	—	—	—	—	—
Lahore	12 10	12 20	12 11	08 08	03 08	33 19	25 14	—	—	—	—
Multan	20 08	21 11	14 08	12 05	12 04	06 03	—	—	—	—	—
Murree	—	—	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	01 07	01 14	29 11	21 16	26 06	24 06	25 07	23 33
Peshawar	—	34 04	12 03	15 07	18 07	24 03	34 04	[illegible]	26 15	[illegible]	—
Quetta	—	—	—	—	30 01	38 02	30 08	31 15	38 15	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—
Sylhet	12 04	12 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	13 18	15 18	15 17	35 18	15 12	12 13	15 16	34 35	34 46	13 13	—	—	—	—	—	—	—	—
Karachi	27 22	28 28	29 27	30 19	02 17	01 21	05 17	05 11	05 31	06 12	06 14	06 15	08 21	10 17	10 27	10 40	11 50	—
Peshawar	—	MISDA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Quetta	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

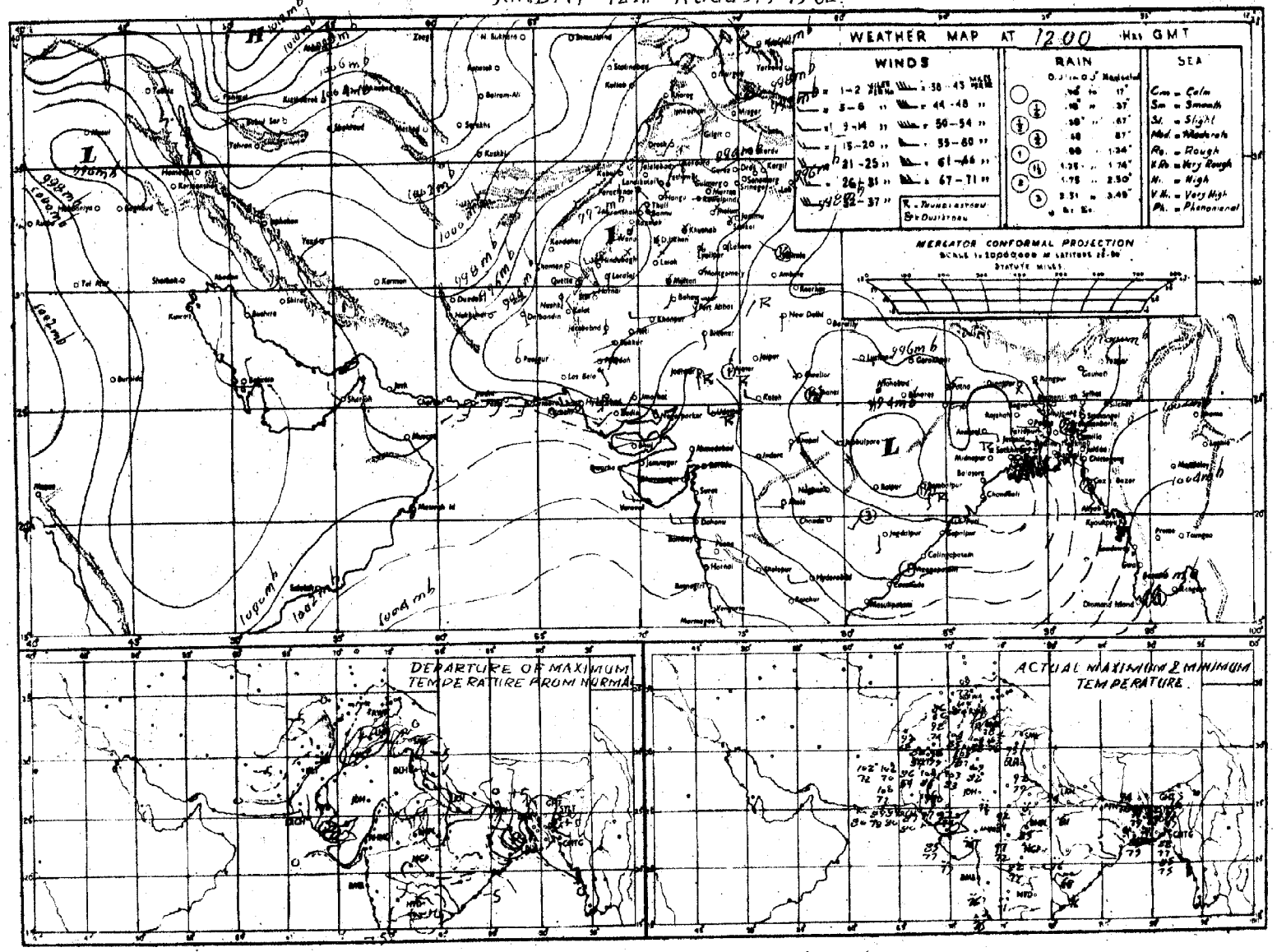
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" if omitted.

Cloud observation Data (GGiii Cdd VrVr etc.)

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

PAKISTAN DAILY WEATHER MAP

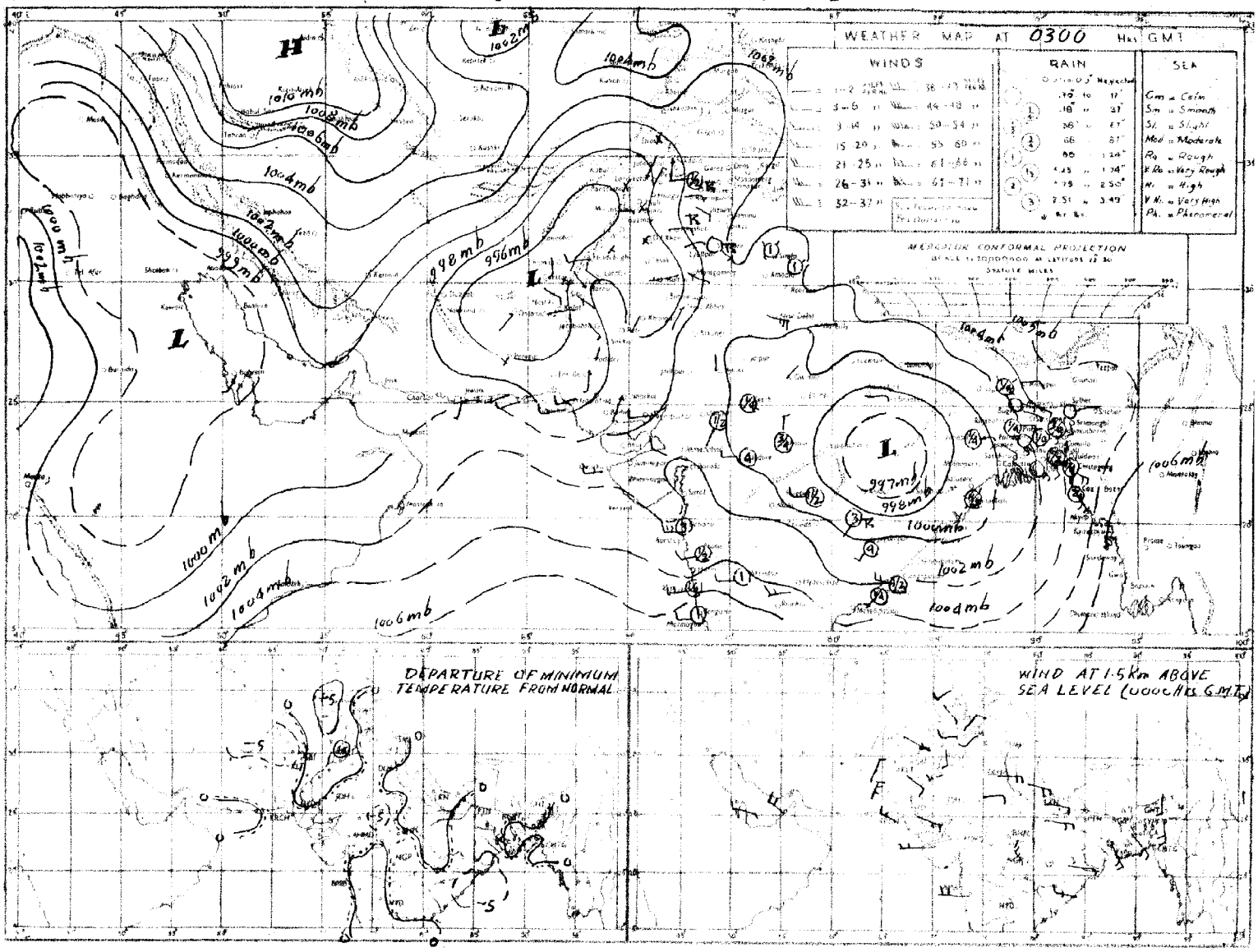
SUNDAY 12th AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 13th AUGUST, 1962.



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

Monthly Subscription

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PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 14th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low over Chota Nagpur now lies over Vindhya Pradesh and neighbourhood.

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

The low pressure wave over Afghanistan has moved to Peshawar, D. I. Khan divisions and adjoining areas and is active.

A trough of low has formed over southern Hyderabad division and Surashtra.

In their association rain/thundershowers have been local in Lahore, Rawalpindi and Peshawar divisions and scattered in Hyderabad division. A few duststorms have been reported from Sargodha division and thunderstorms from Multan, Bahawalpur and Khairpur divisions. Light rain has also fallen in D. I. Khan division.

Chief amounts of rainfall are :—Maijdee Court 4" ; Cox's Bazar and Chittagong 1½" each; Comilla 1"; Khulna 3/4"; Brahmanbaria, Srimangal, Narayanganj, Dacca, Barisal, Satkhira, Bogra, Murree, Kakul and Umarkot 1/2" each and Jessore, Pabna and Lahore 1/4" each.

Day temperatures were 3—6 °F (2—3 °C) above normal in Multan, Bahawalpur and Hyderabad divisions and were to the same extent below normal in Lahore, Rawalpindi, Quetta and northern Kalat divisions.

Forecast valid until the evening of 15th August, 1962 :—Rain/thundershowers will be fairly widespread in East Pakistan and Lahore, Rawalpindi divisions and Kashmir; local in Sargodha, Multan, Bahawalpur, Peshawar and Hyderabad divisions and scattered elsewhere in West Pakistan.

Heavy rainfall warning :—Locally moderate to heavy rain will fall in East Pakistan and also in Lahore, Rawalpindi divisions and Kashmir during next 48 hours.

Karachi-11
The 14th August, 1962.

M. AZHAR ADIL
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 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	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	Maximum Temperature TxTx	Minimum Temperature TnTn	Since 1st June 1962 to date	Departure from normal	Since 1st January, 1962 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	011	4	7	18	05	96	05	6	044	82	5	7	5	2	x	76	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					
	Cox's Bazar	020	9	8	18	09	97	02	6	033	79	7	8	4	7	x	75	84	155	9	8	18	09	97	61	6	073	78	5	5	4	2	x	75	74	— 1	— 2	79.1	— 0.8	69.8	145
	Chittagong	108	3	8	13	14	97	03	6	037	81	8	6	5	x	x	76	81	135	2	6	13	09	97	02	6	006	79	4	4	6	2	0	73	75	— 4	— 1	78.5	+ 4.2	72.0	108
	Maijdee Court	185	9	8	18	09	96	03	6	019	80	6	4	6	2	0	77	81	375	2	8	13	09	96	02	6	057	80	6	5	5	2	x	76	75	— 5	— 4	50.3	— 5.4	67.8	115
	Comilla	096	2	8	18	09	94	02	6	005	77	8	4	4	x	x	78	92	058	3	8	18	07	97	02	6	969	79	8	4	4	x	x	76	78	+ 5	+ 1	40.6	— 2.2	52.6	94
	Brahmanbaria	041	4	7	13	05	97	03	6	032	78	3	5	5	2	0	77	85	041	0	6	13	07	97	03	1	059	82	6	5	5	0	0	78	77	—	—	30.0	— 2.7	37.7	78
	Sylhet	000	0	7	18	09	96	03	2	025	84	6	4	4	2	0	78	89	019	9	7	05	09	96	02	6	071	83	4	5	6	1	0	76	79	—	—	61.6	—	87.7	—
	Srimangal	040	2	8	00	00	94	17	6	027	79	8	4	3	0	8	76	89	040	0	0	00	00	95	00	0	069	82	0	0	9	0	0	75	76	— 1	0	—	—	—	98
Dacca	Mymensingh	003	0	8	13	05	97	02	1	013	85	8	7	6	x	x	78	88	000	0	4	13	05	97	02	1	062	83	4	4	4	0	0	74	78	— 1	0	33.3	— 7.2	38.3	91
	Narayanganj	031	2	8	11	09	96	02	6	007	82	8	4	2	x	x	79	88	056	9	8	09	07	97	02	2	047	82	4	4	2	x	x	76	78	+ 1	0	26.1	—14.4	47.2	74
	Dacca (Tejgaon)	034	8	8	13	09	97	02	6	003	81	8	7	3	2	x	77	83	067	9	7	13	13	97	02	6	043	81	6	5	4	1	0	75	77	—	—	26.3	—	41.0	—
	Faridpur	003	3	8	16	09	96	02	6	989	83	6	4	6	1	0	80	86	006	0	7	16	07	97	02	2	036	84	5	5	6	1	0	78	78	— 2	— 1	21.9	— 9.2	26.8	71
Khulna	Barisal	012	4	8	18	05	97	03	6	011	80	8	6	4	x	x	79	85	042	4	6	09	05	97	02	6	045	81	6	6	6	x	x	78	78	— 2	0				81
	Khulna	050	4	7	13	03	97	01	6	998	82	7	5	4	0	0	78	89	070	9	7	18	03	97	02	6	037	81	7	5	5	0	0	79	77	+ 1	— 1	25.3	— 7.7	32.9	68
	Satkhira	000	0	7	00	00	96	03	2	003	81	4	5	4	2	x	77	89	052	5	8	03	00	96	60	6	043	79	4	4	4	2	x	78	76	+ 1	— 2	29.4	— 1.5	36.6	65
	Jessore	014	5	8	09	05	96	03	0	994	83	8	8	5	x	x	79	89	025	9	7	13	05	96	03	6	030	80	6	7	5	6	0	77	77	—	—	18.4	—11.5	28.1	65
Rajshahi	Pabna	075	5	7	09	09	58	01	8	986	83	2	7	6	7	0	79	90	025	0	8	13	09	98	01	6	030	83	5	8	7	0	0	77	77	—	—	28.8	—	40.3	59
	Sirajganj	011	4	8	13	03	97	02	5	996	83	8	1	9	0	4	79	xx	010	x	8	13	05	97	01	1	043	81	8	4	6	0	0	77	78	x	— 1	24.9	— 4.1	37.1	64
	Bogra	013	2	7	09	09	96	02	6	996	83	5	7	4	3	0	79	88	041	9	7	09	07	96	02	6	046	83	6	7	4	2	0	79	79	0	+ 1	26.9	— 4.5	38.5	69
	Dinajpur	000	9	4	09	02	96	02	3	989	86	4	0	9	2	0	77	90	012	9	6	09	02	96	02	2	042	84	4	4	4	0	0	76	78	+ 1	— 1			—	72
	Rangpur	000	0	4	13	02	96	01	2	998	88	2	2	6	1	0	77	90	002	7	7	09	05	96	03	5	060	81	7	5	6	0	0	79	79	+ 4	+ 1	32.9	— 6.7	51.1	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	024	9	4	05	03	96	02	9	961	89	0	0	9	0	6	76	91	032	0	3	00	00	96	01	0	017	87	1	2	7	3	0	79	78	— 7	— 1	7.0	— 3.4	13.4	19
	Sialkot	000	0	0	00	00	98	00	0	959	88	0	0	9	0	0	75	88	000	0	0	05	03	98	00	0	014	86	0	0	9	0	0	77	xx	— 6	x	9.9	— 5.4	16.3	32
Rawalpindi	Jhelum	000	8	2	13	03	98	02	9	961	91	2	0	9	1	0	70	99	000	0	3	31	02	98	03	0	014	87	0	0	9	0	0	75	80	—	—	9.9	—	15.6	—
	Rawalpindi	000	0	6	00	00	98	03	1	949	87	6	3	6	0	0	76	90	000	0	2	09	02	98	00	2	918	81	2	4	7	0	0	75	79	— 4	+ 4	11.4	— 3.3	23.0	36
	Campbellpur										—						...	—	000	0	8	13	02	97	02	0	969	72	0	0	8	0	0	79	84	—	—	5.6	—	5.9	—
Sargodha	Khushab	000	0	5	09	05	98	09	6	986	93	4	5	7	7	0	85	97	000	0	3	09	05	58	01	2	018	86	0	9	8	3	0	82	85	— 3	+ 4	1.1	— 5.9	6.1	15
	Lyallpur	000	0	4	16	03	96	02	3	972	96	0	0	9	0	3	74	96	000	0	6	16	02	96	02	3	020	84	6	0	9	4	0	78	84	— 2	+ 4	3.1	— 2.7	6.9	13
Multan	Montgomery	000	0	7	13	02	96	02	2	949	97	0	0	9	0	4	71	50	000	0	6	13	02	96	02	2	006	87	0	0	9	0	4	76	82	— 2	0	5.6	+ 1.2	8.1	10
	Multan	000	0	6	18	03	97	03	1	933	05	2	4	6	3	0	79	07	000	9	4	00	00	97	02	9	005	85	2	0	9	3	1	75	62	+ 8	— 1	0.3	— 3.3	2.0	7
	Leiah	000	0	0	09	01	97	00	0	954	04	0	0	9	0	0	72	11	000	0	0	36	01	97	00	0	995	95	0	0	9	0	0	77	64	—	—	1.5	—	3.3	8
Bahawalpur	Khanpur	000	0	5	09	02	96	02	2	936	03	2	2	6	3	4	71	04	000	9	4	05	02	94	06	9	996	89	4	0	9	3	0	75	84	+ 1	+ 3	3.3	— 0.4	4.3	6
	Bahawalpur	000	2	6	18	02	97	03	1	949	96	6	1	7	0	0	73	07	000	0	4	13	02	96	03	0	980	86	4	0	9	3	0	78	xx	+ 6	x	1.3	— 2.2	2.1	6
	Fort Abbas	000	0	0	09	02	98	00	0	993	97	0	0	9	0	0	78	04	000	0	0	09	02	98	00	0	996	88	0	0	9	0	0	80	85	—	—	0.6	—	0.9	8
Peshawar	Chakdara	000	0	3	18	01	97	03	1	938	98	3	0	9	2	0	71	92	000	0	0	36	02	97	00	0	018	76	0	0	9	0	0	67	72	—	—	4.4	—	13.6	—
	Peshawar	000	3	1	31	05	97	01	9	950	93	1	1	6	3	1	63	95	000	9	5	36	03	97	03	1	017	85	1	1	6	3	1	75	81	— 3	+ 2	0.2	— 2.7	6.8	11
	Haripur	017	7	0	06	01	95	00	6	933	90	0	0	9	0	0	78	92	017	0	9	05	01	95	00	0	986	82	0	0	9	0	0	67	75	—	—	11.4	—	18.0	—
D. I. Khan	Bannu	004	1	8	09	02	96	50	2	953	86	8	8	6	0	0	74	00	004	9	8	00	00	98	03	0	001	84	0	0	9	0	8	73	79	—	—	0.6	—	3.7	11
	D. I. Khan	000	2	8	35	04	97	58	2	986	79	8	8	6	0	0	73	04	000	2	7	00	00	98	02	1	018	85	0	0	9	7	0	78	77	+ 4	— 4	0.6	— 3.3	3.3	9
Quetta	Sibi	000	0	0	13	03	98	00	0	937	13	0	0	9	0	0	49	13	000	1	5	31	02	98	03	1	994	90	0	0	9	0	9	73	89	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	0	0	31	05	98	02	0	956	00	0	0	9	0	0	27	01	000	0	0	02	05	98	02	0	013	85	0	0	9	0	0	25	77	—	—	0	—	0.1	2
	Turbat	000	0	0	27	02	97	00	0	937	14	0	0	9	0	0	73	15	000	0	0	27	02	96	05	0	982	89	0	0	9	0	0	82	xx	—	—	1.8	—	4.6	5
	Jiwani	000	0	2	22	17	97	02	2	967	86	0	0	9	0	1	76	88																							
	Pasni	000	8	6	16	12	97	02	1	996	86	0	0	9	4	3	74	89	005	3	0	29	02	96	05	1	979	81	0	0	9	0	0	77	77	+ 1	+ 1	0	— 0.9	0.2	6
Karachi Division	Ormara	000	0	2	25	13	94	03	1	951	86	2	1	6	0	0	77	89	000	0	8	27	05	94	03	2	995	83	8	1	6	0	0	77	80	—	—	1.0	+ 0.3	2.0	6
	Lasbela																	—	000	0	4	13	03	98	04	0	949	84	4	0	9	3	2	81	xx	—	—	—	—		8
	Karachi (Manora)	000	0	6	25	12	96	03	2	968	85	8	6	4	0	0	77	88	000	0	8	27	12	96	03	2	994	80	8	6	4	x	0	73	78	+ 3	— 1	3.0	— 1.9	3.0	8
	Karachi (Airport)	000	0	5	25	12	96	02	2	965	85	2	5	5	0	2	75	89	000	0	8	27	03	96	02	2	998	81	8	6	4	x	x	77	79	—	—	3.2	—	3.2	—
Hyderabad	Nagarparkar	000	0	5	27	01	97	00	0	947	94	0	5	7	0	0	86	95	000	0	7	00	00	97	00	0	937	83	0	7	7	0	0	78	67	—	—	4.0	—	4.0	—
	Umerkot	000	0	6	29	02	98	02	0	954	95	2	2	7	0	9	73	96	050	0	8	xx	00	96	03	2	995	79	0	9	7	0	0	78	75	—	—	3.9	—	3.9	—
	Hyderabad	000	0	6	20	16	97	03	1	953	93	3	0	9	3	0	76	00	000	0	8	00	00	97	02	2	990	85	3	0	9	3	8	75	81	+ 5	+ 2	2.4	— 2.2	3.2	7
	Badin	000	0	8	29	03	97	01	0	971	90	8	0	9	0	1	76	55	000	0	0	00	00	97	00	0	043	83	0	0	9	0	0	77	78	+ 3	— 1	2.3	— 2.9	2.9	9
Khairpur	Padidan	000	0	2	18	05	97	02	6	842	02	0	0	9	0	1	72	03	000	0	7	13	05	97	03	1	992	86	7	0	9	7	0	76	83	—	—	2.0	—	2.6	—
	Nawabshah	000	0	6	13	07	96	02	1	951	01	3	0	9	3	1	77	02	000	8	8	13	02	96	03	2	600	85	0	0	9	5	2	76	xx	—	—	2.4	—	2.8	4
	Sukkur	000	4	6	27	02	97	03	1	932	05	0	2	9	0	8	75	05	000	9	7	13	02	97	03	1	993	88	0	0	9	0	8	68	84	—	—	1.1	—	1.1	—
	Kashmore	000	0	0	00	00	99	00	0	982	04	0	0	9	0	0	69	05	000	0	0	00	00	99	00	0	965	83	0	0	9	0	8	66	73	—	—	0.5	—	0.5	4
	Jacobabad	000	0	2	18	05	96	01	3	928	05	0	0	9	0	8	69	06	000	4	3	18	03	96	01	9	992	90	3	0	9	3	8	63	89	+ 2	+ 7	0.2	— 1.8	1.0	
Junagadh	Veraval	xxx	x	8	29	12	96	02	6	999	81	3	4	5	7	x	76	xx	—	...	...	...	...	...	...	—	...	...	—	—	...	...	—	...	...	—					23
Afghanistan	Jalalabad																																								4
Arabia	Muscat																																								5
	Kuwait																																								
	HILL STATIONS																																								
Kashmir	Srinagar †	xxx	x	3	00	00	97	02	1	392	88	1	1	6	3	1	49	xx	...	...	...	...	...	...	...	...	...	...	...	—	—	—	...	...	...	—					26
	Gulmarg **																																								71
	Sonamarg **																																								24
	Dras **																																			—					9
	Leh *	xxx	x	7	23	06	97	03	1	022	74	3	5	6	7	0	46	77	000	0	3	27	03	96	02	0	351	xx	1	2	6	3	0	40	68	—	—				6
	Skardu **	000	0	3	27	02	97	01	2	251	93	2	2	6	3	0	46	94	000	0	2	00	12	98	03	0	092	62	0	0	9	3	0	38	54	—					—
	Misgar **	000	0	1	13	05	98	01	0	042	46	0	0	0	4	0	39	78																							—
	Aliabad *																																								
	Gilgit *	000	0	0	00	00	99	00	0	369	90	0	0	9	0	0	43	64	000	0	4	00	00	98	01	1	441	76	4	5	8	0	0	60	74	—	—				5
Rawalpindi	Murree *	014	7	8	07	05	97	03	6	419	66	8	8	2	x	x	61	xx	044	8	5	09	05	97	02	1	465	67	6	5	3	0	9	61	56	—	— 1	19.7	— 4.3	[illegible]	89
Peshawar	Drosh *	000	3	6	36	03	97	17	9	419	84	4	7	7	8	0	53	94	000	9	0	00	80	98	02	9	460	74	0	0	9	0	0	56	71	—	—	4.3	—	18.2	18
	Cherat *	000	7	7	18	07	98	01	2	374	81	7	8	6	0	0	71	90	000	0	0	27	07	98	00	0	403	73	0	0	9	0	0	69	70	—	—	7.8	+ 0.4	32.0	29
	Kakul *	063	1	5	13	07	98	00	0	422	78	5	4	6	0	0	67	86	063	9	4	13	02	97	01	1	456	74	4	2	6	6	0	69	68	—	—	20.0	—	36.1	—
	Landikotal *	000	0	1	13	05	97	01	1	401	88	0	0	9	0	0	60	94	000	0	2	00	00	97	03	0	449	90	2	1	7	0	0	70	72	—	—	0.5	—	12.2	—
	Parachinar *	000	0	6	13	03	98	03	0	387	84	6	8	8	0	0	57	88	000	0	3	00	00	99	00	0	447	67	3	0	9	1	0	55	66	—	—	—	—	—	25
D. I. Khan	Miranshah *	000	0	4	11	09	98	03	4	403	92	4	4	8	0	0	65	59	000	0	6	05	05	98	03	2	439	91	6	4	8	0	0	66	78	—	—	0.3	— 3.1	2.2	43
	Wana *	000	0	4	13	02	98	01	1	519	91	4	4	9	0	0	67	96	100	0	0	00	00	98	00	8	009	xx	5	4	7	7	0	65	73	—	—	4.1	—	11.4	11
Quetta	Fort Sandeman *	000	0	7	00	00	98	02	4	407	94	0	0	9	0	0	31	96	000	0	3	05	02	98	01	1	470	80	3	0	9	4	0	61	76	— 3	+ 2	4.7	+ 0.9	9.4	11
	Hindubagh *	000	0	2	25	09	97	00	0	375	88	0	0	9	0	4	52	90	000	0	0	02	00	97	00	0	428	71	0	0	9	0	0	49	59	—	—	0.8	—	4.6	—
	Loralai *	000	0	3	09	03	99	01	1	396	93	0	0	0	1	1	49	96	000	0	6	29	05	99	02	2	431	81	0	0	9	1	2	45	67	—	—	1.1	—	5.2	9
	Harnai *	000	0	4	18	05	97	03	8	390	00	2	1	3	1	0	42	00	000	0	4	00	00	97	03	0	422	84	2	1	3	3	0	69	79	—	—	3.4	— 1.8	6.5	14
	Quetta *	000	6	2	34	02	96	02	0	403	85	3	1	8	0	0	60	98	000	0	0	00	00	95	00	0	444	73	0	0	9	0	0	52	58	—	—	0	— 0.9	4.2	9
	Chaman *	000	0	0	25	07	98	00	0	414	94	0	0	9	0	0	39	95	000	0	0	31	05	98	00	0	441	81	0	0	9	0	0	42	67	— 4	— 7	0	— 0.1	1.3	8
	Nushki *	000	0	0	31	05	98	02	0	445	96	0	0	9	0	0	46	98	000	0	0	00	00	98	02	0	464	74	0	0	9	0	0	48	74	—	—	0	—	1.6	—
	Dalbandin *	000	2	3	13	02	96	03	0	428	01	0	0	9	0	4	41	02	000	9	1	29	03	96	03	0	427	75	0	0	9	0	1	27	66	— 5	— 6		— 0.2	7.1	4
Kalat	Kalat *	000	0	0	31	07	96	00	0	410	82	0	0	9	0	0	72	85	000	0	8	18	02	97	00	0	447	69	0	0	9	0	0	63	54	— 5	— 4	0.2	— 0.9	2.1	7
	Panjgur *	000	0	3	31	08	97	03	0	432	97	2	0	9	5	0	45	00	000	0	1	36	05	96	03	0	443	93	0	0	9	0	1	40	77	—	—	0.3	—	1.3	5
Afghanistan	Kabul *																																								12
	Kandhar *																																								

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 14th AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Drmal	23 427	492 00	4 24 15	98 0 12	977 82	4x x xx	35 7 15	—	00 2 77	12 4 23
Esso Cambridge	23 239	590 06	2 99 05	97 0 51	005 86	xx x x1	74 4 00	—	50 2 80	1x x xx
Shaws AQLN	23 163	881 06	8 25 24	98 5 82	057 90	55 3 xx	56 1 8x	...	05 1 75	12 3 66
Isocardia	23 285	496 06	6 15 08	98 0 22	006 91	62 4 7x	86 0 03	...	05 6 83	11 5 21
Caltex	23 127	583 36	1 21 30	98 0 10	999 79	60 9 04	30 4 21	...	12 2 76	12 3 46
Arabistan	23 206	596 06	6 23 13	96 0 51	029 74	80 9 70	14 3 10	...	00 2 73	12 3 32
British Merlm	23 254	574 36	1 16 05	98 0 20	—	...	...	...	—	...
British Merlm	23 241	585 42	1 88 04	97 0 20	...	...	...	...	...	
Caltex Naples	23 140	596 43	6 24 27	98 0 31	056 79	00 9 04	00 1 22	...	12 4 74	12 3 45
Arabistan	23 218	599 12	6 23 15	96 0 51	992 77	66 5 00	14 7 16	...	05 1 74	12 3 21
Idumeru	23 149	726 10	8 76 09	98 0 82	081 82	47 3 2x	75 4 00	...	00 1 76	12 6 21
Dumra	23 198	716 18	8 28 10	96 2 52	024 77	86 2 xx	34 2 20	...	05 0 76	12 6 24
Caltex Naples	23 155	602 40	3 23 31	98 0 21	068 77	00 9 04	...	...	05 0 70	12 3 24
BAY OF BENGAL										
Plymouth	23 072	745 06	8 28 15	98 0 22	138 91	46 5 7x	...	—	...	—
Safinaarab	23 165	891 06	8 27 13	97 0 22	043 81	52 x xx	...	...	...	...
Safinaarab	23 189	902 12	7 27 13	97 0 22	133 07	62 x vx	...	...	...	...
Nicobar	23 103	870 18	9 23 09	98 0 22	098 82	93 5 xx	63 1 00	—	...	...

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $PPPTTTT_dT_dT_d$	1000 mb (HHHTTTT$_d$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	023 352 225	—	...	140 192 162	—	308 xxxxxx	434 038 518	581 515 565	756 572 645	974 702	—	—	...
Jiwani ...														
Karachi ...	00 00	996 265 235	513 xxx xxx	...	135 249 165	—	305 122 025	432 035 549	577 558 578	750 639 662	964 792	284 972	431 055	—
Lahore ...	00 00	MISDA	—	—	...	...	...	...	—	—	...	...	...	...
Multan ...														
Peshawar ...	00 00	MISDA	—	...	—	...						—	...	—
Quetta ...	00 00	826 172 032	—	...	—	...	312 140 990	440 100 990	589 020 990	766 580 990	986 650	—	...	—

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	002 265 248	900 218 192	800 148 115	537 002 542	350 645 726	250 772 882	010 77x 33x	...	...	010 77x 33x	...	—
Jiwani ...													
Karachi ...	00 00	900 275 208	800 202 105	350 685 718	...	...	—	...	...	...	350 685 718	...	...
Lahore ...	00 00	MISDA	—	...	...	...	—	...	...	...	—	...	...
Multan ...													
Peshawar ...	00 00	MISDA	—	...	—	...	—	—	...	—		...	...
Quetta ...	00 00	800 155 048	—	...	—	...	—	—	...	...	800 155 048	...	...

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 ...	13 27	13 27	18 27	14 23	14 34	...	...	...	—
Chaklala ...	—	10 05	12 04	16 04	31 10	34 10	—	...	—
Chhor ...	21 07	17 06	11 06	07 10	06 10	07 13	—	—	—
Chittagong ...	16 15	17 28	19 27	...	—	...	—	—	...
Cox's Bazar ...	17 23	17 24	20 28	...	—	...	—	...	
Dacca ...	13 21	...					—		
Dalbandin ...	...	—	10 02	12 01	30 03	30 07	22 15	23 20	23 23
D. I. Khan ...	—	—	—	...	—	...	—	...	...
Drosh ...	...	...	—	...	35 13	36 15	...	...	...
Fort Sandeman ...	...	...	...	27 07	27 05	28 06	...	—	—
Jacobabad ...	18 09	22 04	26 03	05 03	02 03	05 05	35 11	15 06	18 03
Jessore ...	14 17	16 21	16 22				...		—
Jhelum ...	11 05	11 06	11 08	03 07	33 07	34 10	01 14	24 11	25 15
Jiwani ...	20 04	36 03	35 03	35 05	35 12	34 15	27 20	31 06	28 05
Karachi ...	36 14	29 10	35 14	05 16	05 17	03 14	36 19	35 21	...
Khanpur ...	36 05	24 06	20 07	23 06	16 03		—	...	—
Lahore ...	07 06	06 06	05 05	04 05	02 13	01 17	36 16	02 19	01 19
Multan ...	25 04	19 05	19 05	16 05	13 06	03 07	...	—	—
Muscat ...	—	—	...				—	—	...
Panjgur ...	—	—	—	36 07	33 10	34 05	—	—	—
Peshawar ...	...	32 02	20 06	14 07	14 08	01 03	27 21	32 15	21 16
Quetta ...	...	...	...	—	29 07	27 06	21 15	21 16	22 21
Sharjah ...	...	...	—	...				...	
Sylhet ...	16 15	17 22	—	—	...	...	—	...	—
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 ...	—	13 01	04 01	12 01	03 01	35 04
Chhor ...	25 09	19 06	09 11	06 23	06 31	25 21
Chittagong ...	17 25	18 27	18 26	18 27	18 25	...
Cox's Bazar ...	16 24	17 31	18 32	21 26	21 17	—
Dacca ...	14 23	15 24				
Dalbandin ...	—	...	05 02	13 02	28 06	26 12
D. I. Khan ...	—	...	—			
Drosh ...	—	—	—	23 02	22 04	20 05
Fort Sandeman ...	—	—	—	02 05	26 03	28 05
Jacobabad ...	19 14	20 14	24 08	36 06	35 07	19 04
Jessore ...	No	Ascent	—	...	...	...
Jhelum ...	03 03	10 03	09 07	07 05	03 02	30 20
Jiwani ...	15 05	—	—	...	—	—
Karachi ...	...					...
Khanpur ...	26 08	26 12	27 22	29 13	15 04	—
Lahore ...	19 07	11 07	12 09	15 06	17 03	09 02
Multan ...	06 12	12 07	15 05	—	..	...
Muscat ...	—	...	—			
Panjgur ...	...	—	—	01 26	01 32	01 26
Peshawar ...	...	34 07	33 05	08 03	14 05	
Quetta ...	...	—	...	—	28 01	30 05
Sharjah ...	...	...				...
Sylhet ...	16 08	16 15	19 19	18 13	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 ...	10 23	10 18	—	—	—	...	...	...	...	...	...
Chaklala ...							...	...	...	...	—
Chhor ...	04 08	03 07	05 10	06 23	04 28	07 33	...	...	...	...	—
Chittagong ...	—	—	—	—	—	—	...	—	...	—	—
Cox's Bazar ...							—	—	—	—	...
Dacca ...	13 19	13 33	14 27	15 25	14 26	14 25	15 33	16 12	—	—	...
Dalbandin ...	—	—	08 01	28 06	31 05	27 04	18 15	18 27	20 26	19 19	19 13
D. I. Khan ...	—	...	...	—							
Drosh ...	—	—	—	—	22 02	21 03	20 04	15 05	19 04	20 10	21 15
Fort Sandeman ...				04 07	36 06	34 06	13 05				
Jacobabad ...	15 04	16 03	06 03	06 04	03 04	04 06	06 08	08 10	08 12	09 13	...
Jessore ...	No	Ascent					—	—	—	...	...
Jhelum ...	10 05	14 07	14 09	18 07	02 03	04 11	...				
Jiwani ...	18 09	03 19	09 18	00 12	13 05	31 07	03 02	22 04	19 05	18 06	09 12
Karachi ...	06 04	05 04	04 03				—	—	—	...	...
Khanpur ...	03 04	02 07	02 08	03 05	05 09	03 15	—	...	—	—	...
Lahore ...	18 03	14 08	14 08	15 07	14 06		—	...	—	—	...
Multan ...	05 05	06 04	03 06	05 08	06 15	04 19	—	—	—	...	...
Muscat ...	—	—	...					—	—	—	...
Panjgur ...	...	—	—	36 06	36 14	36 14	29 13	30 08	30 08	19 13	
Peshawar ...	...	06 04	08 04	36 07	35 08	35 07	01 09	01 18	04 17	03 20	31 31
Quetta ...	...	—	—	—	29 03	08 04	10 13	19 25	18 15	18 10	19 06
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 ...	13 20	14 19	15 21	16 21	16 20	17 17	10 17	14 22	14 26	14 25	14 25	13 14				...	—	—
Karachi ...	26 10	28 07	04 05	09 05	07 09	03 21	04 19	05 14	05 12	09 15	10 14	10 12	10 27	10 34	13 35	...	—	—
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.

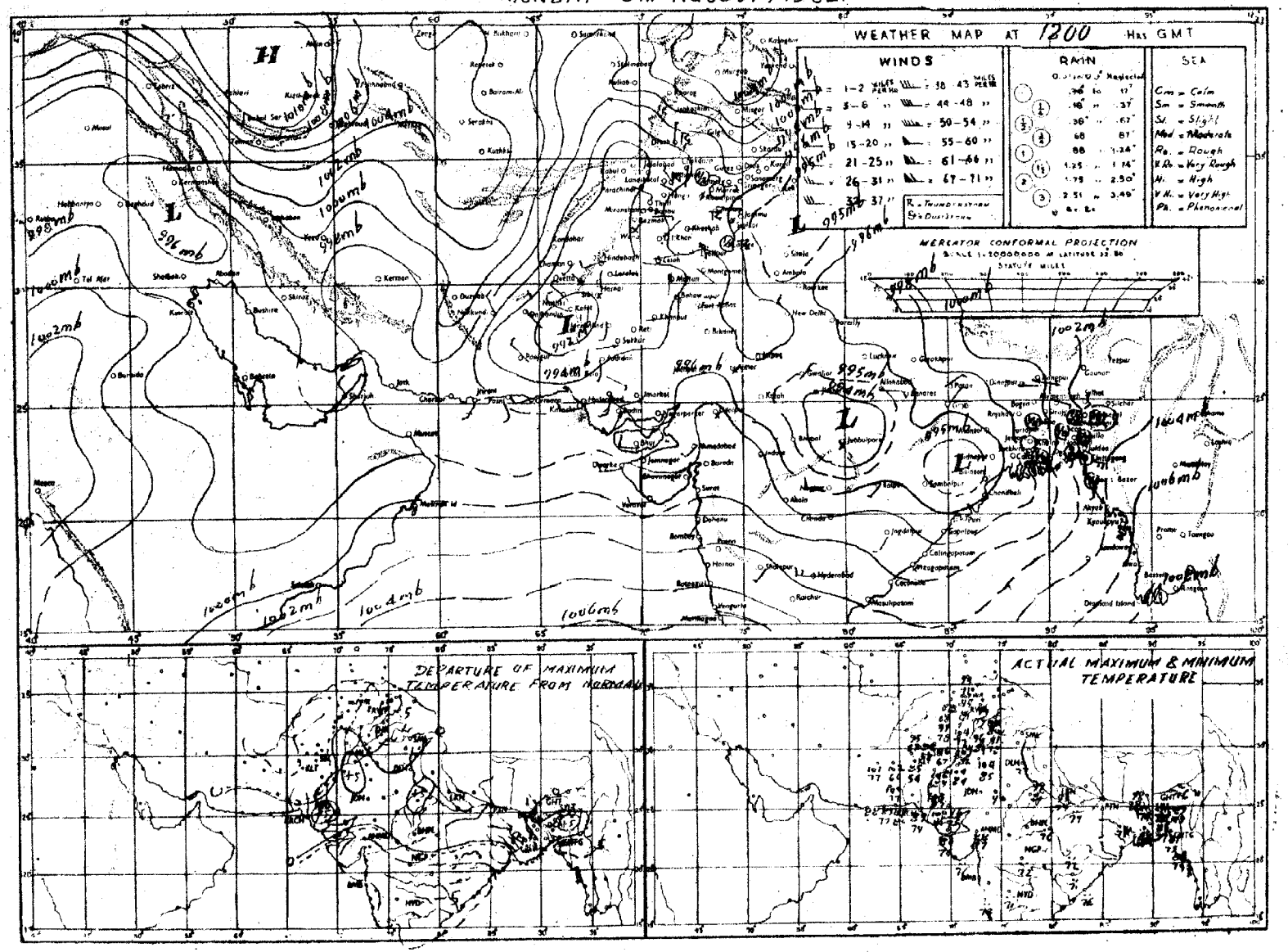
Cloud observation Data (GGiii Cdd V_rV_r etc.)

11 599 33 312 05 712 34 016

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

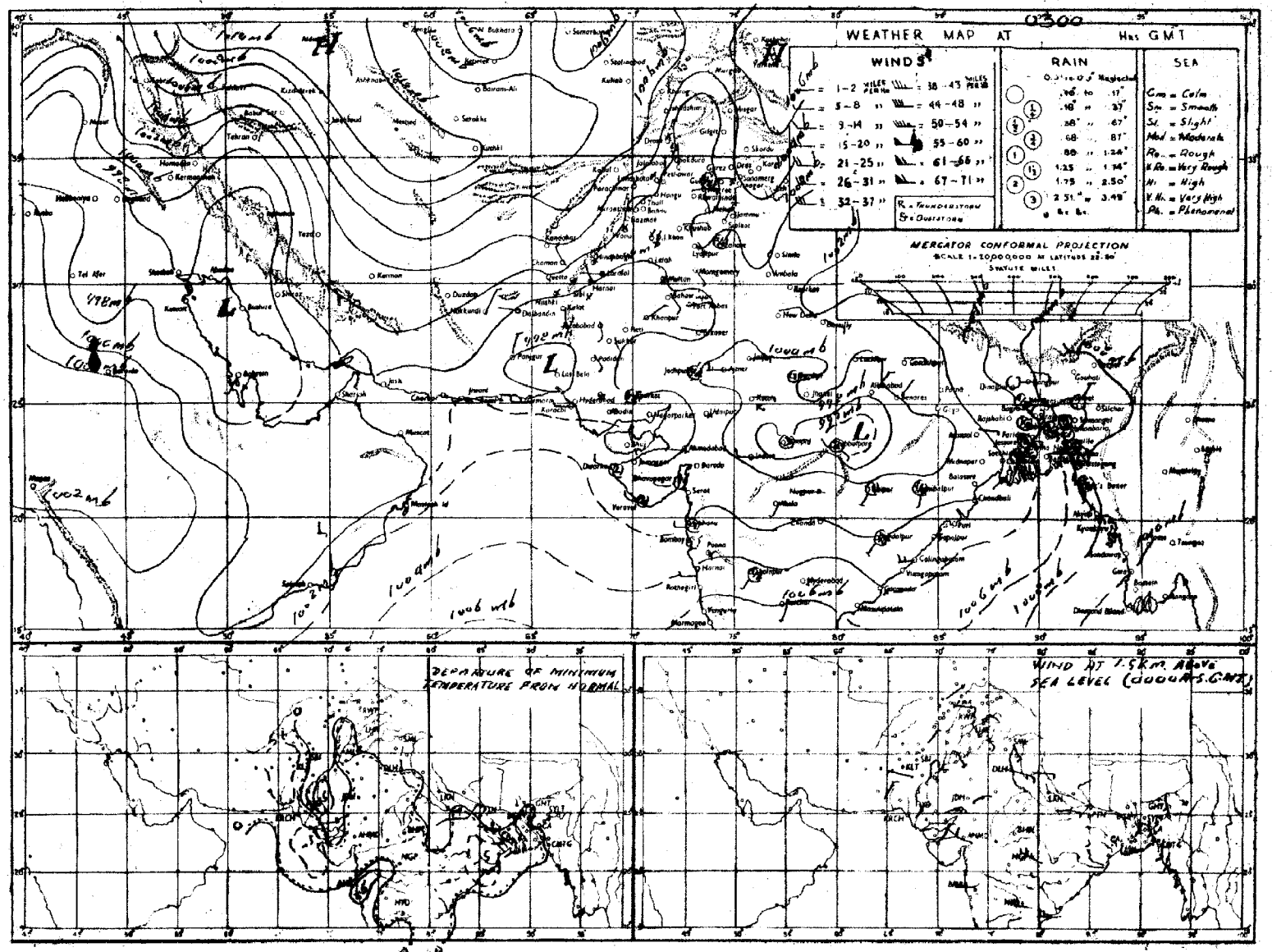
MONDAY 13th AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY, 14th AUGUST, 1962.



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. 16

WEDNESDAY THE 15th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave over D. I. Khan division is moving across Rawalpindi division and adjoining areas. It has caused widespread rain or thundershowers in Lahore division and scattered dust/thunderstorms in Peshawar and Sargodha divisions.

Another low pressure wave lies over Afghanistan and neighbourhood.

The trough of low over Saurashtra has developed into a well marked low over Kutch and Saurashtra. It has caused local rain/thundershowers in Karachi, Hyderabad and Khairpur divisions and a few duststorms in Bahawalpur division.

The easterly low over Vindhya Pradesh has moved to Madhya Bharat and adjoining areas.

Monsoon has continued to be active in East Pakistan and has caused widespread rain/thundershowers in Chittagong, Dacca and Khulna divisions and local in Rajshahi division. A few heavy falls have been reported from Chittagong division.

Chief amounts of rainfall are :—Cox's Bazar 5", Maijdee Court 4", Barisal 1½", Comilla, Sylhet, Narayanganj, Satkhira and Dinajpur 1" each, Jessore and Sukkur 3/4"; Chittagong, Brahmanbaria, Bogra and Umarkot 1/2" each and Mymensingh, Dacca, Khulna, Lahore, Sialkot, Karachi (Manora) and Karachi (Airport) 1/4" each.

Day temperatures were 5—8 °F (3—4 °C) below normal in Quetta division and in Kalat division outside coastal districts.

Forecast valid until the evening of 16th August, 1962 :—Fairly widespread rain/thundershowers will occur in East Pakistan and in Lahore, Rawalpindi divisions and Kashmir, local in Sargodha, Multan, Hyderabad and Karachi divisions and scattered elsewhere over West Pakistan outside Kalat division.

Karachi-11
The 15th August, 1962.

OBSERVATIONS

M. AZHAR ADIL
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 † 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	Rangamati	—	039	1	7	18	03	96	05	6	015	75	5	7	5	8	x	78	86
	Cox's Bazar	—	419	9	8	23	09	97	63	4	043	74	5	7	4	2	v	73	80
	Chittagong	—	060	4	8	18	10	92	03	6	037	78	6	6	5	2	x	74	82
	Maijdee Court	—	010	7	6	12	09	96	03	6	026	82	6	4	5	0	0	76	82
	Comilla	—	000	0	8	18	13	96	02	2	004	82	8	4	5	x	x	76	83
	Brahmanbaria	—	000	0	5	13	05	97	02	1	026	82	3	5	5	0	8	76	87
	Sylhet	—	000	6	7	00	00	96	03	6	026	84	3	4	6	7	1	77	88
	Srimangal	—	000	0	4	00	00	95	17	0	xxx	84	4	0	3	0	0	76	89
Dacca	Mymensingh	—	021	0	7	00	00	97	21	1	027	84	6	4	4	8	0	80	87
	Narayanganj	—	074	7	7	13	03	94	03	6	013	83	5	7	3	7	0	77	87
	Dacca (Tezgaon)	—	000	0	6	18	18	97	02	2	010	82	5	8	4	0	1	77	86
	Faridpur	—	010	8	6	16	05	96	02	6	007	86	3	4	6	0	0	81	86
Khulna	Barisal	—	032	4	6	18	02	96	02	6	016	83	6	6	6	0	0	77	85
	Khulna	—	010	5	4	16	05	97	01	6	011	82	4	5	6	0	0	79	86
	Satkhira	—	000	0	4	00	00	97	03	2	017	83	2	4	6	2	0	77	89
	Jessore	—	023	6	7	18	05	96	03	6	004	82	4	4	5	6	0	78	94
Rajshahi	Pabna	—	090	0	7	13	05	98	01	2	000	83	8	4	7	6	3	xx	90
	Sirajganj	—	000	0	4	13	05	98	01	1	009	84	1	5	1	0	0	77	86
	Bogra	—	012	3	7	09	03	94	02	6	009	84	5	5	6	1	0	78	87
	Dinajpur	—	008	6	5	09	05	96	03	6	010	82	3	0	9	4	x	75	99
	Rangpur	—	000	0	6	09	05	96	01	2	006	86	6	0	9	2	0	77	91
Kashmir	Jammu	—																	
Lahore	Lahore (Jail Rd.)	—	036	6	7	00	00	96	02	9	980	85	2	4	6	7	0	81	93
	Sialkot	—	000	0	4	12	03	98	03	0	976	92	4	2	6	x	x	78	93
Rawalpindi	Jhelum	—	000	4	3	00	00	98	02	1	967	96	3	1	7	0	0	75	98
	Rawalpindi	—	000	0	1	00	00	99	00	0	964	94	1	1	8	0	0	53	96
	Campbellpur	—	000	0	0	00	00	97	02	2	928	98	2	2	8	1	1	79	96
Sargodha	Khushab	—	000	0	0	13	03	98	00	0	964	98	0	0	9	0	0	86	00
	Lyallpur	—	000	0	5	16	03	96	02	2	973	95	5	0	9	4	0	76	99
Multan	Montgomery	—	000	0	3	09	02	96	03	1	965	98	3	3	8	0	0	72	02
	Multan	—	000	0	6	36	03	97	03	1	953	00	2	1	6	0	1	73	01
	Leiah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bahawalpur	Khanpur	—	000	2	9	05	07	93	06	9	949	96	9	x	0	x	x	75	08
	Bahawalpur	—	000	0	2	13	01	97	00	0	947	99	2	0	9	0	0	87	02
	Fort Abbas	—	000	0	0	09	02	98	00	0	859	01	0	0	9	0	0	78	03
Peshawar	Chakdara	—	000	0	0	36	01	97	00	0	940	92	0	0	9	0	0	72	96
	Peshawar	—	000	0	3	08	03	97	03	0	959	98	1	0	8	3	1	89	99
	Haripur	—	000	0	0	33	01	95	00	0	926	82	0	0	9	0	0	73	94
D. I. Khan	Bannu	—	000	0	8	18	01	99	02	2	937	98	0	0	9	0	0	71	97
	D. I. Khan	—	000	0	0	36	00	98	00	9	965	97	0	0	9	0	0	77	98
Quetta	Sibi	—	000	9	8	18	02	98	03	2	941	07	0	0	9	0	0	67	08
Kalat	Nokkundi	—	000	0	8	34	03	98	09	0	955	98	9	0	8	0	0	30	02
	Turbat	—	000	0	0	27	03	97	00	0	924	05	0	0	9	0	0	64	06
	[illegible]	—																	
	Pasni	—	000	8	6	31	13	96	02	1	989	07	0	0	9	4	1	77	90
Karachi Division	Ormara	—	000	0	1	27	05	94	03	1	970	89	[illegible]	[illegible]	6	0	0	78	92
	Lasbela	—																	
	Karachi (Manora)	—	000	0	8	27	05	96	03	2	977	84	0	3	9	3	0	87	87
	Karachi (Airport)	—	000	0	8	08	03	96	06	5	002	88	4	9	6	2	x	73	91
Hyderabad	Nagarparkar	—	000	0	4	00	00	97	00	0	939	90	6	0	7	0	6	77	92
	Umarkot	—	006	0	3	31	08	98	03	3	949	98	7	2	3	0	0	76	96
	Hyderabad	—	070	6	6	08	00	96	01	6	971	89	6	0	9	2	9	76	97
	Badin	—	000	0	8	00	08	97	01	1	984	98	8	0	8	8	1	71	98
Khairpur	Padidan	—	000	0	8	20	08	98	02	2	973	93	0	0	8	9	x	90	92
	Nawabshah	—	006	0	6	18	08	96	01	3	980	92	4	8	9	3	2	90	87
	Sukkur	—	005	0	7	30	01	97	03	2	958	97	7	8	9	6	0	77	90
	Kashmore	—																	
	Jacobabad	—	000	0	6	08	07	98	12	5	960	96	2	6	6	7	0	85	03
Junagadh	Veraval	—	xxx	8	6	28	07	98	08	5	000	78	6	1	6	2	x	79	x8
Afghanistan	Shindand	—																	
Arabia	Muscat	—																	
	Kamaran	—																	
HILL STATIONS																			
Kashmir	Srinagar	** —	xxx	x	3	00	00	97	03	0	395	80	1	1	8	2	4	79	x8
	Gulmarg	** —																	
	Sonamarg	** —																	
	Dras	** —																	
	Leh	** —	xxx	x	4	30	−06	97	01	1	118	77	3	8	7	2	0	40	81
	Skardu	* —	000	6	7	17	02	96	02	2	298	82	4	5	6	3	0	42	91
	Misgar	** —	000	0	2	13	05	98	01	0	054	74	2	1	6	0	0	29	77
	Aliabad	* —																	
	Gilgit	* —	000	0	3	00	00	98	01	1	438	90	3	4	4	0	0	73	92
Rawalpindi	Murree	* —	000	9	1	11	02	95	03	1	413	70	8	5	2	x	x	61	72
Peshawar	Drosh	* —																	
	Cherat	* —	000	0	0	18	03	98	00	0	383	81	8	0	9	0	8	73	91
	Kakul	* —	000	8	4	23	05	97	01	1	437	82	9	4	6	0	9	70	84
	Landikotal	* —	090	6	6	00	00	97	17	0	418	88	6	3	7	x	x	68	94
	Parachinar	* —	000	0	3	13	03	99	00	0	403	83	3	0	9	1	8	47	84
D. I. Khan	Miranshah	* —	000	0	6	13	05	98	03	2	418	88	6	4	8	0	0	66	92
	Wana	* —	000	0	6	05	03	98	01	1	509	88	4	1	9	0	0	67	96
Quetta	Fort Sandeman	* —	000	0	3	05	09	98	08	[illegible]	419	82	3	3	7	6	0	52	96
	Hindubagh	* —	000	0	0	11	10	97	00	0	374	89	0	0	9	0	0	60	93
	Loralai	* —	000	0	7	11	07	98	02	2	417	86	0	4	8	2	1	59	96
	Harnai	* —	000	0	4	29	03	97	03	0	401	88	2	1	5	1	0	67	98
	Quetta	* —	000	6	4	00	00	96	02	0	394	88	4	3	5	0	0	53	93
	Chaman	* —	000	0	0	34	07	98	00	0	415	90	0	4	0	0	0	44	86
	Nushki	* —	000	0	0	27	05	98	02	0	424	96	0	0	9	0	0	37	99
	Dalbandin	* —	000	0	1	16	02	97	03	0	422	00	0	0	9	0	1	31	02
Kalat	Kalat	* —	000	0	0	34	07	96	00	0	401	83	0	0	9	0	0	79	85
	Panjgur	* —	000	0	1	21	08	98	03	0	424	97	1	0	9	5	0	45	00
Afghanistan	Kabul	* —																	
	Kandhar	* —																	

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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	012	9	7	18	09	97	05	6	092	79	2	2	6	2	0	74	76	—	—	37.8	—	[illegible]	—
	Cox's Bazar	341	9	8	18	09	97	02	6	080	79	5	4	9	7	x	78	74	— 5	— 2	84.5	+ 29.9	99.2	142
	Chittagong	060	0	6	18	02	97	03	2	078	80	5	5	6	1	0	78	76	— 3	0	59.1	+ 4.0	72.8	108
	Maijdee Court	475	2	8	13	09	94	63	6	077	76	8	6	4	x	x	75	78	— 4	— 1	54.1	— 3.5	79.8	115
	Comilla	411	7	8	10	03	94	03	6	053	78	8	4	4	x	x	77	76	+ 5	— 1	41.7	— 1.7	57.9	94
	Brahmanbaria	038	2	6	16	07	97	03	6	069	81	6	4	5	0	0	76	74	—	—	30.4	— 2.8	[illegible]	78
	Sylhet	096	9	8	09	03	96	61	9	074	77	7	8	4	2	x	75	76	—	—	62.5	—	[illegible]	—
	Srimangal	000	8	8	00	00	95	02	0	063	80	8	0	4	0	0	77	76	— 1	0	—	—	88.7	98
Dacca	Mymensingh	021	0	6	13	02	97	03	1	069	81	6	4	4	0	0	77	74	— 2	— 4	33.5	— 7.4	39.5	91
	Narayanganj	090	5	8	13	03	97	21	6	060	79	8	4	2	x	x	78	77	— 8	— 2	27.0	— 4.7	44.1	74
	Dacca (Tezgaon)	018	5	8	13	02	97	61	6	054	78	7	3	4	2	x	77	77	—	—	26.5	—	41.2	—
	Faridpur	012	6	8	16	05	97	01	6	xxx	xx	7	5	6	1	0	77	78	— 1	— 1	22.3	— 9.5	36.9	71
Khulna	Barisal	152	6	8	18	01	96	57	6	060	78	6	6	6	4	0	76	77	— 2	— 1	—	—	—	81
	Khulna	025	2	3	13	03	97	02	6	053	79	7	5	4	0	0	78	77	— 1	— 1	25.6	— 7.9	33.1	68
	Satkhira	090	3	7	00	00	96	03	6	065	79	4	4	4	2	0	78	76	+ 1	— 2	30.3	— 3.0	37.5	65
	Jessore	072	5	8	13	07	96	03	6	047	80	8	7	4	x	x	79	76	—	—	19.2	— 11.2	28.8	65
Rajshahi	Pabna	000	0	4	13	05	98	01	2	045	85	4	2	7	3	1	79	79	— 1	—	28.8	—	48.3	59
	Sirajganj	000	0	8	13	03	97	02	2	052	82	8	4	5	0	0	78	77	— 1	— 2	24.9	— 4.4	33.1	64
	Bogra	045	9	8	09	07	96	02	6	053	82	5	5	5	2	x	77	77	—	— 1	27.4	— 4.4	39.9	69
	Dinajpur	193	9	7	09	03	96	02	2	042	80	7	2	7	2	0	77	76	0	— 3	—	—	—	72
	Rangpur	005	4	7	11	02	96	01	5	047	83	7	5	6	0	0	76	78	+ 2	0	33.0	— 7.1	51.2	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	036	9	5	05	03	96	20	1	018	86	3	4	7	2	1	79	79	+ 5	0	7.4	— 2.2	13.8	19
	Sialkot	033	0	8	05	02	97	21	2	029	78	8	7	5	x	x	77	78	— 1	0	10.3	— 5.4	16.6	32
Rawalpindi	Jhelum	000	9	5	25	03	97	01	1	017	86	3	5	7	3	0	77	82	—	—	9.9	—	15.9	—
	Rawalpindi	000	0	6	09	03	99	09	1	014	87	6	0	9	4	0	74	80	+ 1	+ 5	11.4	— 3.7	23.0	34
	Campbellpur	000	0	7	26	03	99	00	7	977	86	0	0	8	0	0	78	85	—	—	5.6	—	5.9	—
Sargodha	Khushab	000	0	1	07	02	98	01	0	012	88	1	1	9	0	0	83	86	— 0	+ 5	1.1	— 6.0	6.1	45
	Lyallpur	000	0	0	16	02	96	00	0	007	88	0	0	9	0	0	79	85	+ 1	+ 5	3.1	— 2.8	6.9	42
Multan	Montgomery	000	0	4	13	03	96	02	1	001	89	4	0	9	4	0	77	83	+ 1	+ 1	5.6	+ 0.1	8.1	10
	Multan	000	0	4	00	00	97	03	0	993	89	0	0	9	0	1	78	85	+ 2	+ 2	0.3	— 3.3	2.0	7
	Leiah	000	0	0	18	01	97	00	0	002	91	0	0	9	0	0	58	80	—	—	—	—	—	8
Bahawalpur	Khanpur	000	0	3	02	03	95	05	1	981	89	2	0	9	3	1	77	81	0	+ 8	3.3	— 0.5	4.3	6
	Bahawalpur	000	0	3	13	03	98	00	0	993	90	3	0	9	0	0	79	89	+ 1	+ 8	1.3	— 2.2	2.1	6
	Fort Abbas	000	0	0	08	03	98	00	0	997	90	0	0	9	0	0	78	84	—	—	0.6	—	0.9	8
Peshawar	Chakdara	000	0	0	18	01	97	00	0	992	80	0	0	9	0	0	73	78	—	—	4.4	—	13.6	—
	Peshawar	000	0	3	14	07	97	01	0	009	85	1	8	7	3	0	78	83	+ 1	+ 4	0.2	— 2.8	6.8	11
	Haripur	000	4	1	08	02	96	03	2	015	85	6	4	4	7	0	75	75	—	—	11.4	—	18.0	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	993	89	0	0	9	0	0	74	84	—	—	0.6	—	3.7	11
	D. I. Khan	000	0	0	08	02	98	00	0	004	87	0	0	9	0	0	77	83	— 2	+ 2	0.4	— 3.4	3.3	9
Quetta	Sibi	000	2	6	13	02	97	03	1	994	89	0	3	9	4	2	78	96	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	6	7	34	07	97	01	1	007	89	8	0	9	0	1	89	[illegible]	—	—	0	—	0.1	2
	Turbat	000	0	8	13	01	97	00	0	999	91	0	0	9	9	0	74	[illegible]	—	—	1.0	—	4.4	—
	[illegible]	009	0	6	05	03	97	02	2	007	79	6	6	9	0	0	74	73	—	—	—	—	—	5
	Pasni	000	3	6	29	05	96	03	1	997	88	0	0	9	4	2	79	90	+ 2	+	0	0.0	0.3	4
Karachi Division	Ormara	000	0	7	37	09	94	03	2	993	82	7	0	9	1	0	80	80	—	—	1.0	+ 0.2	2.0	6
	Lasbela	000	0	2	09	01	97	03	0	955	84	3	0	8	4	0	80	[illegible]	—	—	—	—	—	8
	Karachi (Manora)	000	7	7	00	05	96	02	0	991	78	0	0	9	9	0	73	77	+ 2	— 2	3.2	+ 1.7	7.2	8
	Karachi (Airport)	031	6	9	29	02	96	02	6	990	81	7	0	9	3	0	80	79	—	—	3.3	—	[illegible]	—
Hyderabad	Nagarparkar	000	0	5	00	00	97	00	0	964	82	0	0	7	0	8	80	[illegible]	—	—	4.0	—	4.0	—
	Umarkot	089	0	8	36	03	97	03	0	990	83	8	2	7	0	8	78	78	—	—	4.2	—	4.3	—
	Hyderabad																		—	—				7
	Badin	000	0	8	36	03	97	08	1	993	81	9	0	9	0	1	77	78	+ 3	—	3.3	— 3.1	3.0	9
Khairpur	Padidan	000	0	4	00	00	98	02	2	980	84	6	0	9	2	0	84	80	—	—	2.0	—	3.6	—
	Nawabshah	000	8	8	36	04	98	02	2	004	81	0	0	9	2	0	88	77	[illegible]	[illegible]	2.4	—	3.8	—
	Sukkur	075	9	8	20	02	97	03	6	986	88	6	0	9	6	0	77	77	[illegible]	[illegible]	1.9	—	1.9	4
	Kashmore	000	8	0	00	00	98	00	0	985	81	6	0	9	0	0	64	70	[illegible]	[illegible]	0.3	—	0.3	—
	Jacobabad	007	9	7	27	02	98	02	9	908	88	2	4	7	8	0	78	81	[illegible]	[illegible]	0.3	— 1.6	4.2	4
Junagadh	Veraval	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	[illegible]	[illegible]				30
Afghanistan	Shindand																							
Arabia	Muscat																							4
	Kamaran																							5
HILL STATIONS																								
Kashmir	Srinagar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					36
	Gulmarg																							—
	Sonamarg																							71
	Dras																							34
	Leh																		—					3
	Skardu	000	0	1	08	03	96	02	0	363	74	1	1	6	0	0	45	65	—					6
	Misgar	000	0	1	36	03	98	01	0	093	64	1	4	8	0	0	39	52	—	—				—
	Aliabad																							—
	Gilgit	000	0	0	00	00	99	00	0	443	82	0	0	9	0	0	84	90	—	—				5
Rawalpindi	Murree	000	1	6	29	07	95	01	4	460	65	6	5	2	0	0	62	60	+ 1	+ 3	19.7	— 4.8	38.0	59
Peshawar	Drosh	[illegible]	2	1	00	00	[illegible]	[illegible]	4	[illegible]	[illegible]	1	1	7	0	6	63	74	—	—	4.3	—	16.2	30
	Cherat	000	0	9	18	03	93	11	4	403	74	9	0	0	x	x	72	70	—	—	7.8	+ 0.1	32.0	29
	Kakul	000	9	4	18	05	97	01	1	454	78	4	4	6	0	2	89	71	—	—	20.5	—	30.?	—
	Landikotal	000	0	1	05	02	97	05	0	441	80	1	1	7	0	0	73	75	—	—	0.5	—	12.2	—
	Parachinar	000	0	5	00	00	99	03	0	479	79	5	1	9	1	0	59	67	—	—	—	—	—	29
D. I. Khan	Miranshah	000	0	0	00	00	99	00	0	440	81	0	0	9	0	0	69	78	—	—	0.3	— 3.1	2.1	12
	Wana	000	0	4	00	00	98	01	0	513	78	4	0	9	6	0	63	71	—	—	4.1	—	12.4	11
Quetta	Fort Sandeman	000	0	0	05	02	98	02	0	454	82	0	0	9	0	0	62	78	— 5	+ 4	4.7	+ 0.8	9.4	11
	Hindubagh	000	0	7	00	00	97	00	0	425	73	0	0	9	8	0	63	67	—	—	0.8	—	9.6	—
	Loralai	000	0	3	05	03	99	01	1	431	79	0	0	9	1	1	62	89	—	—	0.9	—	9.6	9
	Harnai	000	0	4	00	00	97	03	0	418	84	2	1	5	0	1	66	79	—	—	3.4	— 1.9	6.9	14
	Quetta	000	1	6	00	00	96	03	1	439	72	0	2	5	0	2	63	65	—	—	0	— 0.9	4.2	8
	Chaman	000	0	6	09	05	98	02	1	432	78	4	0	9	2	0	40	75	— 8	+ 1	0	— 0.1	1.3	8
	Nushki	000	0	5	13	05	98	05	0	443	81	5	0	9	3	0	30	78	—	—	0	—	1.6	—
	Dalbandin	000	9	3	13	02	97	01	1	434	79	1	0	9	3	1	32	73	— 5	0	0	— 0.2	7.1	4
Kalat	Kalat	000	0	8	18	02	96	03	2	441	71	8	4	8	8	0	63	[illegible]	— 5	—	0.4	— 0.9	2.1	7
	Panjgur	000	0	4	00	00	97	02	0	430	78	4	0	8	8	8	35	[illegible]	—	—	0.3	—	1.3	5
Afghanistan	Kabul																							12
	Kandhar																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or 9RR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 15th AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN		$YQL_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV_{ww} W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$0T_sT_dT_d$	$I_wd_wP_wH_w$
1		2	3	4	5	6	7	8	9	10	11
ARABIAN SEA											
Caltex Naples	— — —	33 189	602 36	7 24 24	98 0 12	044 77	11 3 45		—	88 0 74	12 4 33
Udomaru	— — —	33 166	698 12	8 84 28	97 0 80	080 84	57 4 2x	74 7 30	—	35 2 76	12 4 33
Isocardia	... ... —	33 283	500 12	0 36 04	99 0 20	003 99	00 9 03	36 6 10	—	80 3 82	12 6 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTTT_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
			At surface and Standard Isobaric Levels HHHTTT_dT_d								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	...													
Chittagong	...													
Dacca	00 00	030 232 218	—	—	140 188 168	...	309 088 068	435 042 055	581 555 565	754 642 658	955 785	240 982	—	—
Jiwani	...													
Karachi	00 00	996 282 255	510 xxx xxx	—	140 182 145	...	306 118 052	433 035 012	579 528 546	753 615 625	978 768	247 600	420 [illegible]	686 028
Lahore	00 00	976 275 255	...	...	...	...	...	...	...	...	...	...	...	...
Multan	...													
Peshawar	00 00	MISDA	...	...	...	...								
Quetta	00 00	826 212 122	...	...	—	...	317 255 005	450 160 990	602 075 995	781 540 990	005 685	300 795	518 845	—

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTT_dT_d									Max. Height Reached PPPTTTT_dT_d	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	...												
Chittagong	...												
Dacca	00 00	003 265 248	900 205 188	800 162 142	567 002 528	350 718 732	...	—	...	...	350 718 733	...	—
Jiwani	...												
Karachi	00 00	900 202 165	800 182 112	350 678 702	250 875 828	010 700 910	—	—	...	...	010 700 930	...	—
Lahore	00 00	MISDA	...	...	...	...	...	...	...	...	...	—	...
Multan	...												
Peshawar	00 00	MISDA	—	...	—	—	—	—	—	...		...	...
Quetta	00 00	800 255 105	...	...	—	...	—	—	—	...	800 255 105	—	—

PPP—Pressure in hundreds tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)
Sc—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	12 17	13 21	13 32	14 33				...	—
Chaklala		08 02	14 01	17 04	33 02	34 06	34 08	...	—
Chhor	35 02	01 03	04 07		—	—	—	...	...
Chittagong	17 30	17 28	17 36	38 28	—	...	...	...	
Cox's Bazar	No			Ascent					
Dacca	14 23	14 27	15 29	16 24	32 05	30 06	19 15	19 19	21 14
Dalbandin	—	—	05 04	28 03					
D. I. Khan	—	—	—	...	21 23	15 11	18 05	19 13	23 15
Drosh	...	—	—		06 07	01 09		—	—
Fort Sandeman				10 14	03 05	04 06	34 19	...	...
Jacobabad	17 07	31 03	21 03	01 04					
Jessore	15 16	17 17	19 19						
Jhelum	17 04	15 04	15 03	14 04	36 04	03 09	04 08	06 04	28 08
Jiwani	10 10	08 07	08 00	30 04	33 06	—	—	—	...
Karachi	11 10	03 17	05 15	05 17	03 73	...	...	...	...
Khanpur	05 21	05 15	05 19				—	—	—
Lahore	09 06	15 06	14 06	18 07	14 03	18 01	13 04	21 04	...
Multan	05 12	05 15	05 13	05 12	04 18	08 21	...	...	...
Muscat	—	—							...
Panjgur	—			36 11	34 14	33 18	28 05	17 10	22 07
Peshawar	—	04 04	36 02	35 01	24 02	08 02	02 13	32 14	31 13
Quetta	—	—	—	—	11 06	08 06	04 10	—	—
Sharjah	—	...	—	...			—	—	—
Sylhet	13 03	12 03	17 07	18 15	18 15	17 17	xx xx	29 xx	06 02
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	11 04	11 09	13 10	14 08	32 06	03 03
Chaklala	04 11	01 10	02 07	10 06	06 11	08 17
Chhor	No	Ascent		—	...	—
Chittagong	19 18	19 26	20 31	—	—	—
Cox's Bazar	16 09	17 19	19 12			
Dacca	—	...	28 05	05 06	01 02	10 04
Dalbandin	—	...	—			
D. I. Khan	...	...	...	23 01	24 01	29 01
Drosh				16 03	36 02	18 06
Fort Sandeman				02 04	01 03	—
Jacobabad	31 07	35 05	36 05			...
Jessore	13 13	14 13	14 18			...
Jhelum	10 07	11 10	11 09	17 04	36 04	...
Jiwani	12 08	09 06	04 08	...	...	...
Karachi	...	...	...			
Khanpur	07 06	12 08	09 10	09 04	05 12	04 18
Lahore	13 09	17 17	18 17	17 06	11 04	01 14
Multan	11 26	14 02	11 05	05 07	04 08	05 15
Muscat	—	—	...	...		
Panjgur	—			35 15	34 23	34 18
Peshawar	—	33 08	39 07	22 08	19 06	25 03
Quetta	...	—	—		24 08	25 07
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 10	15 04	15 05	33 01	34 04	36 08	—	...	—	...	...
Chaklala	03 12	04 10	05 14	03 16	05 17	...	—	—	—	...	—
Chhor	17 19	18 27	19 31	—	—	...	—	—	—	—	—
Chittagong	15 12	15 17		...	...	...	...	—	—	—	...
Cox's Bazar	17 22	17 27	17 19								...
Dacca	—	—	07 04	03 05	38 04	09 04	14 13	13 12	15 23	20 09	
Dalbandin	—	—	...								
D. I. Khan	...	...	...	—	23 04	20 04	01 04	36 08	36 07	37 09	24 45
Drosh						05 05					
Fort Sandeman				06 02	06 08	04 13	05 14	10 12	14 17	45 23	15 25
Jacobabad	29 00	35 08	03 07	07 11	07 13		—	—	—	...	—
Jessore	16 10	17 13	17 15	—							
Jhelum	12 12	14 10	13 09	10 04	02 05	31 13					
Jiwani	12 04	04 06	01 06	01 06	08 06	02 09	22 06	13 09	13 11	11 14	08 13
Karachi	37 11	35 10	02 15	03 16	03 18	03 14			—	—	...
Khanpur	05 11	04 1	04 14	06 20	05 27	05 19	07 16	13 12	12 45	—	...
Lahore	14 05	14 07	13 06	09 09	07 11			—	—	—	...
Multan	08 12	08 15	07 15	05 17	08 10	03 22	05 24	—	—	...	...
Muscat	—	—	—								...
Panjgur	...			34 12	56 17	33 05	10 09	16 04	11 11	41 41	...
Peshawar	—	10 02	11 03	18 03	23 04	34 08	35 17	31 10	01 10	31 10	...
Quetta	—	...	—	—	09 01	13 06	13 13	14 46	—	...	...
Sharjah	...	...	...		—	...	...	—	...	...	—
Sylhet	08 03	17 06	19 13	19 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. → 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	17 13	17 11	17 09	18 10	16 11	18 14	17 17	27 10	19 03	11 15	11 17	08 19	07 37	05 35	10 43	10 45	—	—
Dacca	32 11	01 12	02 12	02 15	01 23	36 19	05 15	06 15	06 13	06 15	11 12	09 21	11 31	10 39	...	...	—	—
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 figure for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_rV_r etc.)

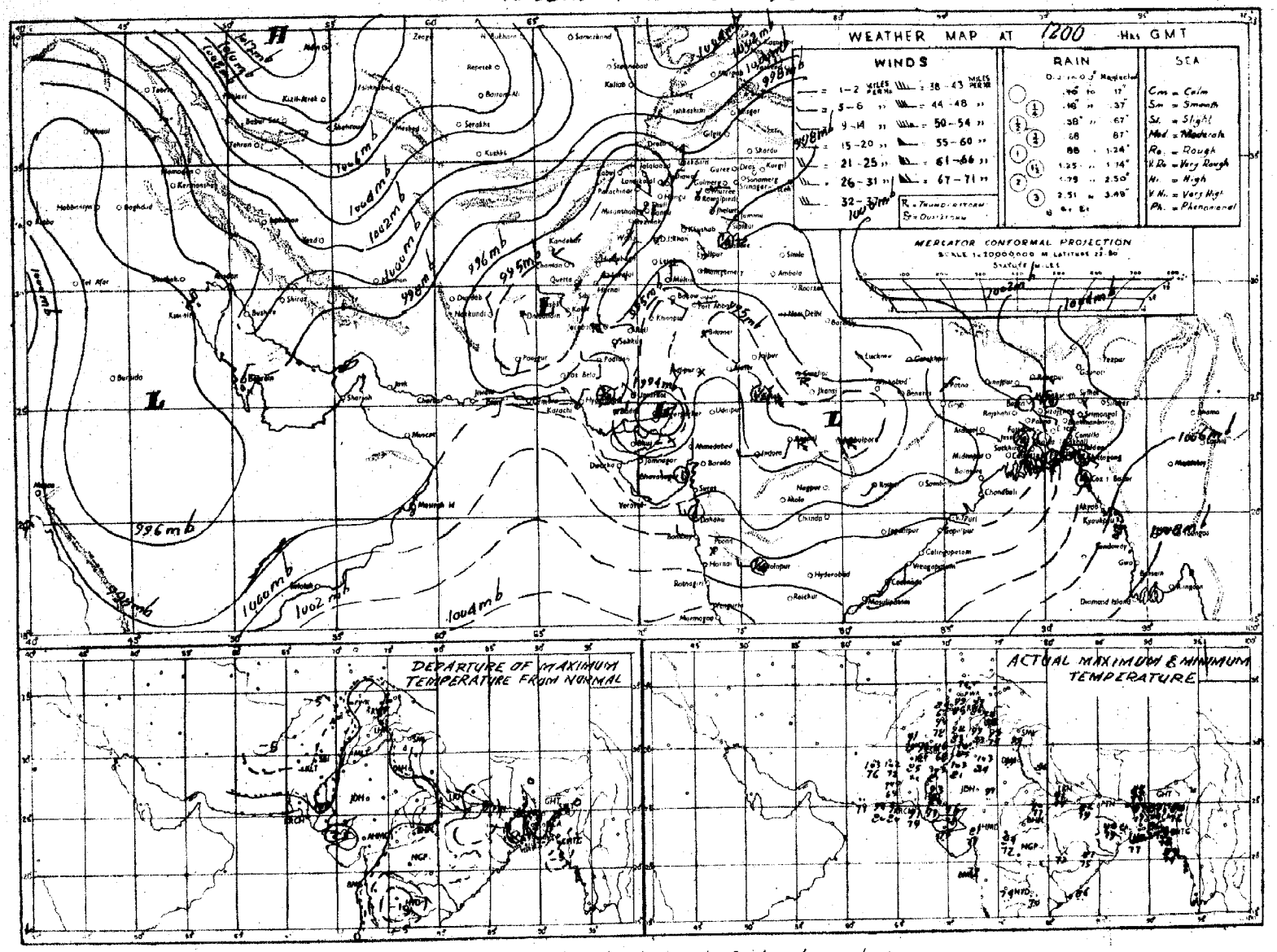
06 530
05 661

33 605
03 107
31 312

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

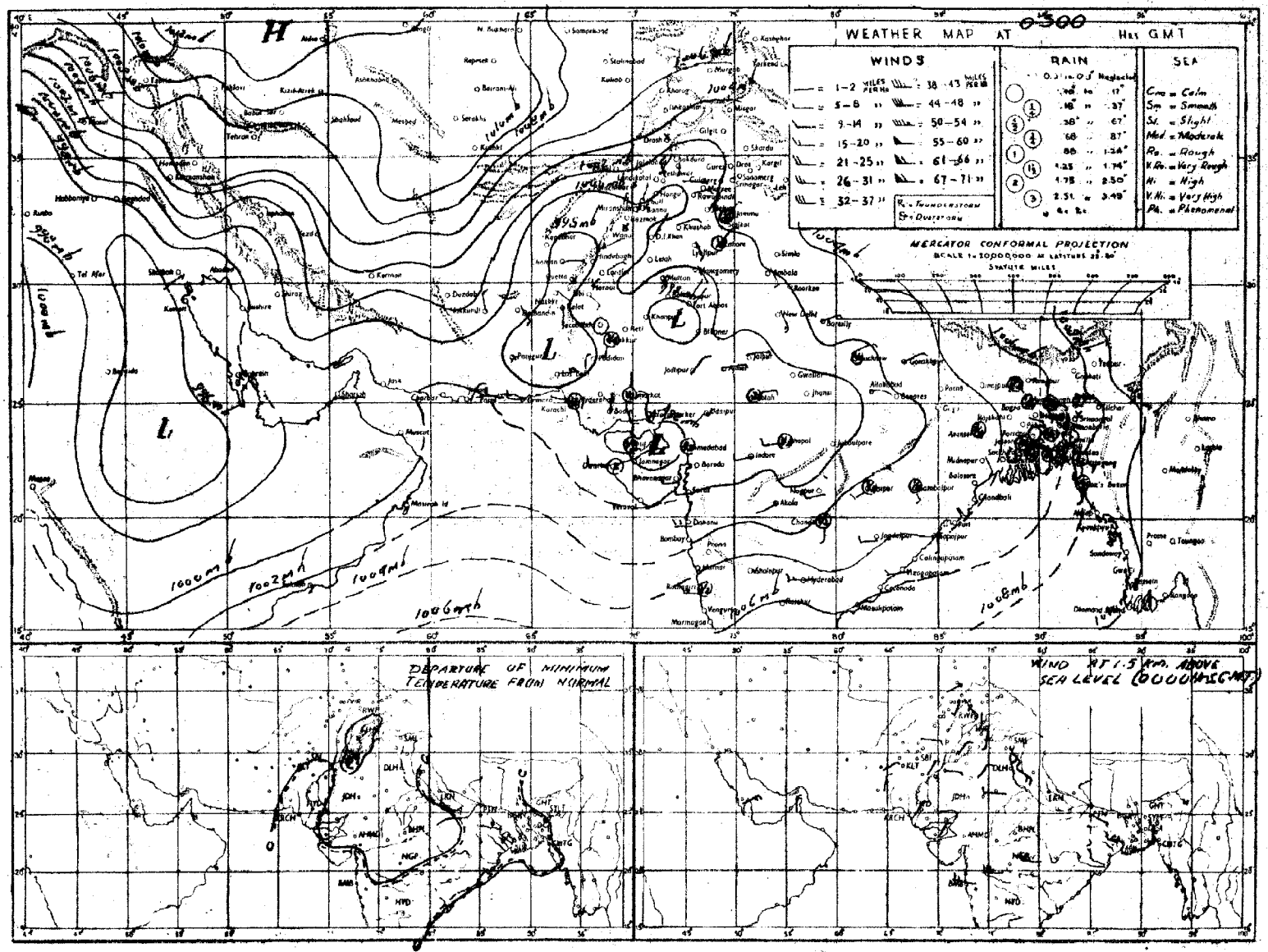
TUESDAY 14th AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 15th AUGUST, 1962.



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. 16

THURSDAY THE 16th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure wave over Rawalpindi division has moved away northeastwards and the other one lies over Peshawar division and adjoining areas. Under their combined influence local thundershowers have occured over Rawalpindi and Peshawar divisions and scattered over Bahawalpur and Quetta divisions. Light rain has also been reported from Sargodha and Multan divisions.

The well marked low over Saurashtra and Kutch has remained practically stationary. It is likely to move northwestwards and weaken. It has caused fairly widespread thunderstorms/showers in Hyderabad and Khairpur divisions and local in Karachi division. Light rain has also fallen over Kalat division.

The easterly low over Madhya Bharat has become unimportant.

Fairly widespread rain/thundershowers have also occured over Chittagong division, local over Rajshahi division and scattered over Khulna division. Light rain has also fallen over Dacca division.

Chief amounts of rainfall are :—Maijdee Court 4", Sylhet 2", Haripur and Kakul 1½" each, Srimangal, Karachi Airport, Umarkot, Hyderabad and Badin 1" each Comilla, Barisal, Rawalpindi, Murree, Harnai, Karachi Manora 1/2" each and Cox's Bazar, Chittagong and Cherat 1/4" each.

Day temperatures were 4—6 °F (2—3 °C) below normal in Khulna, Dacca, Quetta, Sargodha and adjoining Lahore division and in Kalat division outside coastal districts.

Forecast valid until the evening of 17th August, 1962 :—Fairly widespread rain/thundershowers will occur over Dacca, Chittagong, Rawalpindi, Sargodha and Lahore divisions and Kashmir, local over Peshawar, Quetta, Multan, Khairpur, Hyderabad, Karachi, Khulna and Rajshahi divisions and scattered over D.I. Khan and Bahawalpur divisions.

Karachi-11
The 16th August, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	030	0	7	18	13	96	05	2	058	81	5	7	4	2	x	76	87
	Cox's Bazar	090	0	7	23	09	97	02	2	053	81	5	5	5	1	0	77	85
	Chittagong	000	0	7	13	19	97	03	2	047	82	6	3	6	1	0	75	86
	Maijdee Court	365	6	8	16	09	96	01	6	039	79	4	0	5	3	x	72	89
	Comilla	052	0	8	18	19	96	02	6	022	80	8	4	4	x	x	77	81
	Brahmanbaria	000	0	6	18	07	97	03	1	039	81	6	4	5	0	0	79	84
	Sylhet	130	5	7	00	00	94	61	6	042	77	4	7	4	2	0	75	86
	Srimangal	010	4	8	00	00	94	02	6	035	78	8	0	4	0	8	77	88
Dacca	Mymensingh	000	0	2	11	01	97	02	1	038	83	2	4	4	0	0	76	xx
	Narayanganj	005	8	8	10	02	96	02	6	031	81	8	7	2	x	x	77	87
	Dacca (Tezgaon)	003	0	8	18	07	97	23	2	025	80	7	5	4	2	x	76	83
	Faridpur	000	0	8	16	07	96	02	2	027	81	4	5	5	1	0	77	88
Khulna	Barisal	042	9	8	13	02	96	51	6	037	79	8	7	6	0	0	78	79
	Khulna	000	0	7	18	05	97	03	2	028	80	7	5	5	0	0	77	81
	Satkhira	000	0	8	00	08	96	03	2	033	81	6	4	4	3	0	77	82
	Jessore	003	6	8	18	02	96	03	6	033	80	8	8	5	x	x	79	84
Rajshahi	Pabna	000	0	7	13	13	98	03	2	017	80	5	7	5	3	2	72	89
	Sirajganj	000	0	7	13	08	97	02	2	023	83	7	6	8	4	0	78	85
	Bogra	000	0	7	13	08	96	02	2	019	84	4	4	5	2	0	77	87
	Dinajpur	000	0	6	00	00	96	02	2	005	86	6	0	9	2	0	77	89
	Rangpur	000	0	4	09	02	96	01	2	012	87	2	2	6	1	0	79	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	5	6	05	03	96	20	5	984	08	3	3	6	2	1	78	92
	Sialkot	000	8	3	05	07	98	04	1	988	08	3	2	6	1	1	78	89
Rawalpindi	Jhelum	000	4	2	00	00	98	02	1	967	96	2	1	7	0	0	75	98
	Rawalpindi	000	0	1	00	00	99	00	0	964	94	1	1	8	0	0	73	95
	Campbellpur	000	0	0	00	02	97	00	0	958	02	0	0	9	0	0	xx	xx
Sargodha	Khushab	000	0	5	13	07	98	03	3	978	00	2	4	9	0	0	85	02
	Lyallpur	000	2	6	16	03	96	02	5	979	90	6	7	8	0	0	78	xx
Multan	Montgomery	000	0	4	13	03	96	02	2	966	98	4	2	7	0	0	74	99
	Multan	000	2	6	09	02	96	05	1	968	01	3	2	6	6	2	59	03
	Leiah	000	0	0	18	02	97	00	0	983	00	0	0	9	0	0	71	08
Bahawalpur	Khanpur	000	0	6	05	12	95	07	1	943	99	4	4	6	4	0	xx	03
	Bahawalpur	005	1	5	05	02	97	00	0	054	90	4	4	9	0	0	77	02
	Fort Abbas	000	0	0	09	03	98	02	0	949	00	0	0	9	0	0	85	02
Peshawar	Chakdara	000	0	3	06	02	97	00	0	939	93	0	0	9	0	0	73	94
	Peshawar	000	0	6	36	07	96	04	1	960	96	1	8	6	3	1	79	99
	Haripur	000	0	0	23	01	97	00	0	965	94	0	0	9	0	0	74	95
D. I. Khan	Bannu	000	0	8	00	00	99	00	0	943	02	0	0	9	0	0	xx	02
	D. I. Khan	000	0	5	00	00	98	00	0	960	02	0	0	9	0	0	79	02
Quetta	Sibi	000	9	8	18	04	97	07	1	945	07	0	4	9	4	2	65	10
Kalat	Nokkundi	000	0	0	34	05	98	02	0	950	01	0	0	9	0	0	33	03
	Turbat	000	0	0	27	03	97	00	0	934	12	0	0	9	0	0	66	13
	Jiwani	000	0	6	18	17	97	03	1	968	80	6	5	0	4	0	78	89
	Pasni	000	5	3	25	17	95	07	4	959	85	0	0	9	0	2	76	88
Karachi Division	Ormara	000	0	8	27	09	94	03	2	961	86	8	1	6	1	0	77	90
	Lasbela																	
	Karachi (Manora)	000	0	7	27	12	96	03	1	962	84	0	0	9	7	0	74	88
	Karachi (Airport)	000	1	8	31	19	96	60	2	002	88	6	6	4	3	x	76	95
Hyderabad	Nagarparkar	000	0	8	36	01	97	00	0	943	85	0	8	7	0	0	76	92
	Umerkot	064	1	8	13	00	96	98	6	945	84	0	0	7	2	0	79	96
	Hyderabad	000	4	8	08	00	97	00	9	939	91	8	0	9	7	0	76	94
	Badin	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Khairpur	Padidan	008	0	3	08	07	98	01	3	946	99	2	2	6	3	0	73	00
	Nawabshah	000	0	8	11	05	96	17	2	957	89	4	3	6	2	x	81	00
	Sukkur	003	8	8	11	07	96	17	2	955	93	8	6	9	9	0	73	00
	Kashmore																	
	Jacobabad	000	2	6	27	05	97	01	9	947	91	1	9	6	x	0	84	04
Junagadh	Veraval	xxx	x	7	27	13	96	03	6	970	77	5	4	5	3	0	77	xx
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	2	00	00	97	02	0	393	90	1	1	7	0	0	63	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *	000	3	7	18	01	96	20	5	324	83	7	6	4	0	0	45	97
	Misgar **	000	0	2	13	05	98	01	0	054	79	2	1	8	0	0	39	90
	Alliabad *																	
	Gilgit *	000	0	4	00	00	98	01	1	407	80	8	5	8	8	0	67	99
Rawalpindi	Murree *	000	5	7	31	05	96	02	4	434	70	7	5	3	0	0	65	70
Peshawar	Drosh *	000	8	2	22	12	98	05	4	394	94	2	2	7	0	0	55	97
	Cherat *	024	5	8	18	07	98	00	2	385	87	0	0	9	0	0	73	91
	Kakul *	000	0	2	13	03	96	05	1	431	81	2	1	7	0	0	65	85
	Landikotal *	000	0	6	13	05	97	08	0	414	88	6	0	9	7	1	73	91
	Parachinar *	000	0	4	13	02	98	03	2	434	82	6	6	8	0	0	58	84
D. I. Khan	Miranshah *	000	0	6	05	05	98	03	2	423	95	6	4	8	0	0	69	96
	Wana *	000	0	4	05	03	99	01	1	509	83	6	0	9	6	0	67	92
Quetta	Fort Sandeman *	000	0	4	07	02	99	03	0	428	90	4	0	8	3	0	57	03
	Hindubagh *	000	0	7	11	14	97	00	0	398	05	0	0	9	8	0	63	08
	Loralai *	000	0	6	18	03	98	01	2	425	91	0	4	8	1	0	56	92
	Harnai *	060	0	7	00	00	97	03	0	399	97	8	5	5	7	0	59	98
	Quetta *	000	1	8	33	02	94	02	2	455	74	8	8	6	0	0	71	86
	Chaman *	000	0	6	37	05	98	02	1	407	94	6	0	9	2	0	46	95
	Nushki *	000	0	3	31	09	98	01	0	437	00	3	0	9	0	3	53	01
	Dalbandin *	000	0	6	07	02	97	03	1	424	00	4	0	9	7	0	48	03
Kalat	Kalat *	000	0	8	18	03	96	03	2	409	79	4x	x	8	x	x	73	85
	Panjgur *	000	0	4	34	10	97	03	0	417	97		5	6	0	0	39	00
Afghanistan	Kabul *																	
	Kandhar *																	

As 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)
Rangamati	003	1	7	18	05	97	61	2	016	78	5	7	4	2	x	75	77
Cox's Bazar	018	9	8	16	09	97	02	0	092	79	6	5	2	x	x	76	75
Chittagong	018	9	8	18	03	97	02	6	081	79	8	5	2	x	x	76	75
Maijdee Court	430	2	8	13	02	96	02	6	065	80	6	5	5	2	x	78	75
Comilla																	
Brahmanbaria	000	0	6	16	07	97	03	1	080	81	6	5	5	0	x	79	xx
Sylhet	193	9	8	18	05	96	02	6	083	78	5	5	5	2	0	75	76
Srimangal	109	2	8	13	07	95	63	4	087	77	8	0	3	0	0	75	75
Mymensingh	000	0	8	13	02	97	02	1	080	82	8	8	8	2	x	78	78
Narayanganj	005	9	8	18	03	97	02	2	xxx	xx	8	4	2	x	x	77	79
Dacca (Tezgaon)	002	1	7	18	05	97	23	5	072	82	2	1	5	5	0	78	79
Faridpur	000	0	7	16	02	96	02	2	071	83	4	5	7	1	0	77	79
Barisal	066	6	6	16	02	96	02	6	079	81	6	6	6	0	0	77	78
Khulna	000	0	4	18	05	97	01	2	074	83	4	5	6	0	0	78	79
Satkhira	000	0	6	18	03	97	03	2	086	85	3	4	6	2	0	76	79
Jessore	005	0	7	17	08	97	03	6	065	83	5	7	5	6	0	77	77
Pabna	012	5	7	18	09	98	01	6	065	83	4	7	5	3	0	79	78
Sirajganj	000	0	8	18	05	97	02	2	070	82	8	5	6	0	0	76	79
Bogra	000	0	7	18	02	96	02	2	016	83	4	4	5	0	0	77	79
Dinajpur	000	9	6	00	00	96	02	2	055	83	6	0	9	2	0	77	76
Rangpur	016	1	8	09	07	96	63	2	070	80	8	7	6	0	0	80	78
Jammu																	
Lahore (Jail Rd.)	000	9	5	13	05	96	02	1	023	88	1	5	7	3	1	77	81
Sialkot	015	1	6	05	01	98	02	6	027	82	6	4	6	x	x	78	76
Jhelum	000	5	7	09	05	97	02	5	xxx	xx	4	3	6	9	0	73	78
Rawalpindi	056	5	4	09	02	99	01	6	039	76	1	5	6	0	0	73	73
Campbellpur	001	0	2	23	03	97	03	2	069	82	0	0	9	0	0	77	xx
Khushab	000	0	5	09	09	98	03	2	024	88	2	3	9	2	0	84	84
Lyallpur	000	0	6	25	02	96	03	5	010	86	6	0	9	4	0	79	81
Montgomery	000	0	1	20	02	96	01	2	042	89	1	0	9	4	0	75	84
Multan	000	0	2	00	00	98	02	0	095	90	0	0	9	0	1	77	86
Leiah	000	0	2	09	02	97	02	0	009	92	0	1	8	0	0	76	81
Khanpur	009	9	1	00	00	95	05	9	990	87	2	1	6	0	0	79	81
Bahawalpur	005	0	0	18	02	98	00	0	004	93	0	0	9	0	0	77	90
Fort Abbas	000	0	0	13	02	98	00	0	998	90	0	0	9	0	0	77	84
Chakdara	000	0	8	27	02	97	00	0	006	78	0	0	9	0	0	72	71
Peshawar	000	0	5	34	05	97	01	3	032	79	1	5	6	3	1	72	77
Haripur	027	6	4	31	02	97	01	6	037	78	4	0	9	3	0	74	73
Bannu	000	2	8	00	00	99	03	0	001	89	0	0	9	6	0	75	85
D. I. Khan	000	2	6	05	02	98	02	1	011	87	0	0	9	6	0	79	84
Sibi	000	9	8	27	02	98	03	1	001	84	2	4	9	4	2	83	83
Nokkundi	000	7	2	34	05	97	01	2	988	90	0	0	9	1	0	34	82
Turbat	000	0	0	23	07	97	00	0	989	90	0	0	9	0	0	77	xx
Jiwani	000	0	8	13	03	94	02	2	004	81	2	6	4	3	x	77	79
Pasni	003	0	0	29	02	96	05	1	979	81	0	0	9	0	0	77	77
Ormara	000	0	8	25	07	94	03	2	005	82	8	7	5	x	x	79	80
Lasbela																	
Karachi (Manora)	047	4	8	00	03	93	51	9	997	78	0	0	9	2	0	78	76
Karachi (Airport)	122	7	7	34	05	96	01	9	001	80	7	0	5	x	0	79	77
Nagarparkar	000	0	9	00	00	97	00	0	976	82	0	5	7	0	4	78	79
Umerkot	091	0	4	00	00	97	01	0	985	83	3	2	7	8	9	79	79
Hyderabad	103	9	7	00	00	96	31	6	998	81	5	0	9	3	1	79	77
Badin	124	0	0	00	00	97	00	1	000	81	0	0	9	0	0	75	76
Padidan	016	9	2	31	05	98	01	6	995	83	2	0	9	3	0	77	79
Nawabshah	012	9	5	00	00	96	01	9	003	82	5	0	9	3	0	78	79
Sukkur	015	9	6	14	05	97	03	9	986	84	0	0	9	0	8	78	78
Kashmore	000	0	6	00	00	99	02	2	969	80	6	1	6	0	0	64	71
Jacobabad	000	9	3	05	03	97	04	9	992	87	0	0	9	0	0	83	81
Veraval	—	—	—		—	—	—		—	—	—	—	—	—	—	—	—
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **																	
Skardu *	000	9	7	00	00	96	02	1	369	70	2	5	5	3	0	48	63
Misgar **	000	0	6	31	07	98	03	1	051	67	1	5	8	7	0	33	56
Alliabad *																	
Gilgit *	000	0	4	00	00	96	01	1	442	80	4	5	8	0	0	65	74
Murree *	045	3	6	00	03	97	02	6	464	62	4	1	4	0	0	59	57
Drosh *	000	9	2	00	00	98	05	4	460	80	2	1	6	0	0	63	77
Cherat *	023	0	7	18	05	98	03	2	403	73	2	0	9	0	0	6[illegible]	65
Kakul *	145	6	3	09	03	98	01	6	457	70	2	3	6	0	0	67	65
Landikotal *	000	0	4	05	02	97	03	0	438	76	4	0	9	3	0	69	72
Parachinar *	000	0	0	00	00	99	00	8	438	71	0	0	9	0	0	64	69
Miranshah *	000	0	4	00	00	99	03	2	453	85	4	4	9	0	0	71	80
Wana *	000	0	0	00	00	98	00	0	517	81	0	0	9	0	0	61	71
Fort Sandeman *	000	0	0	07	01	99	01	0	461	81	0	0	9	0	0	61	75
Hindubagh *	000	0	4	13	03	97	00	0	423	78	0	0	9	0	8	66	70
Loralai *	000	0	5	09	02	99	08	1	438	81	0	0	9	4	2	68	79
Harnai *	050	0	6	00	00	97	03	0	419	80	6	8	5	1	0	70	73
Quetta *	010	9	6	00	00	96	03	3	437	75	8	0	9	0	9	65	66
Chaman *	000	0	6	09	03	98	02	1	436	86	6	2	8	0	0	48	80
Nushki *	000	9	4	00	00	98	01	0	465	84	4	7	6	0	0	57	78
Dalbandin *	000	9	7	02	02	96	03	0	433	84	4	0	9	7	4	46	81
Kalat *	008	0	0	27	03	96	00	0	452	66	6	2	8	3	0	65	62
Panjgur *	000	0	5	23	08	96	05	0	431	84	3	0	9	5	7	59	80
Kabul *																	
Kandhar *																	

Departure from Normal of / Rainfall

STATIONS (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati	—	—	37.8	—	44.7	—
Cox's Bazar	0	— 1	84.6	+ 2.5	95.4	140
Chittagong	+	— 1	59.2	+ 3.3	72.7	108
Maijdee Court	+ 3	— 3	58.3	— 0.9	77.9	115
Comilla	— 6					94
Brahmanbaria	—	—	30.4	— 3.3	40.1	78
Sylhet	—	—	64.5	—	90.6	—
Srimangal	— 2	— 1	40.9	+ 1.1	31.2	98
Mymensingh	x	0	33.5	— 7.9	38.5	91
Narayanganj	0	0	27.1	— 5.1	44.2	74
Dacca (Tezgaon)	—	—	26.5		41.3	—
Faridpur	+ 1	+ 1	22.1	— 9.9	36.9	71
Barisal	— 8	0	34.4	— 4.8	47.3	81
Khulna	— 6	+ 1	25.6	— 8.4	33.1	68
Satkhira	— 6	+ 1	30.3	— 1.4	37.9	65
Jessore	—	—	19.2	— 11.3	28.9	65
Pabna	—	—	28.9	—	42.4	59
Sirajganj	— 2	0	24.9	— 4.8	37.1	64
Bogra	— 1	+ 1	27.4	— 5.5	39.9	69
Dinajpur	0	— 2	23.5	— 11.8	30.7	72
Rangpur	+ 3	0	33.1	— 7.4	51.3	84
Jammu						—
Lahore (Jail Rd.)	— 4	— 3	7.4	— 2.4	13.8	19
Sialkot	— 5	— 2	10.4	— 5.5	16.8	32
Jhelum	—	—	9.9	—	15.9	
Rawalpindi	+ 1	— 2	12.0	— 3.4	23.6	36
Campbellpur	—		5.6		5.9	—
Khushab	+ 2	+ 3	1.1	— 6.1	6.1	15
Lyallpur	—	+ 4	3.1	— 2.9	6.9	12
Montgomery	+ 2	+ 2	5.6	0	8.1	10
Multan	+ 4	+ 3	0.3	— 3.3	2.0	7
Leiah	—	—	1.5	—	3.3	8
Khanpur	0	0	3.4	— 0.5	4.4	4
Bahawalpur	+ 1	+ 9	1.4	— 2.2	3.1	6
Fort Abbas	—	—	0.6	—	0.9	8
Chakdara	—	—	4.1	—	13.6	—
Peshawar	+ 1	— 2	0.2	— 2.8	6.8	11
Haripur	—	—	12.4	—	19.3	—
Bannu	—	—	0.6	—	3.7	11
D. I. Khan	+ 2	+ 3	0.6	— 3.5	3.5	9
Sibi	—	—	2.6	—	3.7	9
Nokkundi	—	—	0	—	0.1	3
Turbat	—	—	1.8	—	4.4	—
Jiwani	—	—	1.2	—	1.8	5
Pasni	0	+ 1	0	— 0.9	8.3	6
Ormara	—	—	1.0	+ 0.2	2.0	6
Lasbela						8
Karachi (Manora)	+ 3	— 2	3.7	— 1.3	3.7	8
Karachi (Airport)	—	—	4.7	—	4.7	—
Nagarparkar	—	—	4.0	—	4.9	—
Umerkot	—	—	5.1	—	5.2	—
Hyderabad	—	— 2	4.3	— 0.4	5.1	7
Badin	+ 1	— 3	3.5	— 1.9	4.1	9
Padidan	—	—	2.1	—	2.8	—
Nawabshah	—	—	2.5	—	2.9	4
Sukkur	—	—	2.0	—	2.0	—
Kashmore	—	—	0.5	—	0.5	4
Jacobabad	— 8	— 1	0.3	— 1.7	1.2	
Veraval	—					30
Jalalabad						4
Muscat						5
Kuwait						26
HILL STATIONS						
Srinagar *	—					71
Gulmarg **						26
Sonamarg **						3
Dras **						6
Leh **						
Skardu *	—	—	—	—	—	—
Misgar **	—	—	—	—	—	—
Alliabad *						
Gilgit *	—	—	—	—	—	6
Murree *	— 1	0	20.1	— 4.9	39.5	60
Drosh *	—	+ 5	4.3	—	16.2	18
Cherat *	—	— 5	8.1	+ 0.2	32.2	29
Kakul *	—	—	22.0	—	37.6	—
Landikotal *	—	—	0.5	—	12.2	—
Parachinar *	—	—	5.7	—	19.2	29
Miranshah *	—	—	0.3	— 3.2	2.1	13
Wana *	—	—	4.1	—	13.4	11
Fort Sandeman *	— 6	+ 2	4.7	+ 0.7	9.4	11
Hindubagh *	—	—	0.8	—	4.4	—
Loralai *	—	—	0.9	—	4.6	9
Harnai *	—	—	3.9	— 1.5	7.0	14
Quetta *	—	—	0	— 0.9	4.3	9
Chaman *	— 4	+ 8	0	— 0.1	1.3	8
Nushki *	—	—	0	—	1.6	—
Dalbandin *	— 4	+ 10	0	— 0.2	7.1	4
Kalat *	— 5	+ 5	0.2	— 0.9	2.1	7
Panjgur *	—	+ 7	0.3	—	1.3	5
Kabul *						12
Kandhar *						

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_1L_1L_n$	$L_1L_1L_1$ GG	N dd ff	VV — W	PPP TT	$N_hC_LhC_MC_H$	D_wV_wa PP	8 $N_sC_sh_s$	$OZ_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Udomaru — ... —	43 181	676 08	8 26 38	97 0 69	888 81	67 4 2x	76 7 30	—	00 0 25	12 6 33
Isocardia — ... —	42 264	545 06	0 06 06	98 0 20	016 91	69 9 83	26 2 12	—	05 4 84	10 6 21
Udomaru — ... —	43 188	447 06	8 26 30	97 0 22	888 83	67 4 2x	25 2 00	—	00 6 75	12 6 23
Udomaru — ... —	43 199	656 13	8 38 28	97 8 22	000 91	67 4 2x	75 7 10	—	00 8 75	12 8 33

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTTTdTdTd	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	047 265 x1x	—	—	148 186 172	...	312 095 082	438 022 508	584 573 582	755 640 692	965 818	240 102	—	...
Burmi —														
Karachi —	00 00	956 262 248	—	—	140 225 178	—	306 125 115	434 052 038	581 312 528	759 612 999	969 760	254 962	457 086	615 118
Lahore —	00 00	977 280 190	MISDA	—	...	...	...	—	—	—	—	—	—	...
Multan —														
Peshawar —	00 00	MISDA	—	...	...	...	310 125 028	436 015 999	580 590 999	—	—	—	—	—
Quetta —	00 00	026 203 168	—	—	—	—								

STATION	Time of ascent in G.M.T.	At Significant Levels: PPPTTTTdTdTd								Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE: St.HHHHTT	St.HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra —													
Chittagong —													
Dacca —	00 00	004 272 248	900 232 318	880 169 x1x	564 082 515	350 745 785	—	—	—	—	350 745 785	—	—
Burmi —													
Karachi —	00 00	900 262 212	800 188 155	...	...	...	—	—	...	...	800 188 155	...	...
Lahore —	00 00	MISDA	—	...	...	...	—	—	...	...	—	—	...
Multan —													
Peshawar —	00 00	MISDA	—	...	—	—	—	—	—	—		—	—
Quetta —	00 00	800 215 120	—	—	—	—	—	—	—	—	800 215 118	—	—

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

HHH, HHHH (heights)—Tens of geopotential metres.
TT—Dry Bulb temperatures in °C.
10 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
Bagra —	15 18	14 20	14 24	15 20	34 05	34 06	32 06	32 08	—	16 14	17 17	—	—	—	—
Chittagong —	...	13 04	13 05	20 03					—			—	—	—	—
Dacca —	09 21	07 24	06 24	...	—	—	—	—	—	01 05	02 10	—	—	—	—
Chittagong —	18 21	20 16			—	—	—	—	—	18 15	19 15	18 17	—	—	—
Cox's Bazar —	18 23	19 26	30 27	20 20	—	—	—	—	—	18 19	18 17	19 19	—	—	—
Dacca —	17 17	17 13								19 15	20 20	20 19	31 21	21 23	20 17
Dalbandin —	...	—	15 06	12 07	13 10	05 03	01 07	15 04	19 13	—	—	07 12	07 09	30 12	
D.I. Khan —	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Drosh —	...	—	—	—	22 28	20 08	18 07	14 03	25 07	—	—	—	23 03	26 01	33 02
Fort Sandeman —	...	—	—	08 11	10 09	03 10	36 08	—	—	—	—	—	32 03	26 03	05 04
Jacobabad —	34 13	07 05	06 07	06 10	06 13	06 21	...	—	—	23 17	35 15	01 12	06 10	07 12	
Jessore —					—	—	—	—	—	20 14	20 16	20 20	20 16	20 16	19 12
Kalat —	12 06	13 09	13 09	06 04						08 02	13 09	19 11			
Kiruni —	20 10	16 05	08 03	34 07	35 12	36 22	36 22	—	—	16 07	10 03	29 10	31 04	02 04	06 04
Karachi —	29 16	31 08	04 09	02 13	05 10	—	—	—	—						
Khairpur —	04 25	04 18	05 18					—	—	19 02	18 06	18 08	—	—	—
Lahore —	07 13	07 15	09 12	13 10	13 07	07 08	06 11	—	—	13 04	15 13	15 14	34 10	09 04	05 03
Multan —	08 10	08 12	06 16	05 18	—	—	—	—	—	12 11	11 15	10 19	06 30	—	—
Muscat —	—	—	—					—	—	—	—	—	—	—	—
Panjgur —	—	—	—	34 09	14 10	01 05	20 01	—	—	—	—	—	32 09	35 15	01 12
Peshawar —	—	02 12	07 13	15 08	7 13	24 07	29 07	24 20	—	—	—	—	—	—	—
Quetta —	—	—	—	—	21 05	17 02	—	—	—	—	—	—	—	29 05	27 08
Sharjah —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sylhet —	No	Ascent	—	—	—	—	—	—	—	—	—	—	—	—	—
Veraval —	—	—	—	—	—	—	—	—	—	29 14	21 15	22 13	—	—	—

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
Bagra —	18 17	18 14	20 18								
Chittagong —		15 06	12 06	09 11	—	—	—	—	—	—	—
Dacca —	09 03	09 09	08 15	09 12	—	—	—	—	—	—	—
Chittagong —	18 25	19 28	30 27	—	—	—	—	—	—	—	—
Cox's Bazar —	18 15	18 14	18 21	—	—	—	—	—	—	—	—
Dacca —	16 24	18 16	19 14		—	—	—	—	—	—	—
Dalbandin —	—	—	08 04	05 05	06 05	04 06	18 07	13 18	14 13	16 19	—
D.I. Khan —	—	—	—	—							
Drosh —	—	—	—	04 06	20 02	16 07	04 03	26 05	23 16	26 15	25 22
Fort Sandeman —	—	—	—		04 03	08 08	07 10	09 10	20 04	21 15	24 15
Jacobabad —	08 09	07 10	07 10	06 19	05 18	07 09	08 10	10 12	14 17	19 22	12 23
Jessore —	17 15	17 16									
Kalat —	09 08	13 06	15 02	04 02	02 06	02 12	06 16	—	—	—	—
Kiruni —	15 10	14 06	12 04	—	—	—	—	—	—	—	—
Karachi —	26 07	03 12	03 19	04 17	—	—	—	—	—	—	—
Khairpur —	08 04	06 08	05 12	05 15	04 22	06 22	05 17	05 16	—	—	—
Lahore —	14 05	11 04	12 08								
Multan —	08 06	09 06	09 08	06 11	05 12	05 23	—	—	—	—	—
Muscat —	—	—	—								
Panjgur —	—	—	—	36 07	35 16	07 12	—	—	—	—	—
Peshawar —	—	04 03	14 03	18 04	31 03	31 05	33 06	35 13	—	—	—
Quetta —	—	—	—		06 02	36 06	06 06	12 17	15 19	48 16	14 07
Sharjah —	—	—	—	—	—	—	—	—	—	—	—
Sylhet —	18 12	20 13	—	—	—	—	—	—	—	—	—
Veraval —	—	—	—	—	—	—	—	—	—	—	—

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.0	16.2	18.0	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 11	20 16	29 18	21 21	21 19	21 14	31 14	12 04	09 13	09 15	08 27	08 32	10 36	08 34	08 45	—	—	—
Karachi —	33 09	01 12	05 13	05 12	05 12	05 19	05 21	17 17	13 19	14 19	13 23	13 31				—	—	—
Peshawar —	MISDA															—	—	—
Quetta —																		

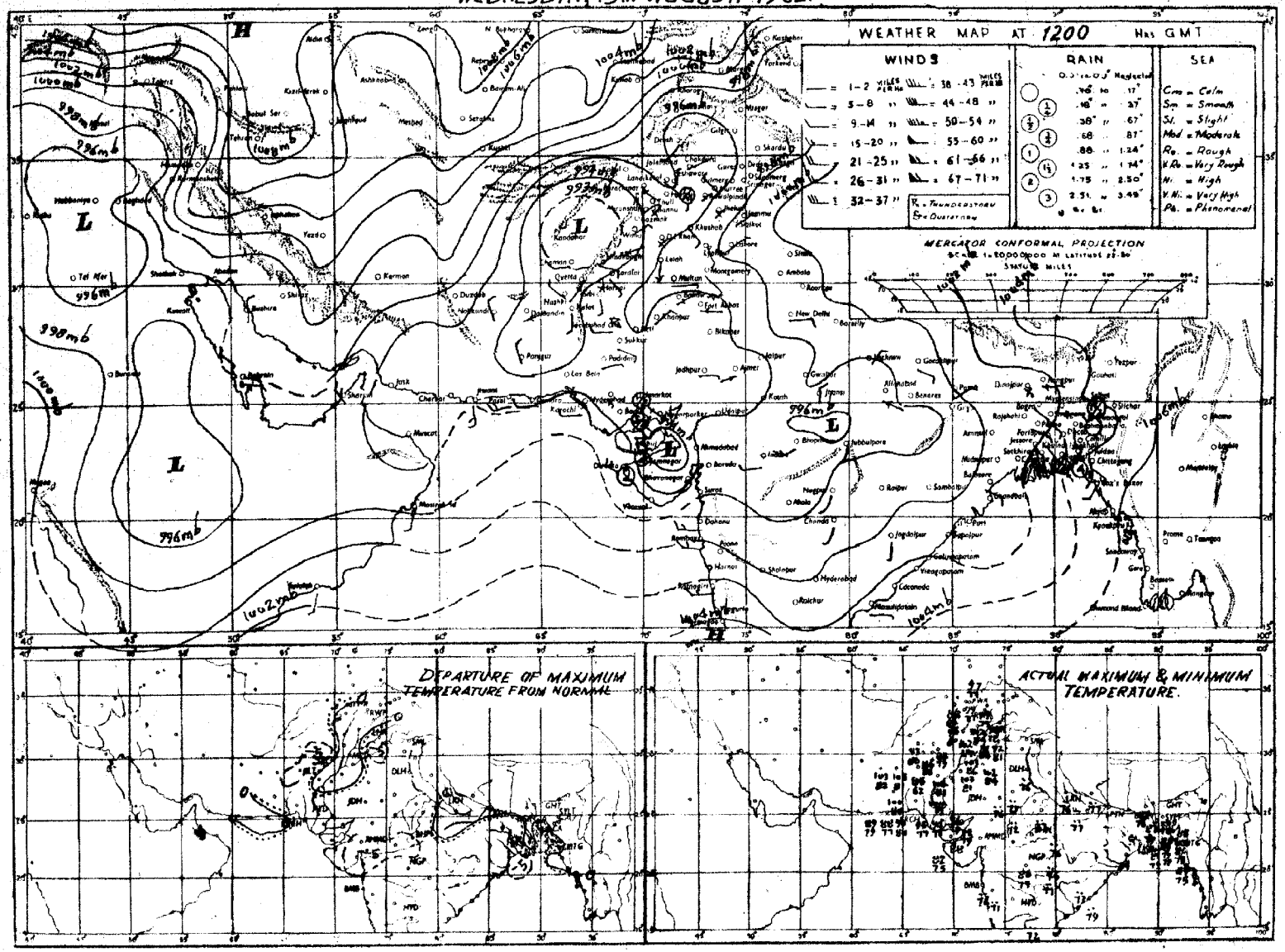
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGHh Cdd VvVv 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

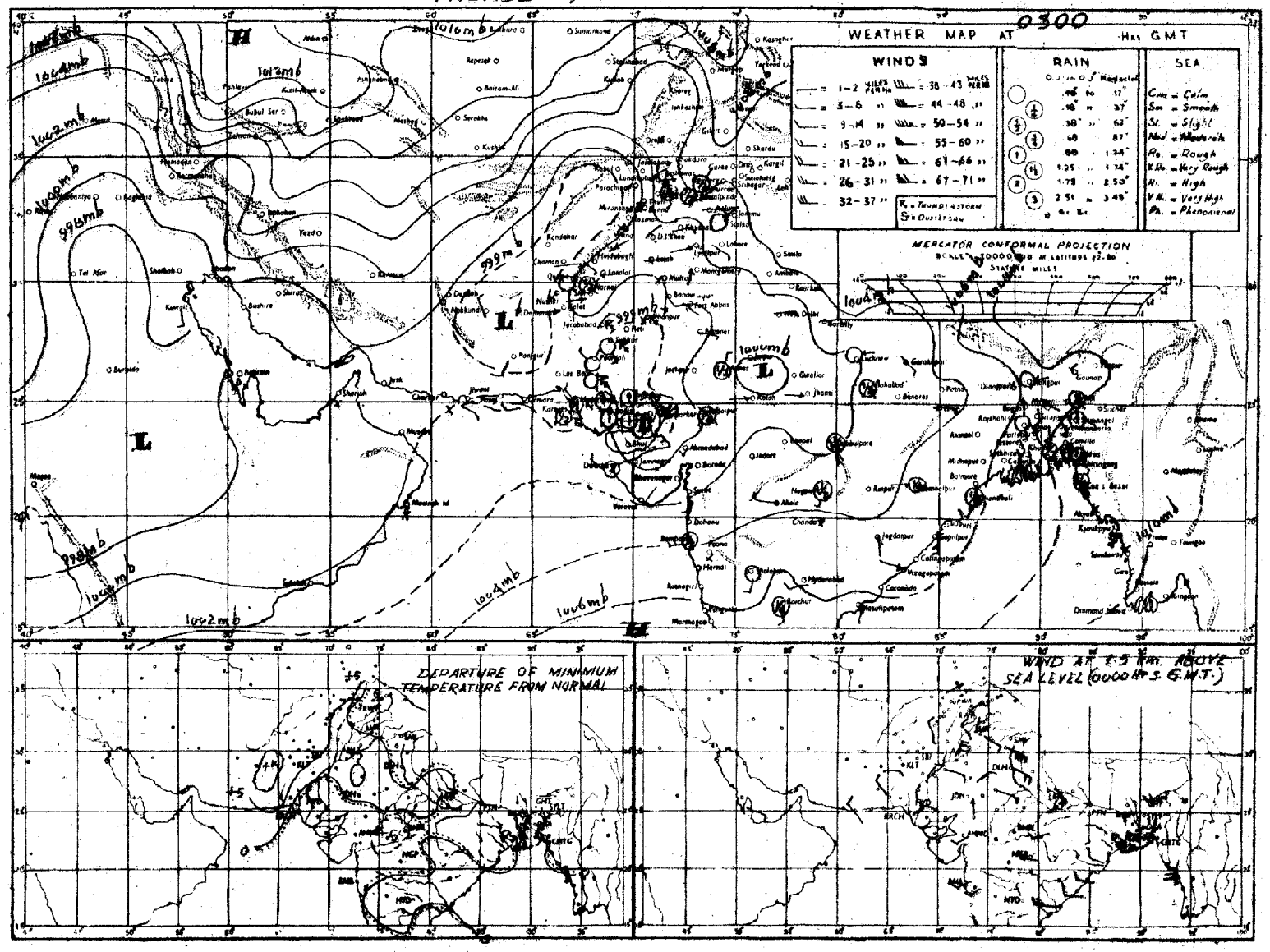
WEDNESDAY, 15th AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY, 16th AUGUST, 1962.



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

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Reg. No. S-1457
Volume No. 16

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 17th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's westerly low pressure wave over Peshawar division is moving away across Rawalpindi division and Kashmir. It has caused scattered thunderstorm/showers in Rawalpindi, Bahawalpur and Peshawar divisions and a few duststorms in Sargodha division and light rain in Quetta division.

Another westerly low pressure wave lies over Afghanistan and adjoining areas.

The well marked low over Saurashtra and Kutch weakened and today lies as a trough of low extending from West Rajasthan to Kutch. Under its influence thunderstorm/showers have been fairly widespread in Khairpur division and scattered in Karachi and Hyderabad divisions.

Axis of monsoon trough runs across Utter Pradesh to West Bengal.

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

Chief amounts of rainfall are :—Sylhet 1", Jacobabad and Sukkur 3/4" each, Sirajganj and Parachinar 1/2" each and Rangamati, Cox's Bazar, Barisal, Jessore, Bogra and Umerkot 1/4" each.

Day temperatures were 3—4 °F (1—2 °C) below normal in Kalat division outside coastal districts and in central parts of Peshawar division.

Forecast valid until the evening of 18th August, 1962 :—Fairly widespread rain/thundershowers will occur in Rawalpindi division and Kashmir, local in East Pakistan, Quetta, Peshawar, Sargodha and Lahore divisions and scattered thunderstorm/showers elsewhere over West Pakistan outside Kalat and Karachi divisions.

M. AZHAR ADIL
for Director, Meteorological Service.

Karachi-11
The 17th August, 1962.

OBSERVATIONS

Divisions	Stations (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots f (7)	Horizontal visibility † VV (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots f (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths) PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1962 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1962 to date (41)	Rainfall Annual Normal (42)
		AT 1200 Hrs. G.M.T. of Previous day																	At 0300 Hrs. G.M.T. of date																						
Chittagong	Rangamati	024	4	6	18	05	96	05	6	073	78	3	5	4	7	0	78	85	029	9	7	18	05	95	60	6	111	81	1	6	4	2	0	75	77	—	—	38.1	—	45.0	—
	Cox's Bazar	014	8	8	16	05	97	21	4	066	79	6	4	5	2	x	76	84	036	6	7	16	05	97	21	6	100	80	4	8	4	7	0	77	71	— 1	— 5	85.0	+ 1.8	95.8	140
	Chittagong	002	9	8	18	10	97	03	6	054	81	8	6	5	x	x	76	83	010	4	8	13	10	97	02	6	096	79	8	6	5	x	x	75	76	— 3	0	59.3	+ 2.7	72.8	108
	Maijdee Court	000	9	5	13	09	96	03	2	056	83	5	6	6	0	0	76	85	010	3	8	xx	xx	96	00	6	087	90	4	4	3	2	x	77	77	0	— 1	59.5	+ 0.3	77.9	115
	Comilla	000	0	8	18	09	96	02	2	041	78	8	4	4	x	x	75	87	002	0	8	18	08	97	82	2	060	79	8	4	4	x	x	78	78	0	+ 2	41.7	— 2.8	53.9	94
	Brahmanbaria	000	0	5	18	09	97	03	1	049	84	5	5	5	0	0	75	87	016	8	7	13	09	97	03	6	081	83	7	5	5	0	0	76	77	—	—	30.6	— 3.6	48.3	78
	Sylhet	028	3	8	18	05	95	49	6	043	76	7	5	5	2	x	75	87	122	9	8	09	05	96	60	6	083	78	6	5	5	2	x	76	75	—	—	65.7	—	91.8	—
	Srimangal	000	0	4	00	00	95	17	2	047	83	4	4	3	0	0	76	88	000	0	8	11	09	94	04	2	082	88	8	0	4	0	0	74	77	— 2	+ 1	40.8	+ 0.4	31.2	98
Dacca	Mymensingh	000	0	6	00	00	97	02	1	042	86	4	4	4	0	0	77	87	000	0	8	00	00	97	02	1	076	84	8	0	8	2	x	78	79	0	+ 1	33.5	— 8.4	38.5	91
	Narayanganj	000	9	7	18	05	96	03	2	047	85	8	4	1	x	x	77	89	000	9	8	13	07	97	02	2	074	85	8	8	2	x	x	78	79	+ 7	0	27.1	— 5.5	44.2	74
	Dacca (Tejgaon)	012	5	7	18	05	97	03	6	040	83	2	8	4	5	3	76	88	012	9	7	18	09	97	02	6	070	83	6	4	4	2	0	78	79	—	—	26.6	—	41.4	—
	Faridpur	000	0	5	16	42	96	02	2	019	86	3	3	6	1	8	77	87	004	0	7	16	05	97	02	6	074	83	4	5	4	1	0	77	79	0	+ 1	22.1	—10.2	37.0	71
Khulna	Barisal	020	4	6	13	05	96	02	6	057	80	4	7	6	4	0	77	86	034	4	6	18	02	97	02	4	081	80	6	7	6	x	x	77	79	— 1	+ 1	34.8	— 5.0	47.7	81
	Khulna	000	0	5	18	05	97	01	2	040	82	5	4	4	0	0	78	87	000	0	6	00	00	97	03	2	074	xx	6	5	4	0	0	79	79	0	+ 1	25.6	— 8.8	33.1	68
	Satkhira	000	0	4	18	02	97	03	2	061	84	2	2	6	3	0	77	89	000	0	6	00	00	97	03	2	069	84	3	4	6	2	0	78	79	+ 1	+ 1	30.3	— 1.7	37.5	65
	Jessore	004	6	6	18	02	97	02	6	042	82	4	4	5	6	0	79	89	035	4	8	18	09	96	03	4	063	83	8	7	5	x	x	79	77	—	—	19.6	— 11.5	29.2	65
Rajshahi	Pabna	006	4	7	13	02	97	01	6	027	82	7	6	4	7	0	80	90	006	0	8	13	19	97	03	2	060	81	5	7	7	7	x	77	79	—	—	19.0	—	42.5	59
	Sirajganj	058	2	8	13	02	97	50	5	032	78	8	7	4	0	0	75	87	058	x	8	18	05	97	02	2	002	82	8	4	5	0	0	78	xx	0	—	25.5	— 4.6	37.7	64
	Bogra	022	2	7	18	02	76	02	6	037	81	3	5	5	6	0	78	89	022	0	8	23	08	96	03	2	062	81	7	7	4	2	x	77	79	0	+ 1	27.6	— 5.0	40.1	69
	Dinajpur	000	0	6	00	00	96	02	2	009	86	6	0	9	2	0	77	89	000	9	7	00	08	96	02	2	051	81	7	2	7	3	0	78	76	0	— 2	23.5	— 12.2	30.2	72
	Rangpur	004	8	4	13	02	96	01	6	002	84	2	2	6	1	0	79	97	004	0	7	13	05	96	03	2	058	91	7	5	6	0	0	78	79	— 2	+ 1	33.2	— 7.8	51.4	84
Kashmir	Jammu																																								
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	96	01	1	984	92	1	2	7	3	0	77	95	000	0	1	13	03	96	02	0	996	87	1	2	7	0	0	78	82	— 2	— 4	7.4	— 2.6	13.8	39
	Sialkot	000	0	0	00	00	59	00	0	983	90	0	0	0	0	0	77	91	000	0	0	00	00	98	00	0	998	87	0	0	9	0	0	80	78	— 3	0	10.4	— 5.8	16.8	32
Rawalpindi	Jhelum	000	7	3	13	03	98	02	5	984	92	1	1	7	0	1	75	92	000	7	5	00	00	97	01	1	996	86	3	8	6	3	0	77	82	—	—	9.9	—	15.9	
	Rawalpindi	000	0	2	09	03	59	00	0	924	89	2	2	7	0	0	76	90	010	0	6	08	02	59	02	2	003	81	6	5	6	0	0	77	75	— 4	0	12.1	— 3.7	23.7	36
	Campbellpur	000	0	6	00	00	97	02	2	928	96	2	8	8	1	1	75	96	000	2	7	13	02	99	02	2	976	02	9	0	7	0	2	71	77	—	—	5.6	—	5.9	—
Sargodha	Khushab	000	0	3	13	08	97	01	1	989	xx	1	1	8	0	0	87	98	000	0	2	05	05	96	05	0	995	98	2	1	8	0	0	78	86	— 2	+ 5	1.1	— 6.2	6.1	15
	Lyallpur	000	0	5	35	42	96	02	3	982	97	3	0	9	4	0	76	97	000	0	4	16	02	96	02	2	999	89	0	0	9	0	4	79	85	— 1	+ 5	3.1	— 3.1	6.9	12
Multan	Montgomery	000	0	0	16	02	96	02	0	985	09	0	0	9	0	0	71	00	000	0	0	18	02	96	02	0	988	90	0	0	9	0	0	76	84	— 1	+ 2	5.6	0	8.1	10
	Multan	000	0	3	00	00	98	01	0	964	01	2	0	9	4	1	70	02	000	0	0	00	00	97	02	0	979	92	0	0	9	0	0	76	88	+ 4	+ 5	0.3	— 3.5	2.0	7
	Leiah	000	0	6	16	03	97	01	2	987	98	0	1	8	0	0	73	10	000	0	1	18	01	97	02	0	001	92	0	0	9	3	0	60	64	—	—	1.5	—	3.3	8
Bahawalpur	Khanpur	000	4	6	13	03	96	17	9	970	93	4	9	6	3	0	77	04	000	9	3	23	02	96	02	9	983	87	0	0	9	0	4	79	82	+ 1	+ 1	3.4	— 0.5	4.4	6
	Bahawalpur	000	0	1	09	02	98	00	0	966	01	1	0	9	0	0	74	02	000	0	0	00	00	98	00	0	991	91	0	0	9	0	0	81	90	+ 2	+ 9	1.4	— 2.2	2.1	6
	Fort Abbas	000	0	0	07	12	98	00	0	952	03	0	0	9	0	0	98	05	000	0	0	00	00	98	00	0	996	51	0	0	9	0	0	78	86	—	—	0.6	—	0.9	8
Peshawar	Chakdara	000	0	0	18	01	97	00	0	954	89	0	0	9	0	0	76	90	000	0	0	18	02	97	00	0	978	85	0	0	9	0	0	75	97	—	—	4.4	—	13.6	—
	Peshawar	000	0	4	36	05	57	03	1	968	93	3	8	6	0	1	78	95	000	0	4	34	01	98	01	1	996	85	1	1	6	3	0	79	78	— 3	— 1	0.2	— 2.9	6.8	11
	Haripur	000	0	0	23	01	96	00	0	975	90	0	0	9	0	0	76	91	000	4	6	05	01	96	03	5	997	80	6	0	9	7	0	76	72	—	—	12.6	—	19.3	—
D. I. Khan	Bannu	000	0	4	13	01	99	01	1	955	99	0	0	9	0	3	73	00	000	3	7	00	00	99	03	1	972	97	0	0	9	0	8	76	86	—	—	0.6	—	3.7	11
	D. I. Khan	000	0	0	00	00	98	00	0	960	01	0	0	9	0	0	60	02	000	7	6	09	02	98	02	1	983	[illegible]	0	0	9	6	0	81	85	+ 2	+ 4	0.6	— 3.5	3.5	9
Quetta	Sibi	000	9	0	13	02	97	03	1	978	91	4	1	9	4	2	60	07	000	2	7	00	00	97	03	1	989	86	5	2	9	4	2	77	83	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	4	8	34	05	68	62	0	945	04	9	0	9	0	0	41	05	000	0	0	36	25	96	07	2	995	86	0	0	9	0	0	36	78	—	—	0	—	0.1	3
	Turbat	000	0	8	37	02	97	03	0	975	96	5	3	9	5	0	01	97	000	0	2	23	01	97	01	2	999	90	0	0	9	7	0	71	xx	—	—	1.8	—	4.4	—
	Jiwani	000	0	7	36	34	97	01	2	989	15	7	0	9	4	0	78	67	000	0	8	23	07	97	02	2	006	82	0	0	9	2	x	76	81	—	—	1.2	—	1.9	3
	Pasni	000	6	6	16	12	97	02	1	986	86	0	0	5	4	3	74	69	00	3	8	20	05	96	02	2	018	82	4	2	7	4	0	72	78	0	+ 2	0	— 0.9	0.2	6
Karachi Division	Ormara	000	8	8	27	12	94	03	5	973	86	8	1	6	1	0	77	88	000	0	6	27	09	94	03	2	995	84	6	0	9	!	0	79	80	—	—	1.0	+ 0.2	2.0	6
	Lasbela	000	0	4	36	10	58	04	0	985	[illegible]	4	0	9	4	0	82	02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				8
	Karachi (Manora)	000	0	8	27	12	96	03	2	979	85	0	0	9	2	0	75	89	000	0	4	00	00	96	01	1	002	83	0	0	9	0	3	77	81	+ 4	+ 3	3.7	— 1.3	3.7	8
	Karachi (Airport)	000	0	8	25	07	56	03	2	976	67	5	5	6	2	x	60	93	015	9	4	27	07	96	01	9	001	81	1	0	9	3	1	77	77	—	—	4.9	—	4.9	—
Hyderabad	Nagarparkar	000	0	8	36	0	97	00	0	543	85	0	8	7	0	0	78	92	000	0	5	31	01	97	00	0	990	83	0	5	7	0	0	79	67	—	—	4.0	—	4.9	—
	Umerkot	040	4	8	02	02	96	04	5	972	88	8	0	6	0	0	81	94	019	0	8	20	01	96	04	0	994	83	8	9	7	0	0	81	82	—	—	5.3	—	5.4	—
	Hyderabad	000	0	6	00	00	97	02	2	976	93	4	0	9	3	1	81	95	000	0	5	20	05	97	02	2	003	81	5	0	9	3	0	77	81	0	— 2	4.3	— 0.5	5.1	7
	Badin	000	0	8	00	00	97	01	1	996	87	8	0	9	0	1	67	53	00	0	0	00	00	97	00	0	013	83	0	0	9	0	0	79	79	+ 1	0	3.5	— 2.0	4.1	9
Khairpur	Padidan	000	0	6	27	02	98	03	0	573	97	3	2	6	2	0	80	01	000	0	7	00	00	98	03	9	994	87	7	0	9	2	0	78	82	—	—	2.2	—	2.8	—
	Nawabshah	000	0	x	xx	xx	96	22	2	978	97	4	1	6	3	0	81	99	000	0	7	18	05	96	02	9	006	84	7	0	9	7	0	81	80	—	—	2.5	—	2.9	—
	Sukkur	000	8	6	13	02	97	03	2	571	97	8	0	9	9	0	83	00	068	9	6	00	00	97	03	9	988	84	6	0	9	6	0	80	79	—	—	2.7	—	2.7	4
	Kashmore	000	1	8	05	03	95	17	9	964	03	8	1	2	0	0	69	xx	000	0	6	00	00	99	02	2	969	82	6	1	4	0	0	67	74	—	—	0.5	—	0.5	—
	Jacobabad	066	4	8	36	03	96	17	9	991	79	4	9	4	2	x	78	04	069	9	6	33	03	97	01	9	990	65	7	0	9	7	0	79	78	+ 1	— 4	1.0	— 1.0	1.9	4
Junagadh	Veraval	xxx	2	7	27	08	96	0	2	085	81	3	7	4	5	0	75	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					20
Afghanistan	Jalalabad																																								
Arabia	Muscat																																								
	Kuwait																																								
	HILL STATIONS																																								
Kashmir	Srinagar *	xxx	x	2	09	03	97	02	0	405	95	1	1	6	0	1	61	xx	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					
	Gulmarg **																																								
	Sonamarg **	xxx	x	6	14	02	96	02	3	985	82	6	6	0	2	1	49	xx	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					
	Dras **																																								
	Leh *	000	0	7	00	00	96	02	2	333	8	4	5	6	1	0	52	64	000	0	8	00	00	97	02	2	392	65	3	6	4	2	0	54	62	—	—				
	Skardu **	000	0	5	27	05	98	01	0	547	53	1	8	4	0	4	19	77	000	0	4	05	02	98	01	0	092	68	0	0	9	3	0	34	55	—	—				
	Misgar *																																								
	Allabad *																																								
	Gilgit *	000	0	0	00	00	97	02	2	414	68	8	5	7	5	x	13	95	000	0	0	00	00	99	00	0	426	83	0	0	9	0	0	61	66	—	—				
Rawalpindi	Murree *	000	4	7	29	12	56	02	4	427	68	5	5	4	0	8	63	79	000	9	4	00	01	97	02	1	443	46	5	5	2	0	0	62	60	+ 2	+ 3	20.1	— 5.4	38.5	59
Peshawar	Drosh *	000	0	3	[illegible]	[illegible]	58	05	4	392	94	1	7	6	0	0	53	99	000	2	1	00	00	98	05	4	439	81	1	2	6	0	0	63	77	+ 4	+ 5	4.3	—	16.2	88
	Cherat *	000	0	1	[illegible]	[illegible]	[illegible]	03	0	39[illegible]	82	1	1	9	0	0	73	91	000	0	9	18	03	96	11	4	392	73	9	1	0	1	1	73	65	+ 5	— 5	8.1	0	32.2	29
	Kakul *	000	8	4	22	05	57	12	1	432	8[illegible]	4	2	4	0	0	70	83	000	9	4	09	02	97	02	1	439	75	4	4	6	0	0	69	70	—	—	22.0	—	37.6	—
	Landikotal *	000	0	5	13	05	97	03	0	414	82	5	5	7	0	0	74	60	000	0	7	05	02	97	01	2	414	78	7	7	6	1	1	72	74	—	—	0.5	—	12.2	—
	Parachinar *	052	3	5	23	02	59	13	6	453	73	5	1	9	1	0	65	65	052	0	0	00	00	99	00	0	446	69	0	0	9	0	0	62	68	0	— 4	6.2	—	19.7	25
D. I. Khan	Miranshah *	000	0	8	11	05	98	03	2	433	95	8	4	8	0	0	69	94	000	0	0	00	00	59	00	0	422	83	0	0	9	0	0	67	80	—	—	0.3	— 3.2	2.0	13
	Wana *	000	0	5	05	03	58	00	0	505	85	5	1	9	0	0	57	91	00	0	7	00	00	95	01	1	505	75	7	0	9	7	0	66	77	—	—	4.1	—	11.4	11
Quetta	Fort Sandeman *	000	0	6	07	01	99	03	6	414	67	4	5	7	3	0	59	97	000	0	4	25	01	59	03	0	448	77	4	0	8	3	0	65	74	0	+ 1	4.7	+ 0.7	9.4	11
	Hindubagh *	000	0	6	13	05	97	00	0	390	59	0	0	9	0	8	64	92	000	0	3	25	05	97	00	0	411	78	0	0	9	0	8	63	69	—	—	0.8	—	4.6	—
	Loralai *	000	0	6	16	03	99	01	2	414	87	0	0	9	2	1	63	92	000	0	3	16	03	99	01	0	431	81	0	0	9	1	1	66	71	—	—	0.9	—	4.6	9
	Harnai *	000	0	8	18	09	97	20	2	416	87	8	9	5	0	0	65	96	005	0	4	31	05	97	01	0	414	82	4	1	5	1	0	72	76	—	—	3.9	— 1.5	7.1	14
	Quetta *	000	0	8	13	02	96	02	0	421	86	8	6	5	0	0	78	90	000	9	6	00	00	56	03	2	439	76	0	0	9	0	9	67	67	—	—	0.1	— 0.9	4.3	9
	Chaman *	000	0	6	27	05	98	02	1	404	98	6	0	9	2	0	47	99	000	0	6	13	05	98	02	1	430	82	6	2	5	0	0	47	78	+ 1	+ 6	0	— 0.1	1.3	
	Nushki *	000	9	4	31	05	98	03	0	427	00	4	0	9	3	0	60	02	000	9	8	09	05	98	03	0	444	83	9	3	6	0	0	55	78	—	—	0	—	1.6	—
	Dalbandin *	000	8	7	05	05	96	03	2	429	00	1	3	7	7	0	45	02	000	9	5	00	00	96	01	2	438	82	4	0	9	5	1	43	79	— 3	+ 8	0	— 0.2	7.1	4
Kalat	Kalat *	000	0	8	11	03	96	03	2	418	83	8	4	8	5	0	73	86	000	0	8	27	03	96	02	2	443	74	6	0	3	3	2	67	65	— 3	+ 8	0.2	— 0.9	2.1	7
	Panjgur *	000	0	6	31	08	96	12	2	437	95	6	5	6	0	8	50	97	000	0	5	00	00	97	02	0	443	78	5	0	9	7	0	61	77	— 3	+ 4	0.3	—	1.3	5
Afghanistan	Kabul *																																								
	Kandhar *																																								

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 17th AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$0T_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Udomaru	53 216	630 00	8 27 12	97 0 32	010 79	47 4 2x	75 4 00	—	05 2 73	12 7 22
Esso Pembrokeshire	52 262	568 00	8 19 04	98 0 22	984 89	00 9 97	—	—	...	...
Caltex Leiden	53 249	607 06	6 00 00	97 0 21	009 82	60 6 70	...	...	05 1 77	10 0 0x
Shams	53 080	772 06	4 29 12	98 0 20	101 81	xx x 99	76 1 xx	—	00 1 78	12 9 33
Isocardia	53 230	595 06	6 12 61	98 0 22	018 82	60 6 3x	36 1 06	...	05 5 77	11 3 21
Arabistan	53 242	582 12	5 35 05	97 0 32	092 92	35 4 70	74 4 00	...	00 0 68	...
Isocardia	57 426	598 12	6 19 10	97 0 22	010 79	60 7 5x	76 7 05	...	30 1 76	11 9 21
Isanda	53 177	558 12	0 20 35	97 0 20	980 82	00 9 00	16 7 40	...	01 2 70	12 0 21
Caltex Leiden	53 257	635 18	8 00 00	97 0 22	006 82	80 7 2x	...	...	05 4 79	10 0 x0
Bay of Bengal										
Mehdi	53 161	88 100	8 18 09	99 0 32	14x 82	13 x xx	—	...	—	...
Mehdi	53 184	89 618	6 20 13	99 0 32	13x 82	13 x 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
			HHHTTTTdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	—	—	—	144 195 178	...	311 132 092	438 038 535	584 538 572	758 615 162	971 768	252 968	—	...
Jiwani														
Karachi	00 00	995 272 225	517 xxx xxx	...	140 218 998	...	307 145 995	435 075 995	578 000 998	753 682 998	969 740	252 948	439 070	...
Lahore	00 00	976 300 250	501 xxx xxx	...	140 275 158	...	315 198 022	446 145 588	598 080 990	777 000 990	010 580	...	—	...
Multan														
Peshawar	00 00	MISDA	—	...	—	...					—	—	...	...
Quetta	00 00	826 218 162	...	...	...	...	311 190 000	441 130 990	592 065 985	773 510 990	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	004 272 248	900 215 192	800 175 148	560 002 565	350 708 735	250 882 692	...	...	...	250 892 692	...	—
Jiwani													
Karachi	00 00	900 210 xxx	800 200 xxx	350 640 xxx	250 860 xxx	010 100 xxx	—	—	—	...	010 100 xxx	...	—
Lahore	00 00	900 292 188	800 255 112	...	...	...	...	...	...	...	800 255 112	...	...
Multan													
Peshawar	00 00	MISDA		...	—	—	...	—	—	—		...	...
Quetta	00 00	808 215 068	772 232 005	...	...	...	...	...	...	...	772 232 005	...	...

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	18 15	18 18	19 19	22 19	22 22	23 17	...	—	—
Chaklala	...	14 08	16 09	13 04	33 03	33 05	—	—	—
Chhor	16 06	30 07	11 10	08 15	08 15	08 12	07 07	07 07	04 06
Chittagong	18 24	...	...	—	—	...	—	—	...
Cox's Bazar	18 17	18 17	—	—	—	—	—	...	...
Dacca	18 21	19 23	19 29	21 26	21 23	22 19	23 15	—	...
Dalbandin	—	—	03 06	04 04	36 07	02 01	13 13	16 12	18 17
D. I. Khan	—	—	—	—	...	...	—	...	...
Drosh	...	...	...	...	21 22	19 20	22 23	23 10	33 05
Fort Sandeman	...	...	...	12 14	09 08	36 05	—	—	—
Jacobabad	02 17	35 23	32 36	32 37	...	...	...	...	...
Jessore	18 23	19 25	19 25	19 25	—	...	...	...	...
Jhelum	13 04	13 06	13 04	18 05	03 07	35 10	32 21	30 15	28 21
Jiwani	17 15	16 13	17 09	06 06	33 14	35 19	36 09	—	...
Karachi	26 10	27 06	06 05	04 17	...	...	...	...	...
Khanpur	13 12	11 07	05 06	05 13	06 13	13 07	11 01	33 02	34 12
Lahore	02 08	02 12	02 10	08 06	12 08	...	...	...	—
Multan	08 12	08 10	08 12	07 05	05 12	05 18	...	...	...
Muscat	—	—	...	...		...	—	...	...
Panjgur	—	...	...	35 08	04 09	—	—	...	...
Peshawar	...	...	...	—		—	—	...	...
Quetta	—	...	...	—	17 04	18 03	10 06	...	...
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	19 18	19 27	21 30	...	...	...
Chaklala		25 23	27 16	28 12	—	...
Chhor	33 05	29 02	23 02	13 04	...	...
Chittagong	No	Ascent	—	—	...	...
Cox's Bazar	19 13	20 15	20 17	...	—	...
Dacca	19 17	20 22	21 15	21 21	22 21	22 22
Dalbandin	...	...	07 02	08 05	07 03	28 05
D. I. Khan	—	...	...	...	...	...
Drosh	...	—	—	22 03	21 04	25 02
Fort Sandeman	...	...	...	17 02	34 02	30 07
Jacobabad	31 07	01 06	31 03	06 03	02 10	—
Jessore	20 19	20 26	21 27	20 29	31 23	...
Jhelum	—	—	—	...	—	...
Jiwani	12 06	22 05	25 06	06 05	36 08	02 15
Karachi	—	...	...	—	—	—
Khanpur	35 08	30 13	35 18	04 12	03 04	...
Lahore	14 07	20 10	21 16	31 04	01 12	36 15
Multan	12 07	15 06	16 06	01 01	04 07	03 11
Muscat	...	—	...	...	...	—
Panjgur	—	...	—	27 07	33 09	...
Peshawar	...	36 03	36 01	29 07	26 08	31 07
Quetta	...	—	...	—	08 01	20 06
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	18 21	20 17	...	—	—	...	—	...	—	...	...
Chaklala	...	17 03	14 03	23 05	25 05	...	—	...	—	...	—
Chhor	10 10	18 04	22 61	—	—	...	—	...	...	—	...
Chittagong	17 15	19 21	30 23	20 29	—	...	—	—	...	...	...
Cox's Bazar	17 14	17 16	—	...	...	...	—	—	—	...	...
Dacca	19 17	19 19	20 26	...	...	—	—	...	...	...	...
Dalbandin	—	—	08 09	03 08	36 07	28 05	15 14	15 08	12 12	13 14	12 09
D. I. Khan	...	...	...	—	—	...	...	...	...	...	...
Drosh	...	—	—	—	23 04	16 03	01 19	36 21	36 28	35 33	—
Fort Sandeman	—	...	...	23 05	19 06	31 15	30 02	16 08	...	—	...
Jacobabad	28 07	28 05	28 03	09 07	07 07	06 07	05 15	...	—	—	—
Jessore	No	Ascent	...	...	...	...	...	—	...	...	—
Jhelum	09 01	18 02	19 01	32 05	31 10	...	...	...	—	...	—
Jiwani	27 04	27 09	28 07	31 09	02 10	08 16	11 10	10 10	...	...	...
Karachi	31 07	34 06	35 05	06 11	05 13	04 10	09 12	18 14	11 15	11 19	10 19
Khanpur	20 04	26 03	25 03	20 02	27 04	31 05	...	—	—	—	...
Lahore	24 02	24 03	24 04	30 02	34 04	36 12	35 15	32 10	32 21	29 25	...
Multan	18 02	20 03	19 03	10 06	09 10	08 12	02 13	04 06	29 03	31 11	...
Muscat	—	—	...	—	...	...	—	...	—	...	...
Panjgur	—	...	—	34 11	36 17	02 13	...	...	...	—	...
Peshawar	—	03 02	33 02	26 03	25 04	28 08	...	—	...	...	...
Quetta	—	—	—	—	28 05	36 07	...	...	...	...	...
Sharjah	...	—	...	—	—	...	...	...	...	...	...
Sylhet	17 08	18 20	20 21	20 23	—	—	...	—	—	...	—
Veraval	—	—	...	...	—	...	—	—	...	—	—

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

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

Height in g. p. Kms. a.s.l. → 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	08 18	19	20 21	21 20	23 09	22 10	16 07	12 11	05 20	04 35						—	...	—
Karachi	30 07	33	03 04	05 06	06 10	07 14	07 14	07 43	08 14	05 12	09 15	11 21	10 40	09 36	09 44	—	...	—
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.

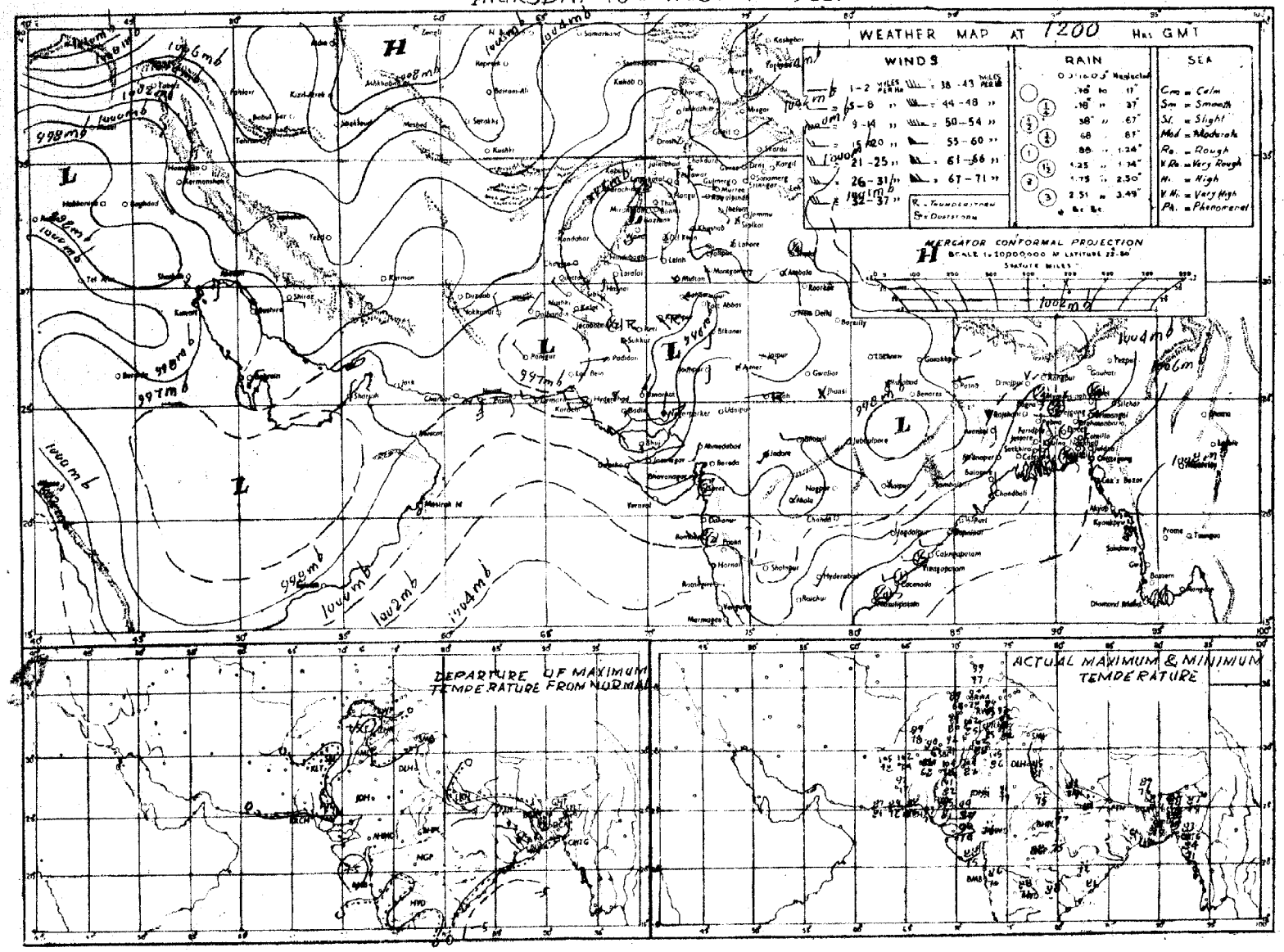
Cloud observation Data (GGiii Cdd V_rV_r etc.)

12 917 32 202 05 661 63 508 06 520 32 205
11 739 60 711 05 739 55 113

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

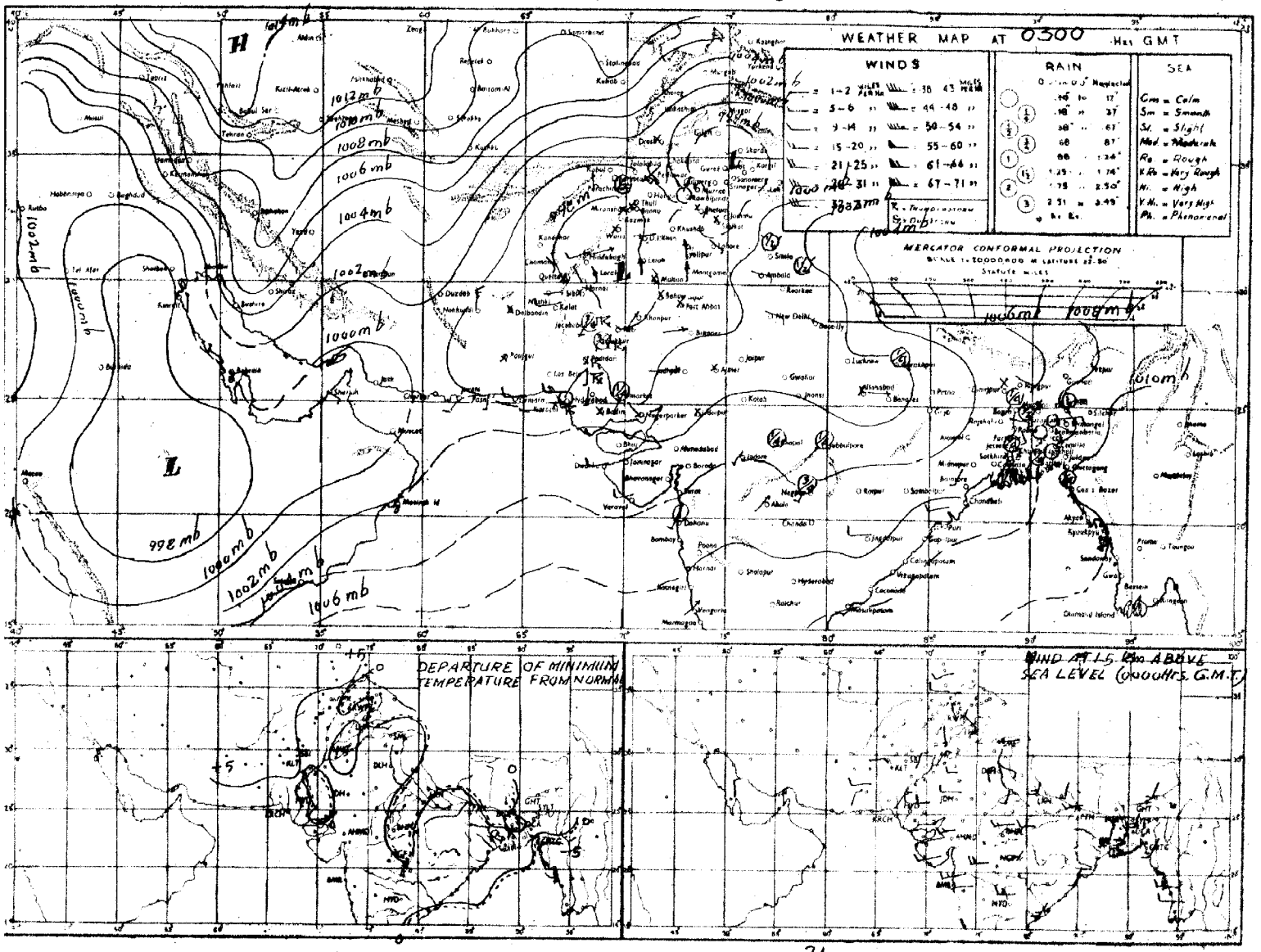
THURSDAY 16th AUGUST. 1962.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 17th AUGUST, 1962.



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

Monthly Subscription

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Reg. No. S-1457
Volume No. 16

SATURDAY, THE 18th AUGUST, 1962.

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

Yesterday's westerly low pressure wave over Afghanistan lies today over D. I. Khan division and adjoining areas.

The low pressure wave over Rawalpindi division and Kashmir moved away northeastwards.

Uuder their combined influence rain or thundershowers have been widespread in Lahore division, fairly widespread in Rawalpindi division and scattered in Multan division. Local thunderstorm/showers have also occured in Peshawar division and Sargodha division.

The trough of low over West Rajasthan and Kutch has become unimportant after causing scattered showers in Hyderabad division.

Axis of monsoon trough has shifted northwards and extends from northern parts of Utter Pradesh to northern districts of West Bengal. Rain/thundershowers have been widespread in Chittagong division and fairly widespread elsewhere over East Pakistan.

Chief amounts of rainfall are :—Dinajpur 4", Lahore 2", Rangpur 1½", Majidee Court, Sylhet, Sialkot, Jhelum and Parachinar 1" each, Pabna, Sirajganj Rawalpindi and Montgomery 3/4" each, Rangamati, Brahmanbaria, Narayanganj, Khulna, Satkhira, Jessore, Murree and Nagarparker 1/2" each and Cox's Bazar, Chittagong, Comilla, Srimangal, Mymensingh and Dacca 1/4" each.

Day temperatures were 3—7 °F (2—4 °C) above normal in Peshawar, Rawalpindi, D. I. Khan, Sargodha, Multan and Bahawalpur divisions and 4—6 °F (2—3°C) below normal in Rajshahi division and northern districts of Chittagong division.

Forecast valid until the evening of 19th August, 1962 :—Fairly widespread rain/thundershowers will occur in East Pakistan and in Lahore, Rawalpindi divisions and Kashmir, local in Peshawar, Sargodha and Multan divisions and scattered in Quetta, D. I. Khan and Bahawalpur divisions

Heavy rainfall warning :—Locally moderate to heavy rain will fall in East Pakistan and in Lahore, Rawalpindi divisions and Kashmir during next 48 hours.

M. AZHAR ADIL
for Director, Meteorological Service.

Karachi-11
The 18th August, 1962.

OBSERVATIONS

Divisions (1)	Stations (2)		AT 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	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)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of 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)	Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	—	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	0	76	89	067	9	7	18	13	97	03	0	116	81	3	8	5	7	0	76	76	—	—	38.8	—	43.7	—
	Cox's Bazar	—	006	0	8	18	13	97	25	2	078	80	6	4	4	3	0	77	84	026	7	7	18	99	97	20	2	104	81	5	5	5	7	0	77	77	− 1	+ 1	85.2	+ 1.2	96.0	143
	Chittagong	—	012	2	8	18	09	97	01	6	xxx	77	8	7	5	x	x	77	85	027	9	7	13	14	97	02	6	100	81	7	6	5	0	0	76	76	− 1	0	59.6	+ 2.3	73.1	108
	Maijdee Court	—	070	6	8	16	09	96	03	6	064	82	6	5	5	2	x	78	85	095	9	8	16	09	96	03	6	092	83	5	5	5	2	x	77	76	0	− 2	59.4	+ 0.4	78.9	113
	Comilla	—	000	0	8	18	09	96	02	2	045	80	8	4	4	x	x	76	86	025	7	8	18	09	97	02	4	070	82	8	4	4	x	x	79	78	1	+ 2	42.0	− 3.1	48.2	94
	Brahmanbaria	—	041	5	5	18	05	97	03	6	058	83	5	8	5	0	0	80	84	053	3	7	20	09	96	21	4	003	84	7	5	5	0	0	81	78	—	—	31.1	− 3.5	48.8	78
	Sylhet	—	046	8	8	18	05	96	02	6	062	90	x	4	5	2	7	77	83	117	9	8	18	09	96	50	4	073	78	7	9	7	1	2	76	76	—	—	66.8	—	93.9	—
	Srimangal	—	000	3	6	00	00	95	02	5	053	80	6	4	0	0	0	76	84	000	0	8	18	12	94	03	5	076	81	8	4	3	0	0	76	77	− 6	+ 1	40.9	0	31.2	98
Dacca	Mymensingh	—	027	3	8	13	03	76	60	6	052	79	8	0	4	x	x	77	85	030	9	8	13	03	97	03	6	065	81	8	7	4	x	x	77	77	− 2	− 1	33.8	− 8.5	38.8	96
	Narayanganj	—	045	2	8	13	02	96	61	6	058	80	8	7	2	0	0	77	87	060	9	7	18	05	97	03	2	090	85	7	4	2	x	x	77	79	0	0	27.7	− 5.3	44.8	74
	Dacca (Tezgaon)	—	031	2	8	23	09	97	03	6	052	80	4	5	4	2	4	77	86	031	0	7	23	13	97	03	2	070	84	7	5	4	1	1	77	79	—	—	26.9	—	41.7	—
	Faridpur	—	000	6	8	20	05	96	02	2	073	81	6	4	6	1	0	77	87	008	0	8	20	07	97	02	2	071	83	6	5	6	1	0	78	80	0	+ 2	22.1	− 10.9	37.9	71
Khulna	Barisal	—	000	4	x	xx	xx	97	02	5	062	83	8	7	6	x	x	20	86	000	0	6	18	03	97	02	2	087	85	2	7	6	4	0	78	80	− 1	+ 2	34.8	− 5.5	47.7	81
	Khulna	—	039	2	7	00	00	57	01	6	054	80	7	5	6	0	0	79	88	039	0	7	19	09	97	03	2	080	85	7	5	5	0	0	79	79	+ 1	+ 1	26.0	− 8.8	33.5	60
	Satkhira	—	050	2	8	00	00	96	03	6	061	80	4	4	4	2	x	76	xx	050	0	6	20	05	97	03	2	090	85	4	4	6	2	0	76	78	—	0	30.8	− 1.6	38.0	65
	Jessore	—	016	5	8	18	03	96	03	6	058	85	8	4	5	x	x	81	99	060	9	8	28	01	96	03	6	071	83	8	7	5	x	x	77	77	—	—	20.2	− 11.2	29.8	65
Rajshahi	Pabna	—	010	[illegible]	8	16	19	97	01	6	056	80	8	0	9	7	x	78	83	070	9	7	18	13	98	01	9	064	82	4	7	7	7	0	77	77	—	—	29.7	—	43.2	59
	Sirajganj	—	080	5	8	16	05	97	02	6	040	79	8	7	1	x	x	xx	xx	080	x	8	18	05	97	02	2	066	84	8	4	5	0	8	77	76		− 3	26.3	− 4.2	38.5	64
	Bogra	—	005	9	8	00	00	96	02	6	037	81	5	4	5	2	x	77	85	005	9	8	23	03	96	51	5	060	88	6	7	4	2	x	76	79	4	+ 1	27.6	− 5.3	40.3	69
	Dinajpur	—	000	5	7	00	00	96	02	2	027	64	3	5	6	2	x	79	65	416	9	8	00	08	95	61	6	052	75	8	2	5	x	x	75	74	− 4	− 4	27.7	− 08.4	34.9	73
	Rangpur	—	000	0	5	13	02	96	03	1	027	83	5	0	9	2	0	78	55	160	8	8	09	05	96	63	6	067	75	8	0	6	7	x	75	75	− 4	− 3	34.8	− 6.6	53.0	84
Kashmir	Jammu	—																																								—
Lahore	Lahore (Jail Rd.)	—	000	6	4	05	02	96	02	2	959	95	6	0	9	0	6	77	99	210	5	8	27	03	96	91	9	992	76	5	5	7	2	x	74	74	0	− 4	5.5	− 0.7	15.9	19
	Sialkot	—	000	0	2	18	03	97	02	0	954	90	2	2	6	x	x	73	94	121	0	8	05	03	98	02	2	003	77	8	4	6	x	x	75	73	—	− 5	11.6	− 4.9	18.0	33
Rawalpindi	Jhelum	—	000	3	2	13	03	98	02	1	942	97	2	1	7	0	0	76	98	101	1	6	27	02	98	01	9	991	77	3	5	6	1	0	73	72	0	—	19.9	—	16.9	
	Rawalpindi	—	000	0	1	00	00	98	00	9	942	94	1	2	7	0	0	78	94	079	0	3	18	05	98	00	9	976	79	2	1	8	0	4	69	69	—	− 6	42.9	− 3.3	24.5	36
	Campbellpur	—	000	0	0	00	02	97	00	0	950	92	0	0	[illegible]	0	0	92	xx	004	6	6	00	00	98	00	2	923	xx	0	0	8	0	0	77	xx		—	5.6	—	5.9	—
Sargodha	Khushab	—	000	0	2	18	03	99	01	0	943	01	2	0	9	2	0	89	04	000	0	7	09	05	96	02	3	976	79	4	5	6	9	0	78	78	+ 4	− 3	1.1	− 6.4	4.1	15
	Lyallpur	—	000	0	5	25	02	96	02	3	912	98	5	0	9	4	0	76	98	000	2	6	29	02	96	02	9	995	77	6	3	8	0	0	75	77	0	− 3	3.1	− 3.2	6.9	13
Multan	Montgomery	—	000	0	0	00	00	96	02	0	935	04	0	0	9	0	0	71	04	085	0	6	09	02	96	02	1	004	76	6	2	6	0	0	74	76	+ 3	− 6	5.6	+ 0.8	8.9	10
	Multan	—	000	0	0	00	00	98	01	0	033	05	0	0	9	0	0	66	08	090	0	4	16	03	98	03	0	949	89	2	5	5	9	0	73	67	+ 10	+ 4	0.3	− 3.5	2.0	7
	Leiah	—	000	0	0	18	01	97	00	0	001	92	0	0	9	0	0	60	09	000	0	2	09	03	97	03	0	959	93	0	0	9	3	0	76	84	—	—	1.5	—	3.3	8
Bahawalpur	Khanpur	—	000	0	4	25	03	96	03	1	947	02	3	1	6	0	4	73	06	000	0	3	23	09	96	01	1	974	85	2	0	9	3	1	78	83	+ 3	+ 2	3.4	− 0.6	4.4	6
	Bahawalpur	—	000	0	1	23	02	98	00	0	952	06	1	0	9	0	0	84	07	000	0	0	20	09	98	00	0	961	93	0	0	9	0	0	77	90	+ 7	+ 9	1.4	− 2.3	2.1	6
	Fort Abbas	—	000	0	0	36	02	98	00	0	934	07	0	0	9	0	0	68	09	000	0	0	20	02	98	00	0	868	88	0	0	9	0	0	78	85	—	—	0.6	—	0.9	8
Peshawar	Chakdara	—	000	0	0	36	01	97	00	0	921	90	0	0	9	0	0	76	92	000	0	0	36	02	97	00	0	953	78	0	0	9	0	0	72	75	—	—	4.4	—	13.6	—
	Peshawar	—	000	0	2	02	05	97	02	0	929	97	2	8	6	3	[illegible]	83	97	000	8	1	09	02	97	01	9	981	80	1	0	9	3	0	74	75	− 1	− 4	0.2	− 3.0	6.8	11
	Haripur	—	000	0	0	23	01	96	00	0	942	93	0	0	9	0	0	80	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				—
D. I. Khan	Bannu	—	000	0	5	16	01	99	02	2	921	00	0	0	9	0	7	73	02	000	0	0	00	00	99	00	0	950	89	0	0	9	0	0	71	86	—	—	0.6	—	3.2	11
	D. I. Khan	—	000	0	0	20	00	98	00	8	927	04	0	0	9	0	0	79	05	000	3	8	09	04	97	07	2	965	85	8	0	8	0	0	75	84	+ 5	+ 3	0.6	− 3.6	3.5	9
Quetta	Sibi	—	000	9	6	18	02	98	02	0	949	03	0	3	9	4	1	71	06	000	2	4	00	00	97	04	0	969	82	2	1	9	4	1	78	76	—	—	2.6	—	3.7	5
Kalat	Nokkundi	—	000	0	0	34	13	97	02	0	954	01	0	0	9	0	0	33	05	000	0	0	34	19	97	07	0	992	87	0	0	9	0	0	34	81	—	—	0	—	0.1	2
	Turbat	—	000	0	2	31	03	97	02	1	924	06	0	0	9	7	0	66	07	000	0	4	27	01	97	02	2	020	87	0	0	9	0	1	74	xx	—	—	1.8	—	4.6	—
	Jiwani	—	000	0	3	23	16	97	01	1	983	69	0	0	9	3	1	70	93	000	0	7	23	03	97	03	2	012	81	7	0	9	3	0	78	79	—	—	1.2	—	3.9	5
	Pasni	—	000	6	0	20	16	95	05	7	963	84	0	0	9	0	0	75	88	000	3	0	29	02	96	05	1	979	81	0	0	9	0	0	76	77	− 1	+ 1	0	− 0.9	8.2	6
Karachi Division	Ormara	—	000	0	3	27	14	94	03	1	970	90	3	0	9	0	1	74	91	000	0	5	27	07	94	03	2	005	82	5	1	6	0	0	78	80	—	—	1.0	+ 0.2	2.0	6
	Lasbela	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	6	4	18	09	97	04	0	995	84	4	0	8	4	0	78	80	—	+	0	—	[illegible]	8
	Karachi (Manora)	—	000	0	9	25	12	96	13	2	987	86	0	6	9	0	7	77	90	000	0	3	27	09	97	01	1	005	82	0	0	9	0	3	75	80	+ 5	+ 2	3.7	− 1.4	3.7	8
	Karachi (Airport)	—	000	0	7	27	07	96	03	1	992	86	1	1	6	0	8	76	92	000	0	3	27	07	96	[illegible]	2	998	81	2	6	5	3	0	79	80	—	—	4.9	—	4.9	—
Hyderabad	Nagarparkar	—	033	0	8	23	01	97	00	0	974	87	0	8	7	0	0	60	67	051	[illegible]	5	31	01	97	00	0	993	83	0	5	7	0	0	79	67	—	—	4.5	—	4.5	—
	Umerkot	—	000	0	8	xx	xx	97	03	0	980	88	8	9	7	0	0	82	95	000	0	3	23	05	97	02	0	000	84	0	0	8	0	8	77	79	—	—	5.3	—	5.4	—
	Hyderabad	—	000	0	7	20	02	97	02	0	987	91	7	0	9	7	0	78	95	000	0	3	23	09	97	02	0	998	82	1	5	6	0	1	75	88	0	1	4.3	− 0.5	5.1	7
	Badin	—	000	0	8	00	00	97	02	1	994	69	8	0	9	0	2	82	96	000	0	0	23	05	97	00	0	011	82	0	0	9	0	0	78	80	+ 4	1	3.5	− 2.1	4.1	9
Khairpur	Padidan	—	000	0	7	18	09	98	02	1	968	98	2	2	6	2	0	75	01	000	0	2	13	09	98	02	1	971	83	0	0	9	0	1	73	80	—	—	2.2	—	2.8	—
	Nawabshah	—	000	0	8	16	07	96	13	2	979	93	2	1	6	3	0	79	97	000	0	4	18	05	96	02	2	985	83	2	1	6	2	0	74	80	—	—	2.5	—	3.9	—
	Sukkur	—	000	8	8	13	02	97	03	2	963	97	8	0	9	9	0	84	99	000	9	6	20	03	97	03	2	972	83	6	0	9	6	0	77	81	—	—	2.7	—	2.7	4
	Kashmore	—	000	0	4	36	05	99	02	3	965	03	4	1	6	0	0	67	08	000	0	4	00	00	90	02	2	967	84	4	1	6	0	0	66	75	—	—	0.5	—	0.5	—
	Jacobabad	—	000	0	7	18	02	97	03	2	963	00	3	0	9	5	9	84	01	000	9	6	16	07	97	03	1	973	86	6	0	9	5	0	84	84	− 2	− 2	1.0	− 1.0	1.9	4
Junagadh	Veraval	—																																								20
Afghanistan	Jalalabad	—																																								
Arabia	Muscat	—																																								4
	Kuwait	—																																								5
	HILL STATIONS																																									
Kashmir	Srinagar *	—																																								26
	Gulmarg **	—																																								—
	Sonamarg **	—																																								71
	Dras **	—																																								26
	Leh **	—																																								3
	Skardu *	—	000	8	7	23	10	97	03	1	299	[illegible]	7	4	5	2	0	41	87																							6
	Misgar **	—	000	0	3	31	02	98	01	0	041	[illegible]	3	[illegible]	6	[illegible]	0	38	82	000	[illegible]	6	21	07	98	03	1	092	63	2	1	8	6	0	34	59	—					—
	Aliabad *	—																																								
	Gilgit *	—	000	0	0	00	00	99	00	0	407	[illegible]	0	0	[illegible]	0	0	60	65	000	0	4	00	00	98	[illegible]	1	391	78	4	5	8	0	0	63	70	—	—				5
Rawalpindi	Murree *	—	000	5	7	23	05	96	03	4	409	72	7	5	2	0	0	65	74	052	9	4	09	02	98	01	9	411	66	0	0	9	5	0	53	56	+ 4	− 1	20.7	− 5.3	39.0	59
Peshawar	Drosh *	—	000	0	1	22	12	98	05	4	361	96	1	1	7	0	0	54	03	000	9	1	00	00	98	01	4	411	80	1	1	6	0	0	65	77	+ 8	+ 5	4.3	—	16.2	18
	Cherat *	—	000	0	0	16	07	98	00	1	394	84	0	0	9	0	0	75	91	013	8	0	16	03	98	00	9	362	72	0	0	9	0	0	65	65	+ 4	− 5	8.2	0	32.3	29
	Kakul *	—	000	0	4	18	07	97	01	1	409	81	4	2	6	0	0	71	84	005	7	2	23	02	xx	xx	x	409	72	1	4	7	6	0	68	68	—	—	22.0	—	37.6	—
	Landikotal *	—	000	0	2	05	05	98	03	1	390	90	2	1	7	0	0	76	92	000	0	0	13	07	97	00	0	397	79	0	0	9	0	0	69	71	—	—	0.5	—	12.2	—
	Parachinar *	—	000	0	6	13	03	98	03	0	388	82	6	6	8	1	0	64	85	096	0	5	00	00	98	03	2	4[illegible]3	70	5	1	8	1	0	62	64	0	0	7.2	—	20.7	29
D. I. Khan	Miranshah *	—	000	0	6	05	05	98	03	2	403	93	6	4	8	0	0	68	57	000	0	0	00	00	99	00	0	405	85	0	0	9	0	0	69	79	—	—	0.3	− 3.2	2.1	13
	Wana *	—	000	0	9	00	00	99	01	1	517	84	4	1	9	0	0	63	93	000	0	0	00	00	96	00	0	517	84	0	0	9	0	0	64	79	—	—	4.1	—	13.4	11
Quetta	Fort Sandeman *	—	000	0	0	29	01	99	01	0	389	98	0	0	9	0	0	53	99	000	0	3	29	01	99	03	0	427	67	3	0	8	3	0	48	77	+ 2	+ 4	4.7	+ 0.6	9.4	11
	Hindubagh *	—	000	0	2	27	12	97	00	0	373	95	0	0	9	0	8	60	97	000	0	2	25	09	97	00	0	415	80	0	0	9	0	8	57	72	—	—	0.8	—	4.6	—
	Loralai *	—	000	0	2	18	05	99	01	1	387	93	0	0	9	1	1	63	95	000	0	6	27	02	90	00	2	415	79	0	0	9	1	2	47	67	—	—	1.1	—	4.6	5
	Harnai *	—	000	0	4	18	05	97	13	0	425	96	3	1	5	0	1	65	96	000	0	2	00	00	99	03	0	400	84	1	1	5	1	0	73	69	—	—	3.9	− 1.6	7.1	14
	Quetta *	—	000	0	2	36	02	96	02	0	399	91	2	1	5	0	0	73	92	000	0	0	00	00	97	00	0	426	76	0	0	9	0	0	64	67	0	—	0.1	− 0.9	4.3	5
	Chaman *	—	000	0	6	27	07	98	02	1	408	98	6	0	9	2	0	47	98	000	0	3	13	05	96	01	1	412	80	3	0	9	2	0	43	76	—	+ 4	0	− 0.1	1.3	8
	Nushki *	—	000	0	0	31	09	98	02	0	437	00	0	0	9	0	0	61	01	000	0	0	36	02	98	02	0	464	83	0	0	9	0	0	55	76	8	—	0	—	1.6	—
	Dalbandin *	—	000	0	5	23	03	96	03	1	431	02	5	0	7	5	0	42	05	003	9	5	20	05	98	03	1	432	84	5	0	9	4	0	36	80	—	+ 1	0	− 0.2	7.1	4
Kalat	Kalat *	—	000	0	7	34	03	96	02	2	409	86	6	0	8	3	2	83	89	000	0	0	18	02	96	00	0	440	74	0	0	9	0	0	60	63	+ 1	+ 6	0.2	− 0.9	2.1	7
	Panjgur *	—	000	0	5	31	10	97	03	2	443	99	5	5	6	0	0	54	01	000	0	2	31	03	96	03	0	433	83	2	0	9	5	0	57	81		+ 8	0.3	—	1.3	5
Afghanistan	Kabul *	—																																								
	Kandhar *	—																																								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 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 18th AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	Nddff	$VVwwW$	PPP TT	$N_hC_Lh C_M C_H$	D_sV_s appPP	[illegible]	[illegible]	[illegible]
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Pembrokeshire	63 285	497 00	9 10 02	98 0 20	[illegible]	[illegible]	[illegible]			
[illegible]	62 132	502 00	5 10 15	98 0 12	991 77	50 6 43	51 4 00		06 8 26	
Cercil	63 212	[illegible]	8 20 [illegible]	98 3 [illegible]	[illegible]	[illegible]	[illegible]		[illegible]	11 0 xx
President Garfield	63 224	636 06	4 23 18	98 0 24	023 78	[illegible]	57 4 07		[illegible]	12 0 xx
[illegible]	63 197	597 06	5 23 20	97 0 23	041 81	82 5 90	15 x 2x		[illegible]	12 3 34
[illegible]	[illegible]	591 06	7 [illegible] 14	98 0 18	016 76	30 7 1x	16 6 12		07 3 76	12 3 22
Darasan	67 228	681 12	7 21 09	97 0 23	019 83	74 3 00	74 6 10		[illegible]	12 1 21
[illegible]	[illegible]	596 18	8 14 16	98 0 25	990 86	80 0 5x	16 2 03		05 3 75	12 2 30
Daressa	63 230	678 18	6 26 10	97 0 27	030 82	87 4 xx	[illegible]		[illegible]	12 6 2x
Dunkirk	63 103	640 18	3 23 12	98 0 10	109 81	[illegible]	26 6 07		[illegible] 75	12 3 23
Bay of Bengal										
Amparaan	62 176	93 200	6 23 11	98 1 51	101 81	49 4 04	46 2 10	..	05 2 76	23 2 22
[illegible]	60 197	90 606	4 10 12	99 0 72	14x 87	[illegible]				

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPPTTT$T_dT_dT_d$	[illegible] mb	[illegible] 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 ...	08 03	...		...	142 242 182	...	312 150 093	443 081 502	591 402 588	760 578 6	—			—
Jiwani ...														
Karachi ...	00 00	998 272 252	001 xxx xxx	...	140 232 992	...	309 160 990	439 118 998	589 045 995					
Lahore ...	00 00	975 272 212	507 xxx xxx	—	140 215 158	...	309 145 102	437 085 025	586 015 995	764 569 990	985 205	—		—
Multan ...														
Peshawar ...	00 00	MISDA	...	...	...	...								...
Quetta ...	00 00	826 2?2 058	...	...	...	...	310 175 538	441 135 995	592 070 990	771 540 990	995 605	330 615	...	—

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. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	005 272 242	900 242 192	...	...	...	—	—	...	...	900 242 192	...	...
Jiwani ...													
Karachi ...	00 00	900 250 xxx	800 220 xxx	...	...	...	—	...	...	...	800 220 xxx	...	...
Lahore ...	00 00	900 225 178	800 192 145	...	...	...	—	...	...	...	800 192 145	...	...
Multan ...													
Peshawar ...	00 00	MISDA	...	...	...	...	...	...	—	...		...	...
Quetta ...	00 00	800 205 028	..	...	...	...	...	—	...	...	8[illegible] 205 028	..	...

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

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

UPPER WIND DATA*

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

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0
	At 0000 hrs. G.M.T. † of date (dd ff)					
STATION	11	12	13	14	15	16
Bogra ...	21 30				...	...
Chaklala ...		35 04	07 09	07 09		
Chhor ...	23 19	23 24	23 21	22 10	23 05	12 05
Chittagong ...	...	...	...	...	...	...
Cox's Bazar ...	19 13	19 15	20 19	...	...	...
Dacca ...	21 21	22 29	23 32	...	...	...
Dalbandin ...	...	...	29 33	33 07	30 05	27 09
D. I. Khan ...	—	...	...	...	...	...
Drosh ...	...	...	...	24 02	31 02	19 04
Fort Sandeman ...	...	...	...	23 10	29 11	31 17
Jacobabad ...	22 06	21 11	28 08	24 04	27 02	33 04
Jessore ...	21 19	22 31	23 32	24 24	24 23	...
Jhelum ...	05 12	06 15	06 17	...	...	...
Jiwani ...	20 12	23 12	27 12	30 09	34 08	15 04
Karachi ...	...	...	...	...	...	...
Khanpur ...	33 21	24 27	25 29	27 24	...	...
Lahore ...	No	Ascent	...	—	...	...
Multan ...	20 19	22 37	21 38	...	...	...
Muscat ...	—	—	—	...	...	...
Panjgur ...	—	...	—	35 12	35 21	36 08
Peshawar ...	—	13 07	13 10	20 10	37 13	...
Quetta ...	—	...	...	...	31 01	24 06
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	9.0
	At 0600 hrs. G.M.T. † of date (dd ff)										
STATION	17	18	19	20	21	22	23	24	25	26	27
Bogra ...	...	...	...	...	...	...	...	...	...	...	...
Chaklala ...	...	13 07	15 07	17 07	27 11	...	...	...	...	...	...
Chhor ...	21 15	23 18	24 20	23 12	27 06	28 06	...	...	...	...	...
Chittagong ...	...	...	—	...	...	...	...	—	...	...	...
Cox's Bazar ...	...	...	—	—	...	...	...	...	...	...	...
Dacca ...	...	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	26 08	28 06	30 11	29 19	34 19	22 16	22 12	30 13	29 08
D. I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	09 05	34 08	36 31	01 20	01 38	06 19	...
Fort Sandeman ...	...	...	...	30 10	33 14	32 20	...	...	...	...	...
Jacobabad ...	19 04	20 07	28 08	20 07	34 07	33 12	...	—	...	...	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	08 03	10 07	18 09	34 06	31 15	31 17	...	...	...	...	...
Jiwani ...	20 05	24 07	28 07	33 08	01 05	36 04	17 07	...	...	...	...
Karachi ...	24 15	35 20	27 25	...	...	...	...	...	...	...	...
Khanpur ...	21 21	21 31	21 16	23 25	23 25	...	...	...	...	...	...
Lahore ...	13 02	33 01	27 03	29 20	29 19	...	...	...	...	...	...
Multan ...	19 15	18 18	20 26	20 32	21 27	...	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	33 08	34 17	...	...	...	...	...	...
Peshawar ...	...	06 03	16 05	19 13	22 05	27 16	30 19	29 29	29 37	28 29	39 23
Quetta ...	...	...	...	...	34 07	30 03	25 14	20 07	21 06	20 07	37 13
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 ...	[illegible]	22 [illegible]	23 30	23 32	23 29	32 17	25 17	25 17	25 16	22 21	-	...	...	-	...	...	...	—
Karachi ...	26 23	25 [illegible]	27 23	31 19	31 15	35 10	05 08	07 10	07 13	...	-	...	...	...		...	...	—
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_rV_r etc.)

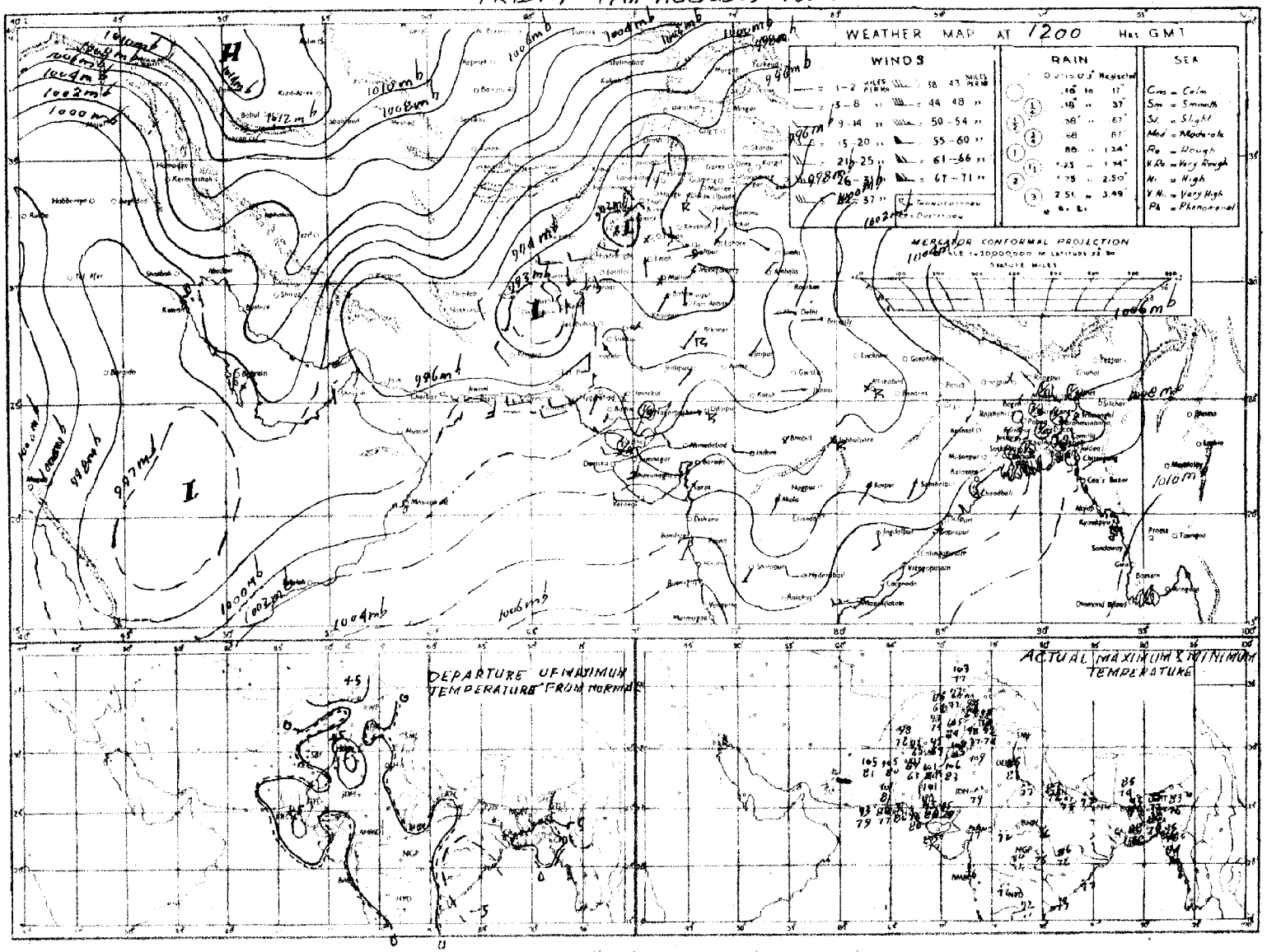
11 739 60 389

05 739 63 515

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

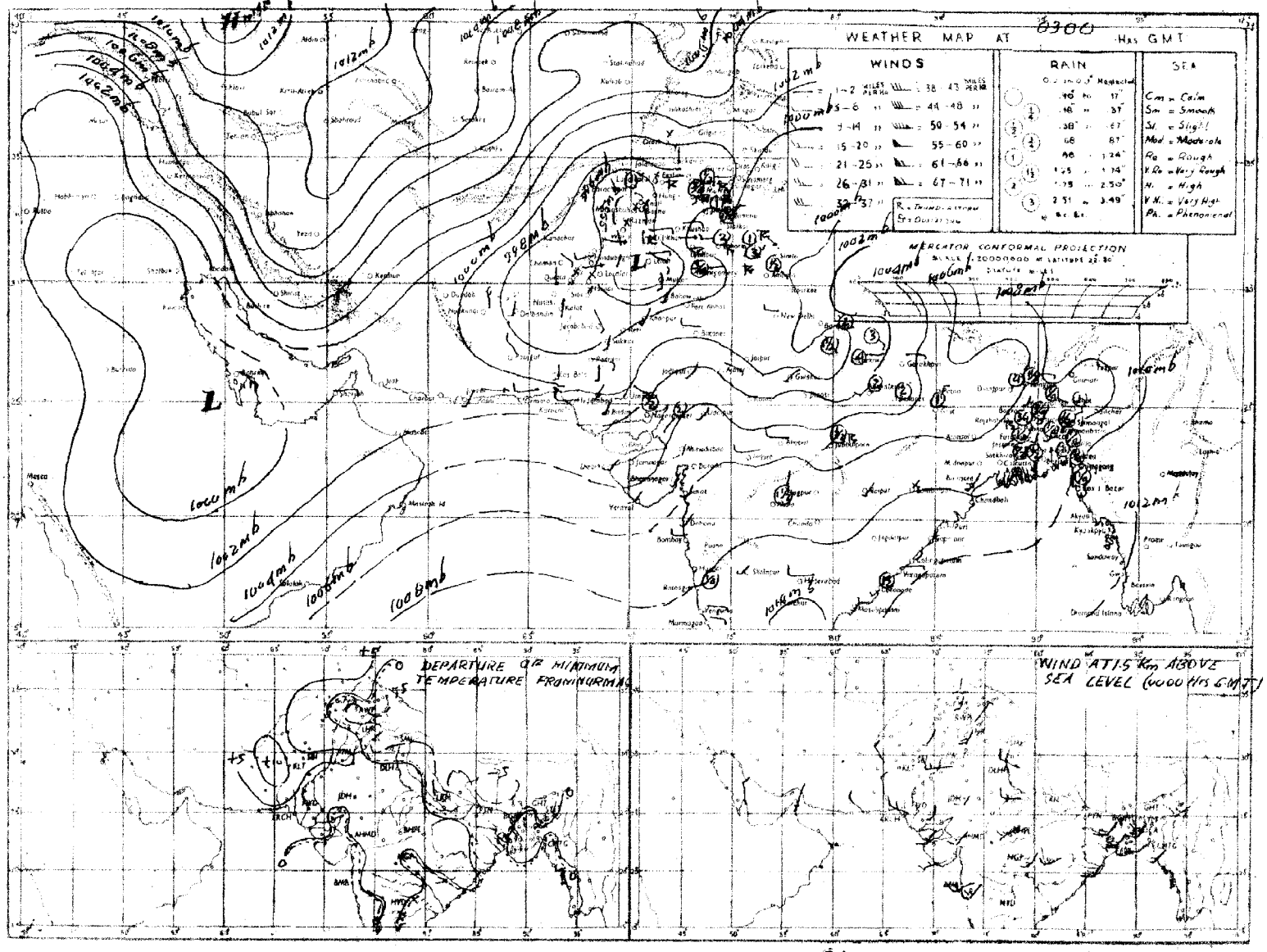
FRIDAY 17th AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 18th AUGUST, 1962.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

SUNDAY THE 19th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Axis of monsoon trough continues to run close to the foot of the Himalyas.

Rain/thundershowers have been widespread in Dacca and Rajshahi divisions and fairly widespread in Khulna and Chittagong divisions. A few moderate to heavy falls have also been reported from the region.

The westerly low pressure wave over D. I. Khan division is now moving eastwards across Rawalpindi and Sargodha divisions.

Rain/thundershowers have been fairly widespread in Rawalpindi division and local in Lahore, Sargodha, Multan and Peshawar divisions. Light rain/drizzle has also fallen in Hyderabad division.

Chief amounts of rainfall are :—Dinajpur 5", Sylhet, Mymensingh and Rangpur 4" each; Dacca, Jessore, Sirajganj, Bogra, Brahmanbaria, Murree and Peshawar 1½" each; Faridpur and Lahore 3/4" each; Rangamati, Comilla, Srimangal, Narayanganj, Satkhira, Lyallpur, Cherat and Kakul 1/2" each and Khulna, Chittagong and Parachinar 1/4" each.

Day temperatures were 7—12 °F (4—7 °C) below normal in Rajshahi, Lahore and Multan divisions and 4—6 °F (2—3°C) above normal in Rawalpindi, Peshawar and D. I. Khan divisions.

Forecast valid until the evening of 20th August, 1962 :—Widespread rain will fall in East Pakistan. Rain/thundershowers will be fairly widespread in Lahore, Rawalpindi divisions and Kashmir; local in Sargodha and Multan divisions and scattered in Peshawar and D. I. Khan divisions.

Karachi-11
The 19th August, 1962.

M. AZHAR ADIL
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	Rangamati —	019	4	9	18	09	95	05	6	103	82	4	8	3	2	4	76	xx
	Cox's Bazar —	006	1	7	23	13	97	25	8	092	82	4	8	5	7	0	76	85
	Chittagong —	003	3	7	20	10	97	03	6	075	82	7	6	6	0	0	77	84
	Maijdee Court —	085	6	6	18	13	96	03	6	066	82	6	4	6	0	0	75	84
	Comilla —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria —	036	6	5	18	05	97	21	6	059	79	8	4	5	0	0	76	87
	Sylhet —	190	9	8	27	05	96	62	6	055	77	6	7	2	4	x	75	81
	Srimangal —	-	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh —	000	0	8	13	02	97	02	1	048	84	8	7	4	x	x	79	85
	Narayanganj —	065	2	8	23	03	96	03	6	053	81	3	4	2	2	x	77	84
	Dacca (Tejgaon) —	079	6	7	23	19	97	02	9	049	xx	1	8	6	7	0	76	88
	Faridpur —	067	6	8	16	07	96	02	6	033	83	6	4	6	1	0	76	86
Khulna	Barisal —	00?	0	8	13	02	97	02	2	061	78	8	7	6	x	x	77	87
	Khulna —	017	4	7	18	03	96	01	6	058	83	7	5	6	0	0	79	68
	Satkhira —	030	6	6	23	05	97	03	6	071	84	3	4	6	2	0	78	86
	Jessore —	000	0	6	18	05	96	02	3	051	85	4	4	5	6	0	81	96
Rajshahi	Pabna —	000	0	8	00	00	97	03	2	039	83	8	9	2	x	x	78	87
	Sirajganj —	000	0	8	18	02	97	02	2	035	84	8	9	5	0	x	79	76
	Bogra —	007	8	8	00	00	96	61	6	032	83	3	5	5	8	x	79	85
	Dinajpur —	482	8	8	00	00	95	66	8	026	79	3	8	5	x	x	78	79
	Rangpur —	415	8	7	13	12	96	01	8	025	80	7	5	6	0	0	79	90
Kashmir	Jammu —																	
Lahore	Lahore (Jail Rd.) —	007	6	6	13	03	96	02	2	987	83	3	4	6	7	0	76	84
	Sialkot —	000	0	4	00	00	96	03	1	973	87	4	2	6	1	1	79	87
Rawalpindi	Jhelum —	000	4	6	13	05	99	02	5	997	78	4	6	5	3	0	77	90
	Rawalpindi —	000	0	6	11	03	99	03	2	967	87	4	6	6	6	0	77	89
	Campbellpur —	000	0	0	09	02	97	00	0	959	xx	0	0	.	0	0	92	xx
Sargodha	Khushab —	000	0	7	11	07	98	03	2	950	95	4	4	9	3	0	93	96
	Lyallpur —	000	0	4	05	15	96	03	1	967	92	4	6	8	0	0	70	xx
Multan	Montgomery —	000	0	6	13	02	96	01	2	964	88	0	0	9	0	4	77	88
	Multan —	000	0	6	18	03	98	03	1	936	99	2	4	6	5	0	74	03
	Leiah —	000	0	3	07	03	97	01	0	934	0	0	0	9	5	0	71	07
Bahawalpur	Khanpur —	000	0	5	23	12	94	07	0	947	99	1	0	9	3	4	73	01
	Bahawalpur —	000	0	2	20	04	98	00	0	060	02	0	2	9	0	0	74	03
	Fort Abbas —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	Chakdara —	000	0	4	36	02	97	03	1	952	86	4	0	9	3	0	70	90
	Peshawar —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Haripur —	000	0	0	18	02	96	03	2	944	92	0	0	9	0	0	75	93
D. I. Khan	Bannu —	000	3	4	13	01	99	03	1	939	96	0	0	9	0	8	74	97
	D. I. Khan —	000	0	0	30	00	98	00	0	934	98	0	0	9	0	0	76	99
Quetta	Sibi —	000	9	7	18	02	97	03	1	934	07	4	1	9	4	1	73	08
Kalat	Nokkundi —	000	0	0	29	09	97	01	0	931	04	0	0	9	0	0	33	05
	Turbat —	000	0	0	23	16	95	07	2	954	04	0	0	9	0	0	76	01
	Jiwani —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pasni —	000	6	6	16	12	97	02	1	996	86	0	0	9	4	3	74	69
Karachi Division	Ormara —	000	0	4	23	12	94	03	1	991	87	4	1	6	0	0	77	93
	Lasbela —	000	0	4	00	10	98	04	0	870	09	4	0	9	4	0	64	06
	Karachi (Manora) —	000	0	6	25	12	96	93	2	994	96	0	0	9	4	0	74	89
	Karachi (Airport) —	000	0	6	25	12	96	01	2	998	85	5	5	5	3	0	75	87
Hyderabad	Nagarparkar —	000	0	8	13	0	97	00	0	574	89	0	6	7	0	2	76	90
	Umerkot —	000	0	7	20	06	98	02	0	986	90	0	0	8	0	8	74	92
	Hyderabad —	000	0	7	20	07	97	03	2	986	87	7	0	9	7	0	71	92
	Badin —	000	0	0	23	02	97	00	0	016	92	0	0	9	0	1	75	92
Khairpur	Padidan —	000	0	4	18	10	98	03	0	949	99	4	0	9	2	0	73	01
	Nawabshah —	000	0	7	18	07	96	03	2	971	95	0	0	9	0	6	77	99
	Sukkur —	000	3	4	23	05	97	01	1	944	99	0	0	9	0	8	76	99
	Kashmore —	000	0	0	18	02	99	00	0	971	05	0	0	9	0	0	70	x0
	Jacobabad —	000	0	2	18	05	97	03	0	932	01	0	0	9	0	8	93	02
Junagadh	Veraval —																	
Afghanistan	Jalalabad —																	
Arabia	Muscat —																	
	Kuwait —																	
	HILL STATIONS																	
Kashmir	Srinagar * —																	
	Gulmarg ** —																	
	Sonamarg ** —																	
	Dras ** —																	
	Leh ** —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Skardu * —																	
	Misgar ** —	000	0	3	13	03	98	01	0	017	77	3	1	9	0	0	33	82
	Aliabad * —																	
	Gilgit * —	000	0	6	00	00	98	01	1	364	85	6	5	8	0	0	60	96
Rawalpindi	Murree * —	000	4	8	05	02	95	03	4	418	67	8	5	2	1	1	62	74
Peshawar	Drosh * —	000	0	2	22	09	99	01	6	350	95	3	1	7	0	0	51	02
	Cherat * —	000	0	3	18	13	98	03	0	382	78	3	1	9	0	0	74	81
	Kakul * —	000	8	7	23	05	97	03	1	415	80	7	9	6	0	0	68	82
	Landikotal * —	000	0	1	13	07	98	03	0	382	xx	1	2	7	0	0	73	94
	Parachinar * —	000	0	6	13	00	98	03	2	388	82	6	6	8	0	0	65	85
D.I. Khan	Miranshah * —	000	0	4	05	09	98	03	4	399	90	4	4	8	0	0	70	92
	Wana * —	000	0	0	13	03	96	00	0	505	88	0	0	9	0	0	66	93
Quetta	Fort Sandeman * —	000	0	3	25	01	99	03	0	377	99	3	0	8	3	0	40	02
	Hindubagh * —	000	0	3	25	12	97	00	0	353	92	0	0	9	0	8	59	94
	Loralai * —	000	0	5	16	03	99	02	1	391	92	0	0	9	1	2	54	97
	Harnai * —	000	0	4	18	05	97	03	0	385	98	2	1	5	1	0	66	93
	Quetta * —	000	0	3	23	02	96	07	0	404	90	3	1	5	0	0	74	91
	Chaman * —	000	0	0	23	07	98	09	0	377	96	0	0	9	0	0	45	97
	Nushki * —	000	0	0	31	02	98	02	0	437	00	3	0	9	0	0	61	07
	Dalbandin * —	000	0	0	23	12	94	07	1	418	03	0	0	9	0	0	41	06
Kalat	Kalat * —	000	0	0	07	62	97	00	0	408	84	0	0	9	0	0	75	86
	Panjgur * —	000	0	4	31	09	97	01	0	423	00	4	0	9	5	0	25	02
Afghanistan	Kabul * —																	
	Kandhar * —																	

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	Rangamati —	057	9	7	18	09	95	61	6	098	78	3	7	4	2	0	76	77
	Cox's Bazar —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chittagong —	025	9	8	20	09	97	03	3	031	81	8	6	6	x	x	77	77
	Maijdee Court —	010	9	8	18	05	97	03	6	080	82	6	2	5	2	8	78	77
	Comilla —	055	7	8	18	05	96	02	4	037	81	8	4	4	x	x	78	78
	Brahmanbaria —	136	1	8	23	05	96	61	4	063	80	8	5	5	x	x	79	74
	Sylhet —	419	9	8	00	00	96	63	6	061	76	7	7	4	2	x	75	77
	Srimangal —	055	5	8	00	00	93	21		071	89	8	4	2	0	0	75	77
Dacca	Mymensingh —	420	7	8	00	00	96	95	9	069	76	8	7	4	x	x	75	74
	Narayanganj —	065	9	8	27	05	97	62	2	065	83	8	4	2	x	x	78	78
	Dacca (Tejgaon) —	141	0	8	23	09	97	02	6	060	81	6	7	3	2	x	78	75
	Faridpur —	069	0	8	20	07	96	02	2	059	81	7	5	6	1	x	78	77
Khulna	Barisal —	000	0	8	09	01	97	02	2	074	82	8	2	6	0	0	79	80
	Khulna —	017	0	7	23	03	96	03	2	068	88	7	5	4	0	0	79	77
	Satkhira —	061	9	8	23	03	96	03	6	076	84	4	4	4	2	x	78	76
	Jessore —	140	9	8	18	07	96	03	6	061	83	8	7	7	x	x	77	75
Rajshahi	Pabna —	011	9	8	18	19	97	01	9	059	80	8	0	9	9	x	78	76
	Sirajganj —	135	3	8	00	01	97	40	5	055	79	8	7	4	0	0	79	76
	Bogra —	027	7	8	00	00	96	61	6	055	79	4	7	4	2	x	78	77
	Dinajpur —	490	9	6	00	00	96	02	2	033	81	6	2	6	x	x	78	73
	Rangpur —	4 5	0	7	27	02	96	01	2	047	83	7	5	6	0	0	78	75
Kashmir	Jammu —																	
Lahore	Lahore (Jail Rd.) —	075	9	9	27	02	96	21	9	012	75	3	5	6	7	x	73	72
	Sialkot —	000	0	6	13	03	97	03	1	000	78	6	4	6	x	x	77	74
Rawalpindi	Jhelum —	011	1	8	09	05	96	29	9	006	78	5	6	6	3	x	75	73
	Rawalpindi —	000	9	6	11	02	99	01	9	002	78	9	5	6	0	0	74	77
	Campbellpur —	005	2	8	05	05	xx	xx	x	002	xx	4	3	1	8	2	84	xx
Sargodha	Khushab —	000	0	8	18	15	95	02	2	003	81	4	6	6	1	0	80	76
	Lyallpur —	046	5	7	13	02	96	03	5	012	75	7	7	9	0	0	72	73
Multan	Montgomery —	005	0	4	13	03	96	02	5	001	76	2	7	3	4	0	72	74
	Multan —	000	5	1	08	03	98	02	9	995	83	0	0	9	0	0	72	76
	Leiah —	090	0	3	05	04	95	09	3	009	55	0	0	9	5	6	76	84
Bahawalpur	Khanpur —	000	0	7	23	07	96	02	2	998	88	2	5	6	3	0	73	79
	Bahawalpur —	000	0	6	13	02	97	02	2	971	85	6	0	8	2	1	73	xx
	Fort Abbas —	00	0	0	20	02	98	00	0	017	83	0	0	9	0	0	72	82
Peshawar	Chakdara —	000	0	0	36	02	96	00	0	966	76	0	0	9	0	0	69	75
	Peshawar —	135	6	7	13	03	97	03	9	993	80	4	8	6	3	0	74	74
	Haripur —	003	0	0	05	01	97	01	0	996	80	0	0	9	0	0	71	75
D. I. Khan	Bannu —	000	0	0	00	00	99	00	0	991	82	0	0	9	0	0	74	78
	D. I. Khan —	000	0	6	00	00	98	02	1	996	76	6	6	8	0	0	74	72
Quetta	Sibi —	000	2	6	18	02	97	03	1	998	85	2	3	9	2	1	73	65
Kalat	Nokkundi —	000	0	0	34	13	97	01	0	991	86	0	0	9	0	0	36	81
	Turbat —	000	0	0	23	02	96	05	0	023	85	0	0	9	0	0	78	xx
	Jiwani —	000	0	5	18	05	97	02	2	024	81	5	6	4	0	0	74	79
	Pasni —	000	3	2	20	05	96	05	1	009	82	0	0	9	0	2	73	78
Karachi Division	Ormara —	000	0	6	23	05	94	03	1	025	83	6	1	6	0	1	77	79
	Lasbela —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Manora) —	000	0	6	27	10	96	03	2	013	83	0	0	9	9	0	76	81
	Karachi (Airport) —	0 0	0	7	27	07	96	02	1	024	81	1	6	5	3	0	76	80
Hyderabad	Nagarparkar —	005	0	9	18	01	97	00	0	122	83	0	7	7	0	2	71	63
	Umerkot —	000	0	8	20	06	97	02	0	009	81	8	5	7	0	0	75	78
	Hyderabad —	000	0	8	75	14	97	03	1	004	81	6	0	9	3	8	73	80
	Badin —	000	0	8	23	05	97	01	1	021	82	8	0	9	0	1	75	77
Khairpur	Padidan —	000	0	2	13	10	98	01	0	979	85	2	0	9	2	0	73	81
	Nawabshah —	000	0	5	18	05	96	01	1	991	82	0	0	9	0	0	73	80
	Sukkur —	000	9	3	13	03	97	01	1	981	83	0	0	9	0	3	74	80
	Kashmore —	000	0	0	00	00	99	00	0	962	83	0	0	9	0	0	68	77
	Jacobabad —	000	0	0	09	07	96	01	0	983	83	0	0	9	0	0	78	81
Junagadh	Veraval —																	
Afghanistan	Jalalabad —																	
Arabia	Muscat —																	
	Kuwait —																	
	HILL STATIONS																	
Kashmir	Srinagar * —																	
	Gulmarg ** —																	
	Sonamarg ** —																	
	Dras ** —																	
	Leh ** —	xxx	x	6	00	00	97	16	2	051	59	2	5	6	3	0	37	...
	Skardu * —																	
	Misgar ** —	000	0	6	23	03	98	03	1	069	60	1	5	8	5	0	33	57
	Aliabad * —																	
	Gilgit * —	000	0	4	00	00	98	01	1	413	80	4	5	8	0	0	61	73
Rawalpindi	Murree * —	154	3	7	00	00	97	02	0	423	62	8	5	3	0	8	60	56
Peshawar	Drosh * —	000	9	1	00	00	99	01	9	477	74	1	1	6	0	0	81	70
	Cherat * —	053	8	9	16	05	91	11	2	382	79	9	x		x	x	69	65
	Kakul * —	067	9	7	18	03	97	02	9	427	71	5	4	6	6	0	68	66
	Landikotal * —	000	0	8	05	02	97	02	2	410	75	8	7	6	x	x	71	71
	Parachinar * —	000	0	4	00	00	99	03	2	416	68	4	1	9	1	0	64	65
D.I. Khan	Miranshah * —	000	0	4	00	00	99	01	1	398	79	4	4	9	0	0	71	77
	Wana * —	000	0	0	00	00	98	00	0	513	77	0	0	9	0	0	61	72
Quetta	Fort Sandeman * —	000	0	6	34	01	96	05	4	429	80	6	0	8	3	0	71	77
	Hindubagh * —	000	0	6	25	12	96	00	0	400	75	0	0	9	0	8	45	71
	Loralai * —	000	0	6	29	02	99	00	2	419	77	0	0	9	2	1	55	66
	Harnai * —	000	0	8	00	00	97	03	0	398	81	8	9	5	0	0	71	79
	Quetta * —	000	0	1	23	03	96	02	0	421	80	1	1	5	0	0	65	69
	Chaman * —	000	0	6	09	05	98	02	1	414	82	6	0	9	1	0	41	76
	Nushki * —	000	0	0	18	05	98	02	0	458	87	0	0	9	0	0	59	81
	Dalbandin * —	000	0	0	23	03	95	05	0	427	81	0	0	9	0	0	36	75
Kalat	Kalat * —	000	0	0	18	02	96	00	0	466	72	0	0	9	0	0	66	61
	Panjgur * —	000	0	0	00	00	97	02	0	445	78	0	0	9	0	0	59	73
Afghanistan	Kabul * —																	
	Kandhar * —																	

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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati —	—	—	39.4	—	46.3	—
	Cox's Bazar —	0					140
	Chittagong —	— 2	+ 1	59.9	+ 1.9	73.4	108
	Maijdee Court —	— 1	— 1	59.5	—10.3	71.0	115
	Comilla —	—	+ 2	42.5	— 3.1	64.7	94
	Brahmanbaria —	—	—	32.5	— 2.5	50.2	78
	Sylhet —	—	—	71.0	—	97.2	—
	Srimangal —		+ 1	41.4	+ 0.2	31.7	98
Dacca	Mymensingh —	— 2	— 4	38.0	— 4.7	43.0	91
	Narayanganj —	— 3	— 1	28.3	— 5.1	45.4	74
	Dacca (Tejgaon) —	—	—	26.9	—	41.7	—
	Faridpur —	— 1	— 1	22.8	+ 1.4	37.7	71
Khulna	Barisal —	0	+ 2	34.8	— 6.1	47.7	81
	Khulna —	+ 1	— 1	26.1	— 9.1	33.7	68
	Satkhira —	— 2	— 2	31.4	— 1.3	38.6	65
	Jessore —	—	—	21.6	—10.2	31.2	65
Rajshahi	Pabna —	—	—	29.7	—	43.2	59
	Sirajganj —	— 1	— 3	27.6	— 3.2	39.8	64
	Bogra —	4	— 1	27.8	— 5.5	40.4	69
	Dinajpur —	— 10	— 5	32.6	— 3.9	38.8	72
	Rangpur —	— 9	— 3	38.9	— 2.9	87.4	84
Kashmir	Jammu —						—
Lahore	Lahore (Jail Rd.) —	— 13	— 6	10.2	— 0.1	16.6	19
	Sialkot —	— 7	— 4	11.6	— 5.2	18.0	32
Rawalpindi	Jhelum —	—	—	11.0	—	47.4	
	Rawalpindi —	— 5	+ 2	12.9	— 3.6	24.5	36
	Campbellpur —	—	—	5.7	—	5.9	—
Sargodha	Khushab —	— 4	— 5	1.1	— 6.5	6.1	15
	Lyallpur —	x	— 7	3.6	— 2.9	7.4	13
Multan	Montgomery —	— 13	— 8	6.5	+ 0.8	1.0	18
	Multan —	+ 5	+ 5	0.3	— 3.6	2.0	7
	Leiah —	—	—	1.5	—	3.3	8
Bahawalpur	Khanpur —	— 2	— 2	3.4	— 0.7	4.4	6
	Bahawalpur —	+ 3	x	1.4	— 2.4	2.1	6
	Fort Abbas —		—	0.6	—	0.9	8
Peshawar	Chakdara —	—	—	4.4	—	13.6	—
	Peshawar —		— 5	0.2	— 1.7	6.8	11
	Haripur —	—	—	—	—	—	—
D. I. Khan	Bannu —	—	—	0.6	—	3.7	11
	D. I. Khan —	—	— 9	0.6	— 3.7	3.5	9
Quetta	Sibi —	—	—	2.6	—	3.7	9
Kalat	Nokkundi —	—	—	0	—	0.1	2
	Turbat —	—	—	1.8	—	4.6	—
	Jiwani —		—	1.2	—	1.9	5
	Pasni —	0	+ 2	0	— 0.9	0.2	6
Karachi Division	Ormara —	—	—	1.0	+ 0.2	2.0	6
	Lasbela —	—					8
	Karachi (Manora) —	+ 4	+ 3	3.7	— 1.5	3.7	8
	Karachi (Airport) —	—	—	4.9	—	4.9	—
Hyderabad	Nagarparkar —	—	—	4.6	—	4.6	—
	Umerkot —	—	—	5.3	—	5.4	
	Hyderabad —	— 3	+ 1	4.3	— 0.6	5.1	7
	Badin —	+ 1	0	3.6	— 2.1	4.4	9
Khairpur	Padidan —	—	—	2.2	—	2.8	—
	Nawabshah —	—	—	2.5	—	2.9	—
	Sukkur —	—	—	2.7	—	2.7	4
	Kashmore —	—	—	0.5	—	0.5	—
	Jacobabad —	— 1	— 1	1.0	— 1.0	1.9	4
Junagadh	Veraval —						20
Afghanistan	Jalalabad —						
Arabia	Muscat —						4
	Kuwait —						5
	HILL STATIONS						
Kashmir	Srinagar * —						26
	Gulmarg ** —						—
	Sonamarg ** —						71
	Dras ** —						24
	Leh ** —	—	—	—			3
	Skardu * —						6
	Misgar ** —		—	—			—
	Aliabad * —						—
	Gilgit * —		—	—			5
Rawalpindi	Murree * —	+ 4	— 1	22.2	— 4.1	49.5	59
Peshawar	Drosh * —	+ 7	— 2	4.3	—	16.2	18
	Cherat * —	+ 5	— 5	8.7	+ 0.4	32.9	19
	Kakul * —	—	—	22.0	—	37.6	—
	Landikotal * —	—	—	0.5	—	12.2	—
	Parachinar * —	0	+ 1	7.2	—	20.7	29
D.I. Khan	Miranshah * —	—	—	0.3	— 3.3	2.2	13
	Wana * —	—	—	4.1	—	12.4	11
Quetta	Fort Sandeman * —	+ 5	+ 4	4.7	+ 0.6	9.4	11
	Hindubagh * —	—	—	0.8	—	4.6	—
	Loralai * —	—	—	1.1	—	4.4	9
	Harnai * —	—	—	3.9	— 1.7	7.1	14
	Quetta * —	—	—	0.1	— 0.9	4.3	9
	Chaman * —	— 1	+ 4	0	— 0.1	1.3	8
	Nushki * —	—	—	0	—	1.6	—
	Dalbandin * —	+ 1	+ 4	0	— 0.2	7.2	4
Kalat	Kalat * —	— 3	+ 4	0.2	— 0.9	2.2	7
	Panjgur * —	+ 2	0	0.3	—	1.3	5
Afghanistan	Kabul * —						12
	Kandhar * —						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 19th AUGUST, 1962

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$0T_sT_dT_dT_d$	$I_dd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Fambodge	73 159	602 00	5 22 24	98 0 72	129 77	40 5 02	58 7 10	—	08 2 73	
Shams	73 198	729 06	8 30 16	98 0 32	067 76	45 3 56	74 1 xx	—	00 2 74	13 9 34
Melaskerk	73 242	670 06	4 22 17	98 0 11	019 82	32 4 41	45 3 22	—	00 1 [illegible]	12 2 34
Calcax the Haque	73 238	594 06	6 14 06	98 0 32	999 92	40 5 31	—	—	00 3 79	11 5 22
Vaasa	73 207	592 06	5 23 15	96 8 52	020 77	00 9 40	16 1 20	—	00 4 [illegible]	12 2 23
Ossendrecht	73 231	645 06	5 23 14	97 0 31	043 81	41 4 10	15 x xx	—	00 8 [illegible]	12 3 22
Calcax the Haque	73 337	665 12	2 19 15	98 0 21	993 77	00 9 01	—	—	05 8 76	11 9 32
Ariane	73 181	569 12	8 22 18	97 0 23	010 72	00 9 06	15 4 00	—	00 2 73	12 2 21
Shams	73 210	700 12	6 28 16	97 0 12	033 86	38 3 99	76 1 xx	—	00 6 79	12 9 23
Ossendrecht	73 240	657 12	5 24 18	98 0 73	021 82	31 8 60	15 x xx	—	00 0 76	12 4 21
General Baan	73 245	664 12	4 22 04	98 0 11	996 xx	22 8 60	15 6 10	—	—	—
Dareen	73 246	658 18	8 26 15	97 0 22	040 82	05 3 xx	65 1 20	—	08 1 76	—
Shams	73 223	680 18	8 28 16	96 0 32	039 81	xx 5 xx	76 1 xx	—	00 0 80	12 0 23

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb (HHHTTTTdTdTd)	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	—	—	...	140 168 148	—	309 088 068	435 025 521	581 562 605	753 658 685	965 781	—	—	—
Jiwani ...														
Karachi ...	00 00	999 272 242	016 xxx xxx	...	145 205 135	—	310 138 998	438 052 992	583 548 996	757 630 990	971 770	251 93x	4[illegible] 085	
Lahore ...	00 00	975 242 232	507 xxx xxx	...	139 185 992	...	305 092 995	431 032 995	576 535 995	750 628 995	968 680	274 748	496 760	7[illegible] 789
Multan ...														
Peshawar ...	00 00	957 242 242	—	...	137 222 995	...	305 158 995	434 085 998	582 520 990	735 651 995	965 875	—	...	—
Quetta ...	00 00	825 222 045	—	—	—	...	312 253 993	445 230 990	599 135 995	782 015 999	—	—	...	—

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	004 275 255	900 215 195	800 148 118	573 002 558	350 712 730	250 875 918	010 770 320	—	—	010 770 320	...	—
Jiwani ...													
Karachi ...	00 00	900 212 175	800 165 085	...	...	—	—	—	—	...	800 165 085	...	—
Lahore ...	00 03	900 222 208	...	...	...	...	...	...	...	...	900 222 208	—	—
Multan ...													
Peshawar ...	00 00	900 258 990	800 205 998	—	—	—	...	—	—	—	800 205 998	...	—
Quetta ...	00 00	800 232 038	...	...	—	—	—	...	—	...	800 232 038	...	—

PPP—Pressure in hundreds, tens and units of millibars.
TTT; TdTdTd: Dry Bulb; Dew Point temperatures (in tenths of °C.)
Sc—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 ...	—	14 12	14 16	14 17	15 09	...	—	—	—
Chhor ...	20 29	21 31	21 27	22 15	—	...	—	...	—
Chittagong ...	20 19	21 20	23 23	24 34	—	—	—	—	—
Cox's Bazar ...	21 19	22 18	23 17	—	—	—	—	—	—
Dacca ...	21 25	23 33	23 34	24 25	24 26	24 32	24 25	25 29	25 25
Dalbandin ...	...	—	24 13	27 12	28 16	30 14	25 15	—	—
D. I. Khan ...	—	—	—	—	—	—	—	—	—
Drosh ...	—	—	—	—	23 14	19 30	36 06	33 06	11 10
Fort Sandeman ...	—	—	—	14 07	19 09	25 09	—	—	—
Jacobabad ...	17 13	18 15	20 14	22 05	31 06	30 13	32 07	34 07	34 07
Jessore ...	21 18	22 34	23 25	—	—	—	—	-	...
Jhelum ...	16 07	14 10	14 11	16 11	19 08	—	—	—	—
Jiwani ...	20 08	21 19	19 11	04 06	00 13	35 09	26 07	...	—
Karachi ...	24 12	23 14	—	—	—	...	...	...	...
Khanpur ...	21 15	21 17	21 25	22 13	26 08	...	...	...	—
Lahore ...	19 07	15 07	16 09	17 11	17 12	...	-	—	...
Multan ...	20 11	20 17	20 24	21 21	—	...	...	...	...
Muscat ...	—	—	—	—	—	—	—	—	—
Panjgur ...	—	...	...	32 06	33 10	33 09	29 04	20 04	27 02
Peshawar ...	—	...	...	—	—	—	—	—	—
Quetta ...	—	—	...	—	31 01	25 02	24 11	26 06	28 12
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 ...	No	Ascent	—	...	—	—
Chaklala ...	—	12 04	15 11	...	—	...
Chhor ...	23 21	23 29	23 26	...	—	...
Chittagong ...	22 19	22 21	—	...	—	—
Cox's Bazar ...	19 13	19 15	20 19	...	.	...
Dacca ...	22 20	—	—	—	—	—
Dalbandin ...	—	...	26 12	29 15	30 22	30 24
D. I. Khan ...	—	...	—	—	—	—
Drosh ...	...	—	—	22 04	21 05	20 07
Fort Sandeman ...	—	—	—	03 18	31 04	29 23
Jacobabad ...	12 11	19 13	21 07	21 07	28 10	30 04
Jessore ...	23 23	23 24	23 20	25 16	26 17	30 11
Jhelum ...	—	...	—	...	—	...
Jiwani ...	18 08	—	—	...	—	...
Karachi ...	—	—	—	—	—	—
Khanpur ...	23 19	24 28	22 28	23 22	...	—
Lahore ...	No	Ascent	—	—	...	...
Multan ...	24 11	16 09	15 09	36 05	—	—
Muscat ...	—	—	—	—	—	—
Panjgur ...	—	—	—	33 10	34 12	29 08
Peshawar ...	—	03 04	03 06	13 01	21 04	—
Quetta ...	...	—	...	—	31 02	27 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 ...	—	—	—	—	—	...	...	...	...	—	...
Chaklala ...	—	—	—	—	...	...	...	—	—	—	—
Chhor ...	22 17	24 32	—	...	—	—	...	—	...	—	—
Chittagong ...	22 21	22 35	23 20	—	—	—	—	—	—	—	—
Cox's Bazar ...	—	...	—	—	—	...	—	—	—	—	—
Dacca ...	22 26	...	—	...	...	...	—	—	—	—	—
Dalbandin ...	...	—	27 11	29 21	28 30	28 25	—	...	—	—	...
D. I. Khan ...	—	—	—	—	—	...	—	...	—	—	...
Drosh ...	—	...	...	—	22 04	21 08	03 02	35 07	36 07	—	...
Fort Sandeman ...	—	—	—	21 07	17 04	28 17	—	—	—	—	—
Jacobabad ...	11 10	13 09	14 07	15 04	01 02	32 16	29 08	23 16	23 17	23 13	26 17
Jessore ...	—	—	—	—	—	—	—	—	—	...	...
Jhelum ...	13 09	13 11	13 12	09 07	28 04	—	—	—	—	—	—
Jiwani ...	16 07	16 05	31 03	31 03	05 08	33 12	26 10	26 06	26 04	17 03	06 02
Karachi ...	26 19	26 19	26 25	...	—	—	.	—	...	...	...
Khanpur ...	20 09	21 10	21 08	—	—	—	—	—	—	...	...
Lahore ...	15 02	20 14	24 10	24 12	33 09	35 11	—	—	—	—	—
Multan ...	18 10	18 13	17 13	15 13	—	—	...	...	—	—	—
Muscat ...	—	—	—	—	...	...	...	—	...	—	...
Panjgur ...	—	—	—	34 12	33 13	27 09	30 17	—	—	—	...
Peshawar ...	—	05 03	13 02	10 01	02 04	—	—	—	—	—	...
Quetta ...	—	—	—	—	27 12	24 10	24 13	22 11	23 15	—	—
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 ...	21 20	22 31	23 27	24 21	24 19	27 2c	25 17	26 33	25 25	25 28	26 15	—	—	—	—	—	—	—
Karachi ...	26 27	26 31	27 27	29 22	31 20	35 13	02 10	01 06	33 08	32 30	11 09	01 04	11 10	12 14	12 10	—	—	—
Peshawar ...	—	03 09	03 05	12 03	28 04	33 06	31 13	31 17	30 20	29 21	28 30	27 31	—	—	—	—	—	—
Quetta ...																		

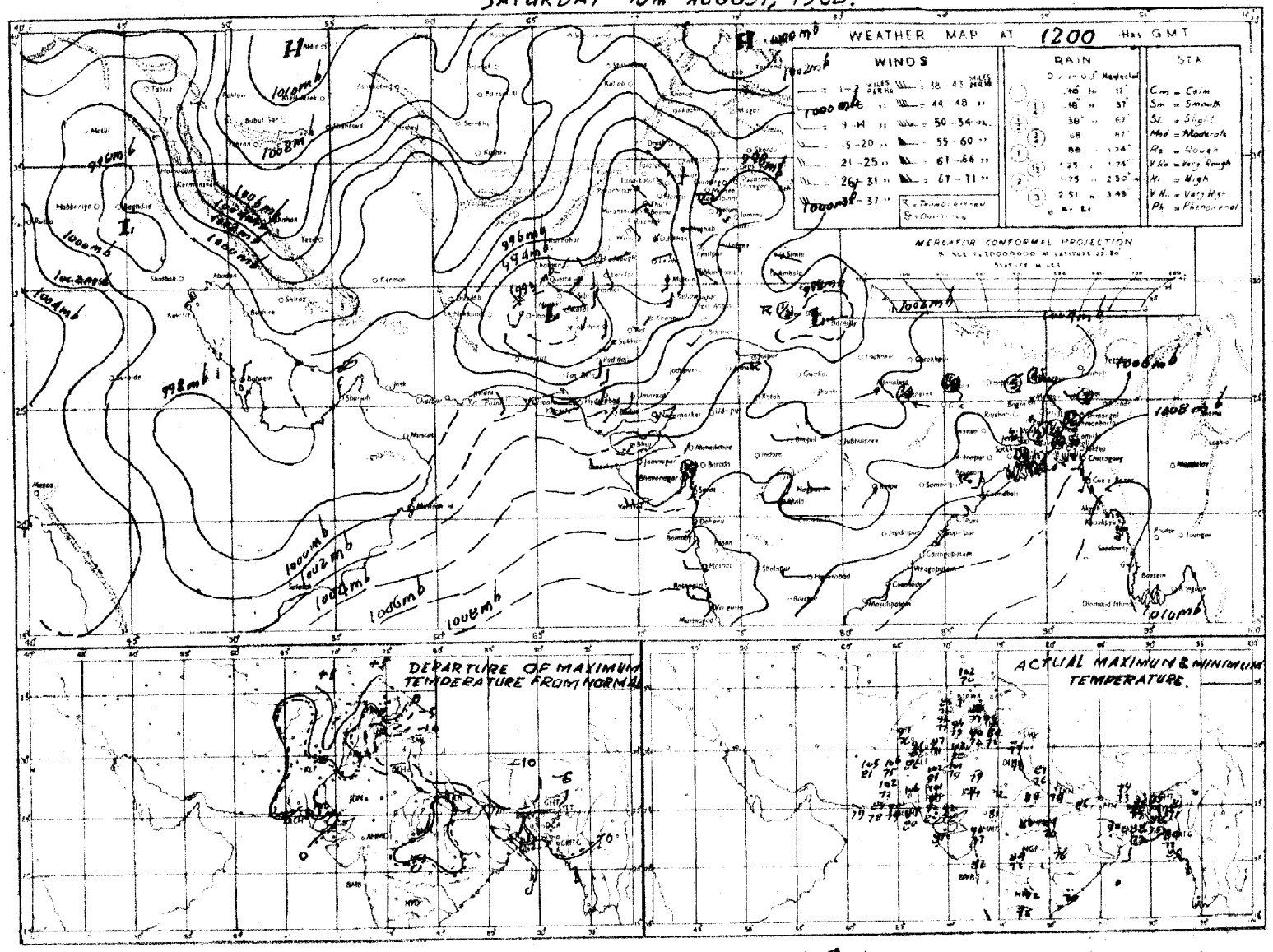
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted

Cloud observation Data (GGiii Cdd V_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

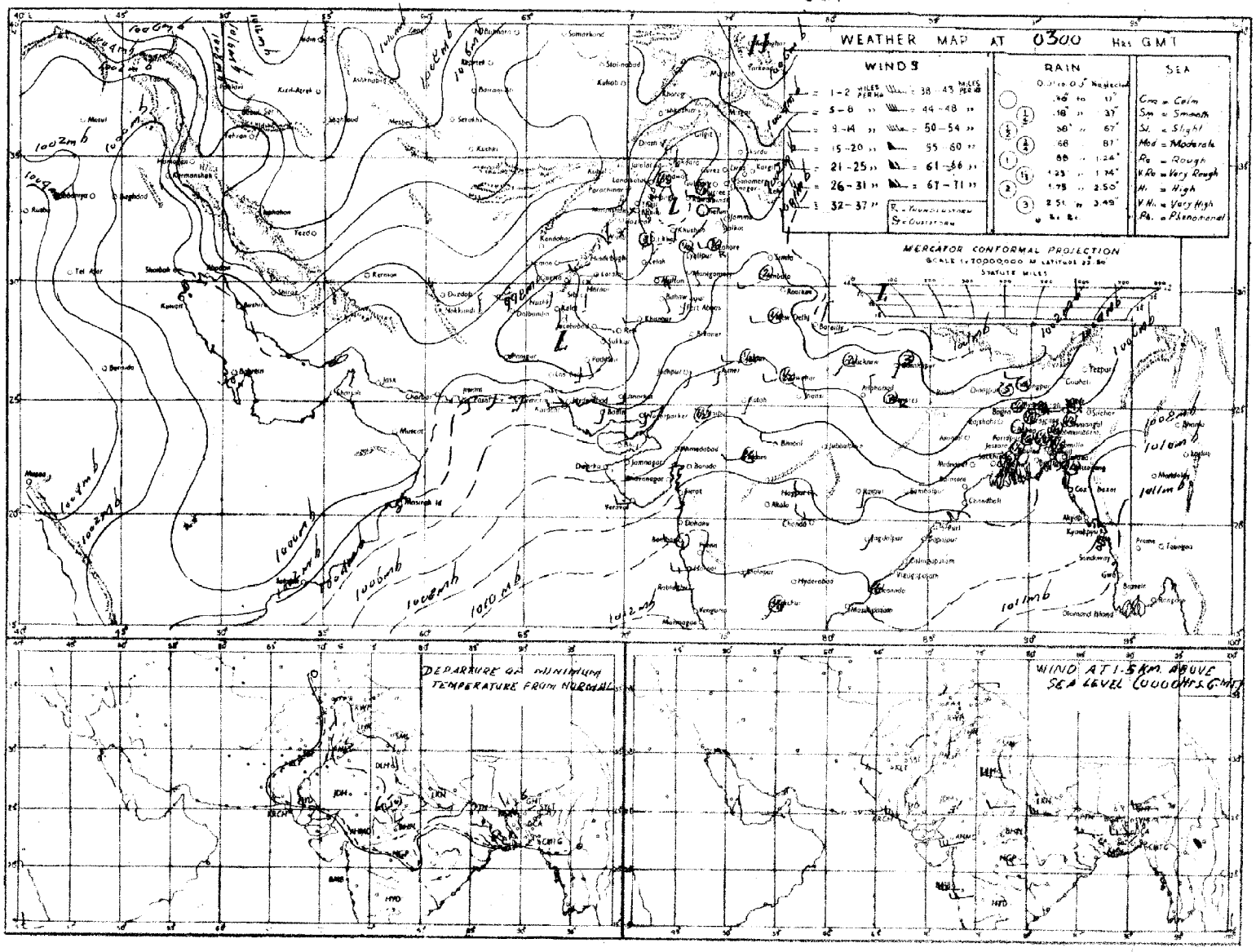
SATURDAY 18th AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 19th AUGUST 1962.



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. 16

MONDAY THE 20th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's westerly low pressure wave over D. I. Khan and Sargodha divisions moved away northwestwards. Another lies over D. I. Khan and Peshawar divisions.

Rain/thundershowers have been widespread in Rawalpindi division and local in Lahore and Peshawar divisions. Light rain/drizzle has also been reported from Multan division.

Axis of monsoon trough continues to run close to the foot of the Himalayas.

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

Chief amounts of rainfall are :—Brahmanbaria 4"; Rangamati, Chittagong, Sylhet, Narayanganj, Dacca, Jessore and Rangpur 3" each; Srimangal, Mymensingh, Faridpur, Bogra and Campbellpur 2" each; Maijdee Court, Sirajganj, Jhelum and Rawalpindi 1½" each; Pabna, Dinajpur, Sialkot and Parachinar 1" each; Comilla and Haripur 3/4" each; Barisal 1/2" and Cox's Bazar, Murree, Chakdara and Kakul 1/4" each.

Day temperatures were 6—10 °F (3—6 °C) below normal in Lahore, Multan, Sargodha and Bahawalpur divisions and 3—5 °F (2—3 °C) so in Rajshahi, Rawalpindi, Khairpur and Quetta divisions.

Forecast valid until the evening of 21st August, 1962 :—Rain/thundershowers will be fairly widespread in East Pakistan, Peshawar, Rawalpindi divisions and Kashmir; local in D. I. Khan, Sargodha and Lahore divisions and scattered in Quetta, Multan and Bahawalpur divisions.

Earthquake report :—An earthquake of severe intensity in the epicentral region was reported by the Sismograph of the Geophysical Institute Quetta at 23 hours 30 minutes and 51 seconds (W.P.S.T.) on 19—8—62. The epicentre of the shock has been located at a distance of about 1300 miles northeast of Quetta near Western China Russian border.

Karachi-11
The 20th August, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	150	9	9	12	02	94	61	9	068	78	4	6	9	7		76	81
	Cox's Bazar	032	6	8	27	12	97	02	6	056	83	5	5	4	7	x	77	85
	Chittagong	010	8	8	23	14	97	03	6	045	82	8	6	5	x	0	80	84
	Maijdee Court	000	0	7	18	09	96	02	2	047	82	4	2	5	2	0	79	84
	Comilla	001	7	8	00	00	96	02	6	020	82	8	4	4	x	x	79	86
	Brahmanbaria	955	3	7	13	03	97	03	6	031	xx	7	5	5	0	0	79	82
	Sylhet	881	9	8	18	02	96	61	6	032	77	7	6	9	7	2	76	83
	Srimangal	090	8	8	00	00	94	16	6	013	78	8	4	3	0	0	76	78
Dacca	Mymensingh	120	8	8	00	00	97	02	9	032	80	8	7	4	x	x	80	81
	Narayanganj	000	9	8	18	03	96	02	2	035	82	8	4	2	x	x	76	85
	Dacca (Tejgaon)																	
	Faridpur	000	0	8	20	07	96	02	2	025	84	6	4	5	1	0	80	86
Khulna	Barisal	000	0	8	09	01	97	02	2	045	78	8	0	9	8	0	77	87
	Khulna	000	0	5	00	00	97	01	2	037	85	5	5	6	0	0	80	88
	Satkhira	000	0	5	23	03	97	03	2	041	85	2	2	8	2	0	79	88
	Jessore	000	0	4	09	03	96	03	3	051	85	6	4	5	0	0	81	85
Rajshahi	Pabna	000	0	7	18	05	97	01	2	013	83	4	8	7	7	2	78	84
	Sirajganj	328	9	8	13	03	96	02	5	016	81	8	7	4	0	0	80	85
	Bogra	140	9	8	23	02	96	95	9	022	77	6	7	4	2	x	77	83
	Dinajpur	092	3	2	00	00	96	02	6	006	79	4	5	6	2	x	78	87
	Rangpur	318	5	8	16	02	96	63	8	010	87	8	0	1	7	6	78	xx
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	23	00	96	00	6	007	86	1	1	7	0	0	75	87
	Sialkot	000	0	1	00	00	96	01	0	979	89	1	2	6	x	x	77	89
Rawalpindi	Jhelum	000	1	3	13	03	98	01	1	972	88	2	1	7	1	0	73	90
	Rawalpindi	000	0	6	13	05	98	03	2	971	88	6	6	6	0	0	74	90
	Campbellpur	000	0	0	09	02	97	00	0	950	02	0	0		0	0	91	02
Sargodha	Khushab	000	0	3	13	03	97	01	2	979	91	3	2	6	0	0	81	95
	Lyallpur	000	0	3	00	00	97	02	1	985	92	0	0	9	4	0	73	92
Multan	Montgomery	000	0	4	00	00	95	03	2	980	xx	2	3		4	0	75	91
	Multan	000	0	8	00	00	97	02	2	972	93	4	5	6	5	2	73	94
	Leiah	000	0	8	09	03	96	03	2	946	9	9	5	8	0	0	75	05
Bahawalpur	Khanpur	000	0	5	20	05	96	02	2	966	96	2	0	9	3	4	70	97
	Bahawalpur	000	0	6	23	09	97	00	0	xxx	90	5	1	9	0	0	75	96
	Fort Abbas	000	0	0	23	02	98	00	0	967	98	0	0	9	0	0	70	80
Peshawar	Chakdara	000	0	2	13	01	97	01	0	941	86	2	0	9	1	0	72	87
	Peshawar	000	9	7	00	00	98	03	9	960	90	6	9	6	1	0	76	91
	Haripur	000	0	0	23	01	96	00	0	923	94	0	0	9	0	0	75	95
D. I. Khan	Bannu	000	5	6	23	02	99	03	1	969	88	0	0	9	0	8	70	93
	D. I. Khan	000	0	6	30	00	98	03	1	972	92	0	0	9	6	0	77	xx
Quetta	Sibi	000	9	4	18	02	97	08	0	093	92	2	3	5	3	9	72	03
Kalat	Nokkundi	000	0	0	34	05	98	02	0	939	03		0	9		0	30	05
	Turbat	000	0	0	23	07	97	00	0	975	00	0	0	9	0	0	69	00
	Jiwani	000	0	3	18	14	97	02	1	006	81	3	6	5	0	0	79	46
	Pasni	000	6	0	23	07	95	05	2	983	85	0	0	9	0	0	78	88
Karachi Division	Ormara	000	0	3	23	10	94	03	1	001	86	3	1	6	0	0	77	69
	Lasbela	000	0	3	00	00	98	03	0	860	87	3	0	9	3	0	65	02
	Karachi (Manora)	000	0	4	25	12	96	01	1	006	87	0	0	9	0	3	81	90
	Karachi (Airport)	000	0	7	23	14	96	03	2	014	84	7	5	5	0	0	75	92
Hyderabad	Nagarparkar	002	0	6	13	04	97	00	0	003	87	0	6	7	0	0	74	67
	Umerkot	000	0	8	23	05	98	02	0	994	17	8	9	7	0	0	75	92
	Hyderabad	000	0	5	23	19	97	01	0	996	89	5	0	9	7	0	73	92
	Badin	000	0	8	33	05	97	00	1	032	86	0	0	9	0	1	74	91
Khairpur	Padidan	000	0	0	18	10	97	02	0	956	03	0	0	9	0	0	72	06
	Nawabshah	000	0	7	16	07	96	03	0	977	95	7	0	9	7	0	73	00
	Sukkur	000	4	0	13	02	97	02	1	983	00	0	0	9	0	0	79	01
	Kashmore	...	...	...	...	...	...	...		...	...		...	9	...		...	...
	Jacobabad	000	0	2	13	03	97	02	0	958	96	0	0	9	0	2	86	99
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar *	xxx	x	4	00	00	97	02	9	400	76	2	9	8	3	0	59	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	...	—	...	...	—	...	...	...	...	...	...	...	...	...	...	...	...
	Aliabad *																	
	Gilgit *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Murree *	000	3	8	27	05	95	03	4	417	66	8	5	7	x	x	60	67
Peshawar	Drosh *	000	0	1	23	16	99	01	0	303	91	1	1	7	0	0	52	96
	Cherat *	000	0	7	18	09	98	03	2	382	74	2	2	6	0	0	71	90
	Kakul *	000	8	7	09	03	97	03	2	418	77	7	9	5	0	3	69	60
	Landikotal *	000	0	5	13	05	97	03	1	389	82	5	5	7	x	x	70	96
	Parachinar *	000	3	0	05	02	97	20	6	411	xx	8	7	0	0	0	60	xx
D. I. Khan	Miranshah *	000	0	8	05	00	98	03	2	415	85	8	4	8	0	0	71	xx
	Wana *	000	0	5	43	03	98	01	1	513	61	5	0	9	5	0	65	69
Quetta	Fort Sandeman *	000	0	6	20	02	97	05	4	594	96	6	0	6	3	0	46	58
	Hindubagh *	000	0	2	25	17	96	00	0	375	87	0	0	9	0	8	30	69
	Loralai *	000	0	6	11	05	99	02	3	398	88	0	0	9	2	1	72	94
	Harnai *	000	0	4	16	05	97	01	0	393	81	[illegible]	1	5	0	0	88	92
	Quetta *	000	0	3	33	03	96	07	0	421	69	3	1	5	0	0	[illegible]	90
	Chaman *	000	0	0	23	09	96	00	0	592	94	0	0	9	0	0	46	95
	Nushki *	000	0	0	18	09	98	02	0	437	01	0	0	9	0	0	53	07
	Dalbandin *	000	0	0	27	19	92	07	0	424	01	0	0	9	0	0	41	04
Kalat	Kalat *	000	0	0	27	03	97	00	0	406	84	0	0	9	0	0	76	86
	Panjgur *	000	0	4	36	07	96	03	0	428	01	4	5	6	0	0	44	03
Afghanistan	Kabul *																	
	Kandhar *																	

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 1962 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1962 to date (41)	Rainfall Annual Normal (42)
Chittagong	Rangamati	262	0	7	10	05	93	31	2	067	78	4	7	3	7	0	76	xx	—	—	42.0	—	49.9	—
	Cox's Bazar	032	1	8	23	13	97	02	5	070	82	6	4	5	7	0	78	79	— 1	+ 3	—		[illegible]	140
	Chittagong	325	9	8	05	05	97	64	6	043	73	8	7	4	x	x	72	72	— 2	— 4	63.1	+ 4.9	76.6	100
	Maijdee Court	150	9	8	18	02	96	61	6	067	xx	8	6	5	0	0	72	73	— 1	— 5	61.0	+ 0.4	77.5	115
	Comilla	080	2	8	18	05	96	06	6	069	75	8	4	4	x	x	76	xx	— 1		43.3	— 3.8	56.5	94
	Brahmanbaria	955	3	7	18	03	97	03	4	051	76	7	4	5	0	0	75	74	—	—	36.0	+ 0.7	53.7	78
	Sylhet	265	9	8	00	00	96	51	6	050	76	7	7	4	2	x	75	75	—	—	73.7	—	99.8	—
	Srimangal	182	3	8	18	12	95	03	5	046	77	8	0	4	0	0	74	73	— 10	— 3	48.2	+ 4.6	39.7	90
Dacca	Mymensingh	240	9	8	00	00	97	02	9	048	77	8	5	4	x	x	75	73	— 6	— 5	40.4	— 2.8	45.4	91
	Narayanganj	318	9	8	13	02	96	51	9	047	77	5	1	2	3	x	80	74	— 2	— 5	31.5	— 2.4	48.6	74
	Dacca (Tejgaon)	259	9	8	18	02	97	60	8	042	77	5	7	3	2	x	76	74		—	29.5	—	44.3	—
	Faridpur	181	C	8	16	02	95	91	8	043	79	8	7	5	5	1	78	78	— 1	— 4	24.6	— 9.1	39.5	71
Khulna	Barisal	145	4	8	18	02	97	02	6	055	80	8	7	6	x	x	79	78	— 0	— 3	35.4	— 5.9	46.3	81
	Khulna	004	0	7	00	00	97	03	2	050	83	7	5	5	0	0	81	79	+ 1	+ 1	26.1	— 9.6	33.7	68
	Satkhira	009	1	8	00	00	96	03	6	060	82	4	4	4	2	x	81	80	— 0	+ 2	31.5	— 1.6	38.7	65
	Jessore	270	9	8	18	07	96	03	9	042	82	8	7	5	x	x	81	73	—	—	24.3	— 7.8	33.9	65
Rajshahi	Pabna	102	9	8	23	05	96	65	9	038	80	8	7	6	x	x	80	75	—	—	30.7	—	44.2	59
	Sirajganj	152	x	8	23	03	97	02	2	045	80	8	7	5	0	0	79	75	— 2	— 4	28.1	— 2.9	40.3	64
	Bogra	187	9	8	23	03	96	61	6	035	78	5	7	4	2	x	78	75	— 6	— 3	29.7	— 4.4	40.3	69
	Dinajpur	092	9	6	00	00	96	02	2	026	79	6	2	7	x	x	78	75	— 2	— 3	33.5	— 3.4	40.7	72
	Rangpur	285	9	7	27	02	96	01	4	032	78	7	5	6	0	0	77	75	—	— 3	41.8	— 0.4	60.0	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	6	13	02	96	03	0	995	83	4	5	6	0	2	76	79	— 10	+ 1	10.2	— 0.3	16.6	19
	Sialkot	120	0	8	00	00	97	62	3	005	70	8	3	5	7	0	70	69	— 5	— 9	12.8	— 4.0	19.2	30
Rawalpindi	Jhelum	143	1	7	09	09	96	03	9	962	73	2	7	5	2	0	71	xx	—	—	12.4	—	18.5	
	Rawalpindi	373	8	3	36	03	99	01	9	005	70	3	0	9	3	8	69	66	— 4	— 9	14.6	— 2.2	26.2	36
	Campbellpur	190	6	0	00	00	98	00	2	928	xx	0	0	9	0	0	79	xx	—	—	7.6	—	7.8	—
Sargodha	Khushab	000	0	6	07	09	96	02	2	989	82	2	3	5	1	0	76	75	— 5	— 6	1.1	— 6.7	6.1	15
	Lyallpur	000	0	6	16	02	96	02	3	986	82	6	7	8	0	0	79	76	— 6	— 4	3.6	— 3.0	7.3	13
Multan	Montgomery	000	0	4	00	00	96	02	1	984	85	4	4	8	0	0	79	79	— 10	— 3	6.5	+ 0.7	9.0	10
	Multan	000	4	5	18	03	97	03	5	980	85	2	4	6	5	0	74	84	— 4	+ 1	0.3	— 3.7	2.0	7
	Leiah	017	7	7	09	02	97	02	2	975	88	0	0	9	9	0	79	75	—	—	1.7	—	3.5	8
Bahawalpur	Khanpur	000	0	0	23	05	96	02	0	981	83	0	0	9	0	0	73	79	— 6	— 2	3.4	— 0.8	4.4	6
	Bahawalpur	000	0	5	18	02	97	00	0	990	85	5	0	9	2	0	74	xx	— 4	—	1.4	— 2.4	2.1	6
	Fort Abbas	000	0	0	20	02	98	00	0	001	85	0	0	9	0	0	73	82	—	—	0.6	—	0.9	8
Peshawar	Chakdara	033	0	0	36	01	97	00	0	969	77	0	0	9	0	0	68	71	—	—	4.7	—	14.0	—
	Peshawar	000	7	5	13	02	97	01	9	993	78	3	7	3	0	0	69	73	— 7	— 6	1.5	— 1.7	8.1	11
	Haripur	072	6	0	05	01	97	01	6	997	75	0	0	9	0	0	69	67	—	—	—	—	—	—
D. I. Khan	Bannu	000	1	6	00	00	98	02	5	983	79	8	8	6	0	0	73	76	—	—	0.6	—	3.7	11
	D. I. Khan	000	2	7	00	00	98	02	1	974	82	7	7	8	0	0	78	77	—	— 4	0.6	— 3.7	3.5	9
Quetta	Sibi	000	2	2	18	12	97	05	0	986	87	0	0	9	2	1	74	64	—	—	2.6	—	3.7	8
Kalat	Nokkundi	000	0	0	34	05	58	02	0	926	86	0	0	9	0	0	33	79	—	—	0	—	0.1	2
	Turbat	000	0	0	27	01	96	05	0	004	85	0	0	9	0	0	75	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	7	13	03	97	02	2	020	81	7	6	4	0	0	72	79	—	—	1.2	—	1.9	5
	Pasni	000	3	8	17	01	96	03	4	021	79	8	4	7	0	0	78	77	— 1	+ 1	0	— 0.9	0.3	6
Karachi Division	Ormara	000	0	6	27	05	54	03	2	015	83	6	1	6	0	1	77	80	—	—	1.0	+ 0.2	2.0	6
	Lasbela	000	0	4	36	01	97	04	0	942	84	4	0	9	4	0	81	xx	—	—	—	—	—	8
	Karachi (Manora)	000	0	7	27	14	96	03	2	016	81	0	0	9	9	0	75	79	+ 5	+ 1	3.7	— 1.5	3.7	8
	Karachi (Airport)	000	0	6	27	12	96	03	2	021	81	6	6	5	0	0	75	79	—	—	4.9	—	4.9	—
Hyderabad	Nagarparkar	002	0	5	27	02	97	00	0	022	83	0	5	7	0	0	71	63	—	—	4.6	—	4.6	—
	Umerkot	000	0	8	23	05	97	02	0	004	82	4	2	7	5	0	75	78	—	—	5.3	—	5.4	—
	Hyderabad	000	0	1	33	0	97	01	0	995	81	0	0	9	0	1	73	79	— 3	0	4.3	— 0.7	5.1	7
	Badin	000	0	0	23	05	97	01	1	032	81	8	0	9	0	1	74	79	— 1	0	3.5	— 2.1	4.1	9
Khairpur	Padidan	000	0	0	13	09	98	02	0	977	83	0	0	9	0	0	73	78	—	—	2.2	—	2.8	—
	Nawabshah	000	0	0	16	05	[illegible]	02	0	988	84	0	0	9	0	0	74	79	—	—	2.5	—	2.9	—
	Sukkur	000	0	0	16	03	96	02	0	976	83	0	0	9	0	0	73	80	—	—	2.7	—	2.7	4
	Kashmore	000	0	0	00	00	99	10	0	965	65	0	0	9	0	0	68	78	—	—	0.5	—	0.5	—
	Jacobabad	000	0	4	09	05	96	02	0	977	84	0	0	9	0	0	80	82	— 4	0	1.0	— 1.1	1.9	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
HILL STATIONS																								
Kashmir	Srinagar *	xxx	x	8	14	03	95	03	2	427	66	5	5	5	0	0	64	64	—	—				26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							24
	Leh **																							3
	Skardu *																							4
	Misgar **	000	0	3	36	03	98	01	0	060	54	2	1	8	6	0	41	50		—				—
	Aliabad *																							—
	Gilgit *	000	0	4	00	00	98	01	1	428	71	4	5	8	0	0	65	65		—				1
Rawalpindi	Murree *	033	7	5	00	00	97	02	0	421	60	0	0	9	5	0	52	54	— 3	— 3	22.5	— 4.2	47.9	59
Peshawar	Drosh *	000	0	7	00	00	97	03	9	437	73	7	0	9	7	0	58	70	+ 1	— 2	4.3	—	16.2	18
	Cherat *	000	0	9	13	05	96	47	0	372	69	9	x	x	x	x	69	65	+ 4	— 5	8.7	+ 0.3	32.9	29
	Kakul *	025	9	2	09	03	98	01	9	432	67	2	4	6	0	9	64	65	—	—	27.3	—	37.9	—
	Landikotal *	008	0	2	05	13	98	01	0	411	71	2	0	9	3	0	67	68	—	—	0.6	—	12.3	—
	Parachinar *	090	2	3	00	00	90	06	7	428	64	3	0	9	1	0	62	60	—	— 4	8.1	—	21.6	29
D. I. Khan	Miranshah *	000	0	4	00	00	59	03	2	417	77	4	4	9	0	0	68	73	—	—	0.3	— 3.3	2.1	13
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
Quetta	Fort Sandeman *	000	0	1	34	01	59	01	0	426	77	1	0	9	0	4	69	73	+ 1	0	4.7	+ 0.5	9.4	11
	Hindubagh *	000	0	0	5	12	96	00	0	391	73	0	0	9	0	0	42	63	—	—	0.8	—	4.6	—
	Loralai *	000	0	7	75	02	98	00	2	405	74	0	4	8	2	1	54	67	—	—	1.1	—	4.6	9
	Harnai *	000	0	3	00	00	97	03	0	397	81	3	9	5	0	0	71	79	—	—	3.9	— 1.7	7.1	14
	Quetta *	000	0	0	05	02	56	00	0	412	74	0	0	9	0	0	43	62	—	—	0.1	— 0.9	4.3	9
	Chaman *	000	0	0	13	07	98	00	0	476	78	0	0	9	0	0	33	72	— 3	0	0	— 0.1	1.3	8
	Nushki *	000	0	0	31	05	98	02	0	464	84	0	0	9	0	0	47	78	—	—	0	—	1.6	—
	Dalbandin *	000	0	0	23	05	95	05	0	419	79	0	0	9	0	0	30	72	— 1	+ 1	0	— 0.2	7.1	4
Kalat	Kalat *	000	0	0	18	02	97	00	0	424	69	0	0	9	0	0	63	59	— 3	+ 2	0.2	— 0.9	2.1	7
	Panjgur *	000	0	0	00	00	97	02	0	432	78	0	0	9	0	0	67	75	+ 2	+ 2	0.3	—	1.3	5
Afghanistan	Kabul *																							
	Kandhar *																							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 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 20th AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	Nddff	VVwwW	PPP TT	NhCLhCMCH	DsVs a pp	8 NsChshs	0TsTsTdTd	IwdwPwHw
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Caltex the Hague	13 202	637 06	8 21 24	98 0 32	049 81	[illegible] 2 xx	—	—	[illegible]	12 1 33
Caltex Utrecht	[illegible]	[illegible]	[illegible]	90 0 [illegible]	[illegible]	[illegible]	—	—	[illegible]	11 3 20
Valletia	13 237	[illegible] 06	3 99 02	97 0 21	087 98	08 9 2x	76 2 16	—	[illegible]	11 4 xx
[illegible]	[illegible] 266	492 08	[illegible]	[illegible]	[illegible]	[illegible]	76 1 [illegible]	—	[illegible]	10 6 20
[illegible]	13 120	740 06	8 29 [illegible]	97 4 46	146 75	87 8 [illegible]	78 9 [illegible]	—	[illegible]	13 8 21
[illegible]	13 258	617 12	4 [illegible]	98 0 25	007 [illegible]	47 4 [illegible]	25 7 [illegible]	—	[illegible]	11 9 23
Valletia	13 249	579 12	0 44 09	[illegible]	[illegible] 95	[illegible]	70 8 08	—	[illegible]	11 4 21
Ariana	13 229	595 12	8 15 12	97 0 22	995 86	30 9 46	85 7 10	—	[illegible]	11 5 x0
Sindhana	13 249	631 [illegible]	7 18 05	[illegible] 0 [illegible]	021 [illegible]	[illegible] x xx	25 2 [illegible]	—	[illegible]	11 8 xx
[illegible]	13 190	713 18	3 29 05	98 0 30	113 80	27 4 20	[illegible] 10	—	[illegible]	13 0 22
Valletia	13 261	569 18	0 14 13	97 0 20	000 80	00 9 00	[illegible] 10	—	[illegible]	11 4 11
Allored	13 264	545 18	0 27 06	98 0 20	000 8[illegible]	00 9 00	23 4 00	—	[illegible]	12 7 00
BAY OF BENGAL										
Musbeck	12 186	901 12	7 37 13	99 0 22	044 01	92 3 91	73 7 84	...	[illegible] 1 02	—

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000mb	900mb	850mb	800mb	700mb	600mb	500mb	400mb	300mb	200mb	150mb	100mb
			HHHTTTTdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	036 248 245	—	—	143 185 125	...	340 145 112	438 075 328	587 025 575	765 548 598	656	—	—	...
[illegible] ...														
Karachi ...	00 00	999 268 [illegible]30	001 xxx xxx	—	142 239 128	—	311 145 998	438 032 995	584 548 845	757 523 665	871 775	251 920	436 980	—
Lahore ...	00 00	975 275 242	612 xxx xxx	—	140 218 992	...	308 125 105	435 032 995	580 570 [illegible]90	750 675 995	863 812	—		—
Multan ...														
Peshawar ...	00 00	950 232 215	—	...	136 150 993	...	300 075 998	425 505 995	568 606 992	737 685 995	848 782	...		—
Quetta ...	00 00	MISDA	—	—	—	...	—				—	—		—

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE St.HHHHTT	St.HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	002 252 242	900 205 188	800 178 158	465 005 535	350 555 608	010 570 320	—	—	—	010 570 320	—	—
[illegible] ...													
Karachi ...	00 00	990 222 185	800 210 980	734 255 085	—	—	—	—	—	—	734 255 089	...	—
Lahore ...	00 00	980 232 215	900 190 160	...	...	—	—	...	—	—	900 190 160	—	—
Multan ...													
Peshawar ...	00 00	990 182 995	800 122 992	—	—	—	—	—	—	—	800 122 992	—	—
Quetta ...	00 00	MISDA	...	—	—	—	—	...	—	...	—	—	—

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 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 [illegible] 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 ...	—					...	...	—	—	23 14	23 18	25 20	26 27	—	—	23 13	24 15								—	—
Chaklala ...	...	15 10	15 07	16 07	22 06	—	—	—	...	—	37 04	14 04	14 05	—	...	—	23 04	25 02	15 04	09 07	31 04	28 11	29 13	28 25	—	—
Chhor ...	23 29	23 22	—	—	—	—	—	...	...	23 16	24 23	—	...	—	...	23 17	—	—	—	—	—	—	—	—	—	—
Chittagong ...	24 15	21 20	23 27	—	—	...	—	—	—	No	Ascent		...	—	—	No	Ascent	—	...	—	—	—	—	—	—	—
Cox's Bazar ...	23 15	23 21	—	—	...	...	—	—	—	20 13	21 17	22 18	...	..	—	22 17	—	—	...	...	—	—	—	—	—	—
Dacca ...	—	...	—	—	—	—	—	...	—	No	Ascent	—				No	Ascent	—	...	—	—	—	—	—	—	—
Dalbandin ...	...	—	28 15	27 40	...	—	...	...	—	—	—	28 08	29 17	28 25	29 27	...	—	27 11	28 16	26 27	29 26	27 25	28 31	07 07	27 14	29 20
D.I. Khan ...	—	—	—	—					—	—	—	—				—	—	...	—	...	...		...		—	...
Drosh ...	...	—	...	—	23 15	20 10	20 10	17 07	06 04	—		—	22 01	21 03	23 03	—	—	—	—	18 01	20 03	21 07	—		—	...
Fort Sandeman ...	...	...	...	23 10	29 06	27 09	—	—	...	—		—	03 13	26 06	29 21	—	—	—	24 05	23 08	28 13	—	—		—	...
Jacobabad ...	17 09	14 07	15 07	18 07	04 04	28 04	29 08	...	—	16 12	22 03	26 04	31 12	32 16	29 26	11 01	34 04	30 06	28 04	27 07	28 11	—	—	—	—	...
Jessore ...	—	—	—	—	—	—	—	—	—	No	Ascent	—	...	—	—	No	Ascent	—	—	—	—	—	—	—	—	...
Jhelum ...	19 03	19 06	19 04	16 03	30 07	32 12	30 18	31 29	30 29	No	Ascent	—	...	...	...	03 02	13 04	17 03	26 08	28 09	32 14	—	—	—	—	...
Jiwani ...	17 31	22 01	15 03	32 05	32 07	33 12	29 11	24 10	26 09	17 07	...	—	—	—	...	16 08	14 08	—	—	...	—	—	—	—	—	...
Karachi ...	24 17	25 24	—	—	—	—	...	...	—	—	—	—	—	—	—	26 15	27 20	27 21	—	—	—	—	—	—	—	...
Khanpur ...	19 06	21 12	20 09	21 12	21 17	22 23	—	—	—	21 15	22 27	33 31	24 19	26 17	—	—	—	—	—	—	...	—	—	—	—	...
Lahore ...	21 03	23 07	24 09	26 11	27 08	30 06	30 17	32 22	31 28	16 08	16 07	18 08	32 01	29 06	28 10	09 03	17 03	14 07	19 05	30 07	—	—	—	—	—	...
Multan ...	15 07	18 05	18 06	18 07	...	—	...	...	—	20 15	22 21	24 15	31 04	33 11	—	21 05	20 07	18 09	18 12	18 15	...	—	...	—	—	...
Muscat ...	—	...	—	—	—	—	—	—	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Panjgur ...	—	...	...	33 13	33 20	—	—	...	...	—	—	—	25 10	33 05	23 03	...	—	—	31 06	31 09	31 13	27 13	25 12	28 07	—	—
Peshawar ...	—	—	15 06	19 11	21 17	25 14	—	—	—	—	06 03	09 18	...		—	—	—	—	—	...	—	—	—	—	—	—
Quetta ...	—	—	—	—	28 06	32 08	31 11	29 15	28 17	—	—	—	—	25 03	31 01	—	—	—	—	28 08	29 13	26 15	28 16	25 15	26 18	26 19
Sharjah ...	—	—	—	—	—	...	—	...	—	—	...	...	—	...	—	—	—	—	—	—	...	—	—	—	—	—
Sylhet ...	—	12 04	...	...	—	—	—	—	—	—	—	—	—	—	—	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 ...	22 11	24 07	25 09	25 18	25 21	26 17	28 18	27 26	29 19	29 20	29 07	—			—			—
Karachi ...	27 25	27 27	29 36	19 22	19 17	05 09	01 10	51 08	22 06	28 10	25 06	28 09	28 11	25 07	—	—	...	—
Peshawar ...	...	36 05	05 07	12 04	24 04	28 05	29 17	27 26	27 20	27 17	26 26	27 41	—	—	—	—		—
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.

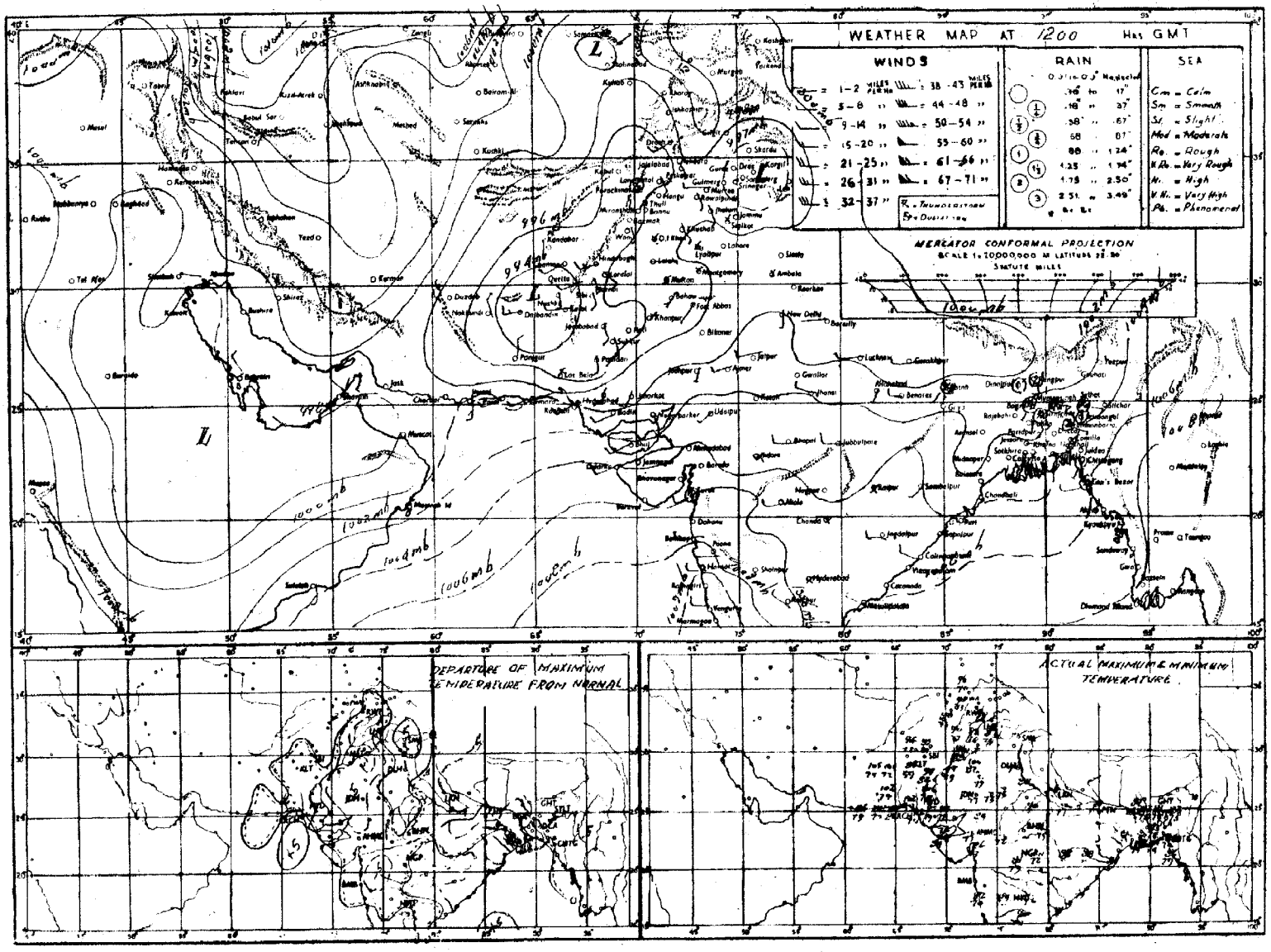
Cloud observation Data (GGiii Cdd VrVr etc.)

11	739	63	410
12	530	61	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

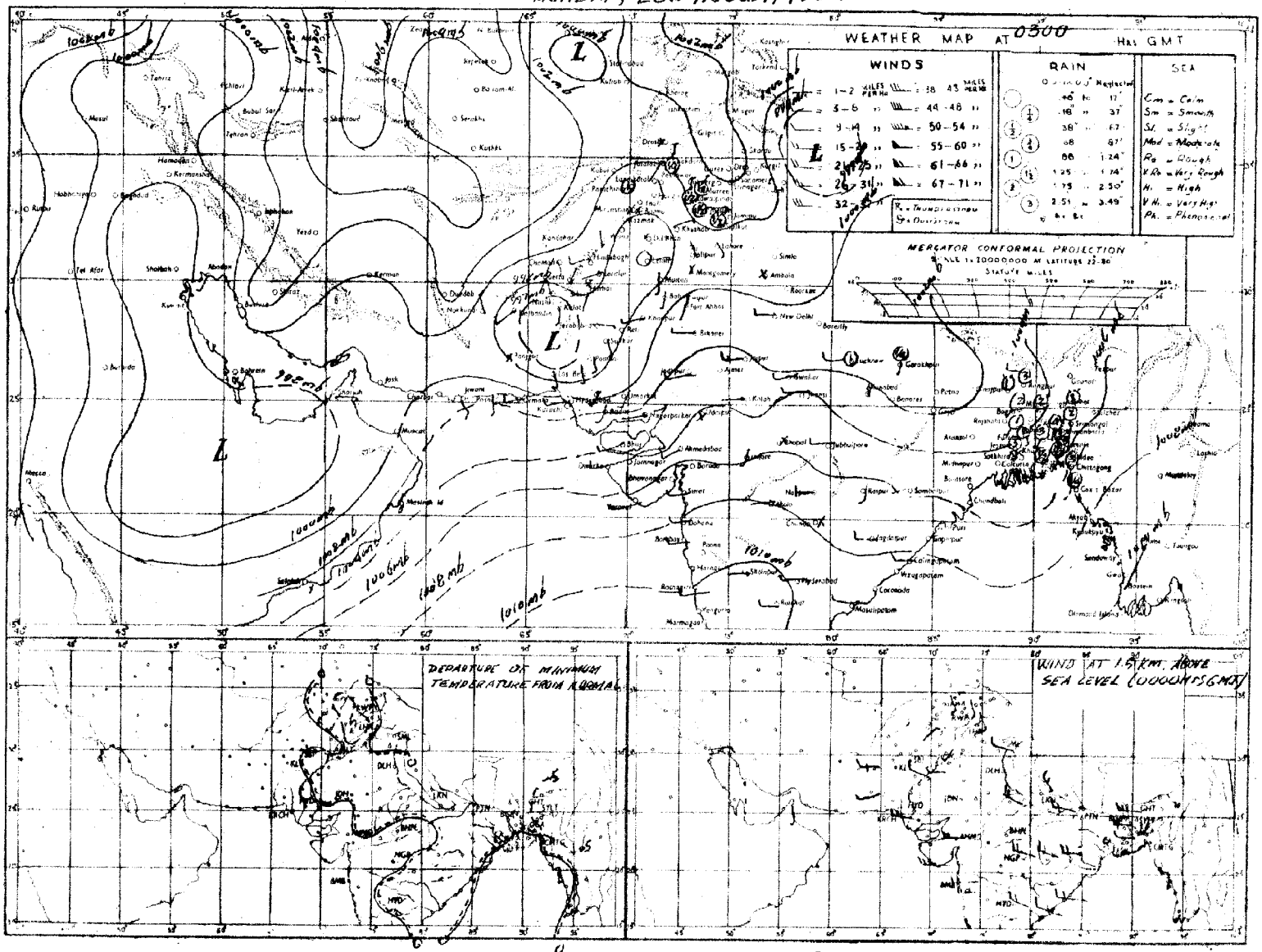
SUNDAY, 19th AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

MONDAY, 20th AUGUST, 1962.



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

Monthly Subscription

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

TUESDAY THE 21st AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's westerly low pressure over D. I. Khan and Peshawar divisions is moving away across Rawalpindi division and Kashmir. Another westerly low pressure wave lies over Afghanistan and adjoining areas.

They have caused widespread rain/thundershowers with a few moderate to heavy falls in Rawalpindi division, fairly widespread in Peshawar and D. I. Khan divisions, local in Lahore division and scattered in Sargodha and Multan divisions.

Axis of monsoon trough continues to run close to the foot of the Himalayas.

Rainfall has been widespread in Dacca and Khulna divisions and fairly widespread in Chittagong and Rajshahi divisions. Locally moderate to heavy falls have been reported from Chittagong and Khulna divisions.

Chief amounts of rainfall are :—Chittagong 4", Cox's Bazar, Khulna and Satkhira 3" each, Maijdee Court, Sylhet, Rawalpindi and Lyallpur 2" each, Mymensingh, Narayanganj, Sialkot, Haripur and Landikotal 1½" each, Pabna, Bogra, Campbellpur, Chakdara, Bannu and D. I. Khan 1" each, Brahmanbaria (upto 0000 GMT) 1", Dacca, Sirajganj, Jhelum, Murree and Kakul 3/4" each, Comilla, Faridpur, Jessore and Montgomery 1/2" each and Barisal, Rangpur, Cherat and Miranshah 1/4" each.

Day temperatures were 4—10 °F (2—6 °C) below normal over the country outside Kalat, Karachi, Khairpur, Bahawalpur, Hyderabad and Khulna divisions.

Forecast valid until the evening of 22nd August, 1962 :—Fairly widespread rain/thundershowers will occur in Dacca and Chittagong divisions, local in Rajshahi, Khulna, Rawalpindi and Peshawar divisions and in Kashmir and scattered thunderstorm/showers in Quetta, D. I. Khan, Sargodha, Multan and Bahawalpur divisions.

Karachi-11
The 21st August, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati																	
	Cox's Bazar	038	4	8	27	05	97	51	6	045	79	5	5	4	2	0	76	xx
	Chittagong	193	8	8	33	02	96	64	6	050	74	8	7	4	x	x	74	76
	Maijdee Court	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Comilla	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Brahmanbaria	070	5	6	18	03	97	60	6	036	77	4	5	5	0	0	75	41
	Sylhet	193	9	8	18	02	96	61	6	033	76	7	7	4	2	x	75	77
	Srimangal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dacca	Mymensingh	130	0	8	00	00	97	02	6	032	78	8	4	4	x	x	77	89
	Narayanganj	191	9	8	18	02	96	61	6	032	77	8	7	2	x	x	80	86
	Dacca (Tejgaon)	086	9	8	00	00	97	21	6	026	77	5	7	3	2	x	76	80
	Faridpur	015	8	8	20	05	96	60	6	020	78	7	4	5	1	0	77	81
Khulna	Barisal	032	9	8	13	02	96	51	6	037	80	6	7	6		0	77	83
	Khulna	214	3	7	00	00	96	02	6	029	78	7	5	4		0	78	87
	Satkhira	204	2	8	00	00	96	17	6	034	78	8	7	4	[illegible]	x	76	89
	Jessore	094	4	8	16	02	95	60	6	036	78	8	8	5	x	x	71	85
Rajshahi	Pabna	073	8	7	18	05	17	67	6	016	79	4	7	6	7	0	78	82
	Sirajganj	075	7	8	18	05	97	02	4	022	80	8	7	4	0	0	77	81
	Bogra	006	9	8	19	12	96	60	6	018	80	5	7	4	2	x	78	82
	Dinajpur	000	9	7	00	00	96	02	2	004	82	4	5	6	2	x	78	83
	Rangpur	020	6	3	34	02	96	01	6	009	80	7	5	6	0	0	79	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	6	00	00	96	03	5	980	87	1	3	7	7	0	76	88
	Sialkot	032	8	4	00	00	96	02	6	974	86	4	5	6	0	0	74	87
Rawalpindi	Jhelum	003	6	2	14	02	96	02	4	969	88	2	1	7	0	0	73	89
	Rawalpindi	000	0	2	13	03	96	00	0	967	87	2	1	8	0	0	72	89
	Campbellpur	000	0	7	23	02	97	02	0	964	92	0	2	7	0	2	76	xx
Sargodha	Khushab	000	0	6	11	07	98	03	2	963	91	2	1	8	4	0	63	93
	Lyallpur	000	0	6	31	03	96	53	9	981	88	6	3	8	0	0	79	89
Multan	Montgomery	000	0	0	13	02	96	02	1	959	94	0	0	9	0	0	75	95
	Multan	000	0	6	00	00	97	03	1	953	97	2	1	6	0	2	74	98
	Leiah	000	0	0	00	0.	97	02	2	950	94	0	0		9	0	xx	95
Bahawalpur	Khanpur	005	0	2	23	07	96	03	0	952	59	0	0	9	0	4	69	00
	Bahawalpur	000	0	1	23	02	98	00	0	xxx	92	0	0	9	0	0	76	99
	Fort Abbas	000	0	0	20	02	98	00	0	961	98	0	0	9	0	0	72	01
Peshawar	Chakdara	000	0	0	36	02	97	00	0	941	76	0	0	9	0	0	67	68
	Peshawar	000	2	9	xx	xx	97	95	9	960	86	5	9	6	3	0	74	90
	Haripur	000	0	0	13	01	96	00	0	957	88	0	0	9	0	0	71	89
D. I. Khan	Bannu	000	0	8	13	02	99	01	2	946	91	0	0	9	0	0	74	93
	D. I. Khan	000	0	4	00	00	98	00	0	948	94	0	0	9	0	4	79	95
Quetta	Sibi	000	0	0	18	02	97	05	0	965	05	0	0	9	0	0	72	06
Kalat	Nokkundi	000	0	0	34	09	97	02	0	930	03		0	9			30	05
	Turbat	000	0	0	18	05	97	00	0	975	01	0	0	9	0	0	76	04
	Jiwani	000	0	6	18	16	97	13	2	006	85	6	6	4	0	0	73	87
	Pasni	000	6	6	23	13	96	03	1	989	87	6	0	9	4	3	77	90
Karachi Division	Ormara	000	0	4	22	16	94	03	1	001	85	4	1	6	0	0	78	90
	Lasbela	000	0	3	00	08	98	00	0	980	80	3	0	9	3	0	82	01
	Karachi (Manora)	000	0	4	27	14	96	01	1	009	86	4	6	4	0	0	77	88
	Karachi (Airport)	000	0	6	27	09	96	03	2	012	84	6	5	5	0	0	75	88
Hyderabad	Nagarparkar	000	0	8	31	04	97	00	0	004	87	0	6	7	0	0	74	87
	Umerkot	000	0	7	23	06	98	02	0	992	92	7	2	7	0		73	93
	Hyderabad	000	0	0	20	13	97	01	0	995	89	0	0	9	0	0	72	xx
	Badin	000	0	8	23	05	97	01	1	028	86	8		9	0	1	73	94
Khairpur	Padidan	000	0	0	18	09	98	02	0	947	04	0	0	9	0	8	69	05
	Nawabshah	000	0	0	18	10	97	02	0	971	99	0	0	9	0	0	71	08
	Sukkur	000	0	0	20	02	97	02	0	943	04	0	0	9	0		79	01
	Kashmore	000	0	0	00	00	96	00	0	958	xx	0	0	[illegible]	0	0	72	02
	Jacobabad	000	0	0	18	03	96	02	0	940	00	0	0	9	0	0	65	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar *	xxx	x	2	18	02	97	01	1	392	81	1	6	9	6	1	xx	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh *	xxx	x	6	23	10	97	00	1	992	68	3	5	6	4	0	xx	77
	Skardu **																	
	Misgar *																	
	Aliabad *																	
	Gilgit *	000	0	6	00	00	98	01	1	418	64	6	4	8	0	0	60	83
Rawalpindi	Murree *	000	5	5	00	00	98	02	4	407	67	3	1	4	8	0	59	71
Peshawar	Drosh *	010	6	7	23	07	97	03	0	424	[illegible]	7	8	6	1	1	66	88
	Cherat *	000	0	8	18	11	98	03	2	373	73	8	8	4	0	0	70	89
	Kakul *	000	8	3	18	08	97	01	1	415	77	3	2	5	0	0	65	87
	Landikotal *	000	2	6	13	07	97	01	9	390	79	6	3	7	1	1	66	88
	Parachinar *	000	0	7	00	00	98	03	2	411	75	7	6	8	1	0	61	82
D. I. Khan	Miranshah *	000	0	8	05	04	98	03	2	403	83	8	4	8	0	0	75	88
	Wana *	000	0	5	00	00	98	01	1	509	74	0	1	9	0	0	67	xx
Quetta	Fort Sandeman *	000	0	2	25	02	98	01	0	379	95	2	0	9	3	0	44	07
	Hindubagh *	000	0	0	25	16	96	00	0	357	85	0	0	9	0	9	45	07
	Loralai *	000	0	6	29	03	99	00	0	376	93	0	0	9	1	2	47	46
	Harnai *	000	0	3	16	05	97	03	0	384	77	3	8	9	0	0	67	99
	Quetta *	000	0	0	23	03	96	00	0	394	85	0	0	0	0	0	65	07
	Chaman *	000	0	2	23	10	98	00	0	392	92	0	0	0	0	0	35	03
	Nokkundi *	000	0	0	31	13	98	02	0	439	99	0	0	9	0	0	52	00
	Dalbandin *	000	0	0	27	19	95	05	0	428	01	0	0	9	0	0	29	07
Kalat	Kalat *	000	0	0	18	02	97	00	0	407	82	0	0	9	0	0	73	84
	Panjgur *	000	0	0	31	03	97	02	0	424	01	0	0	9	0	0	44	02
Afghanistan	Kabul *																	
	Kandhar *																	

At 0300 Hrs. G.M.T. of date; Departures 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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati																							—
	Cox's Bazar	264	9	8	18	02	97	61	6	073	75	5	5	4	2	x	73	75	×	— 1	—	—	[illegible]	140
	Chittagong	399	8	8	13	05	97	63	6	067	75	8	7	4	x	x	73	73	— 10	— 3	67.1	+ 7.9	[illegible]	100
	Maijdee Court	200	6	8	16	02	96	02	6	049	78	6	5	5	2	2	78	74		— 4	63.0	+ 1.6	[illegible]	115
	Comilla	066	3	8	18	05	97	02	6	971	77	8	4	4	x	x	77	70		— 6	44.0	— 2.7	[illegible]	94
	Brahmanbaria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					78
	Sylhet	213	9	8	13	05	96	20	6	056	77	7	4	4	2	x	77	75	—	—	75.0	—	102.0	—
	Srimangal	000	1	8	16	09	94	16	5	046	80	8	0	3	0	0	76	75		— 1	43.3	+ 1.2	53.7	98
Dacca	Mymensingh	130	0	8	13	02	97	02	1	051	82	8	5	4	x	x	79	76	— 7	— 2	41.7	— 1.9	46.7	91
	Narayanganj	141	9	8	18	02	97	02	2	052	80	8	7	2	x	x	78	75	— 1	— 4	33.1	— 1.7	[illegible]	74
	Dacca (Tejgaon)	086	0	8	23	02	97	02	2	048	81	8	6	4	2	x	77	77	—	—	30.4	—	45.1	—
	Faridpur	053	0	8	29	02	97	02	6	001	79	7	5	6	1	0	79	76	— 6	— 3	25.1	— 8.9	40.0	71
Khulna	Barisal	034	4	8	18	02	96	03	6	056	80	8	7	6	x	x	77	78	— 4	0	35.8	— 6.0	48.7	88
	Khulna	254	9	7	00	00	96	02	6	053	77	7	5	5	0	0	76	74	0	— 4	38.7	— 7.5	36.3	68
	Satkhira	320	0	8	00	00	96	60	6	038	77	4	4	4	4	2	59	73	+ 1	— 5	34.7	+ 1.2	[illegible]	65
	Jessore	051	9	8	27	03	97	03	6	048	78	6	7	5	4	x	75	72	—	—	24.8	— 7.6	[illegible]	65
Rajshahi	Pabna	093	8	6	18	05	98	01	6	051	78	2	5	6	7	0	74	75	—	—	31.6	—	45.1	59
	Sirajganj	083	2	7	00	00	97	02	2	047	77	7	0	9	2	0	75	75	— 6	— 4	29.0	— 2.6	42.1	64
	Bogra	100	9	8	23	02	96	02	6	047	79	7	8	5	5	2	74	75	— 7	— 3	30.7	— 3.6	41.3	69
	Dinajpur	001	9	6	00	00	96	02	0	034	80	6	2	2	x	x	77	75	— 6	— 3	33.5	— 9.1	40.7	72
	Rangpur	032	9	7	18	05	96	01	6	045	79	7	5	6	0	0	76	77	— 8	0	42.1	— 0.5	60.3	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	003	7	5	05	02	96	01	2	010	73	3	5	6	7	0	71	71	— 9	— 7	10.8	— 0.5	16.7	49
	Sialkot	165	4	5	00	00	97	01	6	004	74	3	4	6	x	4	73	69	— 7	— 9	14.5	— 2.9	20.8	33
Rawalpindi	Jhelum	083	3	6	31	03	98	01	9	015	74	1	5	7	7	0	71	71	—	—	15.3	—	19.3	
	Rawalpindi	195	0	2	23	02	99	01	2	025	73	4	1	9	2	0	74	68	— 5	— 7	16.6	— 0.5	29.2	36
	Campbellpur	100	6	6	31	02	98	02	2	079	79	1	0	0	1	7	xx	xx	×	—	8.5	—	8.8	—
Sargodha	Khushab	000	0	6	09	02	97	02	2	022	75	6	0	9	6	0	72	72	— 7	— 9	1.3	— 6.9	6.1	15
	Lyallpur	185	4	6	00	00	96	02	9	005	73	6	7	9	0	0	70	71	— 9	— 8	5.4	— 1.3	9.2	13
Multan	Montgomery	046	0	4	00	00	96	02	3	014	75	4	9	7	0	0	71	71	— 6	— 10	6.9	+ 1.1	9.4	10
	Multan	000	0	8	18	03	97	01	2	043	80	2	4	6	5	0	69	76	0	— 4	0.3	— 3.8	2.0	7
	Leiah	000	0	8	36	02	96	02	2	982	89	0	0	9	9	0	76	73	—	—	1.7	—	3.5	8
Bahawalpur	Khanpur	000	0	1	23	03	96	01	0	006	81	1	0	9	3	0	72	77	— 3	— 4	3.4	— 0.9	4.4	6
	Bahawalpur	000	0	7	18	02	97	02	0	92'	82	7	0	8	2	0	73	xx	— 1	+ 6	1.4	— 2.4	2.1	6
	Fort Abbas	000	0	0	00	00	98	00	0	030	84	0	0	9	0	0	72	81	—	—	0.6	—	0.9	8
Peshawar	Chakdara	100	0	6	36	02	97	00	0	996	73	0	0	9	0	0	65	67	—	—	5.7	—	15.0	—
	Peshawar	003	9	1	00	00	97	01	9	020	77	1	0	9	3	0	71	72	— 8	— 5	1.5	— 2.8	8.1	11
	Haripur	151	9	4	05	01	97	01	6	027	74	4	0	9	3	0	69	66	—	—	—	—	—	—
D. I. Khan	Bannu	124	3	8	09	02	98	13	0	998	75	0	0	6	0	0	72	71	—	—	1.9	—	4.9	11
	D. I. Khan	096	1	7	15	02	98	02	1	020	75	0	0	9	7	0	72	72	— 5	— 9	1.6	— 2.8	4.4	9
Quetta	Sibi	000	0	0	13	2	97	05	0	995	86	0	0	9	0	0	71	84	—	—	2.6	—	3.7	5
Kalat	Nokkundi	00	0	0	34	02	98	02	0	993	87	0	0	9	0	0	30	77	—	—	0	—	0.1	8
	Turbat	00	0	0	27	02	97	00	0	037	87	0	0	9	0	0	74	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	7	16	07	97	02	2	040	81	7	6	4	0	0	71	80	—	—	1.2	—	1.9	8
	Pasni	000	3	8	21	02	96	03	1	988	80	6	2	7	4	0	76	78	+ 1	+ 3	0	— 0.9	0.3	6
Karachi Division	Ormara	000	0	8	23	07	94	03	2	035	83	8	1	6	0	0	74	80	—	—	1.0	+ 0.2	2.0	6
	Lasbela	000	0	3	16	02	97	03	0	955	84	4	0	9	4	0	78	80	—	—	0	—	0	8
	Karachi (Manora)	000	0	7	27	16	96	03	2	037	80	0	0	9	4	0	75	78	+ 4	0	3.7	— 1.6	3.7	8
	Karachi (Airport)	000	0	8	27	07	96	02	2	040	81	8	6	5	x	x	77	78	—	—	4.9	—	4.9	—
Hyderabad	Nagarparkar	000	0	3	13	02	97	00	0	032	80	0	0	9	0	3	73	65	—	—	4.6	—	4.6	—
	Umerkot	000	0	0	20	05	97	02	0	017	80	0	0	9	0	0	73	77	—	—	5.3	—	5.4	—
	Hyderabad	000	0	0	23	06	97	02	0	013	81	0	0	9	0	6	72	79	×	0	4.3	— 0.7	5.1	7
	Badin	00	0	0	23	05	97	00	0	004	82	0	0	9	0	0	73	79	+ 2	—	3.5	— 2.1	4.1	9
Khairpur	Padidan	000	0	0	16	05	98	02	0	908	03	0	0	9	0	0	72	78	—	—	2.2	—	2.8	—
	Nawabshah	000	0	0	08	07	96	01	0	003	83	0	0	9	0	0	71	78	—	—	2.5	—	2.0	—
	Sukkur	000	0	0	13	07	96	02	0	989	82	0	0	9	0	0	73	79	—	—	2.7	—	2.7	4
	Kashmore	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					—
	Jacobabad	000	0	0	13	05	97	02	0	993	82	0	0	9	0	0	79	81	— 2	0	1.0	— 1.1	1.0	4
Junagadh	Veraval																							30
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
HILL STATIONS																								
Kashmir	Srinagar *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	×					26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh *	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—					3
	Skardu **																							6
	Misgar *																							—
	Aliabad *																							—
	Gilgit *	xxx	x	6	00	[illegible]	97	5	4	475	64	0	7	7	x	x	61	62	—	—	—	—	—	8
Rawalpindi	Murree *	075	9	7	07	03	96	03	4	441	59	5	5	0	3	8	56	53	+ 1	— 3	23.3	— 3.8	41.6	58
Peshawar	Drosh *	017	9	1	00	00	99	05	9	439	62	1	1	6	0	0	63	62	— 7	— 6	4.4	—	16.4	18
	Cherat *	025	9	7	36	03	98	03	2	382	69	7	6	6	0	0	67	62	+ 3	— 7	9.0	+ 0.4	33.1	39
	Kakul *	079	8	2	20	02	97	01	9	437	66	2	4	6	0	0	63	63	—	—	23.1	—	38.7	—
	Landikotal *	128	0	1	00	00	96	01	0	423	70	0	0	9	0	9	74	63	—	—	1.9	—	13.6	—
	Parachinar *	000	9	5	00	00	98	01	2	492	63	5	1	9	1	0	59	60	— 7	— 4	8.1	—	21.6	20
D. I. Khan	Miranshah *	024	0	6	00	00	98	03	2	425	76	6	4	8	0	0	65	70	—	—	0.6	— 3.1	2.4	13
	Wana *	000	0	7	00	00	98	91	1	505	74	7	0	9	0	8	63	69	—	—	—	—	—	11
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	437	78	0	0	9	0	0	58	75	0	+ 2	4.7	+ 0.5	9.4	11
	Hindubagh *	000	0	0	35	14	96	00	0	398	78	0	0	9	0	0	44	65	—	—	0.8	—	4.4	—
	Loralai *	000	0	0	27	02	99	01	0	428	75	0	0	9	0	0	63	66	—	—	1.1	—	4.6	9
	Harnai *	000	0	0	13	05	97	00	0	411	84	0	0	9	0	0	69	79	—	—	3.9	— 1.8	7.1	14
	Quetta *	000	0	0	00	00	96	00	0	431	73	0	0	9	0	0	47	68	—	—	0.1	— 0.9	4.3	9
	Chaman *	000	0	0	09	05	98	00	0	411	78	0	0	9	0	0	33	70	— 5	0	0	— 0.1	8.3	8
	Nokkundi *	000	0	0	09	02	98	02	0	467	86	0	0	9	0	0	48	79	—	—	0	—	8.4	—
	Dalbandin *	000	0	0	16	03	96	02	0	430	77	0	0	9	0	0	25	69	— 2	0	0	— 0.2	7.1	4
Kalat	Kalat *	000	0	0	18	02	96	00	0	452	63	0	0	9	0	0	51	54	— 5	— 2	0.2	— 0.9	2.1	7
	Panjgur *	000	0	0	31	04	97	02	0	540	74	0	0	9	0	0	68	73	+ 2	+ 3	0.3	—	1.3	6
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 21st AUGUST, 1962

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GE	N 00 W	VV ... W	PPP TT	$N_hC_hC_mC_H$	$D_dV_sf_wPP$	$f_NC_LL_m$	$OT_wT_aT_a$	$Id_dP_sH_s$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Karsam	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Muzaffari	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Baddalogo	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Vellaha	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wandolfogo	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kanoon	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Sarbiik	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cabaic Naphia	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTTdTdTd	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTTTTdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Karachi	00 00	000 202 232	022 202 232	—	140 172 452	—	316 158 999	438 642 999	585 530 999	758 632 999	972 778	258 975	437 115	492 080
Lahore	00 00	978 245 222	—	—	141 188 168	...	307 112 999	434 028 999	519 542 999	751 645 999	964 762	—	—	—
Peshawar	00 00	959 222 272	—	...	140 212 219	...	310 132 130	438 075 999	587 002 999	769 560 999	945 635	—	—	—
Quetta	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—	—

STATION	Time of ascent in G.M.T	At Significant Levels: PPPTTTTdTdTd								Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st.HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Karachi	00 00	033 258 286	900 195 162	800 118 088	590 000 530	350 712 768	—	—	—	—	350 712 768	—	—
Lahore	00 00	900 202 185	800 235 518	...	—	—	—	—	—	—	800 235 518	—	—
Peshawar	00 00	990 198 188	800 165 152	...	—	—	—	—	—	—	800 165 152	—	—
Quetta	00 00	900 222 222	800 188 188	—	—	—	—	—	—	—	800 188 188	—	—
		MISDA	—	—	—	—	—	—	—	—	—	—	—

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

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

UPPER WIND DATA*

Height in kms. a.m.s. →	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
Karachi	16 19		—	03 05	23 03	22 05	19 08	—	—	No	—	—	Ascent	—	—
Chittagong	—	14 03	16 05	—	—	—	—	—	—	23 23	24 28	24 24	23 10	—	—
Dacca	22 21	22 27	22 27	24 14	32 07	—	—	—	—	No	Ascent	—	—	—	—
Chittagong	No	Ascent		—	—	—	—	—	—	No	Ascent	—	—	—	—
Cox's Bazar	24 12	24 17	23 17	—	—	—	—	—	—	23 13	23 17	24 07	24 13	24 07	23 10
Dacca	19 18	—	—	—	—	—	—	—	—	—	—	26 04	29 05	31 16	29 21
Comilla	—	—	27 15	27 40	27 04	28 43	28 47	29 43	29 52	—	—	—	—	—	—
D.I.Khan	—	—	—	—	—	—	—	—	—	—	—	—	22 03	20 14	20 14
Drosh	—	—	—	—	22 06	21 08	—	—	—	—	—	—	24 45	23 43	26 29
Fort Sandeman	—	—	—	21 08	23 09	23 09	—	—	—	13 13	19 11	26 23	28 11	27 22	28 17
Jacobabad	—	—	—	—	—	—	—	—	—	No	Ascent	—	—	—	—
Jiwani	No	Ascent		—	—	—	—	—	—	06 15	06 12	06 13	20 10	—	—
Kalam	17 01	15 09	16 05	20 06	25 11	27 18	27 08	29 09	29 19	13 06	17 08	—	—	—	—
Kohat	18 14	17 14	18 09	—	—	—	—	—	—	—	—	—	—	—	—
Karachi	25 21	25 18	28 14	—	—	—	—	—	—	31 17	30 25	31 27	29 30	—	—
Khanpur	21 08	20 07	19 07	19 12	22 09	26 18	28 26	28 28	—	03 10	02 07	17 16	27 05	20 07	—
Lahore	12 04	13 03	14 03	23 09	21 09	23 08	28 08	25 08	—	08 11	11 25	11 25	—	—	—
Multan	28 14	30 13	28 12	21 09	21 07	23 08	—	—	—	—	—	—	—	—	—
Murree	—	—	—	21 03	29 01	29 13	29 15	27 16	28 11	—	—	—	25 08	29 04	26 09
Peshawar	—	26 04	26 02	19 12	30 14	—	—	—	—	—	—	—	—	—	—
Quetta	—	—	—	—	28 04	27 09	25 09	28 12	27 17	—	—	—	—	28 02	25 03
Sukkur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sylhet	No	Ascent	—	—	—	—	—	—	—	—	—	No	Ascent	—	—
Varsuai	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Height in kms. a.m.s. →	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	7.5	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
Karachi	26 09	27 03									
Chittagong	—	26 05	17 01	13 09	14 06	25 09	—	—	—	—	—
Dacca	16 09	21 11	21 11	24 19	—	—	—	—	—	—	—
Chittagong	10 23	18 26	19 23	—	—	—	—	—	—	—	—
Cox's Bazar	27 07	27 08	28 16	28 19	37 21	37 27	—	—	—	—	—
Dacca	—	—	24 04	28 09	27 16	30 21	30 21	28 17	27 16	30 11	29 13
Comilla	—	—	—	—	—	—	—	—	—	—	—
D.I.Khan	—	—	—	—	24 07	20 04	16 08	30 12	21 12	15 05	—
Drosh	—	—	—	20 05	22 07	29 03	26 04	—	—	—	—
Fort Sandeman	08 04	09 08	36 13	32 13	30 13	27 10	28 08	30 14	25 28	—	—
Jacobabad	25 08	36 14	29 14	36 18	27 15	31 16	31 17	31 16	—	—	—
Jiwani	07 01	10 03	10 05	10 09	06 04	31 13	31 13	39 03	23 15	—	—
Kalam	16 08	17 08	—	—	—	—	—	—	—	—	—
Kohat	24 13	27 21	—	—	—	—	—	—	—	—	—
Karachi	07 01	13 03	10 06	08 10	—	—	—	—	—	—	—
Khanpur	07 03	18 02	22 03	34 09	24 18	28 12	30 19	31 24	25 25	—	—
Lahore	32 02	18 04	13 04	13 03	—	—	—	—	—	—	—
Multan	—	—	—	—	—	—	—	—	—	—	—
Murree	—	—	—	22 06	33 04	30 07	23 18	29 06	18 16	30 17	—
Peshawar	—	12 04	05 05	06 04	06 06	10 07	09 16	30 20	27 24	30 27	—
Quetta	—	—	—	—	26 08	28 11	29 13	32 05	32 09	32 09	—
Sukkur	—	—	—	—	—	—	—	—	—	—	—
Sylhet	17 05	19 03	19 07	—	—	—	—	—	—	—	—
Varsuai	—	—	—	—	—	—	—	—	—	—	—

* 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 a. s. Kms. a.m.s. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.0	6.0	7.5	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	22 16	24 17	24 16	24 13	23 10	23 08	28 10	23 05	06 03	06 00	09 17	—	—	—	—	—	—	—
Karachi	28 31	26 27	28 23	23 35	28 35	35 05	34 09	28 19	37 33	26 17	29 16	36 11	23 14	28 07	05 16	16 16	—	—
Peshawar	—	32 08	35 03	34 02	28 04	28 07	28 09	27 15	36 19	28 28	29 23	34 24	27 30	—	—	—	—	—
Quetta	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

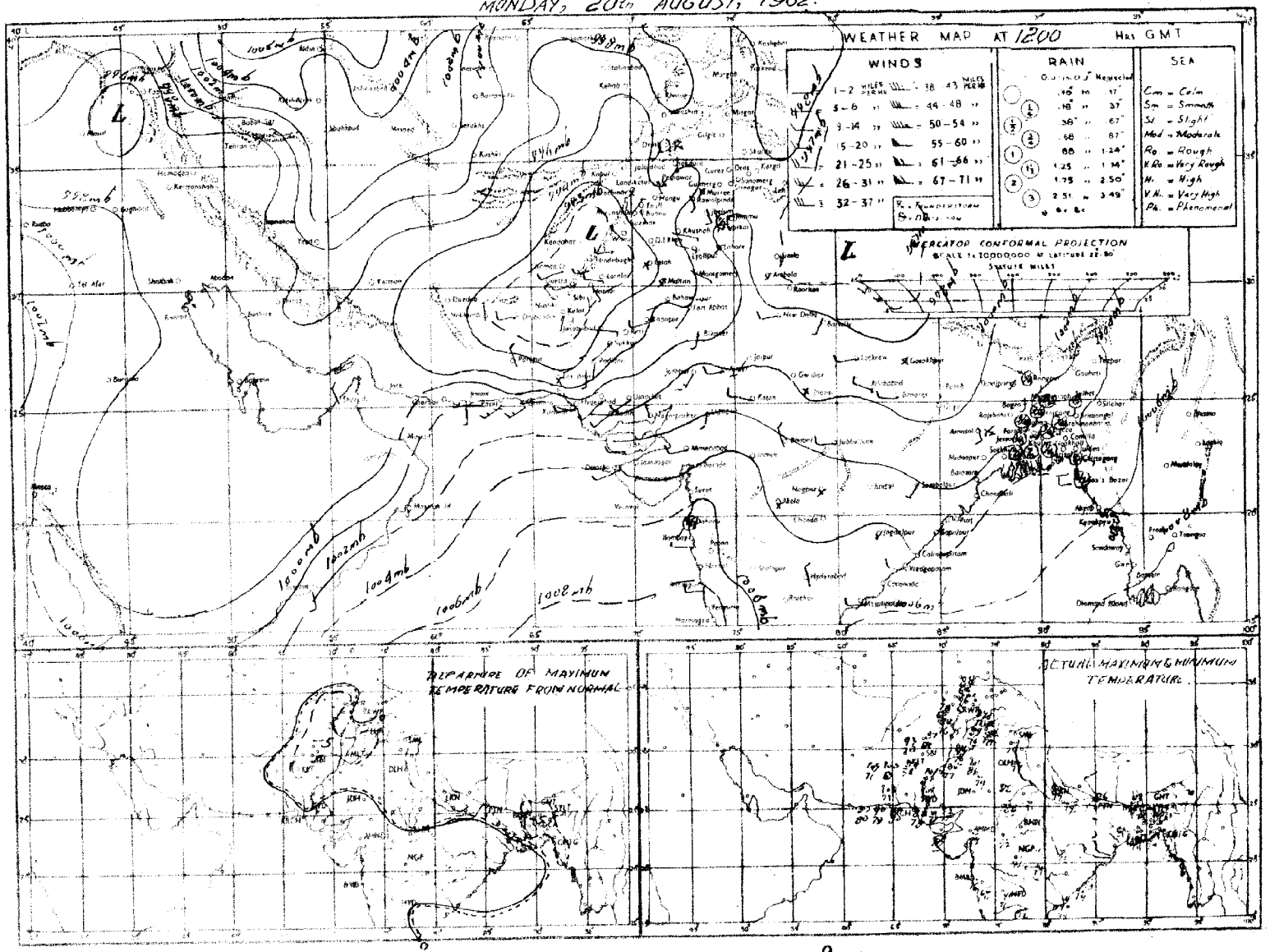
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The other two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

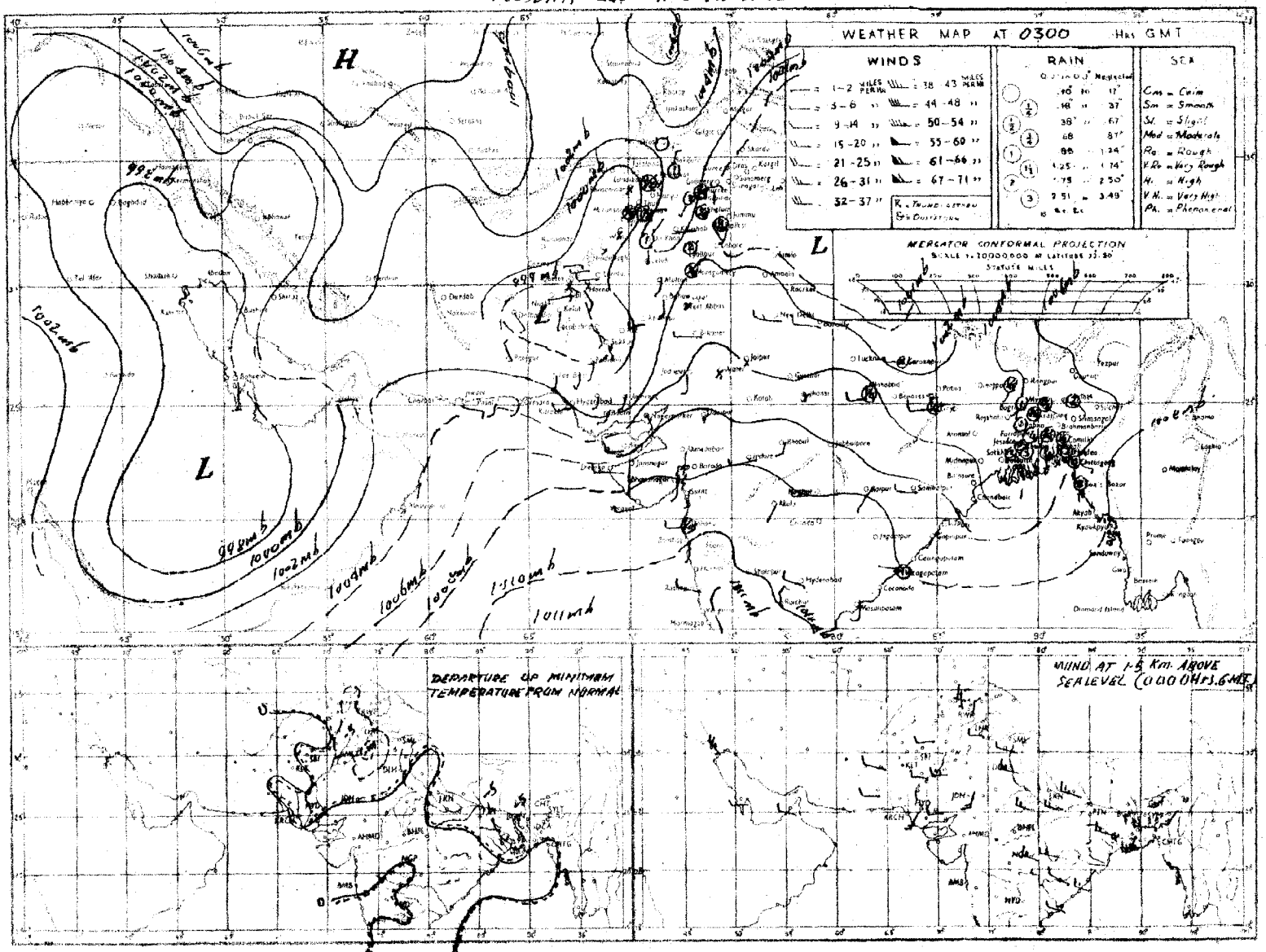
MONDAY, 20th AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY, 21st AUGUST, 1962.



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

Monthly Subscription

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

WEDNESDAY THE 22nd AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's westerly low pressure wave over Rawalpindi division and Kashmir has moved away eastwards.

The westerly low pressure wave over Afghanistan and adjoining areas is today moving away across north of Peshawar division.

Under their influence a few falls of light rain have occured in Rawalpindi division and few dust or thunderstorms in Sargodha and Quetta divisions.

Axis of monsoon trough runs along the foot of the Himalayas to northeast Bay of Bengal.

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

Chief amounts of rainfall are :—Dinajpur 2"; Maijdee Court 1¼"; Sylhet, Satkhira and Jessore 3/4" each; Cox's Bazar, Comilla, Mymensingh, Khulna, Pabna and Rangpur 1/2" each; Srimangal 1/2" (upto 0000 GMT) and Rangamati, Brahmanbaria and Bogra 1/4" each.

Day temperatures were 10—12 °F (4—7 °C) below normal in Sargodha division and adjoining parts of D. I. Khan and Multan divisions and 4—8 °F (2—4 °C) so elsewhere over the country outside Bahawalpur, Kalat, Karachi and Hyderabad divisions and northern districts of Dacca and Chittagong divisions.

Forecast valid until the evening of 23rd August, 1962 :—Local rain/thundershowers will occur in East Pakistan. Weather is likely to remain dry over West Pakistan.

Karachi-11
The 22nd August, 1962.

M. AZHAR ADIL
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	Rangamati	032	5	7	18	05	95	85	6	042	79	3	7	5	2	x	76	87
	Cox's Bazar	015	0	8	20	09	97	51	6	030	78	5	3	4	2	x	77	83
	Chittagong	017	3	5	18	07	97	03	6	026	79	4	3	6	1	0	75	83
	Maijdee Court	130	8	8	16	05	96	61	6	016	80	3	1	5	2	x	76	80
	Comilla	000	0	0	00	00	96	02	3	000	79	8	4	4	x	x	78	85
	Brahmanbaria	000	8	7	18	07	97	03	1	019	81	7	4	8	0	0	78	83
	Sylhet	015	8	6	00	00	96	02	6	010	80	7	8	5	0	0	77	82
	Srimangal	050	1	8	00	00	94	29	4	019	81	8	0	3	0	c	77	88
Dacca	Mymensingh	025	6	4	00	00	97	02	4	012	81	0	0	9	0	4	77	88
	Narayanganj	000	8	8	18	02	96	02	2	018	81	8	4	2	x	x	76	85
	Dacca (Tejgaon)	000	3	8	18	02	97	03	6	011	81	5	5	4	2	x	77	85
	Faridpur	000	0	2	20	05	96	02	0	049	xx	5	4	6	1	0	77	86
Khulna	Barisal	011	4	8	13	02	96	02	2	017	80	6	7	6	4	0	77	81
	Khulna	000	0	7	00	00	97	03	2	026	80	7	5	5	0	0	78	81
	Satkhira	000	0	7	00	00	96	03	3	031	82	1	4	4	2	0	78	84
	Jessore	000	0	6	18	03	96	03	2	014	85	4	4	5	6	0	81	86
Rajshahi	Pabna	043	4	8	00	00	96	51	9	808	77	8	7	6	x	x	76	87
	Sirajganj	000	8	7	00	00	98	02	2	r04	81	7	0	9	0	4	78	83
	Bogra	016	4	7	00	00	96	02	6	[illegible]	80	5	5	5	2	0	77	85
	Dinajpur	£60	9	7	00	00	96	02	6	995	83	7	2	7	x	x	77	82
	Rangpur	025	5	1	30	02	96	10	6	999	82	3	2	6	1	0	75	84
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	8	3	27	03	96	01	1	003	88	3	2	6	0	0	71	89
	Sialkot	000	0	2	00	00	96	02	0	999	88	2	2	6	x	x	75	89
Rawalpindi	Jhelum	000	7	1	00	00	98	01	1	001	89	1	1	7	0	0	71	93
	Rawalpindi	000	8	2	13	02	98	00	0	000	87	2	2	7	0	0	73	88
	Campbellpur	000	0	2	13	02	98	00	2	959	87	0	0	8	1	0	71	87
Sargodha	Khushab	000	0	0	00	00	98	00	0	012	87	0	0	9	0	0	77	88
	Lyallpur	000	0	5	00	00	96	02	3	024	86	5	0	9	4	0	77	86
Multan	Montgomery	000	0	4	00	00	96	02	1	004	87	4	4	8	0	0	77	90
	Multan	000	0	8	18	02	97	01	2	995	94	3	4	6	5	0	74	94
	Leiah	000	0	6	36	02	96	02	2	973	94	0	0	9	9	0	77	95
Bahawalpur	Khanpur	000	0	0	00	00	96	03	0	981	99	0	0	9	0	0	77	00
	Bahawalpur	000	0	1	23	02	98	00	0	xxx	93	1	0	9	0	0	74	00
	Fort Abbas	000	0	0	18	02	98	00	0	987	98	0	0	9	0	0	77	00
Peshawar	Chakdara	000	0	0	18	01	97	00	0	968	86	0	0	9	0	0	63	88
	Peshawar	000	0	3	05	03	98	03	0	000	89	2	3	6	3	2	79	89
	Haripur	000	0	0	13	01	97	00	0	997	86	0	0	9	0	0	73	87
D. I. Khan	Bannu	000	5	2	09	01	99	01	1	997	86	0	0	9	0	2	69	88
	D. I. Khan	000	5	7	30	00	98	03	1	005	88	0	0	9	7	0	67	88
Quetta	Sibi	000	0	0	18	02	97	05	9	976	05	0	0	9	0	0	70	07
Kalat	Nokkundi	000	0	0	36	05	97	02	1	940	05	^	0	9	0	0	39	07
	Turbat	000	0	0	18	05	97	00	0	975	01	0	0	9	0	0	74	03
	[illegible]	000	3	7	18	12	97	12	1	025	83	5	0	4	4	0	71	86
	Pasni	000	0	7	25	[illegible]	96	02	1	011	86	0	0	9	4	3	77	90
Karachi Division	Ormara	000	0	3	32	12	94	03	2	021	87	5	1	9	0	0	77	93
	Lasbela	0?0	0	4	00	0?	98	04	0	870	97	4	0	6	0	0	83	03
	Karachi (Manora)	000	0	3	27	16	96	01	1	029	85	0	0	9	0	0	76	88
	Karachi (Airport)	000	0	3	25	14	96	01	2	029	85	3	5	6	0	0	75	87
Hyderabad	Nagarparkar	000	0	2	27	01	97	00	0	004	90	0	2	7	0	0	61	91
	Umarkot	000	0	3	20	05	98	02	0	006	92	3	2	7	0	0	70	94
	Hyderabad	000	0	0	23	12	97	02	0	007	90	0	0	9	0	0	72	94
	Badin	000	0	0	23	05	97	00	0	036	90	0	0	9	0	0	76	95
Khairpur	Padidan	000	0	0	18	10	98	03	0	968	05	0	0	9	0	0	66	06
	Nawabshah	000	0	0	18	10	97	02	0	985	01	0	0	9	0	0	68	05
	Sukkur	000	0	0	20	02	97	02	0	964	03	0	0	9	0	0	71	03
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...		...	...		...
	Jacobabad	000	0	0	18	09	97	02	0	966	98	0	0	9	0	0	79	99
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar	xxx	x	5	09	03	97	01	2	437	70	3	0	4	3	0	58	—
	Gulmarg																	
	Sonamarg																	
	Dras																	
	Leh	xxx	x	6	23	04	96	01	2	084	80	6	4	4	0	0	72	—
	Skardu																	
	Misgar	000	0	6	05	03	99	01	2	055	58	3	1	0	6	0	44	62
	Aliabad																	
	Gilgit	006	3	2	30	00	98	01	1	478	72	2	5	8	0	0	64	74
Rawalpindi	Murree	004	6	6	00	00	97	02	6	442	60	3	1	4	5	0	59	69
Peshawar	Drosh	000	0	3	20	09	98	01	0	409	85	3	2	7	0	0	55	88
	Cherat	000	0	1	18	05	98	03	0	392	76	3	3	6	0	0	66	90
	Kakul	000	0	2	18	03	99	02	1	xxx	75	4	2	6	0	0	66	xx
	Landikotal	000	0	3	13	05	98	03	0	425	80	3	0	9	7	0	67	82
	Parachinar	000	0	6	13	02	98	03	2	444	72	6	6	8	[illegible]	0	67	72
D.I. Khan	Miranshah	000	0	4	05	05	98	03	2	431	82	4	4	8	0	0	64	85
	Wana	000	0	4	09	03	99	01	1	505	82	4	1	9	0	0	61	85
Quetta	Fort Sandeman	000	0	4	07	04	98	03	4	415	90	4	0	8	3	0	57	87
	Hindubagh	000	0	0	25	14	96	00	0	390	86	0	0	9	0	0	40	89
	Loralai	000	0	5	30	03	99	00	1	403	00	0	0	9	1	0	46	94
	Harnai	000	0	4	16	05	97	03	0	403	92	4	0	7	1	2	46	94
	Quetta	000	5	0	22	02	97	00	0	418	90	0	0	5	0	0	60	96
	Chaman	000	0	0	22	05	98	00	0	391	90	0	0	9	0	0	60	92
	Nushki	000	0	2	31	09	90	02	0	446	98	2	0	9	2	0	29	91
	Dalbandin	000	5	2	27	09	95	05	0	420	03	1	1	6	3	0	23	04
Kalat	Kalat	000	3	8	30	03	96	03	2	432	83	6	4	8	3	2	77	83
	Panjgur	000	0	4	23	11	98	03	0	437	99	4	1	9	0	0	56	99
Afghanistan	Kabul																	
	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 † 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 1962 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1962 to date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	022	0	6	18	02	98	05	1	065	85	3	4	6	0	4	78	75	—	—	—	—	—	—
	Cox's Bazar	044	9	7	20	05	97	02	6	055	81	5	3	5	7	0	77	76	— 2	0				142
	Chittagong	017	0	7	13	09	97	03	2	051	80	6	5	6	1	0	76	75	— 5	— 1	67.3	+ 7.5	80.8	100
	Maijdee Court	135	9	8	00	00	96	02	6	996	79	5	5	5	2	x	73	76	— 5	— 2	45.3	+16.9	57.5	135
	Comilla	056	5	8	18	05	96	02	6	027	79	8	4	4	x	x	76	xx	— 2	×	44.6	— 2.6	66.8	94
	Brahmanbaria	020	0	6	13	02	97	03	1	031	80	6	4	4	0	0	76	76	—	—	—	—	—	78
	Sylhet	071	9	7	00	00	96	02	6	052	81	6	5	3	7	0	76	77	—	—	76.6	—	102.7	—
	Srimangal	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...	— 2					90
Dacca	Mymensingh	065	9	8	00	00	97	06	1	xxx	81	8	1	4	x	x	77	78	+ 1	0	42.4	— 1.8	[illegible]	91
	Narayanganj	070	9	8	00	00	97	02	2	050	79	8	7	2	x	x	76	77	— 3	— 2	33.1	— 1.6	[illegible]	74
	Dacca (Tejgaon)	000	0	7	00	00	97	01	6	044	81	6	5	4	0	1	76	77	—	—	30.4	—	[illegible]	—
	Faridpur	000	0	8	20	02	97	02	2	045	82	6	5	6	1	0	78	76	— 1	— 3	25.1	— 9.4	40.8	71
Khulna	Barisal	012	4	8	18	02	96	02	5	052	80	6	7	6	4	0	77	76	— 6	— 2	35.8	— 6.5	40.8	81
	Khulna	040	9	7	00	00	97	03	6	050	81	7	5	5	0	0	77	75	— 7	— 3	29.1	— 7.6	36.7	80
	Satkhira	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 4					65
	Jessore	069	9	7	23	07	96	03	6	044	81	5	7	5	6	0	80	73	—	—	25.5	— 7.2	35.1	65
Rajshahi	Pabna	058	9	7	13	05	97	01	6	041	80	7	3	9	5	0	78	75	—	—	32.2	—	45.7	89
	Sirajganj	000	0	8	00	00	97	01	2	044	80	8	4	5	0	0	77	76	— 4	— 3	29.0	— 3.0	42.1	64
	Bogra	032	9	8	00	00	96	21	6	042	80	2	5	5	2	0	77	77	— 3	— 1	30.9	— 3.7	41.6	60
	Dinajpur	180	0	7	00	00	96	02	2	032	83	7	2	7	2	x	77	74	— 7	— 4	35.3	— 2.3	42.5	72
	Rangpur	045	7	7	18	05	96	01	5	045	79	7	5	6	0	0	76	76	— 5	— 1	41.5	— 0.6	60.7	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	13	02	96	02	0	024	81	0	0	9	0	0	76	73	— 8	— 5	10.3	— 0.7	86.7	49
	Sialkot	000	0	0	00	00	99	02	0	998	83	0	0	9	0	0	74	72	— 5	— 6	14.5	— 3.1	70.8	33
Rawalpindi	Jhelum	000	0	0	27	02	98	02	0	009	91	0	0	9	0	0	74	76	—	—	13.2	—	50.3	
	Rawalpindi	000	0	0	18	03	98	00	0	012	80	0	0	9	0	0	72	72	— 5	— 3	16.6	— 0.8	30.8	36
	Campbellpur	000	0	0	23	02	98	03	0	976	78	0	0	9	0	0	75	78	—	—	8.6	—	0.8	—
Sargodha	Khushab	000	0	0	00	00	98	00	0	019	82	0	0	9	0	0	79	76	— 11	— 5	1.1	— 7.0	6.1	15
	Lyallpur	000	0	5	00	00	96	03	2	023	81	5	0	9	4	0	79	71	— 11	— 8	5.4	— 1.4	9.2	40
Multan	Montgomery	000	0	3	13	02	96	03	2	021	82	3	4	8	0	0	76	75	— 10	— 6	6.9	+ 1.1	9.4	10
	Multan	000	0	6	00	00	97	01	2	014	83	3	5	6	3	0	74	83	— 4	— 2	0.3	— 3.0	2.0	7
	Leiah	000	0	8	36	02	96	03	2	976	84	0	4	8	9	0	73	72	—	—	1.7	—	3.5	8
Bahawalpur	Khanpur	000	0	1	23	03	96	01	0	023	77	1	0	9	3	0	72	78	— 3	— 3	3.4	— 0.9	4.4	6
	Bahawalpur	000	0	5	20	03	97	00	0	927	83	5	0	9	1	0	64	78	0	— 2	1.4	— 2.5	2.1	6
	Fort Abbas	000	0	0	20	02	98	00	0	021	84	0	0	9	0	0	70	82	—	—	0.6	—	0.9	8
Peshawar	Chakdara	000	0	0	36	02	97	00	0	998	77	0	0	9	0	0	69	70	—	—	5.7	—	14.9	—
	Peshawar	000	0	0	00	01	98	02	0	010	83	0	0	9	0	0	73	77	— 8	0	1.5	— 1.8	8.1	18
	Haripur	000	0	0	05	01	97	00	0	010	79	0	0	9	0	0	70	73	—	—	—	—	—	—
D. I. Khan	Bannu	000	0	0	01	00	99	00	0	005	81	0	0	9	0	0	72	75	—	—	1.9	—	4.9	18
	D. I. Khan	000	0	0	00	00	98	00	0	013	81	0	0	9	0	0	74	74	— 12	— 7	1.6	— 2.8	4.4	9
Quetta	Sibi	000	0	0	23	02	97	05	0	016	89	0	0	9	0	0	71	65			2.6	—	3.7	5
Kalat	Nokkundi	000	0	0	00	00	97	00	0	987	74	0	0	9	0	0	31	81	—	—	0	—	8.1	3
	Turbat	000	0	0	27	02	97	00	0	056	84	0	0	9	0	0	74	xx	—	—	1.8		4.4	—
	[illegible]	000	0	0	19	09	97	03	2	065	82	7	6	4	0	0	73	79	—	—	1.2		1.9	5
	Pasni	000	3	2	20	05	96	05	1	009	83	0	0	9	0	2	73	78	+ 1	+ 3	0	— 0.9	0.3	6
Karachi Division	Ormara	000	0	8	27	05	94	03	2	057	81	8	3	6	0	0	77	80		—	1.0	+ 0.2	2.0	6
	Lasbela	...		...					...		...						...							8
	Karachi (Manora)	000	0	7	27	12	96	03	2	040	81	0	0	9	3	0	74	79	+ 3	+ 1	3.7	— 1.6	3.7	8
	Karachi (Airport)	000	0	5	27	12	96	03	1	056	81	3	5	5	3	0	76	79	—	—	4.9	—	4.9	—
Hyderabad	Nagarparkar	000	0	2	13	01	97	03	0	052	84	0	2	7	0	0	74	65	—	—	4.6	—	4.6	—
	Umarkot	000	0	4	20	03	97	02	0	039	81	4	2	7	0	0	73	77	—	—	5.3	—	5.4	—
	Hyderabad	000	0	0	23	10	97	02	0	033	82	0	0	9	0	0	71	79	— 1	0	4.3	— 0.8	5.1	7
	Badin	000	0	0	25	05	97	00	0	066	82	0	0	9	0	0	73	77	—	—	3.5	— 2.1	4.1	9
Khairpur	Padidan	000	0	0	13	03	98	03	0	013	84	0	0	9	0	0	76	78	—	—	2.2	—	2.8	—
	Nawabshah	000	0	0	18	05	96	01	1	013	83	0	0	9	0	0	71	79	—	—	2.5	—	2.9	—
	Sukkur	000	6	0	13	02	96	02	5	012	83	0	0	9	0	0	73	80	—	—	2.7	—	2.7	4
	Kashmore	000	0	0	00	00	97	30	6	963	85	0	0	9	0	0	68	79	—	—	—	—	—	—
	Jacobabad	000	0	2	13	05	97	02	0	019	84	7	0	9	2	5	78	82	— 4	+ 1	4.0	— 1.1	4.0	4
Junagadh	Veraval																							30
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							8
	HILL STATIONS																							
Kashmir	Srinagar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					26
	Gulmarg																							—
	Sonamarg																							71
	Dras																							26
	Leh	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					9
	Skardu																							6
	Misgar	000	0	1	00	00	98	01	0	104	51	1	1	8	0	0	40	44	—	—				—
	Aliabad																							—
	Gilgit	000	0	0	00	00	99	00	0	480	60	0	0	9	0	0	51	59	—	—				8
Rawalpindi	Murree	004	0	0	00	03	98	00	1	447	62	0	0	9	0	0	53	56	— 1	0	23.3	— 4.1	41.6	90
Peshawar	Drosh	000	0	0	00	00	99	02	0	456	73	0	0	9	0	0	57	64	— 6	— 7	4.4	—	16.4	18
	Cherat	000	0	0	34	09	98	02	0	391	70	0	0	9	0	0	65	62	+ 4	— 7	9.0	+ 0.3	33.1	29
	Kakul	000	0	0	27	02	99	00	0	415	70	0	0	9	0	0	52	64	—	—	23.1	—	30.7	—
	Landikotal	...	...	...		...	...		...		...	...			...		...	...	—			—		—
	Parachinar	000	0	2	00	00	99	00	0	459	xx	0	0	9	1	0	59	59	— 8	— 5	8.1	—	21.6	29
D.I. Khan	Miranshah	000	0	0	00	00	99	00	0	435	77	0	0	9	0	0	53	71	—	—	0.6	— 3.1	3.4	83
	Wana	000	0	0	00	00	98	00	0	513	72	0	0	9	0	0	59	64	—	—	—	—	—	81
Quetta	Fort Sandeman	000	0	0	00	00	99	01	0	459	76	0	0	9	0	0	61	69	0	— 4	4.7	+ 0.4	9.4	41
	Hindubagh	000	9	0	00	00	97	00	0	430	75	0	0	9	0	0	50	61	—	—	0.8	—	4.4	—
	Loralai	000	0	0	34	03	99	00	0	430	76	0	0	9	0	0	60	67	—	—	1.1	—	4.6	9
	Harnai	000	0	0	00	00	97	00	0	434	82	0	0	9	0	0	67	78	—	—	3.9	— 1.9	7.1	14
	Quetta	000	0	0	00	00	96	00	0	446	74	0	0	9	0	0	65	65	—	—	0.1	— 0.9	4.3	9
	Chaman	000	0	0	23	05	98	00	0	433	77	0	0	9	0	0	27	69	— 6	— 1	0	— 0.1	1.3	8
	Nushki	000	0	0	09	05	98	00	0	467	85	0	0	9	0	0	56	79	—	—	0	—	1.6	—
	Dalbandin	000	9	2	02	02	96	01	0	445	80	2	0	9	3	0	32	74	— 1	+ 5	0	— 0.2	7.1	4
Kalat	Kalat	000	0	0	18	02	96	00	0	447	65	0	0	9	0	0	62	61	— 5	+ 5	0.2	— 0.9	2.1	7
	Panjgur	000	0	6	23	03	96	01	1	455	73	6	5	6	0	0	67	73	+ 7	+ 3	0.3	—	1.3	8
Afghanistan	Kabul																							
	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 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 AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_s app	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$I_dd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Mustali	33 232	674 06	6 27 24	99 0 02	037 92	[illegible] 00	[illegible]	—	—	—
Isanda	33 264	629 06	0 10 16	98 0 20	003 74	00 9 00	34 1 15	—	05 1 81	10 8 22
Strelia	33 211	627 06	[illegible] 26 15	[illegible]	088 79	[illegible]	[illegible] 105	—	[illegible]	12 4 32
Sirdhana	33 231	678 06	7 24 13	98 0 22	069 83	25 5 xx	35 2 20	—	[illegible] 1 74	12 4 44
Caltex Naples	33 196	586 06	7 19 22	97 0 22	062 76	75 3 xx	—	—	[illegible]	11 9 22
Alfred Fraissinet	33 047	579 06	2 09 30	98 0 10	048 76	22 4 [illegible]	32 2 [illegible]	—	05 4 xx	10 9 21
Mustali	33 240	657 12	6 27 24	99 0 02	027 82	57 8 00	73 x xx	—	—	—
Caltex Naples	33 189	[illegible] 12	1 18 15	89 0 31	038 76	00[illegible]	—	—	[illegible]	11 8 22
Caltex Leiden	33 242	669 12	5 23 13	97 0 20	031 82	58 4 00	—	—	00 0 74	12 3 22
[illegible]	33 [illegible]	[illegible] 12	2 21 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	12 1 32
British Industry	33 156	534 12	1 18 10	98 0 10	05x 76	15 x xx	—	—	—	—
Vishvajyo	33 211	604 12	8 23 18	97 0 22	060 81		—	—	—	—
Isanda	33 263	550 12	0 07 03	98 0 20	980 93	00 9 00	24 7 08	—	00 0 76	10 2 20
Sarenia	33 220	613 12	8 24 13	98 0 00	[illegible]	87 5 xx	76 8 10	—	00 1 87	[illegible]
[illegible]	33 242	584 12	2 09 15	98 0 10	010 86	20 6 40	33 7 20	—	[illegible] 180	[illegible]
Mozaffari	33 181	616 18	6 23 22	99 0 12	083 79	64 6 00	63 2 05	—	05 1 75	[illegible] 46
Caltex Naples	33 182	575 18	8 18 24	97 0 21	850 73	65 3 xx	—	—	00 5 72	11 8 22
Alfred Fraissinet	33 237	580 18	0 03 05	98 0 20	035 81	00 9 00	33 5 20	—	05 5 82	[illegible]
Jalajawahar	33 154	618 18	7 23 18	97 0 30	093 81	74 9 00	25 2 10	—	00 3 xx	12 3 36
Isanda	33 284	563 18	0 02 10	99 0 20	005 90	00 9 00	24 3 12	[illegible]	00 3 81	10 8 21
Caltex Leiden	33 229	675 18	8 23 16	97 0 31	065 81	9x xx xx	—	—	05 2 77	12 3 22

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPPTTT$_d$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$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	—													
Chittagong	—													
Dacca	00 00	019 242 212	—	—	141 158 155	—	304 072 058	430 025 003	577 540 580	749 [illegible] 782	961 738	—	—	—
Jiwani	—													
Karachi	00 00	001 269 232	032 265 232	—	147 162 045	—	309 140 990	437 015 995	581 580 632	752 [illegible] 995	964 785	242 000	[illegible]	672 135
Lahore	00 00	977 295 222	006 xxxxxx	—	140 250 140	—	314 162 062	449 082 998	591 008 995	766 [illegible] 995	959 775	—	—	—
Multan	—													
Peshawar	00 00	960 252 022	—	—	140 232 154	—	309 162 025	438 055 992	583 562 995	755 642 992	—	—	—	—
Quetta	—													

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTT$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$	TROPOPAUSE st.HHHHTT	st.HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	—												
Chittagong	—												
Dacca	00 00	031 262 248	980 178 178	880 128 025	594 009 xxx	—	—	—	—	—	554 002 xxx	—	—
Jiwani	—												
Karachi	00 00	900 192 162	800 232 065	—	—	—	—	—	—	—	880 232 065	—	—
Lahore	03 03	900 272 195	800 235 115	—	—	—	—	—	—	—	880 235 145	—	—
Multan	—												
Peshawar	00 00	900 262 182	893 262 182	800 213 132	—	—	—	—	—	—	800 213 132	—	—
Quetta	—												

PPP—Pressure in hundreds, tens and units of millibars.
TTT, T$_d$T$_d$T$_d$—Dry Bulb; Dew Point temperatures in tenths of °C.
St—Character of tropopause.

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

UPPER WIND DATA*

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
[illegible]									
Bogra	14 10	18 09	19 07	—	09 05	34 07	27 23	27 17	27 17
Chaklala	—	19 02	13 03	14 10	35 07	35 09	xx xx	30 28	30 26
Chhor	26 25	25 26	25 28	26 12	—	—	—	—	—
Chittagong	19 18	18 12	—	—	—	—	—	—	—
Cox's Bazar	No	Ascent	—	—	—	—	—	—	—
Dacca	18 07	18 06	22 03	26 02	26 15	28 16	28 13	28 17	30 22
Dalbandin	—	—	28 10	27 15	—	—	—	—	—
D. I. Khan	—	—	—	—	24 19	20 15	18 10	15 08	16 03
Drosh	—	—	—	—	30 10	25 04	—	—	—
Fort Sandeman	—	—	—	31 02	05 07	01 09	30 07	28 09	23 10
Jacobabad	13 06	12 11	12 15	08 10	—	—	—	—	—
Jessore	19 23	21 27	21 27	22 26	02 08	22 06	28 15	29 11	—
Jhelum	14 01	14 01	06 02	07 06	—	—	—	—	—
Jiwani	—	—	—	—	—	—	—	—	—
Karachi	24 17	25 17	25 19	—	18 09	23 09	26 13	23 13	25 25
Khanpur	24 05	20 04	19 03	14 03	27 13	31 08	—	—	—
Lahore	28 06	27 08	26 05	26 06	18 13	—	—	—	—
Multan	05 04	15 04	15 07	17 10	—	—	—	—	—
Muscat	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	25 08	23 04	—	—	—	—
Peshawar	—	04 06	08 03	19 05	24 04	36 03	19 15	27 15	27 21
Quetta	—	—	—	—	27 17	25 15	25 13	27 49	36 23
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
[illegible]	24 07	25 06	26 08	24 09		
Bogra	—	03 04	35 07	32 04	36 03	19 08
Chaklala	23 20	25 47	—	—	—	—
Chhor	17 11	17 13	18 14	—	—	—
Chittagong	15 03	16 08	—	—	—	—
Cox's Bazar	23 04	24 03	30 05	34 02	05 03	—
Dacca	—	—	34 01	36 04	33 06	33 23
Dalbandin	—	—	—			
D. I. Khan	—	—	—	22 05	23 04	23 06
Drosh	—	—	—	03 15	25 09	28 21
Fort Sandeman	13 10	23 01	24 03	14 10	27 13	29 19
Jacobabad	24 15	24 41	29 07	35 04	35 05	
Jessore	30 07	31 12	32 13	34 07	32 03	31 05
Jhelum	18 09	17 07	18 07	—	—	—
Jiwani	—	—	—	—	—	—
Karachi	23 17	23 25	24 29	25 19	—	—
Khanpur	34 06	02 09	32 [illegible]	30 12	27 21	29 15
Lahore	10 09	07 06	04 04	24 06	—	—
Multan	—	—	—	—	—	—
Muscat	—	—	—	—	—	—
Panjgur	—	—	—	25 12	24 09	26 04
Peshawar	—	02 06	01 04	35 15	31 13	27 12
Quetta	—	—	[illegible]	—	30 03	26 07
Sharjah	12 06	18 18	19 40	18 12	xx xx	01 02
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	7.5	9.0
STATION	17	18	19	20	21	22	23	24	25	26	27
[illegible]	25 06	28 08									
Bogra	—	16 03	18 04	18 03	31 03	30 05	30 07	30 07	30 [illegible]	—	—
Chaklala	32 14	12 18	—	—	—	—	—	—	—	—	—
Chhor	19 10	19 12	18 06	29 03	18 06	16 08	[illegible] 08	—	—	—	—
Chittagong	17 12	17 17	—	—	—	—	—	—	—	—	—
Cox's Bazar	37 02	34 02	31 10	—	—	—	—	—	—	—	—
Dacca	—	—	09 03	36 06	32 06	28 13	30 17	29 18	34 19	01 20	—
Dalbandin	—	—	—	—	—	—	—	—	—	—	—
D. I. Khan	—	—	—	—	29 01	05 03	36 09	35 06	02 [illegible]	35 11	33 12
Drosh	—	—	—	22 03	23 07	28 15	24 15	30 09	32 [illegible]	25 [illegible]	25 31
Fort Sandeman	14 04	10 06	30 04	38 08	26 12	27 24	26 17	26 15	26 [illegible]	—	—
Jacobabad	No	Ascent	—	—	—	—	—	—	—	—	—
Jessore	20 02	22 02	22 03	17 02	20 04	29 07	31 25	[illegible]	26 12	23 23	24 35
Jhelum	20 09	—	—	—	—	—	—	—	—	—	—
Jiwani	27 17	27 23	28 23	—	—	—	—	—	—	—	—
Karachi	21 10	19 09	17 07	20 05	26 09	27 13	30 12	23 15	[illegible]	36 17	—
Khanpur	21 05	20 06	20 05	18 07	—	—	—	—	—	—	—
Lahore	11 04	[illegible]	22 08	31 10	31 13	—	—	—	—	—	—
Multan	—	—	—	—	—	—	—	—	—	—	—
Muscat	—	—	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	26 07	29 08	—	—	—	—	—	—
Peshawar	—	—	—	—	—	—	—	—	—	—	—
Quetta	—	—	—	—	29 06	27 16	[illegible] 21	33 19	33 19	[illegible] 45	27 31
Sharjah	07 01	11 04	12 06	—	—	—	—	—	—	—	—
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	[illegible]	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	—																	
Dacca	21 13	31 04	29 08	01 05	01 11	02 07	10 07	12 23	11 31	09 15	10 20	09 24						
Karachi	27 23	28 29	17 31	28 37	28 28	28 12	35 09	34 02	35 16	29 19	32 11	28 13	24 14	22 10	19 22	19 22	12 42	09 25
Peshawar	—	29 04	33 03	35 03	37 01	31 04	31 05	05 19	29 19	29 12	29 20	29 28						
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.

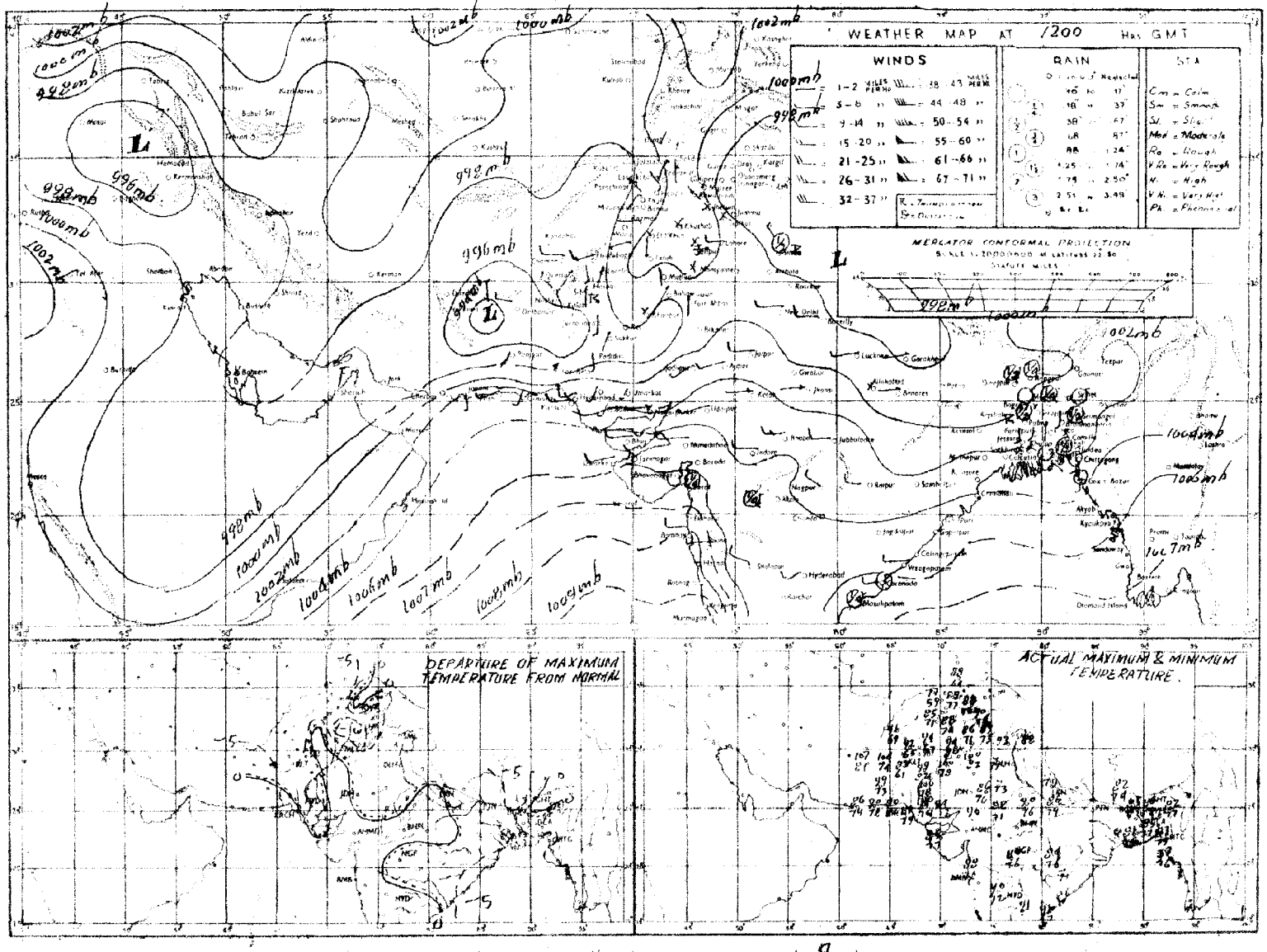
Cloud observation Data (GGiii Cdd V_rV_r etc.)

12 530 02 809
11 739 82 212

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

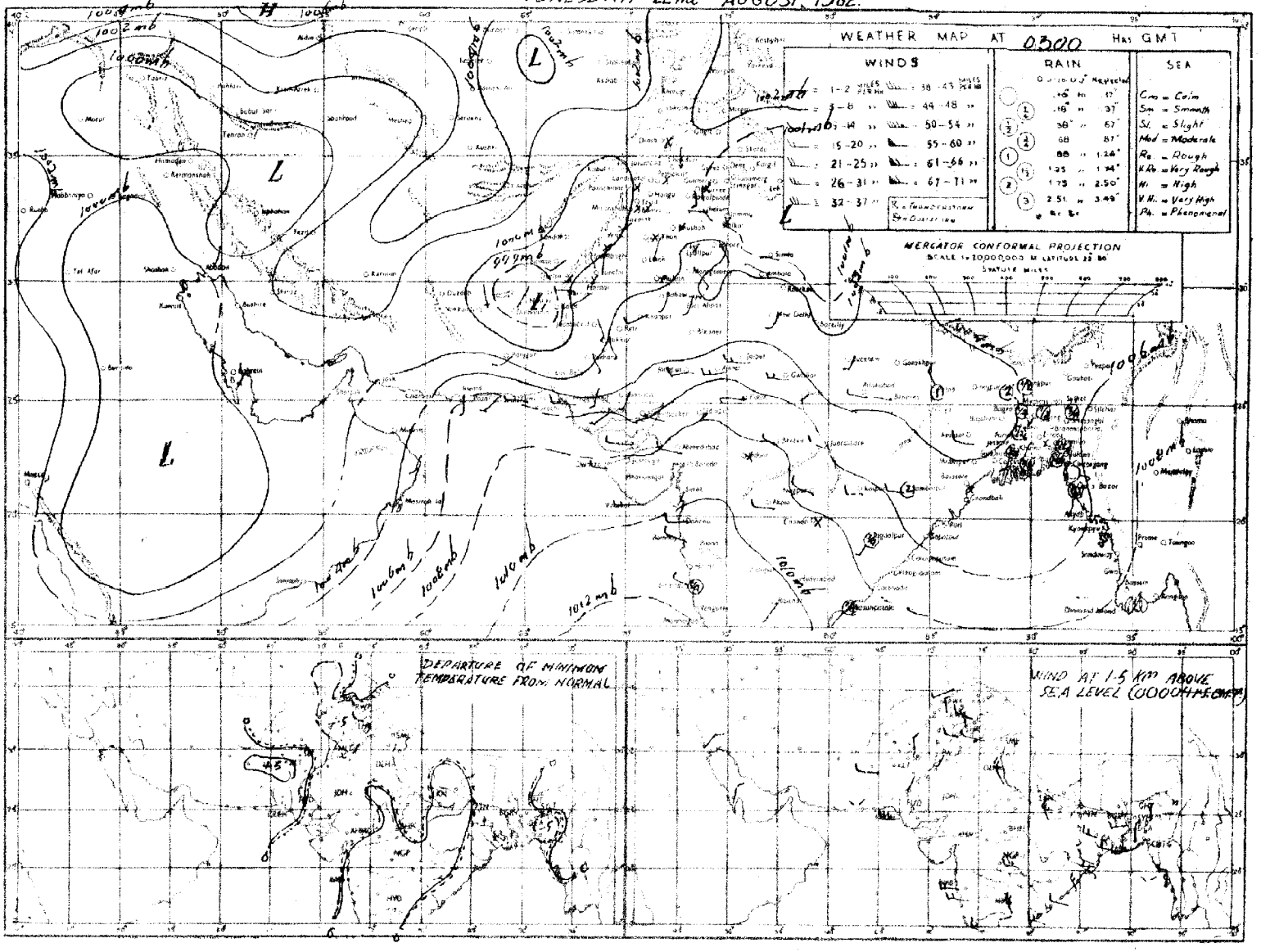
TUESDAY 21st AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 22nd AUGUST, 1962.



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

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Volume No. 16

PAKISTAN DAILY WEATHER REPORT

THURSDAY, THE 23rd AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's westerly low pressure wave is moving away across north of Kashmir. It has caused a few dust/thunderstorms in Peshawar, Rawalpindi and Sargodha divisions.

Another westerly low pressure wave is moving across north of Afghanistan.

The trough of low over northeast Bay of Bengal has moved to northwest Bay.

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

Chief amounts of rainfall are :—Jessore 2"; Maijdee Court 1½"; Satkhira 1"; Pabna 3/4"; Rangamati (upto 0000 GMT), Cox's Bazar and Mymensingh 1/2" each.

Day temperatures were 3—6 °F (2—3 °C) below normal in Quetta, Rajshahi, Khulna and Sargodha divisions as well as in the adjoining parts of Multan, Lahore and D. I. Khan divisions.

Forecast valid until the evening of 24th August, 1962 :—Fairly widespread rain/thundershowers will occur in Dacca and Chittagong divisions and local in Rajshahi and Khulna divisions. A few thunderstorms/showers are also likely in Peshawar, Rawalpindi divisions and Kashmir.

Karachi-11
The 23rd August, 1962.

OBSERVATIONS

M. AZHAR ADIL
for Director, Meteorological Services.

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

DIVISIONS (1)	STATIONS (2)	Rainfall in Cents RRR (3)	Past weather commenced at † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	000	0	5	18	05	97	05	1	039	81	3	7	5	2	1	76	90
	Cox's Bazar	000	1	8	27	09	97	61	4	032	80	6	4	5	2	x	78	83
	Chittagong	000	8	7	18	09	97	61	3	035	88	7	6	8	1	0	78	85
	Maijdee Court	150	7	5	18	08	97	03	5	024	82	8	3	6	0	0	77	83
	Comilla	010	8	8	00	08	97	02	3	080	89	x	8	x	x	x	78	86
	Brahmanbaria	000	8	6	18	18	97	09	1	019	85	6	4	5	0	0	78	89
	Sylhet	000	0	6	00	00	96	03	2	017	84	3	5	6	7	1	75	86
	Srimangal	090	1	2	00	00	95	03	5	089	85	3	0	4	0	0	79	87
Dacca	Mymensingh	000	0	4	00	00	97	02	1	020	84	0	0	9	0	4	77	87
	Narayanganj	000	9	7	18	02	96	02	2	039	88	5	4	2	8	0	79	86
	Dacca (Tezgaon)	000	0	7	18	02	97	02	2	011	83	3	8	4	3	1	77	85
	Faridpur	013	6	8	20	05	96	92	6	009	84	5	4	6	1	0	80	85
Khulna	Barisal	000	0	6	00	00	96	02	2	023	82	4	7	6	4	0	79	83
	Khulna	000	0	6	00	00	97	01	2	024	81	6	5	6	0	0	78	88
	Satkhira	000	0	0	00	00	97	03	2	023	84	4	5	4	2	0	77	81
	Jessore	216	5	8	36	02	95	03	6	020	78	8	8	8	5	x	77	84
Rajshahi	Pabna	070	8	7	18	05	98	01	6	008	80	3	3	7	7	0	77	88
	Sirajganj	000	0	2	00	00	98	02	2	011	82	7	1	4	4	0	78	81
	Bogra	001	5	6	00	00	96	02	6	011	82	3	4	5	0	1	77	85
	Dinajpur	000	9	3	00	00	96	02	2	992	83	3	1	9	4	0	76	86
	Rangpur	000	0	3	18	02	96	01	1	011	84	3	3	9	1	0	78	87
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	005	92	0	0	9	0	0	72	93
	Sialkot	000	0	0	00	00	98	00	0	996	91	0	0	9	0	0	77	93
Rawalpindi	Jhelum	000	0	1	23	03	98	02	0	994	92	1	1	7	0	0	71	93
	Rawalpindi	000	0	2	13	03	98	00	0	952	90	2	1	8	0	0	76	91
	Campbellpur	000	0	0	23	02	98	00	0	964	90	0	0	9	0	0	58	90
Sargodha	Khushab	000	0	0	16	07	98	00	0	999	93	0	0	9	0	0	82	95
	Lyallpur	000	0	5	00	00	96	02	3	012	92	5	0	9	4	0	74	94
Multan	Montgomery	000	0	2	18	00	96	02	1	986	94	2		7	0	0	78	96
	Multan	000	0	2	18	02	98	02	0	984	99	2	1	6	9	0	73	01
	Leiah	000	0	4	05	02	97	01	2	984	96	0	0	9	9	0	74	99
Bahawalpur	Khanpur	000	0	1	23	00	96	02	0	980	00	1	1	7	0	0	71	00
	Bahawalpur	000	0	0	23	02	98	00	0	073	85	0	0	9	0	0	79	02
	Fort Abbas	000	0	0	18	02	98	00	0	986	01	0	0	9	0	0	70	03
Peshawar	Chakdara	000	0	0	36	02	97	00	0	955	88	0	0	9	0	0	71	93
	Peshawar	000	0	1	05	09	98	02	0	981	94	1	2	6	0	0	69	96
	Haripur	...	—	—	...	—	...	—	—	...	—	—	—	—	—	—	...	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	976	94	0	0	9	0	0	70	94
	D. I. Khan	000	0	0	00	00	98	00	0	004	95	0	0	9	0	0	74	95
Quetta	Sibi	000	0	0	18	04	97	05	0	974	05	0	0	9	0	0	66	06
Kalat	Nokkundi	000	0	0	23	05	97	02	0	945	10	0	0	8	0	0	37	31
	Turbat	000	0	0	23	07	97	00	0	010	98	0	0	9	0	0	74	59
	Jiwani	000	0	5	18	04	93	02	2	044	84	5	4	4	0	0	72	76
	Pasni	000	8	0	23	11	95	05	1	987	85	0	0	5	0	0	80	89
Karachi Division	Ormara	000	7	1	26	14	94	03	5	031	85	1	1	6	0	0	78	68
	Lasbela	...	—	—	...	...	...	...	—								...	...
	Karachi (Manora)	000	0	4	27	14	94	01	1	038	84	0	0	9	4	0	76	87
	Karachi (Airport)	000	0	2	27	14	96	01	1	041	84	1	5	6	3	0	74	86
Hyderabad	Nagarparkar	000	0	2	27	02	97	00	0	003	90	0	2	7	0	0	69	91
	Umerkot	000	0	0	23	06	98	02	0	019	91	0	0	9	0	0	71	93
	Hyderabad	000	0	0	32	16	97	02	0	019	90	0	0	9	0	0	71	93
	Badin	000	0	0	23	05	97	00	0	045	89	0	0	9	0	0	70	92
Khairpur	Padidan	000	0	0	13	09	98	02	0	982	03	0	0	9	0	0	70	04
	Nawabshah	000	0	0	18	05	96	02	0	003	95	0	9	9	0	0	70	03
	Sukkur	000	0	0	16	03	97	02	0	976	02	0	0	9	0	0	73	03
	Kashmore	000	0	0	18	03	99	02	0	976	04	0	0	9	0	0	71	xx
	Jacobabad	000	0	0	18	03	97	02	0	980	99	0	0	9	0	0	89	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	7	05	05	98	03	0	079	65	2	1	8	4	0	35	71
	Astore *																	
	Gilgit *	000	0	8	00	00	98	02	2	457	76	8	5	8	x	x	57	84
Rawalpindi	Murree *	000	4	8	00	00	94	93	4	445	67	8	5	2	x	x	64	72
Peshawar	Drosh *	000	3	4	23	10	97	29	9	415	86	5	0	7	6	0	47	94
	Cherat *	000	0	1	16	09	98	01	0	394	82	1	1	6	0	0	67	90
	Kakul *	000	7	4	23	07	98	01	1	438	80	4	2	6	0	0	68	83
	Landikotal *	000	0	1	13	05	96	00	0	425	xx	1	1	7	0	0	65	89
	Parachinar *	000	0	6	00	00	98	08	1	435	76	6	6	8	1	0	66	81
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	427	88	0	0	9	0	0	60	xx
	Wana *	000	0	4	13	03	99	01	1	517	86	4	1	9	0	0	79	80
Quetta	Fort Sandeman *	000	0	2	20	01	99	02	0	422	93	2	0	8	3	0	34	97
	Hindubagh *	000	0	0	25	10	97	00	0	402	87	0	0	9	0	0	51	89
	Loralai *	000	0	4	16	05	99	00	1	431	90	0	0	9	1	2	58	94
	Harnai *	000	0	0	13	05	97	00	0	421	95	4	0	9	0	0	62	96
	Quetta *	000	0	0	27	02	96	00	0	411	88	0	0	9	0	0	47	89
	Chaman *	000	0	0	23	07	98	00	0	409	90	0	0	9	0	0	27	91
	Nushki *	000	0	0	31	13	98	02	0	457	01	0	0	9	0	0	44	03
	Dalbandin *	000	8	2	25	07	96	03	0	426	05	2	1	7	0	5	29	08
Kalat	Kalat *	000	0	0	27	02	96	00	0	429	82	0	0	9	0	0	78	85
	Panjgur *	000	0	3	23	02	97	02	0	442	94	3	8	6	0	0	60	93
Afghanistan	Kabul *																	
	Kandhar *																	

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

DIVISIONS	STATIONS	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths) PPP (28)	Dry bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Rangamati																	
	Cox's Bazar	046	7	6	18	07	97	01	8	058	83	4	5	5	7	0	78	77
	Chittagong	005	8	4	13	09	97	02	6	083	82	2	2	6	2	8	75	77
	Maijdee Court	150	9	6	13	02	97	02	2	094	83	4	3	5	1	x	77	77
	Comilla	010	0	8	18	05	97	02	2	083	85	8	4	4	x	x	76	76
	Brahmanbaria	000	0	5	18	02	97	03	1	061	83	5	5	5	0	0	77	74
	Sylhet	007	9	6	00	00	96	20	6	063	81	6	5	5	2	x	77	78
	Srimangal	015	0	3	09	09	95	03	3	068	83	3	0	0	0	0	76	77
Dacca	Mymensingh	066	9	4	13	03	97	02	6	063	83	4	2	4	0	0	79	78
	Narayanganj	015	3	8	11	03	97	23	6	054	82	5	4	2	3	x	77	78
	Dacca (Tezgaon)	014	6	7	16	02	97	21	6	050	79	5	8	4	7	0	75	78
	Faridpur	017	8	8	16	03	96	02	2	055	83	5	5	6	1	0	76	79
Khulna	Barisal	007	4	6	15	02	96	03	5	048	84	6	7	6	4	0	78	77
	Khulna	000	0	4	00	00	97	04	2	047	84	4	4	6	0	0	78	78
	Satkhira	110	1	7	00	00	97	03	6	061	90	4	4	4	2	0	78	76
	Jessore	248	9	7	09	15	97	03	6	044	82	5	7	6	6	0	79	76
Rajshahi	Pabna	070	0	7	13	15	98	01	2	039	82	4	2	7	5	0	79	77
	Sirajganj	000	0	2	00	00	98	02	1	051	83	2	1	5	0	0	71	76
	Bogra	001	0	6	00	07	96	02	2	050	84	4	5	1	2	0	78	78
	Dinajpur	000	9	6	00	08	96	02	2	043	84	6	0	9	2	0	78	77
	Rangpur	000	0	6	11	02	96	01	2	056	83	6	5	6	0	0	79	79
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	022	86	0	0	9	0	0	76	79
	Sialkot	000	0	0	00	00	97	00	0	016	80	0	0	9	0	0	79	78
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	021	53	0	0	9	0	0	77	79
	Rawalpindi	000	0	0	00	00	99	02	0	022	84	0	0	9	0	0	73	76
	Campbellpur	000	0	1	13	01	98	00	0	966	80	0	0	9	0	x0	76	80
Sargodha	Khushab	000	0	0	00	00	57	05	0	029	86	0	0	9	0	0	79	82
	Lyallpur	000	0	0	00	00	96	00	0	026	83	0	0	9	0	0	77	81
Multan	Montgomery	000	0	0	00	00	96	02	0	018	86	0	0	9	0	0	91	91
	Multan	000	0	0	18	02	98	02	0	090	85	0	0	9	0	0	73	83
	Leiah	—		—	...	—	—	—		—	—	—	—	—	—	—	...	—
Bahawalpur	Khanpur	...	...															
	Bahawalpur	000	0	0	18	02	98	00	0	041	84	0	0	9	0	0	75	87
	Fort Abbas	003	0	0	20	02	98	00	0	040	84	0	0	9	0	0	71	83
Peshawar	Chakdara	000	0	0	36	02	97	00	0	014	76	0	0	9	0	0	67	68
	Peshawar	000	0	0	31	02	58	02	0	024	83	0	0	9	0	0	73	78
	Haripur	000	0	0	05	01	96	00	0	043	82	0	0	9	0	0	73	74
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	011	85	0	0	9	0	0	73	78
	D. I. Khan	0 0	0	0	00	06	98	00	0	012	87	0	0	9	0	0	79	80
Quetta	Sibi	000	0	0	33	02	97	05	0	013	89	0	0	9	0	0	71	87
Kalat	Nokkundi	000	0	0	34	02	98	02	0	008	89	0	0	9	0	0	39	79
	Turbat	000	0	0	27	07	97	00	0	056	84	0	0	9	0	0	74	xx
	Jiwani	000	0	6	18	09	57	02	0	067	80	6	6	4	0	0	73	79
	Pasni	000	3	9	35	14	96	04	1	041	81	8	4	7	0	0	78	81
Karachi Division	Ormara	000	0	0	27	09	94	03	2	057	89	8	4	6	0	0	77	79
	Lasbela	000	0	4	01	10	98	04	0	949	85	4	0	9	4	0	82	xx
	Karachi (Manora)	000	0	6	27	12	96	03	2	056	80	0	0	9	4	0	74	78
	Karachi (Airport)	000	0	7	25	14	96	03	1	057	82	3	6	5	5	0	75	80
Hyderabad	Nagarparkar	003	0	6	34	01	97	00	0	052	79	0	6	7	0	0	73	80
	Umerkot	000	0	0	21	04	97	02	0	041	81	0	5	7	0	0	74	77
	Hyderabad	000	0	0	23	10	97	02	0	031	83	0	0	9	0	0	73	79
	Badin	000	0	0	25	05	97	00	0	053	87	0	0	9	0	0	73	78
Khairpur	Padidan	000	0	0	13	07	98	02	0	017	83	0	0	9	0	0	71	78
	Nawabshah	000	0	0	18	03	96	02	1	017	84	0	0	9	0	0	74	78
	Sukkur	000	0	0	16	03	96	02	0	015	83	0	0	9	0	0	73	79
	Kashmore	000	0	0	00	00	99	00	0	967	87	0	0	9	0	0	71	80
	Jacobabad	000	9	0	11	05	97	02	0	019	84	0	0	9	0	0	81	82
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	7	31	05	97	14	2	104	54	3	6	8	2	0	37	49
	Astore *																	
	Gilgit *	000	0	0	00	00	99	10	0	484	75	0	0	9	0	0	59	62
Rawalpindi	Murree *	000	9	2	31	05	98	01	1	460	64	2	1	4	0	0	58	57
Peshawar	Drosh *	000	9	0	00	00	99	02	2	472	69	0	0	9	0	0	53	68
	Cherat *	000	0	0	36	03	98	12	2	403	73	0	0	9	0	0	67	62
	Kakul *	000	3	1	29	02	98	01	0	437	xx	1	1	7	0	0	67	67
	Landikotal *	000	0	0	00	00	98	00	0	446	76	0	0	9	0	0	63	68
	Parachinar *	...	—	—	...	—	—	...	—	...	...	—	—	—	—	—	...	...
D. I. Khan	Miranshah *	000	0	0	00	00	99	80	0	430	77	0	0	9	0	0	66	74
	Wana *	000	0	0	00	00	98	00	0	509	75	0	0	9	0	0	61	xx
Quetta	Fort Sandeman *	000	0	0	00	00	98	01	0	470	77	0	0	9	0	0	66	73
	Hindubagh *	000	0	0	25	19	97	00	0	431	77	0	0	9	0	0	53	64
	Loralai *	000	0	0	00	00	99	00	0	418	80	0	0	9	0	0	61	65
	Harnai *	000	0	0	05	05	97	00	0	434	84	0	0	9	0	0	68	80
	Quetta *	000	0	0	00	00	96	00	0	444	71	0	0	9	0	0	59	64
	Chaman *	000	0	0	23	07	98	00	0	447	84	0	0	9	0	0	31	73
	Nushki *	000	0	0	09	05	98	02	0	478	87	0	0	9	0	0	57	80
	Dalbandin *	000	1	1	13	02	96	03	0	455	80	1	0	9	3	0	51	73
Kalat	Kalat *	000	0	0	18	02	96	00	0	470	72	0	0	9	0	0	65	60
	Panjgur *	000	0	0	00	00	96	02	0	470	73	0	0	9	0	0	67	71
Afghanistan	Kabul *																	
	Kandhar *																	

Departure from Normal of / Rainfall

DIVISIONS	STATIONS	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Rainfall since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	—					
	Cox's Bazar	— 2	+ 1	89.4	+ 1.3	100.0	146
	Chittagong	— 1	+ 1	64.3	+ 4.0	27.0	100
	Maijdee Court	— 2	— 1	65.9	+ 2.8	85.3	115
	Comilla	— 1	—	45.1	—	[illegible]	94
	Brahmanbaria	—	—	36.6	+ 0.3	[illegible]	79
	Sylhet	—	—	76.8	—	103.[illegible]	—
	Srimangal	— 3	+ 1	44.1	+ 1.1	[illegible]	80
Dacca	Mymensingh	0	0	43.1	— 1.7	[illegible]	91
	Narayanganj	— 2	— 1	33.1	— 2.1	[illegible]	74
	Dacca (Tezgaon)	—	—	41.8	—	[illegible]	—
	Faridpur	— 2	0	27.9	— 7.0	[illegible]	71
Khulna	Barisal	— 7	— 1	36.0	— 6.8	48.9	[illegible]
	Khulna	0	0	29.1	— 8.1	36.0	68
	Satkhira	— 7	0	37.8	+ 3.1	44.7	65
	Jessore	—	—	27.9	— [illegible]	37.5	63
Rajshahi	Pabna	—	—	33.2	—	51.7	59
	Sirajganj	— 6	— 3	30.0	— 2.4	42.9	64
	Bogra	— 3	0	31.2	— 4.0	43.7	69
	Dinajpur	— 3	— 1	35.3	— 2.7	42.5	73
	Rangpur	— 2	+ 2	38.5	— 5.1	60.7	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 4	0	7.3	— 3.9	[illegible]	19
	Sialkot	— 1	0	17.7	— 0.2	[illegible]	30
Rawalpindi	Jhelum	—	—	13.3	—	[illegible]	
	Rawalpindi	— 2	+ 1	21.5	+ 3.9	[illegible]	36
	Campbellpur	—	—	8.6	—	[illegible]	—
Sargodha	Khushab	— 4	+ 1	1.1	— 7.2	6.1	15
	Lyallpur	— 5	+ 2	6.4	— 1.6	9.2	13
Multan	Montgomery	— 4	0	6.3	— 1.8	9.4	10
	Multan	+ 3	+ 1	0.3	— 3.9	2.0	7
	Leiah	—					8
Bahawalpur	Khanpur	— 3					6
	Bahawalpur	+ 2	+ 7	1.4	— 2.8	2.1	6
	Fort Abbas	—	—	0.6	—	0.9	8
Peshawar	Chakdara	—	—	6.0	—	15.2	—
	Peshawar	— 1	+ 1	1.5	— 1.8	8.1	11
	Haripur		—	16.9	—	23.5	—
D. I. Khan	Bannu	—	—	1.9	—	4.9	11
	D. I. Khan	— 5	— 1	1.6	— 2.9	4.4	9
Quetta	Sibi	—	—	2.6	—	3.7	5
Kalat	Nokkundi	—	—	0	—	0.1	2
	Turbat	—	—	1.8	—	4.6	—
	Jiwani	—	—	1.2	—	1.9	1
	Pasni	0	+ 6	0	— 0.9	0.2	6
Karachi Division	Ormara	—	—	0.1	— 0.7	8	6
	Lasbela		—	8	—	8	8
	Karachi (Manora)	+ 2	0	3.7	— 1.4	3.7	8
	Karachi (Airport)	—	—	4.9	—	4.9	—
Hyderabad	Nagarparkar	—	—	6.4	—	6.4	—
	Umerkot	—	—	5.3	—	5.4	
	Hyderabad	+ 2	0	4.3	— 0.8	[illegible]	7
	Badin	—	—	3.5	— 2.1	4.1	9
Khairpur	Padidan	—	—	2.2	—	2.0	—
	Nawabshah	—	—	2.7	—	3.1	—
	Sukkur	—	—	2.5	—	3.5	4
	Kashmore	—	—	0.5	—	0.5	—
	Jacobabad	— 2	+ 1	1.0	— 1.1	1.9	4
Junagadh	Veraval						30
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						8
	HILL STATIONS						
Kashmir	Srinagar *						26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						20
	Leh **						3
	Skardu *						6
	Misgar **		—				—
	Astore *						—
	Gilgit *		—				[illegible]
Rawalpindi	Murree *	+ 2	1	23.3	— 4.5	41.6	[illegible]
Peshawar	Drosh *	9	— 3	4.4	—	16.3	[illegible]
	Cherat *	+ 4	— 7	9.0	+ 0.2	33.1	[illegible]
	Kakul *	—	—	23.7	—	39.3	[illegible]
	Landikotal *	—		1.8	—	17.9	—
	Parachinar *	— 4					[illegible]
D. I. Khan	Miranshah *	—	—	0.6	— 3.1	2.4	[illegible]
	Wana *	—	—	4.2	—	12.5	[illegible]
Quetta	Fort Sandeman *	0	0	4.2	0	9.0	[illegible]
	Hindubagh *	—	—	0.8	—	4.6	[illegible]
	Loralai *	—	—	1.1	—	4.6	—
	Harnai *	—	—	3.9	— 1.9	7.2	9
	Quetta *	—	—	0.1	— 0.9	4.3	[illegible]
	Chaman *	— 6	+ 3	0	— 0.1	1.3	9
	Nushki *	—	—	0	—	1.6	8
	Dalbandin *	+ 3	+ 4	0	— 0.2	1.1	—
Kalat	Kalat *	— 3	+ 4	0.2	— 8.9	2.1	4
	Panjgur *	— 3	+ 1	0.3	—	1.3	7
Afghanistan	Kabul *						5
	Kandhar *						12

† Given in Code.

* These stations report as PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 as RRR see the summary above for the actual amount of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 23rd AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhCLhCMCH	DsVs a PP	8 NsChs	OTsTsTdTd	IwdwPwHw
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Muzaffari	43 185	626 00	6 24 18	99 0 22	060 91	64 6 00	62 6 10	—	00 0 77	12 5 44
Caltex Naples	43 170	561 06	7 21 22	97 0 22	078 72	75 4 xx		—	00 1 70	12 1 22
Vilhelia	43 204	499 06	0 12 03	98 0 20	019 93	00 9 00	36 2 20	—	00 1 93	11 3 11
Vishnajoti	43 238	656 06	7 23 12	98 0 12	105 85			—		
President	43 229	643 06	0 25 18	98 0 32	091 81	00 4 xx	56 2 14	—	05 4 77	12 5 24
Alfred Fraissinet	43 227	599 06	1 19 20	98 0 20	060 85	00 9 09	33 2 14	...	30 1 73	11 9 23
Udomaru	43 199	653 06	7 23 15	97 0 22	108 82	57 5 2x	35 2 08	...	08 1 77	12 3 22
Isanda	43 249	577 06	6 06 20	98 0 22	047 86	65 6 00	34 1 15	...	04 2 61	20 9 24
Serenia	42 255	572 06	5 00 09	97 0 21	057 96	41 6 30	76 2 11	...	05 2 79	10 9 21
Leader	43 182	573 12	8 18 16	97 0 22	023 73	82 4 xx	55 6 23	...	00 5 72	11 8 22
Isanda	43 238	595 12	3 05 15	98 0 10	016 88	24 5 00	34 7 18	...	05 3 81	10 5 23
British Industry	43 195	586 12	2 18 09	97 0 11	08x 80	15 x xx	—	...		
Caltex Naples	43 166	551 12	7 23 17	97 0 23	063 79	75 4 xx		...	00 3 73	12 3 22
Ulletia	43 276	513 12	0 15 05	98 0 20	045 97	00 9 00	35 7 08	...	00 3 84	11 5 22
Alfred Fraissinet	43 219	598 12	2 23 05	97 0 20	073 75	17 5 20	52 3 25	...	00 3 72	12 8 21
Alfred Fraissinet	43 216	596 18	9 23 10	98 0 00	085 76	xx 9 xx	53 2 12	...	00 4 73	12 3 21
Jaliawahar	43 069	660 18	3 23 00	99 7 03	012 90	35 4 00	25 4 00	...	00 6 xx	10 3 23

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
			HHHTTTTdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra	...													
Chittagong	...													
Dacca	00 00	023 236 218	—	...	135 158 155	...	326 102 048	423 042 002	580 546 580	752 045 685	965 386	—	—	...
[illegible]	...													
Karachi	00 00	003 292 265	049 232 198	—	142 168 135	...	317 185 995	448 135 915	599 095 995	773 585 996	016 582	—	—	—
Lahore	C0 00	979 322 240	—	—	145 272 168	...						—	—	—
Multan	...													
Peshawar	00 00	960 272 198	—	...	140 238 992	...	312 145 995	449 080 990	588 080 990	363 583 988	984 712	—	—	—
Quetta	...													

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE St. HHHHTT	TROPOPAUSE St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra	—												
Chittagong	...												
Dacca	00 00	002 262 248	900 188 182	800 155 153	534 002 538	350 698 762	—	—	—	—	350 698 762	—	—
[illegible]	...												
Karachi	00 00	900 188 152	800 165 992	...	...	—	—	—	—	—	800 165 992	—	—
Lahore	00 00	900 290 240	800 258 122	...	...	—	...	...	—	—	800 255 122	—	—
Multan	...												
Peshawar	00 00	900 255 998	800 205 995	...	—	—	...	—	—	—	800 205 995	—	—
Quetta	...												

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

HHH, HHHH (height)—Tens of geopotential metres.
TT—Dry bulb temperature 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	14 C8	13 10	15 06	14 07	16 08	10 04	10 08	12 08	14 11
Chaklala	...	18 03	18 05	47 04	12 02	15 03	28 09	29 14	29 11
Chhor	23 26	23 25	23 18	22 09	34 10	34 07	34 20	31 13	32 13
Chittagong	21 09	21 13	20 09	...	—	...	...	—	—
Cox's Bazar	24 14	24 13	24 12	...	—	...	...	...	...
Dacca	18 08	18 07	19 06						
Dalbandin	...	—	22 09	35 12	24 10	29 13	35 17	34 12	35 19
D. I. Khan	—	—	—	—	—	...	—	...	...
Drosh	...	—	—		26 04	24 08		...	...
Fort Sandeman	...			21 01	29 07	26 06	28 16	26 15	—
Jacobabad	17 07	17 11	17 31	28 02	35 05	35 07	34 13	31 27	24 26
Jessore	No	Ascent	—						
Jhelum	22 04	20 03	19 03	32 02	30 08	30 08	30 04	31 04	34 22
Jiwani	19 14	18 20	18 17		—	—	—	—	—
Karachi	25 27	26 27	26 26	28 17					
Khanpur	21 23	21 19	21 15	20 07	19 15	20 14	29 07	26 07	25 09
Lahore	35 01	32 01	29 02	22 02	25 04	30 04	33 19	33 18	33 14
Multan	21 13	21 16	20 18	20 14	19 15	18 04	...	—	—
Muscat	—	—	—						
Panjgur	—			23 05	25 04	30 45	29 08	28 11	30 14
Peshawar	...	19 03	24 03	27 03	33 07	15 01	29 15	24 15	16 15
Quetta	—	—	—	—	29 11	28 07	30 07	28 19	27 02
Sharjah									
Sylhet	15 04	19 08	18 07	17 10	15 08	16 09	xx xx	xx xx	02 02
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	15 09	15 10	14 11	14 12	11 10	
Chaklala	—	10 06	10 04	33 04	27 05	32 08
Chhor	24 18	24 27	—		...	...
Chittagong	16 18	16 13	16 12	17 12	—	—
Cox's Bazar	17 15	17 15	18 15	21 12	20 99	19 12
Dacca	15 13	15 12	15 10			
Dalbandin	—	...	27 07	20 04	34 05	33 09
D. I. Khan	—	...	...	...		
Drosh	...	—	—	25 05	26 04	24 04
Fort Sandeman	...			04 10	22 04	30 18
Jacobabad	19 12	22 08	15 02	28 09	25 06	33 13
Jessore	12 09	...	...			
Jhelum	03 03	34 01	30 02	31 08	35 07	33 07
Jiwani	20 10	—	...	...	—	...
Karachi	...	...	...	...		
Khanpur	21 15	21 25	22 28	24 21	28 15	29 37
Lahore	11 04	07 03	02 03	31 06	30 10	31 08
Multan	20 20	22 20	23 22	—	—	—
Muscat	—	...	...			
Panjgur	—	...	—	26 11	25 14	25 11
Peshawar	...	03 07	04 04	30 02	25 06	28 08
Quetta		...	...	—	26 02	25 07
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
Bagra	12 06	11 12	12 13	21 15	13 10	13 00				...	...
Chaklala	—	21 02	30 04	30 05	33 09	32 07	31 07	28 09	29 14	...	—
Chhor	23 21	23 21	24 17	...	—	—	...	—	...	...	—
Chittagong	18 15	17 17	15 23	—	—	—	—	—	—	—	...
Cox's Bazar	17 11	17 10	17 09	—	...	—	—	—	—	—	...
Dacca	12 15	13 16	13 12	...							...
Dalbandin	...	...	30 01	35 08	36 09	35 10	33 15	31 11	30 [illegible]	32 14	...
D. I. Khan	...	—	—	—							
Drosh	...	—	...	...	20 01	01 03	35 10	36 05	33 04	34 06	23 04
Fort Sandeman	...	...	...	16 01	24 05	29 11	30 22	30 29	...	...	—
Jacobabad	14 05	15 04	24 04	31 06	27 04	30 07	...	—	...	...	...
Jessore	10 10	11 17	11 15	10 11							...
Jhelum	18 01	32 03	29 04	31 07	21 09	33 08	31 08	36 09	28 07	33 23	...
Jiwani	19 11	18 11	28 08	—	...	...	...	...	—	—	...
Karachi	28 29	27 21	...	—	...	—	...	...	...	...	...
Khanpur	—	—	—	...	...	...	...	—	...	...	...
Lahore		...	—	—							
Multan	20 07	19 10	19 11	19 09	26 07	32 07	27 14	30 28	32 32	—	...
Muscat	...	...	...	...	...	...					...
Panjgur	—			26 07	10 02	05 02	07 08	08 08	13 04	32 16	—
Peshawar	...	05 15	06 15	05 03	12 07	17 02	24 11	23 17	26 16	29 19	29 09
Quetta	—	...	—	—	26 04	28 15	29 12	28 10	30 17	24 18	26 35
Sharjah	...						—	—	...	...	...
Sylhet	15 04	15 08	20 06	36 05	xx xx	04 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

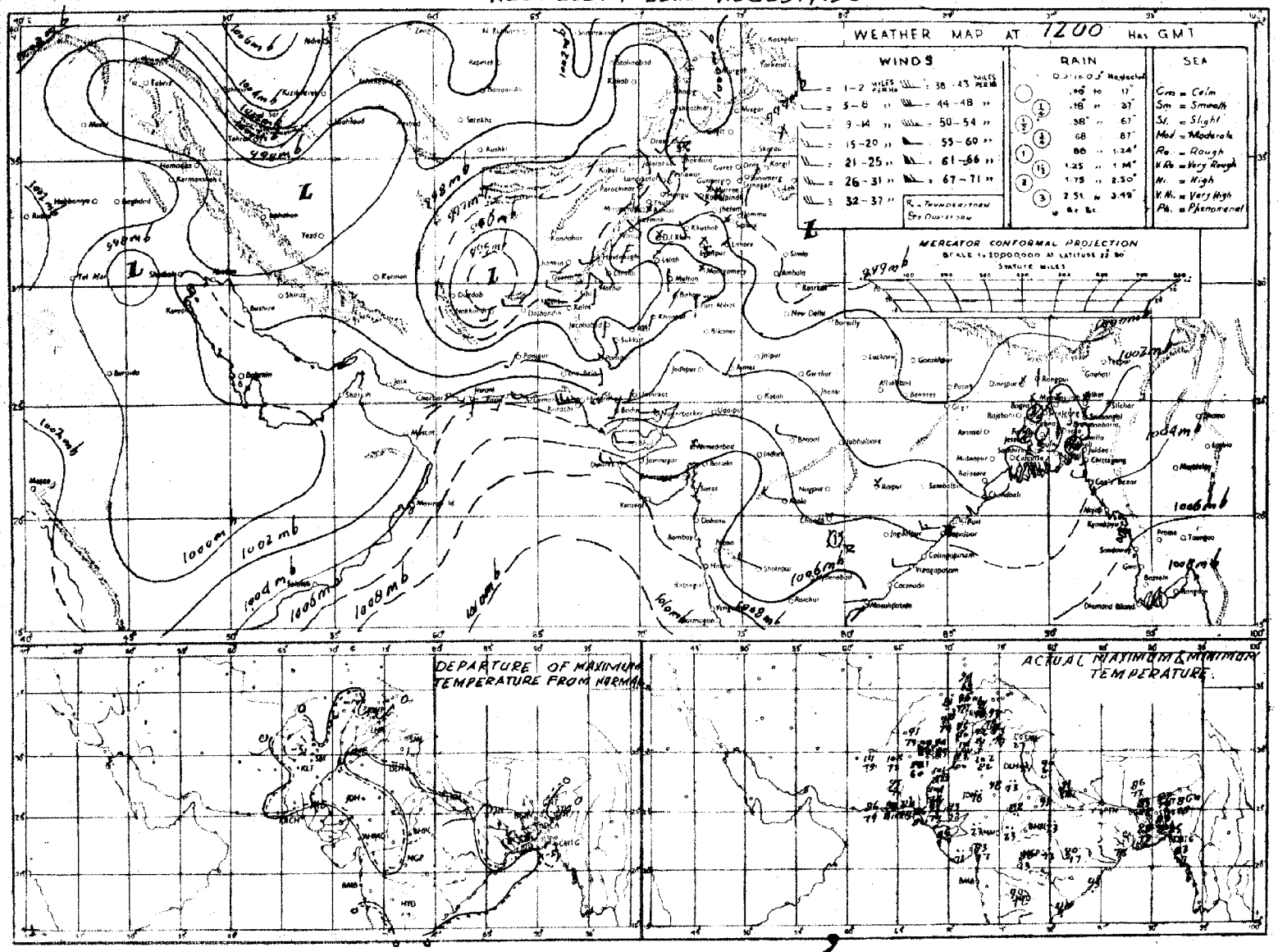
Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong														—	...	...	...	—
Dacca	16 07	15 01	15 05	13 09	23 11	33 11	14 11	11 13	12 10	13 09	12 21	30 24	09 25	...	...	...	...	—
Karachi	27 34	28 31	30 23	33 17								—	—	...	...	...	...	—
Peshawar	—	36 09	05 04	10 02	24 05	30 12	27 19	27 18	27 19	28 25	28 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 VrVr etc.)

PAKISTAN DAILY WEATHER MAP

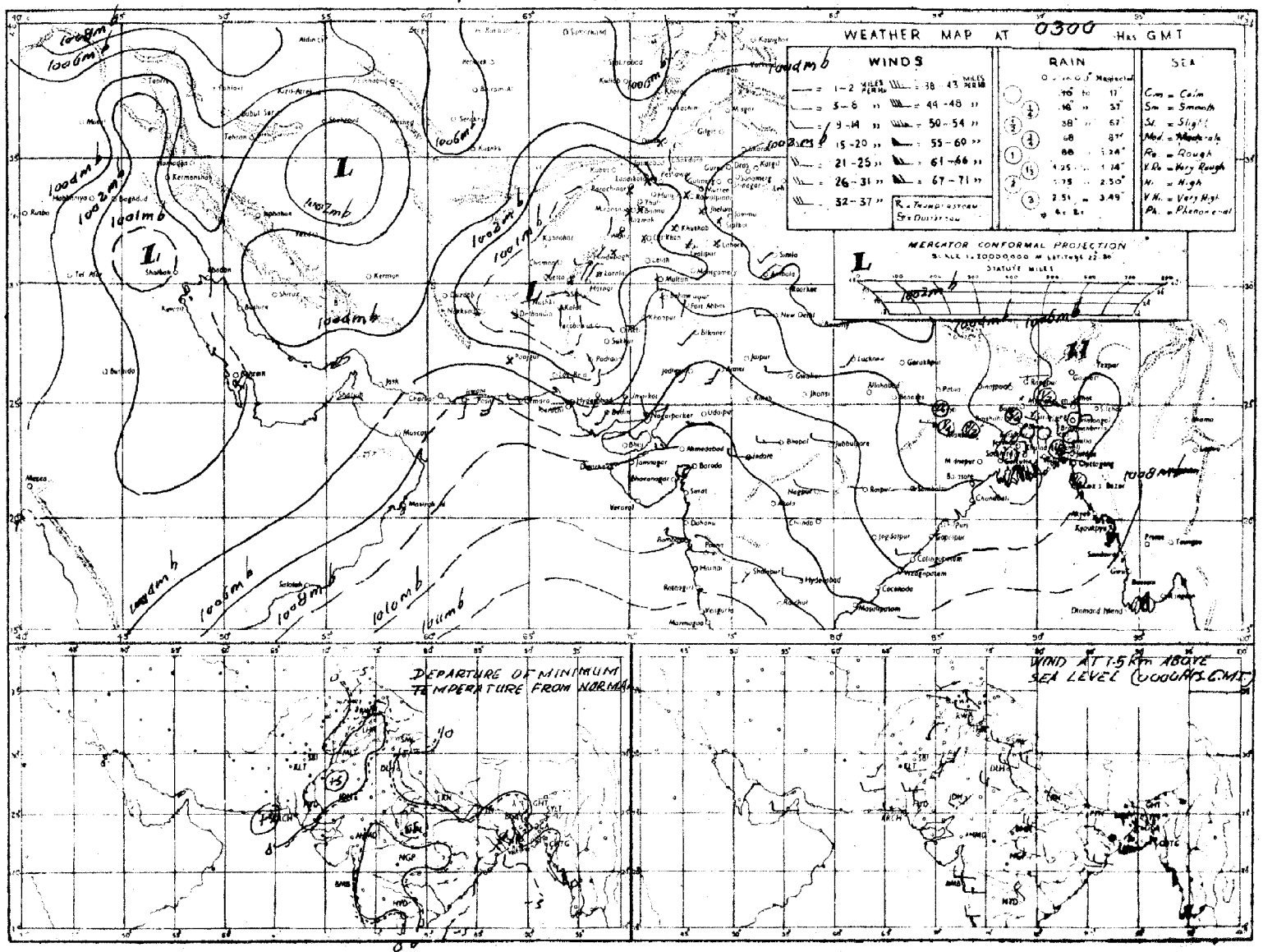
WEDNESDAY 22nd AUGUST, 1962.



Rainfall amounts indicated in the above chart refer to past hours

PAKISTAN DAILY WEATHER MAP

THURSDAY 23rd, AUGUST, 1962.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

FRIDAY THE 24th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's westerly low pressure wave north of Afghanistan is to-day moving away across north of Kashmir. Its associated trough extends to Rawalpindi division.

Weather remained dry over West Pakistan.

A well marked low pressure area lies over Chota Nagpur and neighbourhood.

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

Chief amounts of rainfall are :—Sylhet 2"; Jessore 3/4"; Rangamati, Khulna and Satkhira ½" each and Srimangal and Sirajganj 1/4" each.

Day temperatures were 3—5°F (2—3°C) above normal in Karachi division and in northern districts of Rawalpindi division and Southern districts of Kalat division.

Forecast valid until the evening of 25th August, 1962 :—Local rain/thundershowers will occur in East Pakistan and scattered thunderstorms/showers in Peshawar, Rawalpindi, Sargodha and Lahore divisions and in Kashmir.

Karachi-11
The 24th August, 1962.

M. AZHAR ADIL
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	Rangamati	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cox's Bazar	001	6	7	30	13	97	25	2	039	82	5	8	5	7	0	77	85
	Chittagong	000	0	8	18	12	97	03	2	035	83	6	3	6	2	x	77	87
	Maijdee Court	000	9	7	18	01	97	03	2	031	89	5	2	6	4	0	79	xx
	Comilla	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Brahmanbaria	005	1	5	18	02	97	03	6	032	84	5	4	5	0	0	77	88
	Sylhet	000	0	6	00	00	96	02	2	027	84	8	5	6	7	1	78	87
	Srimangal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dacca	Mymensingh	000	0	6	13	02	97	03	1	031	84	6	4	4	0	0	81	87
	Narayanganj	000	9	7	xx	xx	96	03	2	024	85	3	4	3	3	8	78	xx
	Dacca (Tejgaon)	004	9	6	13	05	92	02	6	024	84	4	8	5	0	1	77	87
	Faridpur	007	3	5	16	05	96	02	4	028	89	3	4	6	1	0	79	xx
Khulna	Barisal	002	4	6	13	02	96	07	5	027	83	4	7	5	4	0	76	86
	Khulna	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Satkhira	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Jessore	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rajshahi	Pabna	000	0	5	13	01	98	01	2	011	83	1	1	x	0	6	78	88
	Sirajganj	000	0	8	00	00	98	02	8	022	82	8	0	9	0	4	71	85
	Bogra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Dinajpur	000	9	7	00	08	96	02	3	011	86	3	0	9	4	0	79	xx
	Rangpur	000	0	4	09	02	96	01	2	026	84	2	2	6	1	0	78	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	00	0	007	95	0	0	9	0	0	77	96
	Sialkot	000	0	0	00	00	96	00	0	991	94	0	0	9	0	0	78	96
Rawalpindi	Jhelum	000	0	1	23	05	97	01	0	997	95	1	1	7	0	0	76	96
	Rawalpindi	000	0	1	23	02	xx	xx	x	997	94	1	1	8	0	0	72	95
	Campbellpur	000	0	0	13	02	58	00	0	963	95	0	0	9	0	0	84	95
Sargodha	Khushab	000	0	0	23	07	58	00	0	013	97	0	0	9	0	0	81	98
	Lyallpur	000	0	0	00	10	97	00	0	000	96	0	0	9	0	0	76	96
Multan	Montgomery	000	0	2	00	00	96	02	1	002	00	2	1	8	0	0	76	00
	Multan	000	0	4	18	02	98	02	0	996	00	0	0	9	0	0	73	02
	Leiah	000	0	0	18	02	97	00	0	964	97	0	0	9	0	0	72	00
Bahawalpur	Khanpur	000	0	0	23	03	96	02	0	994	01	0	0	9	0	0	69	02
	Bahawalpur	000	0	0	20	01	58	00	0	056	01	0	0	9	0	0	74	02
	Fort Abbas	000	0	0	23	02	98	00	0	996	03	0	0	9	0	0	69	03
Peshawar	Chakdara	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Peshawar	000	0	1	34	05	98	02	0	993	94	1	9	6	0	0	72	96
	Haripur	000	0	0	13	01	96	00	0	991	94	0	0	9	0	0	75	95
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	954	97	0	0	9	0	0	76	98
	D. I. Khan	000	2	4	30	00	98	00	0	991	99	4	4	8	0	0	78	00
Quetta	Sibi	000	0	0	18	02	97	05	0	981	07	0	0	9	0	0	67	08
Kalat	Nokkundi	000	3	5	31	05	97	01	2	950	10	0	0	9	2	1	41	11
	Turbat	000	0	0	23	08	97	00	0	015	96	0	0	9	0	0	76	09
	Jiwani	000	5	6	18	16	97	02	2	046	83	6	6	4	0	0	71	85
	Pasni	000	8	8	23	06	95	02	1	001	86	0	0	5	4	3	78	92
Karachi Division	Ormara	000	0	1	27	14	94	03	1	041	87	1	1	6	0	0	77	88
	Lasbela	000	0	3	00	00	97	03	0	860	96	3	0	8	3	0	83	08
	Karachi (Manora)	000	0	0	27	10	96	02	0	042	85	0	0	9	0	0	77	88
	Karachi (Airport)	000	0	6	27	17	94	01	2	046	84	6	5	6	0	0	75	87
Hyderabad	Nagarparkar	000	0	3	13	03	97	00	3	037	88	0	3	7	0	0	77	91
	Umerkot	000	0	1	23	05	98	02	0	020	92	1	2	7	0	0	75	94
	Hyderabad	000	0	0	23	12	97	02	0	013	93	0	0	9	0	0	72	97
	Badin	000	0	0	23	05	97	00	0	012	90	0	0	9	0	0	73	93
Khairpur	Padidan	000	0	0	13	07	98	07	0	991	04	0	0	9	0	0	69	05
	Nawabshah	000	0	0	18	03	96	02	0	006	03	0	0	9	0	0	69	05
	Sukkur	000	0	0	16	02	97	02	0	962	03	0	0	9	0	0	75	05
	Kashmore	000	0	0	00	00	99	00	0	988	03	0	0	9	0	0	71	xx
	Jacobabad	000	0	0	18	05	97	02	0	972	01	0	0	9	0	0	93	02
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	2	09	00	98	12	0	459	96	2	9	6	3	0	52	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **	xxx	x	1	30	06	98	03	0	050	72	1	4	8	0	0	32	77
	Skardu *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Misgar **	000	0	3	05	03	98	01	0	104	68	3	1	8	0	0	34	73
	Aliabad *																	
	Gilgit *	000	0	6	23	03	98	01	1	472	83	1	5	8	0	0	46	93
Rawalpindi	Murree *	000	9	7	39	09	97	02	1	457	71	5	5	3	0	8	62	75
Peshawar	Drosh *	000	0	1	23	09	99	01	0	420	92	1	1	7	0	0	47	95
	Cherat *	000	0	0	18	09	98	02	0	4 5	85	0	0	9	0	0	71	90
	Kakul *	000	0	1	16	09	98	01	1	454	81	0	2	6	0	0	64	65
	Landikotal *	000	0	2	13	03	00	03	0	426	08	2	5	7	0	0	67	xx
	Parachinar *	000	0	5	00	00	99	03	0	430	84	5	1	9	1	0	57	64
D. I. Khan	Miranshah *	000	0	8	05	31	97	03	2	458	90	8	4	8	0	0	66	94
	Wana *	000	0	5	31	03	98	01	1	513	86	5	1	9	0	0	36	95
Quetta	Fort Sandeman *	000	0	2	34	01	99	03	0	439	95	2	0	8	3	0	38	97
	Hindubagh *	000	0	0	25	14	96	00	0	408	90	0	0	9	0	0	39	92
	Loralai *	000	0	7	11	05	98	00	2	431	88	0	4	8	2	0	51	96
	Harnai *	000	1	3	31	05	97	03	5	425	95	3	8	5	0	1	62	97
	Quetta *	000	0	0	13	02	97	00	0	428	90	0	0	9	0	0	69	92
	Chaman *	000	0	0	27	07	98	00	0	419	87	0	0	9	0	0	39	98
	Nushki *	000	0	0	27	19	96	08	0	473	01	0	0	9	0	0	50	02
	Dalbandin *	000	0	3	31	03	96	03	0	447	04	3	4	7	0	0	33	07
Kalat	Kalat *	000	0	0	31	03	96	00	0	387	84	0	0	9	0	0	79	86
	Panjgur *	000	0	6	23	06	96	03	0	452	99	4	5	6	3	0	91	01
Afghanistan	Kabul *																	
	Kandhar *																	

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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	049	0	4	18	02	97	05	1	091	86	2	8	6	6	1	77	77	—	—	—	—	—	—
	Cox's Bazar	001	0	7	16	09	97	02	2	075	83	4	4	5	7	8	76	77	0	+ 1	89.4	+ 0.5	100.2	140
	Chittagong	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	+ 1					108
	Maijdee Court	000	9	8	13	02	96	02	2	081	xx	8	6	5	0	2	77	79	—	+ 1	65.9	+ 2.0	85.3	115
	Comilla	000	0	8	18	05	97	00	0	072	84	8	4	4	0	6	78	78		+ 2	45.4	— 3.2	57.3	94
	Brahmanbaria	005	0	6	13	05	97	03	1	081	83	6	5	5	0	0	77	78	—	—	36.7	0	54.4	78
	Sylhet	245	9	8	09	05	96	50	6	081	79	7	7	4	2	x	78	76	—	—	79.2	—	106.3	—
	Srimangal	020	3	2	00	00	96	02	5	082	81	2	0	4	0	0	76	77		+ 1	44.3	+ 0.7	90.7	99
Dacca	Mymensingh	012	2	8	13	07	97	02	6	088	80	8	5	4	x	x	77	77	0	— 1	43.2	— 2.2	58.2	91
	Narayanganj	003	2	7	13	05	97	03	6	075	85	6	4	2	3	0	79	79	—	0	33.1	— 2.5	50.4	74
	Dacca (Tejgaon)	006	0	7	13	03	97	02	6	069	81	4	8	4	5	1	77	79	—	—	41.9	—	44.4	—
	Faridpur	015	3	7	16	07	97	02	6	075	83	5	4	6	1	0	79	78	—	— 1	28.1	— 7.7	41.4	76
Khulna	Barisal	002	4	6	13	02	97	02	2	073	83	6	6	6	0	0	79	78	— 1	0	36.0	— 7.3	40.9	81
	Khulna	056	0	7	13	05	97	03	2	068	84	7	5	4	0	0	78	79		+ 1	29.7	— 8.0	37.9	68
	Satkhira	054	4	5	00	00	96	03	6	066	85	2	4	6	2	0	79	78		0	58.0	+ 3.7	45.2	65
	Jessore	076	8	8	00	00	96	03	6	064	79	8	7	5	x	x	78	77		—	28.6	— 4.7	38.3	65
Rajshahi	Pabna	009	5	4	13	05	98	01	6	072	84	4	5	7	0	0	81	78	—	—	33.3	—	51.6	59
	Sirajganj	016	3	8	00	00	97	02	5	070	80	8	7	5	0	0	77	76	— 2	— 3	30.1	— 2.6	48.1	64
	Bogra	000	2	7	11	02	96	06	0	070	84	5	7	4	2	0	77	80		+ 2	31.2	— 4.5	43.7	69
	Dinajpur	000	9	4	09	02	96	02	2	059	87	4	8	9	2	0	77	77	—	— 1	35.3	— 3.2	42.5	72
	Rangpur	000	0	3	13	03	96	03	0	069	84	2	2	6	1	0	77	79	— 1	+ 2	38.5	— 5.6	60.7	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	1	13	02	96	02	0	042	88	0	0	9	0	1	78	81	— 1	+ 3	7.3	— 4.1	13.7	19
	Sialkot	000	0	2	00	00	97	02	0	988	86	2	4	6	x	x	79	80	+ 2	+ 2	17.7	— 0.5	22.2	30
Rawalpindi	Jhelum	000	0	2	00	00	94	03	0	037	98	2	1	9	0	0	78	81	—	—	13.3	—	10.4	
	Rawalpindi	000	0	2	00	00	58	00	0	040	84	2	1	7	0	0	63	xx	+ 2	—	21.5	+ 3.6	30.1	36
	Campbellpur	000	0	0	07	02	98	00	0	973	83	0	0	9	0	0	74	83	—	—	8.6	—	16.9	—
Sargodha	Khushab	000	0	0	09	02	96	05	0	033	89	0	0	9	0	0	81	83	— 1	+ 2	1.1	— 7.4	6.1	13
	Lyallpur	000	0	0	13	02	95	04	0	039	87	0	0	9	0	0	76	82	— 1	+ 3	5.4	— 1.7	9.2	12
Multan	Montgomery	000	0	0	13	02	96	02	0	036	87	0	0	9	0	0	75	84	0	+ 3	6.3	+ 0.4	9.4	10
	Multan	000	0	3	18	02	98	02	0	030	86	0	0	9	0	0	75	84	+ 4	+ 2	0.3	— 3.9	2.0	7
	Leiah	000	0	0	18	02	97	00	0	017	88	0	0	9	0	0	77	74	—	—	—	—	—	8
Bahawalpur	Khanpur	000	0	0	23	03	95	05	0	035	84	0	0	9	0	0	74	80	— 1	— 1	3.3	— 1.1	4.3	6
	Bahawalpur	000	0	0	18	02	98	00	0	053	86	0	0	9	0	0	74	88	+ 2	+ 8	1.4	— 2.5	2.1	6
	Fort Abbas	000	0	0	20	02	98	00	0	048	87	0	0	9	0	0	73	83	—	—	0.6		0.9	8
Peshawar	Chakdara	000	0	0	36	02	97	00	0	034	77	0	0	9	0	0	66	71	—	—	6.0	—	19.2	—
	Peshawar	100	0	0	36	03	97	02	0	041	83	0	0	9	0	0	74	78	— 1	+ 1	1.5	— 1.9	8.1	11
	Haripur	000	4	5	36	02	96	03	2	039	82	5	0	8	3	0	70	74	—	—	16.9	—	23.5	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	009	89	0	0	9	0	0	73	79	—	—	1.9	—	4.9	11
	D. I. Khan	010	0	0	00	00	98	00	0	xxx	xx	0	0	9	0	0	74	79	0	—	1.6	— 2.9	4.4	9
Quetta	Sibi	000	0	0	05	02	98	00	0	023	91	0	0	9	0	0	74	87	—	—	2.6	—	3.7	8
Kalat	Nokkundi	000	0	0	31	09	97	01	1	022	92	0	0	9	0	0	30	82	—	—	8	—	0.1	3
	Turbat	000	0	0	27	01	97	00	0	056	82	0	0	9	0	0	73	xx	—	—	1.8	—	4.4	—
	Jiwani	000	0	4	23	07	97	01	1	064	80	4	6	4	0	0	73	78	—	—	1.2	—	1.9	5
	Pasni	400	3	8	07	04	97	03	4	021	79	8	4	7	0	0	78	78	+ 3	+ 3	0	— 0.9	0.3	6
Karachi Division	Ormara	010	0	1	27	09	94	03	1	057	81	1	1	6	0	0	77	78	—	—	0.1	— 0.7	7.8	6
	Lasbela	000	0	3	09	01	97	03	0	055	84	3	0	8	4	0	78	75	—	—	0	—	0	8
	Karachi (Manora)	000	0	0	27	12	96	02	0	052	79	0	0	9	0	0	73	77	— 1	— 1	3.7	— 1.7	3.7	8
	Karachi (Airport)	400	0	3	27	17	96	03	1	054	81	8	5	5	3	0	75	80	—		4.9		4.9	—
Hyderabad	Nagarparkar	000	0	3	27	01	97	00	0	055	81	0	0	7	0	3	72	65	—	—	6.4	—	6.4	—
	Umerkot	000	0	0	20	03	97	02	0	046	80	0	0	7	0	0	74	79	—	—	5.3	—	5.4	—
	Hyderabad	000	0	0	23	05	97	02	0	035	81	0	0	9	0	0	73	79	0	0	4.3	— 0.9	6.1	7
	Badin	000	0	0	23	05	97	00	0	063	80	0	0	9	0	0	73	78	—	—	3.5	— 2.4	4.1	9
Khairpur	Padidan	000	0	0	13	07	98	02	0	033	82	0	0	9	0	0	73	78	—	—	2.2	—	2.8	—
	Nawabshah	000	0	0	18	02	96	02	0	037	82	0	0	9	0	0	73	77	—	—	2.7	—	3.1	—
	Sukkur	000	0	0	16	03	97	02	0	029	83	0	0	9	0	0	73	80	—	—	2.5	—	2.5	4
	Kashmore	000	0	0	00	00	99	00	0	968	84	0	0	9	0	0	67	78	—	—	0.5		0.5	—
	Jacobabad	000	0	0	13	07	96	02	0	031	66	0	0	9	0	0	82	83	— 1	+ 2	1.0	— 1.1	1.9	4
Junagadh	Veraval																							30
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *	000	0	0	05	03	97	02	0	431	70	0	0	9	0	0	41	58	—	—				6
	Misgar **	006	0	1	05	03	98	01	0	053	60	3	0	9	4	0	35	49		—				—
	Aliabad *																		—					—
	Gilgit *	000	0	0	00	00	99	00	0	521	79	0	0	9	0	0	54	72	—	—				8
Rawalpindi	Murree *	000	9	4	05	02	97	01	1	485	66	4	5	3	0	0	60	58	+ 5	2	33.3	— 4.7	48.6	30
Peshawar	Drosh *	000	0	0	08	00	99	02	0	478	75	0	0	9	0	0	54	69	+ 1	— 2	4.4	—	18.3	18
	Cherat *	000	0	0	18	03	98	02	0	393	79	0	0	9	0	0	65	62	+ 4	— 7	9.0	+ 0.1	23.1	29
	Kakul *	000	3	1	23	02	97	01	1	481	77	1	4	6	0	0	66	69	—	—	23.7	—	39.2	—
	Landikotal *	000	0	0	00	00	98	00	0	460	81	0	0	9	0	0	68	71	xx	—	1.8	—	17.9	—
	Parachinar *	085	0	0	08	0	99	00	0	483	66	0	0	9	0	0	57	62	— 1	— 2	9.3	—	23.8	25
D. I. Khan	Miranshah *	000	0	0	00	00	59	00	0	458	80	0	0	9	0	0	67	79	—	—	0.6	— 3.1	2.4	13
	Wana *	000	0	0	00	00	99	00	0	517	72	0	0	9	0	0	47	64	—	—	4.2	—	12.5	11
Quetta	Fort Sandeman *	000	0	0	00	00	59	01	0	481	78	0	0	9	0	0	60	73	0	0	4.2	— 0.1	9.0	11
	Hindubagh *	000	0	0	27	03	97	00	0	452	77	0	0	9	0	0	53	62	—	—	0.8	—	4.0	—
	Loralai *	000	0	0	27	02	99	00	0	404	76	0	0	9	0	0	62	66	—	—	1.1	—	4.6	9
	Harnai *	000	0	0	00	00	97	00	0	451	83	0	0	9	0	0	67	80	—	—	3.9	— 2.1	7.2	14
	Quetta *	000	0	0	00	00	56	00	0	465	72	0	0	9	0	0	58	65	—	—	0.1	— 0.9	4.3	9
	Chaman *	000	0	0	13	05	98	00	0	463	86	0	0	9	0	0	36	74	+ 1	+ 4	0	— 0.1	1.3	6
	Nushki *	000	0	0	09	09	98	02	0	478	87	0	0	9	0	0	59	82	—	—	0	—	1.6	—
	Dalbandin *	000	9	0	00	00	96	02	0	454	75	0	0	9	0	0	33	71	+ 2	+ 2	0	— 0.2	1.1	4
Kalat	Kalat *	000	0	0	18	03	98	00	0	475	73	0	0	9	0	0	69	61	— 2	+ 5	0.2	+ 0.1	2.1	7
	Panjgur *	000	0	0	00	08	97	02	0	462	96	0	0	9	0	0	67	71	+ 3	+ 1	0.3	—	1.3	5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhCLhCMCH	DsVs a PP	8 NsChshs	0TsTsTdTd	Idwdw PwHw
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
President Monroe	52 202	605 00	8 20 20	99 0 22	218 77	88 4 xx	85 6 02	—	05 2 76	12 0 33
State of Bombay	52 116	615 00	1 18 05	98 0 20	105 82	12 5 00	14 2 10	—	00 2 76	11 8 22
Mozafferi	53 165	567 00	4 23 16	99 8 21	062 77	44 1 00	62 5 05	—	08 5 73	12 3 33
Alfred Fraissinet	53 206	593 00	8 20 17	98 0 22	089 79	85 5 xx	53 3 14	—	00 1 73	12 0 22
Alfred Fraissinet	53 205	593 06	7 20 14	98 0 22	098 84	75 5 xx	52 2 09	—	00 3 73	12 0 22
Isanda	59 208	592 06	8 21 12	97 0 22	083 77	85 6 xx	45 1 20	—	30 7 73	12 1 21
Caltex Naples	53 155	537 06	8 20 13	97 0 22	100 76	88 3 xx		—	03 1 72	12 0 21
Vallicia	53 264	558 06	0 07 03	97 0 20	050 89	00 9 00	26 2 23	—	00 7 83	10 7 11
President Monroe	53 194	593 06	8 22 23	98 0 22	095 79	85 4 xx	85 1 10	—	00 0 74	12 2 24
Venassak	53 249	579 06	4 12 35	98 0 22	064 86	41 4 00	35 1 05	—	05 2 79	11 3 23
Socotra	53 125	505 12	0 17 05	96 0 50	052 85	00 9 00	15 7 10	—	00 3 83	11 7 20
Isanda	53 196	584 12	6 17 15	97 8 12	045 76	65 6 xx	55 6 15	—	00 4 70	11 7 21
Ariane	53 265	527 12	8 09 08	97 0 22	015 96	03 9 07	25 4 00	—	08 2 85	10 9 x0
Hermenlos	53 14x	511 12	0 07 03	97 0 00	020 86	00 9 00	16 7 05	—	00 9 81	11 7 20
Caltex Naples	53 148	517 12	0 15 07	97 8 21	067 79	00 9 00	—	—	00 0 73	11 5 20
Laarderkerk	53 154	522 12	0 15 03	97 0 21	035 79	00 9 00	55 7 17	—	00 3 73	11 5 22
Alfred Fraissinet	53 201	591 12	7 20 15	98 0 22	070 79	75 5 4x	52 7 12	—	05 1 70	12 0 22
Velletia	53 258	574 12	0 16 06	98 0 20	029 xx	00 9 00	35 7 13	—	00 1 80	11 5 22
Utrecht	53 214	669 12	6 27 17	97 2 52	064 81	47 4 48	76 6 15	—	05 0 76	12 7 22
BAY OF BENGAL										
Andamans	51 201	904 00	6 23 09	97 0 22	051 81	27 2 8x	33 5 0	—	00 0 79	12 3 33
Indian Splendour	53 181	853 06	8 18 05	97 0 11	039 82	84 4 6x	—	—	—	—

UPPER AIR DATA

At surface and Standard Isobaric Levels (Surface: PPPTTTTdTdTd; 1000 mb – 400 mb: HHHTTTTdTdTd; 300 mb – 100 mb: HHHTTT)

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
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	942 234 222	—	—	140 162 158	—	308 095 903	435 038 005	581 596 560	781 646 692	947 785	—	—	—
[illegible] ...														
Karachi ...	00 00	901 255 332	032 242 205	—	142 215 075	—	310 108 992	435 008 995	580 598 658	782 646 [illegible]	963 795	246 908	—	—
Lahore ...	00 00	979 310 250	020 xxxxxx	—	142 272 202	—	313 130 990	441 080 950	589 018 998	766 565 998	—	—	—	—
Multan ...														
Peshawar ...	00 00	960 265 232	—	—	140 228 995	—	309 172 998	439 105 995	588 027 992	766 562 995	—	—	—	—
Quetta ...	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—	—

At Significant Levels (PPPTTTTdTdTd)

STATION	Time of ascent in G.M.T.	18	19	20	21	22	23	24	25	26	Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	004 268 255	900 192 188	800 145 142	568 002 515	350 712 735	250 875 915	010 450 330	—	—	010 450 330	—	[illegible]
[illegible] ...													
Karachi ...	00 00	900 325 192	800 205 045	—	—	—	—	—	—	—	800 205 045	—	[illegible]
Lahore ...	00 00	900 255 225	800 190 990	—	—	—	—	—	—	—	800 190 990	—	[illegible]
Multan ...													
Peshawar ...	00 00	900 242 998	800 215 995	—	—	—	—	—	—	—	800 215 995	—	[illegible]
Quetta ...	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	[illegible]

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

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

UPPER WIND DATA*

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

Height in kms. a.s.l. → STATION	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
1	2	3	4	5	6	7	8	9	10
Bogra ...	12 10	13 44	18 16	13 02	13 14	11 15	16 06	12 12	11 08
Chaklala ...	—	25 46	26 03	26 05	22 09	31 11	29 07	31 10	33 15
Badin ...	22 43	23 13	06 06	36 07	36 09	35 09	35 10	32 04	31 03
Chittagong ...	19 27	19 25	10 23	18 17	17 15	15 18	—	—	—
Cox's Bazar ...	18 20	19 19	18 17	—	—	—	—	—	—
Dacca ...	15 15	15 20	15 21	15 19	15 20	16 15	—	—	—
Dalbandin ...	—	—	33 05	32 09	33 16	35 18	25 12	—	—
D. I. Khan ...	—	—	—	—	23 20	19 09	18 05	09 03	01 07
Drosh ...	—	—	—						
Fort Sandeman ...				35 01	33 01	21 01	29 11	—	—
Jacobabad ...	16 09	17 11	17 09	07 04	05 05	33 07	34 17	30 17	30 23
Jessore ...	—	—	—	—					
Jhelum ...	22 06	24 06	25 06	35 08	34 09	32 09	33 10	01 10	34 07
Jiwani ...	18 15	18 12	—	—	—	—	—	—	—
Karachi ...	25 19	26 21	27 21	—	—	—	—	—	—
Khanpur ...	21 05	20 06	18 07	16 09	03 03	31 08	31 10	33 19	33 15
Lahore ...	31 03	29 03	28 02	31 04	35 06	33 12	33 10	35 10	01 13
Multan ...	20 05	19 06	18 04	28 04	33 03	34 07	33 16	33 17	29 20
Muscat ...	—	—	—	—	—	—	—	—	—
Panjgur ...	—	—	—	26 03	35 03	—	—	—	—
Peshawar ...	—	04 10	07 08	18 13	30 14	29 08	32 12	34 18	34 34
Quetta ...	—	—	—	—	26 23	26 10	29 10	27 12	28 19
Sharjah ...	—	—	—	—	—	—	—	—	—
Sylhet ...	06 04	15 04	14 05	—	—	—	—	—	—
[illegible] ...	—	—	—	—	—	—	—	—	—

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 ...	13 14	13 14	13 13	15 15		
Chaklala ...	—	08 08	14 05	24 06	27 03	36 05
Badin ...	23 12	24 14	—	—	—	—
Chittagong ...	16 11	16 13	17 13	—	—	—
Cox's Bazar ...	16 13	16 10	18 10	—	—	—
Dacca ...	18 10	19 19	—	—	—	—
Dalbandin ...	—	—	01 03	34 07	36 11	30 05
D. I. Khan ...	—	—	—	22 05	23 05	25 05
Drosh ...	—	—	—			
Fort Sandeman ...				23 03	28 06	30 14
Jacobabad ...	21 09	22 02	32 05	30 10	27 09	32 14
Jessore ...	18 11	19 13	19 13	19 13	—	—
Jhelum ...	21 08	22 03	24 04	—	—	—
Jiwani ...	—	—	—	—	—	—
Karachi ...	—	—	—	—	—	—
Khanpur ...	20 15	20 23	22 31	24 25	—	—
Lahore ...	15 06	17 03	23 02	28 05	29 01	36 17
Multan ...	20 15	22 15	22 08	24 06	33 07	34 07
Muscat ...	—	—	—	—	—	—
Panjgur ...	—	—	—	—	—	—
Peshawar ...	—	14 03	14 02	09 01	15 02	15 05
Quetta ...	—	—	—	—	32 03	30 04
Sharjah ...	—	—	—	—	—	—
Sylhet ...	No	Ascent	—	—	—	—
[illegible] ...	—	—	—	—	—	—

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 ...	14 12	—	—	—	—	—	—	—	—	—	—
Chaklala ...	—	12 03	08 03	28 06	20 05	13 05	—	—	—	—	—
Badin ...	21 18	21 15	—	—	—	—	—	—	—	—	—
Chittagong ...	18 09	18 07	15 09	13 10	34 07	19 07	12 06	16 10	15 18	[illegible]	—
Cox's Bazar ...	14 13	14 09	16 16	18 09	—	—	—	—	—	—	—
Dacca ...	—	—	—	—	—	—	—	—	—	—	—
Dalbandin ...	—	—	24 11	28 11	29 07	30 11	34 24	33 25	31 19	[illegible]	—
D. I. Khan ...	—	—	—	—	18 01	06 04	36 09	35 15	34 22	[illegible]	31 33
Drosh ...	—	—	—	—							
Fort Sandeman ...				06 01	07 04	35 11	04 10	05 10	10 07	[illegible]	
Jacobabad ...	14 07	15 06	16 05	14 02	29 07	32 16	33 15	08 02	24 04	[illegible]	32 05
Jessore ...	14 13	15 10	17 09								
Jhelum ...	47 01	21 08	23 02	33 05	30 18	31 06	11 08	12 05	23 08	[illegible]	21 11
Jiwani ...	18 12	18 10	—	—	—	—	—	—	—	—	—
Karachi ...	28 17	28 10	—	—	—	—	—	—	—	—	—
Khanpur ...	20 10	20 09	11 05	16 07	16 05	36 05	01 12	01 17	01 16	[illegible]	34 13
Lahore ...	47 01	15 08	10 03	06 03	01 08	05 07	36 08	29 05	27 03	[illegible]	35 06
Multan ...	20 04	18 07	18 09	20 08	21 01	02 06	02 08	01 03	20 07	[illegible]	—
Muscat ...	—	—	—	—	—	—	—	—	—	—	—
Panjgur ...	—	—	—	35 13	36 13	35 13	36 07	31 02	30 09	[illegible]	—
Peshawar ...	—	08 08	04 03	33 02	23 06	30 09	32 07	34 10	34 10	[illegible]	33 26
Quetta ...	—	—	—	—	23 40	33 19	33 12	07 14	12 15	[illegible]	21 19
Sharjah ...	—	—	—	—	—	—	—	—	—	—	—
Sylhet ...	—	—	—	—	—	—	—	—	—	—	—
[illegible] ...	—	—	—	—	—	—	—	—	—	—	—

† 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 ...	16 14	18 13	10 13	18 14	18 13	14 12	12 12	12 13	13 11	11 12	07 25	07 27	07 36	—	—	—	—	—
Karachi ...	28 28	22 33	30 24	31 15	33 08	34 04	02 11	44 10	06 12	19 10	14 10	32 12	12 25	—	—	—	—	—
Peshawar ...	—	04 03	22 02	09 01	35 34	33 18	01 09	01 12	36 07	28 19	24 24	25 19	25 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.

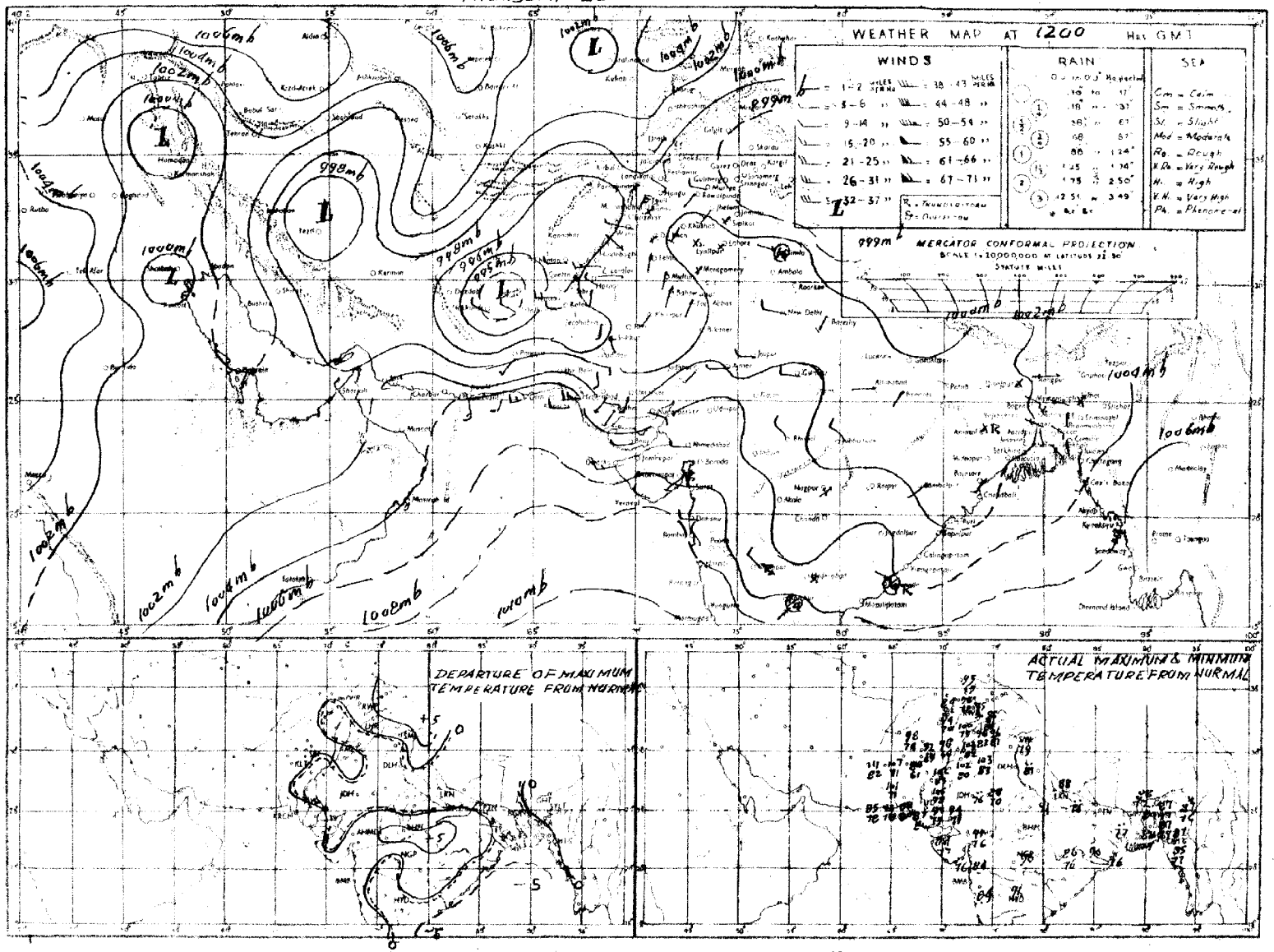
Cloud observation Data (GGiii Cdd VrVr etc.)

11 712 63 418

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

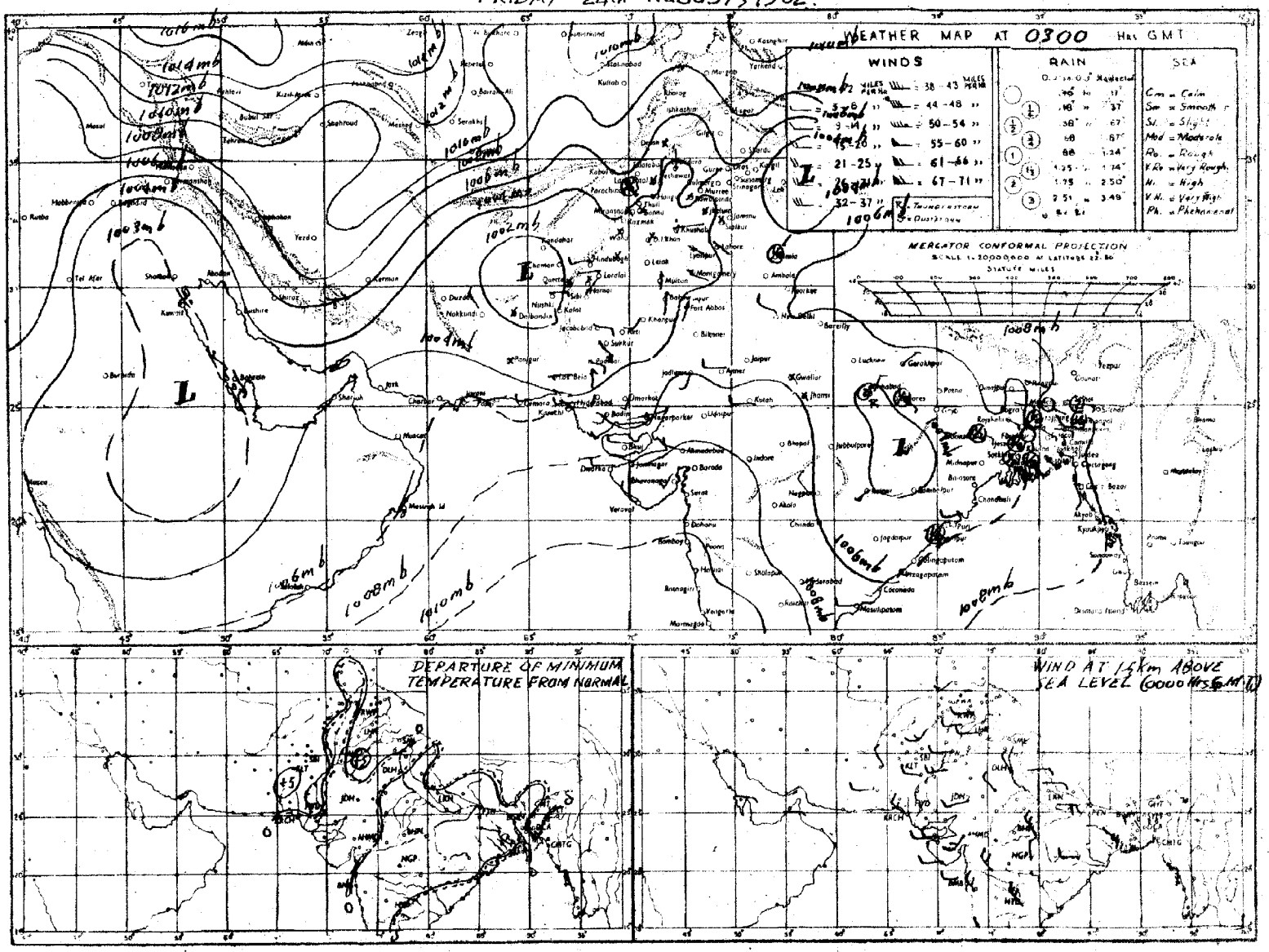
THURSDAY 23rd AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 24th AUGUST, 1962.



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. 16

SATURDAY THE 25th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's well marked low pressure area to-day lies over Vindhya Pradesh and neighbourhood.

A trough of low pressure has developed over northwest and adjoining west central Bay of Bengal.

Rainfall has been local in Chittagong division and scattered in Khulna and Rajshahi divisions.

The westerly low pressure wave north of Kashmir and its associated trough over Rawalpindi division have moved away eastwards after causing a few thunderstorms in Rawalpindi division.

Another westerly low pressure wave is moving across Peshawar division and adjoining areas.

Chief amounts of rainfall are :—Satkhira 1½"; Cox's Bazar 1/2" and Chittagong 1/4".

Day temperatures were generally 2—4 °F (1—2 °C) above normal over West Pakistan outside Khairpur and Hyderabad divisions.

Forecast valid until the evening of 26th August, 1962 :—Fairly widespread rain/thundershowers will occur in Dacca and Chittagong divisions and local elsewhere over East Pakistan. Local thunderstorm/showers are also likely to occur in Rawalpindi and Lahore divisions and in Kashmir and scattered in Peshawar, Sargodha and Multan divisions.

Karachi-11
The 25th August, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	000	0	6	18	02	97	05	2	055	64	3	2		5	0	78	89
	Cox's Bazar	000	0	7	18	13	97	01	2	046	83	5	4	5	7	n	77	86
	Chittagong	000	0	5	20	05	97	03	2	043	82	3	3	6	2	0	76	87
	Maijdee Court	000	9	8	18	02	96	02	2	049	84	3	2	5	2	2	78	87
	Comilla	000	0	8	18	05	96	02	2	012	86	3	4	5	x	x	77	90
	Brahmanbaria	000	0	4	05	02	97	03	1	045	85	5	4	5	0	0	79	87
	Sylhet	001	9	7	00	00	96	07	2	047	82	3	5	6	5	2	78	84
	Srimangal	0r0	0	0	00	00	96	00	0	048	93	0	0	9	0	0	79	86
Dacca	Mymensingh	000	0	2	xx	02	97	02	1	051	85	2	2	4	0	0	78	86
	Narayanganj	000	9	7	16	02	96	03	4	048	85	5	4	2	9	0	77	89
	Dacca (Tezgaon)	000	9	7	13	02	97	02	2	037	85	3	9	5	2	3	79	87
	Faridpur	003	3	7	16	03	96	02	6	031	82	6	4	6	1	0	89	86
Khulna	Barisal	000	0	6	27	02	96	02	2	041	85	6	6	9	0	0	78	88
	Khulna	000	0	6	00	00	97	01	2	040	83	6	4	5	0	0	80	89
	Satkhira	137	3	7	00	00	96	03	6	044	81	4	4	2	0	0	80	91
	Jessore	008	3	6	18	02	96	03	6	047	87	6		5	0	0	30	88
Rajshahi	Pabna	000	0	4	13	05	98	01	2	035	86	1	2	7	0	2	77	89
	Sirajganj	000	0	1	00	00	98	02	1	048	83	1	1	0	9	0	78	85
	Bogra	000	8	5	00	00	98	02	6	038	85	4	4	5	1	0	79	86
	Dinajpur	008	0	5	09	02	96	01	1	037	86	2	0	9	4	9	77	89
	Rangpur	000	0	3	13	02	96	01	1	042	85	1	2	6	1	0	77	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	4	2	00	00	96	02	1	010	98	3	1	7	0	0	75	99
	Sialkot	000	0	0	00	00	97	00	0	001	97	0	0	9	0	0	79	98
Rawalpindi	Jhelum	000	0	1	23	03	97	02	0	002	98	1	1	7	0	0	78	99
	Rawalpindi	000	0	1	00	00	98	05	0	C00	95	1	0	9	0	1	73	95
	Campbellpur	000	0	0	11	02	98	00	0	956	98	0	0	9	0	0	76	99
Sargodha	Khushab	000	0	0	C0	01	98	C5	4	C09	00	0	0	9	0	0	xx	01
	Lyallpur	000	0	1	00	00	97	02	0	C15	C0	0	0	9	1	0	73	C0
Multan	Montgomery	000	0	0	C0	00	96	02	0	014	01	0	C	9	0	0	75	02
	Multan	000	0	1	18	02	98	02	0	001	02	1	1	6	0	0	70	04
	Lalah	000	0	0	02	03	97	00	0	950	99	0	0	9	0	G	71	04
Bahawalpur	Khanpur	000	0	0	23	03	96	02	0	001	02	0	0	9	0	0	72	04
	Bahawalpur	000	0	0	18	01	98	00	0	xxx	02	0	0	9	0	0	71	05
	Fort Abbas	000	0	0	23	02	98	00	0	997	06	0	0	9	0	0	69	06
Peshawar	Chakdara	000	0	0	18	01	97	00	0	970	94	0	0	9	0	0	73	95
	Peshawar	000	0	1	05	03	97	01	0	996	96	1	1	6	0	0	75	98
	Haripur	000	0	0	36	01	97	00	0	001	94	0	0	9	0	0	71	xx
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	993	00	0	0	9	0	0	68	02
	D. I. Khan	000	0	0	00	00	98	00	0	599	01	0	0	9	0	0	76	02
Quetta	Sibi	000	0	0	18	02	98	00	0	990	[illegible]	0	0	9	0	0	66	10
Kalat	Nokkundi	000	3	6	36	13	97	01	2	977	05	6	0	9	4	0	26	08
	Turbat	000	0	0	23	03	98	00	0	010	02	0	0	9	0	0	75	03
	Jiwani	000	0	3	18	14	97	01	2	039	83	3	6	4	0	0	73	85
	Pasni	000	8	0	23	09	95	02	1	980	81	0	0	5	0	0	74	93
Karachi Division	Ormara	000	0	1	27	14	94	03	1	033	84	1	1	6	0	0	77	88
	Lasbela	000	0	3	36	00	98	03	0	860	97	3	0	9	3	0	85	02
	Karachi (Manora)	000	0	3	27	14	96	01	1	033	86	3	6	4	0	0	78	89
	Karachi (Airport)	000	0	6	27	16	96	03	2	036	84	6	6	5	0	0	77	87
Hyderabad	Nagarparkar	000	0	3	13	02	97	00	0	021	93	0	3	7	0	0	73	92
	Umerkot	000	0	3	23	03	98	02	0	019	94	3	2	7	0	0	75	96
	Hyderabad	000	0	0	23	05	97	07	0	013	97	0	0	9	0	0	70	10
	Badin	000	0	0	23	05	97	00	0	046	91	0	0	9	0	0	74	94
Khairpur	Padidan	000	0	0	13	07	98	02	0	002	04	0	0	9	0	0	64	05
	Nawabshah	000	0	0	13	02	46	02	0	013	03	0	0	9	0	0	63	xx
	Sukkur	000	0	0	09	00	97	02	0	999	05	0	0	9	0	0	74	05
	Kashmore	000	0	0	00	00	99	01	0	991	02	0	0	9	0	0	70	03
	Jacobabad	000	0	0	13	05	97	02	0	002	01	0	0	9	0	0	93	03
Junagadh	Veraval	xxx	x	6	27	14	96	01	6	069	81	5	4	6	3	0	70	xx
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gulmarg **																	
	Sonamarg **																	
	Dras **	xxx	x	1	18	10	99	03	0	058	73	0	0	9	3	0	53	79
	Leh *	000	0	2	23	03	97	12	0	341	81	2	3	6	0	0	41	69
	Skardu **	003	0	1	13	08	98	01	0	104	75	0	9	9	4	0	35	68
	Misgar *																	
	Aliabad *																	
	Gilgit *	000	0	0	00	00	99	00	0	483	83	0	0	9	0	0	65	xx
Rawalpindi	Murree *	060	5	8	29	02	96	03	1	466	70	8	5	2	x	x	79	72
Peshawar	Drosh *	000	0	0	23	10	99	02	0	437	96	0	0	9	0	0	46	98
	Cherat *	000	0	0	13	03	98	02	0	417	87	0	0	9	0	0	71	90
	Kakul *	000	0	2	13	03	97	01	1	464	83	2	4	6	0	0	67	88
	Landikotal *	000	0	1	13	03	98	03	0	447	90	0	0	9	0	9	69	92
	Parachinar *	000	0	9	13	02	99	03	0	479	83	5	1	9	1	8	54	84
D. I. Khan	Miranshah *	000	0	0	06	06	99	03	0	478	83	5	1	9	1	0	54	84
	Wana *	000	0	6	31	02	99	01	1	513	89	6	1	9	0	0	55	92
Quetta	Fort Sandeman *	000	0	1	11	03	99	01	0	457	93	1	0	8	3	0	49	99
	Hindubagh *	000	0	3	27	02	97	00	0	409	92	0	0	9	0	8	66	94
	Loralai *	000	0	5	16	03	99	00	1	431	92	0	0	9	1	2	59	95
	Harnai *	000	0	5	23	05	97	03	0	441	96	4	8	5	3	0	61	99
	Quetta *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chaman *	000	0	0	23	05	98	00	0	432	59	0	0	9	0	0	40	00
	Nushki *	000	0	0	16	05	98	02	0	469	02	0	0	9	0	0	55	04
	Dalbandin *	000	4	1	31	09	97	03	0	454	07	1	1	8	0	0	16	09
Kalat	Kalat *	000	0	0	23	03	96	00	0	438	85	0	0	9	0	0	82	86
	Panjgur *	000	0	4	31	03	96	03	0	454	90	4	5	7	0	0	38	05
Afghanistan	Kabul *																	
	Kandhar *																	

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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						
Cox's Bazar	065	6	8	13	02	97	51	6	r86	78	5	4	5	2	x	76	76	+ 1	0	90.1	+ 0.3	100.8	140
Chittagong	030	5	8	13	02	97	61	6	085	79	8	7	5	x	x	78	77	+ 1	+ 1	64.6	+ 3.1	78.1	108
Maijdee Court	010	3	8	13	05	96	03	6	091	79	6	5	5	2	x	76	76	+ 2	— 2	65.9	+ 1.3	85.5	115
Comilla																		+ 3					94
Brahmanbaria	010	0	6	19	03	97	03	1	086	81	6	4	5	0	0	77	80	—	—	36.8	— 0.2	54.5	78
Sylhet	001	0	7	18	02	96	01	3	084	82	3	8	5	9	0	78	77	—	—	79.3	—	106.3	—
Srimangal	—	—	...	—	—	...	...	...	...	...	...	...	...	..		...	—	— 4					98
Mymensingh	000	0	8	13	02	97	02	1	089	84	8	7	4	x	x	78	78	— 1	0	43.2	— 2.8	59.2	91
Narayanganj	000	9	8	13	05	97	02	2	064	85	6	4	3	7	x	79	81	+ 1	+ 2	33.1	— 2.9	50.4	74
Dacca (Tezgaon)	000	6	7	13	05	97	61	6	078	83	4	4	4	7	0	78	80	—		41.9	—	46.8	—
Faridpur	003	0	8	16	02	97	02	2	052	84	6	5	6	1	0	80	81	— 1	+ 2	28.1	— 7.5	41.4	71
Barisal	002	4	8	13	02	96	51	5	087	82	8	7	6	0	0	79	80	+ 1	+ 2	36.0	— 7.7	48.9	81
Khulna	000	0	7	13	05	97	03	2	079	83	7	5	5	0	0	79	79	+ 1	+ 1	29.7	— 8.5	37.3	68
Satkhira	137	9	8	00	00	96	03	6	081	92	4	4	4	2	0	80	78	+ 3	0	39.4	+ 4.3	46.6	65
Jessore	005	9	8	09	05	97	03	6	080	83	8	7	5	x	x	79	78	—	—	28.7	— 4.9	38.4	65
Pabna	00	0	6	13	05	98	03	2	073	87	1	1	7	5	0	79	79	—	—	33.3	—	51.8	59
Sirajganj	010	5	6	00	00	97	02	2	083	82	6	0	9	3	0	79	77	— 2	— 2	30.3	— 2.9	43.2	64
Bogra	000	9	7	00	00	96	02	6	078	83	6	4	5	2	x	78	80	0	+ 2	31.2	— 5.1	43.7	69
Dinajpur	008	9	6	00	00	96	02	2	087	85	6	0	9	2	0	78	78	0	0	35.4	— 3.5	42.6	72
Rangpur	0?0	0	4	11	02	96	01	2	006	84	4	0	9	2	0	78	80	0	+ 3	38.5	—	60.7	84
Jammu																							—
Lahore (Jail Rd.)	000	0	1	18	02	96	02	0	041	87	1	1	7	0	0	77	82	+ 2	+ 4	7.3	— 4.3	13.7	19
Sialkot	000	0	3	00	00	97	03	0	047	87	3	2	6	x	x	76	82	+ 4	+ 4	17.7	— 0.8	22.2	33
Jhelum	000	0	5	13	03	97	03	0	041	87	3	8	7	4	0	77	83	—	—	13.3	—	19.4	
Rawalpindi	000	0	0	09	02	95	05	1	038	87	0	0	9	0	0	77	80	+ 2	+ 5	21.5	+ 3.3	28.1	36
Campbellpur	000	0	1	09	01	97	0)	0	968	85	0	1	8	0	1	75	85	—	—	8.6		16.9	—
Khushab	000	0	0	00	00	96	05	0	033	89	0	0	9	0	0	81	83	— 2	+ [illegible]	[illegible]	— 7.5	6.1	15
Lyallpur	000	0	0	13	02	96	00	0	039	87	0	0	9	0	0	75	84	— 3	+ 5	5.4	— 1.8	9.2	13
Montgomery	000	0	0	20	02	96	02	0	035	89	0	0	9	0	0	78	84	+ 2	+ 3	6.3	+ 0.4	9.4	10
Multan	000	0	0	13	03	98	02	0	033	88	0	0	9	0	0	75	85	+ 6	+ 3	0.3	— 4.0	2.0	7
Lalah	000	0	0	27	01	97	00	0	010	89	0	0	9	0	0	73	74	—	—	1.7	—	3.5	8
Khanpur	000	1	0	23	05	95	05	0	041	85	0	0	9	0	0	75	82	+ 1	+ 1	3.3	— 1.2	4.3	6
Bahawalpur	000	0	0	23	07	98	00	0	xxx	xx	0	0	9	0	0	75	88	+ 5	+ 8	1.4	— 2.6	2.1	6
Fort Abbas	000	0	0	23	01	98	00	0	039	89	0	0	9	0	0	73	85	—	—	0.6	—	0.9	8
Chakdara	000	0	0	36	02	97	00	0	024	82	0	0	9	0	0	70	75	—	—	6.0	—	15.2	—
Peshawar	000	0	0	00	00	96	06	0	036	85	0	0	9	0	0	75	82	+ 1	+ 5	1.5	— 1.9	8.1	11
Haripur	000	3	3	05	02	96	03	1	035	85	3	1	6	0	0	74	77	—	—	16.9	—	23.5	—
Bannu	000	0	0	00	00	99	00	0	025	96	0	0	9	0	0	74	86	—	—	1.9	—	4.9	11
D. I. Khan	000	0	0	00	00	98	00	0	032	87	0	0	9	0	0	75	82	+ 2	+ 1	1.6	— 3.0	4.4	9
Sibi	000	0	0	05	02	98	00	0	033	90	0	0	9	0	0	76	87	—	—	2.6	—	3.7	5
Nokkundi	000	0	0	34	19	97	07	0	034	86	0	0	9	0	0	39	83	—	—	0	—	0.1	2
Turbat	000	0	0	27	01	97	00	0	056	83	0	0	9	0	0	74	xx	—	—	1.8		4.6	—
Jiwani	000	0	7	20	09	97	02	2	066	80	7	6	4	0	0	74	79	—	—	1.2		1.9	5
Pasni	000	3	9	05	14	96	04	1	014	81	8	4	7	0	0	78	81	+ 4	+ 6	0	— 0.9	0.2	6
Ormara	000	0	2	27	07	99	03	2	057	82	2	1	6	0	0	78	79	—	—	0.1	— 0.7	2.0	6
Lasbela	000	0	3	09	01	97	03	0	949	84	3	0	8	3	0	81	xx	—	—	0	—	0	8
Karachi (Manora)	000	0	8	27	10	96	02	2	056	80	0	0	9	3	0	74	77	+ 4	— 1	3.7	— 1.7	3.7	8
Karachi (Airport)	000	0	3	27	14	96	01	4	060	81	3	6	5	0	0	74	77	—	—	4.9	—	4.9	—
Nagarparkar	000	0	3	00	00	97	00	0	057	81	0	0	7	0	3	74	70	—	—	6.4	—	6.4	—
Umerkot	000	0	3	20	04	97	02	0	053	81	3	2	7	0	0	75	79	—	—	8.3	—	5.4	—
Hyderabad	000	0	0	23	05	97	02	0	047	81	0	0	9	0	0	73	79	+ 15	0	4.3	— 0.9	5.1	7
Badin	000	0	0	23	02	97	03	0	065	81	0	0	9	0	0	74	78	—	—	3.5	— 2.2	4.1	9
Padidan	000	0	0	13	07	98	02	0	044	82	0	0	9	0	0	73	79	—	—	2.2	—	2.8	—
Nawabshah	000	0	0	18	05	96	07	0	053	81	0	0	9	0	0	74	77	—	—	3.7	—	3.1	—
Sukkur	000	0	0	23	05	97	02	0	043	84	0	0	9	0	0	74	80	—	—	2.5	—	2.5	4
Kashmore	000	0	0	00	03	99	03	0	977	84	0	0	9	0	0	69	77	—	—	0.5	—	0.5	—
Jacobabad	000	0	0	18	05	97	02	0	040	84	0	0	9	0	0	83	82	0	+ 1	1.0	— 1.1	1.9	4
Veraval	—	—	...	—	—	—	—	...	—		—	...	—	—	—	—	—	—					20
Jalalabad																							
Muscat																							4
Kuwait																							5
Srinagar	xxx	x	1	36	02	97	02	0	467	73	1	0	9	3	0	57	60						26
Gulmarg																							—
Sonamarg																							71
Dras	...	...	—	...	—		...	...	...	..	...		..	—	...	...	...	—					26
Leh																		—					3
Skardu	000	0	1	05	02	98	01	0	165	62	0	0	9	4	0	35	49	—	—				6
Misgar																							—
Aliabad																							—
Gilgit	000	0	0	C0	00	99	C0	0	5?6	80	0	0	9	0	0	55	65	—	—				5
Murree	000	2	8	29	06	96	03	4	488	65	8	5	2	x	x	63	60	+ 2	+ 4	23.3	— 5.1	41.6	59
Drosh	000	0	0	00	00	99	02	0	489	77	0	0	9	0	0	59	74	+ 4	— 3	4.4	—	16.3	18
Cherat	000	0	0	20	03	98	02	0	437	77	0	0	9	0	0	68	62	+ 4	— 7	9.0	0	33.1	29
Kakul	0?0	9	2	18	04	97	01	1	482	76	2	4	6	0	0	69	71	—	—	23.7	—	39.3	—
Landikotal	000	0	0	00	00	98	00	0	471	84	0	0	9	0	0	63	73	—	—	1.8	—	17.9	—
Parachinar	0?0	0	0	00	0	59	0)	0	50.	68	0	0	9	0	0	61	64	— 1	0	9.3	—	22.6	29
Miranshah	030	0	0	00	00	99	00	0	470	82	0	0	9	0	0	65	76	—	—	0.6	— 3.1	2.4	13
Wana	—	..	..	—	...	...	..	—	—	..	—	...	..	...	...	...	—	—	—				11
Fort Sandeman	000	0	0	00	00	99	02	0	489	80	0	0	9	0	0	57	73	+ 2	0	4.2	— 0.1	9.0	11
Hindubagh	000	0	0	09	03	97	00	0	449	74	0	0	9	0	0	54	65	—	—	0.8	—	4.6	—
Loralai	000	0	0	31	02	98	00	0	391	75	0	0	9	0	0	63	65	—	—	1.1	—	4.6	9
Harnai	000	0	0	11	05	97	00	0	477	85	0	0	9	0	0	67	80	—	—	3.9	— 2.2	7.2	14
Quetta	000	0	0	00	00	96	00	0	478	72	0	0	9	0	0	56	64	—	—	[illegible]	— 0.9	4.3	9
Chaman	000	0	0	00	05	98	00	0	468	86	0	0	9	0	0	36	75	+ 3	+ 5	0	— 0.1	1.3	8
Nushki	000	0	0	09	05	98	02	0	486	88	0	0	9	0	0	56	81	—	—	0	—	1.6	—
Dalbandin	003	9	0	36	02	96	03	0	457	79	0	0	9	0	0	29	71	0	+ 2	0	— 0.2	1.2	4
Kalat	000	0	0	18	03	97	00	0	484	71	0	0	9	0	0	67	62	— 2	+ 6	0.2	— 1.0	2.1	7
Panjgur	000	0	3	00	00	96	03	0	477	75	3	0	9	5	0	66	73	+ 7	+ 3	[illegible]	—	1.3	5
Kabul																							12
Kandhar																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 25th AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ L.L.L.	L.L.L. GG	N ddff	VV www W	PPP TT	N C h C C	D V a PP	8 N Ch h	O T T T T	Id d P H
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Oakwood	63 242	585 00	2 14 04	98 0 20	039 86	21 5 00	35 6 [illegible]	—	[illegible]	11 4 21
Karcom	63 234	678 00	7 24 12	98 0 27	048 88	73 4 00	34 5 01	—	[illegible]	12 4 43
Minlos	63 165	544 00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] 4 00	—	[illegible] 3 71	11 7 2x
Utrecht	63 236	623 06	8 24 09	98 5 05	078 79	[illegible] 1 xx	76 8 07	—	[illegible]	12 4 22
Alfred Fraissinet	62 189	582 06	4 18 14	[illegible] 0 31	[illegible] 77	[illegible] 5 00	32 1 04	—	[illegible]	11 8 21
Hermenios	63 174	580 06	3 23 13	97 0 73	040 77	15 6 00	16 4 00	—	[illegible]	12 3 xx
Caltex Utrecht	[illegible]	[illegible]	2 10 08	98 0 30	[illegible] 90	[illegible] 4 00		—	00 0 [illegible]	13 0 21
Dhruv	63 180	603 06	8 24 09	98 0 21	008 83	66 5 02	26 4 20	—		
Banda	63 160	540 06	8 21 15	97 0 82	[illegible]	[illegible]	55 4 [illegible]	—	01 0 73	12 1 21
[illegible]	63 231	595 06	0 00 08	98 0 30	096 92	00 0 00	35 6 [illegible]	—	[illegible]	11 8 21
Vellatia	63 290	607 06	0 20 12	98 0 20	074 [illegible]	[illegible] 9 00	[illegible]	—	[illegible]	12 0 33
Alfred Fraissinet	63 185	578 12	6 18 18	98 0 21	060 77	65 5 xx	32 7 13	—	[illegible]	11 8 21
Vellatia	63 221	621 12	2 21 18	98 0 10	001 80	22 4 00	35 7 06	—	00 1 74	12 4 44
Kareem	63 217	693 12	7 35 13	98 0 22	049 79	10 5 60	34 6 02	—	[illegible]	12 5 43
Oakwood	63 219	597 12	0 20 10	97 x xx	060 90	00 0 00	55 5 06	—	00 4 71	11 9 21
Vellatia	63 212	633 18	6 31 18	97 0 38	085 79	67 7 00	35 1 20	—	00 0 73	12 3 33
Alfred Fraissinet	63 181	573 18	9 30 28	98 0 21	078 78	xx 9 xx	52 1 12	—	00 3 72	[illegible]
Dwarka	63 241	600 18	0 09 03	98 9 00	068 85	00 9 00	15 1 30	—	[illegible] 4 [illegible]	40 0 39
BAY OF BENGAL										
Safina-e-Arab	62 191	899 06	7 23 09	97 1802	057 84	62 3 2x	...	—	—	—

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	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
			HHHTTTT$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	052 118 172	—	—	144 132 108	...	307 885 028	—	—	—	—	—	—	—
Jiwani ...														
Karachi ...	00 00	003 272 242	043 245 215	—	140 212 175	...	311 145 012	439 038 515	584 565 995	756 685 998	969 808	286 990	431 980	...
Lahore ...	00 00	960 312 258	934 xxxxxx	—	147 238 205	...	316 120 122	445 078 048	588 015 995	764 580 990	984 660	293 730		—
Multan ...														
Peshawar ...	00 00	962 282 235	—	...	141 242 192	...	311 123 022	439 032 612	582 535 992	757 608 990	970 752	—	—	—
Quetta ...	00 00	829 225 132	...	—	—	...	315 200 100	446 172 035	606 140 990	790 002 998	903 390	—	—	—

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTT$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$	TROPOPAUSE St. HHHHTT	TROPOPAUSE St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	005 272 255	900 152 128	800 108 092	...	..	—	—	—	—	800 108 092	...	—
Jiwani ...													
Karachi ...	00 00	900 175 165	900 198 045	...	—	—	—	—	—	...	800 198 082	...	...
Lahore ...	00 00	900 258 222	800 202 185	...	...	...	...	...	...	...	800 202 185	...	...
Multan ...													
Peshawar ...	00 00	900 272 222	800 195 175	...	—	—	—	...	—	...	800 195 175	—	..
Quetta ...	00 00	800 225 132	—	...	...	...	...	...	...	...	800 225 132	—	...

PPP—Pressure in hundreds tens and units of millibars,
TTT; T$_d$T$_d$T$_d$; 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 ...	15 09	17 13	17 16	16 15	11 18	14 10	14 13	07 07	05 07
Chaklala ...		25 05	27 10	28 06	26 05	02 03	01 08	36 12	31 11
Chhor ...	20 13	23 12	23 09	02 04	35 07	04 13	01 20	34 14	04 17
Chittagong ...	31 13	21 12	18 09	14 16	12 13	13 06	10 06	—	—
Cox's Bazar ...	10 14	18 09							
Dacca ...	17 16	15 13	16 12	16 13	16 11	14 13	14 08	13 11	12 08
Dalbandin ...	—	—	02 03	02 16	01 10	19 02	33 08	32 10	33 10
D.I. Khan ...	—	—	—	—					
Drosh ...	—	—	—		23 14	22 10	20 13	06 09	35 03
Fort Sandeman ...				01 06	09 09	36 09			
Jacobabad ...	85 09	16 09	17 09	44 05	04 06	01 09	02 08	32 05	32 18
Jessore ...	46 13	16 16	16 15	47 11					
Jhelum ...	03 04	24 03	27 06	93 07	01 05	36 14	36 09	33 03	25 06
Jiwani ...	20 12	29 04	34 16	06 12	07 13	06 16	10 09	04 13	05 07
Karachi ...	04 15	20 14	26 11						
Khanpur ...	19 06	18 07	17 09	16 08	15 16	12 10	02 12	03 13	02 20
Lahore ...	30 02	30 02	30 01	30 03	32 07	83 06	10 02	24 08	23 09
Multan ...	17 09	17 10	16 07	20 05	18 02	01 10	35 09	...	...
Muscat ...	—	—	—					—	...
Panjgur ...	—			35 13	01 09	36 15	—	—	—
Peshawar ...	—	05 06	07 04	17 19	21 12	32 04	35 11	34 21	...
Quetta ...	—	—	—	—	23 03	27 03	06 04	22 08	19 10
Sharjah ...								...	—
Sylhet ...	87 04	10 03	15 03	15 06	14 10	16 10	19 08	—	...
Vereval ...	—	—	—	—	—	—	—	—	...

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 ...	15 10	15 09	13 07	11 09		
Chaklala ...		11 05	14 02	24 06	26 08	35 04
Chhor ...	22 13	23 19				—
Chittagong ...	15 11	16 13	17 13	17 13	15 08	—
Cox's Bazar ...	17 12	17 10				
Dacca ...	15 07	15 15	15 07	18 07	16 09	14 08
Dalbandin ...	—	—	25 10	22 05	23 04	23 04
D.I. Khan ...	—	—	—			
Drosh ...	—	—	—	26 04	28 04	28 04
Fort Sandeman ...				C8 C4	35 01	30 08
Jacobabad ...	19 10	13 03	34 13	34 03	05 03	82 15
Jessore ...	19 10	13 03	34 03	06 03	05 03	82 45
Jhelum ...	13 10	19 10	22 08	29 05	31 07	01 06
Jiwani ...	29 07	—	—	...	—	...
Karachi ...						
Khanpur ...	21 19	24 19	26 13	26 05	09 06	09 10
Lahore ...	17 03	23 10	18 04	32 05	34 04	35 05
Multan ...	19 19	20 14	20 13	23 08	18 12	33 07
Muscat ...	—	—	—			
Panjgur ...	—			32 13	34 25	01 25
Peshawar ...	...	35 08	33 05	27 05	02 02	22 12
Quetta ...	...	—	—	—	17 03	24 09
Sharjah ...						
Sylhet ...	28 01	32 02	28 03	16 05	16 09	15 13
Vereval ...	—	—	—	—	—	—

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 08	15 06	13 12	14 11	15 09	14 10	12 02	05 12	33 08	...	—
Chaklala ...		15 02	17 04	28 05	29 08	32 08	03 07	—	—	—	—
Chhor ...	31 10	21 18	09 07	09 06	—	—	—	—	—	—	—
Chittagong ...	30 03	13 03	12 05	12 05	—	—	—	...	—	—	—
Cox's Bazar ...	14 03	15 08	15 08	17 10	—	—	—	—	—	—	—
Dacca ...	15 08	15 08	15 07	13 09							
Dalbandin ...	...	...	09 01	17 03	16 06	12 08	12 13	15 21	20 10	09 09	15 11
D.I. Khan ...	—	—	...	—							
Drosh ...	...	...	...		23 04	07 C4	35 85	36 23	36 01	82 42	02 09
Fort Sandeman ...	...			35 01	06 03	02 06	02 04	01 16	36 18	37 08	34 13
Jacobabad ...	18 06	90 07	17 06	13 05	94 94	35 07	84 84	06 17	08 23	13 41	—
Jessore ...	13 07	13 09	14 11	15 08							
Jhelum ...	43 04	88 05	21 02	30 04	23 07	34 04	38 86	32 89	31 03	31 33	31 18
Jiwani ...	20 06				...	...	...	—	—	—	—
Karachi ...	87 32	27 24	28 15			—	...	—	—	—	—
Khanpur ...	22 14	31 17	25 15	19 18	18 42	15 10	19 17	—	—	—	—
Lahore ...	03 01	24 01	23 02	24 03	29 05	30 04	61 07	—	—	—	—
Multan ...	19 07	20 07	20 07	19 13	21 05	36 08	02 13	01 20	03 14	05 18	...
Muscat ...	—	—	—								
Panjgur ...	—			34 08	32 11	17 06	12 13	13 07	13 80	42 10	
Peshawar ...	—	05 02	06 03	35 07	30 12	29 29	35 18	36 18	36 93	05 11	24 24
Quetta ...	—	—	—	—	35 03	26 13	01 10	06 08	10 45	18 05	19 05
Sharjah ...											
Sylhet ...	24 04	35 01	34 03	16 01	07 01	16 03	13 12	18 18	09 18	[illegible]	03 09
Vereval ...	...	—	...	—	—	—	—	—	...	—	—

† 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 09	15 08	14 06	15 06	17 08	15 10	14 12											—
Karachi ...	27 14	27 19	35 12	35 06	06 07	36 11	36 32	05 24	08 19	08 19	09 17	11 22	11 25	12 63	12 60	13 56	13 55	—
Peshawar ...	—	01 06	34 02	21 02	27 04	29 08	30 13	31 17	31 19	29 23	28 28	28 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 Cdd VrVr etc.)

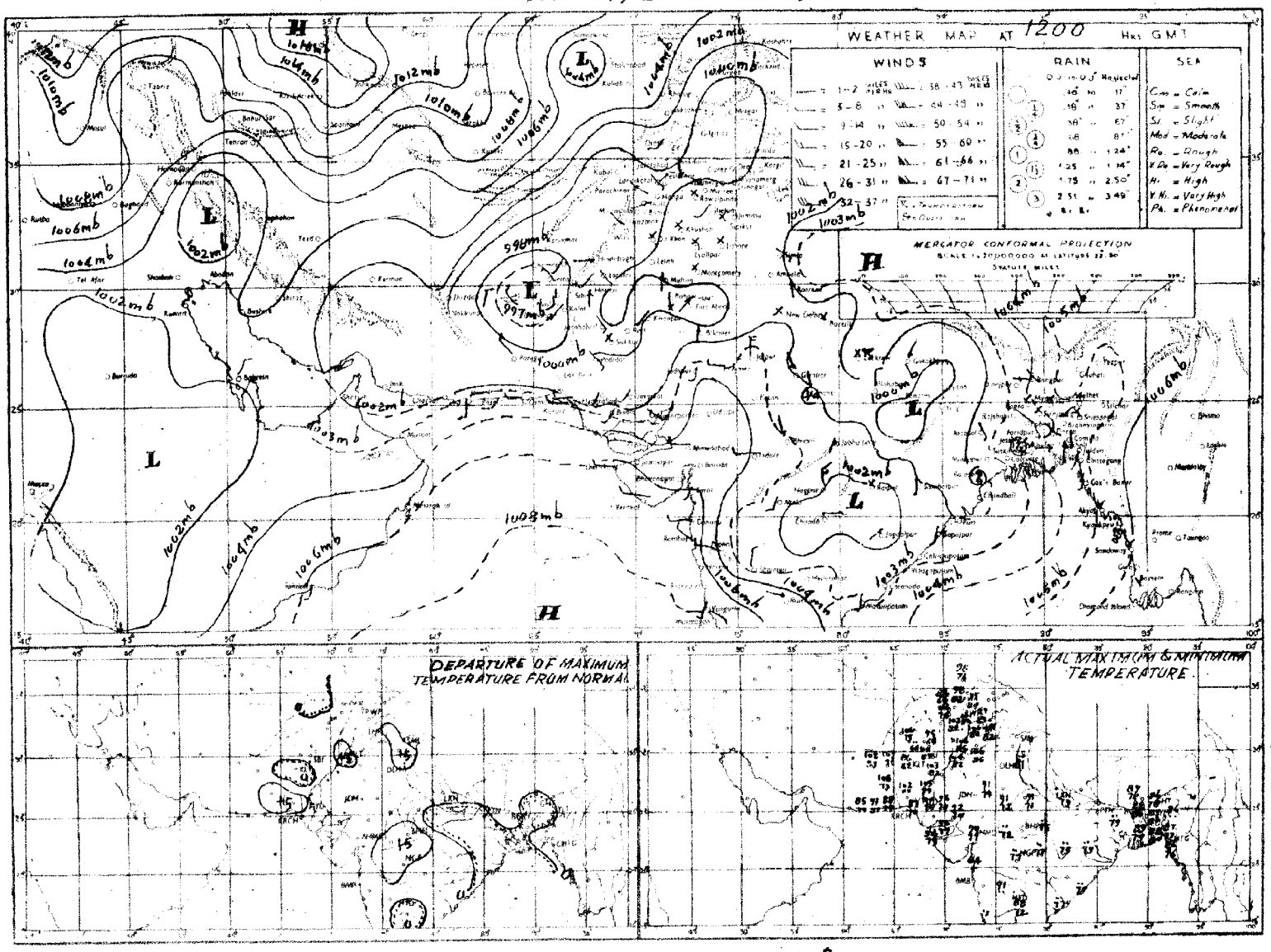
42 917 00 798
31 739 63 612

05 715 90 711

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

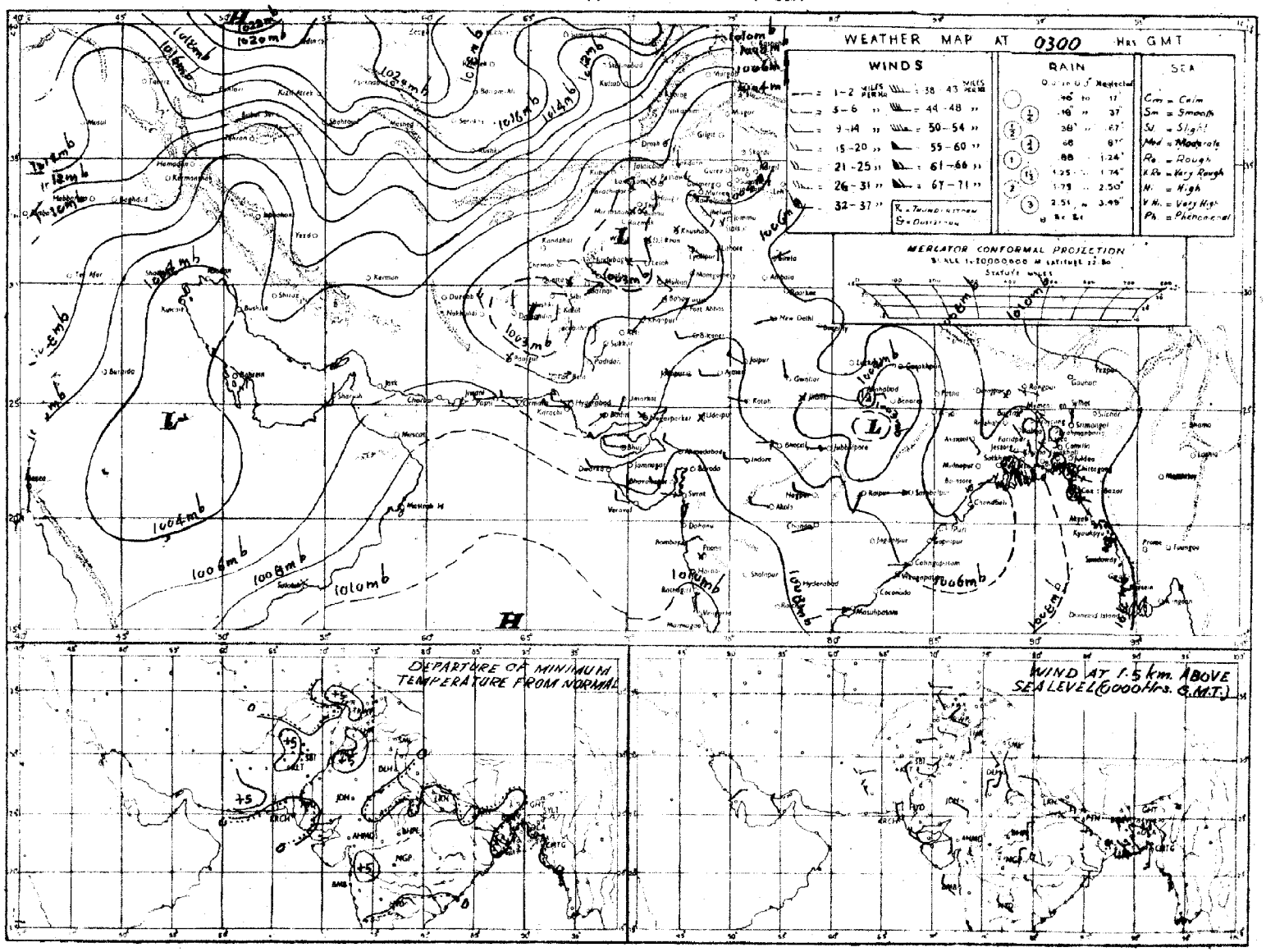
FRIDAY, 24th AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY, 25th AUGUST, 1962.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

SUNDAY THE 26th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's well marked low pressure area over Vindhya Pradesh and neighbourhood has weakened and merged with monsoon trough of low pressure which extends across Indian Punjab to northeast Bay of Bengal.

The trough of low over northwest and adjoining west central Bay of Bengal has become unimportant.

Rainfall has been local in Chittagong division and scattered in Khulna division.

The westerly low pressure wave over Peshawar division and adjoining areas now lies over Rawalpindi division and adjoining areas. It has caused scattered light rain in Peshawar division and drizzle in Lahore division.

Chief amounts of rainfall are :—Brahmanbaria 1/2" and Khulna 1/4".

Day temperatures were generally 3—5 °F (2—3 °C) above normal over West Pakistan outside Lahore and Khairpur divisions and nearly normal in East Pakistan.

Forecast valid until the evening of 27th August, 1962 :—Local thunderstorm/showers will occur in Chittagong, Lahore and Rawalpindi divisions and in Kashmir and scattered elsewhere in East Pakistan and in Peshawar, Sargodha and Multan divisions.

Karachi-11
The 26th August, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	000	0	6	18	05	96	29	9	048	87	4	3	6	8	0	80	91
	Cox's Bazar	007	0	6	25	02	97	03	2	039	83	2	4	5	4	8	76	86
	Chittagong	001	8	6	20	05	97	06	0	037	83	3	3	7	2	1	77	88
	Maijdee Court	000	9	5	18	05	97	02	1	041	85	3	2	9	0	0	76	86
	Comilla	000	1	3	01	10	96	00	0	013	87	3	3	6	0	0	79	90
	Brahmanbaria	000	0	7	00	00	97	01	0	041	85	2	4	5	0	5	78	89
	Sylhet	001	0	4	00	00	96	01	2	038	84	8	5	5	2	1	78	88
	Srimangal	000	0	3	00	00	95	03	2	023	87	2	0	4	0	0	79	89
Dacca	Mymensingh	000	0	x	xx	xx	97	02	1	047	83	4	4	3	0	0	71	87
	Narayanganj	000	9	5	00	00	96	03	2	039	87	1	4	3	0	8	78	89
	Dacca (Tezgaon)	000	0	4	23	02	97	02	1	029	85	2	2	5	0	1	76	87
	Faridpur	000	0	3	16	02	97	02	2	039	87	1	5	7	1	0	77	86
Khulna	Barisal	000	0	4	00	00	96	02	2	004	85	4	0	x	4	0	67	88
	Khulna	000	4	5	00	00	97	01	6	038	82	5	5	6	0	0	80	87
	Satkhira	034	0	7	00	00	96	03	2	060	83	4	4	4	2	0	79	87
	Jessore	000	0	5	18	02	57	00	0	046	85	4	4	6	6	0	79	89
Rajshahi	Pabna	000	0	4	13	05	56	01	2	029	86	0	0	9	0	2	81	90
	Sirajganj	000	0	1	00	00	99	02	1	036	83	1	1	4	0	0	80	65
	Bogra	000	0	4	13	02	96	01	2	034	85	2	5	5	0	1	79	89
	Dinajpur	000	9	6	00	00	96	02	2	035	85	1	6	0	9	2	79	90
	Rangpur	000	0	5	13	02	96	03	1	036	85	3	5	6	1	0	78	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	001	5	2	13	02	96	02	6	010	90	0	0	9	0	0	80	97
	Sialkot	000	0	0	00	00	97	00	0	001	91	0	0	9	0	0	77	94
Rawalpindi	Jhelum	000	3	3	00	00	97	01	1	994	93	2	2	7	3	0	71	97
	Rawalpindi	000	0	2	00	00	98	03	0	987	97	1	2	7	0	3	72	98
	Campbellpur	000	0	0	13	01	97	00	0	941	00	0	0	9	0	0	70	xx
Sargodha	Khushab	000	0	0	18	02	98	05	0	994	02	0	0	9	0	0	93	03
	Lyallpur	000	0	0	00	00	97	00	0	998	02	0	0	9	0	0	70	02
Multan	Montgomery	000	0	0	00	00	96	02	0	000	03	0	0	9	0	0	71	xx
	Multan	000	0	0	18	02	98	02	0	993	04	0	0	9	0	8	70	06
	Leiah																	
Bahawalpur	Khanpur	000	0	2	23	05	96	05	0	992	03	2	2	6	0	0	65	06
	Bahawalpur	000	0	0	25	02	98	00	0	965	05	0	0	9	0	0	70	05
	Fort Abbas	000	0	0	18	02	98	00	0	991	03	0	0	9	0	0	69	03
Peshawar	Chakdara	000	0	0	36	02	97	00	0	937	00	0	0	9	0	0	75	94
	Peshawar	000	0	1	05	03	96	06	0	979	99	1	1	6	0	0	73	00
	Haripur	000	0	0	23	01	97	00	0	991	95	0	0	9	0	0	71	96
D. I. Khan	Bannu	000	0	0	11	01	99	00	0	980	01	0	0	9	0	0	59	03
	D. I. Khan	000	0	0	20	00	98	00	0	938	01	0	0	9	0	0	74	03
Quetta	Sibi	000	0	0	18	02	98	00	0	988	08	0	0	9	0	0	66	09
Kalat	Nokkundi	000	0	0	34	09	96	07	3	970	06	0	0	9	0	0	29	07
	Turbat	000	0	0	23	02	97	00	0	991	02	0	0	9	0	0	75	05
	Jiwani	000	0	2	18	17	97	01	2	032	82	2	6	4	0	0	75	84
	Pasni	000	3	6	23	12	96	03	1	989	87	0	0	9	4	3	77	90
Karachi Division	Ormara	000	0	1	27	12	94	03	1	033	84	4	1	6	0	0	78	68
	Lasbela																	
	Karachi (Manora)	000	0	4	27	12	96	0	1	031	85	4	6	6	0	0	78	88
	Karachi (Airport)	000	0	7	27	12	96	02	2	032	83	7	6	5	0	0	75	90
Hyderabad	Nagarparkar	000	0	3	20	02	98	02	0	012	93	3	2	7	0	0	74	94
	Umarkot	000	0	3	20	14	97	03	0	008	94	0	0	9	0	9	74	01
	Hyderabad	000	0	0	23	02	97	00	0	046	93	0	0	9	0	0	75	96
	Badin																	
Khairpur	Padidan	000	0	1	36	02	98	03	0	999	04	0	0	9	0	1	67	05
	Nawabshah	000	0	0	18	03	97	02	0	011	01	0	0	9	0	0	67	03
	Sukkur	000	4	3	25	03	97	03	1	997	02	0	0	9	0	3	73	03
	Kashmore	000	0	0	00	00	99	02	0	982	02	0	0	9	0	0	68	02
	Jacobabad	000	0	2	18	03	97	02	0	986	01	0	0	9	0	1	41	03
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar **																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh *																	
	Skardu **																	
	Misgar *																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	000	4	7	31	09	96	02	4	452	74	7	5	2	x	x	65	73
Peshawar	Drosh *	000	0	1	23	09	99	01	0	412	96	1	1	7	0	0	51	02
	Cherat *	000	0	0	13	03	98	02	0	416	91	0	0	9	0	0	69	91
	Kakul *	011	6	1	23	05	96	05	6	455	84	1	4	6	0	0	68	86
	Landikotal *	000	0	0	13	03	98	00	0	435	93	0	0	9	0	0	67	89
	Parachinar *	000	0	4	13	02	99	03	0	470	85	4	1	9	1	0	65	87
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	445	97	0	0	9	0	0	66	98
	Wana *	000	0	5	13	04	98	01	1	505	89	5	1	5	0	0	xx	94
Quetta	Fort Sandeman *	000	0	1	11	01	99	01	0	451	95	1	0	8	3	0	53	00
	Hindubagh *	000	0	0	00	00	97	00	0	407	94	0	0	9	0	0	70	97
	Loralai *	000	0	4	13	03	99	00	1	431	90	0	0	9	1	1	65	94
	Harnai *	000	0	3	11	05	97	03	0	441	97	2	9	5	0	1	61	98
	Quetta *	000	0	0	31	03	96	00	0	428	93	0	0	9	0	0	71	95
	Chaman *	000	0	0	27	05	98	00	0	438	01	0	0	9	0	0	33	02
	Nushki *	000	0	0	27	13	98	03	0	471	04	0	0	9	0	0	53	05
	Dalbandin *	000	0	0	05	03	96	02	0	459	07	0	0	9	0	0	37	08
Kalat	Kalat *	000	0	0	27	03	97	00	0	434	91	0	0	9	0	0	85	91
	Panjgur *	000	0	0	00	00	95	05	0	456	00	0	0	9	0	0	47	03
Afghanistan	Kabul *																	
	Kandhar *																	

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. add 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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	7	18	02	98	05	9	083	86	4	8	6	8	x	76	79	—	—	—	—	—	—
	Cox's Bazar	002	6	6	20	02	97	02	6	071	84	4	8	5	0	8	77	78	+ 1	+ 2	90.1	− 0.5	100.8	140
	Chittagong	001	3	6	05	03	97	05	2	069	85	4	3	6	1	1	76	79	+ 2	+ 3	64.6	+ 2.5	78.1	108
	Maijdee Court	010	9	5	27	02	97	03	2	075	86	2	2	7	5	0	77	78	+ 1	0	65.1	+ 0.7	85.3	115
	Comilla	000	0	8	18	02	97	02	2	031	86	8	4	8	4	4	77	70	+ 3	− 7	—		—	94
	Brahmanbaria	045	0	4	05	02	97	01	1	075	83	4	4	5	0	0	77	77	—	—	37.2	− 0.1	54.9	78
	Sylhet	001	0	6	09	02	96	03	3	065	87	6	8	6	0	1	76	78	—	—	79.3	—	106.3	—
	Srimangal	013	2	4	00	00	95	03	6	068	84	4	0	4	0	0	77	77	− 1	+ 1	—	—	—	98
Dacca	Mymensingh	000	0	4	12	02	97	02	1	075	86	4	2	4	0	0	79	79	0	+ 1	43.2	− 3.4	57.2	91
	Narayanganj	000	9	5	18	02	97	03	1	072	88	4	4	2	3	0	77	80	+ 1	+ 1	33.1	− 3.3	50.4	74
	Dacca (Tezgaon)	000	9	5	16	02	97	03	2	067	85	4	8	5	0	1	77	79	—	—	41.9	—	46.8	—
	Faridpur	000	0	8	16	02	97	02	1	066	75	3	5	7	1	0	78	80	− 1	+ 2	28.1	− 7.8	41.4	71
Khulna	Barisal	000	0	8	00	00	97	01	0	085	82	4	0	9	8	0	77	80	+ 1	+ 2	35.9	− 11.2	49.9	81
	Khulna	034	0	6	00	00	97	03	2	066	65	6	5	5	0	0	78	78	− 1	0	30.0	− 8.6	37.8	68
	Satkhira	000	0	5	00	00	97	03	2	001	92	3	4	6	2	0	78	78	− 1	0	29.4	+ 3.8	46.6	65
	Jessore	007	0	5	18	05	97	03	2	068	83	5	5	6	x	x	79	78	—	—	28.8	− 5.2	38.4	65
Rajshahi	Pabna	000	0	4	13	05	99	03	1	061	85	1	1	7	0	2	79	80	—	—	33.3	—	51.8	59
	Sirajganj																		— 2					64
	Bogra	009	1	6	00	00	96	21	6	066	83	5	4	5	0	1	77	81	+ 1	+ 3	31.2	− 5.5	43.7	69
	Dinajpur	000	0	4	00	00	96	02	2	062	85	4	0	9	2	0	78	77	+ 1	+ 1	35.4	− 4.0	42.6	72
	Rangpur	000	0	4	09	02	96	01	2	087	84	2	2	6	1	0	78	78	+ 1	+ 1	36.5	− 6.6	60.7	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	001	9	4	15	05	96	01	1	032	83	2	6	4	3	1	79	80	0	+ 3	7.3	− 4.4	13.7	19
	Sialkot	000	0	7	00	00	97	02	1	048	88	7	4	6	x	x	78	80	0	+ 3	17.7	− 1.5	22.2	32
Rawalpindi	Jhelum	000	0	2	13	03	97	01	0	026	96	1	1	7	3	0	76	81	—	—	13.3	—	19.4	
	Rawalpindi	000	0	2	11	03	98	01	1	021	85	2	0	9	0	0	74	80	+ 5	+ 6	21.5	+ 3.1	28.1	36
	Campbellpur	000	0	1	13	04	97	00	0	965	84	0	1	8	0	1	77	84	×	—	8.6	—	16.9	—
Sargodha	Khushab	000	0	0	07	02	97	05	0	020	86	0	0	9	0	0	82	82	+ 4	+ 1	1.1	− 7.5	6.1	15
	Lyallpur	000	0	0	13	02	96	00	0	019	87	0	0	9	0	0	77	83	+ 5	+ 4	5.4	− 1.9	9.2	12
Multan	Montgomery	000	0	0	13	02	96	02	0	014	88	0	0	9	0	0	77	93	×	+ 3	6.3	+ 0.3	9.4	10
	Multan	000	0	3	18	03	98	02	0	xxx	86	0	0	9	0	1	74	63	+ 8	+ 1	0.3	− 4.0	2.0	7
	Leiah																							8
Bahawalpur	Khanpur	000	0	2	23	05	96	05	0	922	85	0	0	9	0	4	75	80	+ 3	+ 1	3.3	− 1.2	4.3	6
	Bahawalpur	000	0	6	23	02	98	00	0	040	89	0	3	9	0	0	75	69	+ 5	+ 10	1.4	− 2.6	2.1	6
	Fort Abbas	000	0	0	20	02	98	00	0	013	91	0	0	9	0	0	72	86	—	—	0.6	—	0.9	8
Peshawar	Chakdara	000	0	0	36	02	97	00	0	xxx	xx	0	0	9	0	0	73	76	—	—	6.1	—	15.2	—
	Peshawar	000	0	0	36	02	96	06	0	013	85	0	0	9	0	0	79	82	+ 3	+ 5	1.5	− 1.9	8.1	11
	Haripur	000	0	0	05	01	97	00	0	019	84	0	0	9	0	0	72	78	—	—	16.9	—	23.5	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	998	90	0	0	9	0	0	71	83	—	—	1.9	—	4.9	11
	D. I. Khan	000	0	0	00	00	98	00	0	027	88	0	0	9	0	0	73	81	+ 3	+ 1	1.6	− 3.0	4.4	9
Quetta	Sibi	000	0	0	18	02	97	05	0	024	89	0	0	9	0	0	71	87	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	0	0	34	09	96	02	3	013	88	0	0	9	0	0	37	82	—	—	0	—	0.1	2
	Turbat	000	0	0	27	02	97	00	0	033	83	0	0	9	0	0	74	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	3	16	03	97	02	0	041	80	3	6	4	0	0	76	77	—	—	1.2	—	1.9	5
	Pasni	000	0	8	11	02	96	03	1	988	80	6	2	7	4	0	76	78	+ 1	+ 3	0	− 0.9	0.2	6
Karachi Division	Ormara	000	0	7	27	07	94	03	2	037	81	7	4	6	1	0	78	79	—	—	0.1	− 0.7	2.0	6
	Lasbela	000	0	3	09	02	97	03	0	955	84	3	0	8	3	0	83	82	—	—	0	—	0	8
	Karachi (Manora)	000	0	8	27	07	96	02	2	036	80	0	0	9	6	0	73	78	+ 3	0	3.7	− 1.7	3.7	8
	Karachi (Airport)	000	0	8	27	05	96	02	2	042	81	0	6	5	0	0	77	77	—	—	4.9	—	4.9	—
Hyderabad	Nagarparkar	000	0	0	20	02	97	02	0	036	81	0	0	9	0	0	75	76	—	—	5.3	—	5.4	—
	Umarkot	000	0	3	23	10	97	03	0	028	82	0	0	9	0	1	72	79	+ 6	+ 1	4.3	− 1.0	5.1	7
	Hyderabad	000	0	8	23	02	97	01	0	049	80	8	0	9	0	0	74	77	—	− 1	3.5	− 2.2	4.1	9
	Badin																							
Khairpur	Padidan	000	0	0	13	09	98	02	0	020	83	0	0	9	0	0	73	79	—	—	2.2	—	2.8	—
	Nawabshah	000	0	0	18	04	96	02	0	987	82	0	0	9	0	0	74	79	—	—	2.7	—	3.1	4
	Sukkur	000	9	0	21	03	97	02	0	021	84	0	0	9	0	0	74	80	—	—	2.5	—	2.5	—
	Kashmore	000	0	0	00	00	96	00	0	998	83	0	0	9	0	0	68	xx	—	—	0.5	—	0.5	4
	Jacobabad	003	9	0	13	05	97	02	0	018	84	0	0	9	0	0	61	82	0	+ 1	1.0	− 1.1	1.9	23
Junagadh	Veraval																							
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
HILL STATIONS																								
Kashmir	Srinagar **																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							24
	Leh *																							3
	Skardu **																							6
	Misgar *																							—
	Aliabad *																							—
	Gilgit *																							8
Rawalpindi	Murree *	000	9	7	29	09	97	02	1	461	67	7	5	3	0	0	69	61	+ 3	4	23.3	− 5.4	41.6	60
Peshawar	Drosh *	000	0	1	00	00	99	03	0	462	77	1	1	6	0	0	62	75	+ 8	− 5	4.4	—	16.3	18
	Cherat *	000	0	0	13	05	98	02	0	413	76	0	0	9	0	0	70	62	+ 5	− 7	9.0	− 0.1	33.1	29
	Kakul *	011	9	7	18	02	96	05	1	459	78	7	8	6	0	0	69	74	—	—	23.9	—	39.5	—
	Landikotal *	000	0	0	00	00	97	00	0	451	85	0	0	9	0	0	67	74	—	—	1.8	—	17.9	—
	Parachinar *	000	0	5	00	0	99	03	0	454	68	5	1	9	1	0	59	66	+ 2	+ 3	9.3	—	23.8	29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	453	84	0	0	9	0	0	54	78	—	—	0.6	− 3.0	2.4	13
	Wana *	000	0	0	00	00	99	00	0	505	75	0	0	9	0	0	55	69	—	—	4.2	—	12.8	11
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	468	83	0	0	9	0	0	59	77	+ 3	+ 6	4.2	+ 0.6	9.0	11
	Hindubagh *	000	0	0	00	00	97	00	0	448	78	0	0	9	0	0	63	66	—	—	0.8	—	4.4	—
	Loralai *	000	0	0	36	02	99	00	0	425	78	0	0	9	0	0	64	65	—	—	1.1	—	4.6	9
	Harnai *	000	0	0	45	05	97	00	0	443	81	0	0	9	0	0	67	79	—	—	3.9	− 5.2	7.2	14
	Quetta *	000	0	0	00	00	96	00	0	453	73	0	0	9	0	0	61	63	—	—	0.1	− 0.9	4.3	9
	Chaman *	000	0	0	09	05	98	00	0	466	87	0	0	9	0	0	38	76	+ 5	+ 8	0	− 0.1	1.3	8
	Nushki *	003	0	0	31	05	98	02	0	484	82	0	0	9	0	0	52	78	—	—	0	—	4.6	—
	Dalbandin *	003	0	0	05	03	96	00	0	455	81	0	0	9	0	0	29	75	+ 3	+ 6	0	− 0.2	1.2	4
Kalat	Kalat *	000	0	0	18	02	98	00	0	478	61	0	0	9	0	0	54	59	+ 3	+ 5	0.2	− 0.9	2.1	7
	Panjgur *	000	0	0	00	00	95	02	0	456	79	0	0	9	0	0	61	75	+ 5	+ 4	0.3	—	1.3	5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 26th AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$YQL_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Veleimggdhrrdi	73 302	645 00	7 23 18	97 0 22	084 78	77 4 00	35 4 00	—	05 1 74	12 1 44
Oakwood	73 196	587 00	7 20 11	98 0 33	062 77	77 5 xx	45 6 00	—	05 1 73	12 0 32
Hermenios	73 218	591 00	8 22 15	98 0 22	031 73	81 6 00	46 4 00	—	00 2 54	12 1 xx
Alfred	73 174	548 03	2 21 22	97 0 22	087 72	35 8 00	52 2 18	—	00 4 72	12 1 73
Banda	73 141	491 06	1 03 06	98 0 12	080 86	11 6 00	55 1 05	—	08 8 82	10 3 20
Hermenios	73 232	592 06	0 00 00	97 0 00	028 88	00 9 00	76 4 00	...	...	15 2 28
Yelletiamzgo	72 192	658 06	6 08 09	97 0 22	120 80	77 5 00	35 1 17	...	00 1 74	12 1 44
Irandeflogs	73 136	477 12	1 18 08	99 0 20	078 88	13 6 00	65 7 26	...	00 7 81	—
Arlamefiorgu	73 207	593 12	8 15 20	98 0 22	048 77	00 9 07	45 7 22	...	00 2 75	11 5 21
Alfred Fraissinet	73 174	560 12	0 24 23	98 0 20	060 75	00 9 00	52 7 20	...	00 6 78	12 4 22
Alfrisfaissimet	73 167	554 18	0 23 15	98 0 20	086 75	00 9 00	52 2 17	...	00 6 72	12 3 32
Dioulka	73 248	674 18	0 22 06	98 0 00	053 81	00 9 00	25 4 25	...	00 1 79	11 2 21
Amza	73 066	633 18	1 22 08	99 0 11	024 88	xx x xx	55 2 09	...	01 1 xx	10 1 00

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface $PPPTTTT_dT_dT_d$	1000 mb (HHHTTTT_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
Bagra ...														
Chittagong ...														
Dacca ...	00 .00	045 240 232	—	—	140 205 192	...	310 125 999	437 055 999	586 002 548	...	—	—	—	...
Jiwani ...														
Karachi ...	00 00	001 265 238	032 242 205	—	139 205 173	...	309 105 999	435 033 999	581 535 999	754 620 675	968 762	248 990	433 080	095 875
Lahore ...	00 .00	978 302 258	018 999 999	—	143 272 189	...	316 165 075	445 082 512	588 512 999	762 628 999	977 735	—	—	—
Multan ...														
Peshawar ...	00 .00	960 282 242	—	...	141 272 192	...	313 238 999	442 112 999	592 010 539	768 595 999	—	—	—	—
Quetta ...	00 .00	828 222 032	—	—	...	—	311 150 030	440 xxxxxx	588 515 999	763 595 999	—	—	—	—

STATION	Time of ascent in G.M.T.	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra ...													
Chittagong ...													
Dacca ...	00 00	004 260 258	900 205 192	800 165 142	...	..	—	—	—	...	801 165 143	—	—
Jiwani ...													
Karachi ...	00 00	900 215 192	800 192 135	...	...	—	—	—	—	...	800 192 135	...	—
Lahore ...	00 00	900 288 212	800 238 418	...	...	...	...	...	...	...	800 238 418	...	...
Multan ...													
Peshawar ...	00 00	900 282 202	800 265 172	...	—	—	—	—	—	—	800 265 172	—	..
Quetta ...	00 00	800 202 032	—	—	...	...	...	...	...	...	800 202 032	...	—

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	15 07	16 08	17 07	18 02	13 04	19 04	12 02	13 08	29 12
Chaklala	—	23 03	24 03	25 03	27 07	01 03	31 06	36 13	26 13
Chhor	18 06	18 06	07 03	03 09	03 13	04 07	05 07	—	—
Chittagong	23 14	23 10	22 16	13 02	12 05	10 11	12 13	11 16	—
Cox's Bazar	20 09	16 05	16 05	17 06	17 09	12 06	—	—	—
Dacca	17 12	18 04	18 12	09 06	11 05	12 03	09 03	14 15	12 15
Dalbandin	—	—	09 01	04 04	04 08	04 06	36 06	05 03	17 05
D.I. Khan	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	23 09	22 13	21 12	25 09	29 09
Fort Sandeman	—	—	—	15 04	14 03	34 05	32 10	—	—
Jacobabad	14 08	16 08	18 09	30 05	09 05	00 08	03 12	02 17	34 22
Jessore	14 12	14 11	18 18	—	—	—	—	—	—
Jhelum	22 07	27 06	25 05	30 08	31 06	31 07	30 04	30 04	30 09
Jiwani	18 15	24 10	32 07	02 08	30 10	08 09	33 00	00 05	07 06
Karachi	24 22	24 20	29 16	—	—	—	—	—	—
Khanpur	22 17	22 19	23 19	17 18	13 04	—	—	—	—
Lahore	10 06	11 05	23 01	29 09	32 09	32 08	29 07	24 03	09 08
Multan	22 09	23 12	22 11	17 11	15 04	02 16	36 25	36 20	01 17
Muscat	—	—	—	—	—	—	—	—	...
Panjgur	—	—	—	35 09	32 08	30 08	31 03	—	—
Peshawar	—	04 07	08 06	16 12	17 12	30 17	32 14	36 12	01 15
Quetta	—	—	—	—	30 04	01 03	02 05	33 04	03 03
Sharjah	—	—	—	—	—	—	—	—	—
Sylhet	24 04	21 02	17 01	15 03	15 03	13 05	17 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	16 06	17 06	—	—	—	—
Chaklala	—	—	—	—	—	—
Chhor	24 17	23 19	20 20	14 09	12 09	04 12
Chittagong	11 11	19 02	18 06	16 06	17 08	18 10
Cox's Bazar	06 01	07 01	07 03	—	—	—
Dacca	13 03	13 03	16 03	18 05	16 06	17 10
Dalbandin	—	—	18 01	01 11	01 07	36 05
D.I. Khan	—	—	—	—	—	—
Drosh	—	—	—	25 04	24 04	28 06
Fort Sandeman	—	—	—	07 05	23 04	34 05
Jacobabad	17 15	21 05	25 05	30 03	13 03	36 11
Jessore	19 10	17 10	14 09	13 08	15 02	12 07
Jhelum	12 11	16 11	17 08	25 10	31 11	34 12
Jiwani	29 04	29 07	30 07	34 10	35 10	01 03
Karachi	—	—	—	—	—	—
Khanpur	23 13	23 21	24 19	23 19	—	—
Lahore	05 07	19 09	19 10	25 07	28 12	29 08
Multan	22 23	23 20	22 12	18 10	35 03	35 10
Muscat	—	—	—	—	—	—
Panjgur	—	—	—	34 13	35 15	01 06
Peshawar	—	—	—	—	—	—
Quetta	—	—	—	—	26 01	26 07
Sharjah	—	—	—	—	—	—
Sylhet	31 01	31 02	31 03	—	—	—
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	15 06	16 06	16 07	15 05	21 02	18 05	12 04	15 06	—	—	—
Chaklala	—	11 03	11 04	29 05	24 05	—	—	—	—	—	—
Chhor	20 15	21 22	21 22	—	—	—	—	—	—	—	—
Chittagong	19 19	17 05	16 15	14 06	14 09	15 04	12 05	08 07	11 17	—	—
Cox's Bazar	—	—	—	—	—	—	—	—	—	—	—
Dacca	16 07	15 07	15 07	18 04	16 07	14 06	14 06	15 08	12 08	11 12	10 15
Dalbandin	—	—	08 07	07 10	02 08	35 10	30 07	35 07	19 08	—	—
D.I. Khan	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	12 01	01 07	35 04	34 11	36 11	22 04	32 13
Fort Sandeman	—	—	—	19 01	26 03	22 06	23 07	33 03	33 12	28 11	—
Jacobabad	18 04	15 04	15 04	16 06	23 04	02 11	03 15	03 14	01 08	06 15	12 15
Jessore	14 07	46 05	16 07	—	—	—	—	—	—	—	—
Jhelum	14 06	40 06	15 07	16 04	—	—	—	—	—	—	—
Jiwani	18 03	30 05	36 05	36 05	05 05	36 10	12 11	11 11	09 28	06 17	09 19
Karachi	27 11	28 10	—	—	—	—	—	—	—	—	—
Khanpur	23 17	22 15	23 12	21 15	20 19	07 09	04 13	03 18	04 11	25 08	—
Lahore	11 04	17 04	21 06	30 03	30 11	35 11	01 08	29 07	21 12	23 06	—
Multan	20 15	21 17	22 21	25 19	23 08	03 12	04 12	04 10	36 10	12 04	14 04
Muscat	—	—	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	36 10	02 16	—	—	—	—	—	—
Peshawar	—	06 06	07 09	08 04	30 11	28 17	26 22	31 13	12 04	04 10	30 13
Quetta	—	—	—	—	29 04	32 17	32 21	33 11	35 05	35 04	33 03
Sharjah	—	—	—	—	—	—	—	—	—	—	—
Sylhet	30 03	27 04	26 04	24 03	24 04	20 03	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	16.2	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 ...	17 08	18 05	18 01	15 12	18 09	18 21	19 12	19 21	04 28	08 14	07 18	09 27	09 29	12 43	12 69	13 84	—	—
Karachi ...	28 10	31 10	35 05	03 09	35 11	03 19	07 29	04 29	—	...	—	...	...	—	...	—	—	—
Peshawar ...	...	04 02	35 03	01 04	35 06	30 12	35 12	34 15								—	—	—
Quetta ...																		—

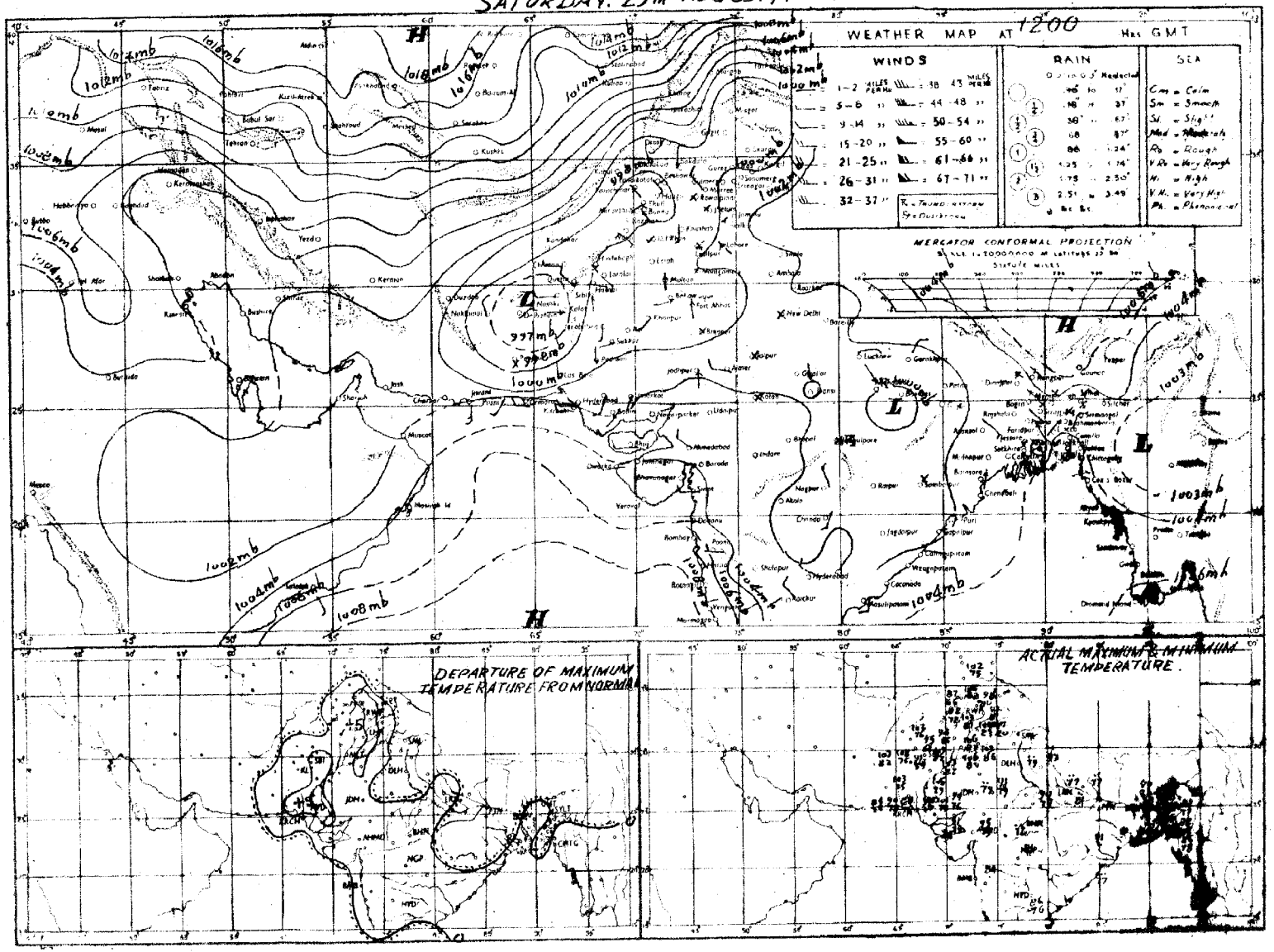
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii 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

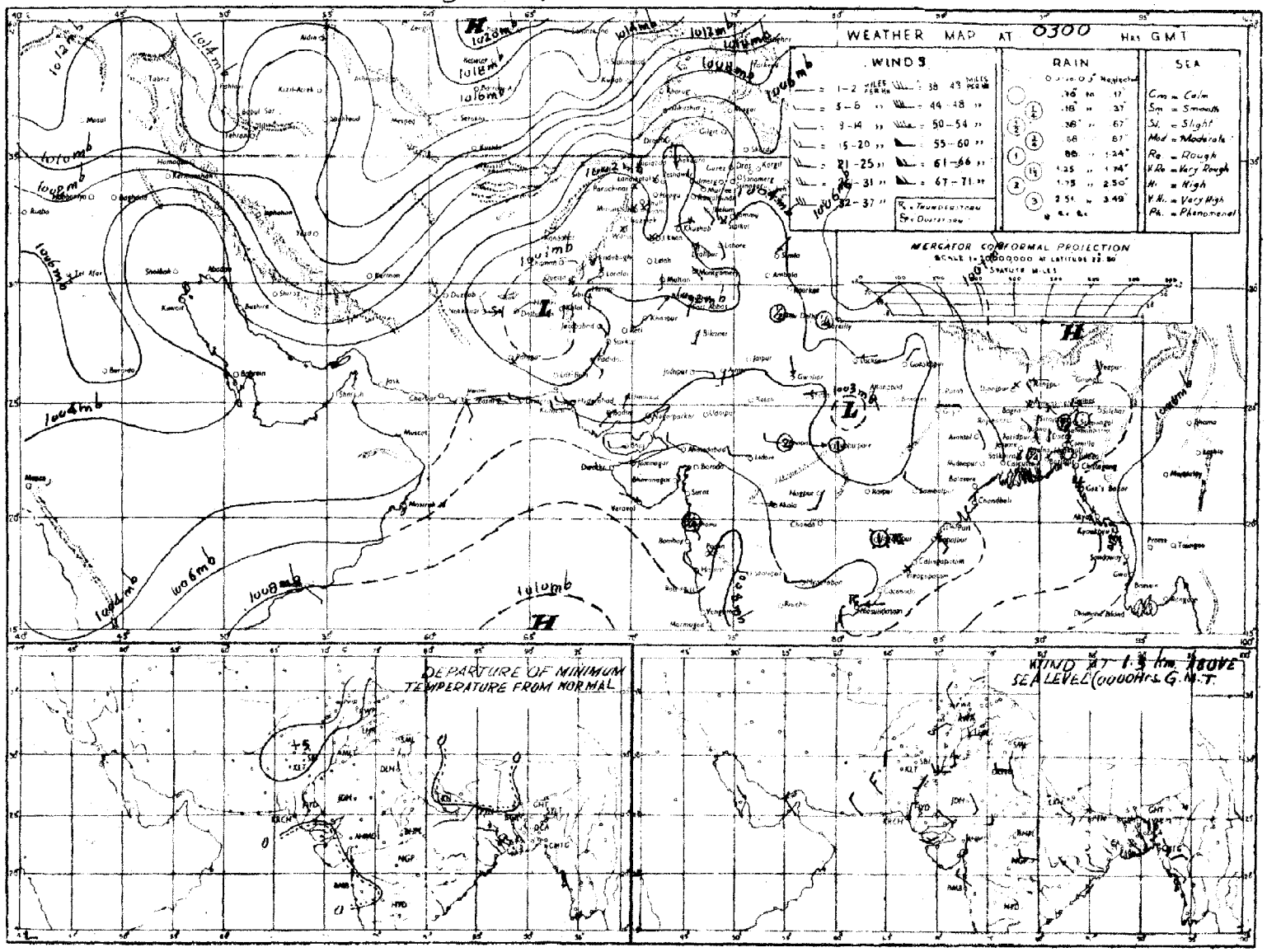
SATURDAY. 25th AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY, 26th AUGUST, 1962.



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. 16

MONDAY THE 27th AUGUST, 1962.

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

The monsoon trough now continues to extend across Punjab (India) to northeast and adjoining east central Bay of Bengal. Rain/thundershowers have been local in Chittagong and Rajshahi divisions and scattered in Khulna division.

Yesterday's westerly low pressure wave has moved away eastwards after causing local rainfall in Lahore division, a few duststorms in Sargodha division and a few falls of drizzle in Rawalpindi division.

Another westerly low pressure wave lies over D. I. Khan and Peshawar divisions.

Chief amounts of rainfall are :—Sylhet and Sialkot 1½" each and Cox's Bazar and Rangpur 1/2" each.

Day temperatures were generally 3—6 °F (2—3 °C) above normal over the country outside Lahore, Khairpur, Karachi, Hyderabad and Chittagong divisions.

Forecast valid until the evening of 28th August, 1962 :—Fairly widespread rain/thundershowers will occur in Rawalpindi division and Kashmir and local in Peshawar, Lahore, Sargodha and Chittagong divisions. Scattered thunderstorm/showers are also likely to occur elsewhere over East Pakistan and in Quetta, D. I. Khan, Multan, Bahawalpur and Khairpur divisions.

Karachi-11
The 27th August, 1962.

M. AZHAR ADIL
for Director, Meteorological Services

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	Rangamati	000	0	7	18	02	96	05	2	946	84	3	8	6	7	4	78	98
	Cox's Bazar	000	0	7	00	00	97	02	2	[illegible]	84	4	4	5	4	8	77	97
	Chittagong	000	0	7	13	05	97	02	2	032	85	4	5	6	1	0	77	88
	Maijdee Court	000	0	4	18	05	97	03	0	037	86	4	6	6	5	0	77	89
	Comilla	000	0	6	18	05	96	02	2	015	87	4	4	7	0	0	80	98
	Brahmanbaria	000	0	3	23	02	97	01	1	030	85	2	2	5	0	1	78	89
	Sylhet	000	9	7	00	00	96	17	9	021	85	6	9	5	2	0	79	89
	Srimangal	000	2	4	00	00	95	29	5	038	84	4	0	3	0	0	78	90
Dacca	Mymensingh	000	0	4	27	02	97	02	1	035	86	2	2	0	0	0	77	91
	Narayanganj	000	9	6	00	00	96	03	1	027	86	2	4	3	3	8	77	91
	Dacca (Tezgaon)	000	0	4	00	00	97	01	1	024	85	1	4	5	7	1	78	89
	Faridpur	000	0	5	16	03	96	02	2	025	87	3	4	6	1	0	80	88
Khulna	Barisal	000	0	4	00	00	97	52	2	025	87	2	0	9	4	2	77	81
	Khulna	000	0	5	00	00	97	01	2	030	86	5	4	6	0	0	77	90
	Satkhira	000	0	6	23	03	97	03	2	053	84	2	7	8	2	0	78	92
	Jessore	006	3	8	18	02	96	62	6	026	84	4	4	5	6	0	81	89
Rajshahi	Pabna	000	0	4	13	05	99	01	2	017	88	1	1	7	0	2	80	90
	Sirajganj	000	0	2	00	00	98	02	1	025	85	2	0	9	0	1	78	87
	Bogra	000	0	5	13	02	96	03	2	023	88	3	5	5	x	1	79	91
	Dinajpur	000	9	6	00	00	96	02	2	019	86	6	0	9	2	0	79	93
	Rangpur	018	2	4	13	02	96	01	6	021	84	1	2	6	1	0	78	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	2	00	00	95	05	0	980	95	1	0	9	3	1	77	96
	Sialkot	000	0	1	09	00	97	02	0	980	93	1	2	6	x	x	81	95
Rawalpindi	Jhelum	000	7	4	19	02	97	02	2	975	95	2	1	7	3	0	75	96
	Rawalpindi	000	0	1	09	03	95	05	0	572	93	1	2	7	0	0	77	96
	Campbellpur	000	0	0	13	02	97	00	0	949	00	0	0	9	0	0	76	09
Sargodha	Khushab	000	0	0	09	00	97	05	4	977	00	0	0	9	0	0	81	03
	Lyallpur	000	0	0	00	10	97	00	0	976	01	0	0	0	0	0	72	01
Multan	Montgomery	000	0	1	00	00	96	02	1	970	00	1	1	8	0	0	76	05
	Multan	000	0	0	18	00	98	02	0	965	04	0	0	9	0	0	64	xx
	Leiah																	
Bahawalpur	Khanpur	000	0	3	23	05	96	03	0	970	02	0	0	9	0	4	66	04
	Bahawalpur	000	0	0	20	02	98	00	0	x x	03	0	0	9	0	0	72	05
	Fort Abbas	000	0	0	36	02	98	00	0	957	06	0	0	9	0	0	71	07
Peshawar	Chakdara	000	0	0	36	01	97	00	0	930	93	0	9	9	0	0	72	95
	Peshawar	000	0	1	05	05	96	06	0	954	59	1	1	6	0	0	74	00
	Haripur	000	0	0	23	01	96	00	0	997	96	0	0	9	0	0	70	97
D. I. Khan	Bannu	000	0	0	16	02	99	00	0	996	02	0	0	9	0	0	70	04
	D. I. Khan	000	0	0	30	00	98	00	0	556	03	0	0	9	0	0	72	04
Quetta	Sibi	000	0	0	23	02	98	00	0	974	06	0	0	9	0	0	68	07
Kalat	Nokkundi	000	0	0	34	25	96	07	0	974	02	0	0	9	0	0	39	03
	Turbat	000	0	0	31	03	96	06	0	973	07	0	0	9	0	0	75	08
	Jiwani	000	0	0	18	12	96	05	0	000	85	0	0	9	0	0	76	87
	Pasni	000	0	0	20	17	95	05	2	983	05	0	0	9	0	0	75	88
Karachi Division	Ormara	000	0	4	18	09	94	03	2	003	84	4	1	6	0	0	78	87
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Manora)	000	0	7	27	09	96	03	2	008	86	0	0	9	7	0	77	89
	Karachi (Airport)	000	0	8	25	09	98	03	2	011	83	5	5	6	5	x	76	85
Hyderabad	Nagarparkar	000	0	2	08	02	97	00	0	985	93	0	2	7	0	0	73	93
	Umerkot	000	0	3	20	02	98	02	0	993	95	1	2	7	0	8	73	96
	Hyderabad	000	0	3	20	12	97	03	0	000	91	3	0	9	9	0	74	95
	Badin	000	0	0	23	02	97	01	1	011	90	0	0	9	0	1	73	95
Khairpur	Padidan	000	0	2	18	05	98	03	0	981	01	0	0	9	0	1	68	01
	Nawabshah	000	0	4	18	07	96	03	0	992	98	1	0	9	3	1	72	01
	Sukkur	000	4	4	23	02	97	03	1	972	02	0	0	9	0	3	79	03
	Kalimdera	000	0	0	00	00	97	02	0	985	01	0	0	9	0	0	68	03
	Jacobabad	000	0	0	18	03	97	02	0	983	01	0	0	9	0	0	91	02
Junagadh	Veraval	xxx	x	8	27	08	96	02	2	038	81	3	8	5	2	x	77	xx
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **	xxx	8	2	31	10	98	03	0	019	xx	8	8	8	0	0	41	82
	Leh *																	
	Skardu **	000	0	0	13	05	98	00	0	067	77	0	0	9	0	0	29	80
	Misgar *																	
	Aliabad *																	
	Gilgit *	000	0	0	00	00	90	00	0	xxx	xx	0	0	9	0	0	59	xx
Rawalpindi	Murree *	000	6	8	11	09	97	03	4	441	70	8	5	2	x	x	65	73
Peshawar	Drosh *	000	0	0	23	16	99	02	0	402	95	0	0	9	0	0	50	99
	Cherat *	000	0	0	13	05	98	01	0	385	90	0	0	9	0	0	71	93
	Kakul *	000	8	2	13	07	97	01	1	435	82	2	2	6	0	0	70	86
	Landikotal *	000	0	1	13	03	97	02	0	417	93	1	1	7	0	0	48	99
	Parachinar *	000	0	3	13	02	99	00	2	439	85	3	0	9	1	0	62	88
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	445	97	0	0	9	0	0	46	98
	Wana *	000	0	0	09	03	99	00	0	509	00	0	0	9	0	0	37	05
Quetta	Fort Sandeman *	000	0	1	00	00	99	01	0	419	00	1	0	8	3	0	45	00
	Hindubagh *	000	0	0	25	05	97	00	0	348	95	0	0	9	0	0	54	98
	Loralai *	000	0	0	16	03	99	00	0	419	90	0	0	9	0	0	64	94
	Harnai *	000	0	0	23	05	97	00	0	417	95	0	0	9	0	0	64	97
	Quetta *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chaman *	000	0	0	27	07	98	00	0	438	01	0	0	9	0	0	33	02
	Nushki *	000	0	0	31	05	98	04	5	470	99	0	0	9	0	0	xx	xx
	Dalbandin *	000	0	0	31	05	95	05	0	446	06	0	0	0	0	0	38	09
Kalat	Kalat *	000	5	0	34	07	97	00	0	410	07	0	0	9	0	0	83	97
	Panjgur *	000	0	0	31	14	95	05	0	443	01	0	0	9	0	0	37	02
Afghanistan	Kabul *																	
	Kandhar *																	

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

Divisions	Stations	Rainfall in Cents RRR (20)	Past weather commenced at † Wt (21)	Total cloud amount N (22)	Wind direction in tens of degrees dd (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (25)	Present weather † ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths) PPP (28)	Dry Bulb temperature TT (29)	Amount of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Rangamati	000	0	5	18	02	98	05	1	093	85	3	0	7	6	0	78	79
	Cox's Bazar	047	9	6	18	02	97	02	6	089	82	4	0	5	5	0	74	76
	Chittagong	000	9	5	13	03	97	03	2	081	84	3	5	6	1	1	77	78
	Maijdee Court	000	9	7	18	05	97	03	2	089	82	6	2	7	5	0	76	80
	Comilla	000	0	8	18	05	97	02	3	092	84	8	4	4	4	x	79	60
	Brahmanbaria	000	0	4	18	05	97	03	1	083	85	4	4	5	x	0	78	60
	Sylhet	133	9	6	09	05	96	01	9	089	83	5	8	5	0	1	78	78
	Srimangal	000	0	0	00	00	96	00	0	077	84	0	0	9	0	0	78	78
Dacca	Mymensingh	000	0	4	13	20	97	02	1	081	85	6	2	4	0	0	74	81
	Narayanganj	000	9	4	23	02	97	03	1	080	87	3	4	0	0	8	75	81
	Dacca (Tezgaon)	003	9	5	16	05	97	02	1	078	85	5	8	0	4	3	76	80
	Faridpur	000	0	3	16	02	97	01	1	084	86	2	5	7	1	0	80	80
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna	009	0	6	00	90	97	03	2	080	85	6	9	5	0	0	79	79
	Satkhira	003	4	6	00	00	97	03	2	088	98	3	4	6	0	0	79	78
	Jessore	016	9	6	18	07	96	00	0	xxx	88	4	6	8	0	0	79	78
Rajshahi	Pabna	000	0	5	13	15	99	03	2	078	85	1	2	7	0	2	77	81
	Sirajganj	014	5	3	18	03	98	02	1	078	84	3	1	5	0	0	77	79
	Bogra	000	0	7	23	03	96	17	9	075	84	5	3	5	2	x	80	80
	Dinajpur	000	9	6	00	00	96	02	2	072	83	6	0	9	2	0	79	78
	Rangpur	050	7	7	07	03	96	01	6	076	81	7	5	6	2	0	80	79
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	7	13	03	95	05	0	021	82	7	0	9	7	0	77	79
	Sialkot	135	2	8	05	03	97	20	6	036	76	8	8	6	0	0	75	75
Rawalpindi	Jhelum	000	2	7	00	00	97	03	5	022	77	1	5	7	7	0	73	75
	Rawalpindi	000	0	3	11	03	98	02	2	019	72	8	5	6	0	0	76	80
	Campbellpur	000	0	2	13	01	97	03	0	964	85	0	4	8	0	1	79	85
Sargodha	Khushab	000	0	0	09	95	97	05	0	011	86	0	0	9	0	0	82	83
	Lyallpur	000	0	5	16	02	96	02	3	013	85	0	0	9	0	4	73	84
Multan	Montgomery	000	0	0	00	00	96	02	2	009	87	0	0	9	0	0	75	83
	Multan	000	0	6	18	05	97	03	1	009	87	0	0	9	0	2	74	85
	Leiah																	
Bahawalpur	Khanpur	000	0	4	23	05	96	01	0	013	95	2	0	9	3	5	72	81
	Bahawalpur	...	...	...		...	...		...	...	...	...	...				...	...
	Fort Abbas	003	0	0	23	02	98	00	0	006	91	0	0	9	0	0	73	87
Peshawar	Chakdara	003	0	0	36	02	97	00	0	580	82	0	0	9	0	0	75	77
	Peshawar	000	0	0	31	05	96	05	0	002	85	0	0	9	0	0	78	83
	Haripur	000	3	3	05	02	96	03	1	000	87	3	1	6	0	0	73	79
D. I. Khan	Bannu	000	0	0	00	00	99	01	0	973	89	0	0	9	0	0	72	84
	D. I. Khan	000	2	6	05	02	98	02	1	994	88	0	0	9	0	6	77	83
Quetta	Sibi	000	2	5	18	02	97	05	1	009	88	0	0	9	3	2	73	86
Kalat	Nokkundi	000	9	0	34	19	95	07	3	041	77	0	0	9	0	0	31	75
	Turbat	000	0	0	21	02	96	05	0	020	85	0	0	9	0	0	76	xx
	Jiwani	000	0	3	13	05	97	01	1	024	81	3	6	4	0	0	75	78
	Pasni	000	0	9	25	04	96	04	1	014	81	8	4	7	0	0	78	81
Karachi Division	Ormara	000	0	8	18	03	94	03	2	017	80	8	1	9	1	0	77	79
	Lasbela	000	0	4	18	02	97	00	0	955	84	4	0	8	4	0	78	83
	Karachi (Manora)	000	0	4	27	05	96	01	1	014	81	0	0	9	3	0	75	79
	Karachi (Airport)	000	0	6	27	05	96	02	2	070	80	3	6	5	3	0	76	78
Hyderabad	Nagarparkar	000	0	3	13	02	97	00	0	989	82	0	0	9	0	3	72	xx
	Umerkot	000	0	3	30	02	97	02	0	025	81	0	0	8	0	8	77	77
	Hyderabad	000	0	4	33	09	97	03	1	023	83	0	0	9	0	1	73	79
	Badin	000	0	0	23	01	97	03	0	038	82	0	0	9	0	0	75	78
Khairpur	Padidan	000	0	0	13	10	98	02	0	011	81	0	0	9	0	0	73	78
	Nawabshah	000	0	4	18	05	96	05	0	017	82	2	0	9	3	1	73	77
	Sukkur	000	0	0	30	02	97	02	0	014	82	0	0	9	0	0	73	79
	Kalimdera	000	0	0	03	08	99	00	0	982	84	9	0	9	0	0	69	76
	Jacobabad	000	0	2	13	07	97	03	0	011	84	0	0	9	0	2	81	81
Junagadh	Veraval	—	...	—	—	...	—	—	—	—	...	...	—	—	—	—	—	—
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **	...	...	...	...	...	...	...	...	...	—	—	—	—	—	—	—	—
	Leh *																	
	Skardu **	003	0	2	31	02	98	03	0	C48	61	0	0	9	4	0	34	51
	Misgar *																	
	Aliabad *																	
	Gilgit *	000	0	0	00	00	99	00	0	436	78	0	0	9	0	0	69	70
Rawalpindi	Murree *	001	6	8	27	02	99	03	4	457	65	8	9	2	1	1	60	61
Peshawar	Drosh *	000	3	1	00	00	97	05	4	450	78	1	2	8	0	0	60	76
	Cherat *	000	0	0	23	05	98	02	0	403	75	0	0	9	0	0	74	62
	Kakul *	000	9	7	16	03	96	20	1	452	77	7	9	6	0	0	69	73
	Landikotal *	000	0	0	23	02	97	00	0	436	83	0	0	9	0	0	40	74
	Parachinar *	000	0	0	08	04	99	00	0	452	70	0	0	9	0	0	57	68
D. I. Khan	Miranshah *	000	0	0	00	00	99	80	0	433	84	0	0	9	0	0	64	79
	Wana *	...	—	—	...	—	—	—	—	—	—	—	—	—	—	—	—	—
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	454	80	0	0	9	0	0	63	76
	Hindubagh *	000	9	0	27	05	97	00	0	442	77	0	0	9	0	0	59	63
	Loralai *	000	0	4	07	03	99	00	1	428	78	0	0	9	1	2	64	65
	Harnai *	000	0	0	36	05	97	00	0	436	82	0	0	9	0	0	65	78
	Quetta *	000	0	0	00	00	96	00	0	454	72	0	0	9	0	0	60	61
	Chaman *	000	0	0	13	07	96	07	4	449	74	0	0	9	0	0	32	72
	Nushki *	000	0	0	31	05	96	04	5	486	81	0	0	9	0	0	40	78
	Dalbandin *	003	9	0	23	05	92	05	4	451	82	0	0	9	0	0	44	81
Kalat	Kalat *	000	0	0	31	03	96	00	0	454	68	0	0	9	0	0	40	60
	Panjgur *	000	0	0	34	03	95	05	0	452	70	0	0	9	0	0	40	78
Afghanistan	Kabul *																	
	Kandhar *																	

Departures from Normal of — Rainfall

Divisions	Stations	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	—	—	—	—
	Cox's Bazar	+1	0	90.5	−0.8	1013.	140
	Chittagong	+2	+2	64.6	+1.9	78.1	100
	Maijdee Court	+4	+2	66.1	+0.1	88.3	119
	Comilla	+2	−17	—	—	—	[illegible]
	Brahmanbaria	—	—	37.2	−0.3	[illegible]	70
	Sylhet	—	—	80.6	—	162.7	—
	Srimangal	0	+2	—	—	—	90
Dacca	Mymensingh	+4	+3	43.2	−4.0	[illegible]	91
	Narayanganj	+3	+2	31.1	−3.8	[illegible]	70
	Dacca (Tezgaon)	—	—	41.9	—	[illegible]	—
	Faridpur	+1	+2	28.1	−8.2	[illegible]	71
Khulna	Barisal	+6					81
	Khulna	+7	+1	30.0	−9.0	37.9	68
	Satkhira	+3	0	39.4	−3.5	46.6	65
	Jessore	—	—	28.9	−5.3	30.6	65
Rajshahi	Pabna	—	—	33.3	—	51.8	80
	Sirajganj	0	0	—	—		64
	Bogra	+3	+2	31.2	−6.0	47.7	67
	Dinajpur	+4	0	35.4	−4.5	42.6	73
	Rangpur	0	+2	39.0	−6.6	61.2	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	−1	+2	7.3	−4.5	[illegible]	[illegible]
	Sialkot	+1	−1	19.0	0	[illegible]	[illegible]
Rawalpindi	Jhelum	—	—	13.3	—	[illegible]	
	Rawalpindi	+3	+6	21.5	−2.9	[illegible]	[illegible]
	Campbellpur	—	—	9.6	—	[illegible]	—
Sargodha	Khushab	+1	+2	1.1	−7.6	[illegible]	15
	Lyallpur	+4	+5	5.4	−1.8	[illegible]	[illegible]
Multan	Montgomery	+5	+2	6.3	+0.3	9.4	[illegible]
	Multan	—	+3	8.3	−4.0	2.0	[illegible]
	Leiah						8
Bahawalpur	Khanpur	+1	+2	3.3	−1.3	4.3	6
	Bahawalpur	+4					6
	Fort Abbas	—	—	0.6	—	0.9	8
Peshawar	Chakdara	—	—	6.3	—	15.2	—
	Peshawar	+3	+6	1.5	−1.9	8.1	11
	Haripur	—	—	16.9	—	23.5	—
D. I. Khan	Bannu	—	—	1.9	—	4.9	11
	D. I. Khan	+4	+3	1.6	−4.0	4.4	9
Quetta	Sibi	—	—	2.6	—	3.7	5
Kalat	Nokkundi	—	—	0	—	0.1	3
	Turbat	—	—	1.8	—	4.6	—
	Jiwani	—	—	1.2	—	1.9	5
	Pasni	0	+6	0	−0.9	0.2	6
Karachi Division	Ormara	—	—	0.1	−0.7	2.0	6
	Lasbela	—	—	0	—	0	8
	Karachi (Manora)	+4	+1	3.7	−1.7	3.7	8
	Karachi (Airport)	—	—	4.9	—	4.8	—
Hyderabad	Nagarparkar	—	—	6.4	—	6.4	—
	Umerkot	—	—	5.3	—	5.4	—
	Hyderabad	−1	+1	4.3	−1.0	5.1	7
	Badin	+2	0	3.5	−2.3	4.1	9
Khairpur	Padidan	—	—	2.2	—	3.8	—
	Nawabshah	—	—	2.7	—	3.1	—
	Sukkur	—	—	2.5	—	2.5	4
	Kalimdera	—	—	0.5	—	0.5	—
	Jacobabad	1	0	1.0	−1.1	1.9	4
Junagadh	Veraval	—					20
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						5
HILL STATIONS							
Kashmir	Srinagar *						26
	Gulmarg **						—
	Sonamarg **						71
	Dras **	—					26
	Leh *						3
	Skardu **	—	—	—	—	—	6
	Misgar *						—
	Aliabad *						—
	Gilgit *	—	—	—	—	—	8
Rawalpindi	Murree *	+3	4	23.3	−5.7	41.7	30
Peshawar	Drosh *	+4	−6	4.4	—	16.3	18
	Cherat *	+8	−7	9.0	−0.3	33.1	29
	Kakul *	—	—	23.9	—	39.5	—
	Landikotal *	—	—	1.8	—	17.9	—
	Parachinar *	+3	+5	9.3	—	22.8	39
D. I. Khan	Miranshah *	—	—	0.6	−3.0	2.4	13
	Wana *	—					11
Quetta	Fort Sandeman *	+5	+5	4.2	+0.6	9.0	11
	Hindubagh *	—	—	0.8	—	4.4	—
	Loralai *	—	—	1.1	—	4.6	9
	Harnai *	—	—	3.9	−5.3	7.2	14
	Quetta *	—	—	0.1	−0.9	4.3	9
	Chaman *	+7	+4	0	−0.1	2.3	8
	Nushki *	—	—	0	—	1.6	—
	Dalbandin *	+4	+12	0	−0.2	1.1	4
Kalat	Kalat *	+7	+6	0.2	+0.9	2.4	7
	Panjgur *	+2	+7	0.3	—	1.3	6
Afghanistan	Kabul *						12
	Kandhar *						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 27th AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN				YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_dT_dT_d$	$I_dI_dP_wH_w$
1				2	3	4	5	6	7	8	9	10	11
ARABIAN SEA													
Shems	...	...	...	13 222	685 00	2 18 09	96 0 11	032 82	x1 3 18	36 1 xx	—	00 2 70	11 0 23
Serenia	...	...	...	14 236	593 06	1 99 03	98 0 20	066 90	00 9 10	36 3 09	—	00 1 82	14 9 20
Alfred Fraissinet	...	...	...	13 163	543 06	8 24 14	97 0 22	106 77	05 5 xx	53 2 10	—	00 0 75	12 4 21
Cilicia	...	...	...	13 165	547 06	5 22 13	98 0 21	097 77	05 4 00	26 2 00	—	00 1 73	12 2 22
Loosdrecht	...	...	...	13 212	655 06	8 26 11	98 0 26	064 94	30 7 40	57 x xx	—	00 0 73	12 6 23
Loosdrecht	...	...	...	13 206	646 12	8 23 13	98 0 22	032 79	06 4 xx	53 x xx	—	05 1 73	12 3 33
Sermania	...	...	...	13 323	606 12	1 19 18	88 0 20	059 76	00 9 10	36 4 00	—	05 1 73	12 9 22
Alamark	...	...	...	13 191	581 12	0 23 17	97 0 20	050 77	00 9 00	16 7 15	—	00 1 70	12 3 23
Socotra	...	...	...	13 241	622 12	5 20 13	96 0 30	012 02	55 9 xx	25 7 15	—	00 0 29	12 0 21
Serenia	...	...	...	13 213	620 18	1 19 18	98 0 20	033 67	10 9 10	36 3 00	—	05 1 59	11 9 22
Cilicia	...	...	...	13 183	578 18	0 20 24	98 0 70	487 90	00 9 00	26 4 00	—	00 1 71	12 0 23
Dwarka	...	...	...	13 235	674 18	8 22 00	98 0 32	038 82	84 6 xx	35 7 25	—	03 0 77	12 2 21
Vallecia	...	...	...	13 132	730 18	8 28 12	97 6 36	109 78	xx x xx	35 1 11	—	05 3 75	12 8 33
Alamark	...	...	...	13 206	593 18	0 23 16	90 0 20	040 76	00 9 00	16 2 10	—	00 2 72	12 3 32
Kokoselmen	...	...	...	13 085	707 18	7 27 05	97 0 22	109 81	77 3 xx	65 2 12	—	08 3 81	
Barpeta	...	...	...	13 248	578 18	7 30 05	99 6 50	027 97	00 9 00	75 5 74	—	00 0 85	13 6 28
Esso General	...	...	...	13 182	616 18	8 33 16	98 0 32	035 70	84 6 00	16 2 06	—	00 0 78	12 3 13
British Resource	...	...	...	13 255	574 18	0 00 00	66 0 20	001 89	00 9 00	35 5 00	—	00 3 86	1x x xx

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
		$PPPI_tTT_dT_dT_d$	HHHTTT$T_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...														
[illegible] ...														
Karachi ...	00 00	000 282 255	022 272 255	—	142 165 145	—	309 135 008	437 058 992	584 538 995	757 612 992	972 762	281 900	437 020	—
Lahore ...	00 03	977 302 253	007 xxxxxx	—	141 240 181	...	314 172 563	443 095 995	583 012 995	761 590 010	985 815	278 858	407 900	—
Multan ...														
Peshawar ...	00 00	959 282 262	—	...	141 255 090	...	310 152 998	438 068 995	586 515 995	760 420 990	974 762	258 900	...	—
Quetta ...	00 00	826 228 085	...	...	...	...	313 125 002	438 050 990	584 550 990	757 615 995	073 720	—	—	—

STATION	Time of ascent in G.M.T.	At Significant Levels: $PPPTTT_dT_dT_d$									Max. Height Reached $PPPTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...													
[illegible] ...													
Karachi ...	00 00	900 248 162	800 218 052	...	...	—	—	—	—	—	800 218 052	...	—
Lahore ...	00 00	900 270 208	800 292 072	...	—	—	—	—	—	—	800 272 072	—	—
Multan ...													
Peshawar ...	00 00	900 282 992	800 285 995	...	—	—	...	—	—	—	800 275 995	—	—
Quetta ...	00 00	800 085 058	—	...	—	—	—	—	—	—	800 185 058	...	—

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

UPPER WIND DATA*

Height in Kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 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 06	20 06	20 06	19 06	18 06	16 05	18 04	11 02	13 06	20 11	20 08	18 07		—	—	19 06	19 06				—	—	—	—	—	—
Chaklala ...		23 08	32 03	24 03	29 12	30 07	38 10	36 14	35 10		15 15	17 13	16 09				15 06	19 06	22 04	28 04		—	—	—	—	—
Chhor ...	20 05	18 07	16 08	14 05	36 02	01 07	07 12	07 15	07 14	21 17	23 21	20 21	18 13	12 06	04 10	20 13	20 13	20 24	19 15	16 11	14 08	—	—	—	—	—
Chittagong ...	23 08	23 11	21 10	20 12	17 09	12 06	08 09	01 16	10 17	36 11	27 11	17 33	17 13	—	—	20 13	19 10	19 09	15 07	—	—	—	—	—	—	—
Cox's Bazar ...	21 09	21 09	20 09	19 07	—	—	—	—	—	51 41	17 08	—	—	—	—							—	—	—	—	—
Dacca ...	17 08	20 08	21 08	21 11	21 10	17 08	14 07	10 08	10 09	18 03	18 05	18 03	18 07	—	...	18 08	18 06	18 07	18 09	18 06	15 03	14 02	11 08	10 07	11 06	08 24
Dalbandin ...	—	—	29 01	27 04	30 04	35 05	33 08	30 11	34 12	—	—	26 10	22 03	14 03	22 04	—	—	31 06	09 06	—	—	—	—	—	—	...
D.I. Khan ...	—	—	—	—						—	—	—				—	—	—	—							
Drosh ...	—	—	—	—	23 23	24 27	16 14	19 19	32 06	—	—	—	25 04	25 04	26 05	—	—			24 05	23 05	21 04	12 05	14 08	—	...
Fort Sandeman ...				xx xx	28 05	36 04	31 17						20 03	19 02	33 05				28 08	02 03	18 06				—	...
Jacobabad ...	15 07	17 09	47 09	19 05	26 02	02 08	01 12	34 24	33 24	19 18	20 08	14 15	22 01	22 07	32 07	16 05	11 03	11 05	13 05	28 03	02 07	07 05	32 05	05 03	—	—
Jessore ...	19 11	19 13	20 09	19 07	18 06	15 05	—	—	...	10 10	20 12	17 08	15 07	15 07	18 06	10 06	17 01	16 08	—						—	—
Jhelum ...	17 03	17 04	18 04	25 06	30 14	31 11	—			13 09	15 11	17 09	xx xx	27 09	30 11	11 07	13 05	19 06	28 09	29 11	29 07	29 08	—		—	...
Jiwani ...	21 08	25 06	27 04	36 13	36 16	34 20	35 08	10 12	05 06	12 04	01 02	34 05	34 09	—	—	14 06	04 02	05 07	01 06	—	—		...		—	...
Karachi ...	24 16	24 14	25 12													35 15	36 12	26 13							—	...
Khanpur ...	23 16	22 13	22 14	20 19	19 15	27 06	20 18	02 31	02 15	33 19	23 20	23 16	24 13	20 08	17 06	22 12	22 17	23 13	18 12	20 12	08 07	04 06	04 10	—	—	...
Lahore ...	13 04	15 05	15 03	27 05	31 10	30 12	31 08	31 11	33 44	12 04	15 09	18 14	19 11	28 09	29 13	14 07	15 08	18 07	24 05	—	—	—	—	—	—	...
Multan ...	20 11	21 13	21 13	30 05	04 03	34 06	33 15	33 06	32 04	21 18	28 27	23 10	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Muscat ...							—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	...
Panjgur ...	—	—	—	35 07	35 07	02 08	—	—	—	—	—		33 14	30 16	—	—	—	—	34 07	29 03	26 02	—	—	—	—	...
Peshawar ...	—	09 03	04 03	02 01	32 03	24 01	26 17	28 18	29 15	—	36 04	34 05	32 06	29 08	29 12	—	07 06	10 06	35 02	24 06	23 17	21 18	27 19	27 08	23 28	26 26
Quetta ...	—	—	—	—	27 05	31 07	34 10	02 15	35 10	...	...	—	—	30 04	31 04	—	—	—	—	32 08	29 03	—	—	—	—	...
Sharjah ...				—	—	—	—	...	...				—	—	—	—		—	—	—	—	—	—	—	—	...
Sylhet ...	27 06	27 08	25 08	22 09	20 08	20 07	—	...	...	25 04	23 05	21 03	—	—	—	No	Ascent	—	—	—	—	—	—	—	—	...
Varanasi ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong ...																		—
Dacca ...																		—
Karachi ...	28 12	26 12	28 08	01 48	01 13	04 19	07 25	07 30	07 12	08 24	13 24	18 21	10 25	10 43	10 49	—	—	—
Peshawar ...	—	34 21	33 14	30 16	27 10	31 08	28 11	29 09	29 12	29 17	28 19	29 33	30 38	28 48	—	—	—	—
Quetta ...																		

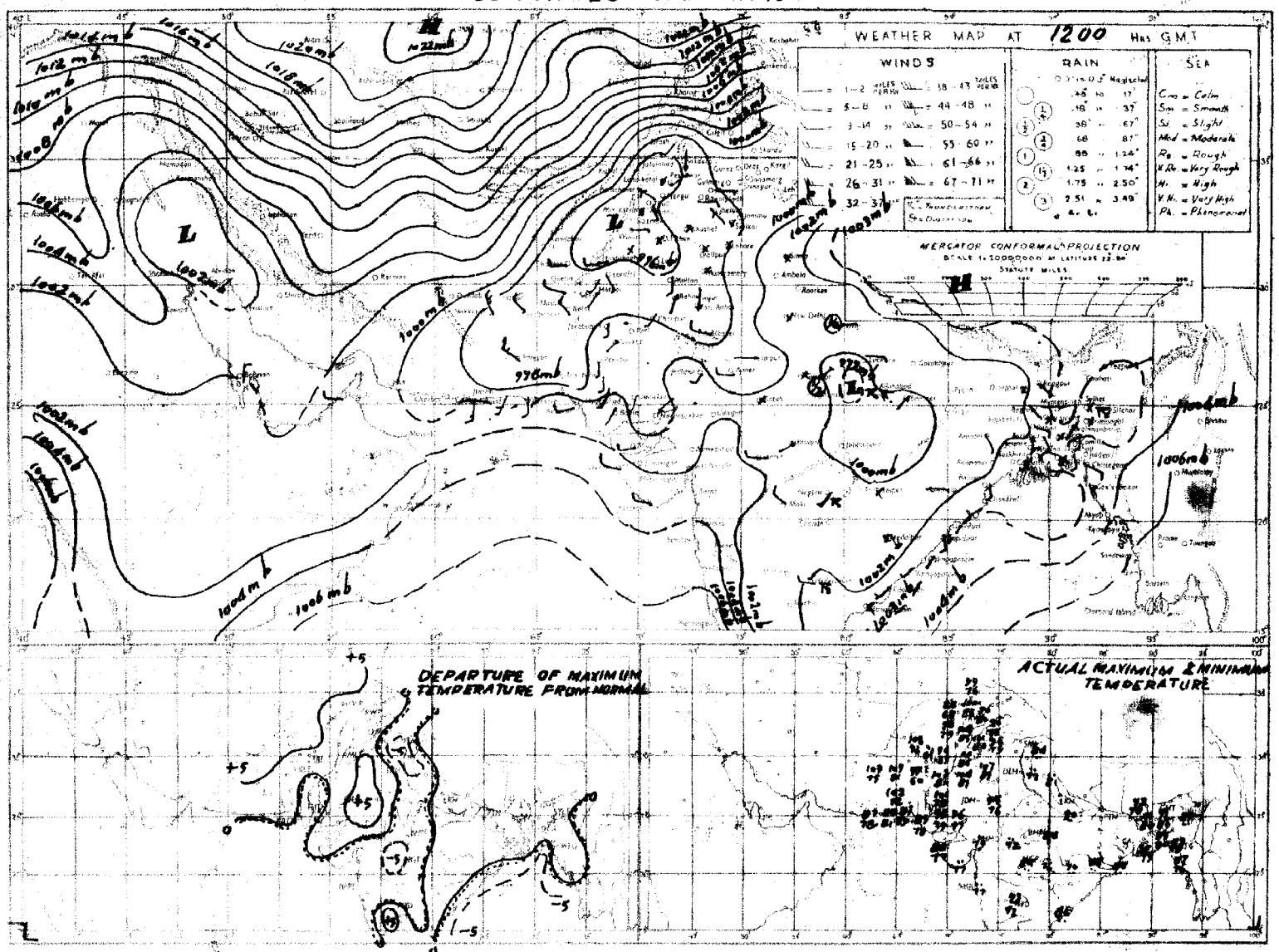
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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 [illegible]

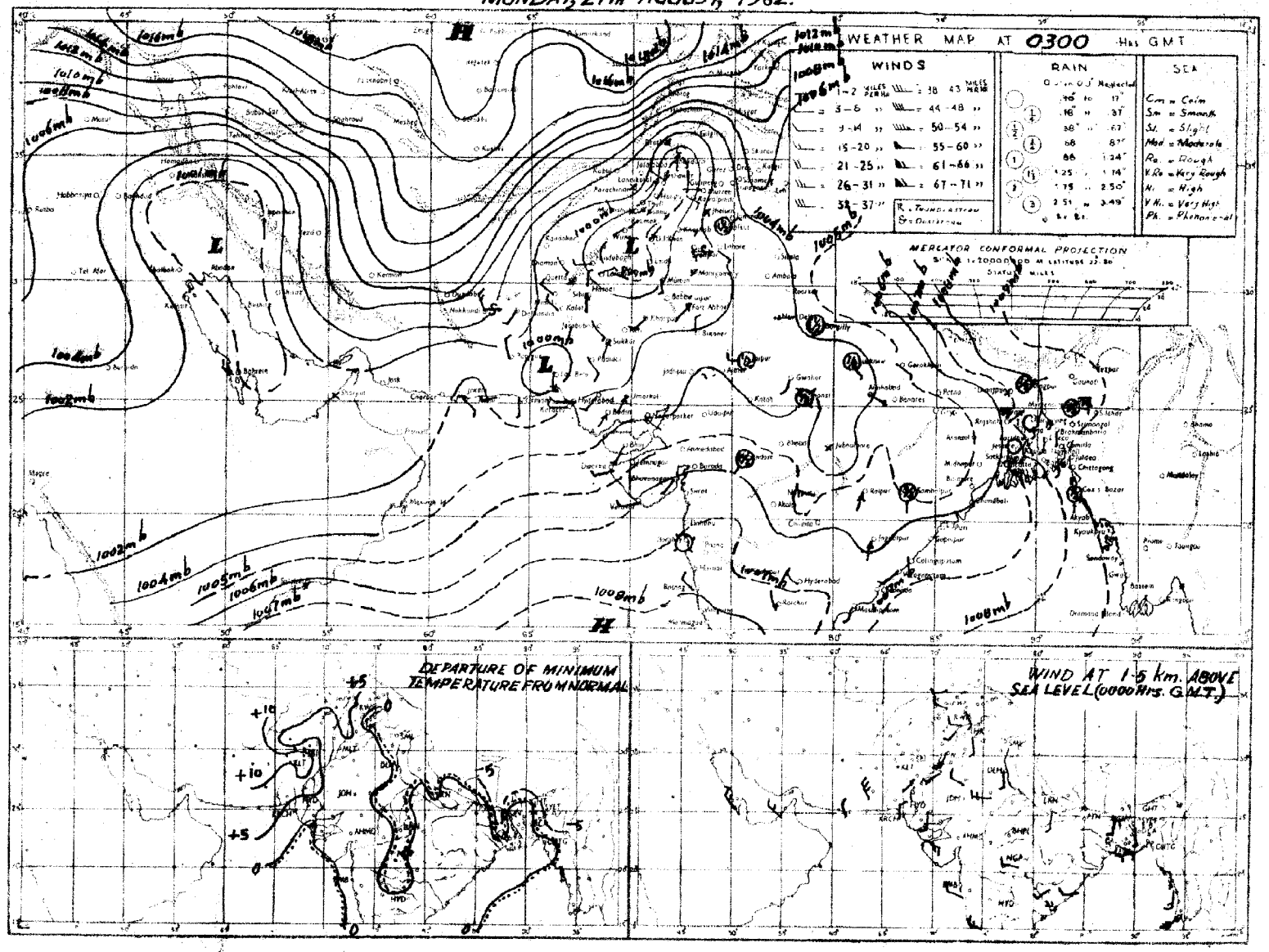
PAKISTAN DAILY WEATHER MAP

SUNDAY 26th AUGUST, 1962.



PAKISTAN DAILY WEATHER MAP

MONDAY, 27th AUGUST, 1962.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

TUESDAY THE 28th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Axis of monsoon trough runs from Multan division to the northern parts of East Pakistan across Uttar Pradesh and Bihar.

Rain/thundershowers have been local in East Pakistan outside Dacca division where these have been local.

Yesterday's westerly low pressure wave has moved away eastwards.

A fresh westerly low pressure wave today lies over Peshawar and D. I. Khan divisions.

These have caused fairly widespread rain/thundershowers in Rawalpindi division; local in Peshawar and Lahore divisions and scattered in D. I. Khan and Quetta divisions. Fairly widespread dust or thunderstorms have also been reported from Sargodha division.

Chief amounts of rainfall are :—Sialkot and Jhelum 3" each; Kakul 2"; Sylhet, Cherat and Fortsandeman ¾" each; Barisal Pabna, Rawalpindi, Murree and Haripur ½" each and Rangamati, Cox's Bazar, Mymensingh and Satkhira ¼" each.

Day temperatures were 3—6 °F (2—3 °C) above normal in Dacca, Multan, D. I. Khan and Karachi divisions and to the same extent below normal in Lahore, division and also in Kalat division outside coastal districts.

Forecast valid until the evening of 9th August, 1962 :—Rain/thundershowers will be fairly widespread in East Pakistan and Kashmir, local in Rawalpindi division and scattered in Lahore, Peshawar, Sargodha and D. I. Khan divisions.

Karachi-11
The 28th August, 1962.

OBSERVATIONS

M. AZHAR ADIL
for Director, Meteorological Service.

Divisions 1	Stations 2	At 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR 3	Past weather commenced at † W1 4	Total cloud amount N 5	Wind direction in tens of degrees dd 6	Wind speed in Knots ff 7	Horizontal visibility † vv 8	Present weather ww 9	Past weather † W 10	Sea level pressure (mbs. and tenths) PPP 11	Dry Bulb temperature °F TT 12	Amount of Lowest Cloud Nh 13	Low Cloud form † CL 14	Height of Lowest Cloud † h 15	Medium Cloud form † CM 16	High Cloud form CH 17	Dewpoint temperature °F TdTd 18	Maximum temperature °F TxTx 19	At 0300 Hrs. G.M.T. of date: Rainfall in Cents RRR 20	Past weather commenced at † W1 21	Total cloud amount N 22	Wind direction in tens of degrees dd 23	Wind speed in Knots ff 24	Horizontal visibility † VV 25	Present weather † ww 26	Past weather † W 27	Sea level pressure (mbs. and tenths)* PPP 28	Dry Bulb temperature TT 29	Amount of Lowest Cloud † Nh 30	Low Cloud form † CL 31	Height of Lowest Cloud † h 32	Medium Cloud form † CM 33	High Cloud form † CH 34	Dewpoint Temperature °F TdTd 35	Minimum Temperature °F TnTn 36	Departure from Normal of: Maximum Temperature TxTx 37	Minimum Temperature TnTn 38	Rainfall: Since 1st June 1962 to date 39	Departure from normal 40	Since 1st January, 1962 to date 41	Annual Normal 42
Chittagong	Rangamati —	007	3	7	18	09	97	05	6	072	82	6	7	5	8	x	76	92	037	9	5	18	01	98	05	6	107	83	3	8	7	7	4	78	77	—	—	—	—	—	—
	Cox's Bazar —	000	0	7	20	13	97	03	2	060	83	5	8	5	7	0	77	xx	024	9	7	36	07	97	02	6	093	83	4	4	5	3	8	78	77	—	+ 1	90.8	— 1.4	401.5	143
	Chittagong —	003	4	8	18	10	96	60	x	055	82	8	7	4	x	x	76	85	010	9	4	13	07	97	02	6	033	82	3	5	6	1	0	76	77	— 1	+ 1	64.7	+ 1.4	78.3	108
	Maijdee Court —	000	9	5	18	05	97	03	0	080	83	7	2	7	5	0	77	88	010	9	6	13	05	96	03	0	091	85	3	5	5	2	x	79	78	+ 3	0	65.1	— 0.5	85.2	115
	Comilla —	000	0	8	18	02	96	05	2	081	83	6	4	6	x	4	78	90	000	0	6	18	05	97	02	3	088	86	8	4	4	x	x	79	xx	+ 2	—	—	—	—	94
	Brahmanbaria —	000	3	6	18	03	97	03	9	051	85	6	3	5	0	0	79	89	000	0	4	18	05	97	03	1	091	84	4	4	5	0	0	79	79	—	—	37.2	— 0.6	54.9	76
	Sylhet —	058	7	7	00	00	96	02	9	045	81	6	5	6	2	0	78	xx	078	9	8	00	00	96	51	6	087	81	6	5	5	2	x	77	75	—	—	8.4	—	100.4	—
	Srimangal —	000	0	8	03	00	92	03	0	099	80	9	4	3	0	0	73	92	008	0	0	18	03	95	00	0	089	82	0	0	9	0	0	76	77	+ 2	+ 1	—	—	—	99
Dacca	Mymensingh —	000	0	8	13	02	97	02	1	051	85	8	0	8	2	x	78	87	033	0	8	13	02	97	64	1	091	80	8	7	4	x	x	80	78	0	0	43.5	— 4.3	59.5	91
	Narayanganj —	000	9	8	25	02	96	03	2	052	85	8	4	3	x	x	76	92	003	9	8	13	02	97	03	2	084	87	5	4	3	7	x	77	81	+ 4	+ 2	33.1	— 4.2	50.4	74
	Dacca (Tezgaon) —	000	0	7	23	05	98	02	2	044	85	3	8	5	0	4	79	90	001	9	7	16	05	97	02	1	079	84	5	8	4	1	3	73	84	—	—	41.9	—	46.3	—
	Faridpur —	000	0	5	16	05	96	01	1	046	87	3	4	6	1	0	81	88	000	0	8	16	02	96	02	2	091	84	6	5	6	1	0	78	xx	+ 1	—	28.1	— 8.5	41.4	77
Khulna	Barisal —	060	4	3	00	00	96	03	6	057	82	3	6	6	0	0	78	89	062	9	6	18	02	96	02	6	089	83	6	0	9	6	0	79	80	+ 2	+ 2	—	—	—	81
	Khulna —	000	0	5	00	00	97	01	2	050	84	5	5	6	0	0	78	88	009	0	5	00	00	97	03	2	157	84	5	5	4	0	0	77	79	0	+ 1	33.0	— 9.4	37.8	40
	Satkhira —	035	5	5	00	00	97	03	6	066	85	2	2	8	2	0	79	93	035	9	6	03	03	97	03	6	091	86	4	4	6	2	0	77	79	+ 1	+ 1	9.7	+ 3.5	46.7	65
	Jessore —	000	0	7	18	03	97	03	2	045	86	4	5	6	6	2	81	83	000	0	7	18	03	97	03	2	08	85	6	5	6	6	0	79	79	—	—	29.9	— 5.6	38.6	65
Rajshahi	Pabna —	045	0	7	00	00	97	95	2	041	84	6	3	6	0	1	81	93	045	0	6	13	05	99	03	2	079	85	3	2	7	3	2	77	81	—	—	33.8	—	59.3	59
	Sirajganj —	000	0	8	00	00	98	02	1	043	85	8	0	9	0	2	76	86	03	0	4	18	02	97	92	1	085	83	4	5	5	x	x	79	83	— 1	+ 1	—	—	—	64
	Bogra —	000	9	7	00	00	96	02	9	041	85	2	5	6	2	0	78	87	010	2	8	03	00	96	21	6	078	82	3	4	5	x	x	77	81	— 1	+ 3	31.3	— 6.3	41.9	69
	Dinajpur —	000	9	5	00	00	96	02	2	038	87	5	0	9	2	0	79	90	003	9	6	00	00	96	02	2	077	85	6	0	9	2	0	79	71	+ 1	— 7	35.4	— 5.3	47.6	72
	Rangpur —	068	7	4	18	02	96	01	6	042	85	2	4	6	1	0	80	87	001	0	6	18	05	96	01	2	077	85	4	4	6	4	0	77	80	— 2	+ 3	39.1	— 7.8	61.7	84
Kashmir	Jammu —																																								—
Lahore	Lahore (Jail Rd.) —	000	8	5	09	03	95	05	1	001	93	3	2	6	0	2	77	95	000	1	6	05	07	96	59	6	054	78	6	6	5	2	x	72	77	— 4	0	7.3	— 4.6	13.7	79
	Sialkot —	000	0	1	00	00	98	01	0	011	88	4	2	6	x	x	81	98	251	2	8	05	03	97	21	6	053	73	5	8	6	x	x	73	71	— 5	— 6	21.5	+ 2.3	30.0	82
Rawalpindi	Jhelum —	000	0	3	13	07	97	02	1	004	89	1	1	7	1	0	73	90	262	6	2	36	03	97	95	9	063	73	4	3	5	2	x	71	71	—	—	15.3	—	22.0	—
	Rawalpindi —	000	0	7	13	03	98	03	2	005	85	7	6	6	0	0	74	94	049	0	2	09	03	97	01	2	054	75	2	0	9	6	0	65	71	+ 1	— 3	23.?	+ 3.1	28.1	36
	Campbellpur —	000	0	4	13	02	97	00	0	957	93	0	1	8	0	1	73	94	003	0	2	10	03	97	02	0	979	77	0	1	8	0	2	67	77	—	—	8.6	—	16.9	—
Sargodha	Khushab —	000	0	0	09	09	95	06	4	989	93	0	0	9	0	0	79	98	000	2	8	09	14	97	03	9	055	78	5	5	7	3	0	71	75	— 1	— 6	3.1	— 8.6	6.1	15
	Lyallpur —	000	0	0	00	00	97	00	0	995	98	0	0	9	0	0	79	98	003	0	6	35	03	96	03	3	044	82	6	7	8	0	0	75	81	+ 1	+ 2	5.4	— 1.9	9.2	13
Multan	Montgomery —	000	0	3	23	00	96	03	0	992	00	0	0	9	0	1	74	02	003	0	0	13	03	96	02	0	034	86	0	0	9	0	0	76	81	+ 2	+ 1	6.3	+ 0.3	9.4	10
	Multan —	000	0	6	23	03	97	03	1	978	00	2	0	9	5	2	69	03	000	0	4	18	05	98	01	1	022	88	2	0	9	3	1	75	69	+ 5	+ 2	0.3	— 4.0	2.0	7
	Leiah —	000	0	0	23	04	97	00	0	961	99	0	0	9	0	0	77	04	000	0	0	23	04	97	00	0	937	89	0	0	9	0	0	73	75	—	—	—	—	—	8
Bahawalpur	Khanpur —	000	0	4	13	07	96	02	1	980	01	0	0	9	0	4	65	02	000	0	4	23	02	96	02	0	031	95	0	0	9	0	4	72	87	— 1	+ 1	3.3	— 1.3	4.3	6
	Bahawalpur —	000	0	0	25	04	98	01	0	962	02	0	0	9	0	0	73	05	000	0	8	23	02	98	00	0	026	87	0	0	9	0	0	75	87	+ 4	+ 8	1.4	— 2.6	2.1	6
	Fort Abbas —	000	0	0	23	02	98	00	0	974	04	0	0	9	0	0	71	07	000	0	0	27	04	98	00	0	060	90	0	0	9	0	0	73	84	—	—	0.6	—	0.9	8
Peshawar	Chakdara —	000	0	0	13	01	97	00	0	948	89	0	9	9	0	8	73	92	003	0	0	18	02	97	03	0	032	77	3	3	7	0	0	71	72	—	—	6.0	—	15.2	—
	Peshawar —	000	6	4	25	12	97	17	9	988	90	5	9	6	3	0	67	91	000	0	6	31	07	97	03	1	051	78	6	8	6	3	0	72	76	— 6	— 1	1.5	— 1.9	8.1	11
	Haripur —	000	6	8	23	01	95	03	5	998	85	8	0	9	7	0	75	91	049	6	4	31	03	97	01	6	062	74	4	0	9	0	5	67	63	—	—	17.4	—	24.0	—
D. I. Khan	Bannu —	000	6	8	00	00	99	03	2	943	99	0	0	9	8	0	71	02	015	0	8	03	00	99	03	2	018	81	0	0	9	6	0	73	75	—	—	2.0	—	5.0	11
	D. I. Khan —	000	0	0	00	00	98	00	0	960	01	0	0	9	0	0	77	03	030	3	8	05	02	98	03	1	021	88	8	8	8	0	0	74	81	+ 3	+ 1	1.6	— 3.1	4.4	9
Quetta	Sibi —	000	9	3	18	02	98	05	0	977	04	0	0	9	0	2	69	05	000	2	6	13	02	97	05	1	027	87	0	0	9	3	3	72	86	—	—	2.6	—	3.7	3
Kalat	Nokkundi —	000	9	0	34	31	95	09	3	991	94	0	0	9	0	0	31	95	000	0	0	05	02	97	00	1	057	75	0	0	9	0	0	21	70	—	—	0	—	0.1	2
	Turbat —	000	0	0	27	01	94	02	0	973	06	0	0	9	0	0	69	08	003	0	8	23	01	95	05	0	020	83	0	0	9	0	0	76	xx	—	—	1.8	—	4.6	—
	Iwani —	000	0	0	18	10	96	05	0	0.2	85	0	0	9	0	0	76	87	003	0	0	13	03	96	05	1	034	85	0	0	9	0	0	77	79	—	—	1.2	—	1.9	5
	Pasni —	000	8	4	23	24	96	02	1	983	86	0	0	9	3	0	81	90	003	3	8	07	01	98	03	4	021	79	8	4	7	0	0	78	79	+ 2	+ 3	0	— 0.9	0.2	6
Karachi Division	Ormara —	000	0	8	18	07	94	03	2	005	85	8	1	6	1	0	78	87	000	0	4	00	00	94	03	1	027	81	4	1	6	1	0	77	77	—	+ 2	0.1	— 0.7	2.0	6
	Lasbela —	000	0	4	36	10	98	04	0	870	09	4	0	9	4	0	84	06	000	0	4	09	01	98	04	0	949	82	4	0	9	4	0	79	xx	—	—	0	—	0	8
	Karachi (Manora) —	000	0	8	25	05	96	03	2	018	87	0	0	9	2	0	80	90	000	0	8	27	07	96	02	2	029	82	0	0	9	6	0	73	83	+ 5	+ 2	3.7	— 1.7	3.7	8
	Karachi (Airport) —	000	0	8	23	07	96	03	2	026	83	6	5	5	3	x	74	87	000	0	7	23	03	96	03	0	031	80	4	6	5	3	0	76	78	—	—	4.9	—	4.9	—
Hyderabad	Nagarparkar —	000	0	4	18	01	97	00	0	008	91	0	0	7	0	4	67	93	000	0	5	18	01	97	00	0	036	8	0	5	7	0	0	72	xx	—	—	6.4	—	6.4	—
	Umerkot —	000	0	8	20	04	98	02	0	008	94	6	2	7	5	0	74	96	000	0	5	20	03	97	02	0	031	81	5	2	7	0	0	76	76	—	—	5.3	—	5.4	—
	Hyderabad —	000	0	3	20	12	97	03	1	011	91	5	5	6	0	0	71	94	000	0	3	21	07	97	03	0	034	81	3	6	5	0	0	75	78	— 2	0	4.3	— 1.0	5.1	7
	Badin —	000	0	8	23	02	97	01	0	015	90	8	0	9	0	1	73	96	001	0	0	03	00	97	00	0	043	83	0	0	9	0	0	76	78	+ 3	0	3.5	— 2.4	4.1	9
Khairpur	Padidan —	000	0	0	13	12	98	02	0	988	99	0	0	9	0	0	71	00	003	0	2	13	07	98	03	0	024	81	0	0	9	0	1	74	78	—	—	2.2	—	2.8	—
	Nawabshah —	000	0	1	18	10	96	02	0	003	95	0	0	9	0	1	73	99	000	0	1	18	09	96	03	0	033	81	0	0	9	0	1	75	78	—	—	2.7	—	3.4	—
	Sukkur —	000	6	6	18	02	97	03	1	980	01	0	0	9	0	8	77	01	030	9	6	21	03	97	03	1	024	83	0	0	9	0	8	73	83	—	—	2.5	—	2.5	4
	Kashmore —	000	0	0	18	02	99	02	2	992	00	6	1	4	0	0	71	00	000	0	4	00	00	99	02	2	983	83	4	1	6	0	0	67	75	—	—	0.5	—	0.5	—
	Jacobabad —	000	0	2	13	05	97	02	0	984	99	0	0	9	0	0	83	00	003	0	2	13	05	97	03	0	027	85	0	0	9	0	1	81	81	— 3	0	1.0	— 1.1	1.9	4
Junagadh	Veraval —																																								38
Afghanistan	Jalalabad —																																								
Arabia	Muscat —																																								4
	Kuwait —																																								5
	HILL STATIONS																																								
Kashmir	Srinagar *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	xxx	x	8	00	00	94	61	9	493	64	8	7	4	x	x	58	64						34
	Gulmarg **	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	xxx	x	8	27	05	95	02	9	xxx	52	8	5	3	x	x	45	43		—				—
	Sonamarg **																																								71
	Dras **																																								28
	Leh **																																								3
	Skardu *	000	3	8	13	17	95	05	4	313	81	8	8	6	0	0	45	87	...	...	...	...	...	...	...	...				...		...		...		—					6
	Misgar **	000	0	7	17	07	97	03	1	043	67	4	5	8	2	0	33	77	003	0	2	05	03	98	01	0	164	56	0	0	9	3	0	26	47	—	—				—
	Aliabad *																																								—
	Gilgit *	000	0	3	00	00	98	01	1	486	89	3	5	8	0	0	61	92	000	0	4	00	00	98	01	1	474	73	4	5	8	0	0	51	64		—				3
Rawalpindi	Murree *	000	5	2	00	00	95	03	4	454	46	8	5	2	x	x	62	72	067	3	5	27	07	97	02	6	475	59	0	0	9	5	0	52	55	+ 2	— 2	24.0	— 5.3	43.3	90
Peshawar	Drosh *	000	8	3	23	12	97	05	4	405	92	3	2	7	0	0	53	93	030	8	1	00	00	98	05	9	470	73	1	1	7	0	0	57	70	0	0	4.4	—	16.3	18
	Cherat *	005	7	7	18	03	98	03	2	413	76	7	7	6	0	0	73	93	069	8	9	16	07	91	40	0	421	68	9	x	0	x	x	68	62	+ 8	— 7	9.6	+ 0.2	33.8	23
	Kakul *	038	7	6	18	03	96	03	9	448	78	6	8	6	0	0	67	81	124	5	7	29	03	93	81	9	471	66	2	4	6	0	0	64	62	—	—	25.7	—	41.3	—
	Landikotal *	000	0	2	13	05	97	03	0	426	88	1	0	9	7	0	65	95	003	0	3	05	03	97	03	0	451	75	3	7	6	0	0	70	73	—	—	1.8	—	17.9	—
	Parachinar *																																								29
D. I. Khan	Miranshah *	000	0	4	04	05	99	03	2	435	97	4	4	8	0	0	64	98	000	0	0	00	03	99	00	0	441	82	0	0	9	0	0	67	75	—	—	0.6	— 3.1	2.4	13
	Wana *	000	0	5	00	00	99	01	1	5·7	78	0	1	9	0	0	xx	xx	003	0	0	00	00	97	01	0	413	77	0	0	9	0	0	66	71	—	—	4.2	—	12.5	11
Quetta	Fort Sandeman *	000	0	1	20	03	99	01	0	423	97	1	0	8	3	0	48	01	073	1	0	00	00	96	05	6	470	77	0	0	9	0	0	65	68	+ 6	— 3	5.0	+ 1.3	9.7	11
	Hindubagh *	000	0	0	25	14	96	00	0	389	92	0	0	9	0	0	61	94	000	0	0	25	07	96	03	0	448	74	0	0	9	0	0	74	68	—	—	0.8	—	4.6	—
	Loralai *	000	0	3	11	05	99	01	1	431	89	0	0	9	1	1	61	93	000	0	7	00	00	98	00	2	418	74	0	4	8	2	1	54	67	—	—	1.1	—	4.6	9
	Harnai *	000	0	0	13	05	97	00	0	420	94	0	0	9	0	0	64	95	000	0	0	00	00	97	03	0	438	82	0	0	9	0	0	67	79	—	—	3.9	— 5.5	7.2	14
	Quetta *	000	0	0	31	02	96	00	0	397	88	0	0	8	0	0	42	90	000	0	0	00	00	96	03	0	464	74	0	0	9	0	0	60	66	—	—	0.1	— 0.8	4.3	5
	Chaman *	000	0	0	37	07	97	07	4	437	91	0	0	9	0	0	32	92	000	0	0	27	07	98	00	0	459	75	0	0	9	0	0	31	72	— 3	+ 4	0	— 0.1	1.3	8
	Nushki *	000	9	0	31	05	95	04	5	474	93	0	6	9	0	0	42	94	003	9	0	36	05	96	05	4	484	79	0	0	9	0	0	50	77	—	—	0	—	1.6	—
	Dalbandin *	000	8	9	09	05	92	05	4	451	57	9	x	0	x	x	42	98	003	9	9	05	09	92	05	4	471	85	9	x	0	x	x	35	94	— 7	+ 15	0	— 0.2	1.1	4
Kalat	Kalat *	000	0	0	34	07	94	05	4	439	88	0	0	9	0	0	78	88	000	0	0	39	03	95	00	0	468	67	0	0	9	0	0	63	63	+ 4	+ 9	0.2	— 0.9	2.1	7
	Panjgur *	000	0	8	31	12	95	05	0	448	93	0	0	9	0	0	29	95	000	0	0	36	04	95	05	0	452	75	0	0	9	0	0	31	73	— 5	+ 2	0.3	—	1.3	5
Afghanistan	Kabul *																																								
	Kandhar *																																								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 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 28th AUGUST, 1962

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Cilicia	23 200	602 00	6 23 22	98 : 81	049 93	55 5 xx	26 1 18	...	00 2 76	12 4 23
British Resource	23 246	582 00	0 00 00	96 0 20	[illegible]	[illegible]	[illegible]	...	00 x [illegible]	1x x xx
Dwarka	23 225	684 03	8 23 07	98 2 56	037 81	0x x xx	35 4 00	...	05 1 76	1x x xx
Rilgistone	22 189	668 06	7 26 25	97 1 58	[illegible] 85	[illegible]	[illegible] 00	...	00 4 [illegible]	...
Sernia	22 152	712 06	7 29 12	98 2 53	111 78	15 7 05	26 2 17	...	05 1 76	12 4 22
Cilicia	22 842	665 04	6 21 05	98 0 14	090 82	[illegible]	[illegible] 04	...	05 2 00	12 1 21
Alemak	23 256	590 06	8 14 01	97 0 23	042 08	80 4 1x	76 1 41	...	05 3 00	11 4 23
British Resource	23 235	591 06	0 00 20	97 0 30	059 00	[illegible]	63 4 00	...	00 3 [illegible]	1x x xx
Sernia	23 195	649 06	7 19 13	98 0 22	072 79	77 4 xx	37 2 11	...	00 0 73	11 9 32
Usnibiartchford	20 236	668 12	4 22 46	97 0 20	[illegible] 86	[illegible]	46 0 58	...	00 4 30	12 3 13
Cilicia	23 210	677 12	8 24 19	97 0 11	027 80	65 5 xx	26 1 11	...	09 2 77	12 4 23
Alemak	23 248	579 12	8 24 03	96 0 00	015 90	[illegible]	[illegible]	...	00 4 00	12 4 21
Caltex Asulam	23 251	574 12	0 23 07	96 0 20	013 90	60 9 00	...	...	00 1 05	12 3 22
Constdracht	23 400	600 18	7 00 19	98 0 00	[illegible]	[illegible]	55 [illegible]	...	[illegible]	12 4 33
British Resource	23 224	600 13	6 18 04	94 0 53	006 78	00 9 10	45 4 00	...	00 2 72	11 0 11
British Resource	23 212	595 18	0 30 06	98 0 00	020 74	00 0 00	[illegible]	...	[illegible]	1x x xx
Oceania	23 121	612 18	0 25 18	97 0 20	176 82	00 9 00	66 4 00	...	05 2 73	12 5 x4
Cilicia	23 222	632 18	8 23 13	98 0 22	03 79	65 5 xx	26 4 02	...	05 2 75	12 3 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	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	100 mb
			HHHTTTT$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra	...													
Chittagong	...													
Dacca	00 00	002 280 248	...	...	149 210 160	...	338 155 105	445 000 028	594 [illegible] 536	772 582 618	991 658	...	...	...
Jiwani	...													
Karachi	00 00	993 262 232	016 xxxxxx	...	138 185 145	...	397 145 032	435 022 995	880 [illegible] 998	753 [illegible] 995	965 775	946 955	186 632	...
Lahore	00 00	979 268 255	023 xxxxxx	...	140 195 188	...	399 065 535	433 540 990	575 [illegible]	540 780 998	928 948	...	...	...
Multan	...													
Peshawar	00 00	961 265 232	...	...	140 232 218	...	310 148 115	439 071 002	587 035 [illegible]	766 540 990	988 632	208 770	...	...
Quetta	00 00	828 218 065	...	...	...	...	313 155 542	441 060 990	588 535 995	760 650 990	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE St.HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra	...												
Chittagong	...												
Dacca	00 00	006 280 260	908 235 192	800 192 142	571 002 565	350 595 662	040 390 570	...	...	...	010 390 570	...	...
Jiwani	...												
Karachi	00 00	900 215 175	800 182 052	...	...	...	...	...	...	...	800 182 052	...	...
Lahore	03 00	900 218 212	800 135 122	...	...	...	...	...	...	...	800 135 122	...	...
Multan	...												
Peshawar	00 00	990 262 232	800 202 202	...	...	...	...	...	...	...	800 202 202	...	...
Quetta	00 00	800 205 035	...	...	...	...	...	...	...	...	800 205 035	...	...

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 °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; 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	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	17 08	22 06	22 09	22 13	19 05	17 04	21 03	22 06	21 06	17 08	17 09	18 09	16 04	16 03	19 07	21 08	20 07								...	...
Chaklala	...	14 18	13 17	13 07	34 05	...	...	...	...	...	05 08	03 06	29 03	24 05	...	...	20 02	02 02	12 07	19 04	32 04	29 18	27 25	28 36	...	...
Chhor	20 12	20 09	21 10	...	...	...	...	...	...	23 12	24 12	22 12	17 15	13 11	06 08	18 07	19 12									...
Chittagong	...	...	...	...	...	...	...	...	...	17 12	17 11	17 09	17 07	16 09	10 04	19 11	17 10	17 10	17 09	17 03	16 09	24 02	17 03	14 03	09 07	...
Cox's Bazar	18 17	19 15	19 15							17 19	17 15	17 12	17 05	17 06	16 08	17 17	17 16	18 11	16 10	17 08						
Dacca	19 09	20 10	20 12	19 09	17 12	15 07	10 07	09 05	08 06	17 10	17 12	17 12	18 06	17 04	15 07	18 13	18 15	19 17	19 13	18 12	17 12	30 08	17 04	17 02	17 02	13 09
Dalbandin	...	...	10 05	09 04	...	...	...	...	...	...	...	11 03	17 01	...	...	...	...	08 12	13 09	...	...	...	...	...	...	...
D.I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	23 09	21 14	...	...	...	...	...	...	23 05	23 04	25 00	...	...	...	...	23 06	20 03	34 03	15 01	16 02	09 09	06 14
Fort Sandeman	...	...	...	24 08	22 02	34 06	31 10	30 06	...	...	...	...	07 05	33 03	29 11	...	...	...	36 03	36 06	02 05	...	...	...	...	...
Jacobabad	16 07	17 08	17 10	20 10	18 02	40 08	34 09	32 09	36 18	17 14	30 10	09 10	03 03	35 04	14 0[illegible]	13 06	01 06	09 04	21 09	08 09	08 07	01 06	10 11	11 13	32 05	...
Jessore	16 10	18 10	19 09	15 08	16 09	...	...	...	...	19 12	19 11	18 10	15 07	16 [illegible]	16 [illegible]	19 10	19 12	19 12	...	...	...	...	...	...	...	...
Jhelum	12 09	14 13	15 09	24 04	30 06	32 14	28 07	29 11	30 15	No	Ascent	...	...	...	...	12 06	12 09	13 10	30 02	30 12	34 11	33 15	30 27	28 29	27 31	...
Jiwani	18 09	14 05	07 05	01 43	35 42	33 43	28 [illegible]	36 06	34 [illegible]	[illegible]	07 07	09 09	05 06	...	...	12 09	07 05	07 05	02 07	...	...	...	...	...	...	...
Karachi	22 14	21 15	...	...	...	...	...	...	...	...	...	...	...	...	...	23 10	25 09	23 09	...	...	...	...	...	...	...	...
Khanpur	21 21	20 19	20 16	20 19	19 21	22 09	02 09	02 08	02 12	24 15	23 25	24 23	21 12	19 10	19 07	02 11	23 17	22 15	23 14	19 14	18 12	13 06	32 06	16 19	...	...
Lahore	12 08	11 12	11 08	14 09	36 02	31 08	...	...	...	14 10	17 15	18 17	20 17	...	...	04 09	06 12	06 10	19 03	29 04	29 09	30 15	29 09	26 04	...	...
Multan	20 13	20 17	19 17	21 20	21 24	...	...	...	...	22 19	22 26	22 31	...	...	...	24 06	24 08	24 10	22 16	21 20	20 27	...	...	...	...	...
Muscat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	34 08	28 03	...	...	...	...	...	...	...	35 13	01 14	...	...	...	...	36 07	...	...	...	...	...	...	...
Peshawar	...	23 08	12 02	16 07	19 13	19 13	30 14	29 27	27 26	...	16 04	19 02	25 01	30 05	21 05	...	36 06	22 01	18 04	01 02	26 05	...	...	...	...	...
Quetta	...	...	...	...	31 08	28 12	...	...	...	...	...	...	...	30 04	32 03	...	...	...	...	29 03	33 06	...	...	...	...	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	30 06	29 08	26 06	13 08	23 03	24 06	...	...	...	No	Ascent	...	...	...	...	25 03	23 01	21 07	21 10	22 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

Heights 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	17 12	17 07	17 06	16 08	14 04	16 06	20 06	24 04	29 06	25 04	12 18	11 12	...	...	...	...	...	...
Karachi	23 09	24 12	27 09	27 09	02 12	01 17	04 22	08 11	32 06	06 14	08 24	30 25	10 27	11 27	...	...	...	...
Peshawar	...	31 04	01 07	31 05	30 07	31 11	29 75	28 18	28 24	28 31	27 38	28 39	30 54	...	...	...	...	...
Quetta	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

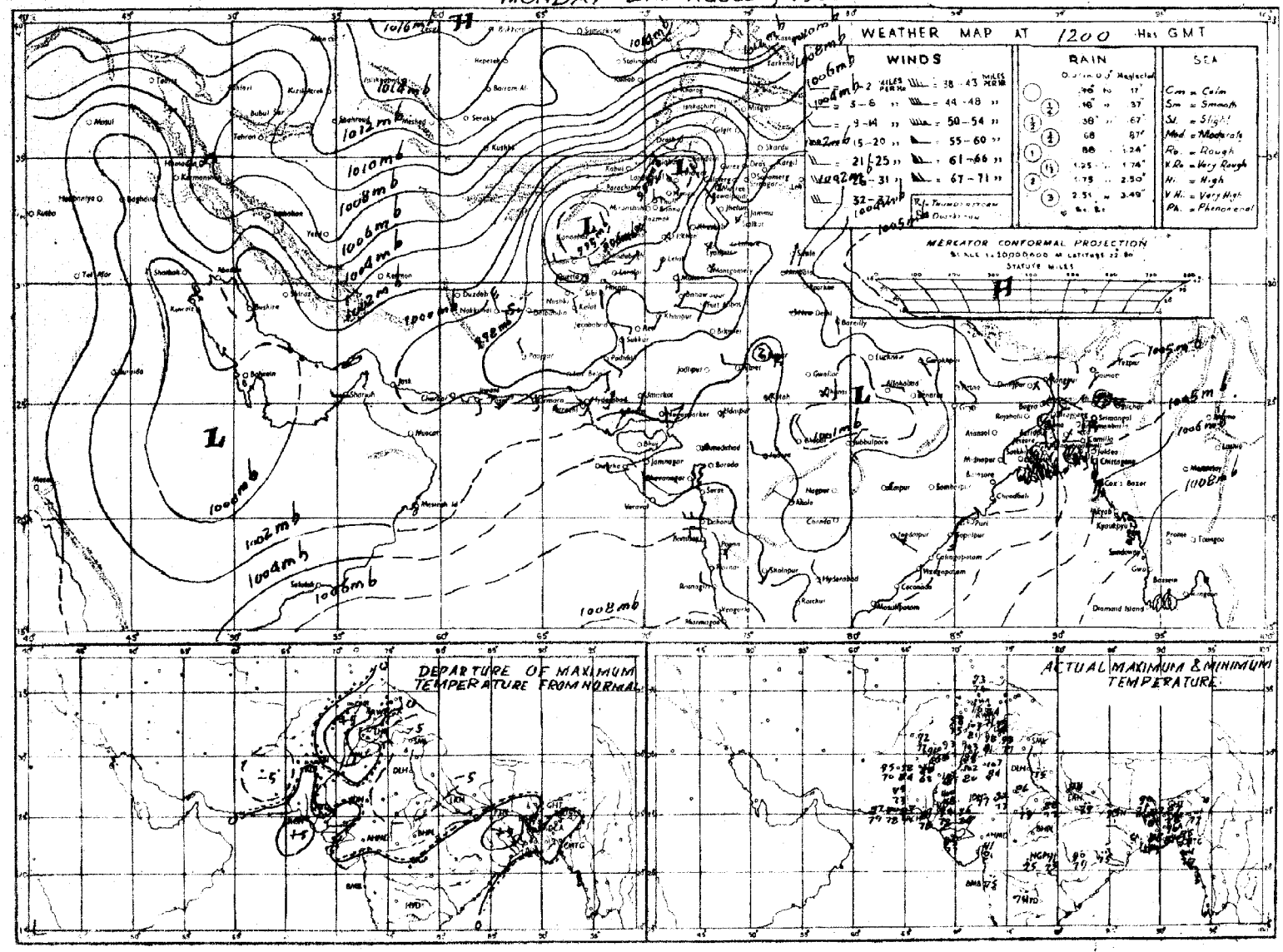
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

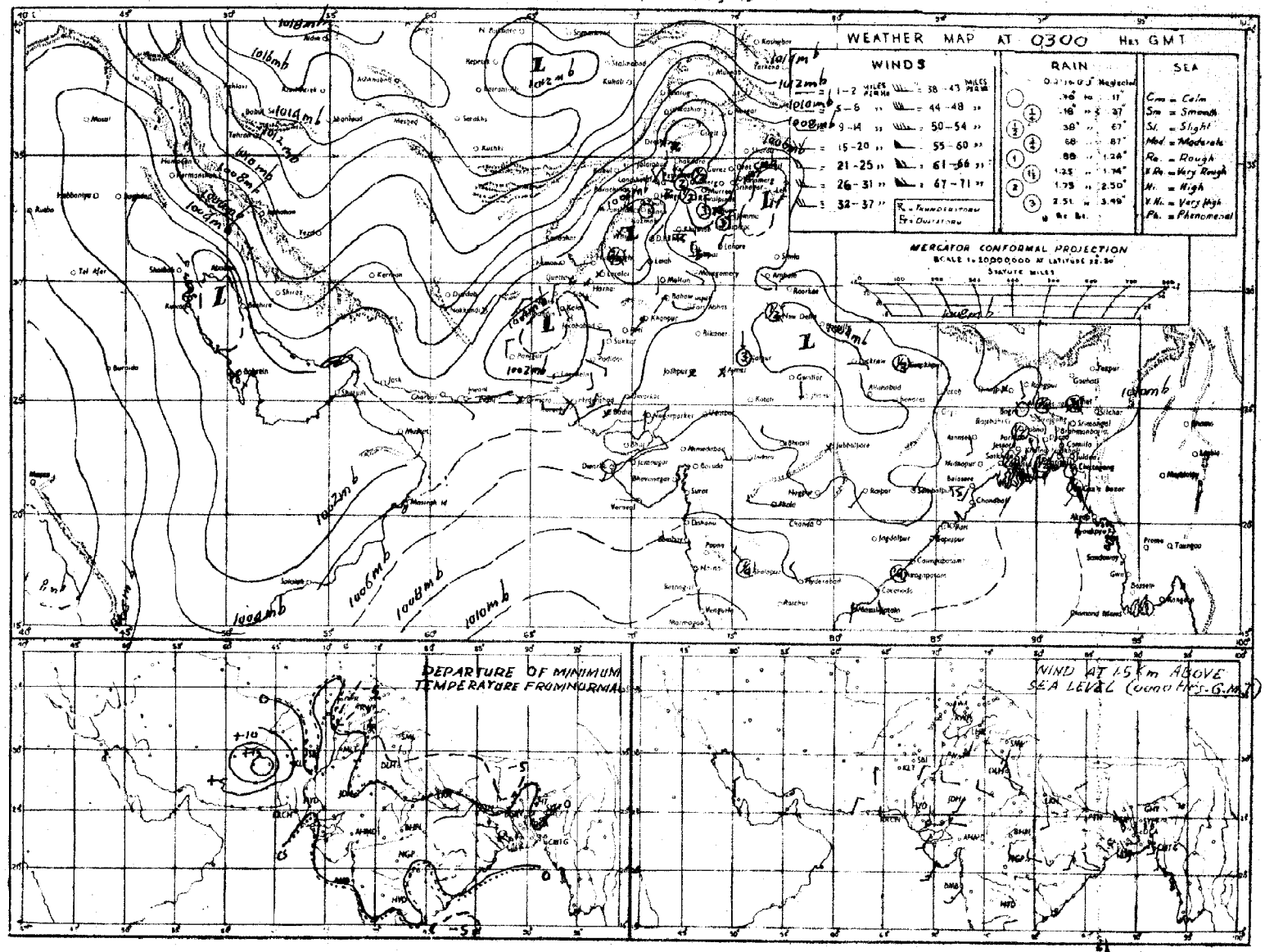
MONDAY 27th AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 28th AUGUST, 1962.



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

Monthly Subscription

1—2 Rs. 3/-
1—4 Rs. 5/-

PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

WEDNESDAY THE 29th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Axis of monsoon trough has shifted northwards and extends today across Utter Pradesh to Assam.

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

Yesterday's westerly low pressure wave over D. I. Khan and Peshawar divisions is moving away across Kashmir.

It has caused fairly widespread thunderstorms or showers in Sargodha division and scattered in Lahore, Rawalpindi and Peshawar divisions and a few dust-storms in Multan division.

Another westerly low pressure wave is moving across Peshawar division and neighbourhood.

Chief amounts of rainfall are :—Brahmanbaria 1½"; Sylhet 1"; Cherat 3/4"; Maijdee Court, Srimangal (upto 1200 G.M.T.), Mymensingh and Barisal 1/2" each and Rangamati (upto 0000 G M.T), Chittagong, Dacca, Jessore and Bogra 1/4" each.

Day temperatures were 3—8 °F (2—4 °C) below normal in D. I. Khan, Rawalpindi, Sargodha and Lahore divisions, in the adjoining parts of Peshawar and Multan divisions and in Kalat division outside coastal districts and were 4—6 °F (2—3 °C) above normal in Karachi division and coastal districts of Kalat division.

Forecast valid until the evening of 30th August, 1962 :—Fairly widespread rain/thundershowers will occur in Chittagong division, local in Dacca, Rawalpindi and Sargodha divisions and in Kashmir and scattered elsewhere over East Pakistan and in Peshawar, D. I. Khan and Multan divisions.

Karachi-11
The 29th August, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	—																	
	Cox's Bazar	—	000	0	7	20	09	97	02	2	067	82	4	8	5	7	0	77	85
	Chittagong	—	000	0	6	18	05	97	02	2	063	81	4	8	4	2	6	77	85
	Maijdee Court	—	030	6	8	13	05	96	03	6	062	83	4	3	3	2	0	78	85
	Comilla	—	000	0	8	18	05	96	02	2	043	81	8	4	4	x	x	78	89
	Brahmanbaria	—	004	2	6	18	03	97	03	6	062	81	6	4	5	0	0	78	89
	Sylhet	—	016	6	7	00	00	96	21	6	050	84	5	5	6	3	0	78	85
	Srimangal	—	055	4	8	03	00	94	20	6	051	79	8	6	4	0	0	77	89
Dacca	Mymensingh	—	051	5	8	13	02	97	02	9	057	79	8	9	4	x	4	75	87
	Narayanganj	—	006	8	7	23	02	96	60	3	057	84	4	4	3	7	0	78	91
	Dacca (Tezgaon)	—	027	7	7	18	05	97	02	6	049	83	2	8	6	2	1	77	88
	Faridpur	—	000	0	5	16	05	96	02	2	043	85	3	3	6	1	0	80	87
Khulna	Barisal	—	002	4	6	13	05	96	62	5	054	87	4	6	6	4	0	77	88
	Khulna	—	000	0	5	03	00	97	01	2	058	82	5	5	6	0	0	79	88
	Satkhira	—	014	4	5	00	00	97	03	6	076	84	2	2	6	2	0	78	89
	Jessore	—	015	6	7	18	03	97	03	4	051	84	5	5	6	6	0	77	88
Rajshahi	Pabna	—	000	0	7	18	05	97	01	2	043	85	7	0	9	7	0	79	90
	Sirajganj	—	000	0	7	00	00	97	02	2	042	83	7	9	9	4	0	80	85
	Bogra	—	001	9	8	09	02	96	02	6	042	84	4	5	5	2	x	80	88
	Dinajpur	—	000	9	6	00	00	96	02	2	037	86	6	0	9	2	0	79	91
	Rangpur	—	005	6	6	13	02	96	01	6	048	83	2	5	6	2	0	79	89
Kashmir	Jammu	—																	
Lahore	Lahore (Jail Rd.)	—	000	9	2	02	00	96	01	5	014	91	2	0	9	7	0	75	91
	Sialkot	—	000	0	0	00	02	99	00	0	016	87	0	0	9	0	0	77	87
Rawalpindi	Jhelum	—	001	8	7	00	00	98	02	9	016	91	1	1	7	0	0	73	91
	Rawalpindi	—	000	0	1	13	02	99	00	0	028	88	1	2	7	0	0	71	90
	Campbellpur	—	000	0	0	13	01	98	00	0	059	86	0	0	9	0	0	70	91
Sargodha	Khushab	—	000	0	0	00	00	95	00	5	017	93	0	0	9	0	0	79	91
	Lyallpur	—	000	3	4	00	00	98	02	0	018	88	4	3	8	0	0	77	xx
Multan	Montgomery	—	000	0	2	13	02	96	02	0	002	95	2	0	9	4	0	77	97
	Multan	—	000	0	0	18	02	98	02	0	990	01	0	0	9	0	0	73	03
	Leiah	—																	
Bahawalpur	Khanpur	—	000	0	1	27	05	96	02	0	995	99	1	1	6	0	1	69	01
	Bahawalpur	—	000	0	0	25	04	98	00	0	056	00	0	0	9	0	0	74	01
	Fort Abbas	—	000	0	0	18	02	98	00	0	003	04	0	0	9	0	0	67	06
Peshawar	Chakdara	—	000	0	0	18	02	97	00	0	991	87	0	0	9	0	0	70	89
	Peshawar	—	000	0	3	05	05	97	97	1	006	91	2	8	6	0	1	71	93
	Haripur	—	000	0	0	23	01	97	00	0	012	90	0	0	9	0	0	70	91
D. I. Khan	Bannu	—	000	3	8	00	00	99	03	2	006	90	0	0	9	0	9	75	92
	D. I. Khan	—	000	0	0	00	00	98	00	0	999	94	0	0	9	0	0	74	95
Quetta	Sibi	—	000	9	6	23	02	97	05	0	895	02	0	0	9	3	2	73	03
Kalat	Nokkundi	—	000	0	0	31	02	97	02	0	991	99	0	0	9	0	0	27	00
	Turbat	—	000	0	0	29	02	96	05	0	972	07	0	0	9	0	0	53	09
	Jiwani	—	000	0	6	18	10	96	05	2	011	85	6	0	9	3	0	76	87
	Pasni	—	000	8	8	23	06	95	02	1	004	06	0	0	4	4	3	78	92
Karachi Division	Ormara	—	000	0	8	18	08	94	03	2	013	85	8	1	6	0	1	78	89
	Lasbela	—	000	0	3	00	00	98	03	0	860	97	3	0	9	3	0	85	02
	Karachi (Manora)	—	000	0	5	35	10	96	32	0	027	87	0	0	9	4	0	80	91
	Karachi (Airport)	—	000	8	7	23	07	96	03	2	024	86	3	5	6	3	0	75	90
Hyderabad	Nagarparkar	—	000	0	3	13	02	97	03	0	009	91	0	3	7	0	0	70	92
	Umarkot	—	000	0	8	20	03	98	02	0	010	94	8	9	7	0	0	73	97
	Hyderabad	—	000	0	5	20	05	97	03	2	012	94	3	5	6	0	1	70	95
	Badin	—	000	0	0	23	02	97	00	0	035	93	0	0	9	0	0	74	98
Khairpur	Padidan	—	000	0	6	13	09	98	03	0	004	96	0	0	9	0	8	71	98
	Nawabshah	—	000	0	4	18	03	96	02	0	017	95	0	0	9	0	0	72	96
	Sukkur	—	000	8	6	23	03	97	03	1	999	97	0	0	9	0	8	76	97
	Kashmore	—	000	0	0	00	00	99	00	0	997	98	0	0	9	0	0	68	00
	Jacobabad	—	000	0	5	18	03	97	02	2	995	97	0	0	9	0	3	75	01
Junagadh	Veraval	—																	
Afghanistan	Jalalabad	—																	
Arabia	Muscat	—																	
	Kuwait	—																	
	HILL STATIONS																		
Kashmir	Srinagar	* —	xxx	x	3	00	00	98	02	0	447	76	2	1	9	1	0	52	xx
	Gulmarg	** —																	
	Sonamarg	** —																	
	Dras	** —																	
	Leh	** —	xxx	x	7	23	17	97	01	2	079	42	3	5	7	7	0	36	67
	Skardu	* —	000	3	7	00	00	96	01	5	418	64	5	5	6	3	0	46	67
	Misgar	** —	000	0	2	13	05	98	01	0	126	70	0	0	9	4	0	29	74
	Aliabad	* —																	
	Gilgit	* —	000	0	0	00	00	99	00	0	435	83	0	0	9	0	0	57	94
Rawalpindi	Murree	* —	000	4	6	29	02	97	02	4	455	67	3	1	4	5	0	61	70
Peshawar	Drosh	* —	000	8	2	23	10	98	05	4	424	90	2	2	7	0	0	52	96
	Cherat	* —	000	0	1	18	03	98	03	0	414	79	1	1	6	0	0	72	92
	Kakul	* —	000	0	3	20	07	97	01	1	459	78	3	2	4	0	0	66	81
	Landikotal	* —	000	0	2	13	05	97	01	0	443	84	2	2	7	0	0	69	87
	Parachinar	* —	000	0	5	13	02	99	03	0	434	76	5	1	9	1	0	63	78
D. I. Khan	Miranshah	* —	000	0	4	05	05	99	03	2	445	86	4	4	8	8	6	68	87
	Wana	* —	000	0	0	00	00	96	00	0	513	84	0	0	9	0	0	63	86
Quetta	Fort Sandeman	* —	000	0	0	00	00	97	05	4	442	93	0	0	9	0	0	44	93
	Hindubagh	* —	000	0	0	13	05	96	00	0	396	90	0	0	9	0	0	38	97
	Loralai	* —	000	0	7	20	03	98	02	2	431	87	0	4	8	2	1	64	92
	Harnai	* —	000	0	0	16	05	97	00	0	421	93	0	0	9	0	0	61	93
	Quetta	* —	000	0	0	17	02	94	00	0	441	88	0	0	9	0	0	74	91
	Chaman	* —	000	0	0	31	07	98	00	0	445	97	0	0	9	0	0	35	93
	Nushki	* —	000	9	0	36	05	96	05	4	474	92	0	0	9	0	0	47	93
	Dalbandin	* —	000	9	9	05	02	92	05	4	459	95	9	x	0	x	x	50	96
Kalat	Kalat	* —	000	0	0	31	07	94	05	4	434	80	0	0	9	0	0	76	88
	Panjgur	* —	000	0	0	31	09	95	05	0	450	94	0	0	9	0	0	31	96
Afghanistan	Kabul	* —																	
	Kandhar	* —																	

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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati																							
Cox's Bazar	000	0	6	18	13	97	03	1	092	84	4	4	5	4	8	78	77	— 1	+ 1	90.8	— 2.1	104.5	140
Chittagong	036	8	6	13	05	97	02	6	091	81	9	5	6	1	0	76	77	— 1	+ 1	65.1	+ 1.2	78.6	106
Maijdee Court	060	9	0	13	03	96	03	6	091	82	6	2	5	2	x	78	xx	0	×	65.7	— 0.5	86.3	115
Comilla	000	0	8	18	09	97	03	8	092	85	8	4	4	x	x	79	75	+ 1	— 2	—	—	—	94
Brahmanbaria	159	0	4	13	05	97	03	1	093	83	2	5	5	0	8	77	77	—	—	38.9	+ 0.9	56.5	78
Sylhet	119	9	8	18	05	96	61	5	086	78	7	7	4	2	x	77	77	—	—	82.6	—	109.6	—
Srimangal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	— 1			—	—	98
Mymensingh	051	0	4	00	00	97	02	1	089	80	0	0	9	0	4	79	77	0	— 1	44.1	— 4.2	60.0	91
Narayanganj	006	9	8	18	02	97	02	2	085	85	8	4	2	x	x	78	81	+ 3	+ 2	33.2	— 4.6	50.5	74
Dacca (Tezgaon)	027	0	7	23	05	97	02	6	077	83	4	8	4	2	x	79	80	—	—	42.2	—	47.1	—
Faridpur	000	0	8	20	02	97	02	2	081	88	6	5	6	1	0	78	81	0	— 3	28.1	— 8.8	41.4	71
Barisal	050	9	6	18	02	97	03	6	085	86	3	7	6	4	0	77	89	+ 1	+ 2	—	—	—	81
Khulna	000	0	6	18	03	97	03	2	087	83	6	5	5	0	0	77	79	0	+ 1	30.3	— 9.8	37.8	68
Satkhira	0 4	9	6	23	03	97	03	6	098	84	4	4	6	2	9	78	79	0	+ 1	39.9	+ 3.3	47.1	65
Jessore	035	9	6	18	05	97	03	6	078	83	4	5	6	6	0	80	79	—	—	29.3	— 5.6	38.9	65
Pabna	010	0	7	18	05	98	03	2	071	84	7	8	7	0	0	73	81	—	—	33.8	—	53.3	59
Sirajganj	001	0	4	18	02	97	01	2	078	83	4	8	5	0	0	37	79	— 2	0	—	—	—	64
Bogra	019	9	6	18	02	94	01	2	075	83	4	4	5	2	x	74	73	0	+ 1	31.5	— 6.5	44.0	69
Dinajpur	000	0	4	00	00	96	02	2	069	84	4	0	9	2	0	78	77	+ 2	— 1	35.4	— 5.4	42.6	72
Rangpur	005	0	7	19	05	96	03	2	077	83	7	5	6	0	0	79	80	0	+ 3	39.1	— 7.4	61.3	84
Jammu																							—
Lahore (Jail Rd.)	017	2	7	13	02	96	02	9	043	76	2	4	7	2	0	74	75	— 6	— 2	7.5	— 4.6	13.8	19
Sialkot	000	0	6	00	00	98	03	1	040	80	6	5	6	x	x	77	73	— 7	— 4	21.5	+ 2.0	26.0	32
Jhelum	001	3	6	00	00	98	02	1	044	81	3	8	6	1	0	76	78	—	—	15.9	—	32.0	
Rawalpindi	000	0	2	05	02	99	01	2	042	82	2	1	7	0	0	74	74	— 3	0	22.0	+ 2.4	28.6	36
Campbellpur	000	0	4	09	02	97	02	0	975	81	0	2	8	0	2	75	81	—	—	8.6	—	16.9	—
Khushab	000	0	7	09	07	98	03	2	056	82	4	4	8	3	0	75	77	— 8	— 4	1.1	— 7.7	6.1	15
Lyallpur	015	6	6	20	03	96	97	9	056	75	6	3	8	0	0	73	72	—	— 7	5.4	— 2.0	9.3	13
Montgomery	000	0	5	13	03	96	03	3	041	81	5	0	9	2	0	73	76	+ 3	— 4	6.3	+ 0.2	9.4	18
Multan	000	0	3	00	00	97	02	0	025	88	3	0	9	3	0	75	85	+ 5	+ 3	0.3	— 4.0	2.0	7
Leiah																							8
Khanpur	000	0	0	23	02	95	05	0	029	95	0	0	9	0	0	73	80	— 2	+ 1	3.3	— 1.3	4.3	6
Bahawalpur	000	0	0	13	02	98	00	0	035	89	0	0	9	0	0	74	79	+ 0	×	1.4	— 2.6	2.1	6
Fort Abbas	000	0	0	27	01	98	00	0	044	89	0	0	9	0	0	75	81	—	—	0.6	—	0.9	8
Chakdara	000	0	0	18	02	96	00	0	016	80	0	0	9	0	0	72	72	—	—	6.0	—	15.2	—
Peshawar	000	1	6	31	05	97	17	6	039	81	5	9	6	3	0	74	77	— 4	0	1.5	— 2.0	8.1	11
Haripur	000	0	3	05	01	97	00	0	039	80	3	0	9	0	4	73	74	—	—	17.4	—	24.0	—
Bannu	000	2	8	00	00	99	03	0	019	83	0	0	9	0	0	74	80	—	—	2.0	—	5.0	18
D. I. Khan	000	2	7	05	02	98	03	1	036	83	7	7	8	0	0	73	81	— 5	+ 1	1.6	— 3.1	4.4	9
Sibi	000	0	0	13	02	97	05	0	036	88	0	0	9	0	0	72	86	—	—	2.6	—	3.7	9
Nokkundi	000	0	0	34	19	97	02	0	050	78	0	0	9	0	0	25	69	—	—	0	—	0.1	2
Turbat	000	0	0	23	02	96	05	0	038	84	0	0	9	0	0	74	xx	—	—	1.8	—	4.6	—
Jiwani	000	0	2	13	03	96	05	0	049	81	2	6	4	0	0	77	78	—	—	1.2	—	1.9	9
Pasni	000	3	0	29	02	97	05	1	989	81	0	0	9	0	0	77	77	+ 4	+ 2	0	— 0.9	0.2	6
Ormara	000	0	8	27	03	94	03	2	035	81	8	1	6	0	1	78	79	—	—	0.1	— 0.7	2.0	6
Lasbela	000	0	4	16	02	97	04	0	942	84	4	0	8	4	0	81	xx	—	—	0	—	0	8
Karachi (Manora)	000	0	5	27	07	96	03	2	043	82	0	0	9	9	0	70	79	+ 6	+ 1	3.7	— 1.7	3.7	8
Karachi (Airport)	000	0	4	27	02	96	03	1	046	82	3	6	5	3	0	75	79	—	—	4.9	—	4.9	—
Nagarparkar	000	0	2	18	01	97	00	0	041	82	0	2	7	0	0	73	66	—	—	6.4	—	6.4	—
Umarkot	000	0	4	20	01	97	02	0	044	84	4	2	7	0	0	77	77	—	—	5.3	—	5.4	—
Hyderabad	000	0	0	21	05	97	02	0	043	82	0	0	9	0	0	75	79	— 1	+ 1	4.3	— 1.0	5.1	7
Badin	000	0	0	03	00	97	03	0	053	82	0	0	9	0	0	76	78	+ 5	0	3.5	— 2.5	4.1	9
Padidan	000	0	2	13	09	98	03	0	033	83	1	0	9	4	1	74	80	—	—	2.2	—	3.8	—
Nawabshah	000	0	4	18	07	96	03	0	042	83	4	0	9	4	0	74	82	—	—	2.7	—	3.1	—
Sukkur	000	9	4	21	02	97	03	1	031	87	0	0	9	0	8	71	83	—	—	2.5	—	2.5	4
Kashmore	000	0	0	00	00	99	00	0	984	84	0	0	9	0	0	69	74	—	—	0.5	—	0.5	—
Jacobabad	000	0	0	13	03	97	02	0	829	85	0	0	9	0	0	81	83	0	+ 2	1.0	— 1.1	1.9	4
Veraval																							30
Jalalabad																							
Muscat																							4
Kuwait																							5
HILL STATIONS																							
Srinagar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					26
Gulmarg																							—
Sonamarg																							71
Dras																							28
Leh	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					3
Skardu	000	0	0	00	00	96	02	0	441	50	0	0	9	0	0	45	xx	—	—				6
Misgar	000	0	0	05	03	98	00	0	139	57	0	0	9	0	0	20	44	—	—				—
Aliabad																							—
Gilgit	000	0	0	00	00	99	00	0	466	78	0	0	9	0	0	50	61	—	—				8
Murree	000	9	5	00	00	97	02	1	460	63	5	3	0	0	0	58	57	0	0	23.9	— 5.6	41.3	59
Drosh	000	9	2	00	00	97	01	4	467	74	2	2	6	0	0	58	73	+ 3	+ 3	4.4	—	16.3	18
Cherat	068	3	7	18	05	98	03	6	412	69	7	8	6	0	0	69	62	+ 7	— 7	10.3	+ 0.8	34.5	29
Kakul	000	9	1	18	02	98	01	1	468	72	1	2	6	0	0	64	65	—	—	25.7	—	41.3	—
Landikotal	000	0	1	05	02	97	02	0	452	76	1	1	7	0	0	68	71	—	—	1.8	—	17.9	—
Parachinar	000	0	3	00	00	99	00	0	454	66	3	0	5	1	0	59	63	— 7	0	—	—	—	29
Miranshah	000	0	8	30	00	98	03	2	456	79	8	4	8	0	0	69	77	—	—	0.6	— 3.1	2.4	13
Wana	000	0	0	00	00	96	02	0	517	74	0	0	9	0	0	65	71	—	—	4.2	—	12.5	11
Fort Sandeman	003	0	0	00	00	96	05	4	474	76	0	0	8	0	0	66	73	— 2	+ 2	5.0	+ 1.3	9.7	11
Hindubagh	000	0	0	25	07	96	00	0	449	73	0	0	9	0	0	46	66	—	—	0.8	—	4.6	—
Loralai	000	0	6	05	02	99	00	0	413	76	0	0	9	2	1	65	66	—	—	1.1	—	4.6	9
Harnai	000	0	0	00	00	97	00	0	439	80	0	0	9	0	0	68	77	—	—	3.9	— 5.6	7.2	14
Quetta	000	0	0	00	00	96	00	0	464	72	0	0	9	0	0	60	65	—	—	0.1	— 0.9	4.3	9
Chaman	000	0	0	09	05	98	00	0	462	79	0	0	9	0	0	35	73	— 2	+ 5	0	— 0.1	1.3	8
Nushki	000	0	0	36	05	95	05	4	481	79	0	0	9	0	0	45	76	—	—	0	—	1.0	—
Dalbandin	003	9	0	00	00	94	05	4	460	71	0	0	9	0	0	38	69	— 9	— 1	0	— 0.2	1.1	4
Kalat	000	0	0	36	02	96	00	0	470	68	0	0	9	0	0	62	61	+ 4	+ 7	0.2	— 0.9	2.1	7
Panjgur	000	0	0	36	03	97	02	0	462	79	0	0	9	0	0	33	73	— 4	+ 2	0.3	—	1.3	3
Kabul																							13
Kandhar																							

† Given in Code,

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 29th AUGUST, 1962

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$YQ L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Llanblanch	33 237	678 00	6 19 07	97 0 05	071 79	64 6 00	36 6 07	—	05 4 75	11 9 11
British Prasorce	33 201	590 00	8 10 08	98 0 54	016 75	8x x 8x	54 6 03	—	05 2 71	11 9 32
Bridgestone Maru	33 206	613 06	8 20 07	98 0 72	060 82	80 6 1x	76 3 C5	—	00 6 76	...
Safina e-arab	33 078	775 06	1 29 18	98 0 20	000 84	16 0 03	...	—	...	...
Loosdrecht	31 168	556 06	7 23 19	97 0 32	049 76	76 5 00	55 x xx	—	00 8 73	12 3 34
Dalila	33 153	526 12	3 18 12	97 0 30	070 76	36 4 10	15 7 25	...	00 2 73	11 8 23
Dumra	33 232	688 12	5 24 16	98 0 24	045 83	42 4 60	78 7 20	—	05 2 70	12 7 23
Loosdrecht	33 162	543 12	6 23 08	97 0 21	035 79	48 4 10	—	...	01 1 76	12 3 22
Sirverlake	33 817	609 18	1 20 10	97 0 30	107 78	12 5 00	25 2 17	—	00 2 74	12 0 32
Dumra	33 232	678 18	8 21 05	98 0 35	057 81	86 3 xx	75 1 10	...	05 1 77	21 0 20
Jaladuhak	33 102	662 18	2 28 09	98 0 10	123 86	31 6 8x	65 3 60	—	—	—
BAY OF BENGAL										
Massina	33 198	587 12	7 20 14	98 0 32	033 80	73 5 00	14 6 01	—	—	—

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
		$PPPTTTT_dT_dT_d$	HHHTTTT$_d$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	061 285 218	—	—	140 192 168	...	313 105 078	441 045 012	565 025 405	761 632 665	995 782	254 892	—	...
Jiwani ...														
Karachi ...	00 00	081 272 212	028 262 225	—	143 181 148	—	312 138 092	440 005 582	586 522 990	760 628 992	974 775	255 960	—	...
Lahore ...	00 00	980 000 000	038 xxxxxx	—	145 290 190	...	312 132 998	540 260 990	586 522 998	761 612 995	978 692	—	—	—
Multan ...														
Peshawar ...	00 00	MISDA	—	...	—	...	—	...	—	—	...	—	—	—
Quetta ...	00 00	MISDA	...	...	...	—	...	—	...	...	—	...	—	—

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	006 285 259	900 222 202	800 153 140	756 118 095	720 118 092	553 080 528	350 708 742	250 878 912	...	250 878 912	—	...
Jiwani ...													
Karachi ...	00 00	900 188 148	800 182 132	...	...	...	—	—	—	...	800 182 132	...	—
Lahore ...	00 00	900 232 202	800 175 175	...	...	—	...	...	—	...	800 175 175	—	...
Multan ...													
Peshawar ...	00 00	MISDA	...	...	—	—	—	—	—	—	—	—	...
Quetta ...	00 00	MISDA	—	—	...	...	...	...	...	...	...	—	—

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra ...	14 ·7	17 07	30 09	21 05	24 05	21 08	19 09	23 08	24 11	20 12	20 12	20 10	21 10	21 09	21 06
Chaklala ...	...	18 03	19 04	15 03	26 06	30 05	29 19	31 18	29 20		13 10	12 14	10 03	34 01	34 06
Chhor ...	19 11	20 10	10 14	17 12	...	...	...	...	...	24 14	22 12	20 10	17 13	15 12	10 12
Chittagong ...	19 13	20 10	21 17	22 14	21 09	21 12	...	—	...	...	—	—	—	—	—
Cox's Bazar ...	19 13	19 15	30 13	—	...	...	—	...	—	18 14	19 14	20 11	...	...	...
Dacca ...	20 13	21 13	30 10	20 08	20 07	18 07	26 22	33 04	12 04	19 13	20 15	30 15	31 12	20 13	28 07
Dalbandin ...	...	—	05 03	07 02	30 03	28 05	...	—	...	—	—	30 03	21 03	28 09	26 10
D. I. Khan ...	—	—	—	—	—	—	—	...	...	—	...	—	—	—	—
Drosh ...	...	...	...	...	22 11	19 15	28 11	29 09	29 15	...	—	...	23 06	24 08	25 04
Fort Sandeman ...	...	...	...	34 02	20 16	22 04	—	—	—	...	...	—	05 02	24 05	30 14
Jacobabad ...	19 07	18 05	19 02	18 02	25 02	16 04	10 17	07 20	06 18	19 12	19 08	13 09	15 06	16 04	07 06
Jessore ...	...	...	...	...	—	—	—	—	...	16 14	...	—	—	—	—
Jhelum ...	20 01	17 02	14 03	01 05	31 07	33 09	29 19	29 27	29 29	13 09	13 14	14 18	13 16	11 10	13 11
Jiwani ...	18 08	17 05	15 01	35 13	...	—	—	...	—	12 06	13 03	32 12	36 09	03 11	05 06
Karachi ...	22 08	22 08	18 04	09 04	...	...	...	—	...	...	—	—	—	—	—
Khanpur ...	26 08	24 10	24 12	26 17	24 18	21 21	15 16	15 11	17 08	26 15	25 17	26 15	18 07	25 03	10 08
Lahore ...	13 02	14 02	12 02	33 02	33 13	32 14	34 12	36 13	31 15	No	Ascent	—	—	—	—
Multan ...	20 05	20 04	23 05	27 05	29 13	28 22	—	—	—	22 19	23 19	24 17	24 13	29 09	30 06
Muscat ...	...	...	—	...	—	...	—	...	—	—	—	—	—	—	—
Panjgur ...	—	...	...	36 12	—	—	...	...	...	...	...	—	35 17	01 13	01 10
Peshawar ...	...	06 10	12 05	19 10	20 10	25 05	...	—	·	...	02 01	17 05	47 04	—	—
Quetta ...	—	—	—	...	24 01	18 03	—	—	—	...	—	—	—	23 04	26 04
Sharjah ...	...	...	...	—	...	...	...	...	...	...	...	...	...	...	—
Sylhet ...	27 04	28 08	27 11	25 09	23 13	23 07	05 [illegible]	35 05	30 07	No	Ascent	...	...	...	...
[illegible] ...	—	...	—	—	—	—	...	—	—	..	—	—	—	—	—

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 ...	21 10	20 12	19 13	18 16	19 13	20 10	—	—	—	—	—
Chaklala ...	—	17 04	15 08	—	—	—	—	—	—	—	—
Chhor ...	19 05	20 15	20 12	—	—	—	—	—	—	—	—
Chittagong ...	—	—	—	—	—	—	—	—	—	—	—
Cox's Bazar ...	—	—	—	—	—	—	—	—	—	—	—
Dacca ...	—	...	—	—	—	—	—	—	—	—	—
Dalbandin ...	—	...	11 05	16 07	29 03	25 13	19 25	24 07	29 07	—	—
D. I. Khan ...	—	—	—	—	—	—	—	—	—	—	—
Drosh ...	—	—	—	—	23 05	22 06	20 05	10 03	22 03	—	—
Fort Sandeman ...	—	—	—	00 00	35 03	03 08	—	—	—	—	—
Jacobabad ...	16 03	16 04	15 05	16 04	19 02	09 06	19 09	19 07	—	—	—
Jessore ...	—	—	—	—	—	—	—	—	—	—	—
Jhelum ...	18 05	32 07	12 09	16 09	10 04	32 07	01 11	32 10	21 11	31 13	28 10
Jiwani ...	19 04	04 08	09 05	06 09	35 02	—	—	—	—	—	—
Karachi ...	24 08	24 07	26 05	01 06	—	—	—	—	—	—	—
Khanpur ...	24 09	23 10	23 10	20 09	22 05	29 01	08 05	09 11	09 09	—	—
Lahore ...	23 07	01 07	06 06	10 11	13 10	12 10	34 08	—	—	—	—
Multan ...	20 01	20 04	20 06	22 09	26 07	29 07	30 13	—	—	—	—
Muscat ...	—	—	—	—	—	—	—	—	—	—	—
Panjgur ...	—	—	—	36 10	07 04	—	—	—	—	—	—
Peshawar ...	—	06 01	09 03	08 04	26 01	29 08	—	—	—	—	—
Quetta ...	—	—	—	—	25 02	27 02	—	—	—	—	—
Sharjah ...	—	—	—	—	—	—	—	—	—	—	—
Sylhet ...	—	—	—	—	—	—	—	—	—	—	—
[illegible] ...	—	—	—	—	—	—	—	—	—	—	—

†—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 ...	19 15	19 14	20 32	20 14	20 14	21 06	17 01	24 05	25 04	21 06	16 11	14 05	04 08	08 17		...	...	—
Karachi ...	27 12	26 12	30 11	33 11	05 15	14 15	01 06	14 06	30 14	06 16	09 15	03 21	09 28	08 27	09 25	...	...	...
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.

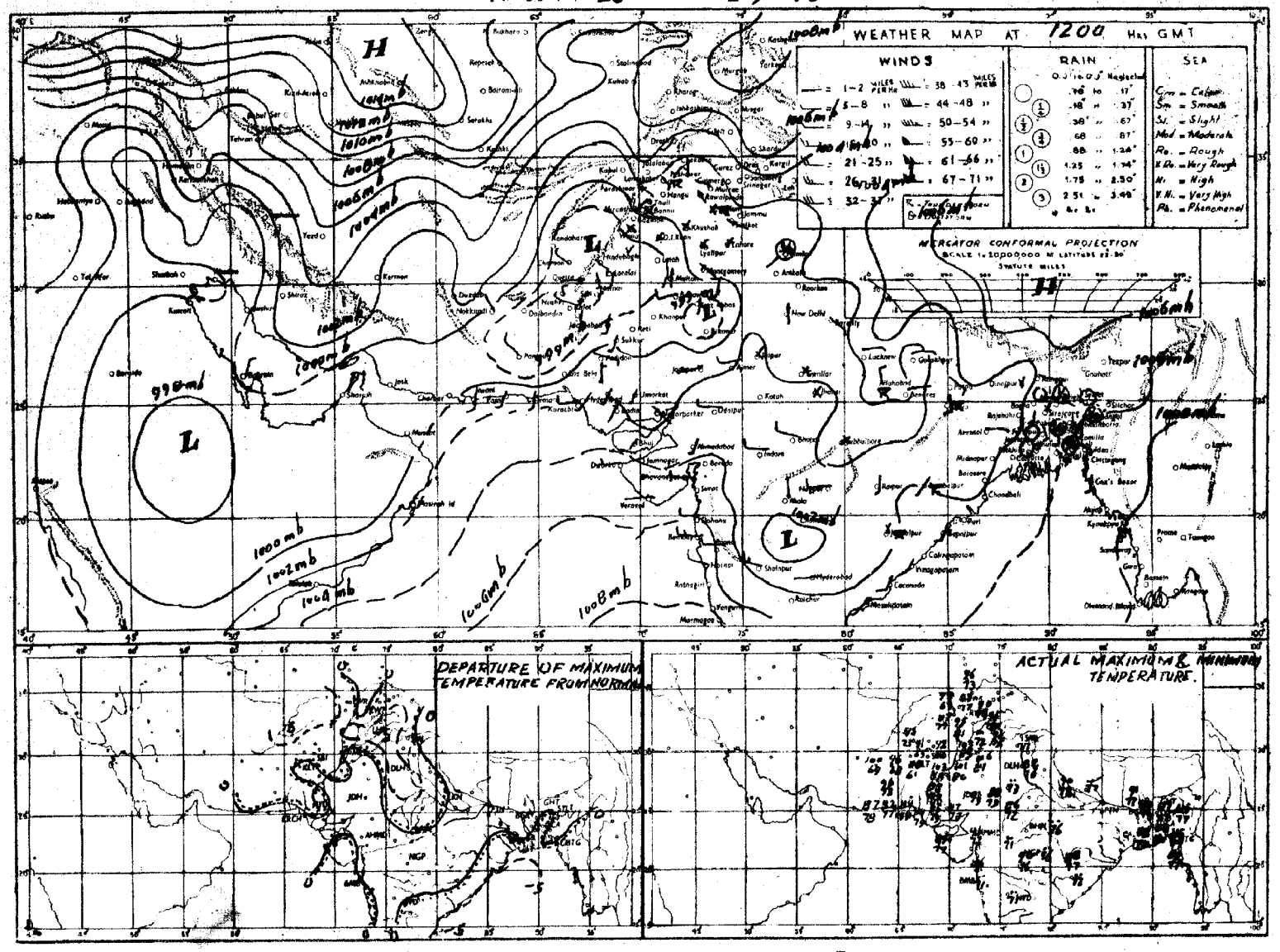
Cloud observation Data (GGiii Cdd V_rV_r etc.)

05 715 31 610

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

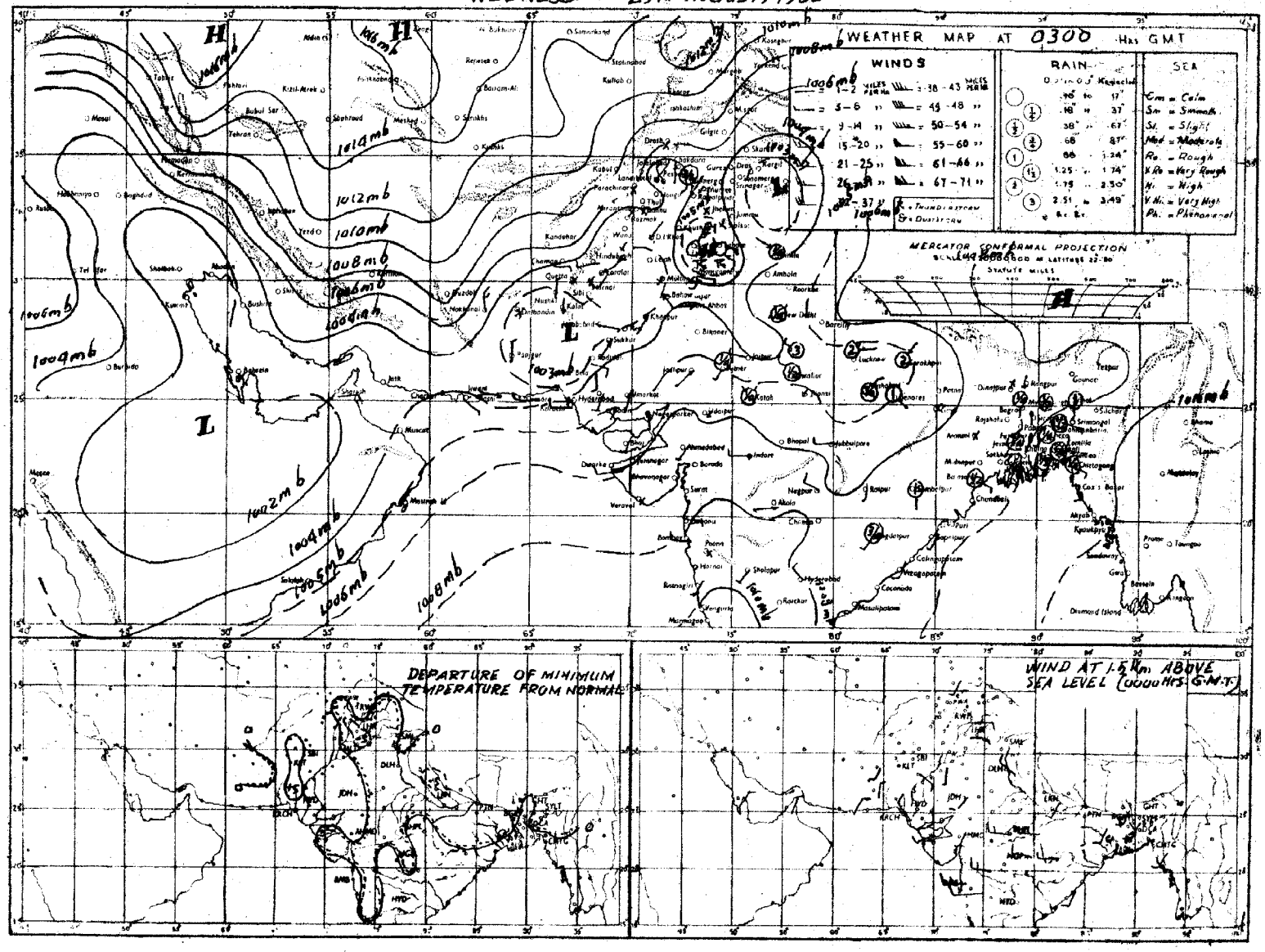
TUESDAY 28th AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY 29th AUGUST, 1962



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

THURSDAY THE 30th AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Axis of monsoon trough continues to run across Uttar Pradesh to Assam.

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

Yesterday's westerly low pressure wave is today moving away across Rawalpindi division and adjoining areas. Another lies over east Afghanistan and adjoining Peshawar division.

These have caused fairly widespread rain/thundershowers in Rawalpindi division and local in Peshawar division.

Chief amounts of rainfall are :—Dinajpur 3"; Bogra 2"; Maijdee Court and Sylhet 1½" each; Campbellpur 1"; Barisal and Chakdara 3/4" each; Rangamati, Narayanganj, Khulna, Satkhira, Rangpur and Kakul 1/2" each; Faridpur, Rawalpindi, Murree and Cherat 1/4" each.

Day temperatures were 3—8 °F (2—4 °C) below normal in Sargodha and D. I. Khan divisions and also in Kalat division outside the coastal districts and were 4—7 °F (2—3 °C) above normal in Karachi division.

Forecast valid until the evening of 31st August, 1962 :—Fairly widespread rain/thundershowers will occur in Chittagong, Dacca and Rawalpindi divisions as well as in Kashmir and local in Peshawar, Sargodha and Lahore divisions and elsewhere in East Pakistan. Scattered thunderstorms/showers will also occur in Quetta, D. I. Khan and Multan divisions.

Karachi-11
The 30th August, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	062	1	6	18	05	97	05	9	070	83	4	7	4	0	x	77	89
	Cox's Bazar	000	0	7	23	05	97	03	2	056	83	5	4	3	0	8	77	86
	Chittagong	000	8	3	18	07	97	02	1	057	83	1	1	7	1	1	78	86
	Maijdee Court	115	7	6	18	02	97	03	6	053	80	6	2	4	0	0	66	86
	Comilla	030	0	8	10	05	96	07	3	035	83	8	4	4	x	4	79	89
	Brahmanbaria	000	0	6	13	05	97	03	1	053	83	3	5	5	0	7	77	87
	Sylhet	023	9	8	10	05	96	61	6	053	79	5	4	2	x	x	77	81
	Srimangal	000	0	6	00	00	95	29	2	059	81	6	4	0	0	0	77	90
Dacca	Mymensingh	000	0	8	13	02	97	02	1	052	83	8	7	4	x	x	79	86
	Narayanganj	000	9	8	13	03	96	02	2	049	85	6	4	2	7	x	79	89
	Dacca (Tezgaon)	005	9	7	00	00	97	21	2	041	83	5	8	4	7	3	79	88
	Faridpur	035	3	5	16	05	96	02	6	029	86	3	5	6	1	0	82	87
Khulna	Barisal	070	4	5	18	02	97	03	6	049	84	5	0	9	4	2	78	87
	Khulna	052	4	7	00	00	97	01	6	049	83	7	4	5	0	0	77	88
	Satkhira	039	7	6	00	00	97	03	6	055	83	4	4	6	2	0	77	88
	Jessore	017	6	7	18	03	97	03	6	043	83	4	5	6	6	0	79	85
Rajshahi	Pabna	000	0	5	18	05	98	01	2	028	85	0	9	9	0	6	79	89
	Sirajganj	000	0	2	18	05	98	01	1	037	82	2	1	4	0	1	78	65
	Bogra																	
	Dinajpur	000	9	4	00	00	96	02	2	029	87	4	0	9	4	0	79	92
	Rangpur	000	0	7	36	02	96	03	2	033	84	7	5	6	0	0	79	90
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	9	2	23	02	96	02	2	006	90	2	1	7	0	0	73	91
	Sialkot	030	0	2	00	00	98	03	0	991	92	2	2	6	x	x	79	93
Rawalpindi	Jhelum	000	2	3	13	02	98	02	1	008	91	3	3	6	0	0	75	92
	Rawalpindi	000	0	5	13	03	98	03	1	002	90	5	3	6	0	0	74	91
	Campbellpur	000	0	0	13	02	98	00	0	004	93	0	0	9	0	0	73	92
Sargodha	Khushab	003	0	0	15	05	98	00	0	001	93	0	0	9	0	0	79	95
	Lyallpur	003	3	0	25	02	96	00	5	004	87	0	0	9	0	0	79	87
Multan	Montgomery	000	0	0	13	02	96	02	0	004	94	0	0	9	0	0	72	97
	Multan	000	0	6	00	00	97	03	1	985	96	2	4	6	3	2	72	03
	Leiah																	
Bahawalpur	Khanpur	000	0	1	23	02	96	02	0	986	00	1	1	6	0	0	71	01
	Bahawalpur	000	0	0	23	02	98	00	0	xxx	02	0	0	9	0	0	78	03
	Fort Abbas	000	0	0	00	00	98	00	0	991	00	0	0	9	0	0	74	04
Peshawar	Chakdara																	
	Peshawar	000	9	1	05	09	97	02	9	983	93	1	1	6	3	0	69	95
	Haripur	000	0	0	23	01	97	00	0	994	89	0	0	9	0	0	75	91
D. I. Khan	Bannu	000	3	6	13	02	99	10	2	995	94	0	0	9	0	0	73	91
	D. I. Khan	000	0	0	30	00	98	00	0	986	96	0	0	9	0	0	75	96
Quetta	Sibi	000	0	0	18	02	97	05	0	991	03	0	0	9	0	0	67	04
Kalat	Nokkundi	000	0	0	34	05	98	02	0	995	97	0	0	9	0	0	33	99
	Turbat	000	0	0	27	0	96	05	0	972	06	0	0	9	0	0	61	09
	Jiwani	000	0	9	23	14	95	05	0	018	85	9	x	0	x	x	75	83
	Pasni	000	8	0	20	16	95	05	1	963	84	0	0	9	0	0	75	88
Karachi Division	Ormara	000	0	5	27	09	94	03	2	013	65	8	0	9	0	1	79	89
	Lasbela	000	0	3	00	00	98	03	0	880	xx	3	0	9	3	0	82	01
	Karachi (Manora)	000	0	3	25	10	96	01	1	016	88	3	6	4	0	0	78	92
	Karachi (Airport)	000	0	3	23	09	96	01	1	018	86	3	5	6	0	0	77	89
Hyderabad	Nagarparkar	000	0	2	20	02	97	00	0	009	91	0	2	7	0	0	83	94
	Umerkot	000	0	8	23	01	98	02	0	008	95	8	2	7	0	0	73	98
	Hyderabad	000	0	3	20	07	97	01	1	012	94	3	5	6	0	0	72	96
	Badin	000	0	0	23	02	97	00	0	014	93	0	0	9	0	0	74	97
Khairpur	Padidan	000	0	4	18	10	98	03	0	003	97	2	0	9	4	1	70	99
	Nawabshah	000	0	0	13	07	96	02	0	015	97	3	5	6	0	0	67	99
	Sukkur	000	8	2	20	02	97	01	1	993	00	0	0	9	0	3	73	01
	Kashmore	000	0	0	00	00	99	00	0	980	00	0	0	9	0	0	71	00
	Jacobabad	000	0	1	13	05	97	02	0	996	82	1	0	9	3	0	75	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	0	05	03	97	02	0	414	82	1	1	6	3	1	49	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *	000	0	0	00	00	97	01	0	322	81	0	0	9	0	0	20	xx
	Misgar **	000	0	0	07	05	98	00	0	068	68	0	0	9	0	0	30	74
	Aliabad *																	
	Gilgit *	000	0	0	00	00	99	00	0	427	86	0	0	9	0	0	53	98
Rawalpindi	Murree *	002	2	8	13	05	95	61	4	456	65	8	9	2	x	x	62	68
Peshawar	Drosh *	000	2	5	23	14	97	17	9	415	87	5	9	7	0	0	57	94
	Cherat *	000	0	1	18	03	98	03	0	383	81	1	1	6	0	0	73	92
	Kakul *	000	8	3	28	05	97	17	1	448	00	3	3	5	0	0	67	81
	Landikotal *	000	0	1	13	03	98	01	0	424	85	1	1	7	0	0	69	88
	Parachinar *	000	0	6	13	02	99	03	0	454	72	6	6	8	1	0	59	86
D. I. Khan	Miranshah *	000	0	0	00	00	98	02	0	458	95	0	0	9	0	0	78	97
	Wana *	000	0	4	05	03	97	01	1	517	83	4	0	9	5	0	64	87
Quetta	Fort Sandeman *	000	0	0	07	02	96	05	4	434	99	0	0	9	0	0	54	94
	Hindubagh *	000	0	7	25	05	96	00	0	391	89	0	0	9	0	8	45	97
	Loralai *	000	0	7	16	03	98	02	2	434	84	0	4	8	2	1	64	90
	Harnai *	000	0	0	23	05	97	00	0	439	92	0	0	9	0	0	61	94
	Quetta *	000	0	0	31	02	96	00	0	424	87	0	0	9	0	0	69	90
	Chaman *	000	0	0	27	07	98	00	0	415	93	0	0	9	0	0	30	93
	Nushki *	000	9	0	36	05	96	05	4	473	93	0	0	9	0	0	49	94
	Dalbandin *	000	0	0	23	05	94	05	0	457	96	0	0	6	0	0	54	97
Kalat	Kalat *	000	9	0	34	05	96	00	0	431	80	0	0	9	0	0	75	84
	Panjgur *	000	0	0	31	07	96	02	0	452	94	0	0	9	0	0	27	96
Afghanistan	Kabul *																	
	Kandhar *																	

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	Rangamati	062	0	3	18	03	98	05	1	097	85	3	2	7	7	0	79	79
	Cox's Bazar	000	0	5	00	00	97	03	2	080	84	4	4	5	4	0	77	77
	Chittagong	006	8	3	13	05	97	03	6	083	85	3	5	6	0	0	76	76
	Maijdee Court	135	2	8	00	00	96	03	6	088	78	3	5	5	2	x	76	77
	Comilla	000	0	8	18	05	97	02	2	063	85	6	4	6	0	0	49	78
	Brahmanbaria	000	0	6	18	05	97	03	1	086	84	6	4	5	0	0	78	80
	Sylhet	148	9	8	00	00	93	63	9	062	77	8	0	4	x	x	76	75
	Srimangal	000	0	6	25	01	95	00	0	082	84	3	6	3	0	0	77	77
Dacca	Mymensingh	000	0	6	13	02	97	02	1	081	82	6	4	4	0	0	79	77
	Narayanganj	061	9	8	18	02	97	02	2	082	84	8	4	2	x	x	78	79
	Dacca (Tezgaon)	006	9	7	20	05	97	21	6	075	83	4	4	4	7	1	79	80
	Faridpur	036	0	7	20	03	97	02	2	079	85	6	5	6	1	0	78	79
Khulna	Barisal	070	9	6	18	02	97	02	6	085	84	6	0	9	4	0	78	80
	Khulna	052	0	5	00	00	97	01	2	081	66	5	5	6	0	0	80	79
	Satkhira	039	9	6	00	00	97	03	6	087	86	3	4	6	2	0	78	79
	Jessore	017	9	7	18	07	97	03	6	076	85	7	5	6	0	0	73	79
Rajshahi	Pabna	000	0	6	18	09	98	03	2	071	84	4	2	7	0	2	78	81
	Sirajganj	003	0	4	18	02	97	02	1	079	83	4	9	4	0	0	77	79
	Bogra	275	9	7	23	02	96	01	9	071	83	3	5	5	4	x	79	76
	Dinajpur	230	9	8	00	00	96	61	6	073	78	8	9	5	6	6	77	74
	Rangpur	040	8	7	18	09	96	03	6	066	83	7	5	6	0	0	79	78
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	5	13	03	96	03	1	040	81	3	6	4	3	0	77	75
	Sialkot	000	0	0	13	03	98	00	0	037	81	0	0	9	0	0	72	75
Rawalpindi	Jhelum	000	1	2	13	02	96	29	9	038	85	1	2	6	0	3	70	77
	Rawalpindi	021	1	8	31	10	xx	97	9	073	69	8	5	6	0	0	68	69
	Campbellpur	100	9	2	00	00	97	01	2	996	83	1	1	8	1	1	73	71
Sargodha	Khushab	000	0	6	11	05	97	03	3	035	84	3	3	8	3	0	80	83
	Lyallpur	003	8	6	16	03	95	97	9	045	80	6	3	8	0	0	78	79
Multan	Montgomery	000	0	4	05	05	96	03	3	037	83	4	3	7	0	0	72	80
	Multan	000	0	0	00	00	97	02	0	017	88	0	0	9	0	0	75	85
	Leiah																	
Bahawalpur	Khanpur	000	0	0	23	02	96	02	0	027	86	0	0	9	0	0	74	81
	Bahawalpur	000	0	0	00	00	98	00	0	030	88	0	0	9	0	0	73	xx
	Fort Abbas	000	0	0	18	03	98	00	0	037	87	0	0	9	0	0	76	81
Peshawar	Chakdara	083	3	7	10	08	96	05	0	046	68	7	3	7	0	0	65	67
	Peshawar	000	2	7	36	02	98	20	5	065	74	5	5	6	2	0	66	73
	Haripur	017	1	8	13	03	96	61	6	073	68	8	7	6	0	0	65	65
D. I. Khan	Bannu	000	0	6	03	00	99	03	2	010	83	0	0	9	6	0	72	79
	D. I. Khan	000	0	0	05	02	98	00	0	023	83	0	0	9	0	0	76	80
Quetta	Sibi	000	2	7	13	02	97	03	1	036	88	0	0	9	5	2	72	86
Kalat	Nokkundi	000	0	0	34	13	97	02	0	045	78	0	0	9	0	0	19	74
	Turbat	000	0	0	27	02	95	05	0	038	84	0	0	9	0	0	74	xx
	Jiwani	000	0	2	18	03	96	05	0	045	80	2	6	4	0	0	74	76
	Pasni	000	3	8	07	01	98	03	4	021	79	8	4	7	0	0	79	80
Karachi Division	Ormara	000	0	6	27	07	94	03	2	035	82	6	1	6	0	1	78	79
	Lasbela																	xx
	Karachi (Manora)	000	0	4	27	07	96	01	1	039	82	4	6	4	0	0	73	80
	Karachi (Airport)	000	0	4	27	05	96	03	1	045	82	4	6	5	0	0	76	79
Hyderabad	Nagarparkar	000	0	2	23	02	97	00	0	036	82	0	0	7	0	2	75	66
	Umerkot	000	0	4	20	02	97	02	0	038	84	4	2	7	0	0	76	77
	Hyderabad	000	0	0	23	07	97	02	0	036	83	0	0	9	0	0	74	80
	Badin	001	0	0	23	02	97	00	0	064	82	0	0	9	0	0	76	78
Khairpur	Padidan	000	0	1	13	09	97	03	0	027	83	1	0	9	4	0	75	80
	Nawabshah	000	0	2	18	07	96	02	0	036	83	0	0	9	0	1	75	79
	Sukkur	000	9	3	20	03	97	03	1	025	87	0	0	9	0	8	74	83
	Kashmore	000	0	0	00	00	99	00	0	981	83	0	0	9	0	0	68	75
	Jacobabad	000	0	0	18	03	97	02	0	027	85	0	0	9	0	0	81	83
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *	000	0	1	23	03	96	03	0	385	67	0	0	9	0	1	37	58
	Misgar **	000	0	0	16	02	98	00	0	092	57	0	0	9	0	0	27	45
	Aliabad *																	
	Gilgit *	000	0	3	00	00	98	01	1	457	75	3	5	8	0	0	59	63
Rawalpindi	Murree *	019	9	8	07	02	97	17	6	474	59	8	9	3	x	x	57	57
Peshawar	Drosh *	000	9	6	23	05	97	23	9	455	76	5	8	6	6	0	59	73
	Cherat *	033	3	9	16	03	96	40	2	411	64	9	x	0	x	x	64	62
	Kakul *	059	9	8	34	03	96	95	9	477	62	8	9	5	x	x	60	51
	Landikotal *	000	0	6	13	07	97	29	1	452	68	6	3	7	x	x	63	67
	Parachinar *	000	0	2	00	00	99	00	0	xxx	xx	2	0	9	1	0	57	63
D. I. Khan	Miranshah *	000	0	8	00	00	98	03	2	449	78	8	4	8	0	0	64	75
	Wana *	000	0	0	00	00	98	0	0	505	75	0	0	9	0	0	66	71
Quetta	Fort Sandeman *	000	0	0	00	00	98	05	4	467	77	0	0	9	0	0	63	73
	Hindubagh *	000	0	0	25	07	97	00	0	446	72	0	0	9	0	0	54	66
	Loralai *	000	0	6	27	02	99	01	2	425	78	0	0	9	2	1	66	68
	Harnai *	000	0	0	16	05	97	00	0	448	82	0	0	9	0	0	66	79
	Quetta *	000	0	0	00	00	96	00	0	472	73	0	0	9	0	0	61	66
	Chaman *	000	0	0	09	05	98	00	0	472	79	0	0	9	0	0	31	74
	Nushki *	000	9	0	09	05	97	05	4	490	79	0	0	9	0	0	47	74
	Dalbandin *	000	0	0	31	02	94	05	0	453	73	0	0	9	0	0	45	85
Kalat	Kalat *	000	0	0	31	02	96	00	0	462	66	0	0	9	0	0	61	61
	Panjgur *	000	0	0	00	00	97	02	0	456	73	0	0	9	0	0	21	65
Afghanistan	Kabul *																	
	Kandhar *																	

Departure from Normal of / Rainfall

Divisions (1)	Stations (2)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	—	—	—	—
	Cox's Bazar	0	+ 1	90.8	— 2.9	101.5	140
	Chittagong	0	0	65.1	+ 0.7	78.6	106
	Maijdee Court	+ 1	— 1	68.1	— 0.3	87.6	115
	Comilla	+ 1	+ 1	—	—	—	94
	Brahmanbaria	—	—	38.9	+ 0.6	56.5	78
	Sylhet	—	—	84.0	—	111.4	—
	Srimangal	0	+ 1	—	—	—	98
Dacca	Mymensingh	— 1	— 1	44.0	— 4.2	60.0	91
	Narayanganj	+ 1	0	33.8	— 4.4	51.1	74
	Dacca (Tezgaon)	—	—	42.2	—	47.1	—
	Faridpur	0	+ 1	28.5	— 8.8	41.7	78
Khulna	Barisal	0	+ 2	—	—	—	81
	Khulna	0	+ 1	30.6	— 9.7	38.3	68
	Satkhira	— 1	+ 1	40.3	+ 3.3	47.5	65
	Jessore	—	—	29.5	— 5.7	39.1	65
Rajshahi	Pabna	—	—	33.8	—	57.3	59
	Sirajganj	— 2	0	—	—	—	64
	Bogra		— 2	33.7	— 8.7	46.3	69
	Dinajpur	+ 3	— 4	38.2	— 4.1	45.4	72
	Rangpur	1	+ 1	39.5	— 7.5	61.7	84
Kashmir	Jammu						—
Lahore	Lahore (Jail Rd.)	— 6	— 2	7.5	— 4.7	13.8	19
	Sialkot	— 1	— 2	21.5	+ 1.7	26.0	32
Rawalpindi	Jhelum	—	—	15.9	—	32.0	
	Rawalpindi	— 2	— 5	27.2	+ 2.9	28.8	36
	Campbellpur	—	—	9.6	—	17.9	—
Sargodha	Khushab	— 4	— 1	7.1	— 7.7	6.1	15
	Lyallpur	— 10	0	5.6	— 2.0	9.4	13
Multan	Montgomery	+ 3	0	6.3	+ 0.2	9.4	10
	Multan	+ 5	+ 3	0.3	— 4.0	2.0	7
	Leiah						8
Bahawalpur	Khanpur	— 2	+ 2	3.3	— 1.3	4.3	6
	Bahawalpur	+ 2	—	1.4	— 2.7	2.1	6
	Fort Abbas	—	—	0.6	—	0.9	8
Peshawar	Chakdara	—	—	6.8	—	16.1	—
	Peshawar	— 2	— 4	1.5	— 2.0	8.1	11
	Haripur	—	—	17.6	—	24.2	—
D. I. Khan	Bannu	—	—	2.0	—	5.0	11
	D. I. Khan	— 4	0	1.6	— 3.2	4.4	9
Quetta	Sibi	—	—	2.6	—	3.7	9
Kalat	Nokkundi	—	—	0	—	0.1	3
	Turbat	—	—	1.8	—	4.6	—
	Jiwani	—	—	1.2	—	1.9	5
	Pasni	0	+ 5	0	— 0.9	0.2	6
Karachi Division	Ormara	—	—	0.1	— 0.7	2.0	6
	Lasbela	—					8
	Karachi (Manora)	+ 7	+ 2	3.7	— 1.8	3.7	8
	Karachi (Airport)	—	—	4.9	—	4.9	—
Hyderabad	Nagarparkar	—	—	6.4	—	6.4	—
	Umerkot	—	—	5.3	—	5.4	—
	Hyderabad	0	+ 2	4.3	— 1.1	5.1	7
	Badin	+ 4	0	3.5	— 2.6	4.1	9
Khairpur	Padidan	—	—	2.2	—	2.8	—
	Nawabshah	—	—	2.7	—	3.1	
	Sukkur	—	—	2.5	—	2.5	4
	Kashmore	—	—	0.5	—	0.5	—
	Jacobabad	— 2	+ 2	1.0	— 1.1	1.9	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						8
	HILL STATIONS						
Kashmir	Srinagar *	—					26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						28
	Leh **						3
	Skardu *	—	—				6
	Misgar **		—				—
	Aliabad *						—
	Gilgit *		—				8
Rawalpindi	Murree *	— 2	0	24.2	— 5.7	42.5	59
Peshawar	Drosh *	+ 1	+ 3	4.4	—	16.3	18
	Cherat *	+ 7	— 7	10.7	+ 1.0	34.8	29
	Kakul *	—	—	—	—	—	—
	Landikotal *	—	—	1.8	—	17.9	—
	Parachinar *	+ 1	0	—	—	—	29
D. I. Khan	Miranshah *	—	—	0.6	— 3.1	2.4	13
	Wana *	—	—	—	—	—	11
Quetta	Fort Sandeman *	— 1	+ 2	5.0	+ 1.3	9.7	11
	Hindubagh *	—	—	0.8	—	4.6	—
	Loralai *	—	—	1.1	—	4.6	9
	Harnai *	—	—	3.9	— 5.8	7.2	14
	Quetta *	—	—	0.1	— 0.9	4.3	9
	Chaman *	— 2	+ 6	0	— 0.1	1.3	8
	Nushki *	—	—	0	—	1.6	—
	Dalbandin *	— 8	— 4	0	— 0.3	1.1	4
Kalat	Kalat *	0	+ 7	0.2	— 0.9	2.1	7
	Panjgur *	— 4	— 4	0.3	—	1.3	6
Afghanistan	Kabul *						12
	Kandhar *						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 30th AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a pp	8 $N_sC h_sh_s$	$0T_sT_dT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Bridgestone	43 119	628 00	3 25 12	97 0 01	060 79	16 4 60	76 400	—		
Dunera	43 243	670 00	2 26 05	98 0 31	039 81	22 x xx	85 7 10	—	05 3 76	12 3 23
Safina-e-arab	43 129	743 06	3 34 05	98 0 20	010 86	22 0 00	—	—	—	—
India Renoun	43 212	659 06	7 25 09	98 0 22	034 68	80 5 70		—		
Silver lake	43 100	661 18	2 19 0	98 0 20	116 81	22 6 00	35 2 15	—	00 1 75	11 9 21
Bridgestone	43 250	585 18	2 06 0	96 0 51	045 86	20 6 10	76 3 06	...	00 2 79	—
Islamayur	43 146	860 00	2 20	98 0 10	077 82	21 6 00	—	—	—	—

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	049 272 249	—	—	143 172 E02	—	311 115 092	438 045 018	585 xxxxxx	757 152 162	970 782	249 975	434 122	...
Jiwani ...														
Karachi ...	00 00	001 273 242	032 293 270	—	137 235 212	—	318 118 062	437 038 532	581 602 632	751 680 998	951 792	286 805	—	...
Lahore ...	00 00	979 282 172	023 xxxxxx	—	141 212 125	...	311 158 992	440 090 990	585 018 995	766 565 995	985 650		—	—
Multan ...														
Peshawar ...	00 00	MISDA	—	...	—	...	—	...	—	—	—	...	—	...
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.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	005 778 255	900 215 199	800 158 138	550 002 515	350 702 732	250 868 902	...	—	...	250 868 902	—	—
Jiwani ...													
Karachi ...	00 00	900 235 222	800 182 115	...	...	—	—	—	...	...	800 182 115	...	—
Lahore ...	00 00	900 238 142	800 202 125	...	...	—	...	...	...	...	800 202 125	—	—
Multan ...													
Peshawar ...	00 00	MISDA	...	...	—	—	—	...	—	—	—	—	—
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*

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

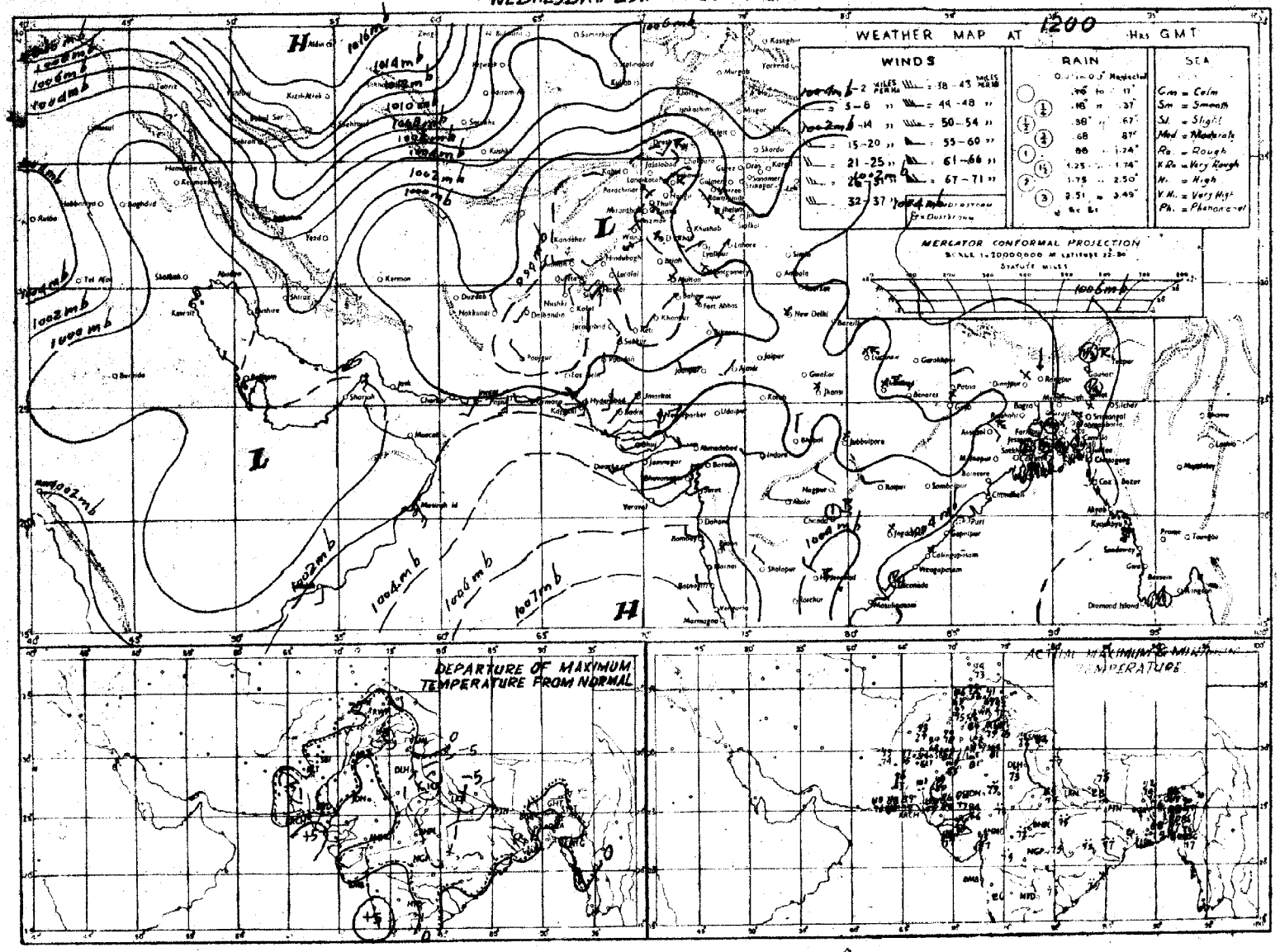
Cloud observation Data (GGiii Cdd V_rV_r etc.)

05 530 33 205
06 675 32 4xx

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

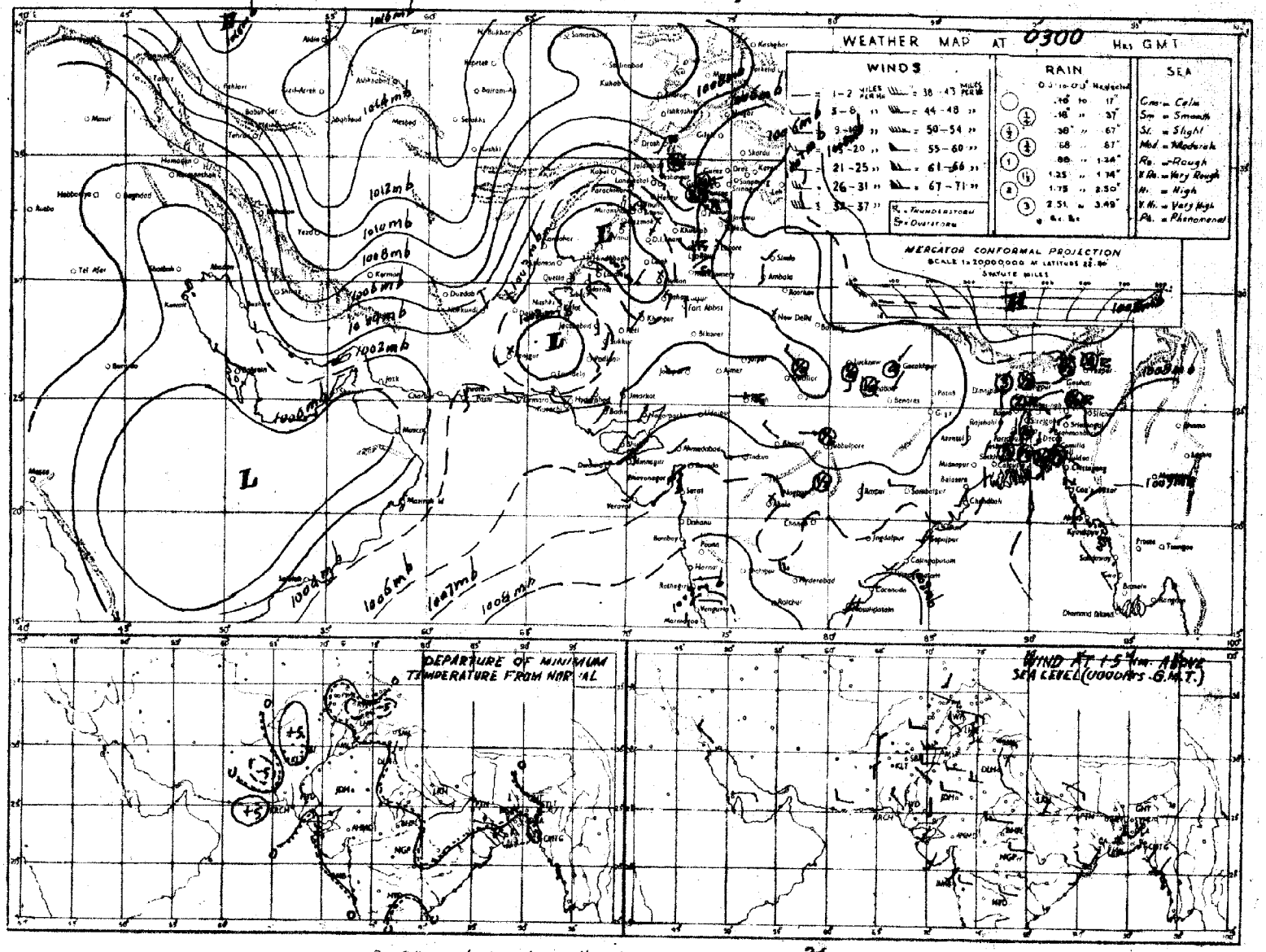
WEDNESDAY 29th AUGUST 1962.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY, 30th AUGUST, 1962.



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. 16

FRIDAY THE 31st AUGUST, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

The axis of monsoon trough runs across Utter Pradesh to East Pakistan.

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

Yesterday's westerly low pressure wave over Rawalpindi division and adjoining areas has moved away eastwards.

The other one over east Afghanistan and Peshawar division is today moving across D. I. Khan and Peshawar divisions.

These have caused widespread thunderstorm/showers in Sargodha division fairly widespread in Rawalpindi division local in Lahore, Multan and Peshawar divisions and scattered in Quetta division. A few duststorms have also been reported from Bahawalpur division.

Chief amounts of rainfall are :—Bogra 3", Dinajpur and Jhelum 2" each, Rawalpindi 1½", Sylhet, Murree, Khushab, Montgomery and Multan 1" each, Rangamati, Mymensingh, Pabna, Rangpur, Lahore and Kakul 1/2" each and Comilla, Narayanganj, Jessore, Cherat, Haripur and Harnai 1/4" each.

Day temperatures were 3—10 °F (2—6 °C) below normal in Peshawar, D. I. Khan, Rawalpindi, Sargodha, Lahore and Multan divisions and in Kalat division outside the coastal distts.

Forecast valid until the evening of 1st September, 1962 :—Local thunderstorms/showers will occur in East Pakistan and in Kashmir. Scattered thunderstorm/showers are also likely to occur in D. I. Khan, Peshawar, Rawalpindi, Sargodha, Lahore, Multan, Bahawalpur, Khairpur and Quetta divisions.

Karachi-11
The 31st August, 1962.

OBSERVATIONS

M. AZHAR ADIL
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 °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 1962 to date	Departure from normal	Since 1st January, 1962 to date	Annual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati —																		049	0	6	18	02	97	05	1	093	84	3	8	6	7	x	37	78			—	—	—	—
	Cox's Bazar —	000	0	6	C0	00	97	02	2	052	85	4	4	5	4	8	76	88	004	3	7	00	00	97	21	6	085	81	4	8	4	7	0	77	78	+ 2	+ 2	90.6	— 3.7	101.6	140
	Chittagong —	000	0	5	18	06	97	00	0	051	84	4	3	6	1	0	76	87	002	3	6	27	04	97	02	6	080	83	6	5	6	0	0	78	77	+ 1	+ 1	65.2	+ 0.2	78.7	100
	Maijdee Court —	000	9	6	13	05	96	02	2	054	85	2	2	6	2	2	78	86	000	9	6	00	00	97	03	2	080	86	6	3	6	0	0	81	78	+ 1	0	68.1	— 0.3	88.6	115
	Comilla —	000	0	8	00	00	96	60	6	034	82	8	4	4	x	0	79	89	035	4	8	00	00	97	02	6	057	83	8	4	5	x	x	80	78	+ 1	+ 1	—		—	94
	Brahmanbaria —	015	3	6	00	00	97	03	6	058	xx	6	5	5	0	0	78	88	015	0	6	23	02	97	03	1	085	83	6	4	5	0	0	76	77	—	—	39.0	+ 0.5	86.7	78
	Sylhet —	087	7	6	00	00	91	02	9	049	79	3	5	6	2	1	77	xx	107	9	7	09	05	76	63	6	061	80	5	7	4	2	x	78	77	—	—	85.1	—	112.0	—
	Srimangal —	000	3	4	00	00	95	02	5	057	80	4	0	4	0	0	77	83	000	0	3	00	00	95	03	2	086	83	3	0	3	0	0	79	77	— 1	+ 1	—		—	98
Dacca	Mymensingh —	020	4	8	13	02	97	02	6	051	81	8	7	4	x	x	78	88	047	6	8	13	02	96	95	9	083	77	8	7	4	x	x	76	75	+ 1	— 3	44.5	— 4.6	60.5	91
	Narayanganj —	000	9	8	18	02	96	02	2	048	85	6	7	2	3	x	79	88	032	x	x	xx	xx	97	03	6	079	86	7	4	2	0	0	77	83	0	+ 1	34.1	— 4.6	51.4	74
	Dacca (Tezgaon) —	000	0	6	18	05	97	02	2	043	83	8	9	4	5	1	79	88	009	0	6	23	02	97	02	1	072	83	4	8	4	2	4	79	79	—	—	42.3	—	47.2	—
	Faridpur —	000	0	6	20	05	96	02	2	048	83	5	4	6	1	0	80	88	000	0	9	20	02	96	02	2	077	85	6	5	6	1	0	76	81	+ 1	+ 3	28.5	— 9.2	41.7	71
Khulna	Barisal —	000	0	6	00	00	97	02	2	055	86	6	0	9	4	0	81	90	000	0	5	18	02	97	02	2	080	86	4	7	6	3	0	79	80	+ 3	+ 2	—	—	—	81
	Khulna —	000	0	6	03	00	97	01	2	051	86	6	5	5	0	0	80	xx	000	0	5	00	00	97	01	2	078	86	5	5	6	0	0	79	80	x	+ 2	30.6	— 10.1	38.3	68
	Satkhira —	000	0	6	00	00	97	03	2	054	85	4	4	6	2	0	77	90	000	0	6	00	00	97	03	2	079	96	4	4	6	2	0	77	79	+ 1	+ 1	40.3	+ 3.0	47.5	65
	Jessore —	019	9	8	18	02	96	03	6	045	83	8	7	5	0	0	79	84	019	9	7	18	07	97	03	6	072	84	5	6	6	x	2	80	78	—	—	19.7	— 5.8	39.3	65
Rajshahi	Pabna —	040	5	8	00	00	97	03	9	036	85	3	7	7	7	x	80	90	043	9	8	18	05	97	03	9	070	83	1	7	6	7	x	79	81	—	—	34.2	—	52.7	59
	Sirajganj —	000	0	8	00	00	97	02	2	041	83	8	0	9	0	4	77	87	000	0	8	00	00	97	02	2	080	82	8	5	5	x	x	79	80	0	+ 1	—	—	—	64
	Bogra —	000	0	6	13	02	96	02	2	xxx	84	3	0	5	0	1	81	89	253	9	8	00	00	95	61	9	066	80	8	7	4	x	x	79	75	+ 1	— 3	36.3	— 2.6	48.8	69
	Dinajpur —	058	0	6	00	00	96	03	6	032	79	6	0	9	0	3	76	87	240	9	8	00	00	95	61	6	071	77	8	7	5	x	x	75	73	— 2	— 5	4.6	— 2.2	47.8	72
	Rangpur —	044	7	6	18	02	96	01	6	033	83	x	0	9	2	0	79	89	064	7	8	18	07	96	03	6	073	82	8	6	6	x	x	79	79	— 1	+ 2	40.2	— 7.4	62.4	84
Kashmir	Jammu —																																								—
Lahore	Lahore (Jail Rd.) —	048	6	8	00	00	96	02	9	033	81	4	7	6	2	1	72	87	048	0	0	13	02	96	01	6	054	82	0	0	9	0	0	78	75	— 10	— 2	7.9	— 4.3	14.3	19
	Sialkot —	000	0	6	00	00	98	03	1	028	81	6	4	6	x	x	75	90	000	0	0	00	00	98	03	0	048	82	0	0	9	0	0	76	75	— 4	— 2	21.5	+ 1.5	26.0	22
Rawalpindi	Jhelum —	223	3	7	00	00	97	21	9	037	75	3	7	6	2	0	70	68	223	9	1	00	00	96	02	1	057	79	1	8	3	0	0	74	71	—	—	18.2	—	24.3	
	Rawalpindi —	148	8	2	05	03	99	00	9	026	81	1	1	8	0	5	73	82	148	0	1	36	02	96	03	2	060	78	7	0	9	3	0	70	67	— 9	— 7	23.7	+ 4.7	30.3	36
	Campbellpur —	000	0	0	13	04	98	00	0	021	82	0	0	9	0	9	70	93	000	0	1	33	02	97	02	0	983	76	0	1	8	0	2	75	76	—	—	9.6	—	17.9	—
Sargodha	Khushab —	123	5	0	13	10	98	00	9	030	79	0	0	9	0	0	76	90	123	0	0	00	02	98	03	0	007	77	0	0	9	5	0	76	76	— 9	— 5	2.4	— 6.5	7.3	15
	Lyallpur —	000	3	6	25	03	96	02	9	027	80	6	7	8	0	0	74	84	000	6	0	00	00	96	00	9	060	76	0	0	9	0	0	75	79	— 13	0	5.6	— 2.1	9.4	13
Multan	Montgomery —	100	0	8	13	04	96	29	2	052	76	8	9	7	0	0	75	97	115	0	4	05	02	96	02	0	051	80	4	3	7	0	0	73	74	— 3	— 6	7.5	+ 1.3	10.6	10
	Multan —	000	0	7	09	09	92	95	2	989	00	3	9	6	5	0	73	04	090	9	6	00	00	96	02	9	053	81	6	0	9	5	0	75	75	+ 6	— 7	1.2	— 3.2	2.9	7
	Leiah —																																								0
Bahawalpur	Khanpur —	000	0	3	23	07	96	03	0	986	01	2	0	9	4	1	70	01	000	8	0	00	00	95	05	3	047	84	0	0	9	0	0	74	80	— 1	+ 1	3.3	— 1.4	4.3	4
	Bahawalpur —	000	0	0	25	03	98	00	0	064	02	0	0	9	0	0	74	03	040	8	4	00	00	97	00	6	051	84	4	0	9	1	0	74	82	+ 2	+ 3	1.8	— 2.7	2.5	6
	Fort Abbas —	000	0	4	05	02	98	00	0	003	80	0	0	9	0	2	73	02	000	0	0	03	00	98	00	0	967	79	0	0	9	0	0	76	75	—	—	0.6		0.9	8
Peshawar	Chakdara —	000	0	0	36	02	97	00	0	004	84	0	0	9	0	0	68	85	090	0	0	18	02	97	00	0	042	72	0	0	9	0	0	67	68	—	—	6.8	—	16.1	—
	Peshawar —	014	9	3	36	03	98	02	6	031	84	1	3	6	3	1	67	85	014	0	2	00	00	97	01	0	063	79	1	8	6	3	0	70	73	— 12	— 4	1.7	— 1.9	8.3	11
	Haripur —	023	7	0	31	01	97	00	6	022	84	0	0	9	0	0	71	85	023	3	4	36	02	97	01	1	052	77	4	0	9	0	9	70	68	—	—	17.8	—	24.4	—
D. I. Khan	Bannu —	000	5	8	07	02	97	03	2	013	88	0	0	9	2	0	68	90	000	0	6	03	00	99	03	2	043	83	0	0	9	7	0	70	77	—	—	2.0	—	5.0	11
	D. I. Khan —	000	3	8	35	02	98	03	0	0°8	91	8	8	8	0	0	72	95	0.0	2	5	05	02	98	02	1	055	80	0	0	9	0	5	73	77	— 5	— 3	1.6	— 3.2	4.4	9
Quetta	Sibi —	000	9	7	18	02	97	03	0	987	03	0	0	9	5	2	67	06	000	9	7	36	02	97	03	1	049	86	0	2	9	4	2	68	84	—	—	2.6	—	3.7	3
Kalat	Nokkundi —	000	0	0	34	05	98	02	0	994	97	0	0	9	0	0	12	00	000	0	0	34	19	96	07	0	051	79	0	0	9	0	0	27	61	—	—	0	—	0.1	3
	Turbat —	000	0	0	27	01	95	05	0	991	04	0	0	9	0	0	60	06	003	0	0	29	02	94	05	0	056	81	0	0	9	0	0	74	xx	—	—	1.8	—	4.6	—
	Jiwani —	000	0	0	33	10	96	05	0	025	83	0	0	9	0	0	74	87	000	0	4	16	05	96	05	0	065	80	4	6	4	0	0	73	76	—	—	1.2	—	1.9	5
	Pasni —	000	8	4	23	08	95	02	1	999	88	0	0	9	4	4	74	87	400	3	0	29	02	96	05	1	979	81	0	0	9	0	0	77	77	+ 1	+ 2	0	— 0.9	0.2	6
Karachi Division	Ormara —	000	0	4	27	10	94	03	1	021	85	4	0	9	0	1	78	89	000	0	6	27	05	94	03	1	055	81	6	1	5	0	0	78	79	—	—	0.1	— 0.7	3.0	6
	Lasbela —																																								8
	Karachi (Manora) —	000	0	6	25	10	96	03	2	024	89	0	8	9	9	0	80	93	000	0	6	27	05	96	02	2	053	81	0	0	9	9	0	75	79	+ 8	+ 1	3.7	— 1.8	3.7	8
	Karachi (Airport) —	000	0	7	23	07	96	02	2	028	85	4	5	6	3	0	76	88	000	0	4	31	07	96	03	1	059	82	4	5	6	0	0	76	79	—		4.9		4.8	—
Hyderabad	Nagarparkar —	000	0	2	13	03	97	00	0	009	90	0	2	7	0	0	71	98	000	0	4	13	03	97	00	0	036	82	0	4	7	0	0	74	66	—	—	6.4	—	6.4	—
	Umerkot —	000	3	4	20	01	98	02	5	012	95	4	2	7	0	0	74	98	000	0	3	21	02	97	02	0	055	83	0	0	8	0	8	77	77	—	—	5.3	—	5.4	—
	Hyderabad —	000	0	1	20	14	97	01	1	012	92	1	5	6	0	0	74	95	000	0	0	20	05	97	02	0	052	82	0	0	9	0	0	75	80	— 1	+ 2	4.3	— 1.1	5.1	7
	Badin —	000	0	0	23	02	97	00	0	043	94	0	0	9	0	0	70	96	001	0	0	23	02	97	03	0	055	82	0	0	9	0	0	76	78	+ 3	0	3.5	— 2.7	4.1	9
Khairpur	Padidan —	000	0	2	13	10	97	02	0	002	98	2	1	6	0	0	71	98	000	0	1	13	09	97	03	0	043	83	1	0	9	4	0	75	79	—	—	2.2	—	2.8	—
	Nawabshah —	000	0	2	18	09	96	01	1	015	96	0	0	9	3	0	71	98	000	0	0	18	07	96	00	0	052	83	0	0	9	0	0	75	79	—	—	2.7	—	3.4	—
	Sukkur —	000	0	4	20	03	97	03	1	935	99	0	0	9	0	3	72	01	000	9	4	20	05	97	03	2	048	85	0	0	9	0	8	73	83	—	—	2.5	—	2.5	4
	Kashmore —	000	0	0	00	00	99	00	0	997	98	0	0	9	0	0	70	00	000	0	0	00	00	99	00	0	910	85	0	0	9	0	0	70	75	—	—	0.5	—	0.5	—
	Jacobabad —	030	0	0	18	03	97	02	0	983	99	0	0	9	0	0	81	01	000	0	4	09	03	96	03	0	051	84	4	0	9	3	0	82	84	— 2	+ 3	1.0	— 1.1	1.9	4
Junagadh	Veraval —																																								10
Afghanistan	Jalalabad —																																								
Arabia	Muscat —																																								4
	Kuwait —																																								5
	HILL STATIONS																																								
Kashmir	Srinagar * —																																								26
	Gulmarg ** —																																								—
	Sonamarg ** —																																								71
	Dras ** —																																								28
	Leh ** —	xxx																																							3
	Skardu * —	000	0	8	23	12	96	60	4	364	74	5	8	6	2	x	40	82																		—					6
	Misgar ** —	000	0	5	13	05	98	69	0	043	70	2	1	8		0	29	76	025	8	8	65	03	97	51	6	115	47	4	7	8	2	0	43	45	—	—	—	—	...	—
	Allabad * —																																								—
	Gilgit * —	000	0	8	00	00	97	02	2	449	76	8	5	6	x	x	58	90	000	0	6	00	00	98	01	1	482	68	6	5	8	0	0	66	64	—	—	—	—	—	8
Rawalpindi	Murree * —	095	7	5	27	21	98	02	9	455	66	3	1	4	5	0	59	68	095	9	5	00	00	97	02	1	487	62	0	0	9	5	0	55	84	— 3	— 3	25.1	— 5.1	43.5	33
Peshawar	Drosh * —	000	5	7	36	03	97	03	9	433	81	7	8	6	0	0	51	91	003	9	8	20	09	96	95	9	495	70	8	9	6	x	x	49	xx	— 2	—	4.4	—	16.4	18
	Cherat * —	025	8	7	18	03	98	03	1	412	xx	7	8	6	0	0	65	92	025	9	7	31	07	98	03	2	421	68	7	7	6	0	0	63	61	+ 7	— 8	10.9	+ 1.0	35.1	29
	Kakul * —	044	8	1	31	09	98	01	9	455	75	1	3	6	6	0	66	78	044	9	1	23	03	98	01	1	480	71	1	0	9	3	0	66	61	—	—	—	—	—	—
	Landikotal * —	016	0	6	15	03	97	02	6	439	76	6	5	7	x	x	64	81	016	0	1	04	00	97	03	0	469	71	1	1	7	0	0	65	63	—	—	1.9	—	18.4	—
	Parachinar * —	000	0	5	13	02	99	03	2	449	70	5	1	9	1	0	62	78	000	0	6	01	02	98	03	0	448	64	6	1	8	1	0	60	62	— 7	— 1	—	—	—	29
D. I. Khan	Miranshah * —	000	0	8	05	11	98	03	2	443	85	8	4	8	0	0	69	88	000	0	6	00	00	98	03	2	462	76	6	4	8	0	0	65	73	—	—	0.6	— 3.1	2.4	13
	Wana * —	000	0	4	13	03	99	01	1	413	82	4	1	9	0	0	64	88	000	0	4	00	00	98	00	0	513	71	4	1	9	0	0	64	69	—	—	—	—	—	11
Quetta	Fort Sandeman * —	000	0	2	25	02	97	05	4	428	92	2	6	8	3	0	42	93	003	0	0	00	00	97	05	4	486	74	0	0	8	0	0	60	70	— 2	— 1	4.9	— 0.7	8.7	11
	Hindubagh * —	000	0	6	23	06	97	00	0	412	86	0	0	9	0	0	55	89	000	9	0	27	03	97	00	0	453	68	0	0	9	0	0	51	63	—	—	0.8	—	4.6	—
	Loralai * —	000	0	8	11	03	97	02	2	431	86	0	4	7	2	1	59	90	000	0	6	02	02	99	01	2	403	75	0	0	9	2	1	63	48	—	—	1.4	—	4.6	9
	Harnai * —	000	0	0	05	05	97	00	0	424	89	0	0	9	0	0	57	94	030	0	7	31	05	97	03	0	447	74	7	9	5	0	0	63	68	—	—	4.2	— 5.7	7.5	14
	Quetta * —	000	0	3	31	02	96	02	0	412	87	2	1	5	0	0	65	88	000	0	0	00	00	96	00	0	467	72	0	0	9	0	0	60	64	—	—	0.1	— 0.9	4.3	9
	Chaman * —	000	0	0	27	07	98	00	0	439	94	0	0	9	0	0	31	95	000	0	0	09	05	98	00	0	467	81	0	0	9	0	0	34	75	0	+ 7	0	— 0.1	1.3	8
	Nushki * —	000	9	0	27	13	97	05	4	466	93	0	0	9	0	0	49	95	000	0	0	09	09	98	02	0	471	79	0	0	9	0	0	49	74	—	—	0	—	1.4	—
	Dalbandin * —	000	0	0	27	05	94	05	0	455	99	0	0	9	0	0	42	00	000	0	0	13	02	95	05	0	488	74	0	0	9	0	0	29	66	— 5	— 3	0	— 0.2	1.1	4
Kalat	Kalat * —	000	0	0	34	03	96	00	0	424	82	0	0	9	0	0	78	85	000	0	0	05	03	96	00	0	472	68	0	0	9	0	0	60	57	+ 1	+ 3	0.2	— 0.9	2.1	7
	Panjgur * —	000	0	0	31	04	97	02	0	451	94	0	0	9	0	0	33	97	000	0	0	13	03	97	02	0	464	76	0	0	9	0	0	26	63	— 3	— 8	0.3	—	1.3	8
Afghanistan	Kabul * —																																								
	Kandhar * —																																								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 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 31st AUGUST, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_oL_oL_o$	$L_oL_oL_o$ GG	N dd ff	VV ... W	PPP TT	$N_hC_hH_hC_m$	D_sV_s & PP	$S_TR_TC_TS_A$	$GT_wT_wT_dT_d$	$Id_ed_eP_eH_e$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dalila	53 250	650 00	x 42 05	96 0 20	000 96	xx 4xx	79 8 23	—	00 6 73	11 2 52
Dumra	59 250	656 00	5 27 07	98 0 22	039 xx	4x x-xx	68 6 10	—	06 8 75	12 7 22
Dumra	53 249	648 96	8 25 05	97 0 51	097 81	0x x xx	65 1 05	—	05 3 79	11 3 43
Dumra	53 251	625 12	0 23 10	97 0 52	020 82	0x x xx	53 0 05	—		12 5 12
Berenice	59 248	551 12	7 19 18	97 0 22	095 75	7x 0 xx	16 7 10	—	00 3 70	11 9 21
Dalila	53 253	575 12	0 10 10	96 0 74	067 88	00 9 00	76 7 16	—	05 2 75	11 0 x1
Australia	59 096	691 10	9 08 18	97 0-20	114 97	00 8 00	26 5 11	—	06 6 72	11 9 xx
Dumra	53 253	672 18	4 22 08	97 0 51	044 84	4x x ax	56 1 20	—	05 7 73	12 3 33

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
			HHHH TTT$_d$T$_d$T$_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bagra	—													
Chittagong	—													
Dacca	—	00 00	850 252 242	—	—	143 162 142	—	309 095 069	435 022 512	563 056 382	752 663 681	863 788	241 005	438 436	—
Jiwani	—													
Karachi	—	00 00	802 272 242	040 272 252	—	142 212 212	—	312 185 152	440 055 005	587 535 585	761 610 999	975 758	256 902	440 438	—
Lahore	—	00 00	981 272 232	—	—	141 208 172	—	312 115 105	440 252 040	586 548 999	759 645 999	972 735	247 845	—	—
Multan	—														
Peshawar	—	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—	—
Quetta	—	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—	—

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTT$_d$T$_d$T$_d$								Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE St.HHHHTT	TROPOPAUSE St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bagra	—												
Chittagong	—												
Dacca	—	00 00	905 272 52	900 202 165	800 138 122	574 032 562	350 722 775	—	—	—	—	350 722 779	—	—
Jiwani	—													
Karachi	—	00 00	900 235 212	800 185 152	—	—	—	—	—	—	—	800 185 152	—	—
Lahore	—	00 00	900 222 182	800 192 152	—	—	—	—	—	—	—	800 192 152	—	—
Multan	—													
Peshawar	—	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—
Quetta	—	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—

PPP—Pressure in hundreds and units of millibars.

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

S$_A$—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative.

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff)										At 0000 hrs. G.M.T. † of date (dd ff)						At 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	12 40	17 12	19 10	22 10	22 11	—	—	—	—		—	07 05	08 03	13 05	18 03	30 04	No	26 01	Ascent 03 01	01 03	36 01	28 09	27 14	27 09	—	—	—
Chakola	—	10 04	11 40	11 10	20 06	16 08	28 04	31 13	—		25 12	22 13	19 16	47 17	17 10	07 03	21 08	21 12	21 15	26 18	—	—	—	—	—	—	—
Chhor	22 15	22 14	22 15	18 10	18 11	18 05	17 08	—	—		30 01	27 04	33 03	27 03	28 04	35 02	24 03	28 04	31 06	—	—	—	—	—	—	—	—
Chittagong	18 11	20 13	21 15	—	—	—	—	—	—		36 05	01 06	35 07	—	—	—	30 05	32 07	32 07	—	—	—	—	—	—	—	—
Cox's Bazar	26 04	26 06	27 05	29 04	—	24 10	25 09	28 11	—		22 11	23 12	23 42	24 09	25 09	29 07	21 04	20 05	24 06	—	—	—	—	—	—	—	—
Dacca	18 10	xx xx	xx xx	21 09	22 10	22 10	25 14	26 11	21 11		—	—	01 01	05 05	09 09	16 06	—	—	04 04	07 03	16 03	17 07	19 12	23 04	25 14	28 26	—
Dalbandin	—	—	—	06 04	29 02	26 05	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
D.I. Khan	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	—	20 01	—	—	—		—	—	—	04 06	22 07	25 11	—	—	—	08 03	36 03	30 11	35 07	—	—	—	—
Port Sandeman	—	—	—	24 05	04 04	26 09	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jacobabad	17 07	18 07	19 09	15 11	23 04	16 12	17 09	19 08	27 21		14 09	16 08	12 08	15 09	14 08	26 03	16 04	14 05	14 06	11 07	13 07	11 07	17 11	21 10	26 17	27 27	30 34
Jacobabad	No	Ascent	—	—	09 05	—	—	—	—		23 19	23 18	24 46	24 10	23 09	23 10	23 09	23 09	22 80	—	—	—	—	—	—	—	—
Jiwani	—	—	—	—	—	—	—	—	—		33 03	06 01	07 01	10 04	10 06	34 04	37 01	12 01	30 04	09 06	01 09	32 09	32 08	24 04	26 17	25 24	26 34
Kalam	36 04	11 04	12 07	13 12	—	—	—	—	—		18 06	18 05	28 03	31 10	—	—	21 06	21 05	07 03	07 04	—	—	—	—	—	—	—
Jiwani	23 12	22 04	09 03	05 07	36 06	33 10	26 07	28 06	03 04		—	—	—	—	—	—	26 13	25 14	26 84	—	—	—	—	—	—	—	—
Karachi	25 06	23 09	23 09	26 02	20 02	16 03	19 02	18 03	29 06		—	23 15	23 16	25 10	25 06	17 08	30 04	30 05	30 08	36 18	25 09	19 07	15 03	19 09	24 06	09 03	—
Khuzdar	26 01	23 13	22 13	19 12	19 15	18 14	23 04	27 06	—		—	30 01	28 04	31 04	31 08	30 10	08 02	13 02	13 01	22 03	30 03	29 06	32 04	23 10	24 17	—	—
Lahore	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	31 04	30 07	27 05	25 04	27 06	—	—	—	—	—	—
Multan	22 09	22 09	22 10	26 09	29 06	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Muscat	—	—	—	36 09	32 03	20 09	28 10	23 02	33 08		—	—	—	24 13	34 23	01 08	—	—	—	34 10	34 20	31 05	17 01	—	—	—	—
Peshawar	—	35 04	04 04	27 08	19 03	32 09	33 17	34 34	—		—	01 03	38 02	14 02	31 03	—	—	01 04	03 04	03 05	33 06	27 02	—	—	—	—	—
Quetta	—	—	—	—	29 11	28 06	26 07	25 06	—		—	—	—	—	26 09	30 09	—	—	—	—	17 03	17 08	24 06	25 12	24 16	25 14	—
Sharjah	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sylhet	20 06	27 09	17 11	25 13	25 13	25 13	27 14	—	—		12 09	13 07	15 05	18 04	—	—	—	—	—	—	—	—	—	—	—	—	—
Varavel	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	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 09	23 10	23 09	33 08	38 08	25 06	25 04	23 06	16 04	09 08	06 47	08 11	06 48	03 19	—	—	—	—
Karachi	28 15	26 15	26 14	36 10	03 11	07 14	04 10	41 07	31 05	32 02	01 05	03 07	07 08	—	—	—	—	—
Peshawar	—	MISDA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Quetta																		

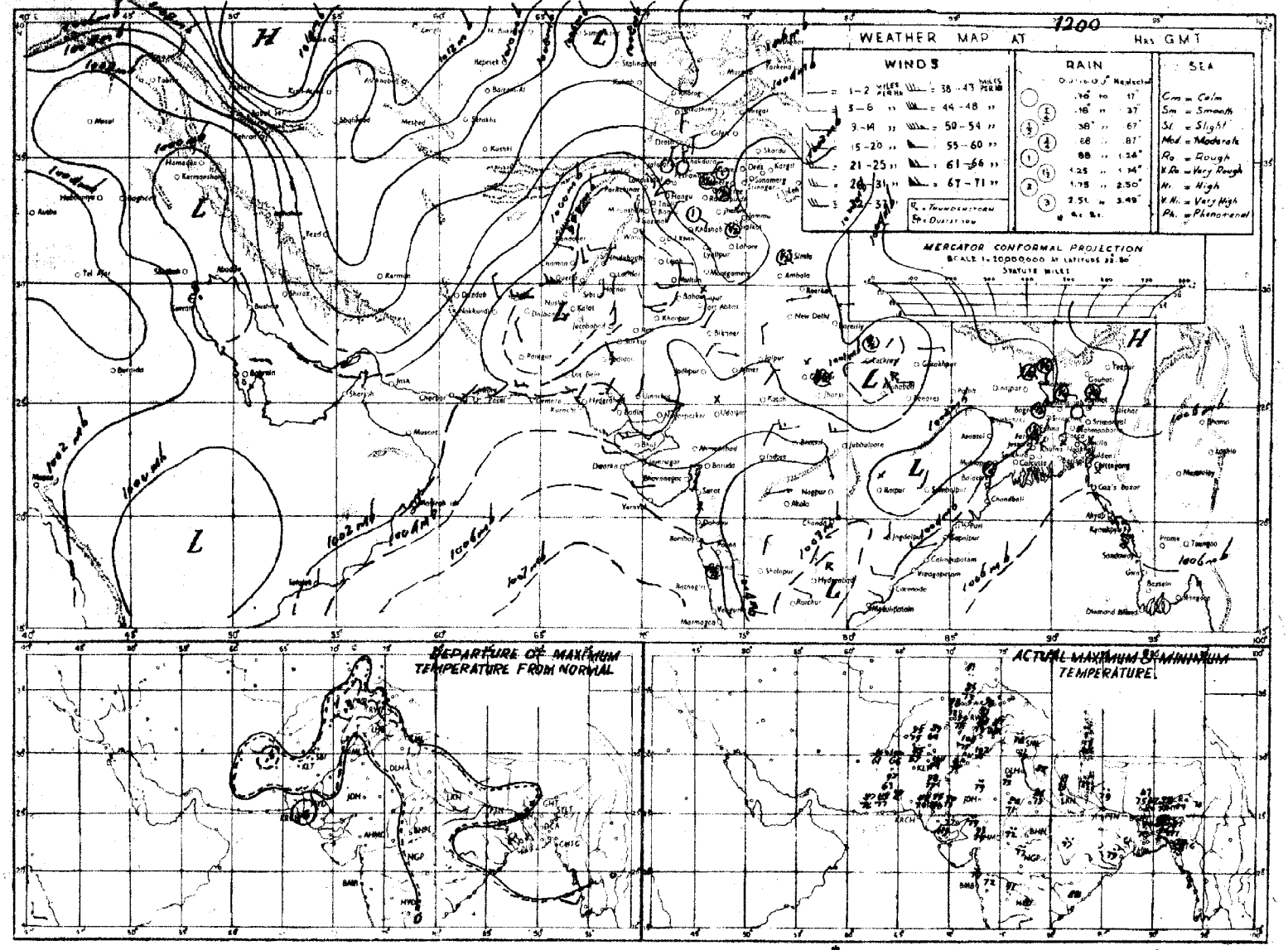
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "ff" and the hundred figures for wind speed "f" is omitted.

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 Base, KARACHI—14.

PAKISTAN DAILY WEATHER MAP

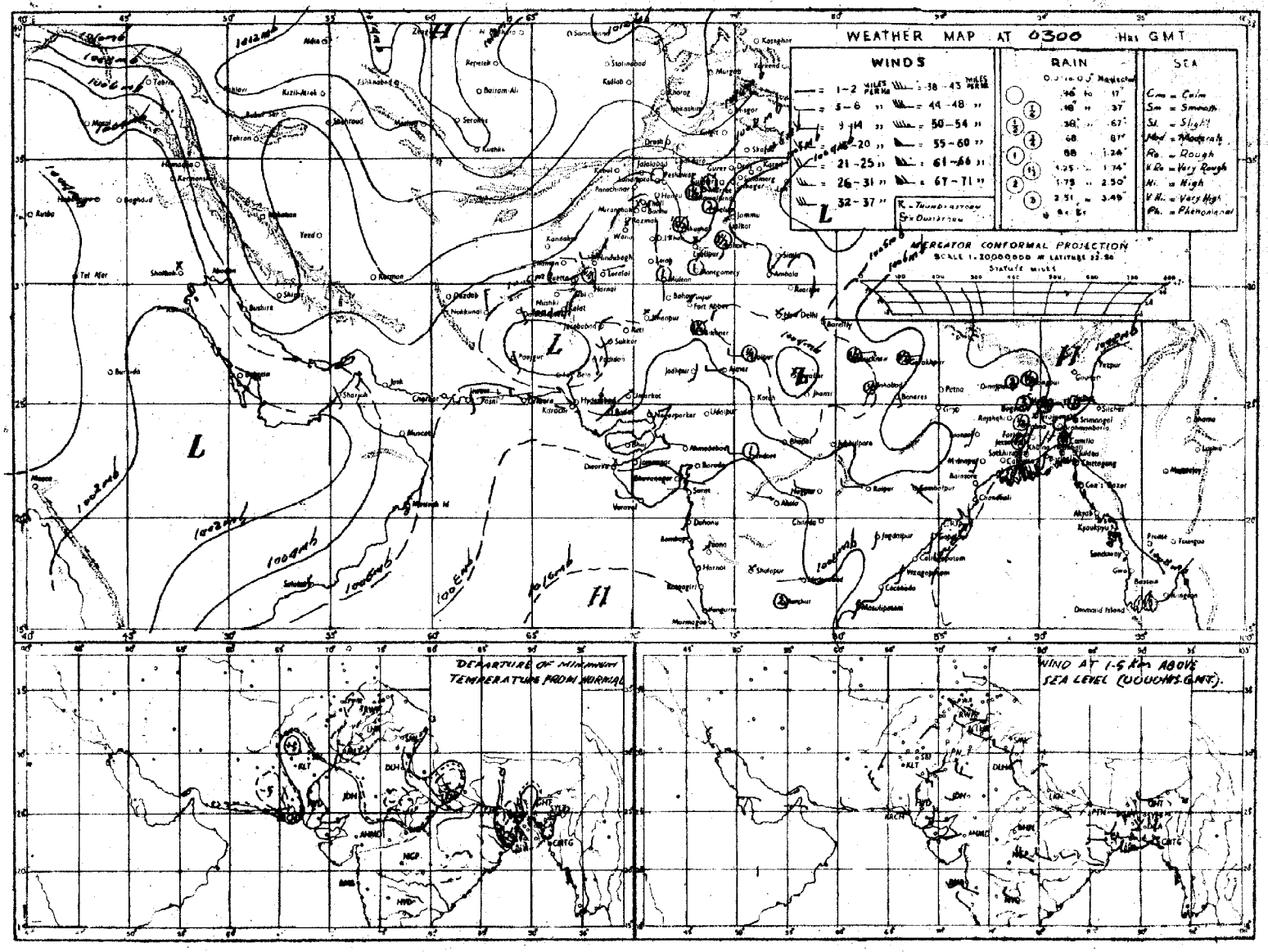
THURSDAY, 30th AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY, 31st AUGUST, 1962.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

SATURAY THE 1st SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

An easterly low pressure area lies over Bihar and adjoining areas.

Thunderstorm/showers have been local in Chittagong, Dacca and Rajshahi divisions.

Yesterday's westerly low pressure wave over D. I. Khan and Peshawar divisions is moving away across Kashmir and adjoining Rawalpindi division. It has caused local thunderstorm/showers in Peshawar division and scattered in Rawalpindi and Quetta divisions. A few falls of light rain have also occured in Bahawalpur and Hyderabad divisions.

Chief amounts of rainfall are :—Rangamati 3/4"; Faridpur and Murree 1/2" each; Sylhet and Badin 1/4" each.

Day temperatures were 3—8 °F (2—4 °C) below normal in Rajshai division and over West Pakistan outside Lahore, Karachi and Hyderabad divisions and in coastal districts of Kalat division and were 3—6 °F (2—3 °C) above normal in Karachi division and in the southern districts of Dacca and Khulna divisions.

Forecast valid until the evening of 2nd September, 1962 :—Local thunderstorms/showers will occur in Rajshahi division and scattered elsewhere over East Pakistan and in Rawalpindi division and Kashmir.

Karachi-11
The 1st September, 1962.

M. AZHAR ADIL
for Director, Meteorological Service.

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FEB 18 1963
WEATHER BUREAU

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 f (7)	Horizontal visibility † vv (8)	Present weather ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cox's Bazar	050	0	7	00	00	98	02	2	047	85	4	4	5	4	8	78	87
	Chittagong	000	0	7	27	03	97	03	2	041	86	7	6	5	0	0	76	89
	Maijdee Court	003	9	4	18	02	97	03	0	033	89	2	5	7	2	0	75	91
	Comilla	000	0	6	18	05	97	02	0	002	85	6	4	5	0	0	79	89
	Brahmanbaria	000	0	4	13	03	97	03	1	038	85	4	4	5	0	0	78	87
	Sylhet	026	8	4	00	00	96	01	6	038	84	4	8	5	1	1	77	xx
	Srimangal	000	6	0	02	00	95	00	5	049	84	0	0	9	0	0	77	87
Dacca	Mymensingh	003	8	5	00	00	97	02	9	046	83	1	2	4	8	4	79	83
	Narayanganj	000	9	3	00	00	96	03	1	048	88	1	4	8	0	8	77	91
	Dacca (Tezgaon)	000	0	2	00	00	97	03	9	032	88	7	1	6	7	1	78	90
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	Barisal	000	0	6	00	00	97	02	2	036	82	6	0	9	4	0	77	92
	Khulna	000	0	5	02	00	97	01	2	036	88	5	4	6	0	0	79	92
	Satkhira	000	0	4	00	00	97	01	2	042	87	1	1	8	2	0	76	92
	Jessore	000	0	6	18	03	97	02	2	033	81	7	4	6	0	0	78	xx
Rajshahi	Pabna	000	0	6	00	00	97	01	2	026	85	2	0	9	3	8	80	88
	Siraiganj																	
	Bogra	015	9	7	00	00	96	03	6	034	80	3	5	1	1	x	78	80
	Dinajpur	000	8	3	00	00	96	01	2	048	81	3	0	9	4	6	70	84
	Rangpur	000	0	4	13	02	96	01	2	035	83	4	0	9	2	0	79	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	6	2	23	02	96	02	0	023	90	2	0	9	7	0	73	92
	Sialkot	000	0	0	00	00	98	00	0	016	92	0	0	9	0	0	75	94
Rawalpindi	Jhelum	000	0	2	23	03	97	02	0	022	90	2	1	7	0	0	76	92
	Rawalpindi	000	0	2	23	03	98	00	0	027	88	2	3	6	0	0	73	89
	Campbellpur	000	0	0	05	04	98	00	0	049	90	2	0	9	0	0	xx	xx
Sargodha	Khushab	000	0	0	09	03	98	00	0	023	90	0	0	9	0	0	77	91
	Lyallpur	000	0	4	00	00	96	02	2	017	91	4	0	9	4	0	76	91
Multan	Montgomery	000	0	0	00	00	96	02	2	025	90	0	0	9	0	0	76	92
	Multan	000	0	7	00	00	97	03	1	023	91	2	4	6	5	2	78	92
	Leiah																	
Bahawalpur	Khanpur	000	0	6	05	12	94	07	0	025	92	4	2	6	4	0	75	95
	Bahawalpur	000	0	4	13	02	96	01	0	076	93	0	3	8	1	0	79	95
	Fort Abbas	000	0	0	23	02	98	00	0	028	88	0	0	9	0	0	75	94
Peshawar	Chakdara	000	0	7	36	02	97	01	0	001	84	5	3	9	0	0	67	90
	Peshawar	000	4	6	20	12	97	17	0	040	80	3	9	6	3	0	71	92
	Haripur	000	0	6	19	02	96	00	0	029	85	6	0	9	0	7	71	89
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	009	91	0	0	9	0	0	69	93
	D. I. Khan	000	2	6	00	00	98	00	0	017	93	0	0	9	6	0	71	93
Quetta	Sibi	000	9	2	23	02	97	05	1	017	99	0	2	9	4	2	69	xx
Kalat	Nokkundi	000	0	0	31	05	97	02	0	993	99	0	0	9	0	0	36	01
	Turbat	000	0	0	27	03	96	05	0	010	01	0	0	9	0	0	62	03
	Jiwani	000	0	0	23	10	98	01	0	047	85	0	0	9	0	0	71	86
	Pasni	000	8	6	16	12	97	02	1	996	86	0	0	9	1	3	74	90
Karachi Division	Ormara	000	0	1	27	14	94	03	1	031	88	1	1	6	0	0	73	88
	Lasbela																	
	Karachi (Manora)	000	0	0	25	12	96	03	2	035	87	3	0	9	9	0	82	90
	Karachi (Airport)	000	0	6	23	10	96	02	1	038	87	1	5	6	3	0	77	90
Hyderabad	Nagarparkar	000	0	3	19	02	97	00	0	013	95	0	3	7	0	0	67	86
	Umarkot	000	0	6	20	03	98	02	0	024	94	6	2	7	0	0	75	98
	Hyderabad	000	0	4	20	14	97	01	1	025	91	2	5	6	3	0	73	95
	Badin	026	3	8	23	02	97	02	5	053	84	8	0	9	0	2	77	86
Khairpur	Padidan	000	0	2	18	07	97	02	0	009	98	2	2	6	0	0	72	99
	Nawabshah	000	0	1	18	05	96	01	0	025	97	1	5	6	0	0	73	99
	Sukkur	000	8	4	23	02	97	04	1	006	02	4	0	9	8	0	73	02
	Kashmore	000	0	0	00	00	99	00	0	994	99	0	0	9	0	0	71	00
	Jacobabad	000	0	2	19	03	97	01	0	014	97	1	2	7	1	0	77	99
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **	xxx	x	2	23	06	98	01	1	039	xx	2	8	7	0	0	xx	xx
	Skardu *	000	8	2	23	05	95	01	1	358	75	2	2	8	0	0	43	79
	Misgar **																	
	Alizbad *																	
	Gilgit *	000	0	4	00	00	98	01	1	457	83	4	5	9	0	0	59	83
Rawalpindi	Murree *																	
Peshawar	Drosh *	002	8	6	00	00	97	03	9	474	80	3	8	6	2	0	49	66
	Cherat *	009	2	8	09	03	97	61	2	422	74	8	8	8	0	0	68	92
	Kakul *	000	0	3	20	09	97	02	1	464	77	3	7	6	0	0	67	81
	Landikotal *	000	3	5	13	03	97	03	0	454	78	6	0	9	7	x	58	84
	Parachinar *	000	1	6	13	02	98	20	6	456	68	6	6	8	0	0	56	77
D. I. Khan	Miranshah *	000	0	4	05	05	98	01	1	453	85	4	4	8	0	0	71	xx
	Wana *	000	0	0	00	00	98	00	0	509	82	0	0	9	0	0	60	86
Quetta	Fort Sandeman *	000	0	7	02	02	98	03	9	460	82	7	5	6	x	0	51	91
	Hindubagh *	000	0	3	13	05	97	00	0	425	81	0	0	9	0	8	57	88
	Loralai *	000	0	7	16	03	98	02	2	422	80	0	4	8	2	1	65	87
	Harnai *	000	0	8	36	09	96	10	0	443	87	8	9	5	0	0	67	89
	Quetta *	000	0	4	23	03	96	02	0	440	80	4	1	5	0	0	72	89
	Chaman *	000	0	0	27	07	98	00	0	432	97	0	0	9	0	0	39	98
	Nushki *	000	0	0	31	09	98	02	0	474	95	0	0	9	0	0	47	95
	Dalbandin *	000	0	0	23	02	95	05	0	462	98	0	0	9	0	0	41	00
Kalat	Kalat *	000	9	0	34	07	96	00	4	441	76	0	0	9	0	0	73	77
	Panjgur *	000	0	0	36	06	97	02	0	458	95	0	0	9	0	0	38	97
Afghanistan	Kabul *																	
	Kandhar *																	

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 f (24)	Horizontal visibility † VV (25)	Present weather ww (26)	Past weather † W (27)	Sea level pressure (mbs. and tenths)* PPP (28)	Dry Bulb temperature TT (29)	Amounts of Lowest Cloud † Nh (30)	Low Cloud form † CL (31)	Height of Lowest Cloud † h (32)	Medium Cloud form † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Rangamati	087	9	3	27	02	98	05	6	074	86	2	8	6	6	1	77	76
Cox's Bazar	000	0	7	00	00	97	02	2	062	85	5	8	5	7	0	78	81
Chittagong	001	8	6	34	02	97	03	6	060	84	5	3	6	1	0	78	78
Maijdee Court	010	6	6	31	02	97	03	6	064	85	6	2	5	0	0	78	81
Comilla	000	0	8	00	03	97	02	4	xxx	xx	8	4	5	0	0	81	75
Brahmanbaria	079	0	2	13	02	97	01	1	067	87	2	4	5	0	0	77	80
Sylhet	026	0	5	00	00	97	03	2	063	85	6	8	5	1	1	76	77
Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mymensingh	003	0	4	13	02	97	02	1	071	85	2	2	4	0	4	77	76
Narayanganj	000	9	6	00	00	97	00	0	064	87	6	4	3	0	0	83	82
Dacca (Tezgaon)	000	0	6	00	00	97	03	0	055	87	6	8	4	0	0	77	82
Faridpur	041	3	7	00	00	97	02	9	073	83	4	5	6	1	9	79	79
Barisal	000	0	4	00	00	97	02	1	055	82	4	0	9	8	0	xx	xx
Khulna	000	0	5	00	00	97	01	2	062	xx	5	5	6	0	0	81	81
Satkhira	000	0	6	00	03	97	03	2	065	87	4	4	6	2	0	80	80
Jessore	000	0	7	18	05	97	03	2	061	86	7	5	6	0	0	82	79
Pabna	000	9	5	13	05	99	03	9	064	87	3	2	7	3	0	81	81
Siraiganj																	
Bogra	015	9	7	13	02	96	02	2	063	83	7	6	4	1	0	80	73
Dinajpur	000	9	6	00	00	96	02	2	061	86	6	0	9	2	0	79	77
Rangpur	000	0	6	09	02	96	03	2	072	84	5	5	6	1	0	83	77
Jammu																	
Lahore (Jail Rd.)	000	0	3	00	00	96	03	0	054	85	0	0	9	0	7	75	80
Sialkot	000	0	0	00	00	97	00	0	042	85	0	0	9	0	0	78	76
Jhelum	000	0	1	31	02	97	07	0	044	82	1	0	9	3	0	76	78
Rawalpindi	000	0	0	25	02	96	00	0	060	75	0	0	9	0	0	68	71
Campbellpur	000	0	0	23	01	98	00	0	081	74	0	0	9	0	0	66	71
Khushab	000	0	0	00	00	97	00	0	014	83	0	0	9	0	0	80	76
Lyallpur	000	0	5	00	00	96	02	2	049	82	5	0	9	4	0	76	78
Montgomery	000	0	3	00	00	96	03	0	057	85	0	0	9	0	1	79	79
Multan	000	0	2	00	00	96	05	0	051	85	0	0	9	0	1	73	80
Leiah																	
Khanpur	000	0	2	00	00	95	05	9	053	86	2	0	9	3	0	74	77
Bahawalpur	050	9	0	00	00	98	05	6	063	82	0	0	9	0	0	70	80
Fort Abbas	000	0	0	18	02	98	00	0	055	85	0	0	9	0	0	75	78
Chakdara																	
Peshawar	000	9	0	00	00	97	01	1	061	79	0	0	9	0	0	68	72
Haripur	000	0	0	09	01	97	00	0	059	76	0	0	9	0	0	64	67
Bannu	000	0	0	00	00	99	00	0	037	82	0	0	9	0	0	67	76
D. I. Khan	030	0	0	05	02	98	00	0	047	83	0	0	9	0	0	72	79
Sibi	000	9	5	05	02	98	02	1	054	85	0	0	9	4	2	72	82
Nokkundi	000	0	0	36	02	98	02	0	064	78	0	0	9	0	0	25	71
Turbat	000	0	0	27	01	96	05	0	056	82	0	0	9	0	0	73	xx
Jiwani	000	0	4	23	03	97	02	0	075	80	4	6	4	0	0	76	76
Pasni	000	3	8	02	01	97	03	4	021	79	8	4	7	0	0	78	78
Ormara	000	0	1	27	07	94	03	1	065	81	1	1	6	0	0	77	79
Lasbela																	
Karachi (Manora)	000	0	3	27	10	96	01	1	066	83	0	0	9	4	0	77	81
Karachi (Airport)	000	0	2	27	09	96	03	1	068	81	1	6	5	3	0	77	79
Nagarparkar	000	0	2	05	02	97	02	0	059	84	0	2	7	0	0	74	66
Umarkot	000	0	0	20	03	97	02	0	064	85	0	0	9	0	0	76	76
Hyderabad	000	0	1	20	05	97	03	0	060	83	0	0	9	0	0	73	80
Badin	026	0	0	23	02	97	03	0	083	81	0	0	9	0	0	77	79
Padidan	000	0	0	13	05	98	02	0	052	83	0	0	9	0	0	73	80
Nawabshah	000	0	0	13	02	96	02	0	063	83	0	0	9	0	0	73	xx
Sukkur	010	9	4	16	02	97	03	2	050	86	0	0	9	0	8	76	84
Kashmore	000	0	0	00	00	99	00	0	986	81	0	0	9	0	0	67	73
Jacobabad	000	0	4	00	00	97	03	0	055	87	4	0	9	4	0	81	85
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar *																	
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Skardu *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar **																	
Alizbad *																	
Gilgit *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Murree *	045	9	3	27	02	97	01	9	481	83	0	0	9	5	0	47	53
Drosh *	002	3	0	00	00	98	98	2	493	66	0	0	9	0	0	52	63
Cherat *	014	9	0	21	13	98	02	0	422	69	0	0	9	0	0	59	62
Kakul *	000	9	0	18	02	98	00	0	479	70	0	0	9	0	0	60	63
Landikotal *	000	0	0	03	00	97	00	0	470	73	0	0	9	0	0	58	67
Parachinar *	002	0	0	00	00	99	00	0	493	63	0	0	9	0	0	55	60
Miranshah *	000	0	0	00	00	99	00	0	462	76	0	0	9	0	0	65	73
Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fort Sandeman *	000	0	0	00	00	98	01	0	489	72	0	0	9	0	0	67	68
Hindubagh *	000	0	4	27	02	97	00	0	459	68	0	0	9	0	8	57	59
Loralai *	000	0	5	31	02	99	01	1	393	71	0	0	9	1	2	63	62
Harnai *	000	0	3	26	05	97	01	0	454	78	3	1	5	0	0	67	74
Quetta *	000	0	0	00	00	96	00	0	480	71	0	0	9	0	0	57	60
Chaman *	000	0	0	09	05	98	00	0	462	80	0	0	9	0	0	35	75
Nushki *	000	0	0	09	13	93	02	0	490	79	0	0	9	0	0	47	73
Dalbandin *	003	0	0	23	02	96	02	0	465	70	0	0	9	0	0	35	61
Kalat *	000	0	0	18	03	96	00	0	491	62	0	0	9	0	0	59	55
Panjgur *	000	0	0	00	00	96	02	0	469	72	0	0	9	0	0	41	64
Kabul *																	
Kandhar *																	

Departure from Normal of / Rainfall

Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati		—	—	—	—	—
Cox's Bazar	+ 1	+ 4	90.8	— 4.3	101.6	140
Chittagong	+ 3	+ 2	65.2	— 0.3	78.7	108
Maijdee Court	+ 6	+ 3	68.2	— 1.0	87.7	135
Comilla	+ 4	+ 2	—	—	—	94
Brahmanbaria	—	—	39.0	+ 0.1	56.7	78
Sylhet	×	—	85.3	—	112.3	
Srimangal	— 3					98
Mymensingh	— 4	— 2	44.5	— 5.0	60.5	91
Narayanganj	+ 3	+ 3	34.1	— 4.9	51.4	74
Dacca (Tezgaon)	—	—	42.3	—	47.2	—
Faridpur		0	28.9	— 9.2	41.2	71
Barisal	+ 5	×	—	—	—	81
Khulna	+ 4	+ 3	30.6	— 10.5	38.3	60
Satkhira	+ 3	+ 2	40.3	+ 2.6	47.5	65
Jessore	×	—	29.7	— 6.1	39.3	65
Pabna	—	—	34.2	—	52.7	59
Siraiganj						64
Bogra	— 8	+ 1	36.4	— 2.8	49.0	69
Dinajpur	— 5	— 1	4 6	— 3.7	47.8	72
Rangpur	+ 2	0	43.2	— 7.9	62.3	84
Jammu						—
Lahore (Jail Rd.)	— 5	+ 4	7.9	— 4.5	14.3	19
Sialkot	8	+ 1	21.5	+ 1.3	26.0	32
Jhelum	—	—	18.2	—	24.3	
Rawalpindi	— 4	— 2	23.7	+ 3.9	30.3	36
Campbellpur	—	—	9.6	—	17.9	—
Khushab	— 8	— 3	2.4	— 6.5	7.3	15
Lyallpur	— 6	0	5.6	— 2.2	9.4	13
Montgomery	— 8	— 1	7.5	+ 1.3	10.6	10
Multan	— 6	— 1	1.2	— 3.2	2.9	7
Leiah						8
Khanpur	— 4	— 2	3.3	— 1.4	4.3	6
Bahawalpur	— 6	+ 2	1.8	— 2.2	2.5	6
Fort Abbas	—	—	0.6	—	0.9	8
Chakdara	—					—
Peshawar	— 5	— 4	1.7	— 1.9	8.3	11
Haripur	—		17.8	—	24.4	—
Bannu	—	—	2.0	—	5.0	11
D. I. Khan	— 7	0	1.6	— 3.3	4.4	9
Sibi	—	—	2.6	—	3.7	5
Nokkundi	—	—	0	—	0.1	2
Turbat	—	—	1.8	—	4.6	—
Jiwani	—	—	1.2	—	1.9	5
Pasni	+ 2	+ 4	0	— 0.9	0.3	4
Ormara	—	—	0.1	— 0.7	2.0	6
Lasbela						8
Karachi (Manora)	+ 5	+ 2	3.7	— 1.8	3.7	8
Karachi (Airport)	—	—	4.9	—	4.9	—
Nagarparkar	—	—	6.4	—	6.3	—
Umarkot	—	—	5.3	—	5.4	—
Hyderabad	— 1	+ 2	4.3	— 1.1	5.1	7
Badin	+ 2	+ 1	3.8	— 2.6	4.4	9
Padidan	—	—	2.2	—	2.8	—
Nawabshah	—	—	2.7	—	3.1	—
Sukkur	—	—	2.5	—	2.5	4
Kashmore	—	—	0.5	—	0.5	—
Jacobabad	— 4	+ 5	1.0	— 1.1	1.9	4
Veraval						27
Jalalabad						
Muscat						4
Kuwait						5
HILL STATIONS						
Srinagar *						26
Gulmarg **						—
Sonamarg **						71
Dras **						26
Leh **	—					3
Skardu *	—					6
Misgar **						—
Alizbad *						—
Gilgit *	—					5
Murree *		— 3	25.6	— 4.9	43.9	59
Drosh *	— 7	— 5	4.4	—	16.4	18
Cherat *	+ 7	— 6	11.1	+ 1.0	35.2	29
Kakul *	—	—	—	—	—	[illegible]
Landikotal *	—	—	1.9	—	16.1	
Parachinar *	— 8	— 4	—	—	—	28
Miranshah *	—	—	0.6	— 3.1	2.4	13
Wana *	—					11
Fort Sandeman *	— 4	— 2	4.9	+ 0.3	9.7	11
Hindubagh *		—	0.8	—	4.6	—
Loralai *	—	—	1.1	—	4.6	9
Harnai *	—	—	4.2	— 2.4	7.5	14
Quetta *	—	—	0.1	— 0.9	4.3	9
Chaman *	+ 3	+ 8	0	— 0.1	1.3	8
Nushki *	—	—	0	—	1.6	—
Dalbandin *	— 5	— 4	0	— 0.2	1.1	4
Kalat *	— 7	+ 2	0.2	— 0.9	2.1	7
Panjgur *	— 3	— 4	0.3	—	1.3	8
Kabul *						12
Kandhar *						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 1st SEPTEMBER, 1962.

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	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$I_wd_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Circossia	62 195	595 00	0 11 19	97 0 10	043 77	00 9 00		—		
Dumra	63 245	639 00	1 22 08	97 0 11	043 81	1x x xx	55 7 04	—	05 5 76	12 2 23
Kareem	63 119	691 00	2 35 13	98 0 21	087 81	81 4 98	74 4 00	—	85 1 80	12 5 45
Essorocherdam	63 160	533 06	8 21 05	97 0 22	062 77	85 4 xx	16 2 22	—	00 2 73	12 1 21
Sirdhana	63 212	696 06	5 26 09	99 6 21	094 82	48 6 04	65 3 10	—	00 0 32	12 6 53
Modjokerk	63 091	763 06	4 34 13	98 0 11	088 82	23 3 41	75 0 00	—	00 0 79	13 4 32
Jalazad	63 243	669 06	2 23 09	97 0 22	074 86	87 6 2x	46 2 04	—	00 6 82	12 3 36
Kingmalcohm	63 134	527 06	2 18 24	97 0 50	05x 77			—		
Modjokerk	63 084	763 06	4 34 13	98 0 11	088 82	33 2 41	85 0 00	—	00 8 70	13 4 32
Birenia	63 218	597 12	6 17 10	97 0 22	060 79	5x 4 3x	26 8 15	—	00 4 78	11 7 22
Kareem	63 122	679 12	7 27 13	97 0 31	051 70	41 3 10	74 6 02	—	00 1 xx	12 7 34
Rotterdam	63 168	552 12	6 24 09	96 0 22	025 77	65 5 03	16 7 29	—	00 0 92	12 4 22
Sirdhana	63 233	677 18	3 26 09	99 0 21	076 82	3x x xx	75 2 05	—	05 1 77	12 6 xx
Modjokerk	63 115	749 18	5 33 13	98 1 31	090 81	34 3 xx	75 1 10	—	0o 1 77	03 3 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
		$PPPTTTT_dT_dT_d$	HHHTTTT$_d$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	040 268 248	...	...	145 192 158	...	312 141 085	441 065 012	587 812 548	766 368 648	986 668	...	...	...
Jiwani ...														
Karachi ...	00 00	003 272 238	046 245 232	...	141 182 155	...	308 082 053	438 515 992	576 598 995	747 649 995	559 795	082 990	416 092	...
Lahore ...	00 00	980 288 255	036 xxxxxx	...	141 172 172	...	309 065 048	433 530 990	574 662 998	738 765 995	...	...	...	...
Multan ...														
Peshawar ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	004 292 265	900 222 190	800 168 128	467 002 965	350 628 712	...	...	...	...	350 628 712	...	...
Jiwani ...													
Karachi ...	00 00	900 202 175	800 165 155	...	...	...	...	...	...	...	800 165 155	...	...
Lahore ...	00 00	900 225 192	800 125 123	...	...	...	...	...	...	...	800 125 122	...	...
Multan ...													
Peshawar ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...

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

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

UPPER WIND DATA*

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

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	17 09	19 09	21 06	24 05	15 04	27 09			
Chaklala ...	—	12 04	22 03	25 02	23 02	30 07	27 11	36 19	26 18
Chitral ...	20 09	31 08	21 09	30 10					
Chittagong ...	27 14	22 09	36 09	36 09	35 09	34 09	33 06	34 03	34 04
Cox's Bazar ...	31 05	31 05	33 06						
Dacca ...	22 04	26 01	24 03	25 05	26 05	33 05	29 07	29 05	32 12
Dalbandin ...	—	—	27 01	25 10	25 10	26 11	25 09	21 09	23 12
D. I. Khan ...	—	—	—	—			—	—	—
Drosh ...	—		—		05 04	05 01	—	—	—
Fort Sandeman ...				33 09	36 11	17 06			
Jacobabad ...	15 C4	15 04	16 04	13 03	15 05	14 09	24 17	25 15	28 17
Jessore ...	21 09	20 12	12 11	23 07					
Jhelum ...	22 03	22 06	17 05	09 04	05 04	36 08	28 18	28 26	27 19
Jiwani ...	22 11	31 08	21 05	21 05	35 07	01 12	24 08	30 05	30 06
Karachi ...	25 13	26 12	26 10	28 05	04 04		—	—	—
Khanpur ...	28 08	27 07	25 09	19 09	19 14	19 02			
Lahore ...	26 05	26 07	26 C8	29 03	31 06	35 10	34 05	32 06	28 06
Multan ...	01 03	22 03	22 04	24 08	24 13	—	—	—	—
Muscat ...	—	—	—						
Panjgur ...	—			33 02	31 05	23 09	36 04	29 09	29 11
Peshawar ...	—	20 12	17 06	05 05	17 09	26 12		—	—
Quetta ...	—	—	—	—	36 07	31 07	24 10	—	—
Sharjah ...							—	—	—
Sylhet ...	24 01	24 05	29 05	30 06	32 07	33 02	—	—	—
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 ...	16 10	06 04	31 04	30 10	32 03	36 15
Chaklala ...	23 11	24 14	21 14	17 14	17 09	04 04
Chitral ...	32 06	32 06	35 05	03 08	03 07	04 06
Chittagong ...	32 07	31 08	33 07	36 08	22 08	04 11
Cox's Bazar ...	xx xx	18 02	22 02	03 03	06 03	06 03
Dacca ...	—	—	07 06	08 06	29 09	24 07
Dalbandin ...	—	—	—			
D. I. Khan ...	—	—	—	25 02	36 02	30 01
Drosh ...	—	—	—	05 08	28 01	31 06
Fort Sandeman ...	—					
Jacobabad ...						
Jessore ...	20 03	20 04	19 04	31 05	18 05	18 06
Jhelum ...	33 03	33 10	33 07	33 C5	29 05	29 15
Jiwani ...	21 03	31 04	29 05	30 06	33 05	—
Karachi ...						
Khanpur ...	xx xx	24 06	24 15	35 03	26 12	27 09
Lahore ...	31 03	31 04	32 05	34 05	30 08	30 08
Multan ...	23 03	16 07	18 09	24 11	26 18	23 10
Muscat ...	—	—	—			
Panjgur ...	—			26 03	33 07	01 08
Peshawar ...	—	34 02	29 02	27 03	32 04	33 09
Quetta ...	—	—	—	—	20 03	27 04
Sharjah ...						
Sylhet ...	08 33	07 03	04 04	02 04	07 06	14 05
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 ...	4 04	15 03	14 02	14 04	16 04	14 06	14 06	16 03	14 04	—	—
Chaklala ...	23 13	25 03	38 05	29 08	26 07	29 07	28 11	27 13	27 14	—	—
Chitral ...	30 07	23 17	31 18	23 13	—	—	—	—	—	—	—
Chittagong ...	30 07	30 12	28 10	—	—	—	—	—	—	—	—
Cox's Bazar ...	22 03	28 01	23 01	36 30	xx xx	xx xx	10 09	18 10	04 05	11 07	09 10
Dacca ...	—	—	10 01	36 03	35 05	28 09	26 06	04 03	18 05	—	—
Dalbandin ...	—	—	—	—							
D. I. Khan ...	—	—	—		07 14	19 03	02 07	35 12	36 15	36 07	29 03
Drosh ...	—	—	—	32 03	36 05	34 15	05 06				
Fort Sandeman ...	—										
Jacobabad ...											
Jessore ...	30 05	20 03	21 02	20 03	18 01	11 01	—				
Jhelum ...	31 03	31 04	31 08	31 10	29 08	39 14	27 09	25 21	36 27	27 23	27 37
Jiwani ...	19 07	19 05	19 03	02 03	—	—	—	—	—	—	—
Karachi ...	25 13	26 12	27 14	30 10						—	—
Khanpur ...	25 13	25 11	25 15	35 13	32 07	29 03	19 09	18 03	20 31	—	—
Lahore ...	27 01	28 05	29 03	34 05	34 07	35 18			—	—	—
Multan ...	23 08	23 09	22 08	24 07	26 06	25 10	11 02	05 08	—	—	—
Muscat ...	—	—	—						—	—	—
Panjgur ...	—			35 10	36 09	06 06	23 07	25 13	24 13	—	—
Peshawar ...	—	34 04	34 04	33 07	34 03	28 13	30 11	19 06	26 05	34 12	21 10
Quetta ...	—	—	—	—	30 02	26 06	22 06	18 16	18 25	23 37	26 39
Sharjah ...											
Sylhet ...	25 07	21 04	09 04	10 10	09 04	07 09	15 03	14 40	15 09	xx xx	08 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 ...	16 09	17 03	28 01	03 02	01 02	03 02	03 02	03 01	03 01	16 01	08 06	08 10			—	—	—	—
Karachi ...	28 17	27 21	27 16	29 09	36 06	03 12	06 09	14 06	21 07	27 06	18 05	31 10	28 09	21 10	—	—	—	—
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.

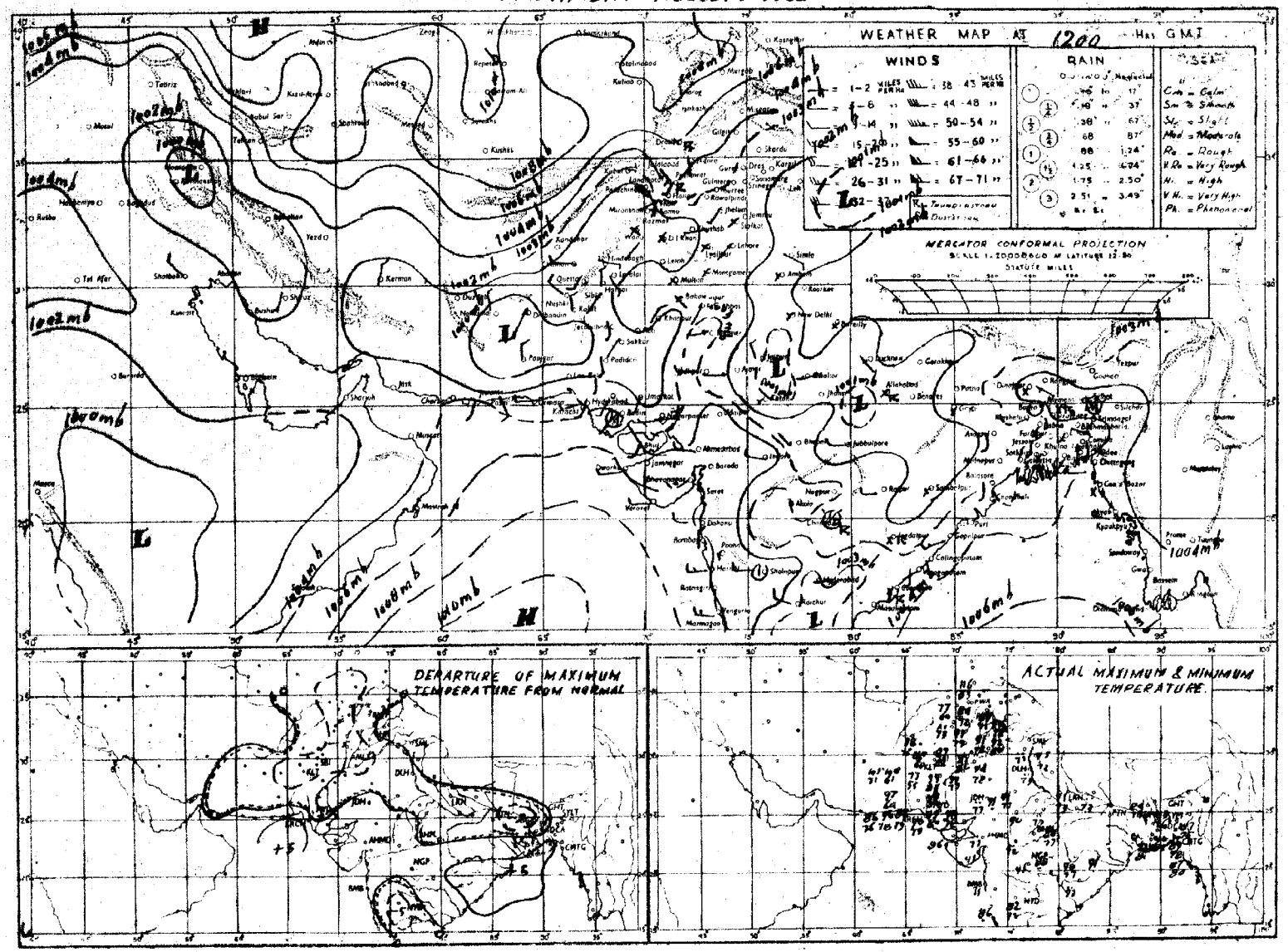
Cloud observation Data (GGiii Cdd VrVr etc.)

12 533 32 412 00 940 30 612

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

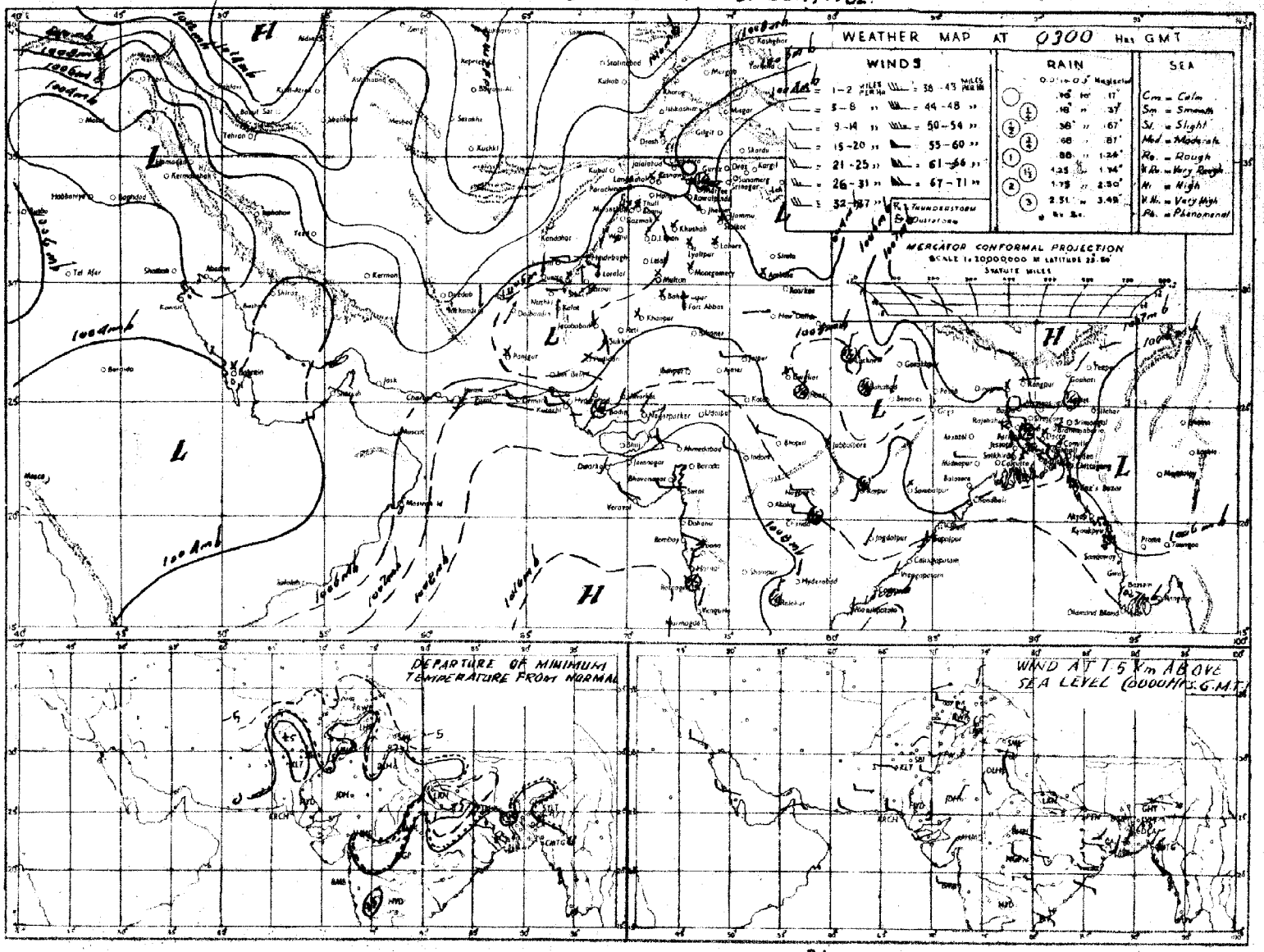
FRIDAY 31st AUGUST, 1962.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 1st SEPTEMBER, 1962.



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. 16

SUNDAY THE 2nd SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low Pressure area over Bihar has merged into the seasonal monsoon trough.

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

The westerly low pressure wave over Rawalpindi division and Kashmir moved away eastwards; another today lies over D. I. Khan and Multan divisions and the adjacent areas of Bahawalpur and Quetta divisions.

Scattered rain has fallen in D. I. Khan and Quetta divisions. A few thunderstorms have also been reported from Bahawalpur division and light rain from Khairpur divisions.

Chief amounts of rainfall are :—Jessore 1½"; Satkhira 1", Chittagong, Dinajpur and Wana 1/2" each and Harnai 1/4."

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

Forecast valid until the evening of 3rd September, 1962 :—Rain/thundershowers will be local in East Pakistan and scattered in Lahore, Rawalpindi, Sargodha, Multan, Peshawar divisions and Kashmir. A few thunderstorms are also likely to develop in Bahawalpur, D. I. Khan, Quetta and Khairpur divisions.

Earthquake Report :—An Earthquake of violent intensity was recorded by the Seismoghaph of Geophysical Institute Quetta at 00 hours 24 minutes and 19 seconds West Pakistan standard Time on 2-9-62 Epicentre of the shock was probably of a distance of 1100 miles from Quetta in Northwest direction.

Karachi-11
The 2nd September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati —	...																
	Cox's Bazar —	013	7	6	27	05	97	02	6	032	85	4	8	5	7	0	79	88
	Chittagong —	036	5	5	27	05	97	02	6	018	86	2	0	9	2	2	80	89
	Maijdee Court —	009	9	2	00	00	97	01	0	023	87	7	2	6	1	0	79	90
	Comilla —	000	1	8	00	00	96	02	0	000	87	8	4	4	x	x	80	93
	Brahmanbaria —	000	0	2	00	00	97	02	1	024	88	2	4	5	0	0	77	92
	Sylhet —	000	0	7	27	05	96	08	1	018	65	2	1	6	0	8	78	90
	Srimangal —	...																
Dacca	Mymensingh —	000	0	6	27	02	97	02	1	088	88	0	0	9	0	8	81	91
	Narayanganj —	007	2	5	00	00	96	03	6	024	88	2	4	3	3	1	80	93
	Dacca (Tezgaon) —	000	4	6	27	02	97	03	6	010	87	1	1	6	0	4	79	91
	Faridpur —	000	0	5	16	03	98	01	2	020	90	3	5	6	0	0	80	90
Khulna	Barisal —	005	4	4	18	02	97	02	5	026	84	4	0	9	4	0	78	93
	Khulna —	000	0	6	00	00	97	03	2	030	86	6	5	5	0	0	81	94
	Satkhira —	095	1	7	00	00	96	61	9	038	80	4	4	4	2	0	77	93
	Jessore —	...																
Rajshahi	Pabna —	000	0	3	00	00	99	01	2	020	87	2	3	6	0	1	77	91
	Sirajganj —	...																
	Bogra —	000	0	6	00	00	96	03	2	024	87	x	3	6	x	x	81	90
	Dinajpur —	052	4	5	00	00	96	01	6	022	84	0	0	9	0	9	80	89
	Rangpur —	007	6	3	13	02	96	01	6	024	85	2	2	6	1	0	81	90
Kashmir	Jammu —																	
Lahore	Lahore (Jail Rd.) —	000	9	1	31	02	95	05	1	015	93	1	0	9	3	0	74	93
	Sialkot —	000	0	0	00	00	97	00	0	012	91	0	0	9	0	0	77	94
Rawalpindi	Jhelum —	000	0	0	00	00	98	02	0	008	96	0	0	9	0	0	71	96
	Rawalpindi —	000	0	0	23	05	99	00	0	013	88	0	0	9	0	0	66	90
	Campbellpur —	000	0	0	13	04	98	00	0	068	92	0	0	9	0	0	81	94
Sargodha	Khushab —	000	0	0	00	00	98	00	0	013	95	0	0	9	0	0	78	92
	Lyallpur —	000	0	0	00	00	96	00	0	019	95	0	0	9	0	0	73	96
Multan	Montgomery —	000	0	1	00	00	96	01	x	014	94	1	4	8	0	0	79	97
	Multan —	000	0	4	00	00	98	02	0	008	00	2	2	6	5	0	71	01
	Leiah —																	
Bahawalpur	Khanpur —	000	2	6	31	14	94	17	9	036	88	4	3	6	4	0	68	01
	Bahawalpur —	000	0	6	23	01	96	00	0	074	95	1	4	8	1	0	82	99
	Fort Abbas —	000	0	0	23	02	98	00	0	009	99	0	0	9	0	0	71	00
Peshawar	Chakdara —	000	0	0	36	01	97	00	0	992	89	0	0	9	0	0	65	91
	Peshawar —	000	0	1	19	02	97	02	0	007	93	1	1	6	0	0	63	95
	Haripur —	000	0	0	23	01	97	00	0	996	90	0	0	9	0	0	76	91
D. I. Khan	Bannu —	000	4	2	00	00	99	03	0	998	95	0	0	9	0	2	60	56
	D. I. Khan —	000	0	0	00	00	98	00	0	004	97	0	0	9	0	0	73	98
Quetta	Sibi —	000	0	0	18	02	97	05	0	993	05	0	0	9	0	0	64	06
Kalat	Nokkundi —	000	0	0	27	05	98	02	0	996	00	0	0	9	0	0	10	02
	Turbat —	000	0	0	27	03	96	05	0	010	02	0	0	9	0	0	66	03
	Jiwani —	000	0	0	23	12	97	02	0	050	84	0	0	9	0	0	71	16
	Pasni —	000	8	2	25	17	95	07	4	059	85	0	0	9	0	2	76	86
Karachi Division	Ormara —	000	0	1	27	12	94	03	1	041	87	1	1	6	0	0	76	69
	Lasbela —																	
	Karachi (Manora) —	000	0	5	27	14	96	03	2	042	86	0	0	9	4	0	87	89
	Karachi (Airport) —	000	0	5	25	10	96	03	0	045	87	5	5	6	0	0	75	91
Hyderabad	Nagarparkar —	000	0	1	05	01	97	00	0	011	95	0	1	7	0	0	68	96
	Umerkot —	...																
	Hyderabad —	000	0	1	20	14	97	01	1	025	94	1	5	6	0	0	70	96
	Badin —	000	0	0	33	02	97	00	0	043	90	0	0	9	0	0	79	96
Khairpur	Padidan —	...																
	Nawabshah —	000	0	4	13	07	96	03	0	018	xx	4	6	9	0	0	71	01
	Sukkur —	000	8	4	13	02	97	03	1	005	04	4	0	9	8	0	72	04
	Kashmore —	000	3	6	36	05	99	02	6	992	98	6	1	4	0	0	72	00
	Jacobabad —	000	0	5	18	03	97	03	2	069	96	2	2	7	3	8	84	00
Junagadh	Veraval —																	
Afghanistan	Jalalabad —																	
Arabia	Muscat —																	
	Kuwait —																	
	HILL STATIONS																	
Kashmir	Srinagar * —																	
	Gulmarg ** —																	
	Sonemarg ** —																	
	Dras ** —																	
	Leh ** —																	
	Skardu * —																	
	Misgar ** —																	
	Aliabad * —																	
	Gilgit * —																	
Rawalpindi	Murree * —	000	9	5	29	02	98	02	1	458	70	3	1	4	0	6	61	72
Peshawar	Drosh * —	000	0	0	23	09	99	02	0	440	90	0	0	9	0	0	41	93
	Cherat * —	000	0	0	18	03	98	02	0	415	83	0	0	9	0	0	79	92
	Kakul * —	000	4	1	31	03	98	01	0	459	80	1	1	6	0	0	64	84
	Landikotal * —	000	0	1	00	00	97	01	0	445	87	1	1	7	0	0	61	84
	Parachinar * —	000	0	4	13	02	99	03	0	437	79	4	1	9	1	0	56	81
D. I. Khan	Miranshah * —	000	0	2	00	00	99	01	1	448	89	2	4	8	0	0	50	91
	Wana * —	040	0	6	05	03	99	01	1	505	77	6	1	9	0	0	52	89
Quetta	Fort Sandeman * —	000	0	2	10	02	99	01	0	461	87	2	0	8	3	0	49	92
	Hindubagh * —	000	0	3	35	12	97	00	0	416	87	0	0	9	0	0	54	88
	Loralai * —	000	0	5	25	03	99	01	1	543	87	0	0	9	2	1	57	88
	Harnai * —	000	0	0	23	05	97	00	0	440	92	0	0	9	0	0	63	93
	Quetta * —	000	0	1	31	02	96	01	0	440	84	1	1	5	0	0	65	87
	Chaman * —	000	0	0	27	07	98	00	0	421	97	0	0	9	0	0	39	58
	Nushki * —	000	0	0	00	00	98	02	0	494	92	0	0	9	0	0	46	96
	Dalbandin * —	000	0	0	23	03	96	02	0	467	98	0	0	9	0	0	37	00
Kalat	Kalat * —	000	0	0	23	03	96	00	0	424	80	0	0	9	0	0	75	86
	Panjgur * —	000	0	0	37	03	98	02	0	460	95	0	0	9	0	0	34	98
Afghanistan	Kabul * —																	
	Kandhar * —																	

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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	000	0	6	18	01	97	05	1	054	87	4	8	6	1	x	74	80		—	—	—	—	—
	Cox's Bazar	015	9	5	20	02	97	03	2	050	84	4	8	5	0	8	80	78	+ 2	+ 2	91.0	— 4.8	101.7	140
	Chittagong	050	3	4	00	00	97	03	6	037	89	3	3	6	1	0	78	75	+ 2	— 1	65.7	— 0.4	79.2	100
	Maijdee Court	000	9	4	27	02	98	04	1	053	87	4	2	5	0	0	81	81	+ 4	+ 3	68.2	— 1.7	87.7	115
	Comilla	009	0	8	00	00	97	02	6	972	88	8	4	5	x	x	80	75	+ 4	— 2	—	—	—	94
	Brahmanbaria																		—					78
	Sylhet	000	0	2	09	05	95	01	0	043	88	2	8	6	0	0	79	80	—	—	85.3	—	112.3	—
	Srimangal	000	0	0	00	00	96	00	0	044	88	0	0	9	0	0	75	78		+ 3	—	—	—	80
Dacca	Mymensingh	000	0	4	00	00	97	02	1	056	88	4	1	4	0	0	78	81	+ 3	+ 3	44.5	— 5.5	60.5	91
	Narayanganj	007	9	3	00	00	97	03	1	052	89	3	4	3	0	0	78	82	+ 5	+ 3	34.2	— 5.2	51.5	74
	Dacca (Tezgaon)	000	0	5	00	00	98	03	0	047	85	5	3	5	0	0	79	80	—	—	42.3	—	47.2	—
	Faridpur	000	0	4	00	00	96	07	1	048	87	3	5	7	1	0	80	81	+ 2	+ 2	28.9	— 9.5	42.2	71
Khulna	Barisal	005	0	4	00	00	97	02	1	047	86	4	0	9	3	0	80	81	+ 6	+ 1	—	—	—	81
	Khulna	000	0	4	00	00	97	01	2	052	89	4	4	7	0	0	79	81	+ 6	+ 3	30.6	— 0.8	38.3	68
	Satkhira	095	9	5	00	00	97	03	2	064	88	3	4	6	2	0	81	77	+ 4	— 1	41.2	+ 3.2	48.4	65
	Jessore	155	9	6	00	00	97	03	6	049	84	6	7	6	0	0	81	77		—	—	—	—	65
Rajshahi	Pabna	000	0	4	13	05	99	03	9	047	86	2	3	7	0	1	81	81	—	—	34.2	—	57.7	59
	Sirajganj	000	0	1	00	00	97	03	0	057	86	1	2	5	0	0	77	81		+ 2	30.4	— 5.8	43.4	64
	Bogra	000	0	3	00	00	96	03	1	051	88	3	4	6	0	0	79	83	+ 1	+ 2	36.4	— 3.2	49.0	69
	Dinajpur	052	0	0	00	00	96	00	0	046	88	0	0	9	0	0	78	78	0	0	41.1	— 2.7	48.3	72
	Rangpur	007	0	1	09	02	96	01	1	055	87	1	0	9	1	0	79	80	+ 1	+ 3	40.2	— 8.5	62.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	23	02	96	02	0	045	85	0	0	9	0	0	75	80	— 4	+ 4	7.9	— 4.6	14.3	99
	Sialkot	000	0	0	00	00	98	00	0	042	86	0	0	9	0	0	79	79	0	+ 2	21.5	+ 1.1	26.0	82
Rawalpindi	Jhelum	000	0	0	03	00	97	03	0	044	82	0	0	9	0	0	70	76	—	—	18.2	—	24.3	
	Rawalpindi	000	0	0	02	02	98	00	0	045	82	0	0	9	0	0	71	72	— 3	— 1	23.7	+ 3.7	30.3	86
	Campbellpur	000	0	0	36	01	98	00	0	980	79	0	0	9	0	0	70	73	—	—	9.6	—	17.9	—
Sargodha	Khushab	000	0	0	00	00	98	05	0	047	84	0	0	9	0	0	79	80	— 7	+ 1	3.4	— 6.6	7.3	15
	Lyallpur	000	0	4	09	00	96	00	0	056	83	0	0	9	0	3	74	80	— 1	+ 2	5.6	— 2.3	9.4	12
Multan	Montgomery	000	0	0	00	00	96	02	0	067	85	0	0	9	0	0	73	78	— 4	— 2	7.5	+ 1.3	10.6	10
	Multan	000	0	0	18	03	98	02	0	037	85	0	0	9	0	0	72	80	+ 3	— 1	1.2	— 3.2	2.9	7
	Leiah																							8
Bahawalpur	Khanpur	006	9	0	23	02	96	02	9	039	85	0	0	9	0	0	76	77	— 2	— 2	3.3	— 1.3	4.3	6
	Bahawalpur	000	0	5	00	00	96	00	0	045	84	0	0	9	0	0	77	76	— 2	—	1.8	— 2.3	2.5	6
	Fort Abbas	000	0	0	13	02	98	00	0	052	86	0	0	9	0	0	74	78	—	—	0.6	—	0.9	8
Peshawar	Chakdara	000	0	0	36	02	97	00	0	040	73	0	0	9	0	0	65	67	—	—	—	—	—	—
	Peshawar	000	0	0	00	00	97	02	0	049	80	0	0	9	0	0	70	74	— 2	— 2	1.7	— 2.0	8.3	11
	Haripur	000	0	0	05	01	97	00	0	029	77	0	0	9	0	0	65	67	—	—	17.8	—	24.4	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	034	83	0	0	9	0	0	69	77	—	—	2.0	—	5.0	16
	D. I. Khan	000	0	0	05	02	98	00	0	046	83	0	0	9	0	0	73	78	— 3	— 1	1.6	— 3.3	4.4	9
Quetta	Sibi	000	0	0	31	02	98	00	0	040	84	0	0	9	0	0	63	81	—	—	2.6	—	3.7	8
Kalat	Nokkundi	000	0	0	34	05	97	02	0	055	80	0	0	9	0	0	70	71	—	—	0	—	0.1	2
	Turbat	000	0	0	23	01	96	05	0	056	83	0	0	9	0	0	74	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	2	23	02	97	01	0	073	80	2	6	4	0	0	73	77	—	—	1.2	—	1.9	5
	Pasni	000	3	6	20	05	96	03	2	010	82	4	2	7	4	0	75	80	0	+ 6	0	— 0.9	0.3	6
Karachi Division	Ormara	000	0	1	27	07	94	03	1	065	81	1	1	6	0	0	75	79	—	—	0.1	— 0.7	2.0	6
	Lasbela																							8
	Karachi (Manora)	000	0	3	27	09	96	01	1	063	82	0	0	9	4	0	76	80	+ 3	+ 2	3.7	— 1.8	3.7	8
	Karachi (Airport)	000	0	5	31	01	96	03	1	064	82	5	6	5	0	0	76	79	—	—	4.9	—	4.9	—
Hyderabad	Nagarparkar	000	0	0	31	02	97	00	0	059	83	0	2	7	0	0	74	66	—	—	6.4	—	6.4	—
	Umerkot	000	0	0	23	02	97	02	0	054	84	0	0	9	0	0	75	77		—	5.3	—	5.4	—
	Hyderabad	000	0	0	20	07	97	02	0	054	83	0	0	9	0	0	73	79	— 1	+ 1	4.3	— 1.1	5.1	7
	Badin	000	0	0	23	02	97	00	0	072	82	0	0	9	0	0	77	78	+ 3	0	3.8	— 2.7	4.4	8
Khairpur	Padidan	000	0	0	13	05	98	02	0	043	84	0	0	9	0	0	74	81		—	2.2	—	2.8	—
	Nawabshah	000	0	0	18	05	96	02	0	051	84	0	0	9	0	0	74	80	—	—	2.7	—	3.4	—
	Sukkur	000	0	0	20	03	97	03	1	048	86	0	0	9	0	0	74	84	—	—	2.5	—	2.5	4
	Kashmore	006	0	0	00	00	99	00	2	005	83	0	0	9	0	0	68	70	—	—	0.5	—	0.5	—
	Jacobabad	000	0	2	13	05	96	03	1	040	87	2	0	9	8	0	84	84	— 3	+ 4	1.0	— 1.1	1.9	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonemarg **																							71
	Dras **																							38
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *																							5
Rawalpindi	Murree *	000	9	0	00	00	98	00	1	478	65	0	0	9	0	0	50	56	+ 3	0	25.6	— 5.2	43.9	60
Peshawar	Drosh *	000	0	0	00	00	98	02	0	480	71	0	0	9	0	0	51	65	+ 2	— 3	4.4	—	16.4	18
	Cherat *	000	0	0	00	00	98	02	0	412	70	0	0	9	0	0	62	61	+ 7	— 7	11.1	+ 0.9	35.2	23
	Kakul *	000	0	0	31	02	97	00	0	476	72	0	0	9	0	0	59	66	—	—	—	—	—	—
	Landikotal *	000	0	0	00	00	97	00	0	465	79	0	0	9	0	0	61	66	—	—	1.9	—	18.1	—
	Parachinar *	000	0	0	00	00	99	00	0	468	64	0	0	9	0	0	59	60	— 3	— 4	—	—	—	29
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	466	78	0	0	9	0	0	57	71	—	—	0.6	— 3.1	2.4	13
	Wana *	040	0	0	00	00	99	00	0	513	68	0	0	9	0	0	55	60	—	—	4.6	—	12.9	11
Quetta	Fort Sandeman *	000	0	0	00	00	99	01	0	466	75	0	0	9	0	0	57	69	— 4	— 1	5.0	+ 0.3	9.7	11
	Hindubagh *	000	0	4	27	02	97	00	0	465	70	0	0	9	0	0	59	55	—	—	0.8	—	4.6	—
	Loralai *	000	0	0	29	03	99	01	0	403	74	0	0	9	0	0	49	61	—	—	1.1	—	4.6	9
	Harnai *	018	0	0	00	00	97	00	0	450	75	0	0	9	0	0	66	69	—	—	4.4	— 2.2	7.6	14
	Quetta *	000	0	0	00	00	96	00	0	494	72	0	0	9	0	0	60	61	—	—	0.1	— 0.9	4.3	9
	Chaman *	000	0	0	09	05	98	00	0	454	79	0	0	9	0	0	35	73	+ 4	+ 6	0	— 0.1	1.3	8
	Nushki *	000	0	0	09	09	98	02	0	512	81	0	0	9	0	0	32	75	—	—	0	—	1.6	—
	Dalbandin *	000	0	0	00	00	97	02	0	466	67	0	0	9	0	0	21	63	— 3	— 2	0	— 0.2	1.1	4
Kalat	Kalat *	000	0	0	18	03	96	00	0	481	64	0	0	9	0	0	56	52	0	— 1	0.2	— 0.9	2.1	7
	Panjgur *	000	0	0	00	00	97	02	0	571	71	0	0	9	0	0	37	65	— 1	— 3	0.3	—	1.3	8
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 2nd SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_dw\,d_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Essorotherdam	73 306	531 06	8 00 00	96 0 22	083 77	75 5 xx	46 1 25	...	00 3 76	10 0 x0
Caltex the Hague	73 196	652 36	7 25 07	98 0 22	034 79	42 3 60	00 2 24	...	12 5 70	12 4 23
Fired Health	73 143	496 12	0 18 16	50 1 01	060 81	00 x 00	25 7 36	...	00 1 81	11 5 52
Esso Northerdam	73 222	399 12	0 17 09	98 0 21	045 79	00 9 00	26 7 20	...	00 2 70	11 7 21
Sirdhara	73 247	663 18	0 26 09	97 0 20	074 82	00 9 00	65 2 10	...	00 0 77	12 6 xx
Caltex Tiuhague	73 215	631 48	5 22 10	98 2 12	004 81	xx x xx	00 0 23	...	12 2 72	...
Indian Taader	73 166	625 18	8 12 18	98 0 22	108 79	84 5 00	15 1 15	...	00 2 76	13 1 35
Moojekerk	73 161	717 18	6 32 13	96 0 31	094 82	45 3 xx	75 2 16	...	00 0 77	13 2 90

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 $HHHTTTT_dT_dT_d$	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	034 285 245	...	...	140 162 145	...	308 108 092	435 025 522	582 558 645	754 658 992	964 825	241 018	...	...
Jiwani ...														
Karachi ...	00 00	003 272 242	032 205 168	...	142 182 145	...	307 115 042	436 032 578	581 863 998	751 665 995	963 802	228 020	420 139	164 210
Lahore ...	00 00	979 278 252	025 xxxxxx	...	143 232 192	...	301 155 118	425 075 992	590 402 995	765 590 990	...	...	-	-
Multan ...														
Peshawar ...	00 00	962 2?2 195	...	...	140 235 592	...	311 140 5?)	419 060 990	585 5?4 992	760 602 998	977 652	...	...	...
Quetta ...														

At Significant Levels

STATION	Time of ascent in G.M.T.	$PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17											28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	003 272 255	900 202 182	800 145 118	571 115 1?2	462 595 6?5	...	...	...	...	462 595 675	—	...
Jiwani ...													
Karachi ...	00 00	900 182 1?2	800 158 112	...	...	...	—	...	...	...	800 158 112	...	...
Lahore ...	00 00	900 255 212	800 215 163	...	...	...	...	...	...	...	800 215 163	..	...
Multan ...													
Peshawar ...	00 00	994 002 208	800 208 995	...	—	—	—	...	...	...	800 208 995	...	..
Quetta ...													

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

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

UPPER WIND DATA*

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

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra	17 07	21 07	22 07	22 05	26 04	22 05	16 06	11 06	12 03
Chakiala	...	27 09	28 03	31 03	36 06	32 11	32 09	31 12	31 06
Chhor	29 16	25 15	24 17	23 13	18 14	18 08	18 04	28 14	28 12
Chittagong	28 23	29 21	29 20	31 17	33 12	03 07	11 23	10 25	08 20
Cox's Bazar	18 16	30 13	31 13	33 13	xx xx		...	...	
Dacca	26 07	30 03	31 02	30 02	29 03	02 03	11 06	12 08	07 18
Dalbandin	...	...	17 01	21 03	25 03	27 02	28 08	26 15	28 18
D. I. Khan	...	...	...	...					
Drosh	...	...	...	...	21 12	20 12	22 03	25 07	20 13
Fort Sandeman	...	...	...	11 10	13 05	27 05	...	...	...
Jacobabad	...	...	...	...	...				...
Jessore	No	...	Ascent	...	...				...
Jhelum	20 01	26 04	28 07	30 09	29 14	31 12	28 20	28 17	28 17
Jiwani	21 12	21 12	20 08	06 05	07 05	36 08	35 06	27 10	29 11
Karachi	24 13	25 12	25 10	35 02	02 04	15 04	...	..	...
Khanpur	34 15	33 13	29 06	...	...		...		...
Lahore	32 04	32 08	32 08	33 09	32 06	36 13	34 11	32 13	30 12
Multan	27 07	24 09	24 09	26 08	27 07	34 03	28 06	25 15	29 18
Muscat	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	31 02	34 02	26 05	27 10	28 12	28 12
Peshawar	...	08 09	10 03	21 06	23 05	22 12	29 11	34 11	...
Quetta	...	...	...	...	30 15	30 06	21 08	25 11	27 15
Sharjah	...						...	...	
Sylhet	30 05	35 03	08 02	16 02	14 05	13 06	...	...	...
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	31 01	32 0	10 03	08 03	11 03	11 06
Chakiala		09 09	35 03	08 06	30 07	31 08
Chhor	25 19	25 18	12 19	17 14	15 14	08 04
Chittagong	05 04	01 08	01 19	03 09	04 08	05 21
Cox's Bazar	04 03	03 03	04 01	07 07	11 12	11 15
Dacca	33 04	01 0	04 01	07 02	10 03	12 05
Dalbandin	...	...	06 07	07 07	16 04	21 12
D. I. Khan	...	...	...			
Drosh	...	...	...	24 04	25 04	23 05
Fort Sandeman	...	...	...	27 03	28 08	31 08
Jacobabad						...
Jessore	xx xx	08 05	02 09	10 04	08 05	
Jhelum	06 07	24 06	27 03	33 06	33 19	31 10
Jiwani	20 07	21 06	...	...	...	..
Karachi						
Khanpur	22 21	23 21	24 17	25 13	25 12	23 03
Lahore	28 06	28 05	26 16	28 04	35 04	35 09
Multan	22 17	22 19	22 21		...	..
Muscat	...		...			
Panjgur	...	...	...	35 09	33 10	35 06
Peshawar	..	35 04	36 13	01 01	04 02	28 07
Quetta	...	...	...	...	29 04	31 06
Sharjah						
Sylhet	08 25	07 04	08 04	13 05	17 05	18 03
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	05 02	21 01									
Chakiala		12 01	22 03	30 06	30 06	27 08	35 07	05 01	27 40	...	...
Chhor	21 13	22 13	23 15	21 17	20 11	14 07	17 08	25 13	25 13	26 04	23 09
Chittagong	05 04	08 02	11 02	17 07	16 09	14 20	10 13	11 21	10 24	09 28	...
Cox's Bazar	18 07	17 14	15 16	14 09							
Dacca	34 04	03 03	11 12	13 06	11 08	11 10	12 13	11 14	10 13	18 15	10 19
Dalbandin	...	...	08 04	07 10	09 08	21 10	15 05	25 05	26 05	26 14	...
D. I. Khan	...	...	...	—							
Drosh	...	...	...	...	23 04	12 03	32 16	33 14	35 17	33 01	10 08
Fort Sandeman	...	...	...	21 01	31 03	35 06	21 07	18 03	32 03	28 12	24 21
Jacobabad				...	...	...	...	...	...	...	...
Jessore	19 02	18 02	17 02	...							
Jhelum	14 01	21 04	xx xx	28 06	31 08	34 15	01 31	02 44	02 57	07 34	06 47
Jiwani	27 06	22 04		...	...	...	...	...	...	...	...
Karachi	27 15	27 18	29 10								
Khanpur	22 11	32 02	22 11	22 07	21 08	24 07	25 04	25 13	25 15	27 23	26 28
Lahore	26 01	24 03	24 03	27 03	34 03	30 08	33 10	33 03	27 08	27 27	27 35
Multan	21 09	21 11	20 09	18 13	18 17	22 03	08 07	16 06	24 16		
Muscat	...	...	...								...
Panjgur	...	...		36 10	36 13	36 03	23 11	24 12	05 18	...	...
Peshawar	...	03 05	02 04	02 03	35 04	30 11	30 05	05 02	02 02	35 08	36 14
Quetta	...	...		—	33 04	31 10	31 15	15 24	15 17	24 09	25 12
Sharjah											
Sylhet	03 01	05 01	07 02	07 02	xx xx	02 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	[illegible]	[illegible]	11 01	07 04	04 01	14 12	10 06	10 08	18 13	12 09	13 11	11 13	07 14	07 13	05 24	...	...	...
Karachi	[illegible]	27 17	28 15	25 11	03 08	14 10	12 08	23 10	25 12	22 07	20 07	20 09	11 10	13 13	13 13	...	...	...
Peshawar		01 06	02 03	04 02	35 02	30 08	31 04	32 12	32 43	31 20	30 13	30 26	31 31		...	...	...	...
Quetta																		

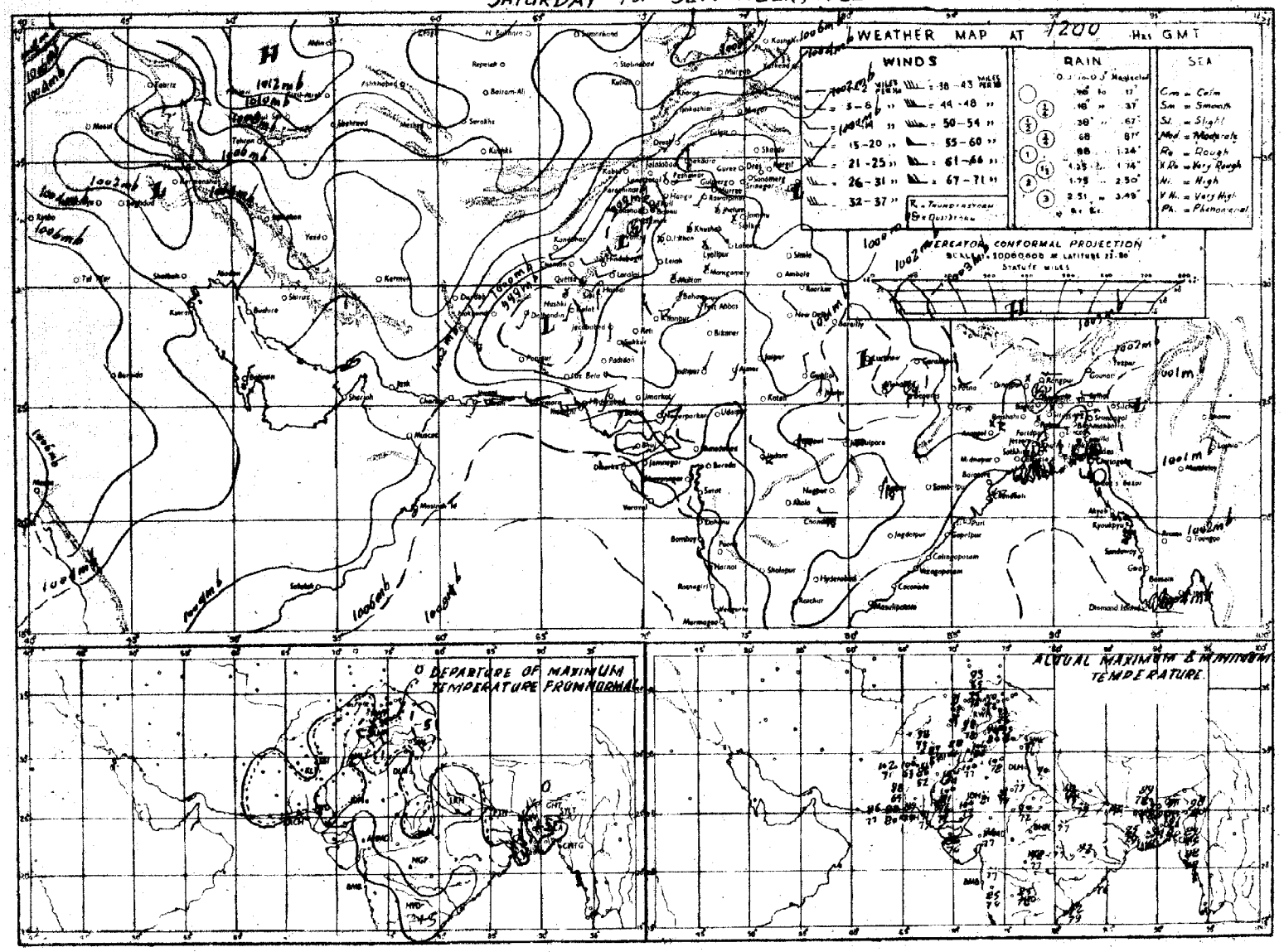
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_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

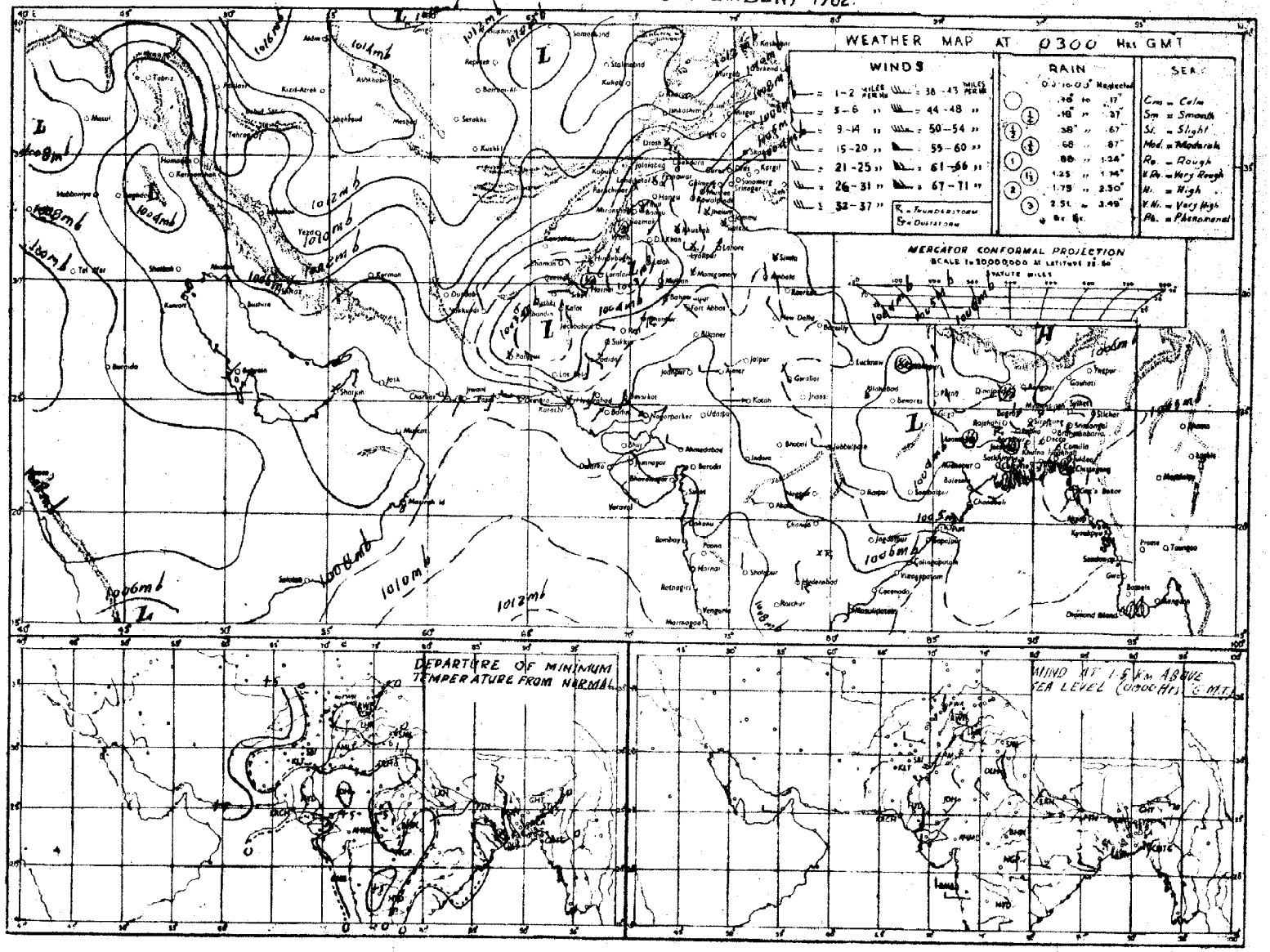
SATURDAY 1st SEPTEMBER, 1962.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 2nd SEPTEMBER, 1962.



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. 16

MONDAY THE 3rd SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Monsoon trough of low pressure runs across southeast Uttar Pradesh to northeast Bay of Bengal.

Thunderstorm/showers have been local in Chittagong and Dacca divisions and scattered in Khulna and Rajshahi divisions.

Yesterday's westerly low pressure wave is to-day moving away across Kashmir and adjoining Rawalpindi division. It has caused local thunderstorm/showers in Rawalpindi division and scattered in Peshawar division.

Another westerly low pressure wave is to-day moving across Peshawar division and adjoining Afghanistan.

Chief amounts of rainfall are :—Sylhet 1½" (up to 0000 °G.M.T.); Fairdpur 3/4"; Maijdee Court (up to 1200 G.M.T.), Narayanganj and Barisal 1/4" each.

Day temperatures were 3—6 °F (2—3 °C) above normal in East Pakistan, Karachi and Hyderabad divisions and in coastal districts of Kalat division.

Forecast valid until the evening of 4th September, 1962 :—Local thunderstorm/showers will occur in Dacca and Chittagong divisions and scattered in **Khulna**, Rajshahi, Peshawar and Rawalpindi divisions and in Kashmir.

Karachi-11
The 3rd September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	012	2	6	09	01	97	29	9	xxx	xx	5	3	5	1	x	60	93
	Cox's Bazar	000	0	6	23	07	97	02	2	021	86	5	8	4	3	0	77	89
	Chittagong	000	0	2	23	05	97	03	2	012	86	5	6	6	0	1	81	90
	Maijdee Court	020	4	7	00	00	97	02	6	015	84	2	1	5	2	x	79	93
	Comilla	005	2	8	18	05	97	02	3	990	85	8	4	5	x	x	79	92
	Brahmanbaria	000	0	4	00	00	97	02	1	011	90	2	4	5	0	8	80	92
	Sylhet	000	0	7	27	02	96	03	1	004	87	1	1	6	0	0	80	94
	Srimangal	000	0	0	00	00	96	02	0	014	90	0	0	9	0	0	82	95
Dacca	Mymensingh	000	0	4	00	00	97	02	1	012	91	2	x	2	x	x	77	92
	Narayanganj	000	9	5	00	03	96	03	1	009	91	2	4	3	3	8	80	94
	Dacca (Tezgaon)	000	0	3	36	02	97	02	0	004	90	2	9	6	0	1	79	92
	Faridpur	000	0	3	00	03	96	02	0	004	89	2	4	7	0	1	78	89
Khulna	Barisal	034	3	4	00	00	96	02	6	022	83	4	0	9	9	0	79	02
	Khulna	000	0	5	01	00	97	01	2	014	83	5	5	6	0	0	80	xx
	Satkhira	000	0	6	00	00	97	03	2	008	87	3	4	6	2	x	70	94
	Jessore	000	0	6	18	03	96	03	2	018	86	4	4	5	4	0	81	91
Rajshahi	Pabna	000	0	2	13	01	99	01	2	003	86	1	2	7	0	1	77	91
	Sirajganj	000	0	1	09	03	98	02	1	007	87	1	0	9	0	1	79	89
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinajpur	000	0	0	00	00	96	00	0	002	92	0	0	9	0	0	81	94
	Rangpur	000	0	3	13	02	96	01	1	007	91	1	2	6	1	0	78	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	6	1	23	02	98	05	1	038	92	1	2	x	0	0	71	97
	Sialkot	000	0	0	03	00	97	00	0	001	95	0	0	9	0	0	74	97
Rawalpindi	Jhelum	000	2	6	13	02	97	29	9	003	93	3	3	6	1	0	74	97
	Rawalpindi	000	0	1	00	00	98	05	0	007	93	1	1	8	0	0	70	94
	Campbellpur	000	0	0	25	04	98	00	0	038	91	0	0	9	0	0	83	92
Sargodha	Khushab	000	0	0	09	02	97	00	4	005	98	0	0	9	0	0	75	99
	Lyallpur	000	0	4	00	00	96	02	1	010	97	0	0	9	0	3	73	97
Multan	Montgomery	000	0	0	00	00	96	02	0	007	97	0	0	9	0	0	71	98
	Multan	000	0	1	16	02	98	01	0	009	99	1	1	6	0	0	69	04
	Laiah																	
Bahawalpur	Khanpur	000	0	1	00	00	96	02	0	999	00	1	1	6	0	0	71	02
	Bahawalpur	000	0	0	27	01	98	00	0	038	00	0	0	9	0	0	77	00
	Fort Abbas	000	0	0	31	02	98	00	0	997	96	0	0	9	0	0	72	02
Peshawar	Chakdara	000	0	0	18	01	97	00	0	978	90	0	0	9	0	0	68	92
	Peshawar	000	0	1	36	03	97	03	0	000	94	1	1	6	0	0	69	95
	Haripur	000	0	0	23	02	96	00	0	994	91	0	0	9	0	0	76	92
D. I. Khan	Bannu	000	6	4	00	00	99	03	0	987	98	0	0	9	0	0	56	59
	D. I. Khan	000	0	0	00	00	98	00	0	992	99	0	0	9	0	0	69	00
Quetta	Sibi	000	6	1	18	02	98	02	0	998	05	0	0	9	5	1	59	07
Kalat	Nokkundi	000	0	0	34	05	97	02	0	946	00	0	0	9	0	0	40	01
	Turbat	000	0	0	27	04	98	00	0	032	03	0	0	9	0	0	69	04
	Jiwani	000	0	0	20	14	97	02	0	045	85	0	0	9	0	0	72	19
	Pasni	000	8	8	23	06	96	02	1	001	86	0	0	9	4	3	78	92
Karachi Division	Ormara	000	0	1	27	12	94	03	1	031	65	1	1	6	0	0	78	86
	Lasbela	000	0	3	00	00	98	03	0	860	97	3	0	9	3	0	85	02
	Karachi (Manora)	000	0	4	27	12	96	01	1	034	82	4	6	4	0	0	80	93
	Karachi (Airport)	000	0	2	23	12	96	03	1	038	87	2	5	6	0	0	77	90
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	014	95	0	0	9	0	0	66	96
	Umerkot	000	0	0	23	01	98	02	0	018	92	0	0	9	0	0	73	99
	Hyderabad	000	0	0	23	09	97	02	0	021	94	0	0	9	0	0	72	89
	Badin	000	0	0	23	02	97	00	0	044	96	0	0	9	0	0	75	98
Khairpur	Padidan	000	0	2	18	03	98	03	0	982	83	2	2	6	0	0	70	04
	Nawabshah	000	0	3	18	03	96	02	0	015	01	3	2	6	3	5	70	02
	Sukkur	000	6	3	18	02	97	03	1	998	03	3	0	7	8	0	76	05
	Kashmore	000	0	0	00	00	99	00	0	007	96	0	0	9	0	0	66	98
	Jacobabad	000	0	0	13	03	97	01	0	004	99	0	0	9	0	0	90	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar *	xxx	x	2	05	03	96	02	0	433	81	x	x	6	3	0	47	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Aliabad *																	
	Gilgit *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Murree *	000	5	6	27	05	93	02	1	463	70	3	1	4	5	0	61	72
Peshawar	Drosh *	000	0	3	23	10	98	03	0	421	92	2	1	7	3	0	46	95
	Chitral *	000	0	0	18	04	98	01	0	415	85	0	0	9	0	0	84	92
	Kakul *	000	6	2	18	05	97	01	0	460	80	1	2	6	6	0	63	83
	Landikotal *	000	0	0	13	03	97	00	0	443	88	0	0	9	0	0	64	92
	Parachinar *	000	0	5	13	02	99	03	0	437	80	5	1	9	1	0	58	89
D. I. Khan	Miranshah *	000	0	0	25	05	99	00	0	450	92	0	0	9	0	0	64	95
	Wana *	000	0	5	31	03	99	01	1	509	96	5	1	9	5	0	51	90
Quetta	Fort Sandeman *	000	0	1	11	02	99	03	0	455	90	1	0	8	3	0	47	95
	Hindubagh *	000	0	1	25	14	97	00	0	416	88	0	8	9	0	8	36	xx
	Loralai *	000	0	5	16	05	99	00	1	429	87	0	0	9	1	2	49	90
	Harnai *	000	0	0	00	00	97	00	0	439	93	0	0	9	0	0	49	95
	Quetta *	000	0	1	31	02	96	02	0	407	84	1	1	5	0	0	67	88
	Chaman *	000	0	0	27	07	98	00	0	415	92	0	0	9	0	0	30	93
	Nushki *	000	0	0	00	00	98	02	0	496	95	0	0	9	0	0	57	97
	Dalbandin *	000	0	0	25	02	97	03	0	469	98	0	0	9	0	0	34	00
Kalat	Kalat *	000	0	0	34	03	96	00	0	442	xx	0	0	9	0	0	77	86
	Panjgur *	000	0	0	00	00	98	02	0	464	95	0	0	9	0	0	30	98
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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					—
	Cox's Bazar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	+3					140
	Chittagong	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	+3					100
	Maijdee Court	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	+6					115
	Comilla	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	+4					94
	Brahmanbaria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					78
	Sylhet	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					—
	Srimangal	000	2	8	00	00	95	16	5	066	80	8	0	3	0	0	77	78	+5	+3	—	—	—	98
Dacca	Mymensingh	000	0	8	13	02	97	02	1	063	83	8	7	4	0	0	78	80	+4	+2	44.5	−5.9	60.5	91
	Narayanganj	039	2	7	09	03	96	03	9	046	87	4	4	3	0	8	79	78	+6	−1	34.5	−5.3	54.8	74
	Dacca (Tezgaon)	003	2	6	13	02	97	21	4	040	86	2	2	5	1	1	81	81	—	—	42.3	—	47.3	—
	Faridpur	072	4	8	16	02	97	02	9	044	96	8	5	6	1	0	78	79	+1	0	29.6	−9.2	42.9	71
Khulna	Barisal	034	4	6	18	02	96	02	5	055	86	6	7	6	0	0	81	79	+5	+1	—	—	—	81
	Khulna	000	0	5	00	00	96	01	2	051	84	5	5	6	0	0	83	81	—	+3	30.6	−11.1	38.3	60
	Satkhira	000	0	7	00	00	97	03	2	055	87	3	5	6	2	1	83	80	+5	+2	47.3	+2.9	48.4	65
	Jessore	000	0	8	13	03	96	01	3	044	84	8	7	5	x	x	80	80	—	—	—	—	—	65
Rajshahi	Pabna	000	9	6	13	05	99	03	9	041	87	2	1	7	0	2	81	81	—	—	34.2	—	52.7	59
	Sirajganj	000	0	8	00	00	97	02	2	046	86	7	9	4	4	0	79	81	+1	+2	30.4	−6.2	43.4	64
	Bogra	000	0	4	13	02	96	01	2	044	89	3	5	5	2	x	81	82		+4	36.4	−3.6	49.0	69
	Dinajpur	000	0	0	00	00	96	00	0	034	90	0	0	9	0	0	81	81	+5	+3	41.1	−3.3	48.3	72
	Rangpur	000	0	1	09	02	96	01	0	050	89	1	0	9	1	0	80	81	+5	+3	40.2	−9.1	62.4	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	23	02	96	03	0	031	87	0	0	9	0	0	75	81	0	+5	7.9	−4.7	14.3	19
	Sialkot	000	0	0	00	00	97	00	0	032	95	0	0	9	0	0	79	80	+3	+3	21.5	+0.7	26.0	32
Rawalpindi	Jhelum	000	9	2	03	00	97	02	1	028	86	1	1	7	6	0	76	80	—	—	18.2	—	24.3	
	Rawalpindi	000	0	1	05	03	96	00	0	030	83	1	3	6	0	0	69	76	+1	+3	23.7	+3.4	30.3	36
	Campbellpur	000	0	0	13	04	93	00	0	973	82	0	0	9	0	0	73	82	—	—	9.6	—	17.9	—
Sargodha	Khushab	000	0	0	13	02	97	00	0	025	87	0	0	9	0	0	79	80	0	+1	2.4	−6.7	7.3	15
	Lyallpur	000	0	0	00	00	96	00	0	025	85	0	0	9	0	0	76	82	0	+4	5.6	−2.4	9.4	12
Multan	Montgomery	000	0	0	08	02	96	02	0	024	87	0	0	9	0	0	74	81	−3	+1	7.5	+1.2	10.6	10
	Multan	000	0	0	18	02	98	02	0	009	87	0	0	9	0	0	74	83	+3	+2	1.2	−3.2	2.9	7
	Laiah																							8
Bahawalpur	Khanpur	000	0	0	23	05	95	05	0	025	86	0	0	9	0	0	73	82	−1	+3	3.3	−1.3	4.3	6
	Bahawalpur	000	0	0	20	02	98	03	0	027	86	0	0	9	0	0	76	xx	−1	—	1.8	−2.3	2.5	6
	Fort Abbas	000	0	0	23	03	98	00	0	024	89	0	0	9	0	0	71	82	—	—	0.6	—	0.9	8
Peshawar	Chakdara	000	0	0	36	01	97	00	0	011	79	0	0	9	0	0	66	70	—	—	—	—	—	—
	Peshawar	000	0	0	00	00	96	05	0	028	81	0	0	9	0	0	72	77	−2	+1	1.7	−2.0	8.3	11
	Haripur	000	0	0	13	03	96	00	0	026	80	0	0	9	0	0	66	69	—	—	17.6	—	24.4	—
D. I. Khan	Bannu	001	0	0	00	00	99	00	0	989	88	0	0	9	0	0	67	78	—	—	2.0	—	5.0	11
	D. I. Khan	000	0	0	05	02	98	00	0	004	84	0	0	9	0	0	74	79	−1	0	1.6	−3.4	4.4	9
Quetta	Sibi	000	0	0	13	02	97	05	0	021	88	0	0	9	0	0	70	83	—	—	2.6	—	3.7	8
Kalat	Nokkundi	003	0	0	24	09	97	02	0	034	82	0	0	9	0	0	26	73	—	—	0	—	0.1	2
	Turbat	000	0	0	27	02	97	00	0	056	83	0	0	9	0	0	74	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	5	23	03	97	03	0	059	81	5	6	4	0	0	73	77	—	—	1.2	—	7.9	[illegible]
	Pasni	003	3	6	20	05	96	03	2	010	82	4	2	7	4	0	75	81	+4	+6	0	−0.9	0.2	6
Karachi Division	Ormara	000	0	2	25	07	94	03	1	045	80	2	1	6	0	0	77	79	—	—	0.1	−0.7	2.0	6
	Lasbela	000	0	3	09	01	97	03	0	949	84	4	0	8	3	0	81	80	—	—	0	—	0	8
	Karachi (Manora)	000	0	8	27	10	93	51	2	047	80	8	6	4	0	0	79	78	+4	0	3.7	−1.8	3.7	8
	Karachi (Airport)	000	0	7	27	09	96	03	1	051	82	6	6	5	0	0	75	79	—	—	4.9	—	4.9	—
Hyderabad	Nagarparkar	000	0	0	05	04	97	09	0	041	82	0	0	9	0	0	73	65	—	—	6.4	—	6.4	—
	Umerkot	000	0	2	23	04	97	02	0	040	83	2	2	7	0	0	75	78	—	—	5.3	—	5.5	—
	Hyderabad	000	0	0	20	09	97	02	0	031	87	0	0	9	0	0	73	88	+2	+2	4.3	−1.1	5.1	7
	Badin	000	0	0	23	02	97	03	0	054	81	0	0	9	0	0	75	78	+5	0	3.8	−2.7	4.4	9
Khairpur	Padidan	000	0	0	13	07	98	02	0	023	83	0	0	9	0	0	73	80	—	—	2.2	—	2.8	—
	Nawabshah	000	0	0	18	07	96	00	0	033	84	0	0	9	0	0	73	83	—	—	2.7	—	3.3	4
	Sukkur	000	9	0	20	03	97	03	1	020	85	0	0	9	0	0	73	83	—	—	2.5	—	2.9	—
	Kashmore	000	0	0	00	00	99	00	0	041	81	0	0	9	0	0	67	71	—	—	0.5	—	0.5	4
	Jacobabad	000	0	0	16	05	96	02	0	020	85	0	0	9	0	0	83	83	−2	+3	1.0	−1.1	1.9	20
Junagadh	Veraval																							
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
HILL STATIONS																								
Kashmir	Srinagar *	—	...	...	—	—	—	...	...	...	—	...	...	...	...	...	...	—	—					26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							24
	Leh **																							3
	Skardu *																							6
	Misgar **	000	0	0	36	02	98	00	0	128	55	0	0	9	0	0	30	45		—				—
	Aliabad *																							—
	Gilgit *	000	0	0	00	00	99	00	0	478	76	0	0	9	0	0	54	61		—				5
Rawalpindi	Murree *	008	2	5	13	02	97	61	9	433	62	5	5	3	0	0	60	57	+3	+1	25.7	−5.4	44.0	59
Peshawar	Drosh *	000	0	3	00	00	98	01	0	462	73	3	0	9	4	0	50	71	+4	+3	4.4	—	16.4	18
	Chitral *	000	0	0	18	03	98	02	0	413	74	0	0	9	0	0	68	61	+7	−7	11.1	+0.7	35.2	29
	Kakul *	006	2	6	09	03	97	21	9	465	70	6	9	6	0	0	67	68	—	—	—	—	—	—
	Landikotal *	000	0	0	03	00	97	00	0	444	77	0	0	9	0	0	66	68	—	—	1.9	—	18.1	—
	Parachinar *	000	0	0	00	00	99	00	0	458	64	0	0	9	0	0	57	60	−1	−4	—	—	—	29
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	465	83	0	0	9	0	0	67	74	—	—	0.6	−3.2	2.4	13
	Wana *	000	0	0	00	00	99	00	0	517	77	0	0	9	0	0	49	60	—	—	4.6	—	12.9	11
Quetta	Fort Sandeman *	000	0	0	00	00	99	01	0	470	73	0	0	9	0	0	50	68	−1	−2	5.0	+0.2	9.7	11
	Hindubagh *	000	9	0	27	03	97	00	0	461	73	0	0	9	0	0	42	55	—	—	0.8	—	4.6	—
	Loralai *	000	0	0	31	03	99	00	0	410	72	0	0	9	0	0	21	60	—	—	1.1	—	4.6	9
	Harnai *	000	0	0	31	05	97	00	0	433	78	0	0	9	0	0	62	74	—	—	4.4	−2.3	7.6	14
	Quetta *	000	0	0	00	00	96	00	0	461	70	0	0	9	0	0	54	53	—	—	0.1	−0.9	4.3	9
	Chaman *	000	0	0	09	05	98	00	0	468	79	0	0	9	0	0	27	68	−1	+1	0	−0.1	[illegible]	8
	Nushki *	000	0	0	09	09	98	02	0	511	84	0	0	9	0	0	52	72	—	—	0	—	[illegible]	—
	Dalbandin *	000	0	0	27	02	96	02	0	452	68	0	0	9	0	0	23	60	−3	−5	0	−0.2	[illegible]	4
Kalat	Kalat *	000	0	0	18	02	96	00	0	457	64	0	0	9	0	0	59	53	0	0	0.2	−0.9	2.1	7
	Panjgur *	000	0	0	05	03	98	02	0	454	68	0	0	9	0	0	23	62	−1	−6	0.3	—	1.1	5
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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 3rd SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_oL_oL_o$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_iV_i a PP	8 $N_sC_hh_s$	$OT_iT_iT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Sirdhana	13 245	659 00	5 28 12	98 0 31	067 82	82 8 00	65 6 08	—	00 0 77	42 8 22
Modjokerk	13 184	701 06	2 32 07	98 0 21	089 82	12 2 01	75 1 03	—	00 0 76	43 2 21
Schouten	19 035	835 06	6 30 11	98 0 28	102 82	49 4 3x	55 0 00	—	00 0 76	13 0 21
Socotra	13 241	671 06	2 25 13	98 0 30	078 85	32 4 00	35 4 00	—	00 4 77	42 2 22
Calcar the Haque	13 232	605 06	3 21 13	98 0 31	069 81	31 4 00		—	05 4 73	12 1 23
Sirdhana	13 244	635 06	7 23 05	99 0 31	082 82	73 5 00	65 $\overline{2}$ 10	—	00 1 77	12 3 43
Bermice	13 294	496 12	0 29 08	98 0 30	035 96	30 9 00	76 6 15	—	00 1 83	12 2 rx
World health	13 169	551 12	8 23 04	99 0 04	068 81	87 3 00	15 6 20	—	01 2 77	12 3 53
British Reliance	13 316	596 12	0 16 05	98 0 20	043 80	00 9 00		—		
Socotra	13 232	680 12	3 25 13	98 0 20	053 84	31 4 08	35 $\overline{7}$ 18	—	00 $\overline{2}$ 74	12 $\overline{3}$ 21
Modjokerk	13 196	693 12	3 30 06	98 0 21	061 85	22 3 01	75 7 17	—	00 2 79	13 0 21
Calcar The Haque	13 242	572 12	0 12 06	98 0 20	045 86	00 9 00		—	05 0 77	11 2 20
Schouten	18 033	823 12	6 14 05	98 0 38	092 82	87 4 xx	55 $\overline{3}$ 12	—	00 0 73	11 4 21
Calcar the Haque	13 252	577 18	0 00 00	98 0 28	044 03	00 9 00		—	05 2 94	10 5 00
Modjokerk	13 209	686 18	3 xx xx	98 0 21	078 82	9x 0 xx	95 $\overline{3}$ 10	—	00 0 82	—

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
			HHHTTTTdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	—													
Chittagong	—													
Dacca	00 00	024 285 265	—	—	145 218 178	—	312 142 085	441 082 015	599 505 568	765 585 662	984 683	—	—	—
Jiwani	—													
Karachi	00 00	082 275 243	044 292 282	—	141 215 205	—	310 092 008	436 032 972	581 562 995	751 650 990	962 795	239 015	431 845	—
Lahore	00 00	978 308 230	018 xxxxxx	—	140 218 182	—	310 108 095	436 010 990	581 575 995	751 662 995	—	—	—	—
Multan														
Peshawar	00 00	961 275 252	—	—	140 188 995	—	307 110 990	035 062 992	582 508 995	758 588 992	978 648	278 800	—	—
Quetta														

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTTdTdTd								Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	—												
Chittagong	—												
Dacca	00 00	002 202 268	xxx xxx xxx	800 202 158	—	—	—	—	—	—	800 202 158	—	—
Jiwani													
Karachi	00 00	900 222 128	800 172 082	—	—	—	—	—	—	—	800 172 082	—	—
Lahore	00 00	900 250 200	800 178 995	—	—	—	—	—	—	—	800 178 995	—	—
Multan													
Peshawar	00 00	900 228 995	800 150 990	—	—	—	—	—	—	—	800 150 990	—	—
Quetta													

PPP—Pressure in hundreds tens and units of millibars.

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

St—Character of tropopause.

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

TT—Dry Bulb temperatures in °C.

50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 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	7.5	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 —	14 04	15 05	15 06	11 08	13 01	15 11	13 06	11 11	13 01	18 04	13 04	11 05	10 06	13 03	19 06	—	—	—	—	—	—	—	—	—	—	—
Chittagong —	—	24 03	26 03	25 03	25 06	33 07	34 12	35 10	03 09	—	09 07	15 05	23 06	29 04	35 06	—	11 06	10 07	25 03	27 06	25 05	01 06	07 07	09 06	31 11	—
Dacca —	21 09	23 11	22 11	21 08	19 06	17 04	28 12	25 12	27 12	25 20	25 21	21 21	19 14	19 05	13 01	23 19	21 20	22 25	20 21	18 07	16 07	—	—	—	—	—
Chittagong —	21 10	21 06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cox's Bazar —	13 05	23 03	20 03	19 05	—	—	—	—	—	12 08	14 06	13 07	—	—	—	—	—	09 03	06 06	06 16	11 07	07 01	11 05	01 09	32 04	29 11
Dacca —	21 04	12 08	13 09	16 06	16 12	16 17	11 15	09 13	13 15	14 02	14 04	13 50	17 12	16 08	15 06	—	—	—	—	—	—	—	—	—	—	—
Chittagong —	—	—	21 01	32 03	34 04	21 03	20 02	26 11	22 07	—	—	22 09	25 08	24 07	05 05	—	—	09 03	06 06	06 16	11 07	07 01	11 05	01 09	32 04	29 11
Q.L. Khan —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dvech —	—	—	—	—	23 15	23 13	20 11	20 11	17 09	—	—	—	25 02	27 02	28 02	—	—	—	—	24 07	23 17	20 08	19 06	19 10	25 19	—
Fort Sandeman —	—	—	—	05 02	26 04	26 06	—	—	—	—	—	—	31 05	31 08	33 09	—	—	—	34 08	33 06	32 15	31 05	31 07	27 03	31 04	33 10
Jacobabad —	—	—	—	—	—	—	—	—	—	12 07	11 07	12 07	11 05	08 05	—	—	—	—	—	—	—	—	—	—	—	—
Jacobabad —	17 14	14 04	12 03	—	—	—	—	—	—	11 07	14 06	23 06	22 08	26 06	31 06	16 03	15 06	14 04	26 04	27 04	34 04	04 05	04 09	36 03	31 13	34 08
Jiwani —	23 04	24 05	25 05	08 08	01 06	22 10	02 10	09 06	25 01	23 11	23 04	31 06	32 06	35 08	11 05	26 03	—	—	—	—	—	—	—	—	—	—
Karachi —	25 13	27 13	29 10	20 03	04 06	06 03	23 06	23 13	25 17	—	—	—	—	—	—	28 09	27 17	27 17	—	—	—	—	—	—	—	—
Khanpur —	23 04	23 07	31 04	21 12	22 10	28 08	24 10	25 18	26 25	23 23	23 23	24 19	25 13	24 13	25 15	12 12	22 13	27 11	32 12	33 04	09 04	19 04	—	—	—	—
Lahore —	28 03	29 03	29 03	31 04	32 06	34 13	30 10	29 14	28 23	22 08	24 04	26 06	34 05	36 06	33 04	34 01	18 03	18 03	35 01	06 04	29 04	38 05	26 08	01 02	—	—
Multan —	22 08	31 11	21 11	22 08	19 03	06 09	29 10	27 15	26 20	19 19	22 23	23 21	25 14	30 07	22 01	31 10	21 13	21 13	18 12	11 02	21 04	07 08	23 09	27 10	—	—
Muscat —	—	—	—	33 09	32 10	34 07	34 19	33 13	03 07	—	—	—	—	34 08	33 10	34 13	—	—	—	35 12	35 13	34 08	29 10	35 11	34 15	36 16
Peshawar —	—	06 08	07 06	17 09	19 13	29 15	32 12	25 11	36 14	—	36 04	33 05	31 06	36 04	31 13	—	01 06	11 07	21 02	30 16	28 05	31 13	04 06	04 01	34 10	32 14
Quetta —	—	—	—	—	28 04	31 05	26 01	26 09	28 08	—	—	—	—	25 03	26 07	—	—	—	—	32 04	35 11	29 12	16 21	15 23	14 05	15 10
Sharjah —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sylhet —	38 09	28 03	19 03	17 04	17 07	15 08	xx xx	xx xx	35 06	No	—	Ascent	—	—	—	11 05	14 07	13 06	—	—	—	—	—	—	—	—
Vizagapatam —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

† 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	7.5	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	02 01	15 04	16 17	17 09	15 06	13 01	14 21	14 11	14 10	12 13	12 23	14 07	—	—	—	—	—
Karachi —	27 19	26 18	30 16	30 14	01 11	04 13	22 07	26 19	24 12	24 07	26 09	20 07	19 13	—	—	—	—	—
Peshawar —	—	03 04	30 02	23 03	38 04	30 07	36 05	07 04	08 02	33 13	29 14	28 22	37 28	—	—	—	—	—
Quetta —																		

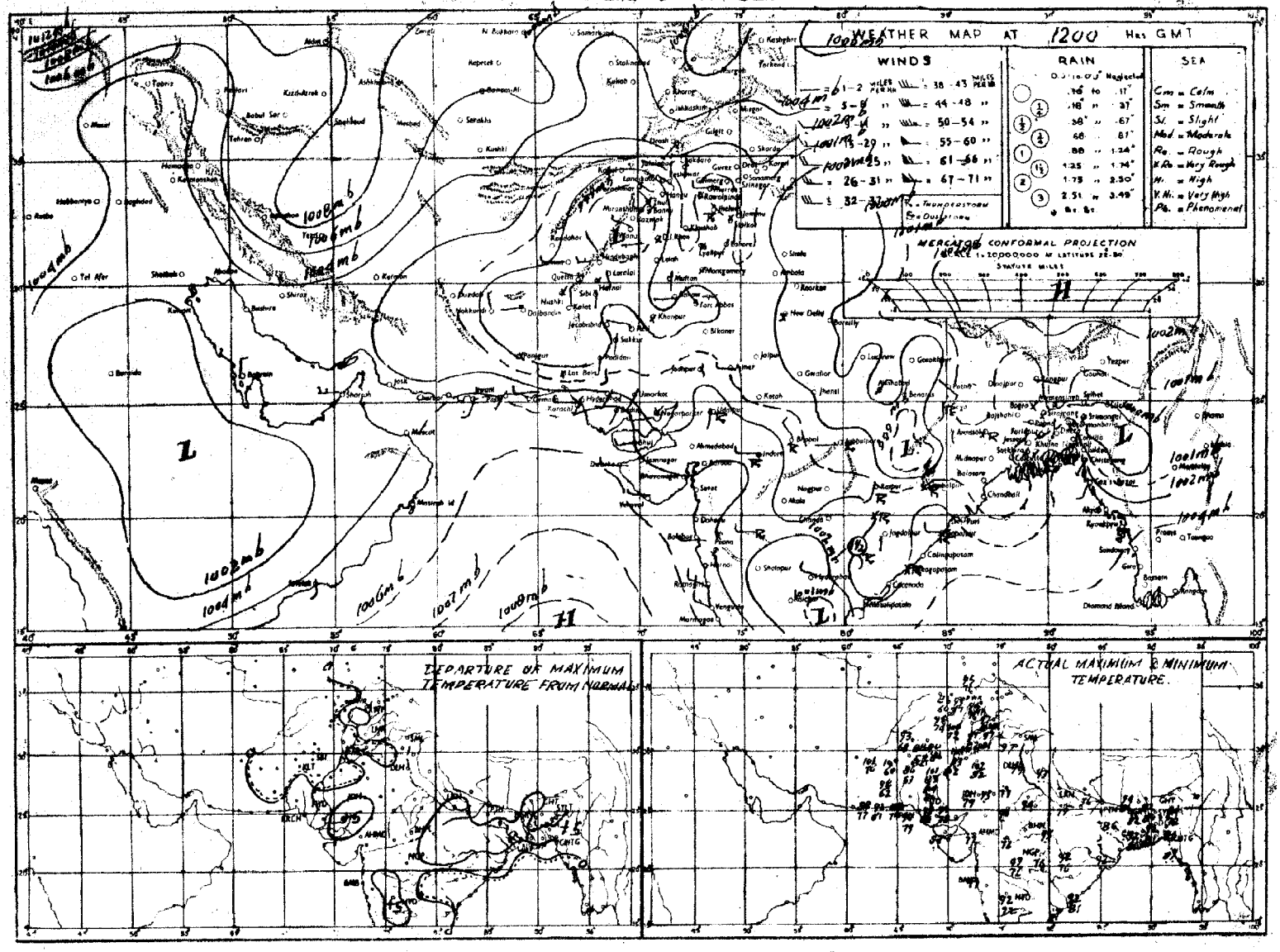
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The same two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figure for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd V_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 Force, KARACHI—11.

PAKISTAN DAILY WEATHER MAP

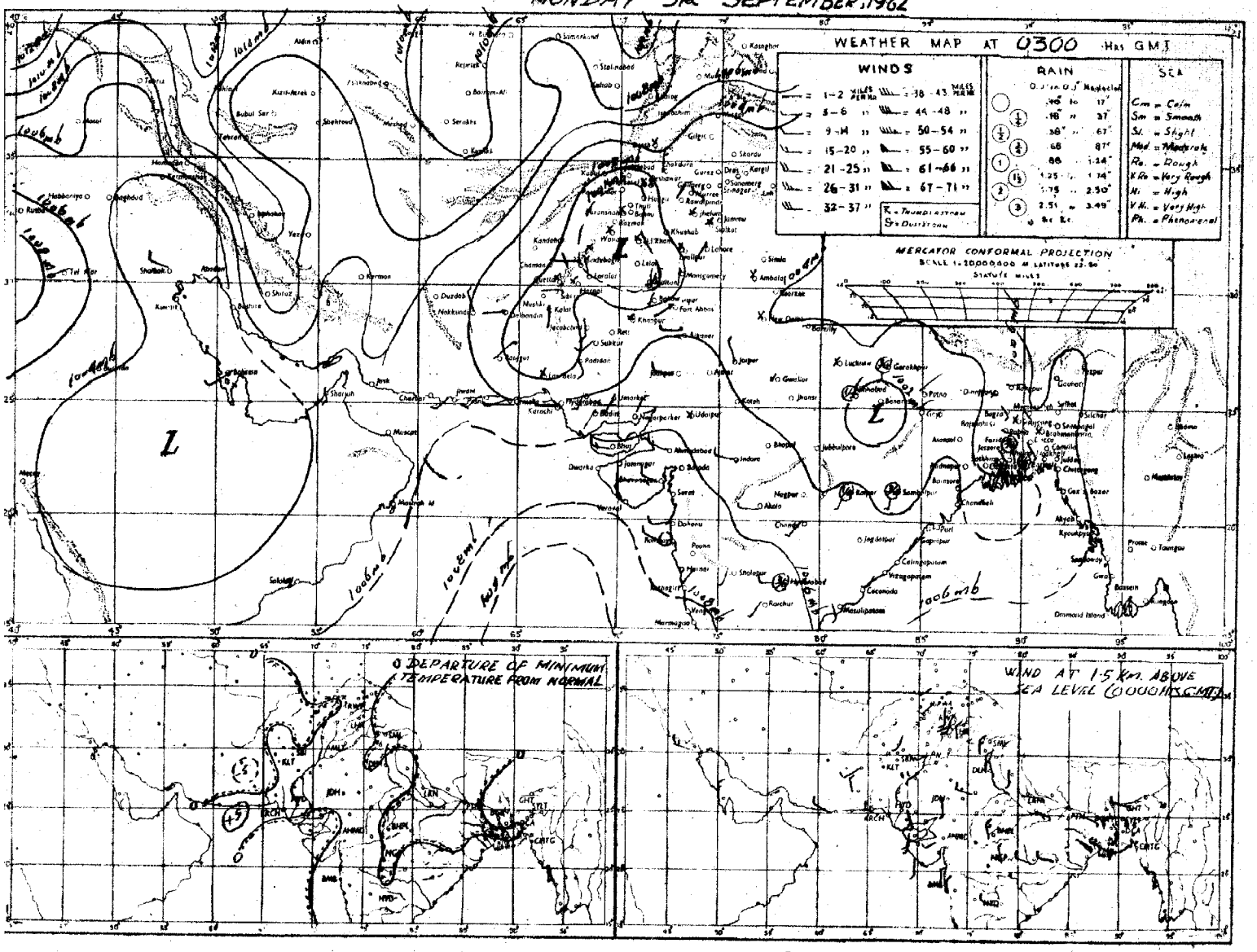
SUNDAY 2nd SEPTEMBER, 1962.



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

PAKISTAN DAILY WEATHER MAP

MONDAY 3rd SEPTEMBER, 1962



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. 16

TUESDAY THE 4th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Monsoon trough of low pressure continues to run across Uttar Pradesh to northeast and adjoining east central Bay of Bengal.

Rain/thundershowers have been fairly widespread in Dacca division local in Chittagong division and scattered in Khulna division. Local thunderstorms have also been reported from Rajshahi division.

Yesterday's westerly low pressure wave over Peshawar division and adjoining Afghanistan is moving away across Kashmir and adjoining Rawalpindi division. Another lies over east Afghanistan and Peshawar division.

Local thunderstorms have been reported from Rawalpindi division and scattered from Peshawar division.

Chief amounts of rainfall are :—Brahmanbaria 1"; Cox's Bazar, Sylhet, Fairdpur, Jessore ½" each and Mymensingh 1/4".

Day temperatures were 3—6 °F (2—3 °C) above normal in Khulna and Karachi divisions.

Forecast valid until the evening of 5th September, 1962 :—Thunderstorm/showers will be fairly widespread in Chittagong, Peshawar, Rawalpindi divisions and Kashmir, local in Dacca, Lahore and Sargodha divisions and scattered in Khulna, Rajshahi, D. I. Khan and Multan divisions.

Karachi-11
The 4th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	000	0	6	18	05	97	05	1	023	85	4	7	5	6	9	78	93
	Cox's Bazar	000	0	7	23	09	97	02	2	014	84	5	8	5	7	8	77	87
	Chittagong	000	0	5	18	09	97	02	2	009	84	2	3	6	1	2	78	90
	Maijdee Court	—	...	...	...	—	...	...	...	—	...	—	...	...	—	...	—	—
	Comilla	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sylhet	000	9	5	00	00	96	01	6	884	87	4	5	6	7	1	81	87
	Srimangal	000	0	3	00	00	96	02	2	006	86	3	0	4	0	0	77	90
Dacca	Mymensingh	000	0	4	00	00	97	02	1	012	87	0	0	9	0	4	77	89
	Narayanganj	000	9	4	00	03	96	02	2	007	89	1	4	3	0	8	79	91
	Dacca (Tezgaon)	000	9	3	00	00	97	02	1	002	86	2	3	5	0	3	77	90
	Faridpur	000	0	3	20	03	96	01	1	000	88	2	3	6	0	1	81	88
Khulna	Barisal	000	0	4	13	02	97	02	2	013	86	2	7	6	4	0	80	90
	Khulna	000	0	4	03	00	97	01	1	007	84	4	5	7	0	0	79	90
	Satkhira	047	4	4	00	00	97	03	6	019	91	2	2	8	2	0	79	92
	Jessore	000	0	2	18	02	97	01	2	013	83	2	4	6	0	0	79	91
Rajshahi	Pabna	006	8	1	00	00	99	01	9	996	85	0	0	9	0	1	79	90
	Sirajganj	000	0	1	18	02	98	03	1	002	85	1	0	9	0	1	78	88
	Bogra	000	0	7	00	00	96	02	2	000	87	4	5	6	0	1	79	91
	Dinajpur	030	4	4	01	00	96	01	9	999	85	4	0	9	2	x	77	95
	Rangpur	000	0	3	00	00	96	01	1	002	86	3	0	9	1	0	80	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	003	0	3	23	02	95	05	0	994	97	2	1	7	1	0	72	99
	Sialkot	032	0	8	09	00	96	61	1	988	95	8	7	5	x	x	77	97
Rawalpindi	Jhelum	003	3	6	09	05	96	29	9	008	86	3	5	6	1	0	68	97
	Rawalpindi	003	0	3	00	00	98	05	9	991	94	3	1	7	0	0	75	96
	Campbellpur	000	0	0	13	04	98	00	0	038	97	0	0	9	0	0	80	92
Sargodha	Khushab	000	0	0	18	03	95	00	0	988	97	0	0	9	0	0	79	99
	Lyallpur	000	0	5	00	03	97	02	0	997	99	5	0	9	4	0	69	99
Multan	Montgomery	000	0	2	03	00	96	03	0	988	99	2	1	8	8	0	75	02
	Multan	000	0	2	18	03	94	02	0	982	00	0	0	9	0	1	69	03
	Leiah	000	0	1	18	02	97	40	0	[illegible]	01	1	x	9	x	x	77	06
Bahawalpur	Khanpur	000	0	0	23	05	96	02	0	012	02	0	0	9	0	0	66	04
	Bahawalpur	000	0	0	00	03	98	00	0	067	02	0	0	9	0	0	72	03
	Fort Abbas	000	0	0	18	02	98	00	0	982	02	0	0	9	0	0	68	05
Peshawar	Chakdara	000	0	0	13	03	97	00	0	954	92	0	0	9	0	0	72	93
	Peshawar	000	0	1	36	02	95	05	0	975	95	1	2	6	3	0	70	96
	Haripur	000	0	0	05	01	97	00	0	989	92	0	0	9	0	0	72	95
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	965	99	0	0	9	0	0	65	01
	D. I. Khan	000	0	0	00	00	98	00	0	976	02	0	0	9	0	0	73	02
Quetta	Sibi	000	0	0	18	02	98	00	0	980	07	0	0	9	0	0	61	08
Kalat	Nokkundi	000	0	0	05	03	98	02	0	984	00	0	0	9	0	0	33	03
	Turbat	000	0	0	31	03	98	00	0	990	03	0	0	9	0	0	69	04
	Jiwani	000	0	0	18	12	97	02	0	027	85	0	0	9	0	0	73	88
	Pasni	000	8	6	23	12	96	02	1	989	87	0	0	9	4	3	77	90
Karachi Division	Ormara	000	0	1	27	12	94	03	1	011	85	1	1	6	0	0	78	89
	Lasbela	000	0	4	36	10	98	04	0	685	86	4	0	9	4	0	82	02
	Karachi (Manora)	000	0	4	25	12	96	01	1	019	86	4	6	4	0	0	77	89
	Karachi (Airport)	000	0	3	27	10	96	01	1	021	87	3	5	6	0	0	74	90
Hyderabad	Nagarparkar	000	0	0	31	02	97	00	0	014	95	0	0	9	0	0	66	96
	Umerkot	000	0	1	23	02	98	02	0	000	96	1	2	7	0	0	73	98
	Hyderabad	000	0	0	20	09	97	02	0	000	86	0	0	9	0	0	72	98
	Badin	000	0	0	23	02	97	00	0	035	94	0	0	9	0	0	74	98
Khairpur	Padidan	000	0	1	18	02	95	03	0	987	04	1	1	6	0	0	65	05
	Nawabshah	000	0	0	18	05	96	01	0	997	03	0	0	9	0	0	70	04
	Sukkur	000	0	0	36	02	97	02	0	984	02	0	0	9	0	0	76	05
	Kashmore	000	0	0	00	00	99	00	0	008	95	0	0	9	0	0	64	98
	Jacobabad	000	0	0	16	03	97	02	0	901	91	0	0	9	0	0	87	02
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar **	...	...	...	...	...	...	...	...	...	—	...	...	...	...	...	...	...
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...
	Skardu *																	
	Misgar **	000	0	2	13	05	98	01	0	371	92	2	1	8	3	0	57	96
	Aliabad *																	
	Gilgit *	000	0	0	00	00	99	00	0	424	86	0	0	9	0	0	53	96
Rawalpindi	Murree *	003	9	4	00	00	93	01	6	452	69	2	1	4	8	0	58	71
Peshawar	Drosh *	000	2	3	23	10	97	01	2	475	90	2	2	7	6	0	53	94
	Cherat *	000	0	0	18	03	98	03	0	495	86	0	0	9	0	0	70	93
	Kakul *	004	1	3	18	03	95	05	6	447	80	3	2	7	0	0	63	83
	Landikotal *	000	0	2	00	00	97	01	0	429	87	2	1	7	0	0	70	90
	Parachinar *	000	0	6	13	02	98	03	0	447	80	6	1	8	1	0	61	82
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	443	94	0	0	9	0	0	62	95
	Wana *	0 0	0	4	05	03	99	01	1	517	86	4	0	9	5	0	57	92
Quetta	Fort Sandeman *	000	0	0	00	00	99	03	0	444	94	0	0	9	0	0	27	96
	Hindubagh *	000	0	0	25	03	97	00	0	400	90	0	0	9	0	0	52	91
	Loralai *	000	0	4	20	03	99	00	1	425	88	0	0	9	0	0	51	92
	Harnai *	000	0	2	13	05	97	03	0	412	95	2	1	5	0	0	50	95
	Quetta *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chaman *	000	0	0	27	07	98	00	0	421	94	0	0	9	0	0	31	55
	Nushki *	000	0	0	27	09	98	02	0	475	97	0	0	9	0	0	45	99
	Dalbandin *	000	0	0	13	03	99	02	0	459	98	0	0	9	0	0	43	00
Kalat	Kalat *	000	0	0	18	03	96	00	0	430	85	0	0	9	0	0	60	86
	Panjgur *	000	0	0	23	02	97	02	0	450	94	0	0	9	0	0	35	98
Afghanistan	Kabul *																	
	Kandhar *																	

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)
Rangamati	000	9	5	18	02	98	05	9	057	84	3	4	6	4	9	78	80
Cox's Bazar	049	8	7	20	02	97	02	6	044	84	5	4	5	4	8	78	78
Chittagong	000	0	6	13	03	97	02	2	042	85	4	5	6	1	1	76	78
Maijdee Court	000	9	6	13	02	96	03	2	046	84	3	5	5	2	0	78	77
Comilla	000	0	8	18	05	96	02	2	024	82	8	4	5	x	x	79	79
Brahmanbaria	105	2	6	13	03	97	60	6	044	84	6	4	5	0	0	80	79
Sylhet	052	4	8	00	00	96	95	9	048	79	5	3	5	2	x	78	78
Srimangal	000	0	3	18	09	96	03	0	047	83	3	0	4	0	0	77	80
Mymensingh	073	8	6	13	02	96	02	9	049	83	0	0	9	0	8	79	78
Narayanganj	000	9	5	00	00	97	03	1	039	88	2	4	3	0	8	78	82
Dacca (Tezgaon)	037	8	6	00	00	97	61	9	035	80	4	3	6	7	0	79	80
Faridpur	040	3	7	00	00	98	51	9	020	82	x	5	1	2	x	79	xx
Barisal	000	0	3	18	02	97	02	2	043	86	3	0	9	4	0	79	81
Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Satkhira	047	9	6	00	00	97	03	6	054	86	3	4	6	2	1	79	79
Jessore	000	0	7	18	02	97	03	2	035	84	3	5	6	6	2	80	79
Pabna	006	0	5	18	02	99	03	1	034	86	2	5	7	0	2	79	80
Sirajganj	000	0	7	18	03	97	03	2	035	84	3	5	6	6	2	80	79
Bogra	000	0	6	00	00	96	03	2	036	91	2	4	6	3	1	78	80
Dinajpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rangpur	000	0	3	09	02	96	03	0	035	87	2	2	6	1	0	77	81
Jammu																	
Lahore (Jail Rd.)	000	0	4	18	03	96	01	1	017	88	2	1	7	7	0	74	80
Sialkot	042	0	0	00	00	98	03	0	023	80	6	0	9	0	0	77	78
Jhelum	000	0	3	01	00	97	03	0	020	82	1	1	7	6	0	72	77
Rawalpindi	003	0	2	09	02	96	02	0	020	83	2	3	6	0	0	70	77
Campbellpur	000	0	4	13	01	97	02	0	972	83	0	2	8	0	2	67	83
Khushab	000	0	0	09	05	98	00	0	015	84	0	0	9	0	0	75	80
Lyallpur	000	0	4	00	00	95	01	2	003	85	4	0	9	3	0	75	84
Montgomery	000	0	0	23	03	96	02	0	098	85	0	0	9	0	0	73	81
Multan	000	0	0	18	05	98	02	0	001	87	0	0	9	0	0	74	82
Leiah	000	0	2	00	00	96	00	2	994	95	0	0	9	2	0	73	78
Khanpur	000	0	0	23	07	95	05	0	010	95	0	0	9	0	0	73	81
Bahawalpur	000	0	0	20	02	98	00	0	015	86	0	0	9	0	0	77	xx
Fort Abbas	00.	0	0	20	02	98	00	0	010	89	0	0	9	0	0	71	82
Chakdara	000	0	6	36	02	96	20	5	016	74	6	3	7	0	0	71	73
Peshawar	000	0	3	31	02	96	05	0	014	82	0	0	9	0	1	72	77
Haripur	000	3	5	05	02	96	03	2	018	82	5	1	6	0	0	69	75
Bannu	000	0	0	00	00	99	00	0	992	86	0	0	9	0	0	73	79
D. I. Khan	000	0	0	09	02	98	00	0	997	86	0	0	9	0	0	76	80
Sibi	000	0	0	10	20	97	05	0	011	86	0	0	9	0	0	68	83
Nokkundi	000	0	0	05	02	98	02	0	018	85	0	0	9	0	0	33	73
Turbat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jiwani	000	3	5	25	07	97	03	1	039	81	5	5	5	0	0	74	76
Pasni	000	3	8	07	01	97	03	4	021	79	9	4	7	0	0	78	78
Ormara	000	0	3	27	09	94	03	1	015	80	3	1	6	0	0	77	79
Lasbela	000	0	3	09	01	97	03	0	955	84	3	0	8	3	0	83	82
Karachi (Manora)	000	0	8	25	10	96	02	2	029	82	8	6	4	0	0	76	80
Karachi (Airport)	000	0	7	27	12	96	03	1	037	82	7	6	5	0	0	75	80
Nagarparkar	000	0	3	36	01	97	00	0	027	84	0	3	7	0	0	72	67
Umerkot	000	0	1	23	02	97	02	0	037	84	1	2	7	0	0	75	77
Hyderabad	000	0	0	23	09	97	02	0	021	82	0	0	9	0	0	73	79
Badin	000	0	0	23	02	97	00	0	053	82	0	0	9	0	0	75	78
Padidan	000	0	0	13	09	98	02	0	009	83	0	0	9	0	0	72	78
Nawabshah	000	0	0	19	05	96	03	0	019	82	0	0	9	0	0	73	78
Sukkur	000	0	0	20	05	97	02	0	019	84	0	0	9	0	0	74	81
Kashmore	000	0	0	03	00	99	00	0	003	83	0	0	9	0	0	64	72
Jacobabad	000	0	0	13	02	96	02	0	010	65	0	0	9	0	0	81	61
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar **	xxx	3	2	00	00	96	05	0	463	62	2	2	6	0	0	15	58
Gulmarg **																	
Sonamarg **																	
Dras **																	
Leh **	xxx	x	1	00	00	99	03	0	077	61	0	0	9	3	0	57	46
Skardu *																	
Misgar **	000	0	0	05	03	98	00	0	116	58	0	0	9	0	0	32	51
Aliabad *																	
Gilgit *	000	0	0	00	00	99	00	0	451	79	0	0	9	0	0	53	62
Murree *	003	9	6	27	02	97	02	1	453	65	4	1	4	5	0	59	58
Drosh *	000	0	4	18	00	97	03	0	459	73	1	1	7	3	0	58	72
Cherat *	000	0	7	00	00	98	03	0	403	74	7	8	6	0	0	69	61
Kakul *	004	2	7	21	03	97	17	9	457	74	7	9	6	0	0	67	68
Landikotal *	000	0	0	00	00	97	00	0	441	79	0	0	9	0	0	68	71
Parachinar *	000	0	0	00	00	99	00	0	467	67	0	0	9	0	0	56	61
Miranshah *	000	0	0	00	00	99	00	0	429	80	0	0	9	0	0	61	74
Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Fort Sandeman *	000	0	0	00	00	99	02	0	463	76	0	0	9	0	0	56	71
Hindubagh *	000	0	0	27	02	97	00	0	442	74	0	0	9	0	0	41	62
Loralai *	000	0	0	29	02	99	00	0	430	72	0	0	9	0	0	47	61
Harnai *	000	0	0	20	05	97	00	0	422	79	0	0	9	0	0	58	76
Quetta *	000	0	0	00	00	96	08	0	456	70	0	0	9	0	0	52	54
Chaman *	000	0	0	09	05	98	00	0	454	xx	0	0	9	0	0	25	68
Nushki *	000	0	0	09	09	98	02	0	492	81	0	0	9	0	0	55	71
Dalbandin *	000	0	0	09	03	96	02	0	443	74	0	0	9	0	0	34	63
Kalat *	000	0	0	13	02	98	00	0	471	61	0	0	9	0	0	54	52
Panjgur *	000	0	0	09	03	97	02	0	444	71	0	0	9	0	0	22	63
Kabul *																	
Kandhar *																	

Departure from Normal of / Rainfall

STATIONS (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati	—	—	—	—	—	—
Cox's Bazar	+ 1	+ 2	91.5	− 5.8	102.7	140
Chittagong	+ 3	+ 2	65.9	− 1.4	79.4	108
Maijdee Court		+ 1	69.6	− 2.6	88.1	115
Comilla		+ 2	—	—	—	94
Brahmanbaria		—	—	—	—	78
Sylhet	—	—	—	—	—	—
Srimangal	0	+ 5	—	—	—	98
Mymensingh	+ 1	0	44.7	− 6.1	60.7	91
Narayanganj	+ 3	+ 3	34.5	− 5.7	54.8	74
Dacca (Tezgaon)	—	—	42.7		47.6	—
Faridpur	0	—	30.0	− 9.2	43.3	71
Barisal	+ 3	+ 3	37.0	− 11.0	50.8	84
Khulna	+ 2					68
Satkhira	+ 3	+ 1	41.7	+ 3.0	48.9	65
Jessore	—	—	30.6	− 6.1	40.8	65
Pabna	—	—	34.2	—	52.7	59
Sirajganj	0	0	30.4	− 6.6	43.4	64
Bogra	+ 2	+ 2	36.4	− 4.0	49.0	69
Dinajpur	+ 6					72
Rangpur	+ 2	+ 4	40.2	− 9.7	62.4	84
Jammu						—
Lahore (Jail Rd.)	+ 2	+ 4	7.9	− 4.9	14.3	19
Sialkot	+ 3	+ 1	22.0	+ 1.2	26.4	32
Jhelum	—	—	18.2	—	24.3	
Rawalpindi	+ 3	+ 4	23.7	+ 3.2	30.3	36
Campbellpur	—	—	9.6	—	17.9	—
Khushab	0	+ 1	2.4	− 6.7	7.3	15
Lyallpur	+ 2	+ 6	5.6	− 2.5	9.4	12
Montgomery	+ 1	+ 1	7.5	+ 1.2	10.6	10
Multan	+ 5	+ 1	1.2	− 3.3	2.9	7
Leiah	—	—	—		—	8
Khanpur	+ 1	+ 2	3.3	− 1.3	4.3	6
Bahawalpur	+ 2	—	1.8	− 2.3	2.5	6
Fort Abbas	—		0.6	—	0.9	8
Chakdara	—		6.8	—	16.1	—
Peshawar	− 1	+ 1	1.7	− 1.0	8.3	14
Haripur	—	—	17.8		24.4	—
Bannu	—	—	2.0	—	5.0	11
D. I. Khan	+ 2	+ 1	1.6	− 3.4	4.4	9
Sibi	—	—	2.6	—	3.7	5
Nokkundi	—	—	0	—	0.1	2
Turbat	—	—				—
Jiwani	—	—	1.2	—	1.9	5
Pasni	+ 2	+ 4	0	− 0.9	0.2	6
Ormara	—	—	0.1	− 0.7	2.0	6
Lasbela	—	—	0		0	8
Karachi (Manora)	+ 3	+ 2	3.7	− 1.8	3.7	8
Karachi (Airport)	—	—	4.9	—	4.9	—
Nagarparkar	—	—	6.4	—	6.4	—
Umerkot	—	—	5.3	—	5.4	—
Hyderabad	+ 1	+ 1	4.3	− 1.2	5.1	7
Badin	+ 5	0	3.8	− 2.8	4.4	9
Padidan	—	—	2.2	—	2.8	—
Nawabshah	—	—	2.7	—	3.1	—
Sukkur	—	—	2.5	—	2.5	4
Kashmore	—	—	0.5	—	0.5	—
Jacobabad	− 1	+ 2	1.0	− 1.1	1.9	4
Veraval						20
Jalalabad						
Muscat						4
Kuwait						5
HILL STATIONS						
Srinagar **		—				26
Gulmarg **						—
Sonamarg **						71
Dras **						26
Leh **		—				3
Skardu *						6
Misgar **	—	—	—	—	—	—
Aliabad *						—
Gilgit *	—	—	—	—	—	8
Murree *	+ 2	+ 2	25.7	− 5.6	44.0	59
Drosh *	+ 3	+ 4	4.4	—	16.4	18
Cherat *	+ 8	− 7	11.1	+ 0.6	35.2	29
Kakul *	—	—	26.8	—	32.4	—
Landikotal *	—	—	1.9	—	18.1	—
Parachinar *	− 2	− 3	8.7	—	22.2	25
Miranshah *	—	—	0.6	− 3.2	2.4	13
Wana *	—					11
Fort Sandeman *	0	+ 1	5.0	+ 0.3	9.7	11
Hindubagh *	—	—	0.8	—	4.6	—
Loralai *	—	—	1.1	—	4.6	9
Harnai *	—	—	4.4	− 2.3	7.6	14
Quetta *		—	0.3	− 0.9	4.3	9
Chaman *	+ 1	+ 1	0	− 0.1	1.3	8
Nushki *	—	—	0	—	1.6	—
Dalbandin *	− 3	− 2	0	− 0.2	1.1	4
Kalat *	0	− 1	0.2	− 0.9	2.1	7
Panjgur *	− 1	− 5	0.3	—	1.3	5
Kabul *						12
Kandhar *						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhClhCmCh	DsVs a pp	8 NsChshs	0TsTdTd	Idw dw Pw Hw
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Daressa	23 253	583 00	0 13 06	96 0 20	004 82	40 0 00	25 4 80	...	05 7 77	11 3 32
Daressa	23 251	600 06	4 17 09	97 0 30	065 82	41 4 00	25 2 30	...	05 2 77	11 6 32
Schouten	28 056	787 06	6 40 08	98 0 22	121 85	40 4 11	55 2 32	...	00 1 77	11 0 21
Modjokerk	23 234	670 06	2 26 09	98 0 10	048 82	22 3 30	85 2 08	...	07 0 77	12 6 22
Kuldecht	23 155	643 06	3 22 16	97 6 22	077 79	21 3 01	...	...	00 1 73	12 2 12
World health	23 197	588 06	0 70 00	97 0 22	086 77	8x 4 2x	15 2 28	...	00 3 30	10 0 xx
Isidora	23 153	519 06	0 12 01	98 0 20	069 81	30 9 00	15 1 05	...	00 6 77	11 2 20
Isidora	23 161	531 12	8 18 05	96 1 02	036 81	85 4 xx	16 2 31	...	00 1 32	11 8 21
Schoutin	28 043	726 12	5 00 00	98 0 22	088 82	34 6 00	55 2 03	...	00 1 78	10 9 21
Daressa	23 247	673 18	2 23 08	97 0 20	040 81	21 4 00	25 2 12	...	05 2 78	12 2 xx
Isidora	23 168	549 18	1 28 09	97 0 10	005 xx	12 4 00	16 2 00	...	00 3 72	12 5 xx

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb HHHTTTTdTdTd	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	022 282 272	...	..	140 198 182	...	309 108 065	439 045 545	585 542 578	758 638 718	971 275	..	—	...
Jiwani ...														
Karachi ...	00 00	001 275 231	029 302 262	...	148 225 175	..	315 115 998	442 015 995	587 515 995	760 625 995	976 772	254 982	438 118	...
Lahore ...	00 00	MISDA	...	...	—	...	...	...	...	...	...	...	...	—
Multan ...														
Peshawar ...	00 00	959 262 225	—	...	140 232 998	...	308 148 995	437 098 992	586 020 990	763 545 995	986 632	..	...	—
Quetta ...														

STATION	Time of ascent in G.M.T	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	001 285 265	900 208 195	800 165 148	550 002 362	350 698 992	250 865 992	010 582 502	—	...	010 582 502	—	—
Jiwani ...													
Karachi ...	00 00	900 262 245	800 192 145	...	...	...	—	—	...	...	800 19. 145	...	—
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	—	...	...
Multan ...													
Peshawar ...	00 00	900 252 998	800 200 990	...	—	—	...	...	...	—	800 200 995	—	..
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 °C.
50 has been added to the numbers when temperatures are negative

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.8	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 07	18 09	18 14	17 18	17 15	15 07	10 07	—	...	12 02	12 03	12 03	15 06	15 05	15 06	12 06	15 05	12 08	12 08	14 09	14 06	16 05	19 11	18 14	...	...
Chaklala ...	...	35 02	29 01	25 05	26 08	20 06	34 16	34 12	—	...	09 08	10 08	18 04	26 07	...	...	12 08	15 02	35 05	27 08	20 04	24 05	12 04	28 03	34 09	—
Cilhor ...	21 11	22 15	22 15	21 13	33 03	26 05	24 11	—	—	22 17	24 20	21 20	10 03	22 03	01 04	20 19	20 17	22 14	...	...	...	...	...	...	...	...
Chittagong ...	24 16	24 22	25 15	...	—	—	—	...	...	18 04	19 07	21 08	19 07	20 09	17 04	20 11	20 11	20 10	19 07	18 07	18 06	—	—	—	—	...
Cox's Bazar ...	21 45	21 12	21 10	—	—	—	—	...	—	17 08	18 06	29 05	23 07		...	20 06	20 06	19 05	...	...	...	...	...	...	...	...
Dacca ...	18 07	18 10	17 12	17 10	15 12	11 11	12 08	13 13	14 13	15 03	xx xx	18 03	19 02	17 05	17 09	18 04	18 06	11 07	16 06	xx xx	13 06	21 13	20 13	21 13	28 12	22 08
Dalbandin ...	...	—	26 02	27 03	17 04	18 05	31 03	34 05	36 05	—	...	06 01	24 09	06 11	14 05	—	...	08 05	07 09	05 09	27 04	14 15	04 09	01 11	36 10	..
D.I. Khan ...	—	—	—	—	—	...	—	...	...	—	...	—		...	...	—	—	—	—	...	...	...	...	...	...	...
Drosh ...	—	—	—	...	32 09	18 11	...	—	—	...	...	...	25 04	26 04	28 05	...	—	—	...	22 04	15 03	35 12	...	—	...	...
Fort Sandeman ...	...	...	...	02 01	30 02	26 05	02 08	36 06	34 04	...	...	...	18 02	31 05	34 11	...	—	...	28 07	33 04	33 05	09 01	03 03	02 01	01 13	02 13
Jacobabad ...	16 07	18 07	18 05	24 01	10 12	05 09	06 03	29 10	26 17	18 10	17 04	25 03	26 02	27 01	07 10	16 09	19 08	16 06	16 03	02 03	01 10	07 12	08 14	05 07	31 12	30 13
Jessore ...	...	...	...	—	...	—	—	—	...	21 07	21 07	19 07	11 03	09 03	—	16 05	15 04	14 06	11 07	11 04	16 07	...	...	...	...	...
Jhelum ...	01 03	29 02	31 03	33 06	33 10	29 15	—	...	...	14 03	14 07	19 06	24 03	29 07	31 04	12 02	14 05	19 02	30 04	38 07	35 03	07 04	16 02	02 02	23 07	33 07
Jiwani ...	33 09	06 03	08 03	06 03	02 04	01 09	34 17	25 11	26 12	23 11	27 07	27 09	32 10	35 08	08 10	23 10	21 05	24 06	...	—	—	—	...	...	—	...
Karachi ...	25 43	27 13	29 30	05 08	03 13	35 03	.	...	...	...	—	...	...	...	...	26 15	27 16	27 15	—	...	...	...	—	—	...	...
Khanpur ...	21 13	21 13	21 31	22 12	23 13	18 15	04 12	03 15	01 11	23 20	23 20	23 13	24 11	25 10	...	21 11	19 13	19 11	22 04	35 04	01 05	07 17	30 06	34 06	...	...
Lahore ...	26 06	26 07	26 06	25 03	26 04	31 08	31 07	33 04	36 06	13 08	16 09	16 09	24 04	28 08	35 07	19 05	20 05	21 03	36 03	36 08	02 08	05 17	03 11	32 06	30 07	—
Multan ...	22 10	21 09	21 07	22 10	21 13	30 02	34 10	—	...	21 20	21 26	23 27	—	—	—	20 16	21 21	21 25	21 16	21 16	22 02	02 12	05 12	03 07	34 15	35 18
Muscat ...	...	...	...	...	—	...	...	...	...	—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—
Panjgur ...	—	—	—	27 06	25 09	23 03	23 16	26 10	25 13	—	...	—	04 05	03 07	01 10	—	—	—	35 10	01 13	05 07	11 18	03 03	35 04	35 08	32 21
Peshawar ...	...	02 03	04 04	10 03	09 07	22 03	25 10	36 21	34 15	—	32 07	31 05	23 05	27 06	31 10	—	02 11	04 05	05 08	29 13	xx xx	xx xx	16 01	15 04	09 04	04 10
Quetta ...	...	...	...	—	30 04	27 02	15 02	32 03	31 04	...	...	...	—	22 02	27 03	—	...	—	—	36 04	34 11	13 09	12 10	08 10	06 11	...
Sharjah ...	...	...	...	—	—	...	—	...	...	...	...	...	...	...	—	—	...	...	—	—	...	—	...	...	...	...
Sylhet ...	30 06	28 06	27 05	21 09	21 08	xx xx	13 02	...	...	No	...	Ascent	...	...	—	11 09	10 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	16.2	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 03	20 02	25 01	28 01	23 04	18 07	16 11	17 08	17 10	20 09	09 02	14 07	...	...	...	...	...	—
Karachi ...	26 20	27 23	29 21	31 15	35 11	04 11	04 12	28 11	27 14	26 13	33 08	31 14	34 07	...	...	...	...	—
Peshawar ...	...	28 07	25 03	29 04	31 08	31 13	02 05	10 06	09 13	32 14	31 27	30 33	29 34	—	...	...	...	...
Quetta ...																		

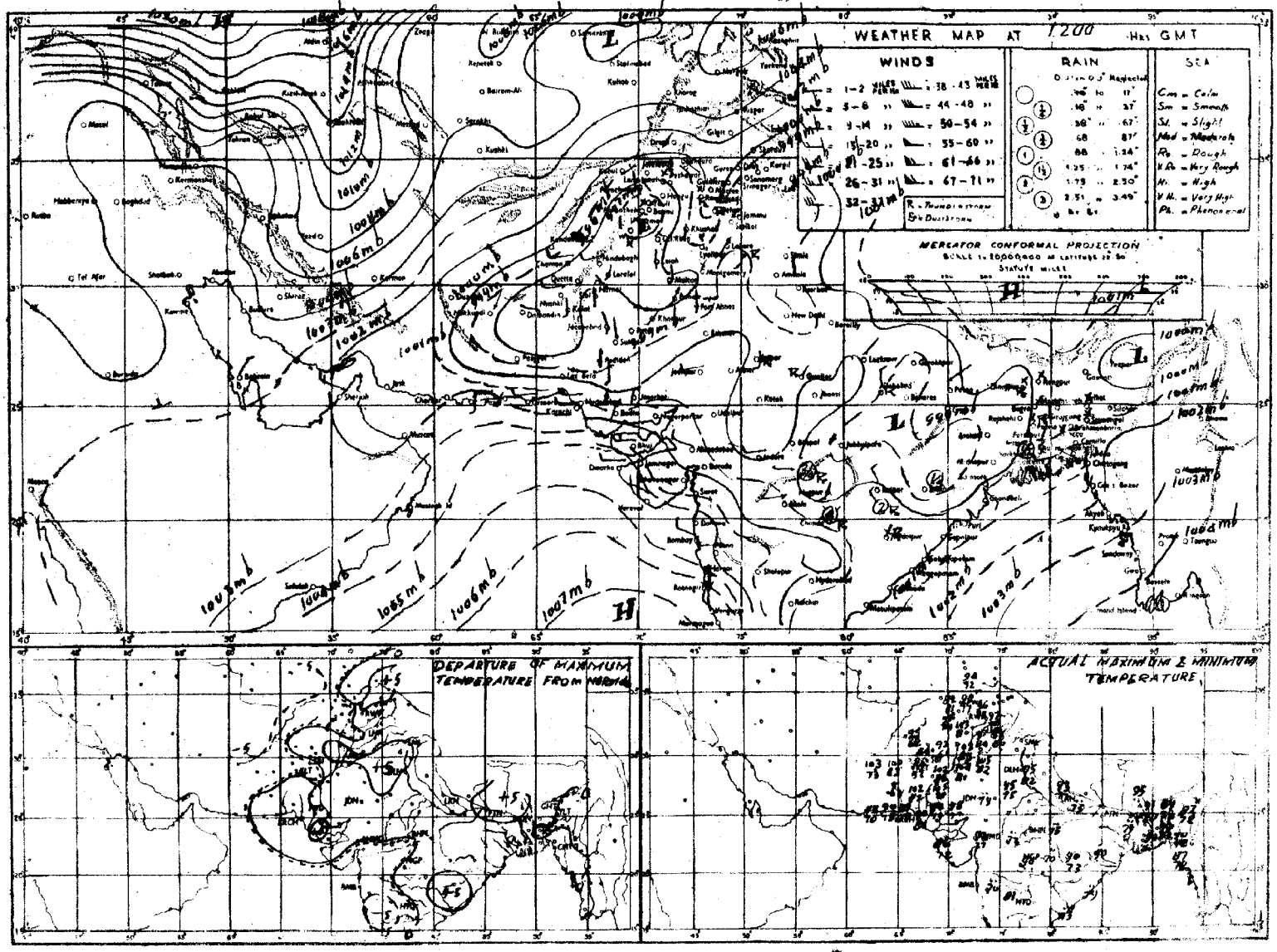
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd VrVr etc.)

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

PAKISTAN DAILY WEATHER MAP

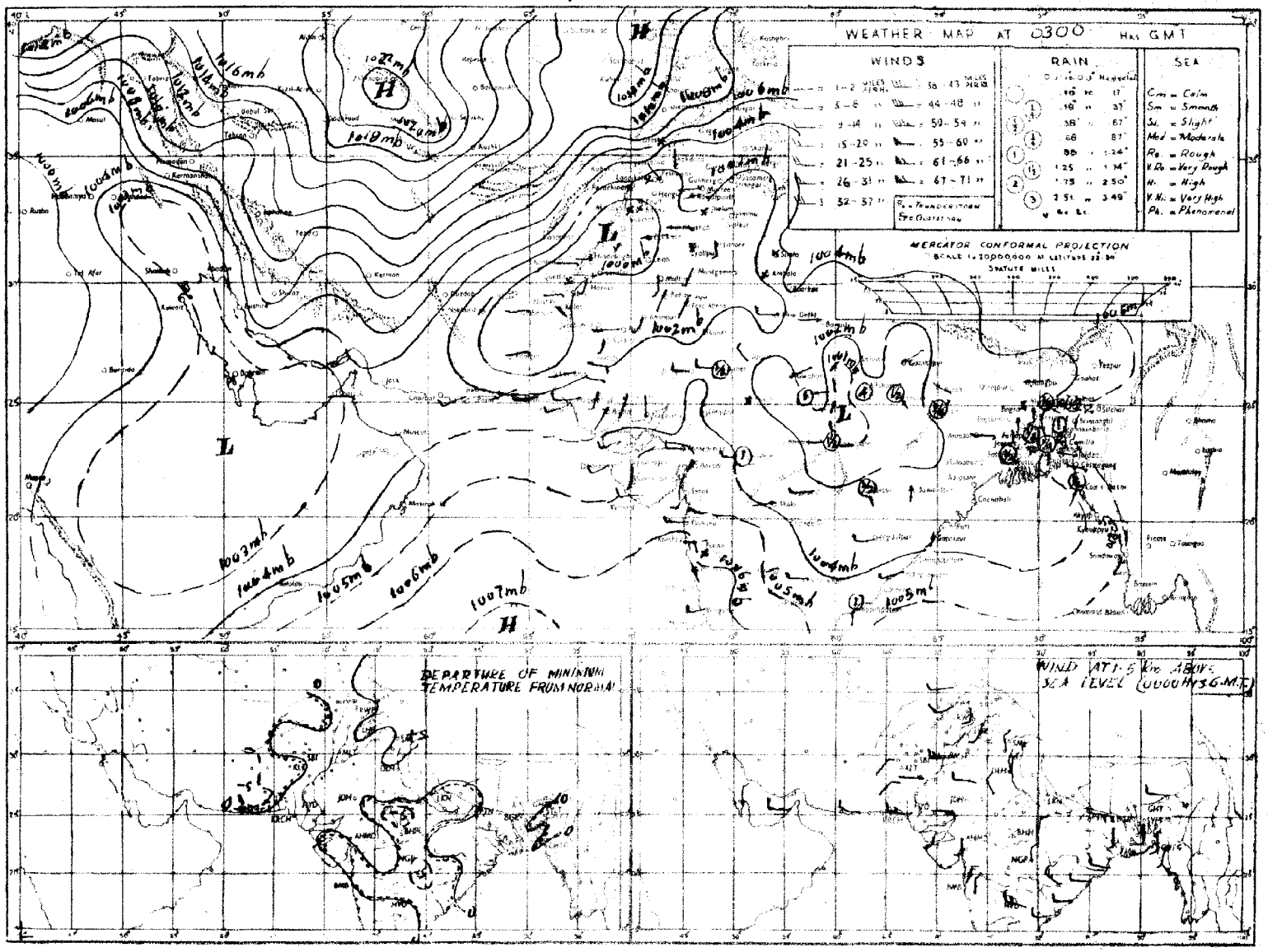
MONDAY 3rd SEPTEMBER, 1962.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 4th SEPTEMBER, 1962.



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

Monthly Subscription

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

WEDNESDAY THE 5th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Monsoon trough of low pressure runs across Uttar Pradesh to north Bay of Bengal.

Thunderstorm/showers have been fairly widespread in Chittagong and Dacca divisions and local in Rajshahi division.

Yesterday's westerly low pressure wave now lies over Rawalpindi and Peshawar divisions. Under its influence fairly widespread thunderstorm/showers have occurred in Rawalpindi division and scattered in Peshawar division.

Chief amounts of rainfall are :—Rawalpindi 1½"; Mymensingh 1"; Dacca and Murree 1/2" each and Chittagong 1/4".

Day temperatures were 3—5 °F (2—3 °C) above normal in Rajshahi, Khulna and Karachi divisions and in the southern districts of Dacca division.

Forecast valid until the evening of 6th September, 1962 :—Thunderstorm/showers will be fairly widespread in Rawalpindi, Sargodha, Chittagong and Dacca divisions and in Kashmir, local in Peshawar, Lahore and Rajshahi divisions and scattered in D. I. Khan, Multan and Khulna divisions.

Earthquake Report :—The Seisnrograph of Geophysical Institue, Quetta has recorded an earthquake of considerable intensity at 18 hours 33 minutes and 50 seconds WPST on 4th September 1962. The epicentre of the shock lies at a distance of about 1100 miles northwest of Quetta in western Iran. The shock comes from the series of earthquake that denastated Iran on Sunday. Another earthquake of considerable intensity was also recorded today at 04 hours 04 minutes and 03 second WPST. The epicentre of this shock lies at a distance of about 1600 miles northwest of Quetta probably in Turkey.

Karachi-11
The 5th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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 † 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	Rangamati	000	2	5	18	02	97	29	9	012	85	2	8	6	1	4	78	93
	Cox's Bazar	000	0	6	25	02	97	00	1	xxx	xx	x	x	9	x	x	78	87
	Chittagong	000	0	4	20	09	97	03	2	003	84	2	3	6	1	1	89	88
	Maijdee Court	000	9	3	18	05	97	03	0	002	85	3	0	9	2	0	78	89
	Comilla	000	0	3	18	05	96	02	1	977	87	3	2	5	0	0	88	92
	Brahmanbaria	010	0	4	00	00	97	02	1	997	88	4	4	5	0	0	84	92
	Sylhet	002	9	5	09	05	96	02	9	001	81	2	1	6	3	1	77	84
	Srimangal	000	0	1	00	00	94	29	0	015	86	4	4	3	0	0	79	89
Dacca	Mymensingh	040	3	8	00	00	97	02	9	081	83	8	7	4	x	x	80	88
	Narayanganj	000	1	7	00	00	96	03	5	003	85	6	4	3	3	0	77	92
	Dacca (Tezgaon)	000	0	5	23	05	97	03	6	992	87	2	8	5	5	0	78	89
	Faridpur	000	0	3	14	03	98	01	1	011	88	2	3	6	1	0	78	88
Khulna	Barisal	000	0	0	00	00	97	02	2	003	86	0	0	9	0	0	77	90
	Khulna	000	0	3	00	00	97	01	1	001	84	3	5	7	0	0	79	90
	Satkhira	000	0	4	00	00	97	03	2	021	86	2	4	6	2	0	80	93
	Jessore	000	0	2	18	02	97	02	2	012	87	2	4	6	0	0	81	92
Rajshahi	Pabna	000	0	3	13	05	99	01	3	998	87	1	6	6	0	1	78	91
	Sirajganj	000	0	3	18	03	97	01	1	993	86	3	1	4	0	1	79	88
	Bogra	000	0	6	00	00	96	03	2	991	88	5	4	6	1	1	78	92
	Dinajpur	000	0	5	00	00	96	01	1	986	88	2	1	7	0	9	80	93
	Rangpur	000	0	6	18	02	96	03	1	992	87	3	2	6	2	0	77	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	00	0	979	96	0	0	9	0	0	75	97
	Sialkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Jhelum	000	0	1	00	00	97	03	0	976	97	1	2	6	0	3	74	98
	Rawalpindi	000	0	2	27	02	98	05	0	967	94	3	3	6	0	0	68	95
	Campbellpur	000	0	0	13	02	98	00	0	038	91	0	0	9	0	0	83	xx
Sargodha	Khushab	000	0	0	09	02	97	00	0	969	98	0	0	9	0	0	80	99
	Lyallpur	000	0	5	00	00	97	02	3	939	99	5	0	9	4	0	71	99
Multan	Montgomery	000	0	0	00	00	97	00	0	971	98	0	0	9	0	0	76	01
	Multan	000	0	0	18	02	97	02	0	968	01	0	0	9	0	0	67	03
	Leiah	000	0	5	11	16	95	03	1	934	00	3	2	9	6	0	85	01
Bahawalpur	Khanpur	000	0	0	27	03	96	02	0	967	02	0	0	9	0	0	xx	04
	Bahawalpur	000	0	0	23	02	98	00	0	060	03	0	0	9	0	0	73	03
	Fort Abbas	000	0	0	13	04	98	00	0	970	96	0	0	9	0	0	67	07
Peshawar	Chakdara	000	0	0	18	02	97	00	0	944	91	0	0	9	0	0	75	93
	Peshawar	000	0	1	02	03	96	05	0	957	95	1	1	6	0	0	72	97
	Haripur	000	0	8	23	07	97	00	0	996	94	0	0	9	0	0	71	96
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	955	99	0	0	9	0	0	83	01
	D. I. Khan	000	0	0	00	00	98	00	0	959	02	0	0	9	0	0	73	04
Quetta	Sibi	000	0	0	18	02	98	00	0	966	06	0	0	9	0	0	64	07
Kalat	Nokkundi	000	0	0	34	09	97	02	0	969	99	0	0	9	0	0	27	01
	Turbat	000	0	0	27	04	98	00	0	973	05	0	0	9	0	0	72	06
	Jiwani	000	0	6	33	14	97	03	x	010	84	6	6	4	0	0	74	07
	Pasni	000	8	8	20	17	95	05	2	983	85	0	0	9	0	0	75	88
Karachi Division	Ormara	000	0	1	27	12	94	03	1	001	86	1	1	6	0	0	77	88
	Lasbela	000	0	4	00	00	98	04	0	070	87	4	0	9	4	0	65	05
	Karachi (Manora)	000	0	4	25	12	96	01	1	003	87	4	6	4	0	0	80	90
	Karachi (Airport)	000	0	4	25	12	96	01	1	006	86	4	5	6	0	0	73	83
Hyderabad	Nagarparkar	000	0	0	05	02	97	00	0	001	94	0	0	9	0	0	65	95
	Umarkot	000	0	2	23	02	98	02	0	987	95	2	2	7	0	0	73	98
	Hyderabad	000	0	0	20	01	97	01	0	975	93	0	0	5	0	0	73	99
	Badin	000	0	0	13	02	97	00	0	026	95	0	0	9	0	0	73	98
Khairpur	Padidan	000	0	0	00	00	98	02	0	971	04	0	0	9	0	0	67	04
	Nawabshah	000	0	0	23	02	96	02	0	982	03	0	0	9	0	0	71	04
	Sukkur	000	0	0	36	02	97	02	0	968	00	0	0	9	0	0	76	04
	Kashmore	000	0	0	00	00	99	00	0	013	96	0	0	9	0	0	64	98
	Jacobabad	000	0	0	13	02	97	02	0	970	00	0	0	9	0	0	91	02
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	2	18	03	97	02	0	398	48	2	6	6	0	0	xx	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **	xxx	x	2	36	07	97	02	0	409	73	2	8	8	0	0	28	77
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	008	9	8	13	05	96	05	1	438	66	8	9	3	x	x	65	75
Peshawar	Drosh *	000	0	2	23	10	98	03	0	390	93	2	1	7	0	0	49	96
	Cherat *	000	0	0	18	01	98	02	0	385	89	0	0	9	0	0	83	92
	Kakul *	000	8	2	20	03	95	05	1	430	87	2	2	7	0	0	66	85
	Landikotal *	000	0	1	13	03	97	04	0	009	91	1	1	7	0	0	68	96
	Parachinar *	000	0	3	13	02	99	00	0	450	83	2	6	9	1	0	58	65
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	422	94	0	0	9	0	0	66	97
	Wana *	000	0	5	00	00	99	01	1	517	86	5	0	9	5	0	46	92
Quetta	Fort Sandeman *	000	0	1	11	02	99	01	0	427	90	1	0	8	3	0	47	96
	Hindubagh *	000	0	0	25	05	97	00	0	396	90	0	0	9	0	0	45	92
	Loralai *	000	0	0	16	03	99	00	0	416	88	0	0	9	0	0	56	93
	Harnai *	000	0	0	00	00	97	00	0	413	95	0	0	9	0	0	55	96
	Quetta *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chaman *	000	0	0	27	05	98	00	0	413	96	0	0	9	0	0	28	97
	Nushki *	000	0	0	37	05	98	02	0	475	93	0	0	9	0	0	42	99
	Dalbandin *	000	0	0	13	03	96	02	0	445	91	0	0	9	0	0	52	03
Kalat	Kalat *	000	0	0	16	02	96	00	0	415	85	0	0	9	0	0	60	86
	Panjgur *	000	0	0	31	03	96	02	0	434	97	0	0	9	0	0	35	99
Afghanistan	Kabul *																	
	Kandhar *																	

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)
Rangamati	000	0	6	16	02	99	05	1	051	87	4	8	6	7	x	77	80
Cox's Bazar	011	0	8	20	09	97	03	2	040	81	4	4	5	7	x	78	79
Chittagong	022	2	8	18	05	97	62	6	036	83	8	7	4	x	x	79	79
Maijdee Court	000	9	6	00	00	97	03	2	057	78	1	2	5	2	2	78	76
Comilla	000	0	8	18	05	97	02	3	075	88	8	4	5	x	x	79	74
Brahmanbaria	010	0	6	13	02	97	03	1	xxx	xx	6	4	5	x	x	79	81
Sylhet	002	9	7	09	05	96	03	9	044	84	3	8	6	6	[illegible]	78	77
Srimangal	000	0	3	00	00	95	02	0	046	85	4	0	4	0	0	78	78
Mymensingh	113	3	8	13	02	97	02	6	048	87	8	7	4	0	0	79	77
Narayanganj	000	9	8	00	00	97	08	2	039	85	8	4	3	x	x	78	83
Dacca (Tezgaon)	046	1	7	18	02	97	95	6	036	78	8	3	3	2	x	77	78
Faridpur	015	0	8	00	00	96	57	6	074	83	7	5	5	1	0	79	80
Barisal	000	0	7	13	02	97	02	2	032	84	6	7	6	4	0	81	82
Khulna	000	0	7	00	00	97	03	2	038	84	7	5	4	0	0	78	80
Satkhira	000	0	5	00	00	97	03	2	053	86	2	2	6	2	0	79	79
Jessore	000	0	7	23	05	97	03	2	036	85	7	5	6	0	0	81	83
Pabna	000	9	6	18	05	96	03	9	036	85	8	3	7	0	1	81	82
Sirajganj	000	0	8	00	00	97	17	2	037	81	8	9	5	0	0	77	80
Bogra	004	9	7	13	02	96	02	6	035	85	3	5	5	2	0	79	79
Dinajpur	000	3	3	00	00	96	01	1	030	87	3	0	9	4	x	79	80
Rangpur	000	0	6	13	02	96	03	1	004	83	6	0	9	2	0	80	81
Jammu																	
Lahore (Jail Rd.)	000	0	2	00	00	96	03	0	010	87	2	4	7	0	0	74	79
Sialkot	000	0	2	00	00	97	02	0	975	95	2	0	9	0	3	77	87
Jhelum	000	1	6	05	03	97	29	9	021	79	3	3	6	7	0	73	78
Rawalpindi	131	4	8	02	05	97	61	9	022	71	8	5	6	0	0	71	70
Campbellpur	000	0	4	12	04	97	02	0	970	81	0	2	8	0	1	71	81
Khushab	000	0	0	07	05	96	05	0	008	83	0	0	9	5	9	79	80
Lyallpur	000	0	5	00	00	96	02	2	012	84	5	0	9	4	0	74	83
Montgomery	000	0	0	13	03	96	02	0	005	85	0	0	9	0	0	75	80
Multan	000	0	0	00	00	98	02	0	995	87	0	0	9	0	0	74	83
Leiah	000	0	0	13	04	97	00	0	002	87	0	0	9	0	0	75	81
Khanpur	000	0	0	23	05	98	50	5	003	95	0	0	9	0	0	75	81
Bahawalpur	000	0	0	20	02	98	00	0	005	86	0	0	9	0	0	76	xx
Fort Abbas	000	0	0	20	02	98	00	0	0 7	88	0	0	9	0	0	70	82
Chakdara	000	0	3	36	02	97	01	1	991	73	3	0	9	1	0	71	xx
Peshawar	000	0	1	34	03	96	05	0	007	83	0	0	9	0	1	73	79
Haripur	000	1	7	13	05	96	61	6	021	71	7	7	6	0	0	69	69
Bannu	000	0	0	00	00	99	00	0	977	84	0	0	9	0	0	71	80
D. I. Khan	000	0	0	05	02	98	00	0	994	86	0	0	9	0	0	76	81
Sibi	000	0	0	31	02	98	00	0	003	86	0	0	9	0	0	68	83
Nokkundi	000	0	0	05	02	98	02	0	030	80	0	0	9	0	0	43	76
Turbat	000	0	0	27	02	97	03	0	039	83	0	0	9	0	0	74	xx
Jiwani	000	0	5	00	00	96	03	0	030	81	5	6	4	0	0	73	75
Pasni	000	3	9	25	14	96	04	1	014	81	8	4	7	0	0	78	81
Ormara	000	0	6	27	09	94	03	1	077	80	8	3	5	0	0	77	79
Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi (Manora)	000	0	3	27	10	96	01	1	022	81	3	6	4	0	0	74	79
Karachi (Airport)	000	0	6	29	09	96	03	1	028	82	6	6	4	0	0	76	79
Nagarparkar	000	0	2	36	02	97	00	0	015	81	0	2	7	0	0	72	66
Umarkot	000	0	1	20	03	97	03	0	018	82	1	2	7	0	0	75	76
Hyderabad	000	0	0	23	09	97	02	0	011	81	0	0	9	0	0	73	79
Badin	000	0	0	23	02	97	03	0	044	83	0	0	9	0	0	74	78
Padidan	000	0	0	13	09	98	02	0	004	83	0	0	9	0	0	71	78
Nawabshah	000	0	0	18	06	96	02	0	009	83	0	0	9	0	0	83	77
Sukkur	000	0	0	23	03	97	02	0	003	83	0	0	9	0	0	73	79
Kashmore	000	0	0	00	00	99	00	0	994	78	0	0	9	0	0	64	72
Jacobabad	000	0	0	13	07	97	02	0	002	84	0	0	9	0	0	83	81
Srinagar	...	—	...	...	—	—	...	...	...	...	...	...	...	...	...	...	—
Leh	...	...	—	—	—	—	—	...	...	...	...	...	—	...	...	—	...
Murree	047	2	8	11	09	95	61	9	463	57	8	5	2	x	x	55	56
Drosh	000	0	2	10	00	97	05	4	444	77	2	2	6	0	0	61	73
Cherat	000	0	0	18	05	98	02	0	392	72	0	0	9	0	0	69	61
Kakul	013	5	8	13	07	95	95	9	458	66	8	9	5	x	x	69	65
Landikotal	000	0	1	01	00	97	03	0	431	79	0	0	9	0	0	68	72
Parachinar	000	0	0	00	00	99	00	0	458	69	0	0	9	0	0	57	66
Miranshah	000	0	0	00	00	99	00	0	431	82	0	0	9	0	0	64	76
Wana	000	0	0	00	00	99	00	0	509	78	0	0	9	0	0	59	67
Fort Sandeman	000	0	0	00	00	99	02	0	455	77	0	0	9	0	0	53	70
Hindubagh	000	9	0	27	03	97	00	0	440	75	0	0	9	0	0	49	62
Loralai	000	0	0	27	02	99	00	0	450	72	0	0	9	0	0	50	71
Harnai	000	0	0	00	00	97	00	0	422	81	0	0	9	0	0	61	75
Quetta	000	0	0	00	00	96	00	0	447	68	0	0	9	0	0	55	55
Chaman	000	0	0	00	00	98	00	0	437	78	0	0	9	0	0	25	67
Nushki	000	0	0	00	00	97	05	4	499	79	0	0	9	0	0	56	74
Dalbandin	003	0	0	07	03	93	05	4	449	77	0	0	9	0	0	42	76
Kalat	000	0	0	18	02	98	00	0	459	64	0	0	9	0	0	59	53
Panjgur	000	0	0	00	00	95	05	0	443	75	0	0	9	0	0	42	72

Departure from Normal of / Rainfall

Stations (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati	—	—	—	—	—	—
Cox's Bazar	+ 1	+ 3	91.6	— 6.4	103.3	140
Chittagong	+ 1	+ 3	66.1	— 1.8	79.6	108
Maijdee Court	+ 3	— 2	68.6	— 3.2	88.1	115
Comilla	+ 4	— 2	45.3	— 8.9	58.6	94
Brahmanbaria	—	—	40.0	— 0.6	87.7	78
Sylhet	—	—	87.1		144.2	—
Srimangal	— 1	+ 3	45.3	—	61.6	98
Mymensingh		— 1	45.8	+ 4.5	61.8	91
Narayanganj	+ 4	+ 4	34.5	— 6.1	51.8	74
Dacca (Tezgaon)	—	—	43.2	—	48.1	—
Faridpur	0	+ 1	30.1	— 9.5	43.4	71
Barisal	+ 3	+ 4	36.9	—11.4	50.8	81
Khulna	+ 2	+ 2	30.5	—11.7	38.2	68
Satkhira	+ 4	+ 1	41.7	+ 2.7	48.9	65
Jessore	—	—	30.6	— 6.5	40.8	65
Pabna	—	—	34.2	—	52.7	59
Sirajganj	0	+ 1	30.4	— 6.9	43.4	64
Bogra	+ 3	+ 1	36.5	— 4.4	49.0	69
Dinajpur	+ 4	+ 2	41.1	— 4.2	48.4	72
Rangpur	+ 3	+ 4	40.2	—10.2	62.4	84
Jammu						—
Lahore (Jail Rd.)	0	+ 3	7.9	— 5.0	14.3	19
Sialkot	[illegible]	+ 13	21.9	+ 1.0	26.4	32
Jhelum	—	—	18.2	—	34.3	
Rawalpindi	+ 2	— 3	25.0	+ 4.3	31.6	
Campbellpur	—	—	9.6	—	17.9	36
Khushab	0	+ 1	2.4	— 6.6	7.3	13
Lyallpur	+ 2	+ 5	5.8	— 2.6	9.4	12
Montgomery	0	0	7.5	+ 1.2	10.6	10
Multan	+ 4	+ 2	1.2	— 3.3	2.9	7
Leiah	—	—	1.7	—	3.5	8
Khanpur	+ 1	+ 2	3.3	— 1.3	4.3	6
Bahawalpur	+ 2	×	1.8	— 2.3	2.5	6
Fort Abbas	—	—	0.6	—	0.9	8
Chakdara	—	—	6.8	—	16.1	—
Peshawar	0	+ 2	1.7	— 2.0	8.3	11
Haripur	—	—	17.9	—	24.5	
Bannu	—	—	2.0	—	5.0	11
D. I. Khan	+ 3	+ 2	1.6	— 3.4	4.4	9
Sibi	—	—	2.6	—	3.7	5
Nokkundi	—	—	0	—	0.1	2
Turbat	—	—	1.8	—	4.4	—
Jiwani	—	—	1.2	—	1.9	5
Pasni	0	+ 7	0	— 0.9	0.2	4
Ormara	—	—	0.1	— 0.7	2.0	6
Lasbela	—					8
Karachi (Manora)	+ 4	+ 1	3.7	— 1.9	3.7	8
Karachi (Airport)	—	—	4.9	—	4.9	—
Nagarparkar	—	—	6.4	—	6.4	—
Umarkot	—	—	5.3	—	5.4	—
Hyderabad	+ 2	+ 1	4.3	— 1.2	5.1	7
Badin	+ 5	0	3.8	— 2.8	4.4	9
Padidan	—	—	2.2	—	2.8	—
Nawabshah	—	—	2.7	—	3.1	—
Sukkur	—	—	2.5	—	2.5	4
Kashmore	—	—	0.5	—	0.5	—
Jacobabad	— 1	+ 1	1.0	— 1.1	1.9	4
Veraval						20
Muscat						4
Kuwait						9
Srinagar	×					26
Gulmarg						—
Sonamarg						71
Dras						26
Leh	—					3
Skardu						6
Misgar						—
Aliabad						—
Gilgit						5
Murree	+ 6	0	26.2	— 5.4	44.5	59
Drosh	+ 5	+ 5	4.4	—	16.4	18
Cherat	+ 7	— 7	11.1	+ 0.4	35.2	29
Kakul	—	—	26.0	—	32.5	—
Landikotal		—	1.9	—	18.1	—
Parachinar	+ 1	+ 2	8.7	—	22.3	29
Miranshah	—	—	0.6	— 3.2	2.4	13
Wana	—	—	46	—	12.9	11
Fort Sandeman	0	0	5.0	+ 0.2	9.7	11
Hindubagh	—	—	0.8	—	4.8	—
Loralai	—	—	1.1	—	4.6	9
Harnai	—	—	4.4	— 2.4	7.6	14
Quetta		—	0.1	— 0.9	4.3	9
Chaman	+ 3	0	0	— 0.1	1.3	8
Nushki	—	—	0	—	1.6	—
Dalbandin	0	+ 11	0	— 0.2	1.1	4
Kalat	0	0	0.2	— 0.9	2.1	7
Panjgur	0	+ 4	0.3	—	1.3	5
Kabul						12
Kandhar						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 5th SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_aL_aL_a$ GG	N dd ff	VV ... W	PPP TT	$N_hC_hh_hC_a$	D_wV_sa BP	$S_wN_wC_wA_a$	$C_wH_wH_wT_a$	Id.d.P.H.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Shookokumara	—	—	—	34 108	997 00	2 22 18	97 0 30	090 79	11 8 NW	35 4 00	—	09 1 73	
Isidora	—	—	—	33 187	326 06	8 25 07	96 0 73	066 79	95 5 NW	16 3 04	—	05 5 68	12 8 21
Kulorachi	—	—	—	37 191	599 12	7 23 16	98 1 41	054 81	75 3 NW	—	—	08 0 77	12 4 33
World-Health	—	—	—	33 260	529 13	2 22 06	99 8 30	032 90	23 8 SE	75 7 30	—	05 2 63	13 2 21
Isidora	—	—	—	37 200	587 12	3 18 08	98 0 11	070 79	20 5 43	16 8 36	—	00 2 88	11 8 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
			HHHTTTTdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	012 272 245	—	—	149 195 135	—	309 128 085	444 070 008	585 585 558	763 553 623	984 653	—	—	—
Bonai														
Karachi	00 00	999 262 235	—	—	135 235 172	—	309 132 089	435 020 999	581 532 999	784 625 999	967 770	249 927	—	—
Lahore	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—	—
Multan														
Peshawar	00 00	959 272 202	—	—	139 228 165	—	306 098 078	434 035 999	577 540 999	—	—	—	—	—
Quetta	00 00	MISDA	—	—	—	—	—	—	—		—	—	—	—

STATION	Time of ascent in G.M.T.	At Significant Levels: PPPTTTTdTdTd								Max. Height Reached PPPTT iTdTdTd	TROPOPAUSE st.HHHHHTT	st. HHHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	000 262 262	900 215 175	800 172 512	492 005 555	350 605 702	—	—	—	—	350 605 702	—	—
Bonai													
Karachi	00 00	900 222 182	800 212 078	—	—	—	—	—	—	—	800 212 078	—	—
Lahore	03 00	MISDA	—	—	—	—	—	—	—	—	—	—	—
Multan													
Peshawar	00 00	900 258 175	800 172 100	—	—	—	—	—	—	—	800 172 100	—	—
Quetta	00 00	MISDA	—	—	—	—	—	—	—	—	—	—	—

PPP—Pressure in hundreds and units of millibars.
TTT; (TdTdTd): Dry Bulb; Dew Point temperatures (in tenth s of °C.)
Ba—Character of tropopause.

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date* (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 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 08	20 09	17 08	16 08	15 07	18 03	18 09	20 09	24 10	18 07	17 06	17 05	—	—	—	10 11	10 09	18 09	05 07	09 07	14 04	—	—	—	—	—
Chaklala	—	22 04	24 05	28 03	29 04	34 06	30 09	35 03	36 06	—	28 04	14 07	20 06	—	—	—	—	—	—	—	—	—	—	—	—	—
Chhor	23 13	21 08	21 12	21 08	21 01	31 05	29 08	36 08	03 08	22 19	24 20	—	—	—	—	21 15	21 18	24 18	—	—	—	—	—	—	—	—
Chittagong	22 15	22 13	23 09	18 07	14 07	16 05	12 05	19 05	17 03	15 05	18 03	19 07	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cox's Bazar	23 05	23 08	23 04	21 01	—	—	—	—	—	19 03	24 04	27 05	28 03	24 03	17 03	—	—	—	—	—	—	—	—	—	—	—
Dacca	18 07	17 08	17 07	15 06	16 06	15 10	20 08	20 13	22 12	22 08	22 07	21 06	18 06	17 04	—	10 03	12 03	12 03	17 05	—	—	—	—	—	—	—
Dalbandin	—	—	21 08	17 06	15 08	09 03	06 03	—	—	—	—	24 06	36 03	33 01	35 05	—	—	07 12	09 08	—	—	—	—	—	—	—
D.I. Khan	—	—	—	—	—	—	—	—	—	—	—	—	25 04	30 03	26 05	—	—	—	—	23 01	19 01	21 05	21 05	25 15	—	—
Drosh	—	—	—	—	22 12	21 15	21 12	20 17	20 25	—	—	—	21 01	31 05	35 14	—	—	—	05 01	35 03	35 08	35 05	19 03	35 07	02 15	35 01
Fort Sandeman	—	—	—	09 06	01 03	30 05	09 09	36 08	03 08	—	—	—	30 04	32 05	35 11	18 09	21 05	16 06	16 04	25 04	35 06	35 06	04 13	09 11	08 13	05 13
Jacobabad	14 02	19 04	13 03	06 05	05 09	02 10	02 08	05 10	01 08	20 10	22 06	26 04	—	—	—	23 07	23 07	22 07	—	—	—	—	—	—	—	—
Jessore	20 19	17 17	15 11	14 04	15 09	—	—	—	—	20 07	—	—	—	—	—	36 07	03 07	03 10	08 07	24 06	29 03	29 06	—	—	—	—
Jhelum	20 02	17 03	17 03	20 06	31 07	32 05	30 06	33 09	32 02	—	—	—	—	—	—	35 08	26 03	02 05	02 07	02 06	04 04	07 04	11 06	35 15	02 11	38 11
Hyani	22 09	14 03	19 02	11 04	01 10	36 07	26 12	33 07	31 10	23 07	23 06	24 04	34 05	33 09	03 89	27 17	27 15	27 21	—	—	—	—	—	—	—	—
Karachi	25 17	27 14	27 14	—	—	—	—	—	—	—	—	—	—	—	—	21 17	21 01	20 12	21 08	18 04	35 04	04 11	01 10	—	—	—
Khanpur	24 08	33 10	22 11	18 03	19 04	07 05	03 09	02 19	04 15	12 15	22 18	24 13	24 08	24 05	23 04	24 01	20 02	21 03	21 04	22 06	—	—	—	—	—	—
Lahore	29 03	28 04	29 03	33 03	34 08	34 08	34 08	36 05	04 17	20 07	20 08	18 08	16 05	01 01	34 07	21 09	21 15	22 19	19 10	19 10	12 02	33 11	02 14	32 06	—	—
Multan	22 10	22 11	21 09	20 06	33 03	36 07	36 13	36 18	31 10	22 20	21 23	22 23	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Muscat	—	—	—	08 05	02 02	27 04	23 03	15 07	33 05	—	—	—	35 08	31 02	14 05	—	—	—	35 03	01 19	—	—	—	—	—	—
Panjgur	—	—	—	—	—	—	—	—	—	—	30 02	03 02	35 02	23 07	—	—	02 06	03 06	35 05	29 09	26 10	29 13	28 08	35 08	11 04	23 06
Peshawar	—	05 09	14 07	18 12	21 13	31 13	32 13	34 13	32 15	—	—	—	—	28 05	29 06	—	—	—	—	32 07	34 17	34 17	33 93	15 12	15 15	05 16
Quetta	—	—	—	—	30 05	33 05	04 04	10 03	03 05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sylhet	09 07	14 03	17 03	17 03	23 03	23 07	22 10	25 11	06 02	10 07	14 03	17 02	—	—	—	09 02	12 01	13 02	13 05	16 04	20 04	20 09	20 10	—	—	—
Veraval	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

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

Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	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	21 07	18 06	17 05	18 06	20 08	22 08	06 04	26 04	—	28 15	28 20	—	—	—	—	—	—
Karachi	26 23	27 17	30 15	30 12	34 15	35 13	05 17	03 19	32 12	27 14	32 19	31 27	—	—	—	—	—	—
Peshawar	—	01 07	06 07	17 17	33 23	33 06	33 08	03 05	12 49	33 11			—	—	—	—	—	—
Quetta																		

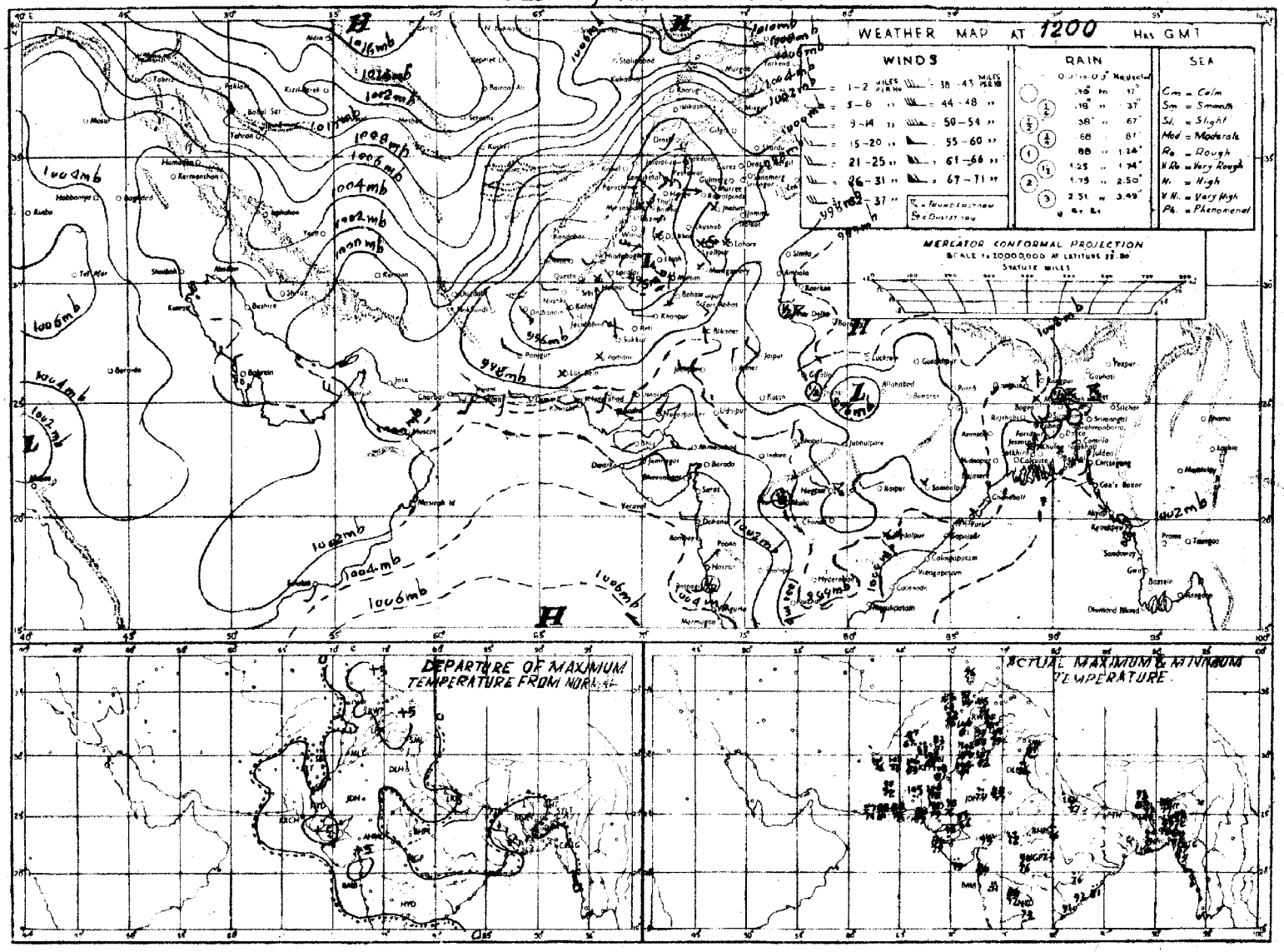
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

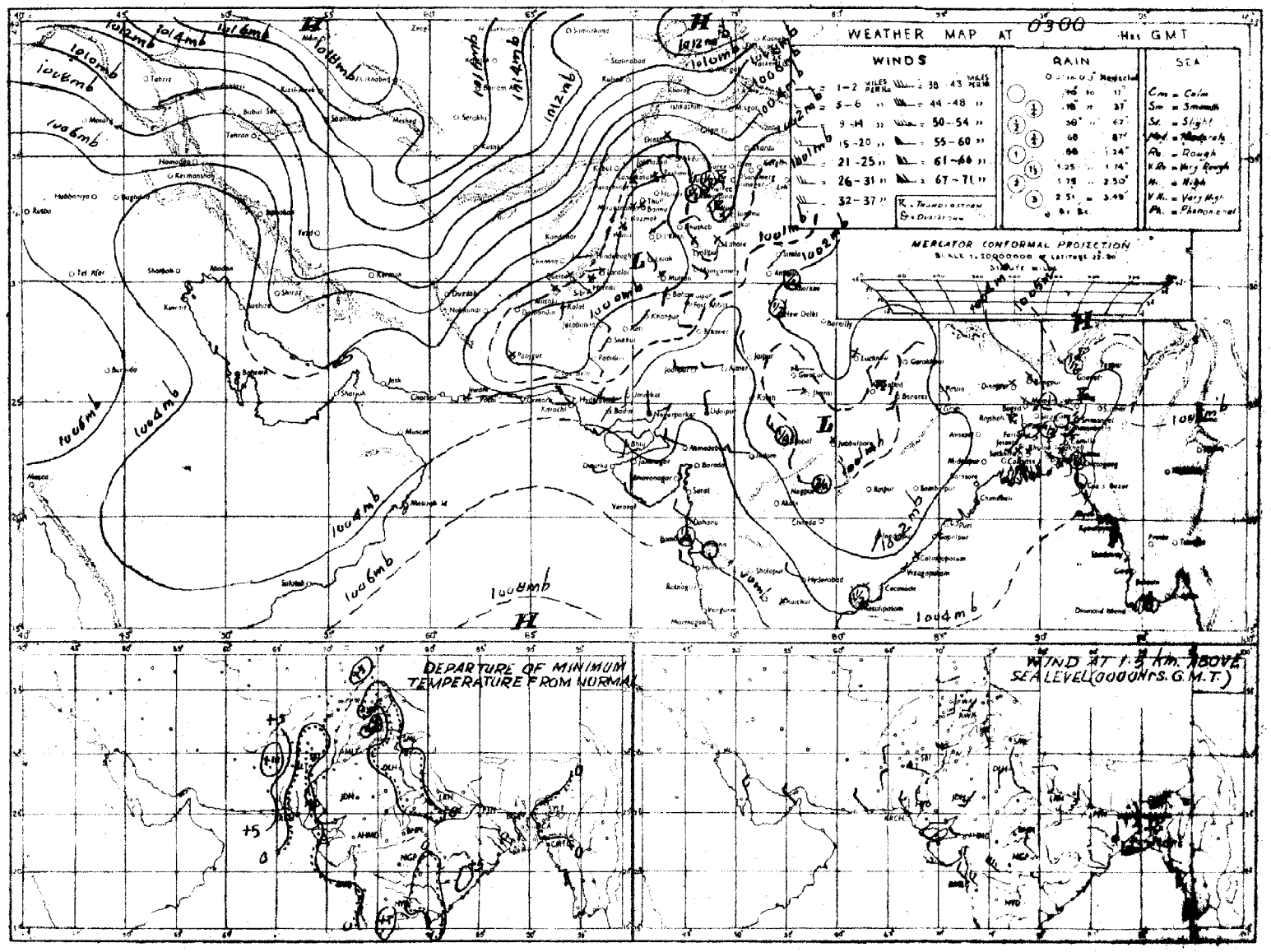
TUESDAY, 4th SEPTEMBER, 1962.



Rainfall amounts indicated in the above chart refer to past 19 hours.

PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 5th SEPTEMBER, 1962.



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

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Reg. No. S-1457
Volume No. 16

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 6th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

An easterly low pressure wave is moving across Burma into North Andaman Sea.

Rain/thundershowers have been local in East Pakistan.

Yesterday's westerly low pressure wave over Peshawar and Rawalpindi divisions is moving away across Kashmir.

Another westerly low pressure wave to day lies over Peshawar division and adjoining areas.

These have caused local thunderstorm/showers in Rawalpindi division and scattered in Sargodha and Peshawar divisions.

Chief amounts of rainfall are :—Parachinar 2", Pabna 1½", Chittagong, Sylhet, Dacca and Haripur 1" each, Faridpur ¾", Dinajpur and Rawalpindi ½" each and Barisal and Khulna ¼" each.

Day temperatures were 3—4 °F (2 °C) below normal in Rawalpindi division and to the same extent above normal in Khulna division, and in the southern parts of Dacca division.

Forecast valid until the evening of 7th September, 1962 :—Fairly widespread thunderstorm/showers will occur in Rawalpindi division and in Kashmir, local in Peshawar, Sargodha and Chittagong divisions and scattered elsewhere in East Pakistan and in Lahore and Multan divisions.

Karachi-11
The 6th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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 † Wt (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	Wind speed in Knots ff (7)	Horizontal visibility † vv (8)	Present weather † ww (9)	Past weather † W (10)	Sea level pressure (mbs. and tenths) PPP (11)	Dry Bulb temperature °F TT (12)	Amount of Lowest Cloud Nh (13)	Low Cloud form † CL (14)	Height of Lowest Cloud † h (15)	Medium Cloud form † CM (16)	High Cloud form CH (17)	Dewpoint temperature °F TdTd (18)	Maximum temperature °F TxTx (19)
Chittagong	Rangamati	—	000	0	4	23	02	97	05	1	006	87	1	8	6	6	4	72	93
	Cox's Bazar	—	004	6	6	29	05	97	01	6	996	85	4	9	6	0	8	79	89
	Chittagong	—	122	7	2	00	00	97	01	6	994	84	2	0	9	2	0	78	89
	Maijdee Court	—	000	9	6	18	05	97	02	2	998	86	4	2	8	2	0	80	90
	Comilla	—	000	0	8	18	05	96	02	2	976	85	8	4	4	x	x	81	92
	Brahmanbaria	—	000	0	4	00	00	97	03	0	998	87	4	4	5	0	0	83	90
	Sylhet	—	000	0	4	00	00	96	02	1	993	89	2	3	6	0	1	81	91
	Srimangal	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	—	000	0	6	00	00	97	02	2	999	87	6	4	4	0	0	77	88
	Narayanganj	—	000	9	6	00	00	96	03	1	993	87	2	4	6	0	8	79	89
	Dacca (Tezgaon)	—	000	8	3	00	00	97	03	9	989	86	1	3	6	0	1	79	88
	Faridpur	—	000	0	4	16	02	96	01	1	019	89	3	4	6	1	0	81	89
Khulna	Barisal	—	020	4	8	18	05	97	03	6	035	86	8	7	6	x	v	77	91
	Khulna	—	024	4	6	00	00	96	01	6	964	83	6	5	5	0	0	82	xx
	Satkhira	—	000	0	7	00	00	96	02	2	010	87	4	4	4	2	0	77	92
	Jessore	—	000	0	6	36	02	96	03	1	011	82	4	4	5	6	0	79	88
Rajshahi	Pabna	—	000	8	7	00	00	97	01	9	988	85	3	0	9	2	6	79	89
	Sirajganj	—	000	0	7	00	00	97	02	1	xxx	84	7	0	9	4	0	77	xx
	Bogra	—	007	6	7	00	00	96	02	6	988	85	3	4	5	1	1	78	90
	Dinajpur	—	048	5	4	00	00	96	01	9	997	82	4	0	9	2	0	81	89
	Rangpur	—	016	2	5	09	02	96	01	6	996	84	6	0	9	2	0	78	92
Kashmir	Jammu	—																	
Lahore	Lahore (Jail Rd.)	—	000	3	4	05	02	96	03	9	981	91	3	0	9	7	1	75	99
	Sialkot	—	000	7	0	00	00	97	00	5	972	93	0	0	9	0	0	74	93
Rawalpindi	Jhelum	—	000	4	2	00	00	97	02	1	975	96	1	1	7	6	0	73	97
	Rawalpindi	—	019	6	0	00	00	99	00	6	983	87	0	0	9	0	0	74	89
	Campbellpur	—	000	0	0	00	00	98	00	0	968	92	0	0	9	0	0	81	91
Sargodha	Khushab	—	000	0	3	13	09	96	05	4	975	99	3	0	8	6	0	81	96
	Lyallpur	—	000	0	5	00	00	96	02	3	979	89	5	0	9	4	0	68	99
Multan	Montgomery	—	000	0	2	13	02	96	03	0	973	97	2	2	8	0	0	71	03
	Multan	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Leiah	—	000	3	3	18	06	96	02	0	936	03	0	0	9	0	2	87	06
Bahawalpur	Khanpur	—	000	0	0	00	00	95	05	0	914	01	0	0	9	0	0	69	04
	Bahawalpur	—	000	0	0	20	02	98	00	0	957	03	0	0	9	0	0	73	04
	Fort Abbas	—	000	0	0	13	04	98	00	0	972	97	0	0	9	0	0	67	06
Peshawar	Chakdara	—	000	0	2	18	02	97	01	1	941	83	2	1	7	0	0	72	93
	Peshawar	—	000	0	2	19	05	96	06	0	967	92	1	9	6	0	1	71	95
	Haripur	—	000	0	0	25	01	97	00	0	977	87	0	0	9	0	0	71	87
D. I. Khan	Bannu	—	000	0	0	00	00	99	00	0	841	99	0	0	9	0	0	69	01
	D. I. Khan	—	000	0	0	00	00	98	00	0	957	03	0	0	9	0	0	75	03
Quetta	Sibi	—	000	0	0	02	02	98	00	0	950	05	0	0	9	0	0	61	07
Kalat	Nokkundi	—	000	0	0	34	05	98	02	0	967	00	0	0	9	0	0	39	02
	Turbat	—	000	0	0	31	04	97	00	0	975	04	0	0	9	0	0	69	05
	Jiwani	—	000	0	0	23	12	97	02	0	004	85	0	0	9	0	0	73	90
	Pasni	—	000	8	8	23	06	95	02	1	001	86	2	0	9	4	3	78	90
Karachi Division	Ormara	—	000	0	2	27	10	94	03	1	992	84	2	1	6	0	0	78	68
	Lasbela	—	000	0	4	00	00	98	04	0	xxx	xx	4	0	9	4	0	84	06
	Karachi (Manora)	—	000	0	4	25	12	96	01	1	998	85	4	6	4	0	0	78	83
	Karachi (Airport)	—	000	0	6	27	10	96	03	1	000	86	4	5	6	3	0	77	87
Hyderabad	Nagarparkar	—	000	0	0	05	02	97	00	0	002	94	0	0	9	0	0	67	96
	Umerkot	—	000	0	0	23	03	98	02	0	979	97	0	0	9	0	0	74	98
	Hyderabad	—	000	0	0	20	10	97	02	0	965	94	0	0	9	0	0	72	99
	Badin	—	000	0	0	23	02	97	00	0	023	95	0	0	9	0	0	72	98
Khairpur	Padidan	—	000	0	0	33	05	98	02	0	967	04	0	0	9	0	0	61	05
	Nawabshah	—	000	0	0	18	05	96	03	0	929	03	0	0	9	0	0	69	03
	Sukkur	—	000	0	0	15	02	97	02	0	965	00	0	0	9	0	0	74	03
	Kashmore	—	000	0	0	00	00	99	00	0	998	97	0	0	9	0	0	67	xx
	Jacobabad	—	000	0	0	13	05	97	02	0	968	01	0	0	9	0	0	83	02
Junagadh	Veraval	—																	
Afghanistan	Jalalabad	—																	
Arabia	Muscat	—																	
	Kuwait	—																	
	HILL STATIONS																		
Kashmir	Srinagar	* —																	
	Gulmarg	** —																	
	Sonamarg	** —																	
	Dras	** —																	
	Leh	** —																	
	Skardu	* —																	
	Misgar	** —																	
	Aliabad	* —																	
	Gilgit	* —																	
Rawalpindi	Murree	* —	003	3	5	27	02	97	02	6	427	70	5	1	3	0	0	65	70
Peshawar	Drosh	* —	000	8	4	23	09	96	05	4	402	87	3	2	7	6	0	53	95
	Cherat	* —	000	0	3	18	01	98	03	1	384	83	3	3	6	0	0	83	93
	Kakul	* —	015	1	2	34	02	96	02	6	429	80	2	2	7	0	0	65	62
	Landikotal	* —	000	0	1	13	02	97	03	0	408	85	1	1	7	0	0	71	97
	Parachinar	* —	026	1	7	05	02	98	20	2	427	78	7	7	6	0	0	61	84
D. I. Khan	Miranshah	* —	000	0	0	00	00	99	00	0	420	92	0	0	9	0	0	71	96
	Wana	* —	000	0	6	05	02	99	01	1	517	85	6	0	9	5	0	58	92
Quetta	Fort Sandeman	* —	000	0	0	01	02	99	02	0	420	91	0	0	9	0	0	53	96
	Hindubagh	* —	000	0	0	29	09	97	00	0	390	91	0	0	9	0	0	32	93
	Loralai	* —	000	0	0	20	03	99	00	0	404	90	0	0	9	0	0	52	92
	Harnai	* —	000	0	2	16	05	97	03	0	411	95	2	1	5	0	0	55	96
	Quetta	* —	000	0	0	31	02	97	00	0	410	87	0	0	9	0	0	46	89
	Chaman	* —	000	0	0	27	07	98	00	0	409	93	0	0	9	0	0	29	94
	Nushki	* —	000	9	0	27	05	97	05	4	475	97	0	0	9	0	0	46	06
	Dalbandin	* —	000	8	0	05	05	93	05	4	445	00	0	0	9	0	0	51	02
Kalat	Kalat	* —	000	0	0	34	02	96	00	0	423	81	0	0	9	0	0	76	86
	Panjgur	* —	000	0	0	36	04	95	05	0	436	95	0	0	9	0	0	45	97
Afghanistan	Kabul	* —																	
	Kandhar	* —																	

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

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)
Rangamati	001	3	6	36	02	97	05	6	040	88	4	8	7	6	4	79	81
Cox's Bazar	004	0	7	00	00	97	03	2	028	87	4	4	5	9	8	79	81
Chittagong	122	0	4	05	03	97	02	2	027	80	3	3	6	0	1	80	79
Maijdee Court	000	0	8	18	02	97	02	2	012	88	8	4	4	x	2	81	70
Comilla	000	0	8	18	02	97	02	2	012	88	8	4	4	x	2	81	70
Brahmanbaria	000	0	5	18	03	97	03	1	035	87	5	4	5	0	0	80	72
Sylhet	120	9	7	09	05	96	29	9	040	80	4	4	6	2	0	77	74
Srimangal	000	0	4	09	12	95	03	2	037	84	4	0	3	x	x	79	80
Mymensingh	003	0	8	13	02	97	02	1	041	xx	x	x	x	x	x	xx	xx
Narayanganj	0.0	9	8	05	00	97	02	2	064	87	6	4	3	3	x	83	82
Dacca (Tezgaon)	095	3	7	00	00	97	95	9	029	80	3	3	5	2	0	79	77
Faridpur	069	3	6	00	00	95	95	1	045	80	2	9	5	1	0	79	60
Barisal	020	9	6	27	01	97	02	5	031	86	6	0	9	4	0	79	81
Khulna	024	0	5	00	01	97	01	2	034	86	5	5	6	0	0	81	81
Satkhira	000	0	6	00	03	97	03	2	035	85	3	4	6	2	0	79	81
Jessore	000	0	6	00	00	97	03	2	036	84	6	5	6	0	0	81	80
Pabna	125	9	0	00	00	97	97	9	030	80	x	x	x	x	x	79	80
Sirajganj	000	0	4	00	00	98	03	1	033	88	5	9	5	4	0	80	80
Bogra	000	0	7	00	00	96	03	2	034	xx	4	4	5	x	x	79	81
Dinajpur	048	3	4	00	00	96	01	1	033	86	4	0	9	4	x	80	78
Rangpur	016	0	5	13	02	96	02	1	036	86	5	4	6	0	0	82	81
Jammu																	
Lahore (Jail Rd.)	000	0	3	13	02	96	02	0	015	88	3	0	9	7	0	76	80
Sialkot	000	0	4	00	00	97	03	2	017	64	4	5	6	0	0	77	78
Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	039	4	8	02	02	96	97	6	034	73	8	5	6	x	x	71	70
Campbellpur	000	0	4	07	04	98	02	1	971	79	2	2	8	0	3	72	79
Khushab	000	0	6	09	10	96	02	2	016	85	3	5	6	7	0	81	64
Lyallpur	000	0	0	16	02	96	00	0	011	83	0	0	9	0	0	73	83
Montgomery	000	0	2	23	02	96	03	0	003	87	0	0	9	0	1	72	81
Multan	000	0	0	18	05	98	02	0	994	86	0	0	9	0	0	73	84
Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khanpur	000	0	1	23	07	95	05	0	006	85	1	0	9	3	0	73	82
Bahawalpur	000	0	0	20	02	98	00	0	018	87	0	0	9	0	0	76	xx
Fort Abbas	000	0	0	27	02	96	00	0	012	93	0	0	9	0	0	69	82
Chakdara	000	0	4	27	02	96	03	0	004	76	4	3	7	0	0	73	73
Peshawar	000	0	4	36	05	96	05	1	017	80	4	9	6	0	0	75	78
Haripur	105	6	8	05	01	95	60	6	032	73	8	7	6	x	x	71	70
Bannu	000	0	0	00	00	99	00	0	983	82	0	0	9	0	0	76	81
D. I. Khan	000	0	0	05	02	98	00	0	999	85	0	0	9	0	0	75	81
Sibi	000	0	0	13	02	97	05	0	033	87	0	0	9	0	0	75	84
Nokkundi	000	0	0	36	02	98	02	0	026	80	0	0	9	0	0	30	76
Turbat	000	0	0	27	02	97	03	0	006	82	0	0	9	0	0	74	xx
Jiwani	000	0	4	23	05	97	03	0	031	79	4	6	4	0	0	74	75
Pasni	000	3	8	03	00	97	03	4	021	79	8	4	7	x	x	78	78
Ormara	000	0	8	25	05	94	03	2	017	81	8	1	6	x	x	77	79
Lasbela	000	0	4	xx	xx	98	04	0	949	84	4	0	9	4	0	79	xx
Karachi (Manora)	000	0	6	25	09	96	03	2	021	83	6	6	4	0	0	71	78
Karachi (Airport)	000	0	8	27	07	96	03	2	027	87	8	6	5	x	x	77	79
Nagarparkar	000	0	2	00	00	97	00	0	020	82	0	2	7	0	0	75	66
Umerkot	000	0	0	20	03	97	02	0	020	82	0	0	9	0	0	75	76
Hyderabad	000	0	1	23	12	97	03	0	015	83	1	5	6	0	0	75	79
Badin	000	0	0	23	02	97	03	0	053	82	0	0	9	0	0	76	78
Padidan	000	0	0	13	07	98	02	0	006	81	0	0	9	0	0	73	77
Nawabshah	000	0	0	13	05	96	03	0	014	81	0	0	9	0	0	75	77
Sukkur	000	0	0	20	03	97	02	0	005	83	0	0	9	0	0	73	79
Kashmore	000	0	0	03	00	99	00	0	986	84	0	0	9	0	0	65	70
Jacobabad	000	0	0	13	05	96	02	0	006	85	0	0	9	0	0	79	81
Murree	003	9	6	27	02	96	03	1	461	60	8	5	4	x	x	51	56
Drosh	000	9	2	0	00	98	03	4	447	74	1	1	6	4	0	59	72
Cherat	000	0	7	18	07	98	03	0	391	69	0	0	9	0	6	69	61
Kakul	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Landikotal	000	0	6	0	00	97	03	0	438	77	6	5	7	0	0	69	72
Parachinar	180	0	0	00	00	99	00	6	458	67	0	0	9	0	0	57	61
Miranshah	000	0	0	00	00	99	00	0	439	80	0	0	9	0	0	67	76
Wana	000	0	0	00	00	99	00	0	613	74	0	0	9	0	0	57	66
Fort Sandeman	000	0	0	00	00	99	02	0	455	76	0	0	9	0	0	56	71
Hindubagh	000	0	0	25	09	97	00	0	426	75	0	0	9	0	0	58	66
Loralai	000	0	0	00	03	99	00	0	429	74	0	0	9	0	0	54	60
Harnai	000	0	0	05	05	97	00	0	422	80	0	0	9	0	0	63	75
Quetta	000	0	0	00	00	56	00	0	464	70	0	0	9	0	0	56	62
Chaman	000	0	0	13	05	98	00	0	428	80	0	0	9	0	0	30	68
Nushki	000	0	0	27	05	97	05	4	488	74	0	0	9	0	0	62	73
Dalbandin	000	9	0	34	02	93	05	4	446	75	0	0	9	0	0	43	70
Kalat	000	0	0	18	02	96	00	0	477	63	0	0	9	0	0	58	53
Panjgur	000	0	0	00	00	95	05	0	451	78	0	0	9	0	0	45	74

Departure from Normal of (37–38) and Rainfall (39–42)

Stations	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual normal (42)
Rangamati	—	—	—	—	—	—
Cox's Bazar	+ 3	+ 5	91.5	— 7.2	102.3	140
Chittagong	+ 2	+ 3	67.1	— 1.4	80.6	108
Maijdee Court	+ 4	— 7	45.3	— 9.3	58.5	115
Comilla	+ 4	— 7	45.3	— 9.3	58.5	94
Brahmanbaria	—	—	40.0	— 1.0	57.7	78
Sylhet	—	—	88.3	—	12.4	—
Srimangal		+ 5	—	—		98
Mymensingh	0	x	44.7	— 7.1	60.7	91
Narayanganj	+ 1	+ 3	34.5	— 6.5	54.8	74
Dacca (Tezgaon)	—	—	43.7		48.6	—
Faridpur	+ 1	+ 1	30.7	— 9.4	44.0	71
Barisal	+ 4	+ 3	37.2	— 11.5	51.0	81
Khulna	—	+ 3	—		—	68
Satkhira	+ 3	+ 3	41.7	+ 2.3	48.9	65
Jessore	—	—	30.6	— 6.8	40.8	65
Pabna	—	—	35.5	—	54.0	59
Sirajganj	—	+ 2	30.4	— 7.2	43.4	64
Bogra	+ 1	+ 3	36.1	— 4.9	49.0	69
Dinajpur	0	0	—	—	—	72
Rangpur	+ 3	+ 3	43.4	— 11.7	62.4	84
Jammu						—
Lahore (Jail Rd.)	+ 2	+ 5	7.9	— 5.2	14.3	19
Sialkot	— 1	+ 2	21.9	+ 0.9	26.4	32
Jhelum	—					
Rawalpindi	— 4	— 1	24.1	— 3.2	30.7	36
Campbellpur	—		9.6	—	17.9	—
Khushab	— 3	+ 5	2.4	— 6.9	7.3	15
Lyallpur	+ 2	+ 6	5.6	— 2.7	9.4	12
Montgomery	+ 2	+ 2	7.5	+ 1.1	10.6	10
Multan	—	+ 4	1.2	— 3.3	2.9	7
Leiah	—					8
Khanpur	+ 1	+ 4	3.3	— 1.4	4.3	6
Bahawalpur	+ 3	—	1.8	— 2.3	2.5	6
Fort Abbas	—		0.6	—	0.9	8
Chakdara	—	—	6.8	—	16.1	—
Peshawar	— 2	+ 4	1.7	— 2.1	8.3	11
Haripur	—		18.8	—	25.5	—
Bannu	—	—	2.0	—	5.0	11
D. I. Khan	+ 2	+ 3	1.6	— 3.5	4.4	9
Sibi	—	—	2.6	—	3.7	5
Nokkundi	—	—	0	—	0.1	2
Turbat	—	—	1.8	—	4.6	—
Jiwani	—	—	1.2	—	1.9	5
Pasni	+ 2	+ 6	0	— 0.9	0.2	6
Ormara	—	—	0.1	— 0.7	3.0	6
Lasbela	—	—	0	—	0	8
Karachi (Manora)	+ 2	0	3.7	— 1.9	3.7	8
Karachi (Airport)	—	—	4.9	—	4.9	—
Nagarparkar	—	—	—	—	—	—
Umerkot	—	—	5.3	—	5.4	—
Hyderabad	+ 2	+ 2	4.3	— 1.2	5.1	7
Badin	+ 5	0	3.8	— 2.9	4.4	9
Padidan	—	—	2.2	—	2.8	—
Nawabshah	—	—	2.7	—	3.1	—
Sukkur	—	—	2.5	—	2.5	4
Kashmore	—	—	0.5	—	0.5	—
Jacobabad	— 1	+ 2	1.0	— 1.1	1.9	4
Veraval						20
Jalalabad						
Muscat						4
Kuwait						5
Srinagar						26
Gulmarg						—
Sonamarg						71
Dras						28
Leh						3
Skardu						6
Misgar						—
Aliabad						—
Gilgit						5
Murree	+ 1	— 1	25.7	— 6.0	44.1	59
Drosh	+ 4	+ 5	4.4	—	16.4	18
Cherat	+ 8	— 6	11.1	+ 0.3	35.2	29
Kakul	—					—
Landikotal		—	1.9	—	18.1	—
Parachinar	+ 1	— 1	10.5	—	24.0	29
Miranshah	—	—	0.6	— 3.3	2.4	13
Wana	—	—	46	—	12.9	11
Fort Sandeman	0	+ 3	5.0	+ 0.2	9.7	11
Hindubagh	—	—	0.6	—	4.6	—
Loralai	—	—	1.1	—	4.6	9
Harnai	—		4.4	— 2.4	7.6	14
Quetta	—	+ 5	0.1	— 0.9	4.3	9
Chaman	0	+ 2	0	— 0.1	1.3	8
Nushki	—	—	0	—	1.6	—
Dalbandin	— 1	+ 7	0	— 0.2	1.1	4
Kalat	0	+ 2	0.2	— 0.9	2.1	7
Panjgur	— 2	+ 7	0.3	—	1.3	5
Kabul						12
Kandhar						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	$YQ\,L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	$VV_{ww}W$	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$0T_sT_dT_wT_w$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Shunkokmaru	43 [illegible]	[illegible] 00	[illegible]	96 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—
Moula Musa	43 087	685 00	6 27 25	97 6 08	095 79	44 2 2x	65 7 05	xx x xx	05 1 75	—
Roma	4[illegible] 170	62[illegible] 08	[illegible]	98 [illegible]	[illegible] 79	[illegible] 00	[illegible]	[illegible]	[illegible]	12 3 54
Muristan	43 250	577 00	0 74 05	98 0 20	110 84	00 x 00	34 4 02	xx x xx	05 6 28	—
Muristan	43 240	585 06	0 14 04	98 0 20	035 85	00 x 00	34 1 17	[illegible]	[illegible]	—
Isidara	43 243	5[illegible]4 06	0 11 01	98 0 20	036 84	00 9 02	26 2 [illegible]	xx x xx	05 3 79	—
Isidara	43 249	[illegible]	[illegible]	[illegible] 0 [illegible]	[illegible]	[illegible]	76 6 [illegible]	[illegible]	[illegible]	...
World Health	43 278	511 12	0 31 10	99 0 20	033 95	00 9 00	78 6 26	05 3 34	[illegible]	10 0 x0
Isidara	43 256	572 12	0 20 05	98 0 20	000 90	00 9 02	76 7 20	7x x 00	00 0 81	32 0 21
Sarmdasi	43 240	586 18	7 [illegible] 10	[illegible] 0 30	036 00	00 9 00	[illegible]	xx [illegible]	05 4 79	...

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
			$HHHTTTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	...													
Chittagong	...													
Dacca	00 00	000 185 158	...	...	181 125 528	...	300 505 2598	425 332 675	568 578 992	738 570 990		...	...	...
Jiwani	...													
Karachi	00 00	000 275 235		...	140 205 172	...	305 115 995	432 022 995	577 535 995	751 835 992	961 558	247 955	...	...
Lahore	00 00	977 272 252	005 xxxxxx	...	...	...	...	...	...	...	...	...	...	...
Multan	...													
Peshawar	00 00	959 265 238	...	...	140 242 192	...	302 152 185	437 082 535	585 009 593	761 595 995	978 715	163 870	...	...
Quetta	...													

STATION	Time of ascent in G.M.T.	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	...												
Chittagong	...												
Dacca	00 00	900 152 112	800 995 569	...	...	...	...	...	...	...	800 995 569	...	...
Jiwani	...												
Karachi	00 00	900 215 142	800 205 135	...	...	...	...	...	...	...	800 205 135	...	...
Lahore	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan	...												
Peshawar	00 00	930 252 285	800 218 192	...	...	...	...	...	...	...	800 128 192	...	...
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	34 02	02 03	14 02	15 05	xx xx	07 05			
Chaklala	...	19 03	29 02	32 04	30 10	36 06	30 08	26 03	36 05
Chhor	20 11	21 13	31 11	13 03	06 06	06 07	03 22	03 17	29 13
Chittagong	...	...	...	...	—	...	...	...	...
Cox's Bazar	29 10	29 09	30 06	33 03	...	...			—
Dacca	22 02	21 03	19 05	19 07	23 09	23 10	25 07	25 08	27 06
Dalbandin	...	—	14 08	07 05	04 07	04 05	...	...	—
D.I. Khan	—	—	—	—	—	...	—	—	—
Drosh	...	—	—	...	23 20	16 09	...	—	—
Fort Sandeman	...	...	...	10 08	13 04	25 05	—	—	—
Jacobabad	17 09	18 06	18 04	03 06	05 09	03 10	35 14	36 13	03 10
Jessore	29 03	23 08	21 01	23 12	...	—			...
Jhelum	13 02	13 03	19 02	31 05	31 12	33 08	16 06	20 05	22 04
Jiwani	22 06	18 05	10 04	35 09	35 09	33 09	35 06	35 06	36 09
Karachi	24 17	26 15	27 16	...	...	—			...
Khanpur	21 04	18 06	18 08	17 08	03 01	02 12	03 11	33 09	34 06
Lahore	07 02	19 01	26 03	35 04	33 05	36 05	33 02	35 03	27 03
Multan	19 10	22 02	20 13	21 08	21 10	25 05	34 19	36 17	12 40
Muscat	...	—	...	...	—	—	...	...	...
Panjgur	—	...	...	36 12	01 08	—	...	...	—
Peshawar	...	06 12	07 07	16 05	22 13	26 10	—	...	...
Quetta	—	...	...	—	31 05	31 07	04 09	04 13	05 10
Sharjah	...	...	...	...		...	—	...	...
Sylhet	13 06	12 08	13 09	12 09	12 06	22 03	25 10	25 03	24 03
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	10 02	11 03	11 02	11 02	16 02	15 03
Chaklala	—	—	...	...	—	—
Chhor	23 20	24 23	21 23	18 11	12 06	07 11
Chittagong	32 03	31 01	36 01	...	—	—
Cox's Bazar	35 09	34 07	33 04	35 01	18 02	14 05
Dacca	06 04	11 04	06 04	...	...	—
Dalbandin	—	...	16 01	03 02	09 06	03 02
D.I. Khan	—	—	...	...	—	...
Drosh	...	—	—	24 04	22 04	25 06
Fort Sandeman	...	...	—	21 01	31 05	35 14
Jacobabad	18 13	20 10	20 08	30 02	35 07	01 15
Jessore	25 04	20 06	13 03	44 04	...	—
Jhelum	10 30	16 06	23 03	35 09	30 07	34 09
Jiwani	18 07	MISDA	MISDA	29 08	30 07	18 08
Karachi	—	—	—	—	—	...
Khanpur	20 09	21 12	22 15	...	—	—
Lahore	14 08	14 06	16 04	19 09	12 03	32 04
Multan	18 13	19 13	23 17	24 12	01 05	34 09
Muscat	—	—	...	...	...	...
Panjgur	—	...	—	35 15	22 06	06 03
Peshawar	...	33 04	14 01	19 04	24 11	29 07
Quetta	...	...	...	...	29 05	32 05
Sharjah	...	...	...	...	...	—
Sylhet	27 03	25 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	08 07	08 09	09 08	09 06	10 04	16 04	24 05	27 04	31 06	33 06	...
Chaklala	...	13 10	11 10	08 02	29 02	42 10	01 06	...	...	...	...
Chhor	22 11	22 13	20 17	19 10	...	—	...	—	—	—	...
Chittagong	01 04	01 02	04 03	11 05	14 07	25 06	06 07	06 08	07 08	—	...
Cox's Bazar	01 09	04 07	10 05	13 09	12 06	...	—	—	—	—	...
Dacca	08 05	08 05	08 05	08 07	...	—	...	—	...	—	...
Dalbandin	...	—	08 14	08 17	16 03	10 10	09 06	21 09	28 47	—	...
D.I. Khan	...	—	...	—	...	...	...	...	—	...	...
Drosh	—	—	...	...	22 04	25 06	26 06	31 03	...	—	...
Fort Sandeman	...	—	...	01 03	05 06	05 01	07 03	31 03	07 06	08 11	36 16
Jacobabad	17 06	24 06	17 04	16 04	15 01	31 04	04 08	35 06	35 15	02 13	11 17
Jessore	10 32	12 02	15 08	...	...	...	...	...	—	...	...
Jhelum	24 13	22 43	23 12	20 10	18 10	03 04	...	—	—	—	...
Jiwani	25 04	27 04	32 05	32 06	...	—	—	—	...	—	...
Karachi	25 12	27 12	...	...	...	...	...	...	...	...	...
Khanpur	24 13	21 13	20 10	18 10	03 04	03 12	02 17	05 19	03 13	20 09	38 1[illegible]
Lahore	06 01	10 02	13 01	16 02	23 02	36 04	35 05	20 02	22 07	...	...
Multan	18 13	19 13	23 17	24 12	01 05	34 09	—	...	—	...	...
Muscat	...	...	...	...	...	...	...	...	...	...	...
Panjgur	—	—	—	35 07	33 05	33 07	...	...	...	...	...
Peshawar	...	02 09	06 09	19 03	25 04	28 09	27 12	27 13	28 15	31 24	25 1[illegible]
Quetta	...	—	...	—	33 04	32 14	30 09	15 08	15 44	04 08	35 1[illegible]
Sharjah	—	...	...	...	—	...	...	...	...	...	...
Sylhet	29 06	26 09	23 10	25 12	25 26	25 29	—	...	...	...	...
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	27 03	34 02	xx xx	17 09	15 06	05 06	34 04	—						—	—	...	—	—
Karachi	26 19	27 15	29 15	31 15	36 16	36 21	05 24	06 26	06 19	03 06	24 14	19 16	17 19	—	—	...	—	—
Peshawar	—	21 08	24 06	16 03	19 03	26 12	29 13	29 18	29 21	30 22	31 30	30 47	—	—	—		—	—
Quetta	...																	

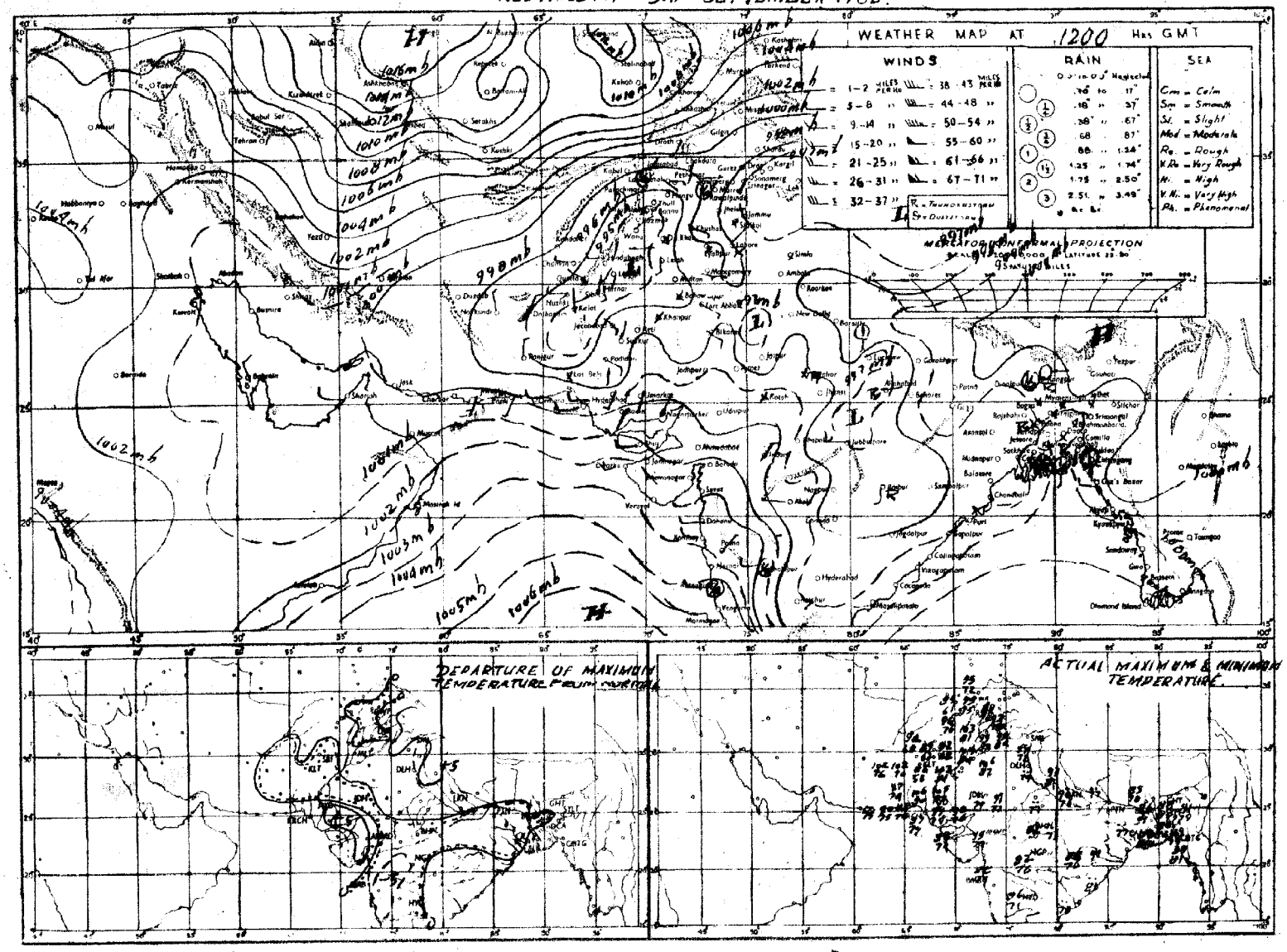
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

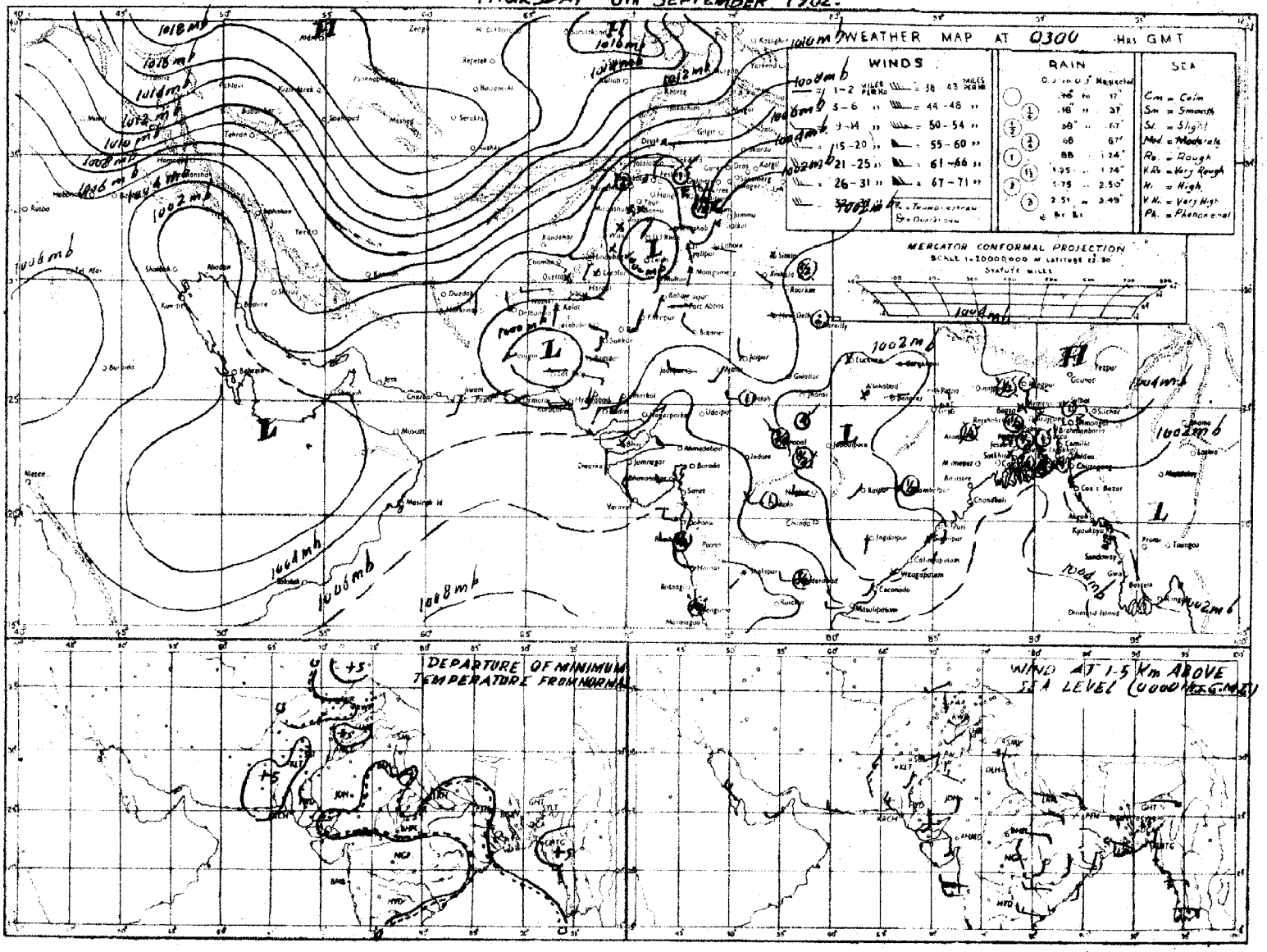
WEDNESDAY 5th SEPTEMBER 1962.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY 6th SEPTEMBER 1962.



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. 16

FRIDAY THE 7th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Observations are lacking but believe yesterday's easterly low pressure wave has moved to North Andaman Sea.

Thunderstorm/showers have been local in Chittagong, Dacca and Rajshahi divisions and scattered in Khulna division.

The westerly low pressure wave over Peshawar division is to-day moving away across Rawalpindi division and Kashmir, another lies over Afghanistan and neighbourhood.

Under their influence thunderstorm/showers have been widespread in Lahore division fairly widespread in Rawalpindi division and local in Peshawar division.

A trough of low developing off kathiawar konkan coast.

Chief amounts of rainfall are :—Rangamati 1½", Pabna and Lahore 1/2" each and Comilla and Jhelum ¼" each.

Day temperatures were 3—6 °F (2—3 °C) below normal in Sargodha and D. I. Khan divisions and in southern districts of Peshawar and Rawalpindi divisions and were 3—6 °F (2—3 °C) above normal in East Pakistan.

Forecast valid until the evening of 8th September, 1962 :—Fairly widespread thunderstorm/showers will occur in Chittagong division local in Rajshahi, Dacca, Lahore and Rawalpindi division and in Kashmir and scattered in Khulna, Peshawar, D. I. Khan, Sargodha, Multan and Hyderabad divisions.

Karachi-11
The 7th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cox's Bazar	006	3	8	00	00	97	02	9	992	79	4	8	5	7	x	79	92
	Chittagong	000	0	7	09	03	96	13	2	000	87	6	6	5	1	0	73	93
	Maijdee Court	010	9	6	00	00	96	03	2	002	86	3	2	6	7	0	78	92
	Comilla	000	8	0	00	00	96	66	9	981	83	8	4	4	x	x	88	92
	Brahmanbaria	000	0	5	00	00	97	03	1	994	89	5	4	5	0	0	88	91
	Sylhet	000	9	6	00	00	96	01	6	000	86	2	3	6	2	1	80	89
	Srimangal	000	0	4	00	00	96	02	0	988	87	4	0	4	0	0	81	91
Dacca	Mymensingh	000	0	8	00	00	97	02	1	996	87	8	5	4	x	x	80	92
	Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dacca (Tejgaon)	000	8	7	00	00	97	02	9	992	86	3	3	4	3	4	80	89
	Faridpur	012	6	6	16	02	96	02	6	993	87	2	4	6	6	0	81	81
Khulna	Barisal	000	0	6	00	00	97	02	2	997	87	6	7	4	0	0	81	90
	Khulna	000	0	5	00	00	97	01	2	995	88	5	5	5	0	0	83	91
	Satkhira	000	0	6	00	00	97	03	2	005	90	3	4	6	2	0	80	93
	Jessore	000	0	4	09	03	97	02	2	993	87	2	4	6	6	0	8[illegible]	91
Rajshahi	Pabna	052	9	6	13	02	99	03	9	984	87	x	x	x	x	x	78	91
	Sirajganj	000	0	8	18	02	97	02	2	989	87	8	9	5	2	0	81	91
	Bogra	000	0	7	00	00	96	02	2	990	87	4	4	5	2	x	xx	90
	Dinajpur	009	6	5	00	00	96	17	9	993	86	5	3	6	x	x	81	91
	Rangpur	011	3	5	12	02	96	01	6	990	84	5	5	6	0	0	80	93
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	1	13	02	96	02	9	983	92	1	1	7	0	0	73	97
	Sialkot	010	6	8	31	03	97	00	6	981	90	0	0	9	0	0	71	93
Rawalpindi	Jhelum	022	7	2	00	00	98	01	9	985	88	1	5	7	0	1	73	88
	Rawalpindi	016	7	1	00	00	99	00	1	987	87	1	7	7	0	0	71	88
	Campbellpur	000	0	0	13	04	98	00	0	978	00	0	0	9	0	0	64	93
Sargodha	Khushab	000	0	0	13	10	97	00	0	984	93	0	0	9	0	0	78	93
	Lyallpur	000	0	5	16	02	96	02	2	977	90	5	0	9	4	0	78	91
Multan	Montgomery	000	0	0	00	00	96	02	0	974	99	0	0	9	0	0	74	01
	Multan	000	0	0	13	03	98	02	0	966	02	0	0	9	0	0	64	05
	Leiah	000	0	0	00	00	97	00	0	913	02	0	0	9	0	0	68	06
Bahawalpur	Khanpur	000	0	0	23	05	95	05	0	966	01	0	0	9	0	0	69	xx
	Bahawalpur	000	0	2	30	01	98	00	0	963	03	0	0	9	0	0	73	04
	Fort Abbas	000	0	0	23	02	99	00	0	972	99	0	0	9	0	0	63	06
Peshawar	Chakdara	000	0	0	13	01	97	00	0	961	88	0	0	9	0	0	71	89
	Peshawar	000	1	5	36	03	97	17	9	977	89	2	9	6	3	1	73	93
	Haripur	002	7	0	23	01	97	00	1	981	87	0	0	9	0	0	76	89
D. I. Khan	Bannu	000	4	6	00	00	99	03	1	950	97	0	0	9	4	0	68	99
	D. I. Khan	000	0	2	05	02	98	00	0	957	00	0	0	9	0	2	75	98
Quetta	Sibi	000	0	0	13	02	98	00	0	962	05	0	0	9	0	0	64	66
Kalat	Nokkundi	000	0	0	34	09	97	02	0	984	96	0	0	9	0	0	28	98
	Turbat	000	0	0	27	02	97	00	0	975	06	0	0	9	0	0	69	07
	Jiwani	000	0	0	18	14	97	02	0	000	85	0	0	9	0	0	74	xx
	Pasni	000	0	4	23	24	96	02	1	983	86	0	0	9	3	0	81	90
Karachi Division	Ormara	000	0	6	27	10	94	03	2	992	84	6	1	6	0	1	78	86
	Lasbela	000	0	3	00	00	98	03	0	960	97	5	0	9	3	0	85	02
	Karachi (Manora)	008	0	6	25	10	96	03	2	996	84	0	0	9	6	0	77	89
	Karachi (Airport)	000	0	5	23	10	96	01	2	004	83	5	5	6	0	0	75	88
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	002	94	0	0	9	0	0	67	96
	Umerkot	000	0	0	20	02	98	02	0	982	97	0	0	9	0	0	71	99
	Hyderabad	000	0	0	20	09	97	02	0	967	93	0	0	9	0	0	73	97
	Badin	000	0	0	23	02	97	00	0	014	94	0	0	9	0	0	74	98
Khairpur	Padidan	000	0	0	13	07	96	02	0	964	04	0	0	9	0	0	61	04
	Nawabshah	000	0	0	18	03	96	02	0	986	99	0	0	9	0	0	73	02
	Sukkur	000	0	0	25	02	97	02	0	968	04	0	0	9	0	0	74	04
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jacobabad	000	0	0	13	05	97	02	0	968	00	0	0	9	0	0	79	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *	000	1	6	27	09	94	07	2	324	75	6	8	6	0	0	44	68
	Misgar **	000	0	7	31	07	98	03	1	080	61	3	5	8	5	0	37	74
	Aliabad *																	
	Gilgit *	000	0	8	23	03	98	02	2	435	84	8	5	8	x	x	50	96
Rawalpindi	Murree *	004	2	6	29	02	97	02	6	427	69	4	1	4	5	0	63	72
Peshawar	Drosh *	000	6	6	23	09	97	17	9	404	65	6	9	7	0	0	53	91
	Cherat *	000	0	5	11	07	98	03	2	383	77	0	0	9	0	5	74	92
	Kakul *	000	8	1	16	05	96	05	1	470	79	1	1	7	0	0	69	83
	Landikotal *	000	0	2	13	05	97	01	9	428	84	2	2	7	0	0	72	85
	Parachinar *	000	0	6	05	03	98	03	2	440	76	6	6	8	0	0	50	82
D. I. Khan	Miranshah *	000	0	4	05	05	99	03	2	420	92	4	4	9	0	0	78	93
	Wana *	000	0	0	00	00	99	00	0	513	85	0	0	9	0	0	58	92
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	420	95	0	0	9	0	0	55	12
	Hindubagh *	000	0	0	25	12	97	00	0	395	94	0	0	9	0	0	64	91
	Loralai *	000	0	0	16	05	99	00	0	404	88	0	0	9	0	0	58	91
	Harnai *	000	0	0	16	05	97	00	0	405	95	0	0	9	0	0	57	96
	Quetta *	000	0	0	36	02	96	00	0	399	66	0	0	9	0	0	66	88
	Chaman *	000	0	0	31	07	98	00	0	413	93	0	0	9	0	0	29	95
	Nushki *	000	0	0	27	05	98	02	0	475	97	0	0	9	0	0	46	00
	Dalbandin *	000	0	0	13	02	95	05	4	440	99	0	0	9	0	0	48	02
Kalat	Kalat *	000	0	0	32	03	96	00	0	453	80	0	0	9	0	0	73	84
	Panjgur *	000	0	0	36	09	95	05	0	442	94	0	0	9	0	0	50	97
Afghanistan	Kabul *																	
	Kandhar *																	

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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	144	9	4	36	02	98	05	9	087	86	1	7	5	6	4	77	77	—	—	—	—	—	—
	Cox's Bazar	006	0	5	11	02	97	02	2	030	87	1	2	6	4	8	77	78	+ 6	+ 2	91.6	— 7.8	102.3	140
	Chittagong	005	8	3	05	05	96	01	6	031	87	1	1	7	1	1	79	78	+ 6	+ 2	67.1	— 2.0	80.7	108
	Maijdee Court	015	9	2	00	00	96	02	4	047	85	0	0	9	2	0	80	79	+ 6	+ 1	—	—	—	115
	Comilla	026	9	8	00	00	97	02	6	021	84	8	4	4	x	x	78	77	+ 4	0	45.6	— 9.5	58.8	94
	Brahmanbaria	000	0	4	13	05	97	53	1	038	86	4	4	5	0	0	83	80	—	—	40.0	— 1.3	57.7	78
	Sylhet	000	0	7	09	05	96	00	2	042	81	3	5	6	5	0	78	79	—	—	89.3	—	17.4	—
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	+ 2					98
Dacca	Mymensingh	010	9	8	13	02	97	02	9	050	85	8	7	4	x	x	81	79	+ 4	+ 1	44.8	— 7.4	60.8	91
	Narayanganj	000	9	8	00	00	97	03	2	045	86	6	4	7	x	x	77	82		+ 3	34.5	— 6.9	51.8	74
	Dacca (Tejgaon)	000	5	8	00	00	97	02	1	038	85	8	0	9	7	x	77	81	—	—	43.7	—	48.6	—
	Faridpur	012	0	8	06	03	97	02	2	044	84	6	4	6	1	0	80	80	+ 3	+ 1	30.7	— 9.6	44.1	71
Khulna	Barisal	000	0	6	13	02	97	02	2	038	87	6	7	6	4	0	81	81	+ 2	+ 3	37.2	— 11.9	51.0	81
	Khulna	000	0	7	00	00	97	03	2	040	84	7	5	4	0	0	80	83	+ 3	+ 5	—	—	—	68
	Satkhira	000	6	0	00	00	97	03	2	045	99	3	4	6	2	0	82	82	+ 4	+ 4	41.7	— 2.1	48.9	65
	Jessore	000	0	7	05	05	97	03	2	038	85	5	5	6	6	0	81	81	—	—	30.6	— 7.1	40.8	65
Rajshahi	Pabna	052	9	7	13	05	97	03	9	038	88	3	3	7	5	1	80	83	—	—	36.0	—	54.5	59
	Sirajganj	000	0	8	00	00	97	02	2	046	85	7	0	x	2	1	78	82	+ 3	+ 4	30.4	— 7.5	4.34	64
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					69
	Dinajpur	009	3	6	00	00	96	02	1	048	83	4	5	6	2	x	79	79	+ 2	+ 1	—	—	—	72
	Rangpur	011	0	5	09	05	96	01	1	049	86	5	0	9	2	0	81	81	+ 5	+ 3	40.5	— 11.1	62.6	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	040	5	8	05	02	96	29	9	048	75	8	3	5	x	x	73	75	0	0	8.3	— 4.9	14.7	19
	Sialkot	010	0	0	00	00	97	00	0	024	65	0	0	9	0	0	75	78	— 2	+ 2	22.1	+ 0.9	26.5	32
Rawalpindi	Jhelum	022	1	3	00	00	96	01	1	027	81	2	1	7	3	0	76	75	—		—	—	—	
	Rawalpindi	016	0	7	05	03	97	17	9	030	79	7	6	5	0	0	73	72	— 6	—	24.2	— 3.3	30.8	96
	Campbellpur	000	0	1	13	01	98	00	0	971	81	0	1	9	0	1	74	81	—	+ 1	9.6	—	17.9	—
Sargodha	Khushab	000	0	0	09	07	98	00	0	022	84	0	0	9	0	0	77	82	— 7	+ 3	2.4	— 6.9	7.3	85
	Lyallpur	000	0	4	00	00	96	00	0	031	83	0	0	9	0	3	77	81	— 6	+ 4	5.6	— 2.8	9.4	83
Multan	Montgomery	000	0	2	05	04	96	01	1	017	86	0	0	9	0	1	74	81	0	+ 2	7.5	+ 1.1	10.6	10
	Multan	000	0	0	00	00	97	02	0	002	87	0	0	9	0	0	71	85	+ 6	+ 6	1.3	— 3.3	2.9	7
	Leiah	000	0	0	18	02	97	00	0	992	88	0	0	9	0	0	72	80	—	—	—	—	—	8
Bahawalpur	Khanpur	000	0	0	23	03	95	05	0	013	85	0	0	9	0	0	75	83	—	+ 2	3.3	— 1.4	4.3	6
	Bahawalpur	000	0	0	23	02	98	00	0	090	87	0	0	9	0	0	74	82	+ 3	+ 5	1.8	— 2.3	2.5	6
	Fort Abbas	000	0	0	27	02	98	00	0	017	89	0	0	9	0	0	68	82	—	—	0.6	—	0.9	8
Peshawar	Chakdara	000	0	0	36	02	97	00	0	017	80	0	0	9	0	0	67	72	—	—	6.8	—	16.1	—
	Peshawar	000	9	0	36	02	96	05	9	024	81	0	0	9	0	0	74	78	— 3	+ 4	1.7	— 5.1	8.3	11
	Haripur	002	3	7	31	02	96	03	2	027	78	7	0	9	7	0	72	72	—	—	18.9	—	25.5	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	997	85	0	0	9	0	0	68	81	—	—	2.0	—	5.0	11
	D. I. Khan	000	2	6	05	02	98	02	1	010	83	0	0	9	6	0	72	80	— 3	+ 2	1.6	— 3.5	4.4	9
Quetta	Sibi	000	0	0	23	02	97	05	0	020	87	0	0	9	0	0	71	83	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	0	0	36	13	97	02	0	051	87	0	0	9	0	0	29	72	—	—	0	—	0.1	2
	Turbat	000	0	0	23	01	96	05	0	020	83	0	0	9	0	0	74	xx	—	—	1.8	—	4.6	—
	Jiwani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					5
	Pasni	000	3	8	07	01	98	03	4	021	79	8	4	7	0	x	79	xx	0	—	0	— 0.9	0.2	6
Karachi Division	Ormara	000	0	6	00	00	94	03	2	025	83	8	1	6	1	1	79	80	—	—	0.1	— 0.7	2.0	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				8
	Karachi (Manora)	000	0	3	35	05	94	10	1	024	81	0	0	9	0	1	77	76	+ 4	— 2	3.7	— 1.9	3.7	8
	Karachi (Airport)	000	0	3	27	03	96	01	2	024	82	3	6	5	0	0	76	79	—	—	4.9	—	4.9	—
Hyderabad	Nagarparkar	000	0	3	31	02	97	00	0	004	82	0	3	7	0	0	73	66	—	—	6.4	—	6.4	—
	Umerkot	000	0	0	20	01	97	02	0	024	82	0	0	9	0	0	76	76	—	—	5.3	—	5.4	—
	Hyderabad	000	0	0	23	22	97	00	0	021	83	0	0	9	0	0	75	78	0	+ 1	4.3	— 1.2	5.1	7
	Badin	000	0	0	23	02	97	00	0	043	82	0	0	9	0	0	75	77	+ 4	— 1	3.8	— 1.7	4.4	9
Khairpur	Padidan	000	0	0	13	07	98	02	0	005	81	0	0	9	0	0	72	77	—	—	2.2	—	2.8	—
	Nawabshah	000	0	0	18	05	96	02	0	017	82	0	0	9	0	0	75	78	—	—	2.7	—	3.1	—
	Sukkur	000	0	0	20	03	97	02	0	009	87	0	0	9	0	0	73	82	—	—	2.5	—	2.5	4
	Kashmore	000	0	0	00	00	99	00	0	976	81	0	0	9	0	0	68	69		—	0.5	—	0.5	—
	Jacobabad	000	0	0	09	02	97	02	0	017	84	0	0	9	0	0	80	81	— 2	+ 2	1.0	— 1.1	1.9	4
Junagadh	Veraval																							30
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *	000	9	2	00	00	97	01	5	xxx	40	2	1	6	0	0	41	60	—	—				6
	Misgar **	013	6	8	13	03	97	61	6	115	46	4	7	8	2	0	40	46	—	—				—
	Aliabad *																							—
	Gilgit *	000	0	8	00	00	97	02	2	498	66	8	5	7	x	x	58	65	—	—				8
Rawalpindi	Murree *	004	9	6	00	00	96	17	1	466	64	6	8	3	0	0	59	57	+ 2	+ 2	25.0	— 6.2	44.1	58
Peshawar	Drosh *	000	9	4	00	00	97	95	9	457	74	4	2	6	0	0	61	72	+ 1	+ 5	4.4	—	16.4	18
	Cherat *	000	0	0	00	00	98	02	0	413	74	0	0	9	0	0	67	61	+ 7	— 6	11.1	+ 0.2	35.2	25
	Kakul *	000	4	2	18	02	97	01	1	463	73	2	4	6	0	0	68	67	—	—	—	—	—	—
	Landikotal *	000	0	0	00	00	97	00	0	448	79	0	0	9	0	0	68	71	—	—	1.9	—	18.8	—
	Parachinar *	000	0	3	00	00	99	00	0	455	67	2	0	9	1	0	60	58	— 1	— 4	10.5	—	24.0	29
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	449	81	0	0	9	0	0	68	76	—	—	0.6	— 3.3	2.4	13
	Wana *	000	0	0	00	00	98	00	0	509	77	0	0	9	0	0	xx	76	—	—	46	—	12.9	11
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	467	76	0	0	9	0	0	58	70	—	+ 2	5.0	+ 0.2	9.7	11
	Hindubagh *	000	0	0	27	02	97	00	0	443	73	0	0	9	0	0	40	64	—	—	0.8	—	4.6	—
	Loralai *	000	0	0	25	03	99	00	0	415	73	0	0	9	0	0	54	61	—	—	1.1	—	4.6	9
	Harnai *	000	0	0	00	00	97	00	0	433	80	0	0	9	0	0	65	76	—	—	4.4	— 2.5	7.6	14
	Quetta *	000	0	0	00	00	96	00	0	440	69	0	0	9	0	0	58	61	—	+ 4	0.1	— 0.9	4.3	9
	Chaman *	000	0	0	23	07	98	00	0	425	74	0	0	9	0	0	28	66	+ 2	0	0	— 0.1	1.3	8
	Nushki *	000	0	0	36	13	97	02	0	506	75	0	0	9	0	0	66	73	—	—	0	—	1.6	—
	Dalbandin *	000	9	0	27	02	93	05	4	456	77	0	0	9	0	0	36	73	+ 1	+ 10	0	— 0.2	1.1	4
Kalat	Kalat *	000	0	0	16	03	96	00	0	471	62	0	0	9	0	0	58	53	— 1	+ 2	0.2	— 0.9	2.1	7
	Panjgur *	000	0	0	00	00	95	05	0	456	75	0	0	9	0	0	41	73	+ 1	+ 6	0.3	—	1.3	8
Afghanistan	Kabul *																							
	Kandhar *																							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 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 7th SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sC h_sh_s$	$0T_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Muristan	53 213	594 00	7 22 11	99 0 22	025 76	75 0 xx	54 6 06	...	00 0 72	1x x xx
Gohomrru	53 161	683 00	5 26 18	98 0 21	060 81	24 4 40	96 6 10	...	05 9 46	12 6 23
State of Bombay	57 096	650 00	0 27 09	98 0 00	000 00	14 1 16		...	00 2 77	12 7 xx
Esso Rotterdam	53 210	593 06	0 01 05	98 0 20	048 81	00 1 00	56 2 12	...	00 3 26	12 1 21
Isidora	51 269	523 06	1 33 02	98 0 20	034 92	11 5 00	66 2 14	...	05 3 81	13 3 11
Muristan	53 202	590 06	8 31 09	98 0 22	047 98	83 5 xx	54 2 02	...	05 5 72	12 1 xx
General Blatclford	53 197	716 12	3 26 08	98 0 11	075 84	21 6 05	75 4 00	...	00 0 74	12 6 11
Isidora	53 279	509 12	0 23 07	99 0 21	011 97	00 7 00	66 7 12	...	00 1 81	12 3 21
Gohomaru	53 198	659 12	7 25 08	97 0 22	040 81	64 4 1x	76 6 10	...	05 2 74	13 5 21
Muristan	53 195	588 12	0 20 13	97 0 34	016 74	00 7 05	54 6 18	...	00 1 75	12 0 21
Berenice	53 200	588 12	7 18 20	98 0 22	025 77	75 2 xx	55 7 20	...	05 8 76	11 8 33
State of Bombay	58 057	636 18	2 37 14	98 0 20	100 01	32 5 00	54 2 35	...	00 0 95	12 7 34
Esso Liverpool	53 211	593 18	9 28 06	98 0 23	x04 76			...		
Berenice	53 197	577 18	9 18 20	97 0 20	047 76	9x x xx	55 3 20	...	00 2 73	11 8 21
Muristan	3 186	587 18	6 34 13	97 0 04	023 75	00 x 00	54 1 10	...	00 1 74	1x x xx

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
			At surface and Standard Isobaric Levels HHHTTTT$_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	021 272 235	...	...	141 185 128	...	308 165 065	435 018 505	580 562 578	751 662 675	963 782	240 010	...	...
Jiwani														
Karachi	00 00	999 275 242	016 xxxxxx	...	140 190 990	...	307 150 990	432 135 995	586 035 995	762 585 992	979 755	263 962	...	...
Lahore	00 00	978 275 222	019 xxxxxx	...	142 202 202	...	309 108 995	...	...	...	...	...	...	...
Multan														
Peshawar	00 00	960 255 235	...	...	142 292 992	...	308 060 990	431 542 995	571 628 995	729 700 990	949 798	226 895	427 925	698 970
Quetta														

STATION	Time of ascent in G.M.T.	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	001 282 252	900 212 142	800 162 108	593 000 520	350 710 740	250 885 982	070 250 630	...	...	070 250 630	...	...
Jiwani													
Karachi	00 00	900 200 xxx	800 180 xxx	350 670 xxx	250 800 xxx	...	...	...	...	...	250 800 xxx	...	...
Lahore	00 00	900 228 208	...	...	...	...	...	...	...	...	900 228 208	...	...
Multan													
Peshawar	00 00	900 230 xxx	800 150 xxx	350 740 xxx	250 860 xxx	...	...	...	...	...	250 850 xxx	...	...
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) — 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 06	17 07	17 04	16 05	16 03	17 02	27 03	31 04	32 05	09 12	10 13	10 13	11 11	12 13	13 08
Chaklala	...	14 02	21 01	35 04	30 05	13 04	33 17	33 13	28 07	...	07 05	11 05	25 04	28 05	...
Chhor	22 08	20 09	17 10	10 11	07 09	04 12	07 17	15 06	15 03	26 16	24 17	20 12	16 14	12 17	06 12
Chittagong	...	...	...	...	...	...	...	...	...	05 08	05 06	08 04	15 04	14 08	13 17
Cox's Bazar	30 05	29 02	01 01	13 07	...	...	...	...	...	02 10	02 04	02 02	18 06	15 11	10 19
Dacca	28 04	18 04	18 05	14 09	12 10	11 18	...	...	...	...	...	...	...	...	...
Dalbandin	...	...	14 10	22 05	20 03	29 03	25 09	35 10	36 14	...	...	06 05	01 03	28 05	28 08
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	21 15	21 15	...	...	...	...	...	...	24 05	24 06	24 05
Fort Sandeman	...	...	...	12 01	10 02	27 05	32 11	30 09	29 14	...	...	...	04 04	30 04	28 10
Jacobabad	17 06	17 07	17 05	03 06	02 09	36 09	01 07	04 17	03 06	19 21	19 12	19 09	30 01	34 10	01 13
Jessore	14 17	16 05	20 08	18 09	...	...	...	...	...	12 09	12 09	19 12	...	...	...
Jhelum	36 06	35 03	35 10	32 13	31 18	31 26	29 15	31 19	32 18	11 02	11 07	12 09	27 03	30 07	31 11
Jiwani	20 05	28 05	28 10	29 14	29 12	29 11	02 10	03 31	03 21	33 06	01 04	04 10	03 24	03 10	33 03
Karachi	24 13	25 07	27 04	...	...	...	...	...	...	...	...	...	...	...	...
Khanpur	24 10	72 12	22 11	21 08	31 08	01 10	04 13	04 13	01 08	24 18	24 23	24 20	24 15	...	...
Lahore	11 04	09 04	06 03	05 03	29 03	31 07	33 11	35 08	31 11	23 08	26 08	28 07	30 07	...	...
Multan	22 17	22 15	22 14	20 15	19 15	33 03	35 22	36 20	01 15	19 14	20 17	21 19	...	...	...
Muscat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	34 05	32 04	29 08	...	...	...	...	...	...	36 13	01 07	07 05
Peshawar	...	04 10	07 09	11 06	17 08	25 06	...	...	...	...	35 03	03 04	16 07	30 04	24 09
Quetta	...	...	...	...	29 15	32 07	26 06	03 08	32 06	...	...	...	...	22 01	27 03
Sharjah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	...	...	...	...	...	...	...	...	...	CB 11	09 13	10 18	12 15	14 12	...
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	08 07	11 08	11 09	10 16	11 19	13 18	11 14	11 15	11 15	13 18	...
Chaklala	...	07 04	15 05	15 02	29 06	28 04	30 17	27 15	26 16	23 23	23 39
Chhor	21 08	21 13	21 14	17 12	11 19	10 14	12 12	17 15	19 14	24 13	22 06
Chittagong	01 06	05 04	05 06	07 04	07 09	09 15	...	...	...	...	...
Cox's Bazar	19 13	19 07	16 04	12 03	09 10	10 26	11 19	11 19	12 17	...	...
Dacca	03 08	03 08	05 08	07 07	09 06	14 04	12 13	12 22	13 19	14 16	13 13
Dalbandin	...	...	10 05	21 07	24 14	27 10	26 14	...	...	...	...
D. I. Khan	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	24 12	20 09	...	...	...	...	...
Fort Sandeman	...	...	...	30 01	36 03	31 06	19 12	21 11	25 10	25 16	...
Jacobabad	18 03	27 03	24 04	20 04	16 04	01 04	06 13	04 06	31 07	24 19	22 49
Jessore	08 06	08 04	12 04	...	...	...	...	...	...	...	...
Jhelum	12 02	14 06	13 05	32 03	33 07	23 07	25 12	23 15	23 61	...	...
Jiwani	02 12	02 13	04 12	04 09	...	...	...	...	...	...	...
Karachi	27 06	26 07	26 04	...	...	...	...	...	...	...	...
Khanpur	24 18	24 15	25 19	25 09	24 16	20 10	02 04	03 06	03 08	08 08	08 06
Lahore	02 07	36 11	31 08	31 08	33 15	...	...	...	...	...	...
Multan	21 10	19 10	20 11	19 10	12 01	01 10	21 06	25 04	25 06	24 17	...
Muscat	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	35 08	01 03	14 07	...	30 05	27 04	26 15	...
Peshawar	...	08 04	08 03	04 04	30 09	20 06	02 07	26 15	25 21	24 21	25 34
Quetta	...	...	...	...	33 01	32 07	29 13	...	...	...	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...
Sylhet	09 12	09 21	10 17	15 11	15 10	08 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	12 08	08 11	08 11	13 11	15 10	13 18	05 08	09 08	09 09	10 07	07 09	05 21	01 23	...	...	...	...	...
Karachi	26 15	27 15	31 12	03 17	04 19	06 19	12 23	10 08	12 05	26 15	23 13	21 12	...	...	...	...	...	...
Peshawar	...	32 03	07 03	33 04	27 12	23 08	26 10	22 09	26 11	25 33	25 34	25 46	95 63	26 64	27 66	...	...	...
Quetta																		

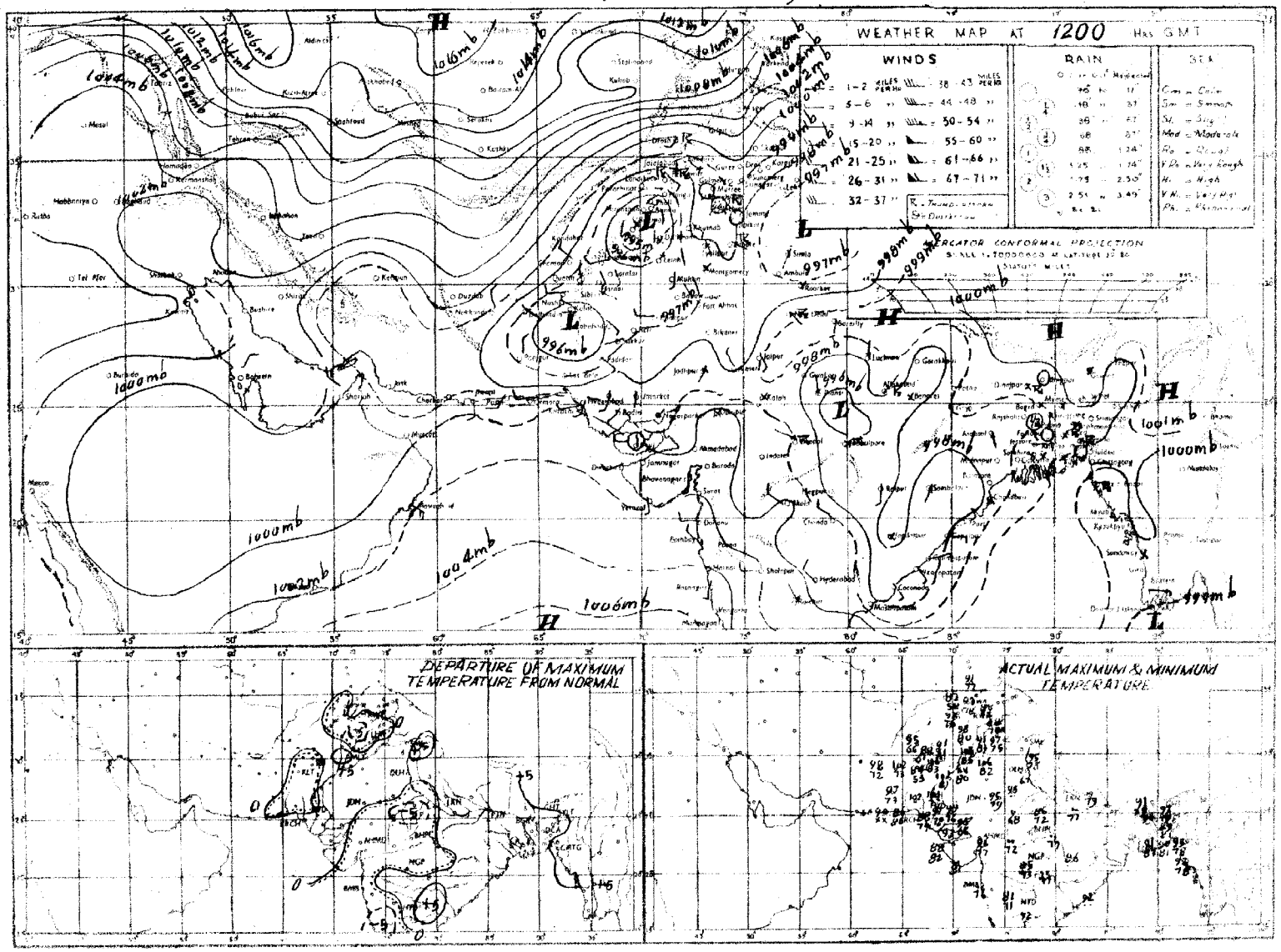
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

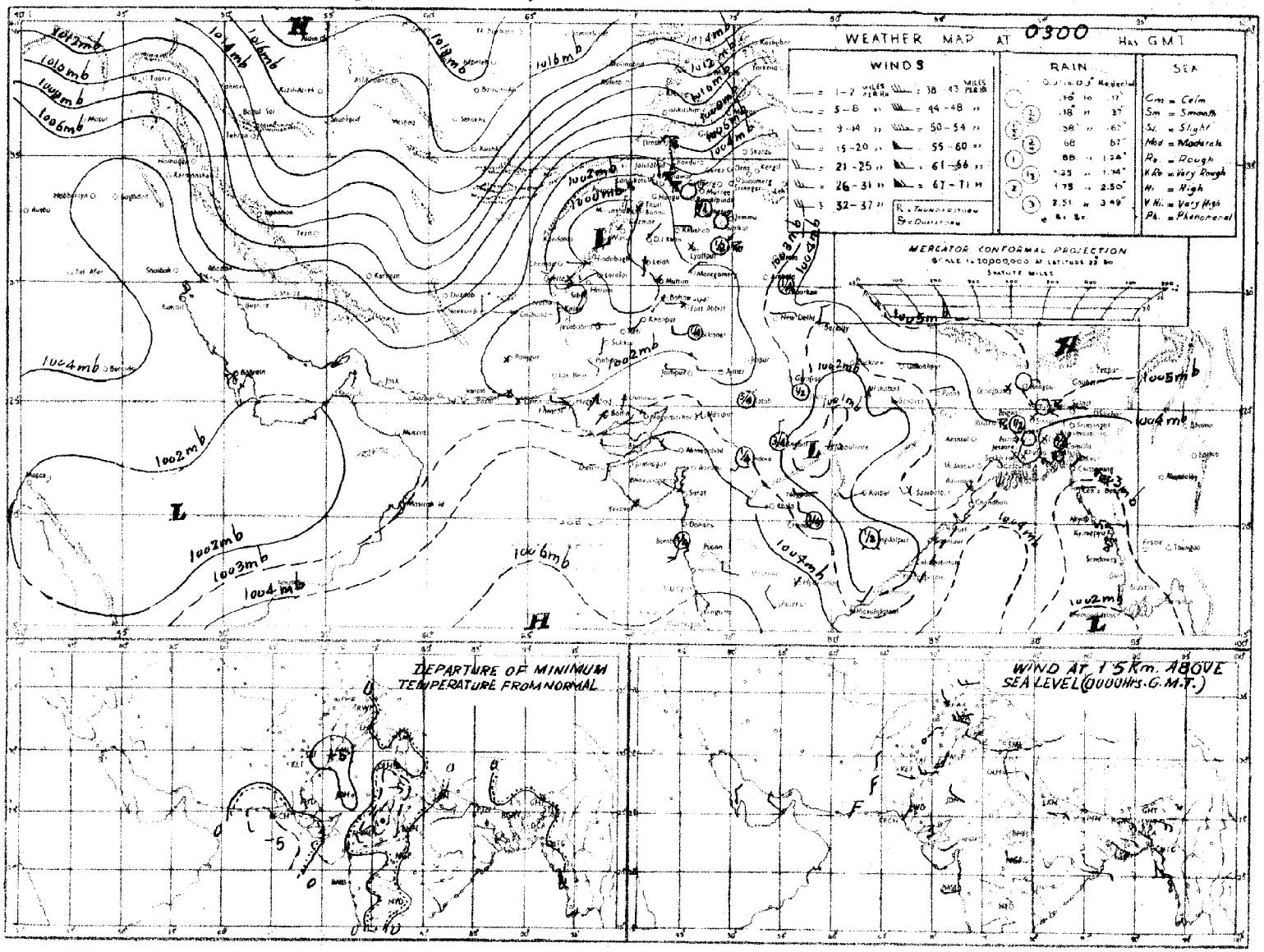
THURSDAY, 6th SEPTEMBER, 1962.



Rainfall amounts indicate in the above chart refer to last 9 hours.

PAKISTAN DAILY WEATHER MAP

FRIDAY, 7th SEPTEMBER, 1962.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

SATURDAY THE 8th SEPTEMBER, 1962.

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

Observations lacking, but believe under influence of yesterday's low pressure wave, a depression has formed in the Bay of Bengal which is centred at 08,0300 hours G.M.T. within one degree of latitude 15 °N and Longitude 92 °E. It is likely to intensify and move westnorthwestwards.

Local thunderstorm/showers have occured over Chittagong, Dacca and Rajshahi divisions and scattered over Khulna division.

Yesterday's westerly low pressure wave over Afghanistan is to-day moving across Kashmir; another lies over east Afghanistan and neighbourhood.

Under their influence thunderstorm/showers have been local in Lahore, Rawalpindi and Peshawar divisions and scattered in D. I. Khan division.

A trough of low has developed off Kathiawar Konkan coast.

Chief amounts of rainfall are :—Narayanganj 1½", Brahmanbaria, Jessore, Murree and Miranshah 1/2" each and Maijdee Court and Dacca ¼" each.

Day temperatures were 5 °F (3 °C) below normal in northern districts of Kalat division and were 3—7 °F (2—3 °C) above normal in East Pakistan and in Hyderabad division.

Forecast valid until the evening of 9th September, 1962 :—Fairly widespread thunderstorms/showers will occur in Rawalpindi division and Kashmir, local in Chittagong, Dacca and Lahore divisions and scattered in Khulna, Rajshahi, Peshawar, Sargodha, Multan and Hyderabad divisions.

Karachi-11
The 8th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cox's Bazar	000	0	8	18	03	97	95	2	012	86	4	9	5	2	–	82	90
	Chittagong	000	0	1	27	03	97	01	1	005	88	1	0	9	7	0	89	94
	Maijdee Court	000	9	3	00	00	97	03	0	007	90	3	0	7	2	0	79	92
	Comilla	000	0	2	03	00	96	03	1	989	91	2	4	7	0	0	84	93
	Brahmanbaria	000	0	5	13	02	97	03	1	010	90	3	4	5	0	0	89	92
	Sylhet	000	0	5	09	05	96	02	2	009	88	1	1	6	2	1	76	91
	Srimangal	000	0	0	00	00	96	00	0	009	89	0	0	9	0	0	84	94
Dacca	Mymensingh	000	0	6	00	00	97	02	1	019	91	6	4	4	0	0	75	93
	Narayanganj	000	9	4	00	00	96	03	1	015	90	2	4	3	0	8	79	94
	Dacca (Tezgaon)	000	0	3	00	00	97	02	1	010	88	1	3	6	0	[illegible]	81	91
	Faridpur	000	0	7	05	02	96	02	2	018	87	5	4	6	0	1	81	89
Khulna	Barisal	000	0	8	18	05	97	02	2	017	84	x	x	x	x	x	78	93
	Khulna	000	0	7	00	00	97	01	2	071	83	7	5	6	0	0	79	91
	Satkhira	007	3	7	00	00	96	03	4	039	79	4	4	4	2	0	76	93
	Jessore	065	2	6	48	02	96	03	6	009	88	4	4	5	6	0	81	91
Rajshahi	Pabna	000	0	6	13	05	97	03	2	018	87	3	3	7	0	6	79	91
	Sirajganj	000	0	4	00	00	97	00	1	015	88	4	0	9	0	2	8	91
	Bogra	000	0	6	00	00	96	02	2	019	87	2	2	6	1	x	80	91
	Dinajpur	000	5	7	0	00	96	02	9	022	87	3	5	6	2	x	76	87
	Rangpur	000	0	6	09	02	96	03	1	021	82	6	0	9	1	0	81	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	004	8	3	13	02	96	01	9	959	90	7	0	9	2	1	77	91
	Sialkot	000	0	0	00	00	97	00	0	987	94	0	0	9	0	0	75	95
Rawalpindi	Jhelum	000	0	0	00	00	98	02	0	954	94	0	0	9	0	0	71	96
	Rawalpindi	000	0	4	00	00	98	03	1	957	90	4	5	6	0	0	74	93
	Campbellpur	000	0	4	13	02	97	01	1	941	92	0	1	8	0	1	65	92
Sargodha	Khushab	000	0	0	13	09	97	01	0	930	96	0	0	9	0	0	82	98
	Lyallpur	000	0	0	00	00	97	00	0	993	98	0	0	9	0	0	64	98
Multan	Montgomery	000	0	0	00	00	96	02	0	983	97	0	0	9	0	0	75	00
	Multan	000	0	1	00	00	98	02	0	973	03	0	0	9	0	1	67	04
	Leiah	000	0	0	00	00	97	00	0	933	06	0	0	9	0	0	74	06
Bahawalpur	Khanpur	000	0	0	27	02	95	05	0	976	99	0	0	9	0	0	68	01
	Bahawalpur	000	0	0	23	02	98	00	0	964	02	0	0	9	0	0	73	04
	Fort Abbas	000	0	0	05	02	98	00	0	973	02	0	0	9	0	0	67	06
Peshawar	Chakdara	000	0	0	36	02	97	00	0	957	95	0	0	9	0	0	68	91
	Peshawar	000	3	7	27	12	97	17	9	991	87	4	9	6	7	4	56	95
	Haripur	000	0	4	23	01	96	03	1	981	90	4	0	9	0	0	73	92
D. I. Khan	Bannu	000	1	6	05	04	97	07	3	971	89	0	0	9	6	0	62	97
	D. I. Khan	000	0	0	36	02	98	00	0	970	99	0	0	9	0	0	75	01
Quetta	Sibi	000	0	0	13	02	9	05	0	974	06	0	0	9	0	0	61	07
Kalat	Nokkundi	000	0	0	34	13	97	02	0	995	93	0	0	9	0	0	23	95
	Turbat	000	0	0	13	01	97	00	0	968	11	0	0	9	0	0	62	13
	Jiwani	000	0	0	23	17	97	02	0	995	80	0	0	9	0	0	76	93
	Pasni	000	8	6	23	12	96	02	1	989	87	0	0	9	4	3	77	90
Karachi Division	Ormara	000	0	4	20	03	94	03	1	991	90	4	1	6	0	1	77	90
	Lasbela	000	0	3	00	00	98	03	0	880	xx	3	0	9	3	0	81	01
	Karachi (Manora)	000	0	0	25	10	96	02	0	002	86	0	0	9	0	0	79	90
	Karachi (Airport)	000	0	1	23	07	96	01	1	005	88	1	5	6	0	0	75	9
Hyderabad	Nagarparkar	000	0	0	13	01	97	00	0	980	92	0	4	7	0	0	70	94
	Umarkot	000	0	0	23	01	98	02	0	988	99	0	0	9	0	0	71	02
	Hyderabad	000	0	0	20	02	97	02	0	997	96	0	0	9	0	0	69	99
	Badin	000	0	0	23	02	97	00	0	016	98	0	0	9	0	0	72	01
Khairpur	Padidan	000	0	0	13	07	98	02	0	995	01	0	0	9	0	0	65	03
	Nawabshah	000	0	0	13	07	96	02	0	995	00	0	0	9	0	0	71	01
	Sukkur	000	0	0	23	02	97	02	0	977	03	0	0	9	0	0	75	03
	Kashmore																	
	Jacobabad	000	0	0	18	03	97	02	0	999	01	0	0	9	0	0	75	02
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	3	05	03	97	01	1	418	85	2	2	6	3	0	47	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **	xxx	x	3	23	10	97	01	1	033	70	2	8	7	0	0	54	73
	Skardu *																	
	Misgar **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Allabad *																	
	Gilgit *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Murree *	000	9	7	05	02	96	02	1	425	70	5	4	9	5	0	64	52
Peshawar	Drosh *	003	6	3	23	05	98	01	9	438	82	7	1	7	6	0	46	89
	Cherat *	003	1	8	23	09	98	51	2	403	76	8	8	6	0	0	73	92
	Kakul *	000	6	5	18	02	96	05	1	439	78	3	2	6	6	2	69	84
	Landikotal *	004	3	6	13	05	96	02	1	414	78	6	3	7	x	x	63	90
	Parachinar *	004	2	4	13	12	99	03	6	476	78	4	0	9	1	0	55	81
D. I. Khan	Miranshah *	056	3	0	05	09	99	00	6	527	75	0	0	9	0	0	66	95
	Wana *	000	0	4	00	00	99	01	1	517	65	4	1	9	0	0	61	90
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	427	94	0	0	9	0	0	30	95
	Hindubagh *	000	0	0	25	0	97	00	0	392	90	0	0	9	0	0	50	90
	Loralai *	000	0	0	11	05	99	00	0	429	88	0	0	9	0	0	51	93
	Harnai *	000	0	0	13	05	97	00	0	411	96	0	0	9	0	0	43	96
	Quetta *	000	0	0	13	02	96	00	0	410	85	0	0	9	0	0	46	89
	Chaman *	000	0	0	27	07	98	00	0	413	94	0	0	9	0	0	31	96
	Nushki *	000	0	0	27	09	98	02	0	483	93	0	0	9	0	0	37	94
	Dalbandin *	000	0	0	23	12	94	07	4	450	94	0	0	9	0	0	47	96
Kalat	Kalat *	000	0	0	34	05	96	00	4	433	78	0	0	9	0	0	71	87
	Panjgur *	000	0	0	36	15	95	07	0	447	92	0	0	9	0	0	33	95
Afghanistan	Kabul *																	
	Kandhar *																	

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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	002	9	2	18	02	97	05	9	080	88	1	8	6	6	0	80	80		—	—	—	—	—
	Cox's Bazar	001	0	5	00	00	97	01	2	065	87	2	4	5	0	8	77	80	+4	+4	91.6	−8.4	102.3	140
	Chittagong	000	0	4	00	00	97	03	3	065	87	4	5	6	0	0	79	xx	+7	—	67.1	−2.5	80.7	108
	Maijdee Court	025	9	6	16	05	97	03	6	078	94	2	1	5	2	0	75	78	+6	0	—	—	—	115
	Comilla	000	0	0	00	00	97	02	0	050	89	0	0	9	0	0	78	xx	+5	—	45.6	−9.9	58.8	94
	Brahmanbaria	040	0	2	13	02	97	03	1	067	87	2	0	9	0	2	84	77	—	—	40.4	−1.3	58.4	78
	Sylhet	000	0	2	00	00	96	01	1	069	89	2	0	5	7	0	75	78	—	—	88.3	—	43.4	—
	Srimangal	000	0	0	00	00	96	00	0	072	89	0	0	9	0	0	88	76	+3	+1	—	—		98
Dacca	Mymensingh	000	0	9	13	03	97	02	1	080	xx	0	0	9	0	9	86	81	+5	+3	44.9	−7.9	60.8	91
	Narayanganj	138	3	6	00	00	97	02	2	069	85	2	4	6	1	0	71	74	+5	−5	35.9	−5.9	55.1	74
	Dacca (Tezgaon)	037	0	6	05	02	97	03	9	064	87	6	0	9	5	0	77	92	—	—	44.0	—	48.9	—
	Faridpur	070	0	7	03	00	96	02	2	066	86	6	5	6	1	0	79	81	+1	+2	30.8	−9.9	44.1	71
Khulna	Barisal	000	0	6	18	02	97	02	2	075	85	6	0	9	9	0	79	81	+5	+3	37.2	−12.2	51.0	81
	Khulna	003	0	6	00	03	97	03	2	074	86	6	5	5	0	0	82	78	+3	0	—	—	—	68
	Satkhira	007	5	7	00	00	97	03	6	071	[illegible]	4	4	4	2	7	77	81	+4	+3	47.9	+3.8	49.0	65
	Jessore	065	9	9	48	9	96	03	6	077	93	9	7	5	x	x	82	77	—	—	31.3	−6.7	41.5	65
Rajshahi	Pabna	000	9	4	36	5	98	3	9	064	89	1	5	7	6	1	81	83	—	—	36.0	—	54.5	53
	Sirajganj	000	0	2	00	00	98	02	1	068	87	2	0	9	4	0	81	81	+4	+3	33.4	−7.9	4.34	64
	Bogra	000	0	5	05	02	96	02	2	073	86	2	5	5	3	0	83	81	+2	+3	—	—	—	69
	Dinajpur	000	3	3	05	07	96	01	0	073	86	2	0	9	0	1	77	76	+2	−2	—	—	—	72
	Rangpur	000	0	3	[illegible]	05	96	01	0	080	88	3	0	9	1	0	78	80	+4	+2	42.5	−11.5	62.6	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	004	0	0	13	02	96	02	0	056	94	0	0	9	0	0	78	76	−6	+2	8.4	−5.0	14.8	19
	Sialkot	000	0	4	00	00	97	01	1	059	64	4	5	6	x	x	75	77	0	+3	22.1	+0.7	26.5	82
Rawalpindi	Jhelum	000	0	2	00	00	95	03	0	059	82	2	0	9	3	0	72	75	—		—	—	—	
	Rawalpindi	002	0	3	05	03	99	01	1	050	82	3	2	7	0	0	69	74	−1	+3	24.2	+3.1	30.8	36
	Campbellpur	000	0	4	03	01	97	02	0	073	72	0	1	8	0	2	75	77	—	—	9.6	—	17.9	—
Sargodha	Khushab	000	0	5	09	07	97	02	2	049	88	5	0	9	3	0	83	80	−2	+1	2.4	−7.0	7.3	15
	Lyallpur	000	0	0	00	00	96	00	0	054	85	0	0	9	0	0	76	83	−1	+6	5.6	−2.9	9.4	13
Multan	Montgomery	000	0	0	00	00	96	02	0	046	82	0	0	9	0	0	77	81	−1	+2	7.5	+1.1	10.6	10
	Multan	000	0	0	00	00	97	02	0	034	88	0	0	9	0	0	71	85	+[illegible]	+5	3.3	−3.3	2.9	7
	Leiah	000	0	0	00	00	96	00	0	002	88	0	0	9	0	0	71	81	—	—	—	—	—	8
Bahawalpur	Khanpur	000	0	0	03	00	95	05	0	032	88	0	0	9	0	0	73	79	−2	+1	3.3	−1.4	4.3	6
	Bahawalpur	000	0	0	18	01	98	00	0	xxx	88	0	0	9	0	0	77	88	+3	+11	1.8	−2.3	2.5	6
	Fort Abbas	000	0	0	07	02	98	00	0	047	xx	0	0	9	0	0	73	81	—	—	0.6	—	0.9	8
Peshawar	Chakdara	000	0	0	36	01	97	00	0	050	75	0	0	9	0	0	67	67	—	—	6.8	—	16.1	—
	Peshawar	000	7	5	00	00	97	03	9	061	80	2	5	6	3	0	64	74	—	0	1.7	−2.1	8.3	11
	Haripur	000	4	6	09	03	96	03	2	060	77	6	0	9	3	0	62	73	−1	—	18.9	—	25.5	—
D. I. Khan	Bannu	003	2	6	03	00	99	03	1	034	81	0	0	9	0	6	65	76	—	—	2.0	—	5.0	11
	D. I. Khan	000	0	0	05	02	98	00	0	981	83	0	0	9	0	0	66	78	0	−0	1.6	−3.5	4.4	9
Quetta	Sibi	000	0	0	36	02	97	05	0	034	86	0	0	9	0	0	64	83	—	—	2.6	—	3.7	9
Kalat	Nokkundi	000	0	0	34	02	97	02	0	053	79	0	0	9	0	0	27	72	—	—	0	—	0.1	2
	Turbat	000	0	0	27	01	96	05	0	036	81	0	0	9	0	0	71	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	0	09	07	96	01	0	051	79	0	0	9	0	0	75	79	—	—	1.2	—	1.9	5
	Pasni	000	3	8	07	01	98	03	4	021	79	8	4	7	0	0	78	78	0	+6	0	−0.9	0.2	6
Karachi Division	Ormara	000	0	0	03	03	94	00	0	035	82	0	0	9	0	0	79	76	—	—	0.1	−0.7	2.0	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
	Karachi (Manora)	000	0	4	27	05	96	01	1	035	82	0	0	9	4	0	75	80	+5	+2	3.7	−2.0	3.7	8
	Karachi (Airport)	000	0	1	00	00	96	03	0	042	82	1	0	9	3	0	73	77	—	—	4.9	—	4.9	—
Hyderabad	Nagarparkar	000	0	0	31	01	97	00	0	024	85	0	0	9	0	0	70	71	—	—	6.4	—	6.4	—
	Umarkot	000	0	0	20	01	97	02	0	032	82	0	0	9	0	0	76	77	—	—	5.3	—	5.4	—
	Hyderabad	000	0	1	27	03	97	01	0	029	87	0	0	9	0	1	69	82	+2	+5	4.3	−1.2	5.1	7
	Badin	000	0	0	23	02	97	03	0	053	84	0	0	9	0	0	75	80	+7	+2	3.9	−3.0	4.4	9
Khairpur	Padidan	000	0	0	13	02	98	02	0	026	83	0	0	9	0	0	73	80	—	—	2.2	—	2.8	—
	Nawabshah	000	0	0	13	02	96	02	0	032	86	0	0	9	0	0	71	79	—	—	2.7	—	3.1	—
	Sukkur	000	0	0	00	00	97	02	0	027	87	0	0	9	0	0	72	84	—	—	2.5	—	2.5	4
	Kashmore	000	0	0	01	00	99	00	0	984	85	0	0	9	0	0	70	70		—	0.5	—	0.5	—
	Jacobabad	000	0	0	09	05	97	02	0	038	89	0	0	9	0	0	82	83	−1	+4	1.0	−1.1	1.9	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *	—	—	—	...	...	...	...	—	—	...	...	—	...	...	...	..	...	—					26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							24
	Leh **	—	—	...	—	...	—	...	...	...	—	...	—	...	—	...	...	—	—					3
	Skardu *																							6
	Misgar **	007	3	8	05	05	96	63	6	151	44	3	7	8	2	0	38	43		—				—
	Allabad *																							—
	Gilgit *	003	0	4	23	03	98	01	1	518	71	4	5	8	0	0	47	65		—				9
Rawalpindi	Murree *	046	3	7	13	02	96	02	9	502	55	7	5	2	0	0	52	54	—	−1	26.2	−5.7	44.6	59
Peshawar	Drosh *	000	0	5	10	00	97	03	0	499	66	5	0	9	5	0	53	65	−1	−2	4.4	—	16.4	28
	Cherat *	000	9	0	18	03	98	02	0	402	70	0	0	9	0	0	69	61	+7	−6	11.1	+0.1	35.2	29
	Kakul *	003	5	6	18	03	97	95	9	488	65	6	9	6	0	0	58	64	—	—	—	—	—	—
	Landikotal *	000	0	0	07	00	97	00	0	468	74	0	0	9	0	0	62	62	—	—	1.9	—	18.1	—
	Parachinar *	004	0	0	00	00	99	00	0	503	65	0	0	9	0	0	53	61	−2	−1	10.5	—	24.0	25
D. I. Khan	Miranshah *	056	0	0	00	00	99	00	0	472	75	0	0	9	0	0	61	60	—	—	1.1	−2.8	2.9	13
	Wana *	000	0	0	00	00	98	00	0	513	73	0	0	9	0	0	58	68	—	—	4.6	—	12.9	11
Quetta	Fort Sandeman *	000	0	0	00	00	98	02	0	489	77	0	0	9	0	0	58	71	+1	+3	5.0	+0.2	9.7	18
	Hindubagh *	000	0	0	03	00	97	00	0	449	69	0	0	9	0	0	50	59	—	—	0.8		4.6	—
	Loralai *	000	0	0	31	02	99	00	0	396	75	0	0	9	0	0	51	63	—	—	1.1	—	4.6	9
	Harnai *	000	0	0	31	05	97	00	0	451	82	0	0	9	0	0	60	77	—	—	4.4	−2.5	7.6	14
	Quetta *	000	0	0	00	00	96	00	0	487	69	0	0	9	0	0	54	58	—	+1	0.1	−0.9	4.3	9
	Chaman *	000	0	0	09	05	98	00	0	461	76	0	0	9	0	0	24	65	+3	−1	0	−0.1	1.3	8
	Nushki *	000	0	0	05	05	96	05	4	509	79	0	0	9	0	0	39	71	—	—	0	—	1.6	—
	Dalbandin *	000	0	0	00	00	94	05	0	469	73	0	0	9	0	0	40	70	−5	+7	0	−0.2	1.1	4
Kalat	Kalat *	000	0	0	18	03	96	00	0	404	64	0	0	9	0	0	56	54	+2	+3	0.2	−0.9	2.1	7
	Panjgur *	000	0	0	00	00	95	05	0	470	67	0	0	9	0	0	36	63	−1	−4	0.3	—	1.3	5
Afghanistan	Kabul *																							
	Kandhar *																							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 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 8th SEPTEMBER, 1962.

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 NsCshs	[illegible]	M.A.P.H.
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
State of Bombay	80 047	819 00	2 27 14	98 0 20	090 82	21 5 xx	84 2 00	—	08 1 72	12 6 xx
Elena Braschfor	63 215	691 03	1 25 00	98 1 82	060 80	21 6 80	25 3 07	—	08 4 79	12 5 13
Saihomaru	63 172	675 00	2 27 12	97 0 21	050 79	24 3 03	74 7 10	—	25 2 76	12 7 22
Gohomaru	63 306	652 00	8 23 20	97 0 22	030 77	84 4 1x	74 6 09	—	05 6 76	12 3 22
Safinas Arab	61 284	673 00	4 21 09	97 0 22	022 82	xx x xx	—	—	—	—
Indickra	63 210	654 06	4 33 16	98 0 13	033 84	27 8 28	—	—	—	—
[illegible]	63 218	622 06	4 26 12	98 0 21	045 82	34 4 10	76 6 05	—	03 1 24	12 2 22
Caltex the Hague	63 248	581 36	2 13 07	98 0 10	038 80	21 1 00	xx x xx	—	05 0 81	11 2 20
World Hull	63 058	533 06	5 16 14	97 0 50	076 84	59 5 40	56 4 15	—	08 2 79	21 6 42
[illegible]	63 276	677 06	4 26 13	98 0 11	084 82	42 4 00	65 1 47	—	00 0 78	12 6 22
[illegible]	63 280	665 06	2 37 12	97 0 21	070 84	24 4 80	74 3 05	—	00 3 70	13 7 22
Modjokor	63 322	662 08	3 20 05	98 0 11	040 82	32 3 00	55 7 09	—	00 0 76	12 3 21
Acton	63 242	584 36	1 00 00	98 0 12	038 84	11 5 00	xx x xx	—	00 0 81	10 0 x0
Esso Rotherdam	63 165	544 06	6 24 00	97 0 31	061 77	61 4 00	56 1 21	—	00 4 76	12 4 31
Esso Rocherdam	63 157	520 12	0 21 32	97 0 21	025 81	00 9 00	56 7 20	—	00 1 77	12 1 32
Banffal	63 157	528 12	0 16 10	98 1 00	033 81	00 9 00	16 6 20	—	05 3 77	11 4 21
[illegible]	63 166	552 12	0 24 13	97 0 50	029 77	00 x 00	54 7 11	—	00 1 74	12 4 22
World Heath	63 295	494 12	0 00 00	99 0 00	065 79	00 9 00	35 4 15	—	08 4 80	10 0 x0
[illegible]	63 307	692 12	5 99 00	98 0 32	020 83	xx x xx	33 6 10	—	05 1 73	10 0 xx
Caltex the Haigue	63 330	590 12	0 00 00	98 0 20	016 86	00 7 08	—	—	03 0 76	10 0 x0
Hwanberg	63 282	580 12	3 22 09	98 0 20	010 88	10 6 40	34 7 13	—	05 1 84	12 3 30
Gohomaru	63 237	610 12	2 20 12	98 0 20	019 84	24 4 00	76 7 15	—	08 1 79	12 0 30
Fishgmaru	63 180	658 12	5 27 10	97 0 20	040 82	24 4 10	75 6 20	—	00 0 74	12 7 32
Millimark	63 174	644 12	5 26 15	98 0 22	068 83	82 4 00	65 7 12	—	00 1 81	12 6 30
[illegible]	63 129	699 12	0 33 02	99 0 20	010 80		—	—	—	—
Indian Transport	63 196	623 18	9 23 16	99 0 32	010 87	27 7 40		—		
Dwarka	63 330	630 18	0 03 00	98 0 30	053 80	80 9 02	75 1 20	—	05 1 74	13 0 33
Caltex Haigue	63 239	605 12	1 00 08	98 0 31	010 82	80 3 00	08 0 30	—	00 0 30	13 0 31

UPPER AIR DATA

At surface and Standard Isobaric levels

STATION	Time of ascent in G.M.T.	Surface PPPTTTTdTdTd	1000 mb HHHTTTTdTdTd	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	003 052 228	—	—	141 172 132	—	307 060 040	431 002 522	577 508 412	789 638 700	961 795	[illegible] 025	413 150	—
Jiwani	—													
Karachi	00 00	001 262 232	032 242 225	—	140 218 122	—	311 132 045	438 012 545	584 538 992	757 630 980	970 788	258 978	434 000	—
Lahore	00 00	900 298 242	032 xxxxxx	—	143 248 218	—	315 120 110	442 040 040	589 088 992	765 372 992	985 672	282 820	403 [illegible]	600 700
Multan	—													
Peshawar	00 00	962 242 212	—	—	141 252 175	—	314 160 993	449 092 995	589 012 998	765 582 995	982 695	—	—	—
Quetta	—													

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE 88HHHHTT	66 HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	—												
Chittagong	—												
Dacca	00 00	003 262 245	900 212 132	800 135 092	595 002 525	350 705 792	250 885 992	010 502 992	—	—	010 502 922	—	—
Jiwani	—												
Karachi	00 00	900 265 195	800 182 122	—	—	—	—	—	—	—	800 182 132	—	—
Lahore	00 00	900 278 232	800 205 162	—	—	—	—	—	—	—	800 205 162	—	—
Multan	—												
Peshawar	00 00	900 260 205	800 220 990	—	—	—	—	—	—	—	800 220 990	—	—
Quetta	—												

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

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	05 06	07 05	09 07	08 09	10 14	11 10	14 15	13 13	10 16
Chaklala	—	24 04	20 01	05 03	33 03	32 05	29 07	—	—
Chhor	02 06	22 06	20 04	13 11	08 10	06 11	15 08	24 09	02 12
Chittagong	—	—	—	—	—	—	—	—	—
Cox's Bazar	—	—	—	—	—	—	—	—	—
Dacca	01 03	32 02	34 02	06 04	13 09	10 08	11 18	14 19	14 18
Dalbandin	—	—	20 12	23 11	25 13	23 09	22 09	27 14	26 15
D.I. Khan	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	21 05	20 06	—	—	—
Fort Sandeman	—	—	—	27 06	26 05	24 05	25 09	26 17	27 15
Jacobabad	20 10	21 11	21 07	25 03	30 03	01 05	03 05	09 08	07 02
Jessore	—	—	—	—	—	—	—	—	—
[illegible]	25 03	27 02	29 02	33 07	33 09	33 08	34 10	30 11	28 15
Jiwani	21 06	07 01	07 02	01 09	01 19	01 25	03 23	36 20	35 15
Karachi	23 06	11 04	10 08	09 11	07 15	05 14	11 10	15 03	23 06
Khanpur	27 08	26 12	26 13	24 14	22 12	23 07	35 05	12 08	24 12
Lahore	06 03	35 04	25 06	35 16	36 16	01 17	02 25	35 12	01 13
Multan	20 04	21 04	21 04	20 06	29 03	01 07	29 06	28 10	27 16
Muscat	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	35 15	35 07	25 04	—	—	—
Peshawar	—	19 15	11 12	14 06	—	—	—	—	—
Quetta	—	—	—	—	32 03	32 07	—	—	—
Sharjah	—	—	—	—	—	—	—	—	—
Sylhet	07 11	08 16	10 18	15 12	12 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	07 05	07 07	11 08	11 11	11 06	10 14
Chaklala	—	10 07	11 30	16 04	21 03	—
Chhor	26 17	24 11	19 07	09 09	09 17	10 12
Chittagong	—	—	—	—	—	—
Cox's Bazar	09 07	03 07	14 07	12 16	11 15	—
Dacca	02 07	02 07	08 09	10 11	10 15	11 13
Dalbandin	—	—	06 05	05 07	08 09	14 07
D.I. Khan	—	—	—	—	—	—
Drosh	—	—	—	22 04	24 03	30 03
Fort Sandeman	—	—	—	17 01	23 05	30 08
Jacobabad	03 17	21 18	21 10	21 05	17 07	14 05
Jessore	04 15	04 12	01 04	01 05	05 09	10 15
[illegible]	06 03	16 06	16 06	29 03	31 08	33 11
Jiwani	12 11	14 06	14 03	12 03	11 06	32 06
Karachi	—	—	—	—	—	—
Khanpur	25 13	26 10	27 08	31 08	02 07	32 04
Lahore	11 04	12 04	14 06	11 04	06 07	33 10
Multan	—	—	—	—	—	—
Muscat	—	—	—	—	—	—
Panjgur	—	—	—	30 11	15 06	36 07
Peshawar	—	02 02	02 04	02 02	12 04	23 08
Quetta	—	—	—	—	23 02	23 04
Sharjah	—	—	—	—	—	—
Sylhet	09 17	09 24	09 04	10 10	13 13	12 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	27
Bogra	03 12	08 11	09 11	18 17	09 16	09 13	11 12	11 14	11 14	09 09	10 [illegible]
Chaklala	—	16 02	17 04	25 09	37 05	31 09	31 18	—	—	—	—
Chhor	25 05	28 05	04 03	05 12	04 14	00 28	06 15	25 05	24 40	[illegible] 42	14 0[illegible]
Chittagong	—	—	—	—	—	—	—	—	—	—	—
Cox's Bazar	18 04	11 06	13 12	—	—	—	—	—	—	—	—
Dacca	06 07	08 07	09 10	11 18	11 18	09 09	10 18	13 12	12 18	[illegible] 17	09 [illegible]
Dalbandin	—	—	08 05	07 08	06 06	11 10	16 28	18 07	26 07	—	—
D.I. Khan	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	24 09	34 03	22 09	10 11	15 10	31 09	22 [illegible]
Fort Sandeman	—	—	—	01 02	02 09	31 04	01 03	35 14	20 17	29 13	26 2[illegible]
Jacobabad	15 01	19 10	17 03	18 03	23 03	10 08	18 04	22 07	22 [illegible]	25 13	23 2[illegible]
Jessore	03 01	09 03	03 05	—	—	—	—	—	—	—	—
[illegible]	17 01	16 04	16 06	18 04	—	—	—	—	—	—	—
Jiwani	13 06	05 13	05 13	05 09	36 03	33 03	03 13	07 05	06 09	05 05	28 0[illegible]
Karachi	27 07	27 05	36 03	09 06	09 12	08 11	19 09	23 06	25 04	16 04	16 [illegible]
Khanpur	26 12	25 11	25 09	14 05	07 04	01 07	06 09	08 21	09 20	—	—
Lahore	12 02	13 06	11 06	08 06	06 08	04 11	36 21	35 11	32 10	40 22	28 2[illegible]
Multan	09 02	11 02	16 06	15 10	13 04	05 04	35 14	04 [illegible]	[illegible]	10 18	—
Muscat	—	—	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	—	32 08	03 04	18 18	18 03	32 [illegible]	[illegible] 02	25 0[illegible]
Peshawar	—	02 06	05 05	07 02	20 01	27 05	27 15	28 14	24 [illegible]	[illegible] 12	24 2[illegible]
Quetta	—	—	—	—	24 07	16 07	15 11	40 09	20 14	[illegible] 12	—
Sharjah	—	—	—	—	—	—	—	—	—	—	—
Sylhet	09 17	09 23	09 21	10 17	12 05	12 08	09 09	12 09	08 10	65 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

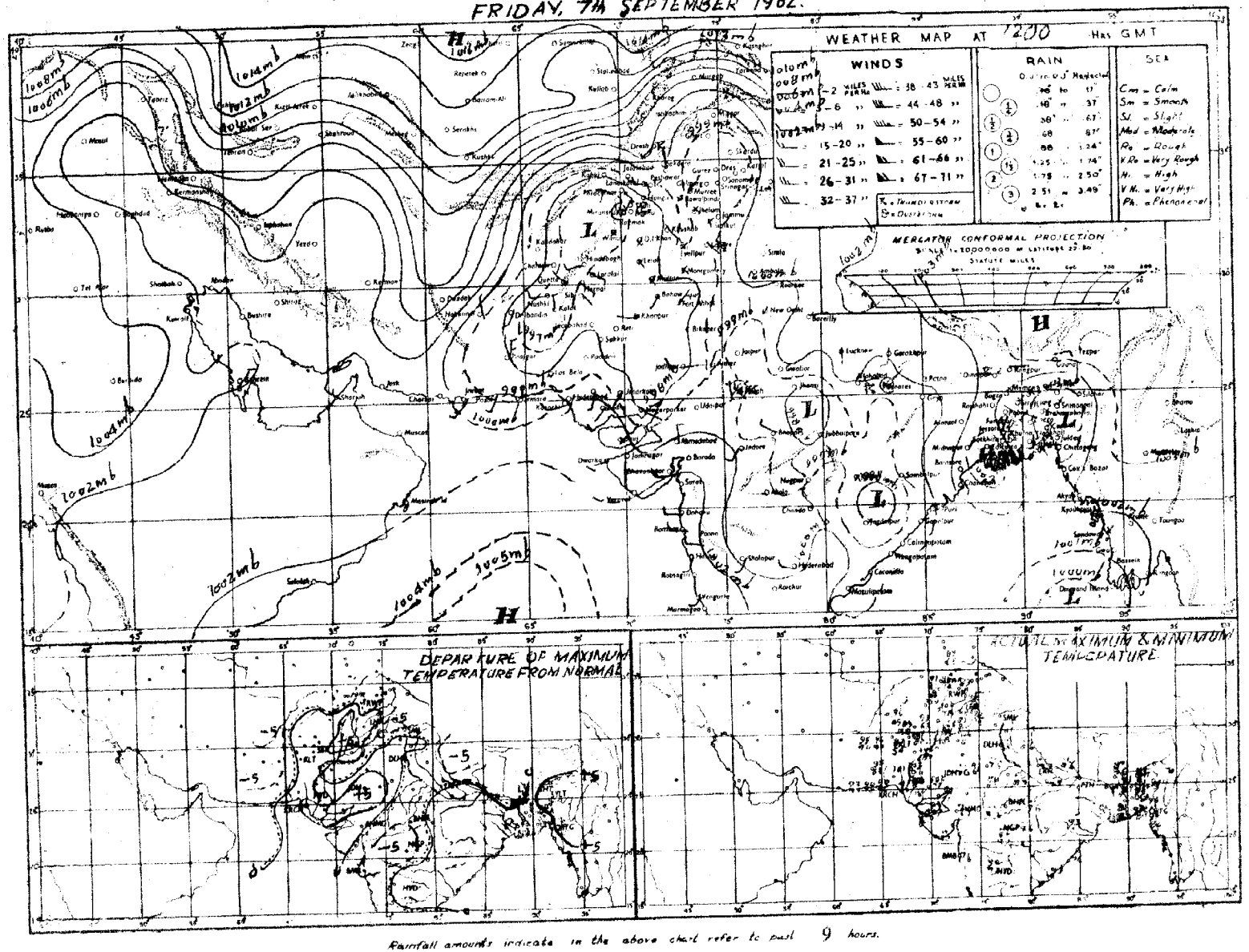
Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	20.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong	—																	
Dacca	23 02	04 02	07 04	07 09	08 12	09 14	17 05	08 11	08 12	13 13	07 15	35 12	35 56	05 08	06 09	—	—	—
Karachi	31 15	18 12	16 09	16 06	06 12	09 15	12 14	17 11	47 08	27 19	18 07	20 06	16 09	36 35	12 14	—	—	—
Peshawar	—	7 09	05 08	08 09	33 04	27 08	26 11	27 10	37 30	29 18	30 28	33 50	30 49	—	—	—	—	—
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 VrVr etc.)

PAKISTAN DAILY WEATHER MAP

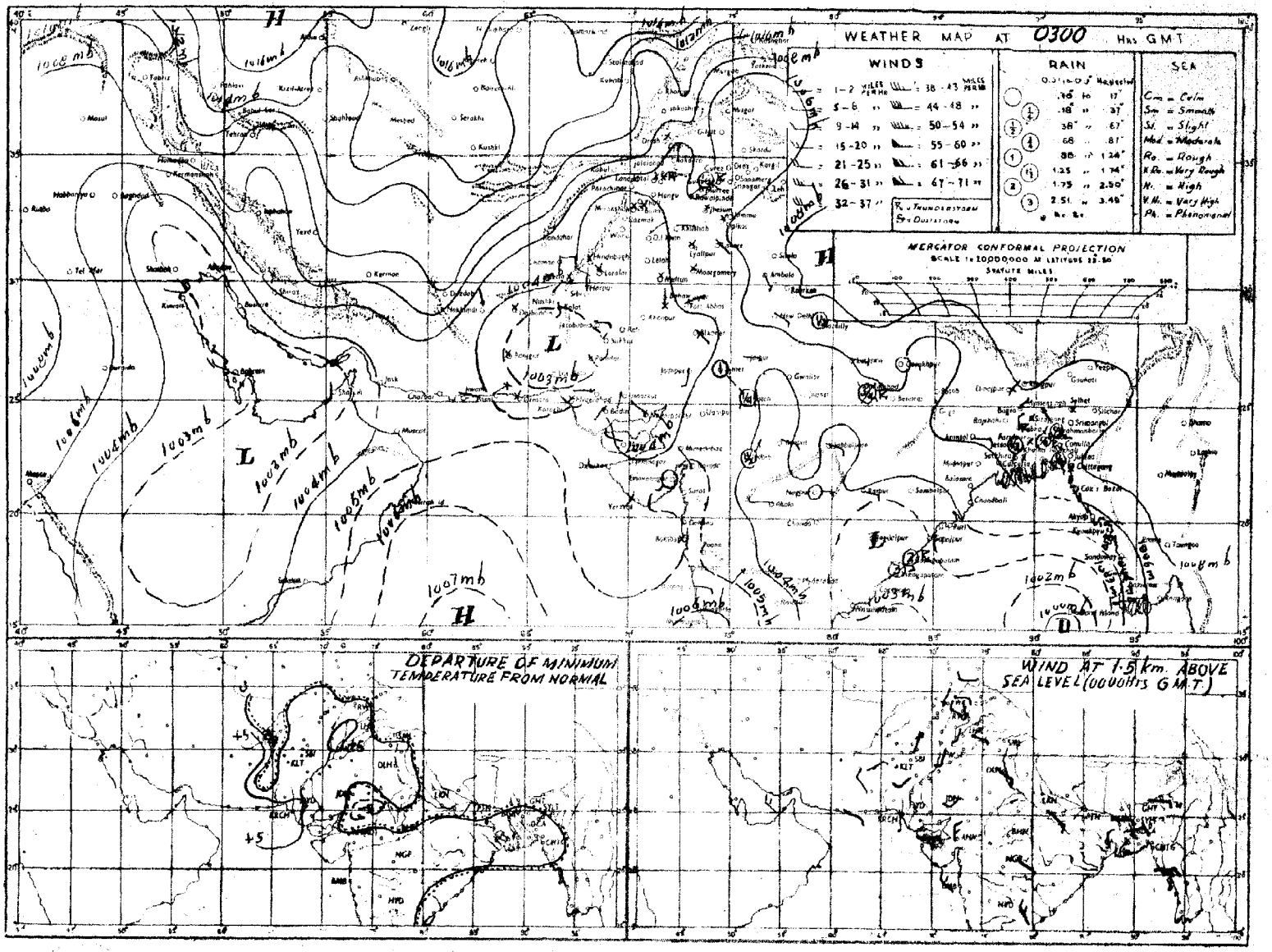
FRIDAY, 7TH SEPTEMBER 1962.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY, 8th SEPTEMBER, 1962.



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. 16

SUNDAY THE 9th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's depression in east central Bay of Bengal moved westwards and was centred last evening with its centre within a degree of latitude 15 °N and Longitude 90 °E. Latest available observations indicate that it rapidly weakened thereafter and became unimportant during night. A well marked low lying off Circavs coast is now concentrating into a depression with its central region lying near latitude 15 °N and longitude 83½ °E.

Rain/thundershowers have been widespread in Dacca division and local elsewhere in East Pakistan with a few heavy falls in Chittagong and Dacca divisions.

Yesterday's westerly low pressure wave over Afghanistan moved away eastwards.

A low pressure area has developed over Saurashtra and adjoining Hyderabad division.

The trough of low off Konkan-Kathiawar coast persists.

Thunderstorm/showers have been local in Rawalpindi, Sargodha and Peshawar divisions and scattered in D. I. Khan and Multan divisions. Light rain has also been reported from Khairpur division.

Chief amounts of rainfall are :—Dacca 5"; Brahmanbaria 3"; Narayanganj and Sirajganj 2" each; Campbellpur 1"; Comilla, Barisal and Wana ½" each and Cox's Bazar, Maijdee Court, Mymensingh, Faridpur, Satkhira, Lyallpur and Cherat 1/4" each.

Day temperatures were 6—14 °F (3—8 °C) above normal in Hyderabad division and 4—8 °F (2—4 °C) so in East Pakistan and in the eastern parts of Karachi division.

Forecast valid until the evening of 10th September, 1962 :—Local rain/thundershowers will occur in East Pakistan and dust/thunderstorms or showers in Hyderabad, Khairpur and adjoining Karachi divisions. Scattered thunderstorms/showers are also likely to occur in Lahore, Rawalpindi divisions and Kashmir.

Karachi-11
The 9th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	—																	
	Cox's Bazar	—	037	4	7	05	05	97	02	9	048	92	3	4	5	7	0	79	91
	Chittagong	—	010	1	6	00	03	97	02	9	044	82	4	6	6	2	0	81	92
	Maijdee Court	—	000	9	3	00	00	98	03	0	040	89	1	2	6	2	0	79	95
	Comilla	—	000	0	0	00	00	96	02	0	021	90	0	0	9	0	0	82	96
	Brahmanbaria	—	000	0	2	27	02	97	03	1	038	92	2	4	5	0	0	xx	93
	Sylhet	—	000	0	2	00	00	96	02	1	031	91	1	1	6	0	1	79	94
	Srimangal	—	000	0	0	00	03	96	00	0	024	92	0	0	9	0	0	83	95
Dacca	Mymensingh	—	000	0	4	13	02	97	02	1	040	91	0	0	9	0	4	78	95
	Narayanganj	—																	
	Dacca (Tezgaon)	—	000	0	2	13	02	98	02	0	034	89	1	9	6	0	3	79	93
	Faridpur	—	000	0	3	34	02	96	01	1	034	90	2	4	6	0	1	80	90
Khulna	Barisal	—	000	0	6	00	00	97	02	2	042	90	6	0	9	4	0	80	93
	Khulna	—	000	0	4	00	00	97	01	1	039	89	4	5	7	0	0	81	92
	Satkhira	—	000	0	6	00	00	97	03	2	050	88	3	4	6	2	0	81	92
	Jessore	—	000	0	4	18	02	97	02	2	044	88	4	4	6	0		xx	xx
Rajshahi	Pabna	—	000	0	3	13	02	98	01	2	033	89	0	0	9	0	2	79	93
	Sirajganj	—	000	0	0	00	00	98	00	1	032	91	0	0	9	0	0	78	94
	Bogra	—	000	0	3	09	02	96	02	0	036	90	0	0	9	0	8	78	92
	Dinajpur	—	000	0	0	00	00	96	00	0	037	92	0	0	9	0	0	80	96
	Rangpur	—	000	0	2	09	02	96	01	0	041	90	2	0	9	1	0	82	95
Kashmir	Jemmu	—																	
Lahore	Lahore (Jail Rd.)	—	000	6	5	00	00	96	03	1	036	89	1	1	7	2	0	75	93
	Sialkot	—	000	0	6	13	03	97	03	0	034	90	6	3	5	x	x	76	94
Rawalpindi	Jhelum	—																	
	Rawalpindi	—	000	0	1	18	02	98	00	0	023	92	1	2	6	0	0	71	93
	Campbellpur	—	000	0	0	18	02	98	00	0	959	96	0	0	9	0	0	64	97
Sargodha	Khushab	—	000	0	0	09	05	98	00	0	029	93	0	0	9	0	0	79	93
	Lyallpur	—	031	3	6	29	03	96	02	9	046	94	6	7	8	0	0	78	90
Multan	Montgomery	—	000	0	7	05	03	96	00	0	055	87	7	4	7	0	0	70	99
	Multan	—	000	0	3	00	00	96	03	0	006	02	2	1	6	0	0	66	06
	Leiah	—	000	0	0	00	00	96	00	0	977	04	0	0	9	0	0	71	07
Bahawalpur	Khanpur	—	000	0	1	36	05	95	05	0	998	01	1	2	6	0	0	70	04
	Bahawalpur	—	000	0	0	05	02	98	00	0	063	02	0	0	9	0	0	75	03
	Fort Abbas	—	000	0	0	05	02	98	00	0	xxx	xx	0	0	9	0	0	71	04
Peshawar	Chakdara	—	000	0	0	36	01	97	00	0	070	90	0	0	9	0	0	68	93
	Peshawar	—	000	0	2	05	03	97	03	1	015	93	1	9	6	0	1	63	96
	Haripur	—	000	0	0	23	01	97	00	0	978	91	0	0	9	0	0	73	93
D. I. Khan	Bannu	—	000	0	6	00	00	99	03	1	998	95	0	0	9	0	6	79	99
	D. I. Khan	—	000	0	8	13	02	98	06	0	029	93	0	0	9	0	0	73	02
Quetta	Sibi	—	000	0	0	23	02	9	05	0	960	05	0	0	9	0	0	64	06
Kalat	Nokkundi	—	000	0	0	36	02	98	02	0	002	98	0	0	9	0	0	33	01
	Turbat	—	000	0	0	27	02	97	00	0	989	10	0	0	9	0	0	58	12
	Jiwani	—	000	0	0	18	10	97	02	0	023	85	0	0	9	0	0	76	87
	Pasni	—	000	0	8	23	06	95	02	1	101	86	0	0	9	4	3	78	92
Karachi Division	Ormara	—	000	0	0	27	09	94	00	0	010	87	0	0	9	0	0	80	88
	Lasbela	—	000	0	4	00	00	98	04	0	xxx	97	4	0	9	4	0	83	03
	Karachi (Manora)	—	000	0	0	25	12	96	02	0	013	86	0	0	9	0	0	78	90
	Karachi (Airport)	—	000	0	1	23	10	96	02	0	011	93	1	1	6	0	0	67	99
Hyderabad	Nagarparkar	—	000	0	5	23	01	97	00	0	980	95	0	5	7	0	0	73	02
	Umerkot	—	000	0	0	23	01	98	02	0	987	04	0	0	9	0	0	73	04
	Hyderabad	—	000	0	0	00	00	97	02	0	003	10	0	0	9	0	0	51	11
	Badin	—	000	0	0	23	02	97	00	0	025	01	0	0	9	0	0	73	04
Khairpur	Padidan	—	014	0	5	18	07	98	02	6	003	99	3	2	6	1	0	69	01
	Nawabshah	—	000	0	3	05	09	96	05	0	014	98	3	3	6	0	0	68	06
	Sukkur	—	000	4	3	34	03	97	03	1	999	00	3	0	9	0	0	73	03
	Kashmore	—	000	0	0	00	00	95	10	0	977	99	0	0	9	0	0	69	95
	Jacobabad	—	000	0	0	18	02	97	00	0	002	04	0	0	9	0	0	93	05
Junagadh	Veraval	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Afghanistan	Islamabad	—																	
Arabia	Muscat	—																	
	Kuwait	—																	
	HILL STATIONS																		
Kashmir	Srinagar	* —	xxx	x	6	23	04	98	01	2	446	79	4	3	6	1	0	48	xx
	Gulmarg	** —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sonamarg	** —																	
	Dras	** —																	
	Leh	* —																	
	Skardu	** —	000	0	2	13	05	98	01	0	140	61	2	1	8		0	37	65
	Misgar	* —																	
	Aliabad	* —																	
	Gilgit	* —	000	0	5	00	00	98	01	1	486	84	5	5	8	0	0	55	87
Rawalpindi	Murree	* —	003	7	6	00	00	97	02	6	473	68	6	5	4	0	0	60	71
Peshawar	Drosh	* —	000	0	4	23	05	98	03	9	450	87	4	8	7	0	0	47	03
	Cherat	* —	000	0	0	18	01	98	02	0	415	88	0	0	9	0	0	86	92
	Kakul	* —	000	0	0	16	03	96	05	1	472	79	0	0	9	0	0	62	84
	Landikotal	* —	000	0	3	13	02	97	03	0	461	88	3	2	7	0	0	66	89
	Parachinar	* —	000	0	6	13	12	98	03	2	469	78	6	6	8	0	0	61	80
D. I. Khan	Miranshah	* —	000	0	0	05	05	99	00	0	458	90	0	0	9	0	0	86	91
	Wana	* —	040	0	0	00	00	99	00	0	517	78	0	0	9	0	0	53	90
Quetta	Fort Sandeman	* —	000	0	2	00	00	99	01	0	462	91	2	0	8	3	0	32	95
	Hindubagh	* —	000	0	6	13	02	97	00	0	418	86	0	0	9	0	8	68	89
	Loralai	* —	000	0	5	20	03	99	00	0	415	87	0	0	9	1	2	57	99
	Harnai	* —	000	0	0	13	05	97	00	0	443	96	0	0	9	0	0	49	97
	Quetta	* —	000	0	3	31	02	96	02	0	464	85	3	1	5	0	0	66	88
	Chaman	* —	000	0	0	27	07	98	00	0	442	93	0	0	9	0	0	29	94
	Nushki	* —	000	0	0	37	09	96	05	4	503	95	0	0	9	0	0	47	95
	Dalbandin	* —	000	0	0	13	05	94	05	0	472	98	0	0	9	0	0	54	00
Kalat	Kalat	* —	000	0	0	05	03	96	00	0	440	81	0	0	9	0	0	74	84
	Panjgur	* —	000	0	0	36	02	97	02	0	465	99	0	0	9	0	0	43	96
Afghanistan	Kabul	* —																	
	Kandhar	* —																	

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: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati																							—
	Cox's Bazar	037	0	6	00	00	97	01	2	082	80	3	8	5	2	0	78	80	+ 5	+ 4	91.9	− 8.5	102.7	140
	Chittagong	010	0	7	13	05	97	02	2	088	87	2	5	6	0	0	79	xx	+ 5	—	67.3	− 2.7	80.7	108
	Maijdee Court	020	9	8	02	02	96	03	6	097	83	1	1	5	2	x	79	79	+ 7	+ 1	—	—	—	115
	Comilla	061	3	8	00	02	97	02	9	077	74	8	4	4	x	x	79	78	+ 8	+ 1	46.2	− 9.7	59.4	94
	Brahmanbaria	285	2	6	27	02	97	03	9	096	81	6	4	5	0	0	78	76	—	—	43.5	+ 1.5	44.0	78
	Sylhet	000	0	3	09	02	96	03	0	092	87	5	5	3	0	1	71	78	—	—	88.3	—	12.4	—
	Srimangal	000	0	4	00	00	95	03	0	099	83	4	0	4	0	0	77	78	+ 4	+ 3	—	—	—	[illegible]
Dacca	Mymensingh	025	2	2	12	03	97	02	9	105	81	0	9	9	0	4	75	76	—	− 2	45.1	− 8.1	61.0	91
	Narayanganj	176	4	8	00	00	97	24	9	096	80	4	4	0	2	x	69	78		− 1	37.6	− 4.5	54.9	74
	Dacca (Tezgaon)	457	6	6	00	00	97	29	9	094	78	1	5	5	2	x	78	73	—	—	48.6	—	53.5	—
	Faridpur	018	3	8	16	02	96	02	9	094	82	6	5	5	1	0	79	79	+ 2	0	31.0	−10.0	44.3	71
Khulna	Barisal	047	4	8	13	05	96	51	6	xxx	xx	6	7	6	4	0	77	78	+ 5	0	37.7	−12.0	51.4	81
	Khulna	000	0	7	09	05	97	03	2	099	82	7	5	4	0	0	79	77	+ 4	− 1	—	—	—	68
	Satkhira	020	5	7	05	03	95	03	6	037	95	4	4	4	2	0	79	76	+ 3	− 2	42.0	+ 1.8	49.2	65
	Jessore	000	0	8	07	07	96	03	2	099	84	8	7	5	x	x	80	78	x	—	31.3	− 6.9	41.5	65
Rajshahi	Pabna	036	3	8	09	05	97	63	5	092	80	8	0	9	9	x	79	79	—	—	36.1	—	54.5	57
	Sirajganj	180	2	8	00	00	97	63	9	099	77	8	7	4	0	0	75	74	+ 6	− 4	32.2	− 6.4	45.2	64
	Bogra	000	0	6	13	12	96	03	2	099	84	3	4	5	0	†	77	82	+ 3	+ 4	—	—	—	69
	Dinajpur	000	0	0	00	00	96	03	0	090	80	0	0	9	0	0	81	78	+ 7	0	—	—	—	73
	Rangpur	000	0	5	09	02	96	03	0	092	87	5	0	9	1	0	81	81	+ 7	+ 3	40.5	−12.0	62.6	84
Kashmir	Jemmu																							—
Lahore	Lahore (Jail Rd.)	000	9	5	00	00	96	03	1	084	93	5	3	4	8	3	75	75	− 4	0	8.4	− 5.1	14.8	19
	Sialkot	000	0	0	05	03	98	00	0	xxx	69	0	0	9	0	0	76	82	− 1	+ 6	22.1	+ 0.6	26.5	32
Rawalpindi	Jhelum	000	9	1	00	00	97	00	5	088	82	1	0	9	8	0	73	78		—	18.5	—	24.6	
	Rawalpindi	002	0	7	29	09	98	03	2	104	75	7	6	5	6	0	67	73	− 1	+ 2	24.2	+ 3.0	30.8	36
	Campbellpur	000	0	9	27	02	97	00	0	113	69	0	2	8	0	2	67	69	—	—	9.6	—	17.9	—
Sargodha	Khushab	000	3	5	09	07	96	02	5	002	82	2	2	7	3	0	80	81	− 7	+ 2	2.4	− 7.0	7.3	15
	Lyallpur	031	6	0	00	00	96	00	0	073	79	0	0	9	0	0	75	78	− 7	+ 1	5.9	− 2.6	9.7	12
Multan	Montgomery	000	0	0	05	02	96	02	1	085	78	0	0	9	0	0	75	79	− 2	0	7.5	+ 1.0	10.6	10
	Multan	000	9	0	09	02	98	02	9	062	87	0	0	9	0	0	75	83	+ 7	+ 3	1.2	− 3.5	2.9	7
	Leiah	...	—		...	..					...				...	...	—	—	—					8
Bahawalpur	Khanpur	000	0	1	05	02	95	05	0	050	88	1	0	9	3	0	75	82	− 1	+ 4	3.3	− 1.4	4.3	6
	Bahawalpur	000	0	0	00	00	98	00	0	066	88	0	0	9	0	0	78	88	+ 2	+ 11	1.8	− 2.3	2.5	6
	Fort Abbas	000	0	0	27	02	98	00	0	060	85	0	0	9	0	0	76	80	—	—	0.6	—	0.9	8
Peshawar	Chakdara	000	0	4	36	02	97	03	0	071	75	4	3	7	0	0	71	72	—	—	6.8	—	16.1	—
	Peshawar	000	4	7	05	07	97	03	9	104	74	5	9	6	2	0	66	74	0	0	1.7	− 2.2	8.3	11
	Haripur	000	0	0	05	01	97	00	0	057	78	0	0	9	0	0	65	73	—	—	18.9	—	25.5	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	049	84	0	0	9	0	0	72	78	—	—	2.0	—	5.0	11
	D. I. Khan	000	0	0	05	02	98	00	0	071	83	0	0	9	0	0	76	79	+ 1	+ 1	1.6	− 3.5	4.4	9
Quetta	Sibi	000	0	0	36	02	98	00	0	021	86	0	0	9	0	0	64	86	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	0	0	36	02	98	02	0	068	85	0	0	9	0	0	19	77	—	—	0	—	0.1	2
	Turbat	000	0	0	27	02	96	05	0	053	84	0	0	9	0	0	71	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	0	23	02	96	02	0	060	80	0	0	9	0	0	76	75	—	—	1.2	—	1.9	5
	Pasni	000	3	9	25	14	96	04	1	014	81	8	4	7	0	0	78	81	+ 2	+ 9	0	− 0.9	0.2	6
Karachi Division	Ormara	000	0	0	27	07	94	00	0	045	82	0	0	9	0	0	79	80	—	—	0.1	− 0.7	2.0	6
	Lasbela																		—					8
	Karachi (Manora)	000	0	6	31	07	96	03	2	033	83	0	0	9	9	0	73	91	+ 5	+ 3	3.7	− 2.0	3.7	8
	Karachi (Airport)	000	0	5	29	03	96	03	1	039	84	5	0	9	3	0	77	82	—	—	4.9	—	4.9	—
Hyderabad	Nagarparkar	000	0	2	00	00	97	00	0	975	88	0	2	7	0	0	70	70	—	—	6.4	—	6.4	—
	Umerkot	000	0	3	11	01	97	02	0	034	87	0	0	8	0	9	75	81	—	—	5.3	—	5.4	—
	Hyderabad	000	0	3	02	02	97	01	1	035	91	0	0	9	0	1	74	87	+ 14	+ 10	4.3	− 1.3	5.1	7
	Badin	000	0	0	00	00	97	00	0	051	86	0	0	9	0	0	77	81	+ 10	+ 3	3.8	− 3.1	4.4	9
Khairpur	Padidan	015	9	2	36	05	98	02	0	041	85	2	0	9	2	0	72	80	—	—	2.4	—	3.0	—
	Nawabshah	000	0	2	36	03	96	03	0	049	89	0	0	9	0	1	73	84	—	—	2.7	—	3.1	—
	Sukkur	000	0	0	11	07	94	05	4	043	90	0	0	9	0	0	73	85	—	—	2.5	—	2.5	4
	Kashmore	000	0	0	01	00	97	00	0	996	86	0	0	9	0	0	71	68	—	—	0.5	—	0.5	—
	Jacobabad	000	0	0	05	07	96	05	0	056	92	0	0	9	0	0	83	88	+ 2	+ 9	1.0	− 1.1	1.9	4
Junagadh	Veraval	xxx	x	7	00	00	96	01	2	047	79	7	0	8	x	x	77	75		—	—	—	—	10
Afghanistan	Islamabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar	xxx	x	0	00	00	97	02	0	489	72	1	4	6	3	0	55	60	—	—	—	—	—	26
	Gulmarg	xxx	x	4	26	02	97	02	2	138	57	3	2	5	4	0	48	46		—	—	—	—	—
	Sonamarg																							71
	Dras																							26
	Leh																							3
	Skardu	000	0	3	31	03	98	01	0	163	50	0	0	9	4	0	xx	43	—	—	—	—	—	6
	Misgar																							—
	Aliabad																							—
	Gilgit	000	0	0	0	00	99	00	0	018	74	0	0	9	0	0	54	65	—	—	—	—	—	5
Rawalpindi	Murree	003	9	6	27	02	94	03	1	502	60	8	5	2	x	x	57	63	+ 1	− 8	26.3	− 6.1	44.6	59
Peshawar	Drosh	000	0	1	00	00	98	01	0	504	72	1	1	6	0	0	54	66	+ 3	− 1	4.4	—	16.4	18
	Cherat	031	3	8	05	13	98	03	9	450	64	8	8	6	0	0	61	61	+ 7	− 6	11.4	+ 0.4	35.2	23
	Kakul	000	9	6	22	02	96	63	1	509	68	8	7	x	x	x	65	65	—	—	26.9	—	32.5	—
	Landikotal	000	0	4	13	05	97	03	0	499	72	4	7	7	0	0	66	70	—	—	1.9	—	18.1	—
	Parachinar	000	0	0	00	00	99	00	0	592	65	x	x	x	x	x	53	64	− 3	—	10.5	—	24.0	29
D. I. Khan	Miranshah	000	0	0	00	03	98	03	2	484	77	x	x	x	x	x	71	73	—	—	1.1	− 2.8	2.9	13
	Wana	000	0	0	00	00	97	00	0	505	57	0	0	9	0	0	62	64	—	—	4.6	—	12.9	11
Quetta	Fort Sandeman	003	0	0	00	00	96	05	4	506	76	0	0	8	0	0	63	73	+ 1	+ 5	5.0	+ 0.1	9.7	11
	Hindubagh	000	0	0	27	03	97	00	0	453	71	0	0	9	0	0	53	63	—	—	0.8	—	4.6	—
	Loralai	000	0	0	27	02	99	01	0	383	79	0	0	9	0	0	57	65	—	—	1.1	—	4.6	9
	Harnai	000	0	0	31	05	97	00	0	468	84	0	0	9	0	0	55	79	—	—	4.4	− 2.6	7.6	14
	Quetta	000	0	0	00	00	96	00	0	448	70	0	0	9	0	0	56	60	0	+ 3	0.1	− 0.9	4.3	3
	Chaman	000	0	0	09	05	98	00	0	486	76	0	0	9	0	0	24	66	+ 1	0	0	− 0.1	1.3	8
	Nushki	000	0	0	09	09	98	02	0	501	80	0	0	9	0	0	46	75	—	—	0	—	1.6	—
	Dalbandin	000	0	0	00	00	94	05	0	464	71	0	0	9	0	0	33	67	− 1	+ 4	0	− 0.2	1.1	4
Kalat	Kalat	000	0	0	18	02	96	00	0	475	64	0	0	9	0	0	61	51	− 1	0	0.2	− 0.9	2.1	7
	Panjgur	000	0	0	09	05	97	02	0	481	74	0	0	9	0	0	24	69	0	+ 2	0.3	—	1.3	5
Afghanistan	Kabul																							12
	Kandhar																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 9th SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhCLhCMCH	DsVs a PP	8 NsChshs	OTsTsTdTd	IdwdwPwHw
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dwarka	73 242	670 00	9 33 03	98 0 20	033 81	00 9 80	75 8 26	...	85 4 73	1x x xx
Seihomaru	73 205	664 02	3 27 06	97 0 21	040 79	28 3 50	75 3 10	...	05 2 73	12 7 21
Mcliskerk	73 162	623 06	8 26 14	96 0 31	010 81	85 4 02	65 2 12	...	00 3 75	12 6 33
Limbury	73 232	615 06	8 15 06	97 0 22	046 82	62 4 68	34 2 10	...	00 2 81	11 5 20
Bauggar	73 163	573 06	8 22 14	97 0 32	058 75	85 5 xx	16 1 02	...	00 4 73	12 2 22
World Heath	73 268	527 06	0 16 04	97 0 24	072 95	00 x 00	25 2 17	...	05 1 82	11 6 x0
Warld Hill	73 202	590 12	6 23 12	98 0 22	035 79	37 4 10	15 7 21	...	00 4 73	12 2 x2
World Heath	73 264	584 12	0 28 06	99 0 00	055 93	00 9 02	25 7 10	...	05 1 83	10 0 x0
Mitiskerk	73 162	606 72	6 22 15	98 0 21	039 81	62 4 99	65 7 14	...	08 3 75	12 2 23
Borwcs	79 249	677 12	0 12 08	98 0 27	077 93	00 9 00	75 7 10	...	00 4 84	11 2 21
Dwarka	73 149	655 18	0 27 04	99 0 30	059 92	00 9 09	65 7 30	...	05 1 79	12 5 33
Oralembirg	73 213	640 18	3 11 05	98 0 10	050 79	33 4 00	26 3 12	...	05 3 77	11 1 20
Fatehabad	73 167	819 18	7 99 09	98 0 12	043 81	0x x xx	34 1 07	...	05 6 76	14 9 20

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000mb	900mb	850mb	800mb HHHTTTTdTdTd	700mb	600mb	500mb	400mb	300mb HHHTTT	200mb	150mb	100mb
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	...													
Chittagong	...													
Dacca	00 00	072 225 208	...	...	144 148 118	...	...	...	...	...	...	...	...	...
Jiwani	...													
Karachi	00 00	001 282 252	035 268 215	...	140 232 168	...	312 152 102	441 082 042	587 555 585	768 690 999				...
Lahore	00 00	984 288 202	071 999 999	...	149 175 135	...	313 088 015	438 528 999	581 588 999	751 662 999	964 740	248 805	447 825	...
Multan	...													
Peshawar	00 00	967 262 218	...	...	150 205 993	...	313 070 999	437 567 999	...	...	...	...	...	...
Quetta	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE St.HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	...												
Chittagong	...												
Dacca	00 00	007 265 288	800 102 072	...	...	...	...	...	...	...	830 102 072	...	...
Jiwani	...												
Karachi	00 00	900 255 202	800 205 152	...	...	...	...	...	...	...	800 205 152	...	...
Lahore	00 00	900 222 152	...	...	...	...	...	...	...	...	900 222 152	...	...
Multan	...												
Peshawar	00 00										600 560 999	...	...
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*

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

Height in Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	0.3	0.6	0.9	1.5	2.1	3.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Bogra	09 10	09 13	11 14	11 17	11 18	12 17	11 14	12 14	13 18	...					
Chakiala	...	20 04	21 03	28 05	30 06	34 11	32 12	33 12		...	05 06	13 09	20 09	28 13	35 15
Chhor	23 08	36 04	36 05	03 11	03 15	05 25	06 20	03 16	29 21	24 10	08 02	12 04	07 16	04 21	04 25
Chittagong	16 10	16 13	17 17	...	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	27 01	17 04	16 12	13 21						...	...	...	...	...	...
Dacca	12 08	14 06	12 08	12 13	13 15	11 16	12 22	11 21	09 12	...	...	...	...	...	...
Dalbandin	...	...	10 03	09 08	09 11	08 05	07 06	06 05	34 05	...	...	08 10	03 11	07 10	19 03
D. I. Khan	...	...	...	...					...	...	...	...			
Drosh	...	...	...	...	24 08	25 10	26 09	21 05	...	...	...	...	24 01	26 01	24 02
Fort Sandeman	...	...	...	12 06	16 12	19 05	31 02	28 13	...	...	...	...	04 05	25 02	23 03
Jacobabad	36 10	17 13	21 04	23 06	07 10	08 10	09 08	10 09	28 19	07 12	07 06	10 07	06 03	18 09	12 09
Jessore	18 02	13 10	13 12	12 15	...		...	...	...						
Jhelum	16 09	18 04	10 05	09 03	35 07	24 01	...		...	13 10	12 14	13 09	18 07	20 05	24 07
Jiwani	26 12	14 10	02 09	02 13	34 06	21 04	03 12	01 09	10 03	35 04	04 03	02 05	04 08	06 13	04 09
Karachi	35 08	30 04	08 05	02 31	13 25	09 14	09 12	34 02	29 07						
Khanpur	09 03	36 15	36 12	07 13	08 14	07 13	05 15	04 12	08 08	09 10	12 09	13 07	06 10	03 17	04 13
Lahore	14 03	02 05	01 04	08 03	04 08	36 13	36 15	35 16	31 10	12 10	15 11	13 12	12 13	12 08	05 07
Multan	...	16 03	14 03	12 05	11 06	36 08	36 07	...	...	12 13	14 23	16 24	...	...	...
Muscat	...	...	...							...	...	...			
Panigur	...	...	...	35 03	35 02	16 09	17 06	26 05	33 02	...	...	...	35 12	04 08	06 02
Peshawar	...	12 01	19 04	18 10	24 04	30 10	33 09	33 07	30 10	...	02 03	35 03	24 05	25 07	
Quetta	...	...	...	...	29 07	34 08	05 10	12 11	07 13	...	...	...	...	31 03	33 05
Sharjah						...		...	...	...	...	...	...		...
Sylhet	11 14	11 17	11 17	10 08	10 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	...								...	...	...
Chakiala	...	15 06	18 03	27 06	30 05	30 05	34 05	82 05	...	...	...
Chhor	09 11	08 11	06 15	07 16	06 23	04 35	04 35	06 31	07 13	23 10	...
Chittagong	...	...	...	...	...	...	...	...	...	...	...
Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...
Dacca	18 02	17 04	15 08	15 13	10 13	12 19	13 17	12 18	...	...	
Dalbandin	...	...	08 05	06 12	06 12	29 05	09 01	17 06	04 08	03 12	...
D. I. Khan	...	...	...	...	...	...	...	...	...	...	
Drosh	...	...	...	...	22 02	21 05	21 07	23 09	24 16	31 07	32 0
Fort Sandeman	...	...	...	36 03	03 02	35 07	...		...	...	
Jacobabad	11 12	09 14	12 14	12 06	07 08	03 09	02 11	06 13	11 15	20 11	05 0
Jessore	09 07	11 21	13 28	12 37	12 29						...
Jhelum	10 01	10 03	10 04	32 04	34 10	35 08	03 05	05 03	07 04	22 01	14 0
Jiwani	34 09	02 10	05 11	05 11	06 09	06 02	10 06	12 06	07 07	18 03	
Karachi	05 11	04 12	04 15	06 14	09 16	08 02	09 19	11 13	12 03	10 08	...
Khanpur	05 07	06 10	06 13	06 10	05 21	02 20	07 23	18 12	24 10	...	...
Lahore	11 11	11 10	10 08	09 06	08 10	...	...		...	...	...
Multan	11 03	07 03	07 03	05 07	04 09	36 10	06 10	07 17	...	...	...
Muscat	...	...	...	...					...	...	...
Panigur	...	...	...	02 10	05 11	06 10	12 05	14 20	06 10	...	...
Peshawar	...	...	...	...							...
Quetta	...	...	...	...	25 04	30 07	38 03	17 09	32 10	32 09	...
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	12 03	10 08	10 03	15 05	...	...	...		...	...	...	...	...	...	...	...	...	...
Karachi	28 18	34 23	04 23	04 21	09 19	05 21	03 19	06 21	04 24	...	...	...	...	...	...	...	...	...
Peshawar	...	31 04	02 01	09 01	33 01	33 04	28 09	24 06	28 11	27 15	27 19	...	...	...	...	...	...	...
Quetta																		

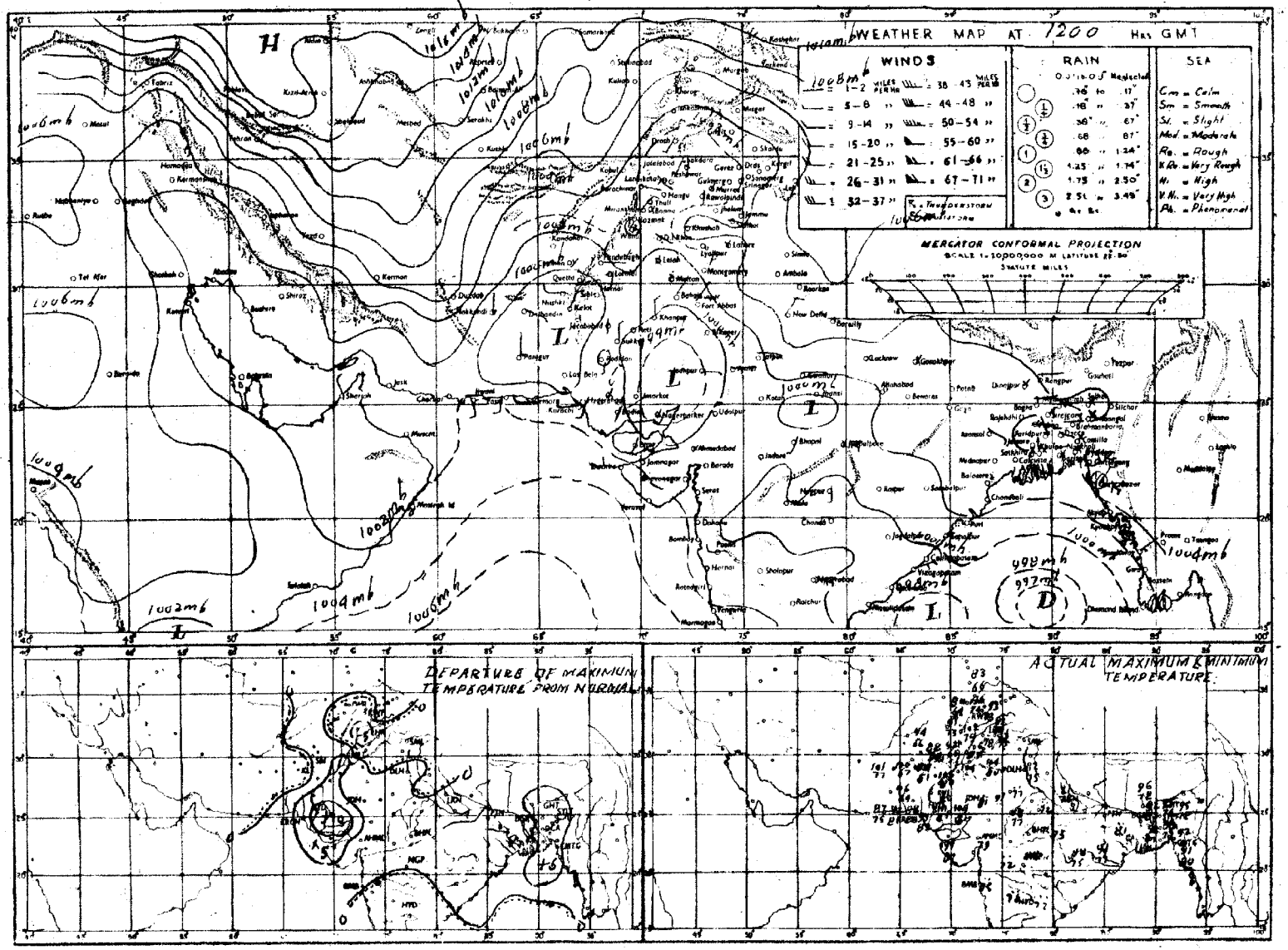
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd VrVr etc.)

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

PAKISTAN DAILY WEATHER MAP

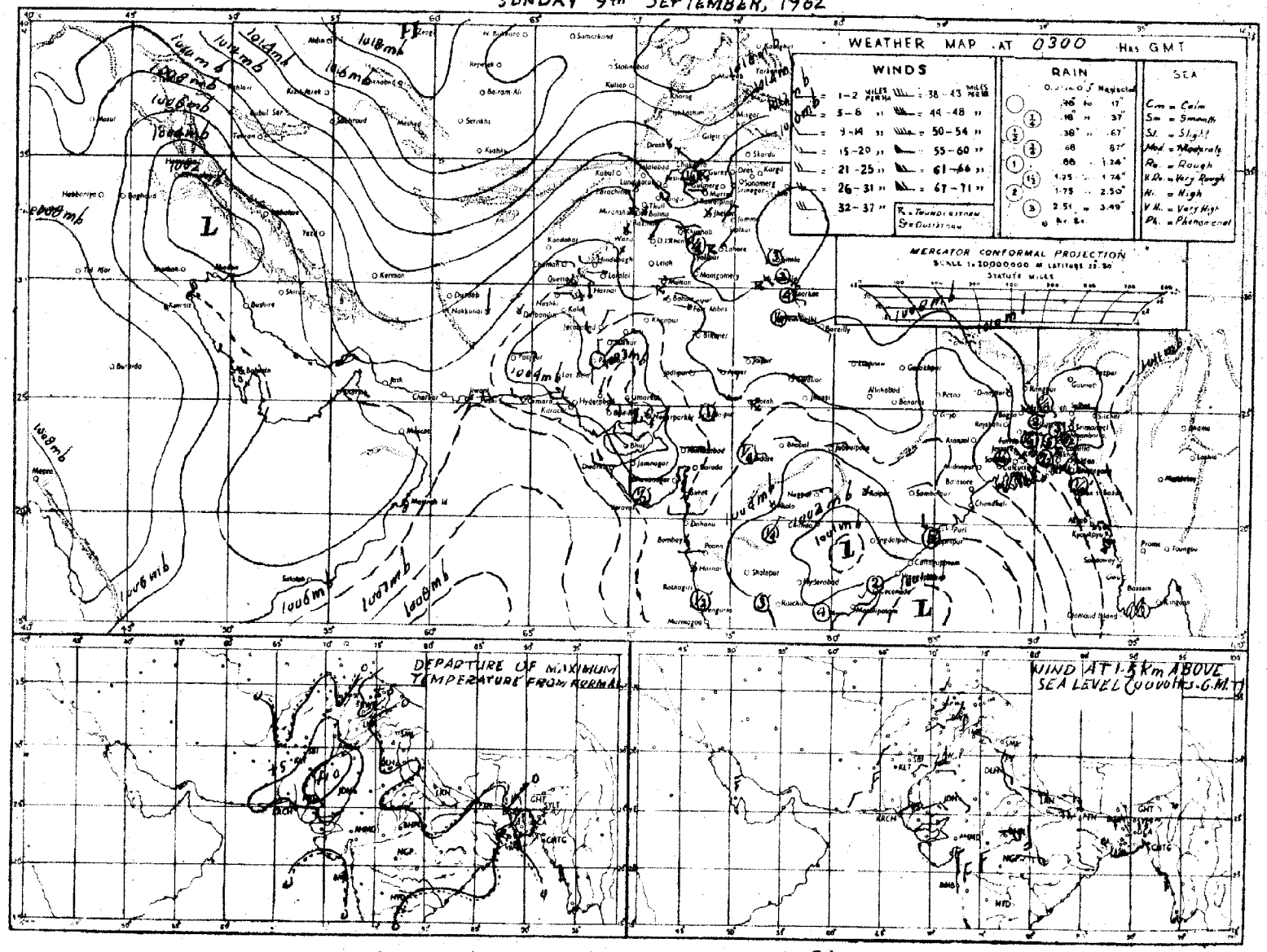
SATURDAY 8th SEPTEMBER, 1962.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 9th SEPTEMBER, 1962



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

MONDAY THE 10th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's well marked low off Circars coast moved inland and lay at 09,12002 over Madhya Pradesh and adjoining areas. It moved westwards, weakened and now lies as a trough of low over South Madhya Bharat and neighbourhood.

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

The low pressure area over Saurashtra and adjoining Hyderabad division has become unimportant.

The trough of low off Kathiawar coast has developed into a well marked low over Kutch and adjoining areas. It is likely to intensify and moved westwards.

Local rain has fallen in Peshawar division and scattered in Quetta division. A few falls of light rain have also been reported from Bahawalpur and Hyderabad divisions and a few duststorms from Sargodha, Multan and D. I. Khan divisions.

Chief amounts of rainfall are :—Chittagong and Barisal 1½" each; Maijdee Court and Satkhira 1" each; Narayanganj, Dinajpur, Parachinar and Harnai 3/4" each; Comilla and Haripur 1/2" each and Faridpur and Khulna 1/4" each.

Day temperatures were 8—17 °F (4—9 °C) above normal in Karachi and Hyderabad divisions. 3—6 °F (2—3 °C) so in Rajshahi and Chittagong divisions and 3—5 °F (2—3 °C) below normal in D. I. Khan, Sargodha, Lahore, Multan and Khairpur divisions and in southern parts of Peshawar division.

Forecast valid until the evening of 11th September, 1962 :—Fairly widespread rain/thundershowers will occur in Hyderabad division, local in East Pakistan, Karachi, Khairpur, Quetta, Lahore, Rawalpindi divisions and Kashmir and scattered elsewhere in the country outside Katat divisions.

Karachi-11
The 10th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
for Director, Meteorological Service.

Divisions (1)	Stations (2)	AT 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents RRR (3)	Past weather commenced at † Wc (4)	Total cloud amount N (5)	Wind direction in tens of degrees dd (6)	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)	At 0300 Hrs. G.M.T. of date: 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)	Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati —	000	5	7	18	05	95	29	9	075	86	5	7	4	2	0	77	84	000	9	6	09	02	98	05	9	100	83	4	8	6	8	3	76	78	—	—	—	—	—	—
	Cox's Bazar —	006	3	8	20	13	97	02	5	066	82	4	4	5	2	x	78	89	011	9	7	00	00	97	01	6	087	83	4	8	5	3	0	77	77	+ 3	+ 1	92.1	− 9.9	102.8	140
	Chittagong —	133	2	8	16	03	97	61	9	064	78	4	3	4	2	x	79	xx	133	0	4	00	00	97	02	2	085	85	3	5	6	1	0	77	76	×	0	68.6	− 1.8	82.4	408
	Maijdee Court —	000	9	8	38	05	96	03	2	066	84	5	5	6	2	x	78	xx	100	5	6	13	02	96	01	6	096	85	2	2	5	3	x	78	75	—	3	—	—	—	115
	Comilla —	035	4	8	00	00	96	02	9	041	83	8	4	4	x	x	79	92	067	6	6	00	00	97	02	6	073	86	6	4	6	0	0	78	77	+ 4	0	46.8	− 9.3	60.0	94
	Brahmanbaria —	000	0	6	18	07	97	03	1	C61	81	6	4	5	0	0	83	91	000	0	2	13	03	97	03	1	093	85	2	0	9	0	2	76	xx	—	—	43.5	+ 1.3	61.0	78
	Sylhet —	000	0	3	27	05	96	01	1	049	86	3	2	6	0	1	81	93	015	0	4	09	05	96	02	9	089	85	4	4	6	3	0	77	76	—	—	89.5	—	42.5	—
	Srimangal —																																								98
Dacca	Mymensingh —	000	0	8	00	00	97	02	1	058	89	8	7	4	x	x	79	97	003	2	8	13	02	97	02	6	102	80	8	8	5	4	x	76	77	+ 4	— 1	45.1	− 8.5	61.1	91
	Narayanganj —	003	9	8	00	00	96	02	9	029	84	8	4	1	x	x	78	94	072	9	7	09	02	97	00	9	091	83	7	4	2	x	x	78	79	+ 1	0	38.3	− 4.1	55.6	74
	Dacca (Tezgaon) —	000	0	9	20	32	97	20	0	058	83	5	9	4	2	0	77	90	004	9	7	13	02	97	02	6	107	80	5	1	6	8	5	79	73	—	—	48.7	—	53.6	—
	Faridpur —	031	3	8	16	03	96	60	6	047	82	6	4	5	1	0	81	88	031	0	7	00	00	97	02	2	087	84	4	5	6	1	0	78	80	0	+ 1	31.3	− 10.0	44.6	71
Khulna	Barisal —	042	0	6	18	02	97	02	6	061	83	6	0	9	4	0	77	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					81
	Khulna —	020	3	5	00	00	97	01	6	060	xx	5	5	4	0	0	79	96	029	0	5	00	00	97	01	2	091	85	5	5	6	0	0	79	79	− 2	+ 1	—	—	—	68
	Satkhira —	058	5	6	00	00	96	03	6	073	79	2	4	6	2	0	75	90	118	4	7	00	00	97	03	6	080	85	5	0	9	2	0	79	74	+ 1	− 4	43.2	+ 2.7	50.4	65
	Jessore —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	030	0	6	09	05	97	02	2	085	83	4	0	9	6	2	78	78		—	31.3	− 7.2	41.5	65
Rajshahi	Pabna —	003	9	4	18	05	98	01	6	xxx	xx	2	5	7	3	0	78	91	003	0	6	11	02	97	03	1	088	87	3	2	7	6	1	79	80	—	—	36.1	—	54.6	59
	Sirajganj —	000	0	8	18	03	97	02	2	051	86	8	1	5	0	4	79	88	000	0	7	00	00	97	00	0	090	83	x	x	9	x	x	76	74	0	− 4	32.2	− 6.7	45.2	64
	Bogra —	000	0	7	00	00	96	03	2	054	87	4	4	6	2	0	77	89	003	0	6	09	02	96	02	2	097	86	4	4	5	2	x	79	79	0	+ 1	—	—	—	69
	Dinajpur —	068	0	3	08	02	95	01	9	055	82	3	0	9	1	x	79	95	069	0	4	00	00	96	01	0	080	86	4	0	9	2	0	79	77	+ 6	− 2	—	—	—	72
	Rangpur —	049	2	2	00	00	96	01	6	051	87	2	0	9	1	0	81	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 6					84
Kashmir	Jammu —																																								—
Lahore	Lahore (Jail Rd.) —	000	8	2	05	03	96	02	1	044	87	2	2	5	0	0	75	89	000	5	4	00	00	96	01	1	072	82	2	1	6	7	0	75	77	− 8	+ 2	8.4	− 5.2	44.8	19
	Sialkot —	000	0	0	13	05	97	00	0	047	86	0	0	9	0	0	73	93	000	0	4	00	00	97	02	2	071	81	4	5	6	x	x	73	77	− 2	+ 1	22.1	+ 0.5	26.5	32
Rawalpindi	Jhelum —	000	4	5	23	03	98	02	2	039	91	1	1	7	0	6	71	93	000	1	5	00	00	97	03	1	075	82	3	5	7	4	0	75	77	—	—	18.5	—	24.6	
	Rawalpindi —	000	3	1	00	00	99	00	0	037	88	1	1	7	0	0	68	99	003	0	1	00	00	99	01	1	074	83	1	0	9	8	0	73	75	+ 5	+ 4	24.2	+ 2.9	30.8	36
	Campbellpur —	003	0	0	13	02	98	00	0	973	86	0	0	9	0	0	68	87	000	0	0	36	02	98	00	0	058	78	0	0	9	0	0	72	69	—	—	9.6	—	17.9	—
Sargodha	Khushab —	000	0	5	36	01	96	02	3	045	92	5	0	9	4	0	73	92	008	0	0	05	03	98	00	0	074	83	0	0	9	0	0	79	81	—	+ 2	2.4	− 7.1	7.3	15
	Lyallpur —																		000	0	0	00	00	96	00	0	077	79	0	0	9	0	0	74	78	− 5	+ 1	5.9	− 2.7	9.7	12
Multan	Montgomery —	000	0	2	13	02	96	02	1	033	94	2	6	7	0	0	70	98	000	0	2	18	05	96	03	0	076	82	0	0	9	0	1	75	77	− 3	− 2	7.5	+ 1.0	10.6	10
	Multan —	000	7	6	36	09	93	30	3	032	88	2	4	6	0	0	70	00	000	9	2	00	00	97	02	5	064	84	0	0	9	0	0	74	xx	+ 1	×	1.2	− 3.4	2.9	7
	Leiah —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	003	9	8	00	03	97	19	2	072	84	4	8	8	2	0	75	79	—	—	—	—	—	8
Bahawalpur	Khanpur —	003	0	2	05	09	95	05	0	003	99	2	2	6	0	0	73	03	003	9	2	36	03	95	05	6	052	82	1	0	9	3	1	75	77	0	− 1	3.3	− 1.4	4.3	6
	Bahawalpur —	000	0	0	13	02	98	00	0	070	97	0	0	9	0	0	62	94	000	0	5	18	02	97	03	0	066	84	5	0	9	2	0	78	xx	− 2	×	1.8	− 2.3	2.5	6
	Fort Abbas —	000	0	0	05	02	98	00	0	015	97	0	0	9	0	0	72	01	003	0	0	07	01	99	00	0	071	82	0	0	9	0	0	76	82	—	—	0.6	—	0.9	8
Peshawar	Chakdara —	000	0	0	18	02	97	00	0	076	86	0	0	9	0	0	67	83	000	0	0	36	02	97	00	0	060	73	0	0	9	0	0	67	69	—	—	6.8	—	16.1	—
	Peshawar —	000	0	1	05	05	97	03	1	032	88	1	9	6	3	0	67	91	000	0	1	00	03	97	01	1	079	79	1	1	6	3	0	71	75	− 5	+ 1	1.1	− 2.2	8.3	11
	Haripur —	000	0	0	23	07	97	00	0	978	91	0	0	9	0	0	73	94	040	6	0	05	01	97	09	6	077	79	0	0	9	0	0	70	73	—	—	19.3	—	25.9	—
D. I. Khan	Bannu —	000	6	6	03	00	99	03	1	003	79	0	0	9	0	2	71	93	000	0	8	03	00	99	03	2	041	83	0	0	9	8	0	71	79	—	—	2.0	—	5.0	11
	D. I. Khan —	000	0	9	34	02	98	00	0	025	95	3	0	9	3	0	71	96	000	1	8	31	04	97	56	3	078	81	8	8	8	0	0	75	xx	− 5	×	1.6	− 3.5	4.4	9
Quetta	Sibi —	000	0	0	13	02	98	00	0	978	04	0	0	9	0	0	58	05	080	9	8	05	02	98	03	1	072	78	4	2	9	4	2	72	74	—	—	2.6	—	3.7	5
Kalat	Nokkundi —	000	0	0	34	09	97	02	0	015	97	0	0	9	0	0	31	00	000	0	0	36	02	98	02	0	067	76	0	0	9	0	0	36	68	—	—	0	—	0.1	2
	Turbat —	000	0	0	02	02	96	05	0	989	11	0	0	9	0	0	57	14	000	0	0	29	02	97	05	0	053	85	0	0	9	0	0	70	xx	—	—	1.8	—	4.6	—
	Jiwani —	000	0	0	23	14	96	02	0	017	87	0	0	9	0	0	74	91	000	0	0	00	00	96	02	0	033	80	0	0	9	0	0	71	75	—	—	1.2	—	1.9	5
	Pasni —	000	8	2	25	17	95	07	4	959	85	0	0	9	0	2	76	91	000	3	8	17	02	96	03	4	021	79	8	4	7	0	0	78	77	+ 1	+ 5	0	− 0.9	0.3	6
Karachi Division	Ormara —	000	0	4	29	14	94	03	1	990	88	0	0	9	0	1	83	92	000	0	8	13	03	94	03	2	022	90	8	0	9	1	0	73	82	—	—	0.1	− 0.7	2.0	6
	Lasbela —																																								8
	Karachi (Manora) —	000	0	4	27	12	96	01	1	993	92	0	0	9	9	0	79	02	000	0	5	05	09	96	03	2	024	84	0	0	9	6	7	61	82	+ 17	+ 4	3.7	− 2.0	3.7	8
	Karachi (Airport) —	008	8	4	33	09	96	01	1	995	97	4	5	6	0	0	76	08	000	0	5	00	03	96	03	1	031	91	0	0	9	0	6	77	83	—	—	4.9	—	4.9	—
Hyderabad	Nagarparkar —	000	0	3	23	01	97	00	0	970	97	0	3	7	0	0	83	12	000	0	3	00	00	97	00	0	011	87	0	6	7	0	3	77	71	—	—	6.4	—	6.4	—
	Umerkot —	004	4	6	09	02	98	02	8	988	98	6	3	7	0	0	74	04	004	0	8	02	02	97	02	0	528	87	8	8	7	0	0	77	81	—	—	5.3	—	5.5	—
	Hyderabad —	000	0	2	05	03	97	03	0	997	03	3	5	6	0	0	08	C5	000	0	6	02	02	97	03	1	040	89	2	0	9	2	1	75	86	+ 8	+ 9	4.3	− 1.3	5.1	7
	Badin —	000	0	0	34	02	97	00	0	009	03	0	0	9	0	0	70	06	000	0	8	00	00	97	02	0	048	86	8	0	9	0	2	77	84	+ 12	+ 6	3.8	− 3.2	4.4	9
Khairpur	Padidan —	000	0	3	36	07	98	03	0	997	02	3	2	6		0	67	31	000	0	0	36	07	96	06	0	082	84	0	0	9	0	0	74	81	—	—	2.4	—	3.0	—
	Nawabshah —	000	0	0	05	04	96	04	0	xxx	04	0	0	9	0	0	79	06	000	0	5	36	03	96	03	0	053	87	5	0	9	4	1	73	83	—	—	2.7	—	3.1	4
	Sukkur —	000	0	3	02	03	96	03	1	999	02	0	0	9	0	0	73	04	000	0	4	34	03	97	03	1	055	85	0	0	9	0	0	73	83	—	—	2.5	—	2.5	—
	Kashmore —	000	0	0	05	05	99	00	0	978	98	0	0	9	0	0	68	xx	000	0	0	03	00	99	20	0	975	86	0	0	9	0	0	71	66	×	—	0.5	—	0.5	
	Jacobabad —	000	0	4	36	10	93	05	0	012	90	4	9	6	0	0	77	79	000	0	3	03	05	96	02	0	060	87	1	0	9	4	8	80	84	− 4	+ 5	1.0	− 1.1	1.9	4
Junagadh	Veraval —																																								20
Afghanistan	Jalalabad —																																								
Arabia	Muscat —																																								4
	Kuwait —																																								5
	HILL STATIONS																																								
Kashmir	Srinagar * —																																								26
	Gulmarg ** —																																								—
	Sonamarg ** —																																								71
	Dras ** —																																								24
	Leh ** —	xxx	x	2	00	00	98	03	1	017	60	1	4	8	3	0	27	90	—	...	...	...	...	—	—	...	...	—	—	—	—	—	...	—	—	—					3
	Skardu * —																																								6
	Misgar ** —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	5	36	03	98	03	1	128	52	0	0	9	5	0	39	48		—	—	—	—	—
	Aliabad * —																																								—
	Gilgit * —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	8	00	00	98	02	2	523	66	8	5	8	x	x	56	64		—	—	—	—	5
Rawalpindi	Murree * —	000	9	4	29	02	97	02	1	462	65	7	5	4	0	0	62	69	000	9	6	02	02	97	02	1	497	64	6	5	x	0	0	58	54	− 1	− 1	26.3	− 6.2	44.6	59
Peshawar	Drosh * —	000	3	5	23	09	97	01	2	457	85	3	8	7	8	0	46	94	000	9	0	00	00	98	02	0	502	70	0	0	9	0	0	51	69	+ 4	+ 2	4.4	—	16.4	18
	Cherat * —	005	8	0	18	01	98	02	6	414	79	0	0	9	0	0	72	92	005	0	1	06	01	98	02	0	415	70	0	0	9	0	0	69	61	+ 7	− 6	11.4	+ 0.3	35.5	29
	Kakul * —	011	1	2	16	03	96	02	6	475	78	2	2	6	0	0	66	87	011	9	1	16	02	97	01	1	499	71	1	4	6	0	0	65	63	—	—	27.1	—	32.7	—
	Landikotal * —	000	0	2	13	05	97	03	0	455	84	2	0	9	3	0	68	86	000	0	2	00	00	97	01	1	488	xx	2	7	6	0	0	67	75	—	—	1.9	—	18.1	—
	Parachinar * —	050	3	4	00	00	99	03	6	470	71	4	1	9	1	0	59	89	081	0	6	00	00	98	56	6	xxx	xx	6	6	8	0	0	xx	62	− 3	0	11.3	—	24.8	29
D. I. Khan	Miranshah * —	002	0	2	05	05	98	01	1	412	85	2	4	8	0	0	73	88	000	0	6	00	00	98	03	2	471	76	6	4	8	0	0	66	73	—	—	1.1	− 2.9	2.9	13
	Wana * —	000	0	5	00	00	98	01	1	509	82	5	1	9	0	0	63	87	000	0	7	00	00	98	01	1	505	71	7	0	9	6	0	62	66	—	—	4.6	—	12.9	11
Quetta	Fort Sandeman * —	000	0	3	11	02	97	05	4	458	87	3	0	8	3	0	47	93	000	0	6	07	01	98	03	4	497	72	4	5	7	3	0	62	72	− 1	+ 4	5.0	+ 0.1	9.7	11
	Hindubagh * —	000	0	0	25	17	96	00	0	414	89	0	0	9	0	0	24	xx	000	0	7	00	00	97	00	0	471	68	0	0	9	0	0	51	60	×	—	0.8	—	4.6	—
	Loralai * —	000	0	5	25	03	99	00	0	346	88	0	0	9	1	2	58	92	000	0	6	07	03	99	00	0	387	74	0	0	9	2	1	65	68	—	—	1.1	—	4.6	9
	Harnai * —	000	1	7	36	13	97	03	3	446	87	7	8	5	0	0	49	97	085	0	7	00	00	97	03	0	460	75	7	4	5	0	0	64	66	—	—	5.3	− 2.8	8.4	14
	Quetta * —	000	0	0	31	02	96	02	0	464	85	1	1	5	0	0	68	90	000	0	0	00	00	96	00	0	486	69	0	0	9	0	0	54	59	+ 2	+ 2	0.1	− 0.9	4.3	9
	Chaman * —	000	0	0	27	07	98	00	0	456	92	0	0	9	0	0	25	93	000	0	0	09	05	98	00	0	489	74	0	0	9	0	0	28	65	0	− 1	0	− 0.1	1.3	8
	Nushki * —	000	0	0	31	09	98	02	0	475	97	0	0	9	0	0	39	97	000	0	0	00	00	98	02	0	537	78	0	0	9	0	0	41	69	—	—	0	—	1.6	—
	Dalbandin * —	000	0	0	13	05	94	05	0	476	98	0	0	9	0	0	59	00	000	0	0	05	03	96	00	0	489	77	0	0	9	0	0	xx	66	− 1	+ 3	0	− 0.2	1.1	4
Kalat	Kalat * —	000	0	0	31	02	96	00	0	452	80	0	0	9	0	0	69	84	000	0	0	27	03	96	00	0	493	63	0	0	9	0	0	53	53	− 1	+ 2	0.2	− 0.9	2.1	7
	Panjgur * —	000	0	0	36	01	96	02	0	462	96	0	0	9	0	0	36	97	000	0	0	05	03	97	02	0	477	77	0	0	9	0	0	36	75	+ 1	+ 8	0.3	—	1.3	5
Afghanistan	Kabul * —																																								12
	Kandhar * —																																								

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN				YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_{dw}d_wP_wH_w$
1				2	3	4	5	6	7	8	9	10	11
ARABIAN SEA													
Limburg	—	—	—	13 189	481 06	8 36 09	98 0 31	058 79	12 4 58	36 1 09	...	00 3 77	15 6 20
Scottish	—	—	—	13 234	593 06	0 23 05	97 0 20	065 86	00 9 00	75 2 16	...	00 6 71	12 3 22
World Heath	—	—	—	13 239	588 12	0 15 10	98 0 00	078 84	00 9 00	35 7 37	...	07 6 79	10 0 10
Isidora	—	—	—	12 346	583 12	0 13 05	98 0 20	039 90	00 9 00	36 7 20	...	00 2 75	11 3 21
Jalayawahar	...	...	...	13 240	669 12	2 22 09	97 0 20	004 88	21 4 00	45 6 05	...	00 5 81	12 2 34
Dwarka	...	...	...	13 246	612 18	2 25 08	98 0 50	037 84	21 6 00	55 1 20	...	05 1 79	12 5 33
Limburg	...	...	...	13 168	697 18	8 28 13	98 2 05	052 81	89 4 xx	36 1 16	...	00 0 73	12 8 21
Jalayawahar	...	...	...	13 231	678 18	7 24 09	97 0 31	026 84	xx x xx	35 4 00	...	00 2 79	12 5 34
Asia	...	...	...	13 181	576 18	8 21 04	97 0 22	028 77	54 4 Bx	16 2 30	...	00 4 xx	12 1 53

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: 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$_d$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	060 258 248	...	...	145 162 152	...	310 072 048	436 605	581 572 582	752 675 742	963 818	...	...	...
Jiwani ...														
Karachi ...	00 00	999 292 252	...	...	140 202 142	...	307 092 042	433 025 999	578 358 999	750 648 999	961 805	238 978	423 100	...
Lahore ...	—	...	—	...	—	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	966 262 222	...	...	150 195 108	...	318 155 999	446 082 999	575 036 999	739 550 999	...	...	...	—
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels $PPPTTTT_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	004 272 252	900 190 180	800 132 118	350 728 775	...	...	...	...	...	350 728 775	...	...
Jiwani ...													
Karachi ...	00 00	900 235 172	800 152 102	...	...	—	—	...	...	...	800 152 102	...	...
Lahore ...	—	...	..	...	...	...	...	...	...	...	—	...	...
Multan ...													
Peshawar ...	00 00	900 262 142	830 222 095	—	...	...	...	...	...	...	800 222 095	—	..
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	—	—	...

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 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	23 07	18 08	15 12	13 13	11 13	14 11	14 13	12 10	—	18 11	18 13	16 12	16 12	15 13	16 15	14 06	15 09	15 11	12 11	12 14	13 16	13 14	13 10	—	—	...
Chaklala	—	21 03	22 02	25 03	22 01	30 05	33 10	26 06	26 23	—	05 03	07 01	04 03	11 04	14 08	—	27 04	22 02	11 04	16 07	15 09	15 05	23 02	—	—	...
Chhor	10 09	10 13	09 12	05 19	03 23	05 11	05 21	06 12	05 05	09 13	10 09	10 07	05 04	07 12	05 13	01 04	03 07	06 09	05 14	06 16	—	—	—	—	—	—
Chittagong	No	...	...	Ascent	—	..	...	—	...	10 06	11 05	12 05	—	—	—	22 07	20 06	18 07	13 10	—	—	—	—	—	—	...
Cox's Bazar	No	—	—	Ascent	—	—	—	...	—	17 10	17 11	16 11	—	—	—	18 14	18 13	17 13	—	—	—	—	—	—	—	...
Dacca	19 17	20 15	20 15	17 16	15 14	14 09	—	—	...	14 08	15 57	15 06	13 10	12 11	14 13	23 04	19 05	—	—	—	—	—	—	—	—	...
Dalbandin	...	—	06 05	05 19	11 02	04 08	06 11	—	...	—	—	08 10	02 06	35 04	26 04	—	—	08 03	07 07	06 08	09 07	20 06	25 13	23 15	25 20	24 27
D.I. Khan	—	—	—	—	—	—	—	—	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	...
Drosh	—	—	—	—	22 05	20 08	20 16	26 07	...	—	—	—	27 04	30 03	36 02	—	—	—	—	17 04	02 07	20 08	—	—	—	...
Fort Sandeman	—	—	...	08 C8	08 03	28 11	29 17	—	—	—	—	—	03 03	25 06	33 03	—	—	—	36 05	01 04	05 05	—	—	—	—	...
Jacobabad	14 05	10 04	10 05	05 09	03 03	09 03	01 04	—	...	03 18	08 09	14 06	13 07	06 03	04 07	11 07	09 05	08 03	04 02	04 06	09 07	20 05	17 04	21 10	—	—
Jessore	16 13	16 20	—	—	—	—	—	—	—	17 13	16 17	16 15	15 17	—	—	—	—	—	—	—	—	—	—	—	—	...
Jhelum	22 04	21 03	17 07	11 05	36 09	03 02	01 04	28 07	28 14	10 01	13 03	13 05	13 07	14 13	10 07	33 02	07 01	11 02	13 07	12 05	12 09	13 09	—	—	—	...
Jiwani	16 09	14 10	02 09	02 13	34 06	21 04	03 12	01 09	10 03	—	—	—	—	—	—	06 04	09 04	07 07	07 11	06 15	02 21	01 14	04 06	01 06	29 09	23 06
Karachi	13 03	08 09	08 19	06 25	05 27	—	—	—	—	—	—	—	—	—	—	08 17	08 15	04 14	04 15	05 21	07 24	07 28	10 14	17 08	13 07	12 12
Khanpur	02 09	04 13	04 15	06 14	06 22	07 29	10 18	12 09	—	06 15	06 14	08 08	12 10	04 12	—	03 10	05 14	05 17	05 15	05 19	04 12	09 10	17 12	—	—	...
Lahore	08 09	09 13	08 12	06 17	06 16	04 15	05 13	03 10	36 09	07 07	10 11	11 11	13 08	—	—	07 09	10 08	13 09	16 08	18 05	—	—	—	—	—	...
Multan	06 07	07 08	07 09	—	—	—	—	...	...	09 14	09 21	07 27	06 20	—	—	03 11	13 16	03 21	03 17	03 15	03 12	34 02	09 08	24 17	22 20	22 25
Muscat	—	—	...	...	—	—	...	...	—	—	—	—	—	—	—	—	—	...	—	—	—	—	—	—	—	...
Panjgur	—	—	...	35 11	35 09	10 04	11 07	...	—	—	—	—	01 22	01 36	01 07	—	—	—	03 10	06 13	04 05	32 03	21 07	31 03	—	...
Peshawar	—	04 09	06 05	17 05	21 08	31 03	30 10	34 12	...	—	36 04	30 03	08 10	09 02	15 02	—	04 01	32 01	14 01	08 01	26 02	31 06	31 02	—	—	...
Quetta	—	...	...	—	31 19	30 19	26 12	—	...	—	—	—	—	22 02	25 04	—	—	—	—	23 03	23 03	29 03	29 04	—	—	...
Sharjah	—	...	...	—	—	...	—	...	...	—	—	...	—	—	—	—	—	—	...	—	...	—	..	—	—	...
Sylhet	—	...	...	—	—	—	—	—	...	10 10	10 04	10 04	05 06	09 04	14 07	29 04	25 03	36 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	10.3	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 ...	13 10	14 06	14 05	12 08	12 09	14 10	14 09	15 09	13 03	14 04	03 07	...	...	...	—	...	...	—
Karachi ...	08 06	08 06	07 11	07 15	06 15	06 29	05 30	08 24	14 05	08 14	09 04	23 06	20 10	17 18	—	...	—	—
Peshawar ...	...	04 07	11 07	12 20	21 02	21 02	20 02	20 22	20 02	24 15	22 23	25 41	25 48	25 50	...	...	—	...
Quetta ...																		

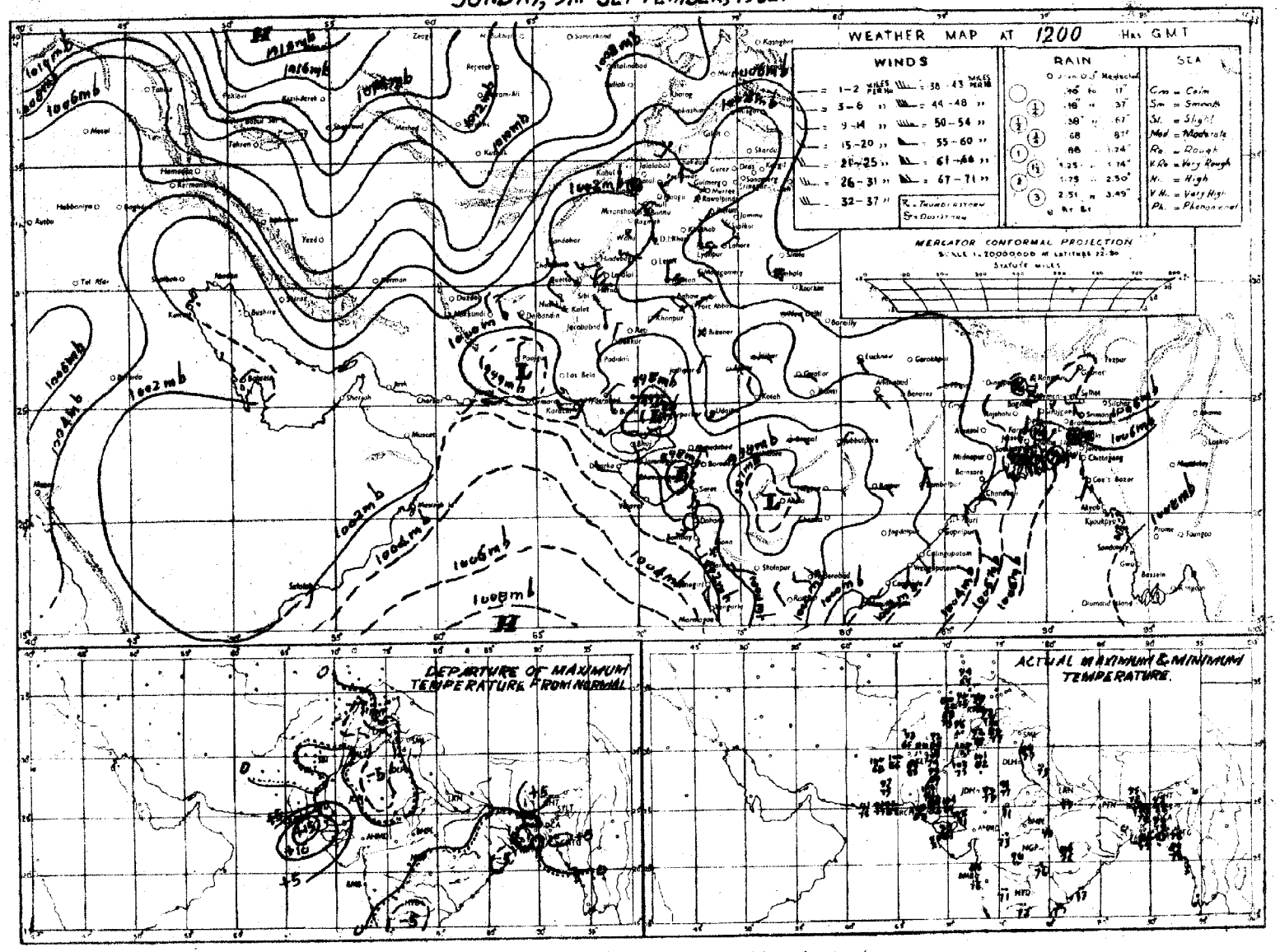
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

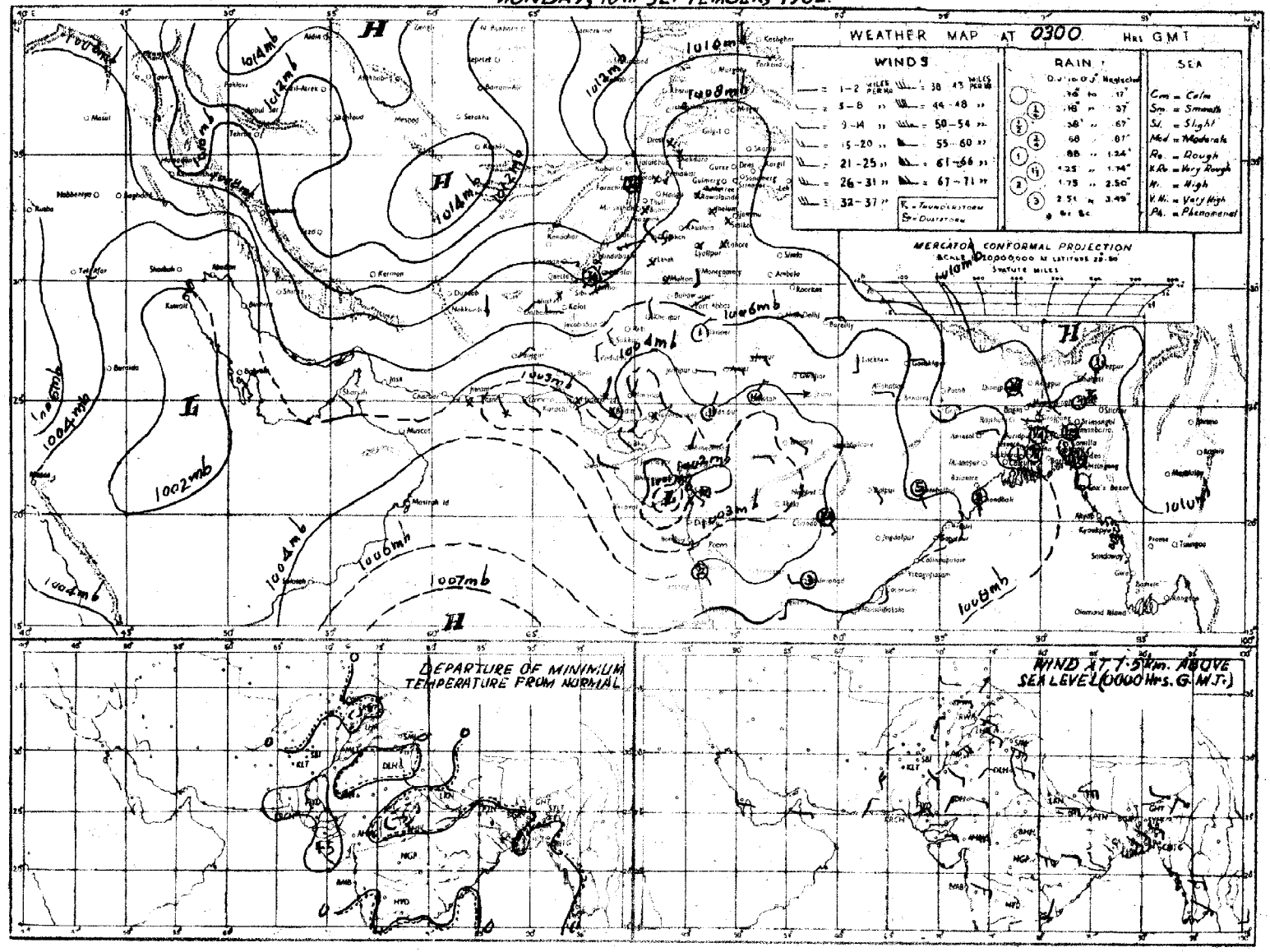
SUNDAY, 9th SEPTEMBER, 1962.



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

PAKISTAN DAILY WEATHER MAP

MONDAY, 10th SEPTEMBER, 1962.



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. 16

TUESDAY THE 11th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

An easterly low pressure wave is entering into the east central Bay of Bengal and the North Andaman sea.

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

Observations from ships are lacking and from coast meagre but believe yesterday's well marked low has concentrated into a depression with its centre at 11,0300 G.M.T. near Dwarka. It is likely to move in a northwesterly direction.

A westerly low pressure wave that opproached Rawalpindi division last evening is now moving away eastwards across Kashmir; another to-day lies over Afghanistan. Under their combined influence rain/thundershowers have been fairly widespread in Hyderabad division and local in Rawalpindi and Peshawar divisions. A few thunderstorms have also been reported from D. I. Khan division and light rain from Lahore division.

Chief amounts of rainfall are :—Rawalpindi 2"; Comilla, Mymensingh, Satkhira and Sirajganj 1" each; Narayanganj (up to 0000 G.M.T.), Khulna, Jessore, Bogra, and Haripur 3/4" each; Chittagong, Faridpur, Rangpur (up to 0000 G.M.T.), Murree, Kakul, Nagarparka and Badin ½" each and Cox's Bazar, Srimangal, Pabna (up to 0000 G.M.T.) and Umerkot 1/4" each.

Day temperatures were:—6—9 °F (3—5 °C) above normal in Hyderabad and Karachi divisions and 3—8 °F (2—4 °C) below normal in Lahore, Multan, D.I. Khan, Bahawalpur and Quetta divisions.

Forecast valid until the evening of 12th September, 1962 : Rain/thundershowers will be fairly widespread in Lahore, Rawalpindi, Hyderabad, Karachi divisions and Kashmir; local in East Pakistan and in Peshawar division and scattered elsewhere in West Pakistan outside Kalat division.

Heavy rainfall warning:—Moderate to heavy rain will fall at a few places in Lahore, Rawalpindi, Hyderabad and Karachi divisions and in Kashmir during next 24 hours.

Karachi-11
The 11th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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 † 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	Rangamati	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cox's Bazar																	
	Chittagong	000	0	8	16	07	96	61	2	060	81	8	7	5	x	x	75	97
	Maijdee Court	000	9	5	18	05	96	02	2	061	83	2	2	6	0	5	77	88
	Comilla	100	3	8	00	00	96	02	9	041	85	8	4	4	x	x	79	90
	Brahmanbaria	000	0	5	23	03	97	03	1	051	88	5	4	5	0	0	83	90
	Sylhet	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Srimangal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dacca	Mymensingh	000	0	6	27	02	97	02	1	060	86	0	0	9	0	8	77	88
	Narayanganj	000	0	8	00	00	96	03	2	058	85	4	4	3	8	x	76	91
	Dacca (Tejgaon)	003	4	7	00	00	97	03	6	091	83	2	3	4	7	1	77	89
	Faridpur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna	078	2	7	00	00	97	02	6	057	78	7	5	5	0	0	78	88
	Satkhira	106	1	8	01	00	96	03	6	072	78	6	7	4	2	0	76	90
	Jessore	078	6	8	18	02	96	60	6	050	78	8	8	5	[illegible]	x	78	86
Rajshahi	Pabna	013	9	6	18	02	98	01	9	051	84	2	2	7	2	3	78	87
	Sirajganj	003	0	6	00	00	96	02	2	047	85	6	0	9	[illegible]	0	75	92
	Bogra	000	0	7	00	00	96	02	2	050	87	5	4	5	2	0	78	91
	Dinajpur	000	9	6	00	00	96	02	2	047	85	6	0	9	2	0	75	92
	Rangpur	000	0	5	09	02	96	01	1	054	84	5	0	9	2	0	[illegible]	91
...hmir	Jammu																	
...hore	Lahore (Jail Rd.)	004	7	6	13	05	94	03	6	042	83	2	3	5	3	9	77	88
	Sialkot	000	5	1	13	05	98	01	5	025	87	1	2	6	x	x	75	93
...wal-pindi	Jhelum	000	4	2	03	00	97	02	1	021	93	2	1	7	0	0	69	95
	Rawalpindi	000	0	6	00	03	99	02	2	016	91	2	2	7	7	0	71	93
	Campbellpur	000	0	0	13	02	98	00	0	013	90	0	0	9	0	0	69	91
...godha	Khushab	000	0	0	13	05	98	00	0	026	93	0	0	9	0	0	83	95
	Lyallpur	000	0	5	[illegible]	02	97	02	3	020	92	5	0	9	4	0	74	93
Multan	Montgomery	000	0	6	13	10	96	03	2	031	96	6	4	7	0	0	74	95
	Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lalah	000	0	6	00	00	97	00	0	009	98	3	8	9	2	0	73	01
Bahawalpur	Khanpur	000	0	2	05	07	95	05	1	005	96	1	1	6	3	0	69	98
	Bahawalpur	000	0	7	31	02	96	00	0	072	95	0	3	8	4	0	73	97
	Fort Abbas	000	0	4	07	02	98	00	0	867	87	2	0	9	0	0	75	01
Peshawar	Chakdara	000	0	3	35	02	97	03	0	996	85	3	3	7	0	0	71	86
	Peshawar	000	0	7	05	02	97	02	2	022	89	5	3	6	5	0	71	92
	Haripur	000	0	3	23	01	97	00	0	014	90	3	0	9	0	4	73	92
D. I. Khan	Bannu	000	0	7	00	00	99	03	2	[illegible]	91	0	0	9	8	0	71	93
	D. I. Khan	000	6	5	00	03	98	03	1	020	93	5	5	6	0	0	76	94
...etta	Sibi	000	9	2	36	02	98	03	0	010	00	0	0	9	0	2	71	01
Kalat	Nokkundi	000	0	0	36	09	98	02	0	994	97	0	0	9	0	0	26	[illegible]
	Turbat	000	0	0	27	01	97	00	0	985	12	0	0	9	0	0	51	14
	Jiwani	000	0	0	20	12	96	01	0	007	92	0	0	9	0	0	70	06
	Pasni	000	8	4	23	24	96	02	1	983	96	0	0	9	3	0	81	90
Karachi Division	Ormara	000	0	[illegible]	18	10	94	00	1	996	98	0	0	9	0	0	68	05
	Lasbela																	
	Karachi (Manora)	000	0	7	09	10	96	03	3	986	94	7	0	9	2	0	69	06
	Karachi (Airport)	000	8	6	13	07	96	50	1	989	97	2	5	6	5	0	77	04
Hyderabad	Nagarparkar	000	0	5	31	01	97	00	0	966	03	0	3	7	5	0	82	03
	Umerkot	034	4	6	31	02	98	02	6	977	96	4	2	7	0	8	78	02
	Hyderabad	000	0	2	02	03	97	20	2	003	02	2	5	6	0	1	70	04
	Badin	030	2	8	36	02	97	03	6	005	85	8	6	6	0	0	78	03
Khairpur	Padidan	000	0	1	36	07	98	2	0	999	99	1	1	6	0	0	79	08
	Nawabshah	000	0	4	05	05	96	02	0	002	01	2	5	6	0	1	67	03
	Sukkur	000	8	3	05	05	96	01	1	999	98	0	0	8	0	3	73	00
	Kashmore	000	0	4	05	05	99	02	0	959	95	0	0	9	0	4	64	95
	Jacobabad	000	0	2	13	03	96	02	0	006	00	0	0	9	0	0	84	01
...dh	Veraval																	
...nistan	Jalalabad																	
...	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	7	00	00	97	03	2	434	81	2	9	6	3	0	54	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **	xxx	x	2	18	06	98	01	1	050	72	2	4	9	0	3	36	77
	Skardu *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Misgar **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Aliabad *																	
	Gilgit *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...pindi	Murree *	003	4	5	27	02	97	02	9	471	66	5	1	4		0	63	71
Peshawar	Drosh *	000	3	5	23	07	97	03	2	443	86	5	8	7	0	0	51	92
	Cherat *	000	3	7	00	00	97	03	6	456	78	7	0	9	7	x	63	92
	Kakul *	000	8	4	31	03	96	17	1	464	77	4	4	6	0	0	67	[illegible]
	Landikotal *	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Parachinar *	005	3	3	00	00	99	03	6	456	70	3	1	9	0	0	55	75
...Khan	Miranshah *	000	0	0	05	06	98	03	2	480	82	6	4	8	0	0	73	85
	Wana *	000	0	4	00	00	99	91	1	513	86	4	1	9	0	0	56	81
Quetta	Fort Sandeman *	000	0	5	11	01	98	03	4	464	84	3	5	7	3	0	41	86
	Hindubagh *	000	0	7	25	10	97	00	0	418	82	0	0	9	0	8	37	87
	Loralai *	000	0	6	16	03	99	02	2	421	84	0	0	9	1	2	59	88
	Harnai *	000	0	2	00	00	97	03	0	446	89	2	1	5	0	0	57	89
	Quetta *	000	0	3	31	02	96	02	0	442	83	3	1	5	0	0	67	86
	Chaman *	000	0	0	27	07	98	00	0	443	88	0	0	9	0	0	33	89
	Nushki *	000	0	0	27	02	98	02	0	303	95	0	0	9	0	0	45	xx
	Dalbandin *	000	0	0	23	03	96	02	0	469	97	0	0	9	0	0	53	98
Kalat	Kalat *	000	0	0	27	03	96	00	0	449	77	0	0	9	0	0	51	83
	Panjgur *	000	0	0	31	13	97	02	0	460	95	0	0	9	0	0	30	97
Afghanistan	Kabul *																	
	Kandhar *																	

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

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)	Amounts 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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati	004	0	3	09	02	97	01	x	095	85	2	2	7	4	0	73	81			—	—	—	—
Cox's Bazar	026	9	5	00	00	97	01	2	081	85	3	4	5	3	0	77	77		+ 1	92.3	— 9.0	103.1	140
Chittagong	052	8	3	00	00	97	02	6	070	85	1	1	6	2	0	76	76	0	— 1	69.1	— 1.6	82.6	108
Maijdee Court	000	9	2	00	00	98	10	0	088	85	2	5	0	0	0	74	78	+ 2	0	—	—	—	115
Comilla	009	7	1	00	00	97	02	6	065	84	1	2	7	0	0	77	77	+ 2	0	47.9	— 8.5	61.1	94
Brahmanbaria	000	0	4	18	02	97	03	4	081	84	4	4	5	3	0	75	80	—	—	43.5	+ 1.0	61.0	78
Sylhet	005	9	7	09	05	96	01	9	082	64	5	6	5	6	0	73	77		—	88.5	—	12.6	—
Srimangal	000	0	0	00	00	96	00	0	080	85	0	0	9	0	0	76	77		+ 1	—	—	—	98
Mymensingh	116	6	8	13	02	96	60	6	093	77	8	7	4	x	x	75	76	0	— 2	46.2	— 7.9	62.2	91
Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					74
Dacca (Tejgaon)	013	5	6	18	02	97	02	9	078	85	5	8	5	8	5	74	77	—	—	48.8	—	53.7	—
Faridpur	051	0	8	34	02	96	02	2	080	82	7	5	6	1	0	72	78		— 1	31.8	— 9.8	45.1	71
Barisal	000	0	6	00	00	97	02	3	085	65	6	2	7	0	0	76	78		— 1	—	—	—	81
Khulna	075	0	5	00	00	97	01	2	063	85	5	5	6	0	0	78	77	0	0	—	—	—	68
Satkhira	106	9	5	00	00	97	03	6	094	83	2	2	6	2	0	78	77	+ 1	0	44.2	+ 3.5	51.4	65
Jessore	078	9	8	25	02	96	03	6	085	81	8	7	5	x	x	78	76	—	—	32.1	— 6.7	42.3	65
Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					59
Sirajganj	120	5	8	00	00	97	02	2	083	82	8	1	5	4	0	76	75	+ 4	— 3	33.4	— 5.9	46.4	64
Bogra	073	9	8	00	00	96	51	8	082	80	7	7	4	2	x	79	77	+ 2	— 1	—	—	—	69
Dinajpur	000	9	4	00	00	96	02	2	079	89	4	0	9	4	0	79	78	+ 3	0	—	—	—	73
Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 3					84
Jammu																							—
Lahore (Jail Rd.)	004	9	0	00	00	96	03	1	052	80	4	4	7	7	0	76	76	— 9	+ 2	8.4	— 5.2	14.8	19
Sialkot	000	0	2	00	00	97	03	0	050	83	2	4	6	x	x	73	78	— 2	+ 3	22.1	+ 0.3	26.5	32
Jhelum	000	9	6	00	00	97	02	2	059	81	1	5	7	7	0	75	[illegible]	—	—	18.5	—	24.6	
Rawalpindi	224	7	8	07	02	98	61	6	067	70	8	5	6	0	0	69	67	— 1	— 3	24.0	+ 4.9	33.1	96
Campbellpur	000	0	9	23	01	97	02	0	064	75	0	3	8	0	2	69	75	—	—	9.6	—	17.9	—
Khushab	000	0	5	05	00	96	02	2	066	82	3	1	7	9	0	81	80	— 5	+ 2	2.4	— 7.1	7.3	15
Lyallpur	000	0	5	00	00	96	02	0	059	79	0	0	9	0	4	75	77	— 4	+ 1	5.9	— 2.7	9.7	12
Montgomery	000	0	0	73	02	96	03	0	056	81	0	0	9	0	0	75	75	— 6	— 2	7.5	+ 1.0	10.6	10
Multan	000	0	6	39	02	98	01	2	047	82	4	0	9	5	1	73	xx		—	1.2	— 3.4	2.9	7
Lalah	000	0	6	36	06	98	01	1	054	86	4	3	9	2	0	74	80	—	—	—	—	—	8
Khanpur	002	0	4	09	02	96	01	0	031	85	2	0	9	3	4	76	79	— 5	+ 4	3.3	— 1.4	4.3	6
Bahawalpur	000	0	0	00	00	98	00	0	043	84	0	0	9	0	0	77	84	— 4	+ 10	1.8	— 2.3	2.5	6
Fort Abbas	000	0	4	18	02	98	00	2	051	71	0	0	9	2	0	75	77	—	—	0.6	—	0.9	8
Chakdara	000	0	3	18	01	97	01	0	038	74	3	3	7	0	0	63	71	—	—	6.8	—	16.1	—
Peshawar	000	9	7	36	02	97	02	6	058	77	5	5	6	5	0	69	75	— 4	+ 3	1.7	— 2.2	8.3	11
Haripur	070	9	8	05	01	95	50	6	042	72	8	7	6	0	0	71	69	—	—	20.0	—	26.6	—
Bannu	000	2	3	18	01	99	01	1	042	83	0	0	9	0	3	68	77	—	—	2.0	—	5.0	11
D. I. Khan	000	2	5	09	02	98	02	1	045	83	0	0	9	5	0	74	74	—	— 3	1.6	— 3.6	4.4	9
Sibi	000	0	4	13	02	98	03	1	036	82	0	2	9	4	2	72	74	—	—	2.6	—	3.7	9
Nokkundi	000	0	0	36	02	98	02	0	048	80	0	0	9	0	0	20	46	—	—	0	—	0.1	2
Turbat	000	0	0	27	02	96	05	0	034	86	0	0	9	0	0	69	xx	—	—	1.8	—	4.6	—
Jiwani	000	0	3	[illegible]	02	96	02	0	024	81	0	0	9	0	1	64	78	—	—	1.2	—	1.9	5
Pasni	000	3	8	20	05	96	05	1	979	84	0	0	9	0	0	77	81	0	+ 8	0	— 0.9	0.3	6
Ormara	000	0	4	09	03	xx	00	0	xxx	xx	4	0	9	0	1	77	xx	—	—	0.1	— 0.7	3.0	6
Lasbela																							8
Karachi (Manora)	000	0	8	13	09	96	03	2	012	85	8	0	9	2	0	61	83	+ 11	+ 6	3.7	— 2.1	3.7	8
Karachi (Airport)	000	0	7	13	05	96	03	5	013	87	2	5	6	5	x	79	87	—	—	4.9	—	4.9	—
Nagarparkar	040	0	3	13	03	97	00	0	990	81	0	3	7	0	0	72	xx	—	—	6.8	—	6.8	—
Umerkot	034	0	8	11	01	95	03	0	014	82	8	5	7	0	0	79	81	—	—	5.7	—	5.8	—
Hyderabad	000	2	8	00	00	97	02	5	018	85	8	0	9	3	1	76	83	+ 7	+ 6	4.3	— 1.3	5.1	7
Badin	065	1	8	00	00	97	03	6	022	80	8	6	6	0	0	77	77	+ 9	+ 1	4.5	— 2.6	5.0	9
Padidan	000	0	3	05	05	98	03	0	021	87	1	2	6	2	0	72	82	—	—	2.4	—	3.0	—
Nawabshah	000	0	6	02	03	96	02	2	030	89	2	5	6	0	2	73	85	—	—	2.7	—	3.1	—
Sukkur	000	9	4	02	03	97	03	1	022	87	0	0	9	0	8	75	84	—	—	2.5	—	2.5	4
Kashmore	000	0	0	00	00	97	00	0	975	89	0	0	9	0	0	74	65	—	—	0.5	—	0.5	—
Jacobabad	000	0	2	05	03	96	03	1	026	90	0	0	9	0	2	82	86	— 2	+ 8	1.0	— 1.2	1.9	4
Veraval																							20
Jalalabad																							
Muscat																							4
Kuwait																							5
HILL STATIONS																							
Srinagar *	...	...	—	...	...	...	...	...	...	...	...	...	—	—	...	...	...	—					26
Gulmarg **																							—
Sonamarg **																							71
Dras **																							28
Leh **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					3
Skardu *	001	1	8	23	16	96	60	6	420	65	7	6	4	2	x	45	63		—				6
Misgar **	013	6	8	05	03	97	61	5	115	49	4	7	8	2	0	44	48		—				—
Aliabad *																							—
Gilgit *	000	0	8	00	00	97	50	2	522	67	8	7	7	x	x	61	65		—				8
Murree *	062	9	8	27	09	96	61	9	48[illegible]	56	8	5	4	x	x	54	55	+ 1	0	26.9	— 5.8	45.2	59
Drosh *	007	9	8	00	00	97	03	9	483	66	5	5	7	2	x	56	65	+ 2	0	4.5	—	16.5	18
Cherat *	005	9	7	16	03	98	03	4	421	68	0	0	0	0	7	65	61	+ 7	— 5	11.5	+ 0.3	35.6	29
Kakul *	050	9	7	27	05	97	61	9	475	65	7	7	6	0	0	63	64	—	—	25.6	—	33.2	—
Landikotal *	000	0	6	00	00	97	03	1	462	74	6	0	9	7	x	69	67	—	—	1.9	—	18.1	—
Parachinar *	005	0	6	00	00	98	03	2	491	42	6	6	8	0	0	51	62	— 8	+ 3	11.3	—	24.9	29
Miranshah *	000	0	2	00	00	99	01	1	462	75	2	4	8	0	0	71	72	—	—	1.2	— 2.9	2.9	13
Wana *	000	0	0	00	00	98	00	0	509	69	0	0	9	0	0	55	65	—	—	4.6	—	12.9	11
Fort Sandeman *	000	0	2	25	01	98	03	0	482	71	2	0	8	3	0	52	68	— 8	+ 1	5.0	+ 0.1	9.7	11
Hindubagh *	000	0	0	27	02	97	00	0	469	64	0	0	9	0	0	44	53	—	—	0.8	—	4.6	—
Loralai *	000	0	6	05	02	99	01	2	401	72	0	0	9	1	2	63	64	—	—	1.1	—	4.6	9
Harnai *	000	0	4	00	00	97	03	0	445	76	4	4	5	0	0	65	72	—	—	5.3	— 1.8	8.4	14
Quetta *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 2					9
Chaman *	000	0	0	13	05	98	00	0	461	74	0	0	9	9	0	32	62	— 4	— 2	0	— 0.1	1.3	8
Nushki *	000	0	0	09	02	97	02	0	496	75	0	0	9	0	0	41	68	—	—	0	—	1.6	—
Dalbandin *	000	0	1	00	00	96	02	0	460	68	1	0	9	3	0	31	62	— 3	— 2	0	— 0.2	1.1	4
Kalat *	000	0	0	18	03	96	00	0	453	60	0	0	9	0	0	46	49	— 1	0	0.2	— 1.0	2.1	7
Panjgur *	000	0	2	05	03	98	03	0	452	72	0	0	9	0	1	34	65	+ 1	— 2	0.3	—	1.3	5
Kabul *																							12
Kandhar *																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 11th SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN				YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1				2	3	4	5	6	7	8	9	10	11
ARABIAN SEA													
Asia	...	...	...	23 193	692 00	0 18 07	98 0 21	015 77	00 9 00	16 5 64	...	00 0 76	11 8 xx
Bridgestone	...	...	...	23 219	620 06	3 25 10	96 2 11	065 80	21 4 80	36 4 00	...	00 5 70	—
Benclench	...	...	...	22 196	677 06	5 26 18	98 9 32	C78 82	26 x xx	...	...	...	...
Victoria	...	...	...	23 231	645 06	5 27 05	98 0 23	046 06	00 0 02	68 3 23	...	00 0 84	12 3 54
World Hill	...	...	...	23 264	537 06	0 15 12	99 0 20	060 90	30 9 03	65 1 15	...	05 6 82	11 5 x2
Ashs	...	...	...	23 203	606 06	2 20 02	98 0 20	045 82	21 5 08	16 1 10	...	00 2 77	12 0 82
Isidora	...	...	...	23 207	593 06	4 26 05	98 0 80	006 77	42 4 03	46 2 14	...	00 0 76	12 6 21
World Hill	...	...	...	23 193	580 12	3 19 07	97 0 30	050 77	20 8 78	55 6 29	...	08 0 76	10 0 40
Isidora	...	...	...	23 194	583 12	1 25 08	98 0 10	032 81	12 5 03	46 7 46	...	00 6 76	12 5 21
Isis	...	...	...	23 215	612 12	1 24 05	98 0 23	000 85	11 6 26	16 6 06	...	00 0 79	12 4 xx
World Hill	...	...	...	23 264	521 12	0 13 10	99 0 20	045 94	00 9 00	65 7 13	...	05 4 65	11 3 42
Victoria	...	...	...	23 221	629 12	4 25 10	98 0 22	029 88	41 4 00	56 0 20	...	00 2 77	12 5 33

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
		$PPPTTTT_dT_dT_d$	HHHTTTT$_d$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	054 242 208	...	...	141 148 125	...	308 075 018	433 015 528	578 572 595	749 665 692	960 805	235 032	418 115	...
Jiwani ...														
Karachi ...	00 00	997 312 225	...	...	140 305 999	...	312 142 999	439 052 999	558 565 999	750 625 999	970 805	248 965	...	...
Lahore ...	00 00	MISDA	...	...	...	...		...	...	...	...	...	...	...
Multan ...														
Peshawar ...														
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels									Max. Height Reached	TROPOPAUSE	
		$PPPTTTT_dT_dT_d$									$PPPTTTT_dT_dT_d$	st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	900 172 142	800 135 095	585 002 508	350 722 802	...	...	...	...	...	350 723 802	...	...
Jiwani ...													
Karachi ...	00 00		...	...	...	...	...	...	...	...	200 965 999	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
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*

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 08	18 09	17 09	17 11					
Chaklala		22 01	18 05	17 09	13 09	13 07	13 13		
Chhor	02 18	01 17	02 16	05 17	07 19	07 12	06 12	11 07	13 11
Chittagong	No			Ascent					
Cox's Bazar	13 09	23 12	23 10						
Dacca	22 12	21 11	19 11	17 12	15 15	15 13	12 13	14 15	13 13
Dalbandin			04 02	14 03	19 03	32 10	27 09	26 13	24 16
D. I. Khan									
Drosh									
Fort Sandeman				06 04	06 06	29 02			
Jacobabad	10 07	08 07	08 08	06 10	05 07	31 04	22 15	22 20	22 11
Jessore									
Jhelum	11 03	13 05	14 05	13 06	10 04				
Jiwani	19 07	10 03	07 03	02 09	03 14	02 14	33 03	02 18	03 09
Karachi	06 13	05 16	04 21	04 18					
Khanpur	03 12	01 10	03 05	06 19	07 17	07 17	08 24		
Lahore	12 13	13 13	13 15	12 13	12 05	12 03	10 14	09 03	07 06
Multan	04 07	05 05	C5 05	36 10	01 12	01 07	32 04		
Muscat									
Panjgur				34 05	35 06	18 04	31 05	30 06	21 05
Peshawar		07 06	07 03	29 05					
Quetta					31 06	28 10	29 08	31 17	32 18
Sharjah									
Sylhet									

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	04 05	07 04				
Chaklala						
Chhor	18 10	15 11	14 15			
Chittagong	36 07	31 02	33 03	14 03	26 04	20 06
Cox's Bazar	31 05	30 05	32 03	02 02	35 05	10 08
Dacca	17 04	17 05	14 06	13 10	13 11	17 10
Dalbandin			08 07	03 11	02 22	36 19
D. I. Khan						
Drosh				29 03	20 02	27 06
Fort Sandeman				34 02	29 04	17 04
Jacobabad	08 13	09 09	07 07	01 09	35 06	04 07
Jessore	18 05					
Jhelum	23 03	36 02	09 03	11 04	15 05	
Jiwani	32 02	36 04	35 09	xx xx	04 09	36 10
Karachi						
Khanpur	11 15	05 10	05 09	04 05	04 03	05 04
Lahore	03 04	20 03	18 09	19 11	19 13	
Multan	15 25	07 06	06 09	05 10	05 09	36 06
Muscat						
Panjgur				02 08	01 20	01 17
Peshawar		07 30	09 03	18 04	22 04	
Quetta					31 05	29 08
Sharjah						
Sylhet	10 06	07 03	05 03	09 06	xx xx	09 03

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	09 10	12 12	11 13	12 10	12 13						
Chaklala											
Chhor	11 09	13 12	12 10	08 15	05 19	08 26	09 22				
Chittagong	09 03	23 02	30 03	32 04	16 12	15 10					
Cox's Bazar	36 04	36 07	35 07	34 04							
Dacca	18 05	13 04	14 09	14 11							
Dalbandin			08 10	04 14	04 15	02 13	35 28	33 16	30 15	27 23	28 [illegible]
D. I. Khan											
Drosh					35 01	29 03					
Fort Sandeman				26 03	09 05	12 02					
Jacobabad	08 10	08 11	08 13	08 13	04 10	08 05	15 08	17 11	19 12	22 13	24 2[illegible]
Jessore	33 03	27 03	31 03								
Jhelum	07 01	07 02	15 05	15 07	15 07	17 07					
Jiwani	36 05	05 07	05 07	05 08	02 12	01 23	03 21	05 14	01 12	36 14	28 1[illegible]
Karachi	09 05	04 14	03 15	04 25	04 31						
Khanpur											
Lahore	08 04	13 04	18 09	19 11	19 13						
Multan	07 03	08 02	08 03	09 06	07 04	03 04	21 19				
Muscat											
Panjgur				05 14	04 20	02 21					
Peshawar		04 02	34 01	29 04	09 04	18 06					
Quetta					29 02	26 09	18 21	17 18	18 12	25 09	26 [illegible]
Sharjah											
Sylhet	07 03	07 04	10 03	16 06	13 07	11 07	xx xx	xx xx			

† 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 ...	17 05	16 03	14 03	11 09	11 10	15 12	11 08	11 09	11 09	15 04	10 10	09 09		...	...	...	...	...
Karachi ...	02 19	04 23	04 25	04 28	03 27	04 24	04 27	04 24	05 11	05 02	12 09	17 19	17 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.

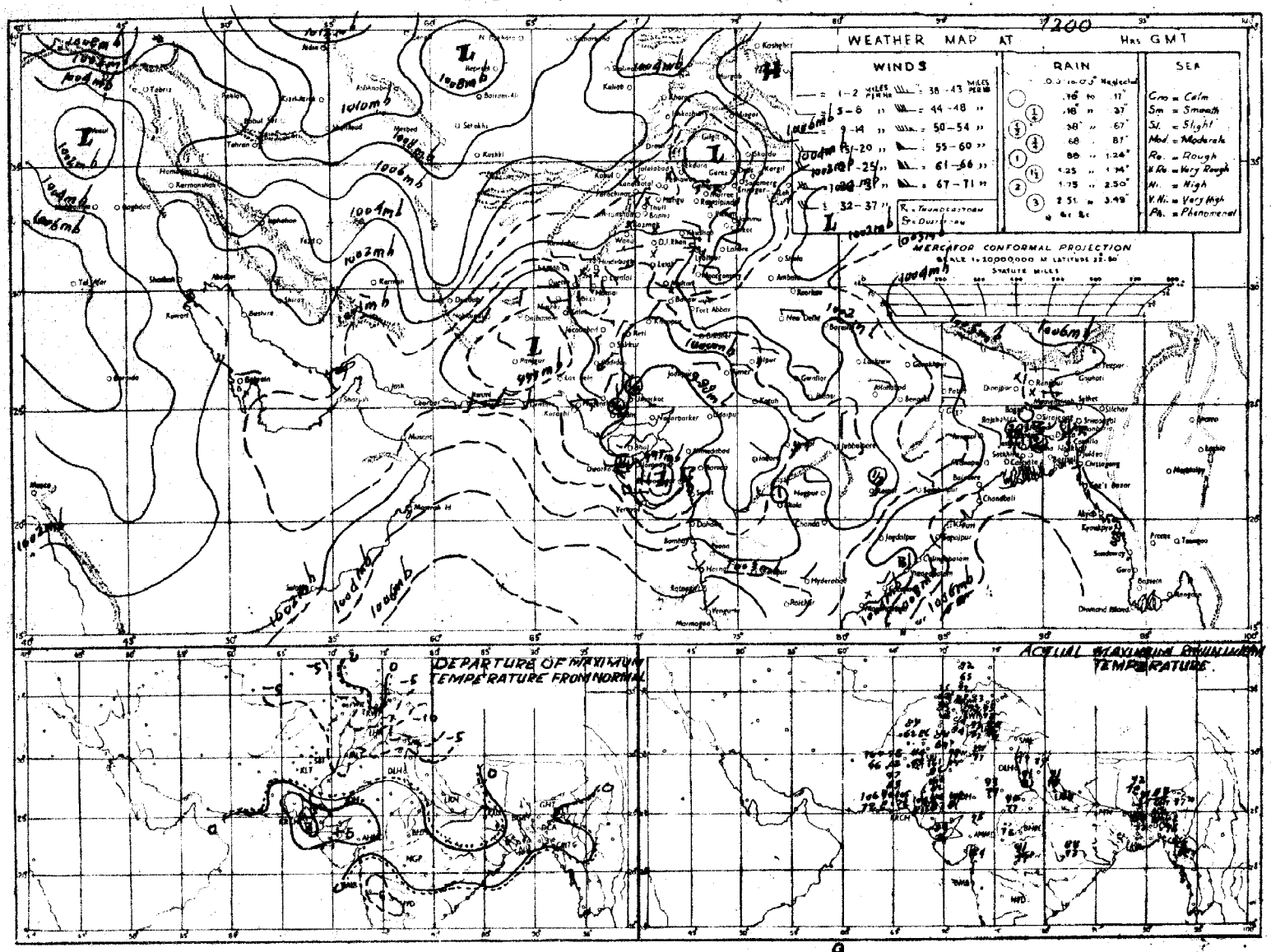
Cloud observation Data (GGiii Cdd V_rV_r etc.)

06 520 31 805

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

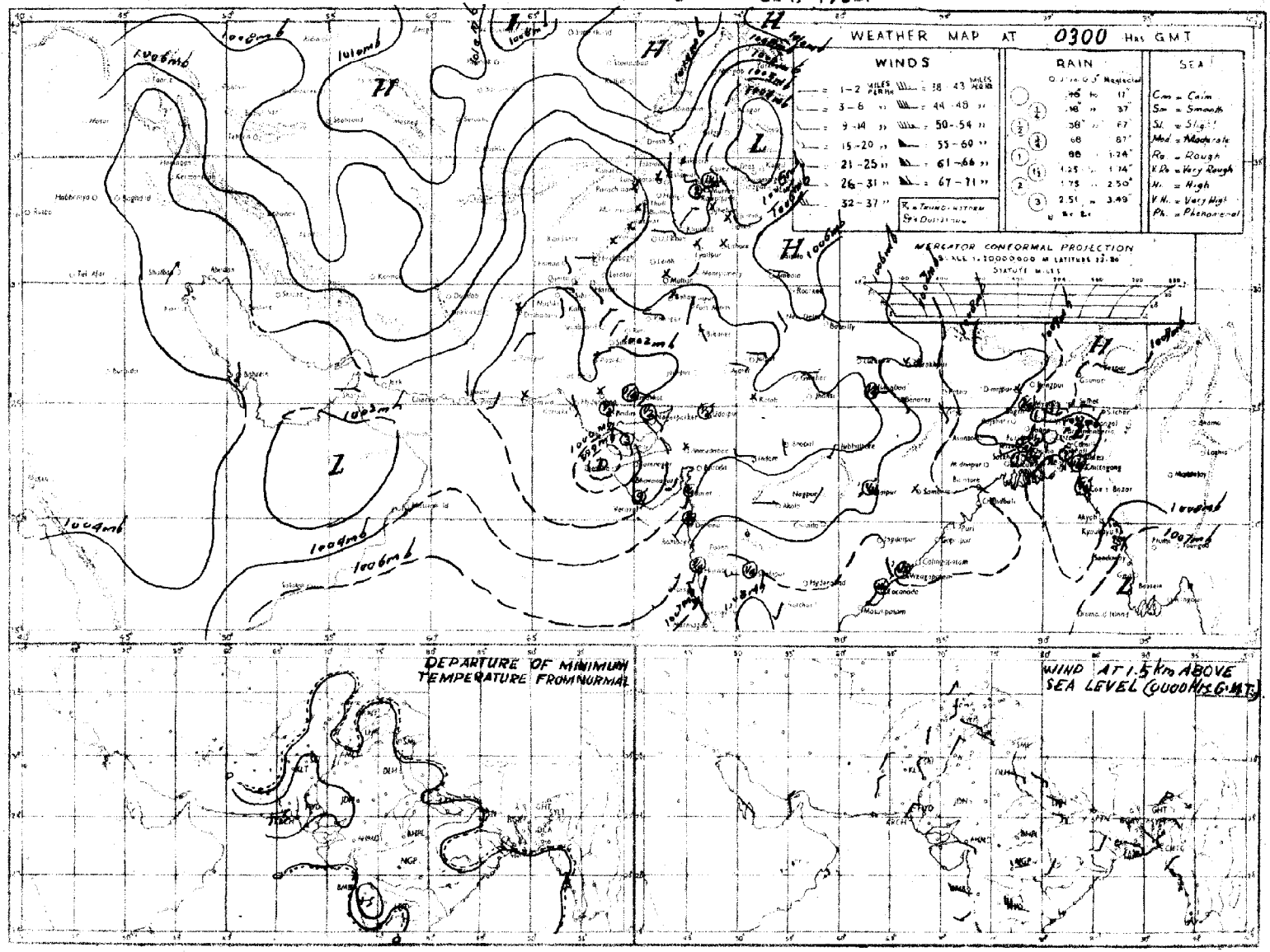
MONDAY 10th SEPTEMBER, 1962.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 11th SEPTEMBER, 1962.



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. 16

WEDNESDAY THE 12th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Observations are lacking but believe yesterday's depression moved slightly northwestwards and was centred last evening at 1200 G.M.T about 30 miles to the northwest of Dwarka. It has thereafter moved slightly northwards and today lies with its centre at 12,0300 G.M.T about 40 miles to the northwest of Dwarka. It is likely to move in a northerly direction.

The westerly low pressure wave over Afghanistan has moved to D.I Khan and Peshawar divisions.

Under their influnce rain/thudershowers have been widespread in Hyderabad division, farily widespread in Rawalpindi and Bahawalpur divisions, local in Lahore. Multan and Khairpur divisions and scattered in Peshawar and Quetta divisions. light rain has also been reported from Karachi division.

The easterly low pressure wave has entered into Noit Andaman Sea and adjoining east central Bay of Bengal.

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

Chief amounts of rainfall are:— Jhelum and Nagarparker 3" each; Lahore, Khanpur and Landikotal 2" each; Umerkot 1/2"; Hyderabad 1"; Bahawalpur and Badin 3/4" each; Faridpur, Murree, Montgomery and Harnai ½" each and Dinajpur and Padidan 1/4" each.

Day temperatures were 3-8°F (2-4°C) below normal in Peshawar Rawalpindi, Sargodha, D.I. Khan, Multan, Lahore and Quetta divisions and the northern districts of Kalat division.

Forecast valid until the evening of 13th September 1962:—Rain/thundershowers will be fairly widespread in Hyderabad and Karachi divisions, local in East Pakistan, Khairpur, Multan and Lahore divisions and scattered elsewhere over the country outside Kalat division.

Heavy rainfall warning:—Locally moderate to heavy rain will continue to fall in Hyderabad division during next 24 hours.

Karachi-11
The 12th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati —	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cox's Bazar —	003	0	6	31	09	97	02	2	034	86	4	8	5	0	8	77	88
	Chittagong —	000	0	4	31	01	97	00	0	034	85	2	0	9	2	2	79	90
	Maijdee Court —	000	9	5	18	02	97	03	0	038	87	5	0	9	5	0	75	91
	Comilla —	000	0	4	00	00	96	02	2	014	88	4	4	6	0	0	80	91
	Brahmanbaria —	000	0	2	00	00	97	03	1	036	87	2	4	5	0	0	77	89
	Sylhet —	000	0	6	00	00	96	02	2	031	83	3	2	6	2	1	79	91
	Srimangal —	000	0	2	00	09	96	02	0	061	73	2	0	4	0	0	73	93
Dacca	Mymensingh —	007	8	8	00	00	97	02	6	039	86	8	5	5	x	x	77	87
	Narayanganj —	000	9	1	00	03	96	03	1	036	87	1	4	3	0	0	77	90
	Dacca (Tezgaon) —	000	0	3	00	00	98	02	1	029	85	1	3	6	0	1	77	88
	Faridpur —	038	6	3	00	00	96	02	6	033	86	4	4	6	1	0	76	87
Khulna	Barisal —	000	0	4	00	00	97	00	0	038	89	4	0	9	8	0	77	91
	Khulna —	000	0	3	00	00	97	01	2	042	84	3	5	7	0	0	77	90
	Satkhira —	000	0	5	00	00	97	03	2	xxx	88	3	4	8	2	0	79	91
	Jessore —	000	0	5	18	02	96	02	2	053	85	4	4	5	6	0	81	89
Rajshahi	Pabna —	000	0	5	18	05	98	01	2	056	84	1	1	7	3	1	78	87
	Siraiganj —	000	0	7	00	00	96	02	2	030	83	7	0	9	1	0	77	86
	Bogra —	015	6	7	09	02	96	03	6	034	85	1	2	x	7	6	78	85
	Dinajpur —	000	5	7	00	00	95	01	9	037	82	0	0	9	0	9	78	92
	Rangpur —	164	6	3	23	02	96	01	1	036	84	3	0	9	0	1	76	90
Kashmir	Jammu —																	
Lahore	Lahore (Jail Rd.) —	161	3	6	05	03	96	50	9	036	76	5	3	4	3	0	75	88
	Sialkot —	000	3	6	13	05	97	02	5	030	79	6	4	4	x	x	73	88
Rawalpindi	Jhelum —	000	1	7	31	07	98	17	9	031	80	7	3	9	0	4	79	xx
	Rawalpindi —	010	7	7	11	02	99	03	2	010	84	7	5	6	0	0	74	86
	Campbellpur —	000	0	2	13	02	98	00	2	954	81	0	1	9	0	1	72	81
Sargodha	Khushab —	000	0	0	09	05	98	00	0	011	92	0	0	9	0	0	83	94
	Lyallpur —	000	0	5	36	02	97	02	3	992	93	5	1	8	9	0	70	93
Multan	Montgomery —	000	0	6	13	03	96	39	2	015	83	6	9	6	0	0	74	95
	Multan —	000	0	2	13	02	98	03	1	993	96	2	2	6	3	1	66	98
	Leiah —	000	0	6	36	04	96	00	0	019	93	2	8	9	3	0	73	97
Bahawalpur	Khanpur —	003	0	3	05	09	96	01	1	989	97	1	1	6	3	0	71	99
	Bahawalpur —	000	0	2	13	02	97	00	0	966	98	0	2	9	1	0	76	98
	Fort Abbas —	000	0	0	05	02	98	00	0	986	95	0	0	9	0	0	73	97
Peshawar	Chakdara —	000	0	3	18	02	97	01	0	999	83	3	0	9	3	0	68	86
	Peshawar —	000	0	4	05	07	97	01	2	013	86	3	8	1	3	1	66	90
	Haripur —	000	9	6	36	01	95	03	1	017	83	6	5	6	0	0	70	86
D. I. Khan	Bannu —	000	0	0	00	00	99	00	1	006	87	0	0	9	0	0	69	92
	D. I. Khan —	000	6	5	31	02	98	03	1	008	84	5	5	8	0	0	72	85
Quetta	Sibi —	000	9	7	05	02	98	03	1	978	01	0	2	9	4	2	68	01
Kalat	Nokkundi —	000	0	0	34	02	98	02	0	994	97	0	0	9	0	0	35	99
	Turbat —	000	0	0	05	04	97	00	0	968	10	0	0	9	0	0	58	12
	Jiwani —	000	0	6	23	17	96	05	3	986	93	0	0	9	0	3	67	02
	Pasni —	000	8	9	22	03	95	02	1	001	86	0	0	9	4	3	78	94
Karachi Division	Ormara —	000	0	6	18	09	94	03	2	995	93	6	0	9	0	1	74	02
	Lasbela —																	
	Karachi (Manora) —	006	5	8	09	05	96	03	8	972	86	0	0	9	2	0	74	91
	Karachi (Airport) —	006	6	7	00	00	97	03	5	986	80	2	5	2	6	0	75	93
Hyderabad	Nagarparkar —	180	0	8	00	00	95	00	0	967	78	0	8	7	0	0	78	89
	Umerkot —	000	0	8	36	04	97	03	0	983	88	8	5	7	0	0	77	94
	Hyderabad —	032	3	8	00	00	96	50	5	002	80	8	0	9	7	0	79	91
	Badin —	000	0	8	00	00	97	00	0	993	91	8	0	9	0	0	82	93
Khairpur	Padidan —	019	2	7	09	05	97	60	6	004	79	3	5	6	2	0	75	95
	Nawabshah —	006	2	7	13	02	96	17	9	004	82	3	9	6	2	0	74	01
	Sukkur —	000	8	6	13	05	97	03	1	981	97	8	0	9	8	0	74	01
	Kashmore —	000	0	4	05	05	99	02	0	949	96	0	0	9	0	4	67	95
	Jacobabad —	000	0	2	09	03	97	01	0	985	00	2	1	8	0	0	79	12
Junagadh	Veraval —																	
Afghanistan	Jalalabad —																	
Arabia	Muscat —																	
	Kuwait —																	
	HILL STATIONS																	
Kashmir	Srinagar * —	xxx	x	7	32	02	96	02	6	462	63	6	6	4	2	x	63	xx
	Gulmarg ** —	xxx	x	8	20	04	92	63	6	106	56	8	6	x	x	x	51	58
	Sonamarg ** —																	
	Dras ** —																	
	Leh ** —	xxx	x	8	00	00	96	16	6	080	59	3	7	5	1	0	45	72
	Skardu * —	014	3	8	00	00	97	60	6	412	62	6	7	4	2	x	55	68
	Misgar ** —	015	3	8	13	03	97	61	5	104	53	4	7	8	2	0	46	57
	Aliabad * —																	
	Gilgit * —	000	0	8	00	00	97	02	2	489	76	8	7	7	x	x	43	80
Rawalpindi	Murree * —	045	8	6	00	00	97	02	6	455	43	6	1	3	0	0	57	64
Peshawar	Drosh * —	002	4	7	00	00	97	01	5	468	75	3	0	7	4	0	54	83
	Cherat * —	000	0	0	18	01	98	01	0	353	86	0	0	9	0	0	69	92
	Kakul * —	002	2	5	25	02	98	02	6	452	76	2	3	6	2	0	64	79
	Landikotal * —	047	0	5	05	02	97	03	1	433	77	5	2	7	0	x	70	80
	Parachinar * —	000	0	3	00	00	99	03	2	437	77	3	1	9	0	0	54	78
D.I. Khan	Miranshah * —	000	0	0	00	00	99	00	0	430	82	0	0	9	0	0	79	85
	Wana * —	000	0	0	00	00	99	00	0	513	83	0	0	9	0	0	59	86
Quetta	Fort Sandeman * —	000	0	3	00	00	99	03	0	437	89	3	0	8	3	0	43	50
	Hindubagh * —	000	0	1	27	12	97	00	0	395	83	0	0	9	0	0	46	85
	Loralai * —	000	0	5	11	03	99	02	1	422	83	0	0	9	1	2	61	88
	Harnai * —	000	0	3	16	05	97	03	0	412	91	2	1	5	0	1	56	91
	Quetta * —	000	0	0	31	02	96	00	0	442	62	0	0	9	0	0	63	84
	Chaman * —	000	0	0	27	05	98	00	0	434	86	0	0	9	0	0	57	87
	Nushki * —	000	0	0	31	05	98	02	0	483	92	0	0	9	0	0	35	93
	Dalbandin * —	000	8	2	05	02	96	03	0	452	95	0	0	9	0	1	41	96
Kalat	Kalat * —	000	0	0	34	05	95	00	0	435	76	0	0	9	0	0	55	81
	Panjgur * —	000	0	0	36	10	96	02	0	443	93	4	0	9	7	0	29	95
Afghanistan	Kabul * —																	
	Kandhar * —																	

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

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 1962 to date	Rainfall: Departure from normal	Rainfall: Since 1st January, 1962 to date	Rainfall: Annual Normal
2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Rangamati	000	0	5	27	02	98	05	1	037	89	3	9	6	7	9	78	81		—	—	—	—	
Cox's Bazar	000	0	6	11	02	97	03	0	079	87	2	1	6	4	0	80	xx	+ 3	—	92.3	− 9.4	103.4	140
Chittagong	000	0	2	36	03	97	02	1	073	88	1	1	7	1	0	78	88	+ 3	+ 11	69.1	− 1.0	82.6	108
Maijdee Court	000	9	4	05	01	97	03	1	081	87	4	2	5	0	0	79	81	+ 5	+ 3	—	—	—	115
Comilla	000	0	2	00	00	97	02	1	061	89	2	2	7	0	0	79	81	+ 2	+ 4	47.9	− 8.8	64.4	94
Brahmanbaria	000	0	2	13	02	97	03	1	084	90	2	4	5	0	0	77	82	—	—	43.5	+ 0.7	61.0	78
Sylhet	000	0	4	09	05	96	03	0	079	xx	4	8	5	0	0	80	78	—	—	88.5	—	12.6	—
Srimangal	000	0	0	00	00	96	00	0	064	88	0	0	9	0	0	78	79	+ 2	+ 4	—	—	—	98
Mymensingh	007	0	6	13	02	97	02	1	076	87	6	2	4	0	0	79	76	− 1	− 2	46.3	− 8.3	62.3	91
Narayanganj	000	9	3	00	00	97	03	1	082	88	3	4	3	0	0	78	81	+ 1	+ 2	—	—	—	74
Dacca (Tezgaon)	000	0	5	00	00	98	02	0	075	85	5	8	5	0	1	77	81	—	+	48.8	—	53.7	—
Faridpur	056	0	4	00	00	97	02	6	078	86	3	5	6	1	0	79	79	− 1	0	32.2	− 9.7	45.6	71
Barisal	000	0	4	13	02	97	02	2	085	89	4	0	9	4	x	79	81	+ 3	+ 2	—	—	—	81
Khulna	000	0	5	00	00	97	04	2	089	98	5	5	6	0	0	79	88	+ 2	+ 11	—	—	—	68
Satkhira	000	0	4	00	00	97	03	2	093	86	2	4	6	2	0	79	80	+ 2	+ 3	44.2	+ 3.3	51.4	65
Jessore	000	8	5	00	00	97	02	2	085	84	5	6	6	0	0	81	77	—	—	32.1	− 7.0	42.3	65
Pabna	000	0	4	23	05	99	03	1	079	85	3	2	7	0	1	78	79	—	—	—	—	—	59
Siraiganj	000	0	4	00	00	99	01	1	075	86	0	0	9	0	0	77	79	− 1	+ 1	33.4	− 6.2	46.4	64
Bogra	015	0	4	09	12	96	02	2	076	87	3	5	6	2	0	79	80	− 2	+ 2	—	—	—	69
Dinajpur	019	3	4	00	00	96	04	2	079	88	4	0	1	2	0	80	76	+ 3	− 2	—	—	—	73
Rangpur	061	0	3	09	01	96	01	1	076	85	3		9	2	0	79	77	+ 1	0	—	—	—	84
Jammu																							—
Lahore (Jail Rd.)	186	9	4	05	02	96	01	8	054	77	3	9	6	4	0	77	75	− 10	+ 1	10.3	− 3.5	16.7	19
Sialkot	000	0	0	00	00	97	00	0	040	61	0	0	9	0	0	74	76	− 8	+ 1	22.1	+ 0.2	26.5	32
Jhelum	265	9	4	07	03	99	01	9	048	79	9	0	9	7	0	72	71	—	—	21.2	—	27.3	—
Rawalpindi	010	0	1	00	00	97	05	0	053	76	1	0	9	8	0	76	73	− 8	0	26.5	+ 4.9	33.2	36
Campbellpur	000	0	0	23	01	98	00	0	938	76	0	0	9	0	0	71	73	—	—	9.6	—	17.9	—
Khushab	000	0	3	09	03	98	01	3	048	82	0	0	9	0	9	75	60	− 6	+ 2	2.4	− 7.1	7.3	15
Lyallpur	000	6	4	07	02	96	02	5	051	80	0	0	9	0	4	74	77	− 5	+ 1	5.9	− 2.8	9.7	12
Montgomery	038	0	8	00	00	96	03	2	052	76	8	3	6	0	0	74	73	− 5	− 4	7.9	+ 1.3	11.6	10
Multan	000	0	8	09	02	97	02	2	045	82	2	4	6	5	2	74	81	− 1	+ 2	1.2	− 3.4	2.9	7
Leiah	000	0	8	00	00	98	02	3	047	81	7	8	8	8	0	77	76	—	—	—	—	—	8
Khanpur	215	9	8	05	07	95	6	9	042	77	3	3	5	2	x	77	75	− 2	0	5.5	+ 0.8	6.5	6
Bahawalpur	070	8	7	13	01	96	02	6	041	80	7	0	8	2	0	77	75	− 2	+ 1	2.5	− 1.7	3.3	6
Fort Abbas	000	0	2	02	02	98	00	0	044	80	0	0	9	0	3	78	76	—	—	0.6	—	0.9	8
Chakdara	000	0	0	36	01	97	00	0	037	75	0	0	9	0	0	64	69	—	—	6.8	—	16.1	—
Peshawar	000	0	1	00	00	98	02	0	053	80	1	0	9	3	0	69	73	− 6	+ 1	1.7	− 2.3	8.3	11
Haripur	000	0	0	13	02	97	00	0	050	77	0	0	9	0	0	71	70	—	—	20.0	—	26.6	—
Bannu	000	0	0	00	00	99	00	0	052	81	0	0	9	0	0	71	73	—	—	2.0	—	5.0	11
D. I. Khan	000	2	0	05	02	98	01	1	050	80	0	0	5	0	0	76	77	− 16	0	1.6	− 3.6	4.4	9
Sibi	000	9	5	27	02	98	02	1	049	79	0	2	9	4	1	70	77	—	—	2.4	—	3.7	5
Nokkundi	000	0	0	31	02	98	02	0	051	71	0	0	9	0	0	25	xx	—	—	0	—	0.1	2
Turbat	000	0	0	13	03	97	00	0	018	84	0	0	9	0	0	59	xx	—	—	1.8	—	4.6	—
Jiwani	000	0	6	09	03	96	05	2	026	79	1	6	4	0	1	73	77	—	—	1.3	—	1.9	9
Pasni	000	3	8	20	04	96	02	2	018	82	4	3	7	4	0	72	81	+ 4	+ 8	0	− 0.9	0.2	6
Ormara	000	0	6	27	05	94	03	2	010	85	6	1	6	0	1	81	80	—	—	0.1	− 0.7	2.0	6
Lasbela																							8
Karachi (Manora)	006	9	8	05	05	96	03	2	013	80	0	0	9	7	0	72	78	+ 5	+ 1	3.8	− 1.0	3.8	8
Karachi (Airport)	007	9	8	05	02	96	02	5	016	82	4	5	6	2	x	76	80	—	—	4.9	—	4.9	—
Nagarparkar	348	0	8	13	02	97	00	0	003	80	0	8	7	0	0	76	61	—	—	10.3	—	10.3	—
Umerkot	129	0	8	05	02	97	03	0	015	80	8	8	7	0	0	79	76	—	—	6.9	—	7.1	—
Hyderabad	073	9	8	05	02	95	50	5	024	79	2	6	5	2	0	77	78	− 7	+ 1	5.3	− 4.4	6.4	7
Badin	076	0	8	05	02	97	02	2	023	80	8	6	8	0	0	77	77	− 2	+ 1	5.2	− 1.9	8.8	9
Padidan	023	9	7	36	02	98	02	6	032	60	3	2	6	3	0	76	79	—	—	2.6	—	3.2	—
Nawabshah	006	0	8	36	03	96	03	2	039	80	3	5	6	2	0	76	79	—	—	2.8	—	3.3	—
Sukkur	005	6	6	16	02	97	03	5	038	81	4	0	9	8	0	78	78	—	—	2.5	—	2.5	4
Kashmore	000	0	6	00	00	99	03	2	968	89	6	1	4	0	0	75	75	—	—	0.5	—	0.5	—
Jacobabad	000	0	7	13	02	96	02	0	039	85	4	5	6	3	0	81	64	− 1	+ 5	1.0	− 1.2	1.9	4
Veraval																							20
Jalalabad																							
Muscat																							4
Kuwait																							5
Srinagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					26
Gulmarg	...	...	...	...	...	...	...	...	...	...	...	...	...			...	...	—					—
Sonamarg																							71
Dras																							24
Leh	...															...	...	—					3
Skardu	015	9	8	00	00	96	02	2	433	59	5	7	4	2	x	53	56	—	—				6
Misgar	013	9	7	23	02	97	02	5	104	46	3	5	8	2	0	42	45	—	—				—
Aliabad																							—
Gilgit	007	0	3	0	00	98	00	1	535	68	2	5	8	0	0	60	62	—	—				5
Murree	045	9	2	00	00	98	01	1	471	64	0	0	9	0	0	49	54	− 6	− 1	27.3	− 5.5	45.7	59
Drosh	002	9	0	00	00	98	02	2	500	63	0	0	9	0	0	51	62	− 6	− 3	4.5	—	16.5	18
Cherat	000	0	0	34	13	98	02	0	431	67	0	0	9	0	0	65	65	+ 7	− 1	11.5	− 0.2	35.6	28
Kakul	002	9	1	27	02	97	01	1	473	69	1	1	7	3	0	63	64	—	—	27.6	—	33.2	—
Landikotal	225	0	1	00	00	98	03	0	468	71	1	1	7	0	0	65	62	—	—	4.7	—	20.3	—
Parachinar	000	0	0	00	00	99	00	0	471	60	0	0	9	0	0	51	59	− 3	0	11.3	—	24.9	25
Miranshah	000	0	0	00	00	99	00	0	473	75	0	0	9	0	0	71	70	—	—	1.1	− 3.0	2.9	13
Wana	000	0	0	00	00	99	00	0	513	69	0	0	9	0	0	55	65	—	—	4.6	—	12.9	11
Fort Sandeman	000	0	1	34	01	99	01	6	487	71	1	0	8	3	0	52	64	− 4	− 3	5.0	+ 0.1	9.7	11
Hindubagh	000	9	0	23	02	97	00	0	455	65	0	0	9	0	0	48	51	—	—	0.8	—	4.6	—
Loralai	000	0	6	00	00	99	01	2	403	67	0	0	9	1	2	62	63	—	—	1.1	—	4.6	9
Harnai	040	0	5	00	00	97	03	5	444	74	5	4	5	0	0	63	67	—	—	5.7	− 1.5	8.8	14
Quetta	000	0	0	00	00	96	00	0	464	65	0	0	9	0	0	62	51	—	—	—	—	—	9
Chaman	000	0	0	09	05	98	00	0	462	75	0	0	9	0	0	31	63	− 5	− 1	0	− 0.1	1.3	8
Nushki	000	0	0	09	13	98	02	0	496	79	0	0	9	0	0	43	48	—	—	0	—	0.2	—
Dalbandin	000	9	1	00	00	97	03	0	452	73	0	0	9	0	1	31	58	− 5	− 6	0	− 0.2	1.1	4
Kalat	000	0	0	16	03	96	00	0	473	59	0	0	9	0	0	44	47	− 3	− 2	0.2	− 1.0	2.1	7
Panjgur	000	0	4	05	03	96	03	0	438	65	4	0	9	7	0	28	62	− 1	− 5	0.3	—	1.3	5
Kabul																							
Kandhar																							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 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 12th SEPTEMBER, 1962.

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 $N_sC_hs h_s$	$OT_sT_sT_dT_d$	$I_{dw}d_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dumra	33 260	526 00	0 09 02	99 0 00	011 92	00 9 00	25 7 02	...	05 2 81	10 0 20
Mozaffari	33 152	561 00	6 25 12	99 0 22	041 81	60 7 00	24 6 12	...	05 1 77	12 5 23
Axis	33 237	653 00	8 25 05	97 0 27	xxx xx	16 7 06	...	...	00 2 82	23 5 xx
Baacbuch	33 082	720 00	5 26 09	98 0 12	058 81	26 x xx	...	...	...	—
Bencbuch	33 077	740 06	5 28 05	99 0 38	078,83	26 x xx	...	...	...	—
World Health	33 164	514 06	1 24 10	96 0 10	055 77	10 9 02	55 3 15	...	00 2 76	22 4 x1
Bridgestone	33 199	885 06	8 25 16	98 0 22	065 86	33 4 61	36 2 05	...	00 7 79	...
World Hill	33 264	513 06	0 10 03	98 0 20	050 95	00 9 00	35 2 10	...	00 2 86	11 0 x1
Isocardia	33 166	549 06	4 23 09	97 0 21	056 77	30 7 79	56 2 14	...	00 6 73	12 3 21
Isodora	33 159	536 12	4 21 12	98 0 21	022 68	30 5 19	23 7 19	...	00 3 xx	12 1 21
Fago	33 237	592 12	4 20 17	97 0 11	998 88	47 5 21	16 7 20	...	00 7 82	12 0 xx
World Hill	33 255	523 12	0 00 00	97 0 20	029 95	00 9 00	55 7 20	...	05 2 37	10 0 x0
World Health	33 161	340 12	4 22 15	97 0 00	043 81	22 5 04	55 8 26	...	05 1 77	12 2 51
Fago	33 222	599 18	0 20 16	98 0 20	957 81	00 9 80	16 4 00	...	00 0 73	12 0 xx
Isidora	33 152	521 18	6 23 09	97 0 31	045 81	42 5 66	56 2 20	...	00 0 79	12 3 21
Rocbiah	33 078	708 18	8 29 10	97 1 66	139 77	99 3 xx	x5 3 03	...	05 2 73	12 9 31
BAY OF BENGAL										
Shams	33 156	877 06	8 24 12	98 0 12	xxx 84	58 3 87	56 1 xx	—	00 1 77	12 4 12

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPPTTTTdTdTd	1000 mb (HHHTTTTdTdTd)	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	052 258 242	—	—	144 185 155	—	311 078 048	437 018 525	583 568 598	755 655 722	966 802	242 002	...	...
Jiwani														
Karachi	00 00	949 275 242	007 xxxxxx	...	140 215 168	...	308 118 065	435 052 012	582 531 572	755 628 655	969 775	248 988	433 095	686 10
Lahore	00 00	981 262 228	041 xxxxxx	—	143 192 182	—	311 102 088	437 028 992	583 538 935	756 645 998	967 805	244 965	—	...
Multan														
Peshawar														
Quetta	00 00	MISDA	—	...	...	...	...	...	...	...	..	—	—	—

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	005 272 255	900 212 185	800 155 112	573 002 532	350 722 798	—	...	—	...	350 722 798	—	—
Jiwani													
Karachi	00 00	900 252 205	800 182 138	...	...	—	—	—	...	—		...	—
Lahore	00 00	900 215 208	800 162 155	...	...	...	...	...	...	—	800 162 155	—	...
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.)
Se—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	09 06	13 06	13 08	13 12	13 12	13 12	—	...	—
Chaklala	—	17 08	11 07	11 06	20 05	24 08	—	...	—
Chhor	11 02	12 04	02 05	—	—	—	—	—	—
Chittagong	29 07	34 04	02 03	30 01	18 08	17 12	14 12	10 15	14 14
Cox's Bazar	—	—	—	—	—	—	—	—	—
Dacca	—	..	—	—	—	—	—	—	—
Dalbandin	—	—	33 02	34 07	02 06	36 12	33 12	29 12	29 16
D.I. Khan	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	24 01	22 02	—	...	—
Fort Sandeman	—	—	—	27 04	24 07	17 06	—	—	—
Jacobabad	02 03	08 04	08 06	06 08	04 13	04 06	23 07	22 12	22 07
Jessore	—	—	—	—	—	—	—	—	—
Jhelum	01 13	06 13	12 12	—	—	—	—	—	—
Jiwani	25 12	31 03	35 08	24 15	03 19	02 23	—	—	—
Karachi	08 20	07 20	04 19	04 20	05 22	—	—	—	—
Khanpur	04 12	04 13	06 09	10 11	09 06	16 04	—	—	—
Lahore	09 09	08 08	08 07	—	—	—	—	—	—
Multan	05 07	05 10	04 10	01 10	02 07	21 01	21 15	22 19	21 24
Muscat	—	—	...	—	—	—	—	—	—
Panjgur	—	—	—	—	—	—	—	—	—
Peshawar	—	01 03	06 01	24 03	—	—	—	—	—
Quetta	—	...	...	—	27 03	24 07	15 08	26 15	27 14
Sharjah	—	—	—	—	—	—	—	—	—
Sylhet	20 04	13 06	36 01	08 01	16 06	16 09	—	—	—

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 03	07 01	05 02	—	—	—
Chaklala	—	26 03	34 04	02 03	03 08	08 10
Chhor	08 11	09 10	—	—	—	—
Chittagong	—	—	—	—	—	—
Cox's Bazar	04 14	04 08	06 06	08 06	09 10	11 11
Dacca	27 02	27 03	33 02	21 02	21 07	15 10
Dalbandin	—	—	08 13	05 12	09 11	32 13
D.I. Khan	—	—	—	—	—	—
Drosh	—	—	—	06 01	32 01	07 04
Fort Sandeman	—	—	—	33 01	16 03	04 06
Jacobabad	04 07	09 09	09 11	—	—	—
Jessore	34 05	02 02	08 03	15 05	—	—
Jhelum	35 05	03 05	08 05	04 03	06 06	08 03
Jiwani	29 13	01 05	04 05	05 20	05 13	36 11
Karachi	—	—	—	—	—	—
Khanpur	No	—	Ascent	—	—	—
Lahore	03 06	11 01	13 03	24 02	14 03	14 05
Multan	34 07	06 07	08 04	—	—	—
Muscat	—	—	—	—	—	—
Panjgur	—	—	—	04 02	04 15	02 16
Peshawar	—	34 06	35 06	33 06	26 05	30 11
Quetta	—	—	—	—	23 1	28 04
Sharjah	—	—	—	—	—	—
Sylhet	—	—	—	—	—	—

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	12 06	13 06	14 03	21 05	—	—	—	—	—	—	—
Chaklala	—	22 04	12 01	12 04	12 06	05 02	—	—	—	—	—
Chhor	10 10	11 13	12 15	—	—	—	—	—	—	—	—
Chittagong	25 06	26 07	28 08	—	—	—	—	—	—	—	—
Cox's Bazar	2 13	21 07	18 02	08 06	—	—	—	—	—	—	—
Dacca	—	—	—	—	—	—	—	—	—	—	—
Dalbandin	—	—	08 07	06 15	05 08	32 08	35 09	05 06	08 04	35 17	30 11
D.I. Khan	—	—	—	—	—	—	—	—	—	—	—
Drosh	—	—	—	—	03 05	02 07	12 01	25 07	24 08	22 06	25 11
Fort Sandeman	—	—	—	31 07	02 03	06 04	—	—	—	—	—
Jacobabad	09 13	09 19	09 23	—	—	—	—	—	—	—	—
Jessore	16 02	16 02	13 03	14 07	—	—	—	—	—	—	—
Jhelum	33 01	07 01	14 03	12 10	12 08	07 05	22 10	24 20	24 31	24 39	24 45
Jiwani	21 03	03 07	35 06	35 06	01 09	36 22	01 20	36 21	01 16	02 05	17 06
Karachi	03 17	03 19	03 22	—	—	—	—	—	—	—	—
Khanpur	No	Ascctn	—	—	—	—	—	—	—	—	—
Lahore	11 07	11 11	10 12	09 09	—	—	—	—	—	—	—
Multan	05 10	05 11	04 01	03 07	02 10	—	—	—	—	—	—
Muscat	—	—	—	—	—	—	—	—	—	—	—
Panjgur	—	—	—	05 07	03 13	02 15	—	—	—	—	—
Peshawar	—	06 03	01 02	32 09	33 13	02 08	28 09	25 08	20 08	11 19	31 24
Quetta	—	—	—	—	35 04	30 10	16 01	17 04	13 09	13 16	15 2[illegible]
Sharjah	—	—	—	—	—	—	—	—	—	—	—
Sylhet	29 03	27 01	16 02	—	—	—	—	—	—	—	—

† 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	17 03	26 01	35 01	09 02	18 03	17 06	14 06	14 07	14 10	09 11	08 15	09 17	09 35	—	—	—	—	—
Karachi	03 20	04 23	04 21	04 24	03 30	05 33	06 27	04 17	05 15	08 09	10 10	13 14	10 10	14 19	01 23	08 30	—	—
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.

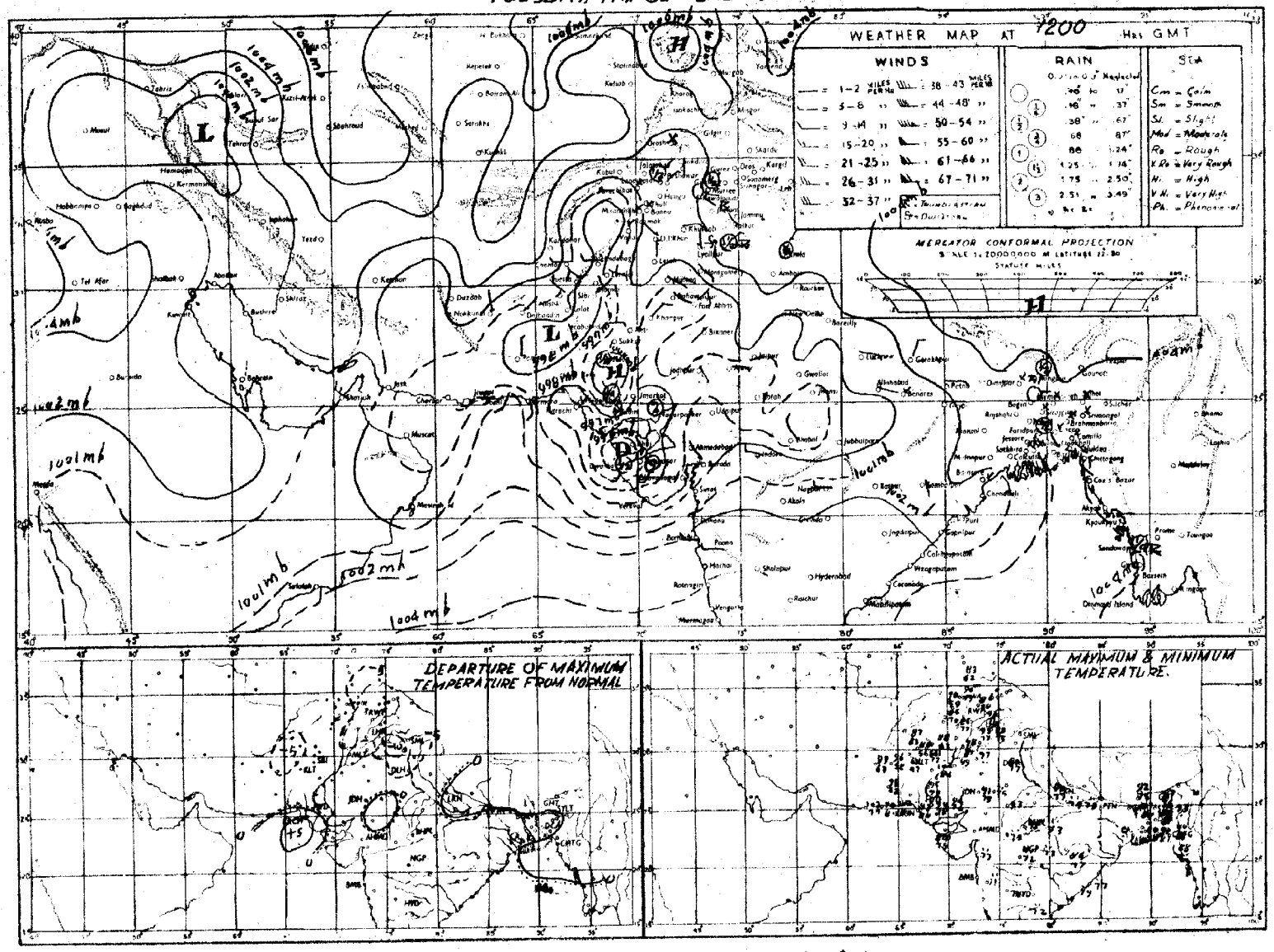
Cloud observation Data (GGiii Cdd V_rV_r etc.)

12 530 32 006

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

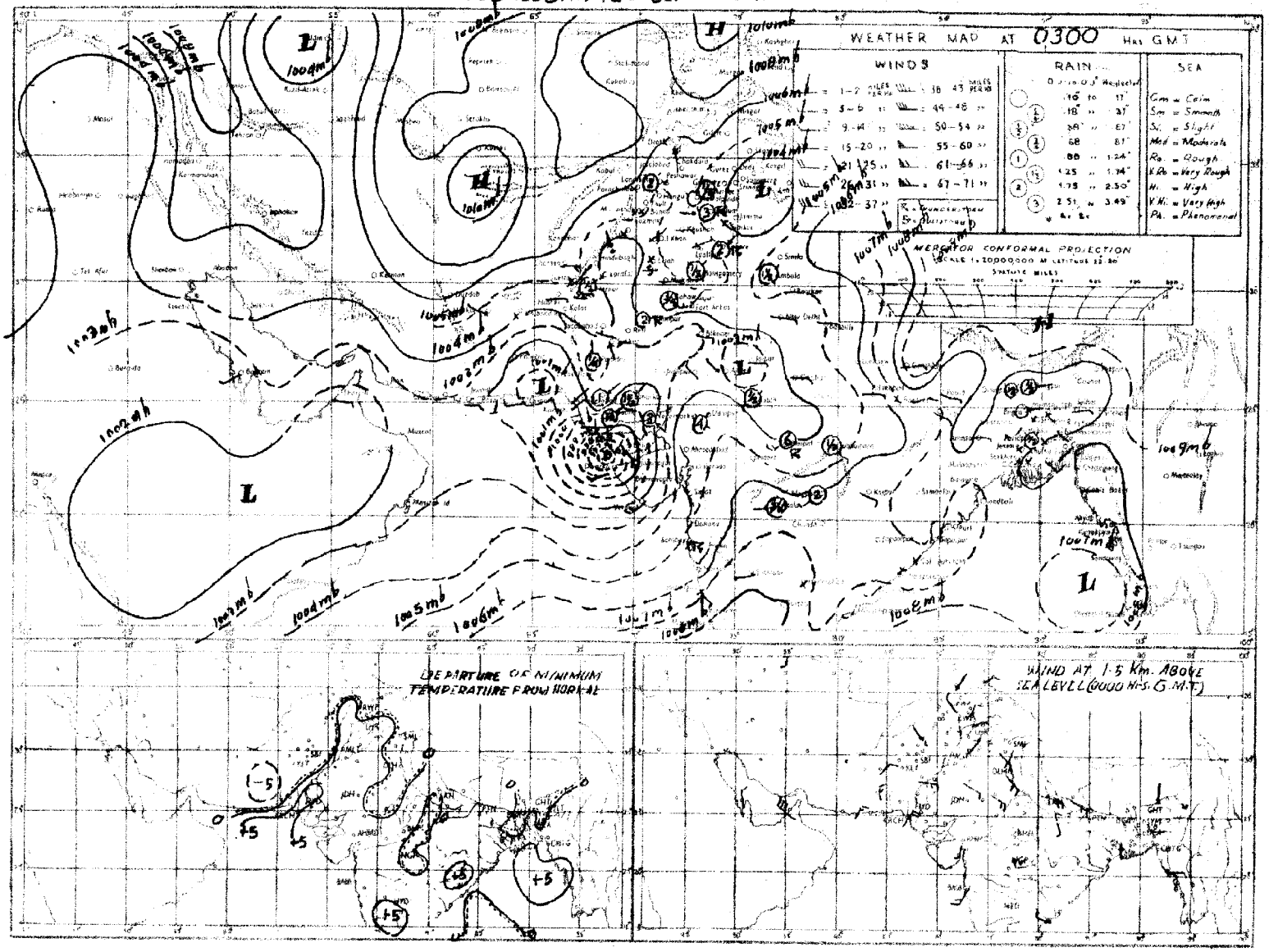
TUESDAY, 11th SEPTEMBER, 1962.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 12th SEPTEMBER, 1962.



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. 16

THURSDAY THE 13th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Observations are lacking but believe yesterday's depression moved slightly northwards intensified and was centered last evening at 1200 G.M.T. about 70 miles north-northwest of Dwarka as a deep depression. It has thereafter moved further northwards, weakened into a depression and to-day lies with its centre at 13, 0300 G.M.T. about 20 miles south of Badin, it is likely to move in a north or northwesterly direction and weaken further.

Yesterday's westerly low pressure wave over D. I. Khan and Peshawar divisions has moved away northeastwards.

Under their combined influence rain/thundershowers have been widespread in Bahawalpur division, fairly widespread in Hyderabad division, local in Karachi, Khairpur and Rawalpindi divisions and scattered in Quetta and Multan divisions. A few thunderstorms have also been reported from Peshawar division.

An easterly low pressure area is to-day lying over east Rajasthan and neighbourhood.

Yesterday's easterly low pressure wave over north Andaman sea and east central Bay of Bengal has to-day moved to central Bay.

Widespread rain/thundershowers have occured over Dacca division and local elsewhere over East Pakistan.

Chief amounts of rainfall are :—Hyderabad 10"; Karachi Airport 5", Narayanganj, Jessore and Sirajganj 3" each; Dacca 1½"; Cox's Bazar, Chittagong, Rangpur, Badin and Jacobabad 1" each; Khairpur 3/4"; Faridpur, Murree, Fortabbas (till 12/1200 G.M.T.) Fortsandeman ½" each and Maijdee Court, Sylhet, Barisal, Montgomery, Bahawalpur and Karachi Manora (till 12/1200G.M.T.) ¼" each.

Day temperatures were 8—18 °F (4—10 °C) below normal in Lahore, Sargodha, Multan, Bahawalpur, Khairpur and Hyderabad divisions and 3—7 °F (2—4 °C) so elsewhere over west Pakistan, outside Peshawar and Karachi divisions and the southern districts of Kalat division and by 3—5 °F (2—3 °C) above normal in East Pakistan.

Forecast valid until the evening of 14th September, 1962 :—Fairly widespread rain/thundershowers will occur over Dacca, Chittagong, Lahore, Rawalpindi, Hyderabad and Karachi divisions and Kashmir, local over Rajshahi, Khulna, Khairpur, Multan and Bahawalpur divisions and scattered elsewhere over the Country outside Kalat division.

Heavy rainfall warning : Locally mroderately heavy to heavy rain will continue to fall in Hyderabad, Karachi and Khairpur divisions during next 24 hours.

Earthquake Report : An earthquake of severe intensity has been recorded by the Seismograph at Geophysical institute, Quetta at 01 hours. 58 minutes and 33 seconds W.P.S.T. to-day the 13th September, 1962. The centre of the shock has been located at a distance of about 400 miles to the northeast of Quetta, somewhere in east Afghanistan.

Karachi-11
The 13th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	054	0	7	18	02	97	05	2	079	77	3	9	5	7	6	74	xx
	Cox's Bazar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chittagong	093	2	8	09	02	96	62	6	044	82	8	7	5	x	x	77	91
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Srimangal																	
Dacca	Mymensingh	080	0	4	13	02	97	02	1	035	90	0	0	9	0	0	76	94
	Narayanganj	000	9	6	00	00	96	03	1	032	90	2	4	3	3	8	xx	94
	Dacca (Tezgaon)	000	0	5	00	00	97	01	1	029	89	0	3	4	0	1	78	91
	Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Khulna	000	0	5	00	00	97	01	1	035	86	5	5	7	0	0	77	91
	Satkhira	000	0	5	00	00	97	03	2	053	85	2	4	8	2	0	77	93
	Jessore	000	0	2	18	02	97	01	1	031	87	2	4	6	0	0	80	91
Rajshahi	Pabna	000	0	4	00	00	99	01	2	023	89	2	3	7	0	3	79	91
	Sirajganj	000	0	2	16	02	95	01	1	030	57	2	0	9	0	1	73	90
	Bogra	000	0	5	00	00	96	02	2	015	89	3	4	6	1	1	79	92
	Dinajpur	000	0	3	00	00	96	01	1	017	88	3	0	9	4	0	82	94
	Rangpur	100	0	3	00	00	96	03	0	027	89	2	2	6	1	0	81	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	7	05	03	96	02	2	042	81	2	4	7	7	0	74	83
	Sialkot	000	0	6	23	03	98	02	1	028	84	6	5	6	x	x	74	87
Rawalpindi	Jhelum	017	3	7	05	02	97	17	9	044	81	4	3	6	1	0	74	90
	Rawalpindi	000	0	5	11	05	99	03	2	032	86	5	2	6	0	0	73	89
	Campbellpur	000	0	0	13	01	99	00	0	954	81	0	1	9	0	1	72	91
Sargodha	Khushab	000	0	6	09	09	98	03	1	027	91	3	3	9	3	0	79	94
	Lyallpur	000	3	6	00	00	96	50	5	034	85	6	7	8	0	0	78	85
Multan	Montgomery	000	0	7	13	02	96	03	2	035	82	7	4	7	0	0	76	82
	Multan	000	5	8	18	02	97	50	5	076	83	2	2	6	7	x	77	89
	Laiah	000	0	7	00	00	98	02	2	023	90	0	0	9	9	0	82	90
Bahawalpur	Khanpur	062	9	7	05	09	96	60	9	020	81	2	2	6	7	0	75	82
	Bahawalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Fort Abbas	049	0	4	05	02	97	01	2	017	75	0	3	5	0	5	74	87
Peshawar	Chakdara	000	0	6	18	04	97	00	0	934	86	0	0	4	0	0	65	90
	Peshawar	000	0	6	13	09	98	01	2	035	87	2	2	5	7	0	74	91
	Haripur	000	0	2	23	02	96	00	0	974	85	2	2	6	0	0	69	90
D. I. Khan	Bannu	000	3	3	13	01	97	00	0	014	91	0	0	9	0	3	67	93
	D. I. Khan	000	3	6	00	00	98	03	0	019	89	6	6	8	0	0	73	79
Quetta	Sibi	000	9	7	13	02	98	03	1	021	92	0	2	9	4	2	70	93
Kalat	Nokkundi	000	0	0	34	05	98	02	0	982	98	0	0	9	0	0	17	01
	Turbat	000	0	0	07	05	98	00	0	968	09	0	0	9	0	0	37	10
	Jiwani	000	0	6	23	12	96	03	1	990	90	0	0	9	0	1	70	93
	Pasni	000	8	8	25	08	95	02	1	001	86	0	0	9	4	3	78	93
Karachi Division	Ormara	000	0	6	18	05	94	03	2	978	93	6	0	9	0	1	67	97
	Lasbela																	
	Karachi (Manora)	021	4	8	36	12	97	03	8	991	83	0	0	9	2	0	72	87
	Karachi (Airport)	054	5	7	05	16	98	01		986	83	3	3	6	2	0	76	88
Hyderabad	Nagarparkar	002	0	1	13	01	97	00	0	967	65	0	1	7	0	0	78	90
	Umerkot	005	2	8	09	03	96	03	5	978	87	8	9	7	0	0	78	92
	Hyderabad	067	9	8	09	05	95	55	0	994	80	4	6	5	2	0	79	83
	Badin	072	0	8	00	00	97	02	8	991	83	8	6	6	0	0	79	87
Khairpur	Padidan	017	7	7	36	07	98	02	6	012	79	2	2	6	2	0	75	81
	Nawabshah	013	0	8	36	09	96	02	2	011	84	4	5	6	2	0	77	87
	Sukkur	000	3	8	13	02	97	03	5	013	85	8	0	9	9	0	76	86
	Kashmore	000	8	6	05	05	98	02	5	939	74	0	1	2	0	0	65	93
	Jacobabad	100	7	7	31	05	96	02	6	022	82	3	4	6	2	0	79	85
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	7	18	03	96	50	5	567	67	7	3	4	x	x	62	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *	000	6	7	09	02	97	03	5	383	69	6	3	4	3	0	46	72
	Misgar **	0.0	0	2	23	00	98	01	0	080	60	2	1	8	0	0	26	65
	Alibad *																	
	Gilgit *	000	0	1	00	00	99	01	1	456	85	1	5	9	0	0	64	86
Rawalpindi	Murree *	047	3	8	13	02	96	17	6	475	61	8	7	1	9	x	59	71
Peshawar	Drosh *	000	0	1	30	09	99	01	0	434	87	1	1	7	0	0	32	92
	Cherat *	000	0	1	03	01	98	02	2	414	84	0	0	9	0	0	47	92
	Kakul *	000	8	6	16	05	97	17	1	465	74	6	7	5	0	0	65	81
	Landikotal *	000	0	1	13	03	59	01	0	445	84	1	1	7	0	0	59	87
	Parachinar *	000	0	3	00	00	99	03	0	433	78	3	1	9	0	0	51	79
D. I. Khan	Miranshah *	000	0	4	05	05	98	03	2	453	86	4	4	8	0	0	73	89
	Wana *	090	0	0	00	00	99	00	0	513	83	0	0	9	0	0	56	85
Quetta	Fort Sandeman *	000	0	5	11	03	99	03	0	452	79	2	5	7	3	0	60	87
	Hindubagh *	000	0	0	13	03	97	00	0	402	83	0	0	9	0	0	55	84
	Loralai *	000	0	7	20	05	98	02	2	410	79	0	4	8	2	1	65	87
	Harnai *	000	0	4	13	05	97	03	0	433	85	4	4	5	0	0	72	86
	Quetta *	000	0	2	18	02	96	02	0	428	82	2	1	5	0	0	72	85
	Chaman *	000	0	0	23	07	96	00	0	419	80	0	0	9	0	0	33	89
	Nushki *	000	0	0	27	09	98	02	0	473	93	0	0	9	0	0	37	96
	Dalbandin *	000	8	1	05	05	97	03	0	449	95	0	0	9	0	1	47	98
Kalat	Kalat *	000	0	0	09	03	96	00	0	439	71	0	0	9	0	0	55	84
	Panjgur *	000	0	5	36	12	97	03	0	434	92	5	0	9	7	0	25	96
Afghanistan	Kabul *																	
	Kandhar *																	

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 1962 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1962 to date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	094	9	6	18	02	97	05	9	083	86	2	8	6	8	4	76	77	—	—				—
	Cox's Bazar	107	9	7	00	00	97	02	6	072	84	3	4	5	7	x	75	76		0	93.4	— 9.8	104.1	140
	Chittagong	100	8	6	09	03	97	02	6	050	85	4	5	6	2	0	76	76	+ 4	— 1	70.1	— 1.3	83.6	106
	Maijdee Court	020	9	6	00	00	97	03	6	078	87	4	2	5	2	0	78	77		— 1	—	—	—	115
	Comilla	000	0	4	00	03	97	02	2	055	84	4	4	5	0	0	78	79		+ 2	47.0	— 9.2	69.1	94
	Brahmanbaria	016	0	6	01	01	97	03	1	078	85	6	4	5	0	0	77	78		—	43.6	+ 0.6	61.1	78
	Sylhet	036	8	8	00	00	96	91	9	077	79	5	4	5	2	x	76	77		—	88.9	—	12.9	—
	Srimangal																				—	—	—	98
Dacca	Mymensingh	032	2	8	23	02	97	02	9	078	83	8	7	4	x	x	77	79	+ 5	+ 1	46.3	— 8.8	62.3	91
	Narayanganj	274	9	7	00	00	97	03	9	075	80	4	4	3	2	0	77	76	+ 5	— 3	—	—	—	74
	Dacca (Tezgaon)	174	6	7	03	03	97	02	9	069	82	2	5	5	7	0	79	75	—	—	50.5	—	55.4	—
	Faridpur	047	0	8	03	00	95	02	6	078	82	7	5	5	1	0	76	79		0	32.6	— 9.5	46.1	71
Khulna	Barisal	030	4	6	18	02	97	02	6	076	85	6	0	9	4	0	79	78		— 1	—	—	—	81
	Khulna	0		6	00	00	97	03	2	071	85	6	5	5	0	0	79	73	+ 3	+ 2	—	—	—	68
	Satkhira	000	0	7	00	00	96	03	2	079	84	4	4	4	2	0	78	81	+ 4	+ 4	41.2	+ 3.0	51.4	65
	Jessore	340	0	8	00	00	96	03	2	066	82	6	7	5	6	0	79	79	—	—	32.1	— 7.3	42.3	65
Rajshahi	Pabna	000	9	8	15	02	97	03	9	065	84	2	2	9	9	x	75	81	—	—	—	—	—	59
	Sirajganj	267	5	8	03	00	96	02	5	071	81	8	7	5	0	0	73	73	+ 3	— 5	36.1	— 3.9	49.0	64
	Bogra	000	0	8	00	10	96	02	2	065	83	5	4	5	2	x	77	80	+ 3	+ 2	—	—	—	69
	Dinajpur	000	9	6	00	00	96	02	2	070	83	6	2	9	x	x	77	75	+ 5	— 3	—	—	—	72
	Rangpur	102	3	8	13	02	96	63	8	068	76	8	0	6	7	x	75	75	+ 2	— 2	—	—	—	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	6	7	00	00	96	25	0	048	76	2	5	6	7	0	75	75	— 15	+ 1	10.3	— 2.5	16.7	19
	Sialkot	000	0	0	00	00	97	00	0	045	62	0	0	9	0	0	75	75	— 9	0	22.1	+ 0.1	26.5	32
Rawalpindi	Jhelum	017	9	1	31	02	98	03	9	042	80	1	0	9	3	0	74	74	—	—	21.3	—	27.4	
	Rawalpindi	000	0	0	00	00	99	04	0	055	75	0	0	9	0	0	69	71	— 5	+ 1	26.5	+ 4.7	33.2	36
	Campbellpur	000	0	0	05	02	98	00	0	979	78	0	0	9	0	0	71	70	—	—	9.6	—	17.9	—
Sargodha	Khushab	000	0	0	23	02	52	00	0	015	83	0	0	9	0	0	79	79	— 6	+ 1	2.4	— 7.2	7.3	15
	Lyallpur	000	6	4	00	00	96	02	5	054	78	0	0	9	0	3	76	77	— 13	+ 1	5.9	— 2.9	9.7	12
Multan	Montgomery	003	0	2	03	03	96	07	3	044	80	2	4	7	0	0	74	xx	— 18	—	8.1	— 1.5	11.2	10
	Multan	000	9	6	36	02	98	01	5	047	84	6	0	9	0	5	74	79	— 10	0	1.2	— 3.4	2.9	7
	Laiah	000	0	3	00	00	99	01	1	049	83	0	0	9	1	0	76	67	—	—	—	—	—	8
Bahawalpur	Khanpur	068	9	0	03	03	97	00	0	045	82	0	0	9	0	0	75	75	— 19	0	6.2	+ 1.4	7.1	6
	Bahawalpur	035	6	7	27	01	96	03	5	049	80	7	0	9	2	0	73	80		± 6	2.9	— 1.3	3.6	6
	Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—			—		8
Peshawar	Chakdara	000	9	2	36	02	97	00	0	025	76	0	0	9	0	0	64	70	—	—	6.8	—	16.1	—
	Peshawar	000	6	0	00	00	98	02	0	050	80	0	0	9	0	0	69	79	— 5	+ 7	1.7	— 2.3	8.3	11
	Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—					—
D. I. Khan	Bannu	000	0	0	03	00	99	00	0	049	82	0	0	9	0	0	70	73	—	—	2.0	—	5.0	11
	D. I. Khan	020	0	0	00	00	98	03	0	047	82	0	0	9	0	0	79	77	— 7	0	1.6	— 3.6	4.4	9
Quetta	Sibi	000	9	6	02	00	98	03	0	041	95	0	2	9	4	1	74	78	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	0	0	36	07	98	02	1	045	74	0	0	9	0	0	24	67	—	—	0	—	0.1	2
	Turbat	000	0	0	27	01	96	05	0	035	84	0	0	9	0	0	72	xx	—	—	1.8	—	4.5	—
	Jiwani	000	0	6	13	03	91	02	2	048	83	6	6	4	0	0	77	72	—	—	1.2	—	1.9	5
	Pasni	000	3	2	20	03	96	75	1	009	82	0	0	9	0	2	73	81	+ 3	+ 8	0	— 0.9	0.2	6
Karachi Division	Ormara	000	0	7	00	03	94	03	2	021	83	7	0	9	1	1	80	80	—	—	0.1	— 0.7	2.0	6
	Lasbela																							8
	Karachi (Manora)																		+ 2					8
	Karachi (Airport)	504	9	8	36	12	96	61	9	006	76	3	5	6	2	x	76	76	—	—	10.0	—	10.0	—
Hyderabad	Nagarparkar	002	0	4	13	01	97	00	0	980	82	0	4	7	0	0	75	xx	—	—	10.3	—	10.3	—
	Umerkot	012	0	8	11	03	96	03	0	019	82	8	9	7	0	0	79	81	—	—	7.1	—	7.2	—
	Hyderabad	987	9	8	36	07	97	02	6	018	79	6	6	4	2	0	77	76	— 14	+ 1	15.1	+ 9.4	15.9	7
	Badin	116	0	0	05	02	97	02	5	006	80	8	6	6	0	0	77	77	— 8	+ 1	6.4	— 0.7	6.9	9
Khairpur	Padidan	017	9	7	05	07	98	03	1	039	81	2	2	6	7	0	75	78	—	—	2.6	—	3.4	—
	Nawabshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Sukkur	000	9	7	02	05	97	03	2	041	81	7	0	9	9	0	75	79	—	—	2.5	—	2.5	4
	Kashmore	000	0	0	03	00	99	02	2	057	87	6	1	4	0	0	72	63	—	—	0.5	—	0.5	—
	Jacobabad	103	0	7	13	02	96	02	2	047	81	2	5	6	7	0	78	79	— 18	—	2.0	— 0.2	2.9	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							28
	Leh **																							3
	Skardu *	000	9	4	00	00	96	02	5	396	61	4	2	6	0	0	48	53	—	—				6
	Misgar **	000	0	0	27	03	98	02	0	115	49	0	0	9	0	0	30	41		—				—
	Alibad *																							—
	Gilgit *	000	0	0	03	00	99	00	0	512	69	0	0	9	0	0	53	63	—	—				6
Rawalpindi	Murree *	047	9	2	00	00	98	01	1	469	64	0	0	9	0	4	52	55	+ 1	0	27.6	— 5.2	45.8	59
Peshawar	Drosh *	000	0	0	00	00	99	02	0	496	69	0	0	9	0	0	47	63	+ 3	— 2	4.5	—	16.5	15
	Cherat *	000	0	3	06	13	98	00	0	422	69	0	0	9	0	0	67	65	+ 7	— 1	11.5	+ 0.5	35.6	29
	Kakul *	000	9	0	00	00	97	00	0	044	78	0	0	9	0	0	67	69	—	—	27.6	—	33.2	—
	Landikotal *	000	0	0	00	00	99	00	0	467	75	0	0	9	0	0	66	65	—	—	4.2		20.3	—
	Parachinar *	000	0	0	00	00	99	00	0	492	66	0	0	9	0	0	55	58	— 2	— 1	11.3	—	24.9	25
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	473	75	0	0	9	0	0	69	71	—	—	1.1	— 3.1	2.9	13
	Wana *	000	0	0	00	00	98	00	0	513	66	0	0	9	0	0	37	60	—	—	4.6	—	12.9	11
Quetta	Fort Sandeman *	051	2	0	00	00	99	01	6	487	72	0	0	9	0	0	62	66	— 7	— 1	5.0	+ 0.6	10.2	11
	Hindubagh *	000	0	0	23	02	97	00	0	450	68	0	0	9	0	0	55	58	—	—	0.8	—	4.6	—
	Loralai *	000	0	0	00	00	99	00	0	405	72	0	0	9	0	0	63	60	—	—	1.1	—	4.6	9
	Harnai *	000	0	0	00	00	97	00	0	445	74	0	0	9	0	0	64	71	—	—	5.7	— 1.5	8.8	14
	Quetta *	000	0	0	23	02	96	00	0	464	70	0	0	9	0	0	54	59	—	—	—	—	—	9
	Chaman *	000	0	0	09	05	98	00	0	460	76	0	0	9	0	0	33	66	— 3	+ 4	0	— 0.1	1.3	8
	Nushki *	000	0	0	00	00	98	02	0	496	75	0	0	9	0	0	43	63	—	—	0	—	0.2	—
	Dalbandin *	000	9	2	00	00	96	03	1	446	64	0	0	9	0	0	27	59	— 3	5	0	— 0.2	1.1	4
Kalat	Kalat *	000	0	0	03	02	96	00	0	469	65	0	0	9	0	0	60	53	0	+ 4	0.2	— 1.0	2.1	7
	Panjgur *	000	0	2	05	03	96	03	0	444	69	0	0	9	0	1	69	61	0	— 6	0.5	—	1.3	5
Afghanistan	Kabul *																							17
	Kandhar *																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure omitted.
** These stations report for PPP, the geopotential of the 700 Pressure level in geo... ...the thousands figure omitted.
RRR at 0300 hrs. G.M.T. is ...
Whenever 999 is given ...

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 13th SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ LaLaLa	LoLoLo GG	N dd ff	VV ww W	PPP TT	NhCLhCMCH	DsVs s PP	8 NsChhs	OTsTsTsTs	IdwdwPwHw
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Mozaffari	43 161	605 00	4 23 96	88 0 10	042 79	28 7 00	23 6 47	...	00 0 77	12 3 23
Dumra	43 260	569 00	0 06 02	99 0 03	023 90	03 9 00	35 4 00	...	00 0 79	10 6 20
Meerkerk	43 311	595 06	6 22 18	97 0 12	068 82	44 4 62	25 3 26	...	00 2 79	12 2 22
Utrecht	43 233	628 06	8 26 10	98 0 22	049 85	00 6 09	36 2 16	...	00 2 79	12 6 21
Venassa	43 209	573 06	8 24 09	96 0 52	049 77	85 5 xx	16 1 20	...	05 4 75	12 4 33
Chuprr	43 200	698 12	6 35 18	97 6 11	013 84	45 9 90	35 6 07	...	00 1 77	12 5 11
Meerkerk	43 106	613 12	7 22 17	98 0 31	066 81	72 4 62	25 7 11	...	00 0 73	12 2 32
Utrecht	43 233	637 12	8 36 00	97 0 23	010 85	21 4 3x	36 0 10	...	00 1 59	12 5 21
Fogo	43 261	569 12	0 32 06	98 0 20	982 33	00 9 00	76 7 20	...	00 0 82	13 2 xx
Venassa	43 215	600 12	2 10 70	96 0 12	999 83	00 9 01	16 6 10	...	00 1 79	11 7 31
Caltex Delfi	43 153	533 12	0 21 06	98 0 21	019 85	00 9 00	...	...	00 2 81	12 1 x1
Venassa	43 234	590 19	0 18 05	98 0 10	005 87	00 9 00	76 4 00	...	00 0 84	11 8 10
Utrecht	43 217	660 18	8 28 09	97 0 22	027 82	88 4 0x	36 1 04	...	05 1 79	12 8 21
Riyahmaru	43 165	665 18	4 25 15	97 2 52	050 81	24 3 10	76 3 20	...	00 2 xx	12 7 32
Bridgestone	43 110	850 18	8 01 07	97 0 26	115 79	75 4 xx	36 2 35	...	00 2 73	...
Melnam	43 088	629 18	3 32 14	98 0 10	113 82	24 3 20	66 4 16	...	04 8 74	12 2 20
Karakoru	43 160	639 18	3 21 19	98 0 11	049 99	32 4 00	27 1 10	...	00 1 76	12 1 21
BAY OF BEGAL										
Jaladharati	43 193	868 06	3 18 05	98 0 11	057 79	21 6 60	...	...	...	...
Safina-e-arab	43 [illegible]	861 00	8 29 13	97 0 [illegible]	[illegible] 92	71 3 15	...	...	...	...

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
			HHHTTTTdTdTd								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra														
Chittagong														
Dacca	00 00	...	549 248 245	...	140 170 170	...	310 082 068	436 608 505	581 578 578	752 658 665	964 788	241 812	...	...
Jiwani														
Karachi	00 00	996 262 235	510 xxxxxx	...		...								
Lahore	00 00	980 258 222	039 xxxxxx	...	143 238 182	...	316 188 085	447 145 512	599 073 648	756 645 998	006 562	320 868	...	...
Multan														
Peshawar	00 00	MISDA	...	...	...	...					...	...	...	...
Quetta	00 00	830 188 122	...	...	...	...	314 140 990	432 105 995	592 040 100	770 058 738	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTTdTdTd									Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	005 262 242	900 192 185	800 148 142	585 002 512	350 712 718	250 895 908	010 590 630	...	...	010 590 620	...	...
Jiwani													
Karachi	00 00	MISDA											
Lahore	00 00	900 245 205	800 232 155	...	...	...	...	...	...	...	800 232 155	...	...
Multan													
Peshawar	00 00	MISDA	...	...	...	...	...						
Quetta	00 00	800 180 xxx	...	...	...	...	...	...	...	...	800 180 xxx	...	...

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	21 04	22 07	24 07	25 06	24 06	19 07	12 05	06 02	15 02
Chaklala		15 11	15 47	35 12	15 09	14 07			
Chhor	09 12	08 15	08 15						
Chittagong									
Cox's Bazar									
Dacca	22 05	22 04	22 04	21 07	22 09	17 09	12 07	09 05	07 10
Dalbandin			08 12	04 10	02 04	02 11	33 05	35 10	02 09
D.I. Khan									
Drosh					23 11	22 08	20 12	17 08	19 04
Fort Sandeman				09 07	10 11	03 11			
Jacobabad	34 06	08 07	07 17	07 16					
Jessore									
Jhelum	05 04	13 07	13 10	12 04	13 05				
Jiwani	20 09	20 05	24 06	32 08	36 10	01 24	01 12	01 25	02 23
Karachi	02 19	04 19	03 25	03 16	02 19				
Khanpur	07 13	06 23							
Lahore	07 08	08 08	08 11	11 13	13 10	17 07			
Multan									
Muscat									
Panjgur				02 07	02 05	02 10			
Peshawar		09 11	10 11	12 07	17 04	27 08	01 03	34 07	30 11
Quetta					22 10	26 07	26 05		
Sharjah									
Sylhet	29 10	30 08	38 07						

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

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

* 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

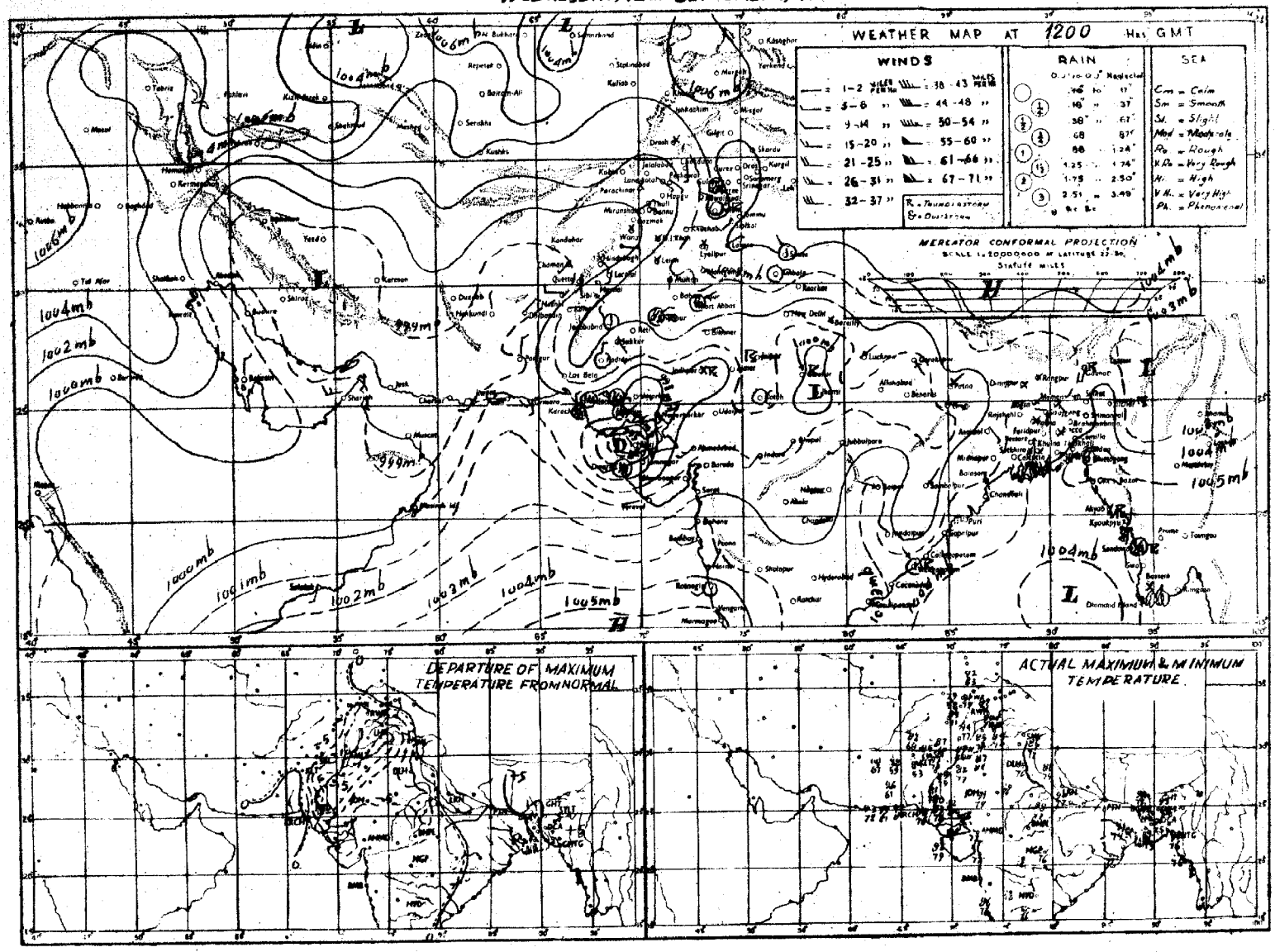
Height in g. p. Kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	7.2	9.0	10.5	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	23 07	23 07	27 03	27 02	24 03	07 03	08 03	12 03	12 05	12 15	15 13	10 06	09 10	...	...	...	...	...
Karachi	MISDA		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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 (CCIII Cdd VsVs etc.)

PAKISTAN DAILY WEATHER MAP

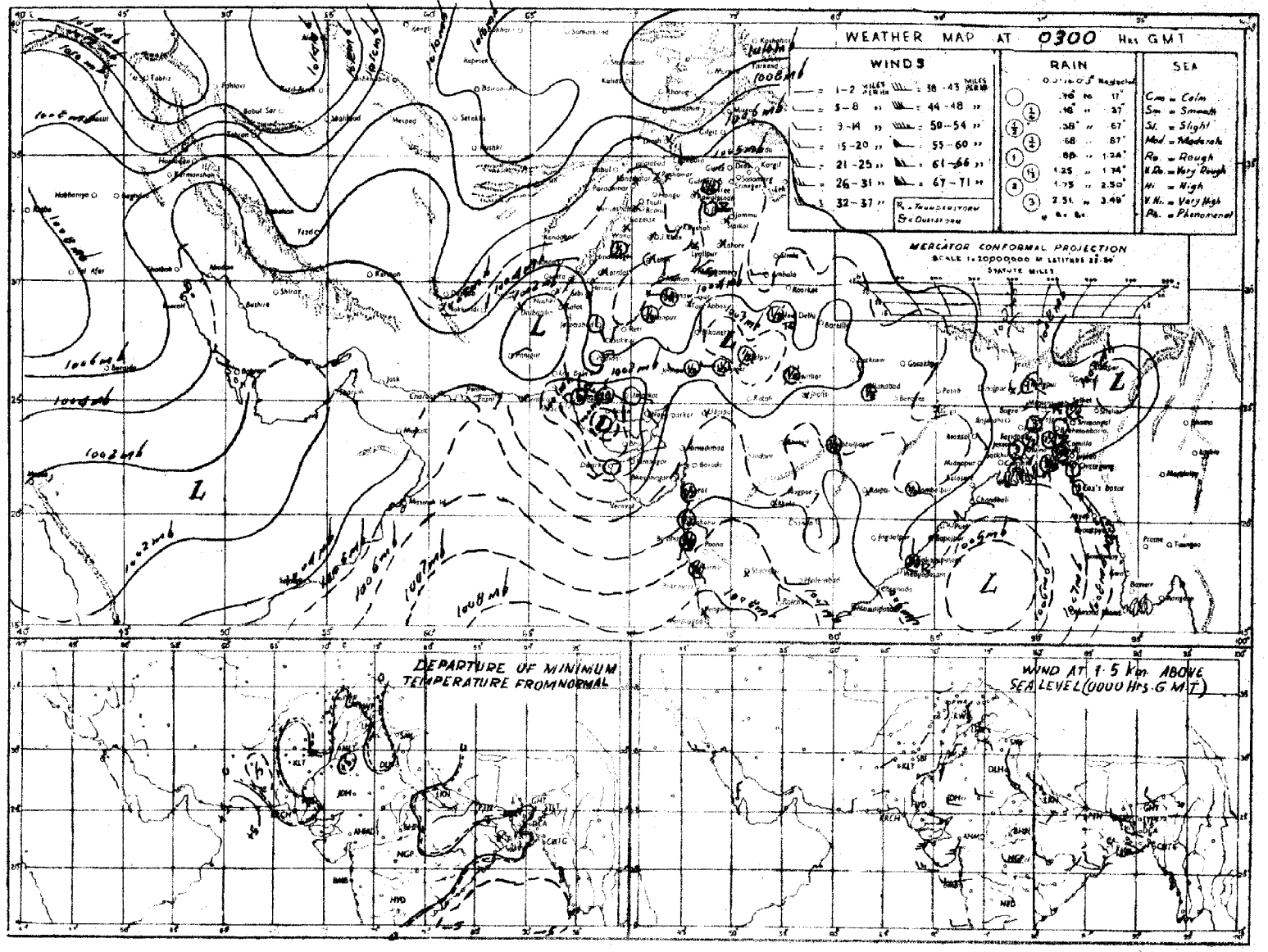
WEDNESDAY, 12th SEPTEMBER, 1962.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY, 13th SEPTEMBER, 1962.



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. 16

FRIDAY THE 14th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Latest available ships reports indicated that yesterday's depression was centred at 13,1200 GMT within one degree of latitude 24 °N and longitude 67½ °E. It moved westnorthwestwards weakened and today lies at 14,0300 GMT as a shallow depression centred within one degree of latitude 24½ °N and longitude 65½ °E. It is likely to move northwestwards and cross coast by to-night. Under its influence rain/thundershowers have been fairly widespread in Hyderabad division and local in Karachi division.

The easterly low pressure area over east Rajasthan has moved to Punjab (India) and neighbourhood.

A westerly low pressure wave is moving across Peshawar division.

Under the influence of the easterly low pressure wave a well marked trough of low pressure has developed in north and central Bay of Bengal.

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

Chief amounts of rainfall are :—Sylhet 2", Karachi Manora (upto 1200 GMT) 1½", Maijdee Court 1", Karachi Airport 3/4", Narayanganj, Sirajganj and Hyderabad 1/2" each and Cox's Bazar Comilla and Badin 1/4" each.

Day temperatures were 3-11°F (2-6 °C) below normal in Lahore, Sargodha, Multan, Bahawalpur, Khairpur, Hyderabad and Karachi divisions.

Forecast valid until the evening of 15th September, 1962:—Rain/thundershowers will be fairly widespread in East Pakistan, Lahore and Rawalpindi divisions and in Kashmir, local in Kalat, Khairpur and Karachi divisions and scattered elsewhere over West Pakistan.

Karachi-11
The 14th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	000	0	7	17	05	97	05	1	043	83	4	8	5	7	3	77	92
	Cox's Bazar	000	0	7	18	13	97	02	2	035	83	5	4	5	4	8	76	87
	Chittagong	000	0	4	23	03	97	02	2	032	82	1	3	7	2	1	78	89
	Maijdee Court	000	0	4	13	05	97	03	0	032	84	0	0	9	2	1	77	88
	Comilla	020	3	8	00	00	96	02	9	011	82	8	4	5	x	x	79	91
	Brahmanbaria	000	0	6	17	02	97	03	1	034	84	2	4	5	2	0	77	89
	Sylhet	000	0	7	00	00	96	02	2	027	82	1	1	6	1	2	77	87
	Srimangal	000	2	4	00	00	95	29	5	034	81	4	0	3	0	0	77	93
Dacca	Mymensingh	000	0	4	00	00	97	02	1	048	85	0	0	9	0	4	78	87
	Narayanganj	000	0	7	00	00	96	03	1	032	86	3	4	3	3	8	77	89
	Dacca (Tezgaon)	000	0	6	00	00	97	02	2	026	85	3	3	5	7	1	79	87
	Faridpur	000	0	6	00	00	96	02	2	028	85	6	6	6	1	0	79	86
Khulna	Barisal	000	0	6	00	00	97	02	2	057	85	5	6	6	0	2	78	93
	Khulna	000	0	6	00	00	97	02	2	030	83	6	5	6	0	0	83	xx
	Satkhira	000	0	6	xx	xx	xx	xx	x	xxx	xx	3	4	6	2	0	77	91
	Jessore	000	0	6	18	03	96	02	2	043	87	4	4	5	6	0	80	93
Rajshahi	Pabna																	
	Sirajganj	000	0	8	18	02	97	02	1	027	84	8	0	9	0	4	78	86
	Bogra	000	0	7	16	02	96	03	2	037	86	6	6	5	1	1	79	88
	Dinajpur	000	0	4	00	00	96	02	2	050	86	4	0	9	2	0	77	90
	Rangpur	000	0	3	13	02	96	01	1	026	83	3	0	9	1	0	77	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	9	3	00	00	96	02	1	016	82	3	7	4	3	0	76	93
	Sialkot	000	0	0	00	00	98	00	0	038	87	0	0	9	0	0	75	93
Rawalpindi	Jhelum	000	0	4	13	02	97	03	0	002	89	4	4	7	0	0	75	95
	Rawalpindi	000	0	1	00	00	99	00	0	994	91	1	2	7	0	0	70	92
	Campbellpur	000	0	0	13	02	98	00	0	954	82	0	0	9	0	0	72	81
Sargodha	Khushab	000	0	0	18	05	98	00	0	083	95	0	0	9	0	0	80	97
	Lyallpur	000	0	0	07	02	97	00	0	014	88	0	0	9	0	0	72	88
Multan	Montgomery	000	0	2	05	02	96	02	1	004	85	7	0	9	4	0	75	90
	Multan	000	0	3	09	02	98	01	1	995	96	1	1	6	0	1	66	99
	Leiah	000	0	4	00	00	94	00	0	027	90	0	2	9	1	0	77	94
Bahawalpur	Khanpur	000	0	3	05	05	96	02	1	000	90	3	2	6	0	0	76	90
	Bahawalpur	000	0	1	13	02	98	00	0	997	92	1	0	7	0	0	77	93
	Fort Abbas	000	0	0	07	02	98	00	0	998	87	0	0	9	0	0	78	92
Peshawar	Chakdara	000	0	0	18	01	97	00	0	970	86	0	0	9	0	0	64	92
	Peshawar	000	0	1	02	03	97	02	0	983	93	1	1	6	0	0	76	97
	Haripur	000	0	1	03	01	97	00	0	939	90	0	0	9	0	0	69	92
D. I. Khan	Bannu	000	0	0	03	01	99	00	0	989	xx	0	0	9	0	0	61	96
	D. I. Khan	000	0	0	00	00	98	03	0	988	95	0	0	9	0	0	71	96
Quetta	Sibi	000	9	2	23	02	98	01	0	990	01	0	0	9	2	1	67	02
Kalat	Nokkundi	000	0	0	34	02	98	02	0	909	00	0	0	9	0	0	19	02
	Turbat	000	0	0	27	04	98	00	0	971	07	0	0	9	0	0	58	08
	Jiwani	000	0	5	18	14	96	00	2	995	85	0	0	9	0	2	78	89
	Pasni	000	8	0	23	06	95	02	1	980	82	0	0	9	0	0	74	91
Karachi Division	Ormara	000	0	8	27	12	94	03	2	991	65	8	3	6	1	x	78	88
	Lasbela																	
	Karachi (Manora)	134	3	8	05	16	92	63	6	973	78	8	7	5	0	0	78	81
	Karachi (Airport)	063	9	8	05	16	96	50	6	975	80	6	5	5	2	x	77	86
Hyderabad	Nagarparkar	002	0	1	13	01	97	00	0	976	87	0	1	8	0	0	77	90
	Umerkot	007	1	8	11	02	97	50	5	986	89	8	9	7	0	0	79	89
	Hyderabad	022	9	8	05	03	97	55	0	998	83	6	6	4	2	0	79	86
	Badin	020	0	8	36	02	97	02	6	998	85	8	6	6	0	0	78	88
Khairpur	Padidan	000	0	3	36	07	98	01	0	990	92	3	2	6	0	0	75	93
	Nawabshah	000	0	6	36	05	96	02	2	001	83	8	6	6	4	0	79	xx
	Sukkur	000	8	4	18	03	97	01	1	991	92	4	0	9	8	0	75	94
	Kashmore	000	0	2	05	03	99	02	2	959	95	2	1	8	0	0	66	xx
	Jacobabad	000	0	3	15	02	97	01	0	997	94	3	2	7	0	0	80	95
Junagadh	Veraval	—	—	...	...	...	...	...	...	—	—	...	...	...	...	...	...	...
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	—	...	—	—	...	—	...	...	...	—	...	...	...	...	...	—	...
	Gulmarg **	—	—	—	—	—	...	—	...	...	—	...	...	...	...	...	—	...
	Sonamarg **																	
	Dras **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Leh *	xxx	x	2	23	10	98	01	1	053	67	2	8	8	9	0	52	70
	Skardu **	000	0	6	00	00	97	02	0	338	79	4	8	6	3	0	44	79
	Misgar **	000	0	2	13	03	98	00	0	392	55	0	0	9	4	0	29	71
	Aliabad *																	
	Gilgit *	000	0	2	00	00	98	01	1	418	77	2	5	8	0	0	51	75
Rawalpindi	Murree *	000	9	5	03	02	98	02	1	439	69	5	1	4	0	0	59	71
Peshawar	Drosh *	000	0	0	23	19	99	02	0	414	91	0	0	9	0	0	34	98
	Cherat *	000	8	1	08	03	98	02	8	416	88	0	0	9	0	0	83	92
	Kakul *	000	3	1	23	03	98	01	1	444	80	1	1	7	0	0	65	83
	Landikotal *	000	0	0	13	03	99	00	0	423	87	0	0	9	0	0	61	91
	Parachinar *	000	0	5	00	00	98	03	0	469	77	5	1	8	0	0	52	81
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	428	90	0	0	9	0	0	82	91
	Wana *	000	0	0	00	00	99	00	0	509	85	0	0	9	0	0	54	90
Quetta	Fort Sandeman *	000	0	0	00	00	99	01	0	443	80	0	0	9	0	0	42	89
	Hindubagh *	000	0	3	11	05	97	00	0	405	85	0	0	9	0	0	66	86
	Loralai *	000	0	0	09	03	99	00	0	424	83	0	0	9	0	0	56	87
	Harnai *	000	0	4	13	05	97	03	0	420	91	4	4	5	0	0	59	90
	Quetta *	000	0	4	18	02	96	02	0	434	81	4	1	5	0	0	72	85
	Chaman *	000	0	0	27	07	98	00	0	413	92	0	0	9	0	0	35	93
	Nushki *	000	0	0	27	09	xx	02	0	465	96	0	0	9	0	0	54	98
	Dalbandin *	000	8	0	09	02	96	02	0	443	98	0	0	9	0	0	53	99
Kalat	Kalat *	000	0	0	36	03	96	00	8	426	79	0	0	9	0	0	59	81
	Panjgur *	000	0	3	36	10	97	03	0	429	95	3	5	7	0	0	33	97
Afghanistan	Kabul *																	
	Kandhar *																	

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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	005	9	6	18	02	98	05	4	073	85	3	7	5	8	4	76	79	—	—	—	—	—	—
	Cox's Bazar	027	0	7	16	09	98	02	2	060	84	4	0	5	7	8	75	76	0	0	93.7	— 8.9	104.4	140
	Chittagong	000	0	6	00	00	97	02	2	061	83	5	5	6	1	0	77	78	+ 1	+ 1	70.1	— 1.6	83.6	100
	Maijdee Court	115	6	8	00	00	94	63	6	071	77	8	6	5	x	x	76	76	+ 2	— 2	72.3	— 4.1	92.3	115
	Comilla	020	0	8	00	00	96	02	2	049	82	8	4	4	x	x	79	78	+ 2	+ 1	48.1	— 9.4	61.3	94
	Brahmanbaria	001	0	7	16	02	97	03	1	070	82	2	5	5	2	0	78	80	—	—	43.7	+ 0.4	61.1	78
	Sylhet	209	9	8	00	00	95	91	9	068	76	5	1	4	2	x	75	xx	—	—	91.0	—	118.0	—
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 1					99
Dacca	Mymensingh	008	3	8	13	02	97	02	9	075	80	8	7	4	x	x	77	78	— 1	0	46.4	— 9.3	62.4	91
	Narayanganj	061	4	8	00	00	97	02	6	066	81	8	4	2	x	x	77	78	+ 1	1	42.5	— 3.2	59.8	74
	Dacca (Tezgaon)	000	2	8	00	00	97	21	6	061	81	3	3	5	7	x	79	79	—	—	50.5	—	55.4	—
	Faridpur	011	0	8	03	03	95	50	2	059	82	7	5	5	1	0	79	80	— 2	+ 1	32.7	— 9.7	46.2	71
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 5					81
	Khulna	000	0	7	00	00	97	02	2	059	92	7	5	5	0	0	79	79	—	+ 2	31.7	—12.8	39.4	68
	Satkhira	000	0	7	00	00	96	03	2	076	86	4	4	4	2	0	78	79	+ 2	+ 2	44.2	+ 2.7	51.4	65
	Jessore	000	0	6	00	00	97	03	2	061	83	5	6	6	0	2	79	78	—	—	32.5	— 4.1	45.7	65
Rajshahi	Pabna																							59
	Sirajganj	061	4	8	00	00	97	02	6	066	81	8	4	2	x	x	77	78	— 1	0	36.7	— 3.6	49.7	64
	Bogra	000	0	7	00	00	96	02	2	059	85	4	4	5	1	1	74	79	— 1	— 1	36.7	— 8.3	49.8	69
	Dinajpur	000	0	7	00	00	96	02	2	052	80	7	0	9	2	0	76	76	+ 1	— 2	42.6	— 6.6	49.8	72
	Rangpur	000	0	7	11	02	96	03	2	066	83	7	5	6	0	0	80	75	+ 2	— 2	41.9	—13.0	64.1	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	9	4	00	00	96	01	1	035	80	4	4	6	3	0	75	75	— 5	+ 1	10.3	— 3.6	16.7	19
	Sialkot	000	0	0	00	00	98	00	0	029	82	0	0	9	0	0	75	77	— 3	+ 2	22.1	— 0.1	26.5	32
Rawalpindi	Jhelum	000	0	7	00	00	97	01	0	032	81	1	1	7	8	0	75	77	—	—	21.3	—	27.4	
	Rawalpindi	000	0	0	23	02	99	03	0	028	80	0	0	9	0	0	73	75	— 2	+ 5	26.5	+ 4.5	33.2	36
	Campbellpur	000	0	0	23	01	98	00	0	975	80	0	0	9	0	0	73	77	—	—	9.6	—	17.9	—
Sargodha	Khushab	000	0	0	00	00	98	00	0	037	80	0	0	9	0	0	77	78	— 3	0	2.4	— 6.2	7.3	15
	Lyallpur	000	0	0	00	00	96	00	0	033	78	0	0	9	0	0	74	75	— 10	— 1	5.9	— 2.9	9.7	12
Multan	Montgomery	000	0	0	00	00	96	02	0	032	78	0	0	9	0	0	74	74	— 10	— 3	8.1	— 1.4	11.2	10
	Multan	000	0	0	09	02	96	02	0	031	83	0	0	9	0	0	73	79	0	0	1.2	— 3.5	2.9	7
	Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Bahawalpur	Khanpur	000	0	0	03	03	94	10	0	029	86	0	0	9	0	0	70	78	— 11	+ 3	6.2	+ 1.4	7.1	6
	Bahawalpur	000	0	0	00	00	98	00	0	034	82	0	0	9	0	0	78	xx	— 7	—	2.9	— 1.3	3.6	6
	Fort Abbas	000	0	0	00	00	97	00	0	030	81	0	0	9	0	4	76	75	—		0.6	—	0.9	8
Peshawar	Chakdara	000	0	0	36	01	96	00	0	004	76	0	0	9	0	0	68	69	—	—	6.8	—	16.1	—
	Peshawar	000	0	1	35	03	98	02	0	xxx	xx	1	1	6	0	0	73	75	+ 1	+ 3	1.7	— 2.3	8.3	11
	Haripur	000	0	0	05	02	97	00	0	026	81	0	0	9	0	0	69	71	—	—	20.1	—	26.7	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	030	82	0	0	9	0	0	73	77	—	—	2.0	—	5.0	11
	D. I. Khan	000	0	0	13	02	98	00	0	031	83	0	0	9	0	0	76	77	— 5	0	1.6	— 3.6	4.4	9
Quetta	Sibi	000	9	7	09	02	98	03	1	028	85	0	2	9	4	2	73	80	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	9	5	09	02	98	01	2	038	75	0	0	9	0	2	08	73	—	—	0	—	0.1	2
	Turbat	000	0	0	27	03	97	00	0	016	80	0	0	9	0	0	76	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	5	00	00	96	01	2	028	81	2	6	4	3	1	74	78	—	—	1.2	—	1.9	5
	Pasni	000	3	8	20	02	96	03	4	021	80	8	4	7	0	0	78	xx	+ 1	—	0	— 0.9	0.2	6
Karachi Division	Ormara	000	0	8	27	10	94	03	2	005	83	8	0	9	1	1	79	81	—	—	0.1	— 0.7	2.0	6
	Lasbela																							8
	Karachi (Manora)	...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	— 4					8
	Karachi (Airport)	071	9	8	09	07	96	02	5	022	79	—	6	5	2	0	76	76	—	—	10.7	—	10.7	—
Hyderabad	Nagarparkar	000	0	2	31	02	97	00	0	010	82	0	2	7	0	0	73	71	—	—	10.3	—	10.3	—
	Umerkot	014	0	4	18	01	97	02	0	035	80	4	2	7	0	0	77	76	—	—	7.2	—	7.3	—
	Hyderabad	046	9	5	00	00	97	01	5	033	79	3	0	9	4	1	77	77	— 11	0	15.6	+ 9.9	16.2	7
	Badin	020	0	0	23	02	97	90	0	045	81	0	0	9	0	0	77	77	— 7	+ 1	6.5	— 0.7	7.1	9
Khairpur	Padidan	000	0	3	13	15	98	01	0	036	81	3	0	9	7	0	77	79	—	—	2.8	—	3.4	—
	Nawabshah	000	0	5	13	03	97	01	2	044	80	2	3	6	2	0	77	78	—	—	2.8	—	3.2	—
	Sukkur	000	9	4	23	03	97	03	2	030	84	4	0	9	6	0	78	80	—	—	2.5	—	2.5	4
	Kashmore	000	0	0	00	00	99	00	0	955	88	0	0	9	0	0	73	64	—	—	0.5	—	0.5	—
	Jacobabad	000	0	1	00	00	96	03	0	028	87	1	0	9	3	0	79	84	— 8	+ 6	2.0	— 0.2	2.9	4
Junagadh	Veraval	xxx	x	2	23	06	96	02	0	052	81	2	2	5	0	0	79	79		—				20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							8
	HILL STATIONS																							
Kashmir	Srinagar *	xxx	x	1	32	02	97	01	0	460	67	1	6	6	0	0	55	59		—				26
	Gulmarg **	xxx	x	1	00	00	99	01	0	xxx	xx	2	1	4	0	0	86	vx		—				—
	Sonamarg **																							71
	Dras **	xxx	x	0	03	00	39	00	0	xxx	xx	0	0	9	0	0	99	xx		—				28
	Leh *	—	...	—	...	...	—	...	...	...	—	...	...	—	...	—	...	—	—					8
	Skardu **	...	—	...	—	...	—	—	...	—	—	—	...	—	...	...	...	...	—					6
	Misgar **	...	—	—	...	...	—	—	...	...	...	...	...	...	...	...	—	...	—					—
	Aliabad *																							—
	Gilgit *	...	—	—	...	—	—	—	...	—	...	...	...	...	...	...	..	—	—					8
Rawalpindi	Murree *	000	9	0	39	02	98	00	1	456	63	0	0	9	0	0	48	35	+ 1	0	27.8	— 5.4	45.8	69
Peshawar	Drosh *	...		...	...	...	...	...		...	...	..				...	...	...	+ 9					18
	Cherat *	000	0	0	00	00	98	02	0	412	72	0	0	9	0	0	69	65	+ 7	— 1	11.5	+ 0.1	35.6	29
	Kakul *	000	0	0	13	02	98	00	0	459	72	0	0	9	0	0	64	65	—	—	27.8	—	33.4	—
	Landikotal *	000	0	0	00	00	98	00	0	447	76	0	0	9	0	0	67	68	—	—	4.2	—	20.3	—
	Parachinar *	000	0	0	00	00	99	00	0	461	63	0	0	9	0	0	56	60	0	+ 1	11.3	—	24.9	29
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	456	76	0	0	9	0	0	75	72	—	—	1.1	— 3.1	2.9	13
	Wana *	000	0	0	00	00	99	00	0	505	72	0	0	9	0	0	51	62	—	—	4.6	—	12.9	11
Quetta	Fort Sandeman *	000	0	0	00	00	99	01	0	471	73	0	0	9	0	0	60	69	— 5	+ 2	5.5	+ 0.6	10.2	11
	Hindubagh *	000	0	0	08	00	97	00	0	459	67	0	0	9	0	0	52	57	—	—	0.8	—	4.6	—
	Loralai *	000	0	0	07	02	99	00	0	412	72	0	0	9	0	0	66	61	—	—	1.1	—	4.6	9
	Harnai *	000	0	0	00	00	97	00	0	439	78	0	0	9	0	0	64	73	—	—	5.7	— 1.5	8.8	14
	Quetta *	000	0	5	00	00	96	03	2	456	68	0	0	9	0	9	55	59	—	—	0·7	— 0.9	4.3	9
	Chaman *	000	0	0	09	05	98	00	0	454	78	0	0	9	0	0	29	46	— 1	+ 2	0	— 0.1	1.3	8
	Nushki *	000	0	3	09	02	98	03	2	496	75	2	0	9	3	0	43	xx	—	—	0	—	0.2	—
	Dalbandin *	000	3	2	00	00	96	03	0	436	68	0	0	9	0	1	31	60	— 2	— 4	0	— 0.2	1.1	4
Kalat	Kalat *	000	0	0	36	02	96	00	0	459	66	0	0	9	0	8	60	55	— 3	+ 6	0.2	— 1.0	2.1	7
	Panjgur *	000	0	5	05	04	98	03	0	436	70	2	0	9	5	8	41	67	+ 1	0	0.3	—	1.3	8
Afghanistan	Kabul *																							
	Kandhar *																							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 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 14th SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	0T$_s$T$_s$T$_d$T$_d$	$I_dw\,d_w\,P_w\,H_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Reyadhmaru	53 195	651 00	6 23 08	97 0 21	035 87	[illegible] 4 49	76 0 45	...	00 2 8x	12 7 22
Gohomaru	53 244	568 00	7 10 05	98 0 21	011 65	30 5 56	36 4 00	...	05 7 81	11 0 21
Dumra	53 240	594 00	5 10 05	99 0 22	015 86	21 4 44	25 2 94	...	06 4 73	11 0 22
Roebich	53 091	633 00	5 27 08	98 0 31	079 81	11 5 30	66 6 13	...	00 0 76	12 7 21
Cayamvalley	53 216	628 06	8 18 09	99 0 21	048 83	84 4 88	74 1 20	...	00 3 76	12 8 22
Dumra	52 351	624 12	6 20 09	98 0 22	001 85	50 3 40	25 7 27	...	05 5 79	11 0 12
Caltex Dalfi	53 186	576 12	2 25 00	99 0 26	036 xx	20 5 40	...	...	00 2 88	22 3 10
Cilicia	53 242	690 12	8 00 18	96 5 26	947 78	87 3 xx	75 1 20	...	00 0 79	13 5 54
Cuyamavalley	52 326	614 12	8 23 09	98 0 12	008 82	88 4 xx	76 7 22	...	00 0 79	12 3 30
Kampala	53 201	718 18	5 29 09	99 0 18	062 81	43 4 48	75 0 12	...	05 4 76	12 8 31
Jalashar	53 128	616 18	5 26 20	97 0 32	467 84	54 4 80	...	...		
Mohamadi	53 157	598 18	6 20 13	98 0 22	054 72	63 6 00	53 2 05	...	00 0 77	...
Caltex Dalfi	53 198	586 18	7 20 15	97 0 22	021 77	76 6 xx	...	...	00 0 86	12 0 22
Reyadhmaru	53 224	609 18	8 25 08	97 0 22	010 82	31 3 2x	76 3 05	...	00 2 xx	12 7 22
Barpeta	53 249	607 18	7 15 05	97 0 30	010 82	61 5 01	25 3 09	...	05 2 78	11 5 21
Yoabiah	53 101	588 18	7 25 15	98 0 32	078 79	70 4 50	66 0 00	...	00 2 72	12 5 22
Dumra	53 251	627 18	3 14 05	99 0 11	014 82	30 x 58	25 1 23	...	00 0 77	11 6 22
BAY OF BEGAL										
Safina-e-arab	52 215	916 18	5 36 02	97 0 32	048 83	42 x xx	...	...	...	...

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
			HHHTTTT$_d$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	536 262 235	...	...	141 162 122	...	301 075 035	434 015 508	579 558 588	751 648 712	963 792	...	...	...
Jiwani														
Karachi	00 00	998 252 252	010 xxxxxx	...	141 138 135	...	303 085 052	429 002 502	573 580 990	744 652 998	955 800	231 002	414 132	655 285
Lahore	00 00	979 265 228	022 xxxxxx	...	141 202 185	...	311 128 102	439 075 998	588 028 995	765 552 995	...	...	...	...
Multan														
Peshawar														
Quetta	00 00	827 182 122	...	...	...	...	309 125 995	437 083 990	585 010 991	760 590 990	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	003 265 228	900 206 162	800 148 112	530 002 538	350 718 822	010 530 470	...	...	...	010 530 470	...	...
Jiwani													
Karachi	00 00	900 182 172	800 115 108	...	...	...	...	...	...	...	800 115 108	...	...
Lahore	00 00	900 222 202	800 172 165	...	...	...	...	...	...	...	800 172 165	...	...
Multan													
Peshawar													
Quetta	00 00	800 170 xvx	...	...	...	...	...	...	...	...	800 170 xxx	...	...

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	16 09	17 10	18 10	19 10	21 11	...	...	...	...
Chaklala	...	24 01	14 01	16 03	19 02	22 02	28 17	27 21	27 23
Chhor	12 08	11 13	12 15	12 13	13 16	15 17	...	...	...
Chittagong	21 10	21 10	21 13	22 15	...	...	...	...	...
Cox's Bazar	17 16	17 15	15 13	...	...	...	...	...	...
Dacca	19 04	19 07	17 08	17 06	17 06	10 03	09 06	09 06	13 06
Dalbandin	...	...	12 03	04 07	03 11	36 10	01 04	32 06	32 12
D.I. Khan	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	22 15	23 17	20 11	14 04	14 05
Fort Sandeman	...	...	...	07 01	01 05	02 05	27 07	27 15	27 12
Jacobabad	07 02	08 03	08 04	06 08	05 04	31 01	22 06	20 06	26 06
Jessore	15 00	15 10	15 14	...	...	...	...	...	...
Jhelum	17 03	13 03	12 02	13 02	27 01	06 06	26 11	27 23	27 22
Jiwani	19 05	08 04	20 06	07 06	30 14	36 20	07 24	...	...
Karachi	06 25	06 38	06 32	...	...	...	...	...	...
Khanpur	05 09	05 10	05 10	04 13	03 10	35 05	...	...	...
Lahore	09 04	10 07	10 12	11 12	08 10	03 10	03 12	02 07	31 08
Multan	06 10	05 10	05 07	01 10	01 11	01 11	...	...	...
Moscat	...	...	...	...	...	...	...	...	...
Panigur	...	...	...	01 14	36 13	04 11	...	...	...
Peshawar	...	...	...	...	...	...	...	...	...
Quetta	...	...	...	...	26 04	26 09	24 12	23 10	24 17
Sharjah	...	...	...	...	...	...	...	...	...
Sylhet	28 05	26 03	23 04	23 04	25 02	22 02	...	...	...

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	21 11	21 11	20 09	23 06	24 18	25 11
Chaklala	...	07 03	02 01	32 09	35 10	16 06
Chhor	20 21	20 15	18 14	14 10	14 09	10 10
Chittagong	...	...	...	...	...	...
Cox's Bazar	15 12	15 11	16 09	10 70	18 04	22 03
Dacca	...	...	...	...	...	...
Dalbandin	...	...	07 13	03 11	09 09	15 06
D.I. Khan	...	...	...	...	...	...
Drosh	...	...	...	22 04	25 06	24 02
Fort Sandeman	...	...	...	06 07	22 04	34 02
Jacobabad	15 02	07 03	08 03	05 06	04 11	09 14
Jessore	23 03	24 03	18 03	18 02	11 50	...
Jhelum	27 05	31 04	39 03	35 07	04 06	06 06
Jiwani	20 08	21 05	27 05	...	...	...
Karachi	...	...	...	...	...	...
Khanpur	26 02	28 03	25 06	28 03	06 03	09 13
Lahore	08 05	12 06	11 08	08 08	07 12	06 17
Multan	14 07	25 05	30 06	02 06	04 12	02 14
Moscat	...	...	...	...	...	...
Panigur	...	...	...	35 14	01 15	06 13
Peshawar	...	36 08	30 06	32 03	13 02	32 06
Quetta	...	...	...	...	27 01	30 07
Sharjah	...	...	...	...	...	...
Sylhet	No	Ascent	...	...	...	...

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 06	15 06	15 06	12 04	12 03	17 06	25 04	24 06	23 11	...	...
Chaklala	...	27 10	30 06	33 08	29 04	15 03	07 03	23 10	32 15	...	...
Chhor	18 03	21 06	...	...	...	...	...	...	...	...	...
Chittagong	20 10	16 03	14 07	12 08	15 06	...	...	...	...	...	...
Cox's Bazar	14 06	14 07	14 07	...	...	...	...	...	...	...	...
Dacca	15 10	14 10	14 09	13 09	11 09	10 06	17 03	17 06	15 07	...	...
Dalbandin	...	...	08 06	06 15	08 07	20 01	18 09	27 03	28 03	24 07	24 07
D.I. Khan	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	26 01	07 04	36 18	01 23	01 19	04 07	14 0[illegible]
Fort Sandeman	...	...	...	30 02	25 01	33 07	02 07	31 09	27 13	26 22	27 18
Jacobabad	14 04	14 02	08 03	08 04	08 07	07 10	09 09	12 08	15 10	25 15	22 07
Jessore	10 03	10 03	12 08	11 07	...	...	...	...	...	...	...
Jhelum	23 03	27 04	29 06	33 12	35 07	12 08	18 09	26 19	26 23	26 15	27 19
Jiwani	24 04	26 04	34 07	34 10	02 12	02 12	02 21	02 14	01 14	03 10	06 05
Karachi	12 11	12 19	13 21	12 19	11 21	...	...	...	...	...	...
Khanpur	30 03	26 02	10 01	06 04	07 08	02 06	...	...	...	...	...
Lahore	24 01	20 03	16 09	15 13	...	...	...	...	...	...	...
Multan	03 01	33 01	33 02	36 08	03 11	03 10	02 21	...	...	...	...
Moscat	...	...	...	...	...	...	...	...	...	...	...
Panigur	...	...	...	36 07	02 08	...	...	...	...	...	...
Peshawar	...	04 04	03 04	34 05	29 05	32 12	...	...	...	...	...
Quetta	...	...	...	...	05 01	01 03	22 08	[illegible] 06	26 12	26 11	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...
Sylhet	...	...	...	...	...	...	...	...	...	...	...

† 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	17 10	18 10	19 05	24 01	12 04	13 06	15 06	12 04	16 07									
Karachi	10 13	12 15	12 15	12 20	12 30	13 23	14 13	14 07	15 12	19 15	21 11	14 15	12 15	09 18	09 35	10 17	09 23	10 27
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.)

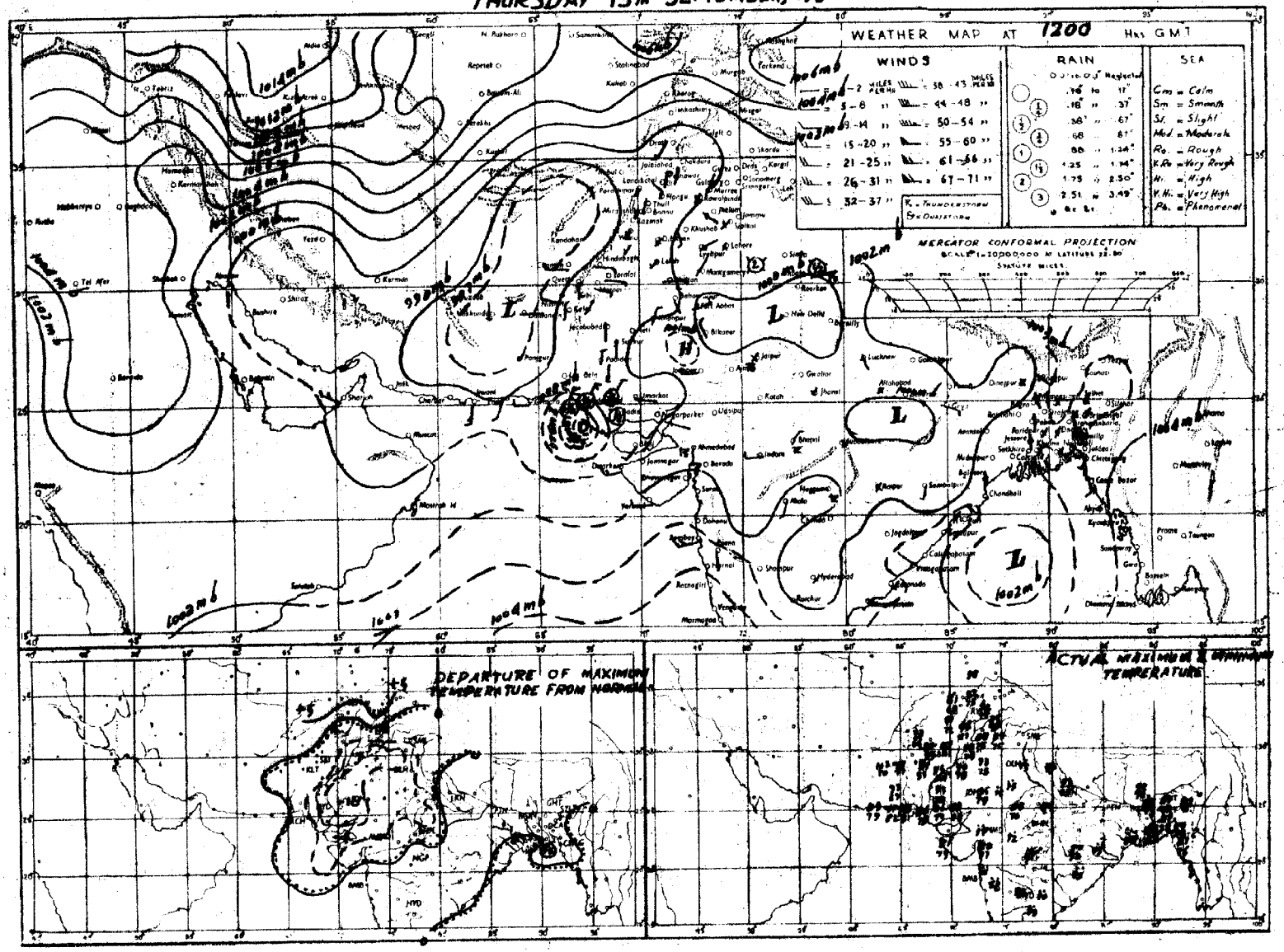
11 739 60 413

05 739 60 412
05 713 02 707
05 661 32 312

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

PAKISTAN DAILY WEATHER MAP

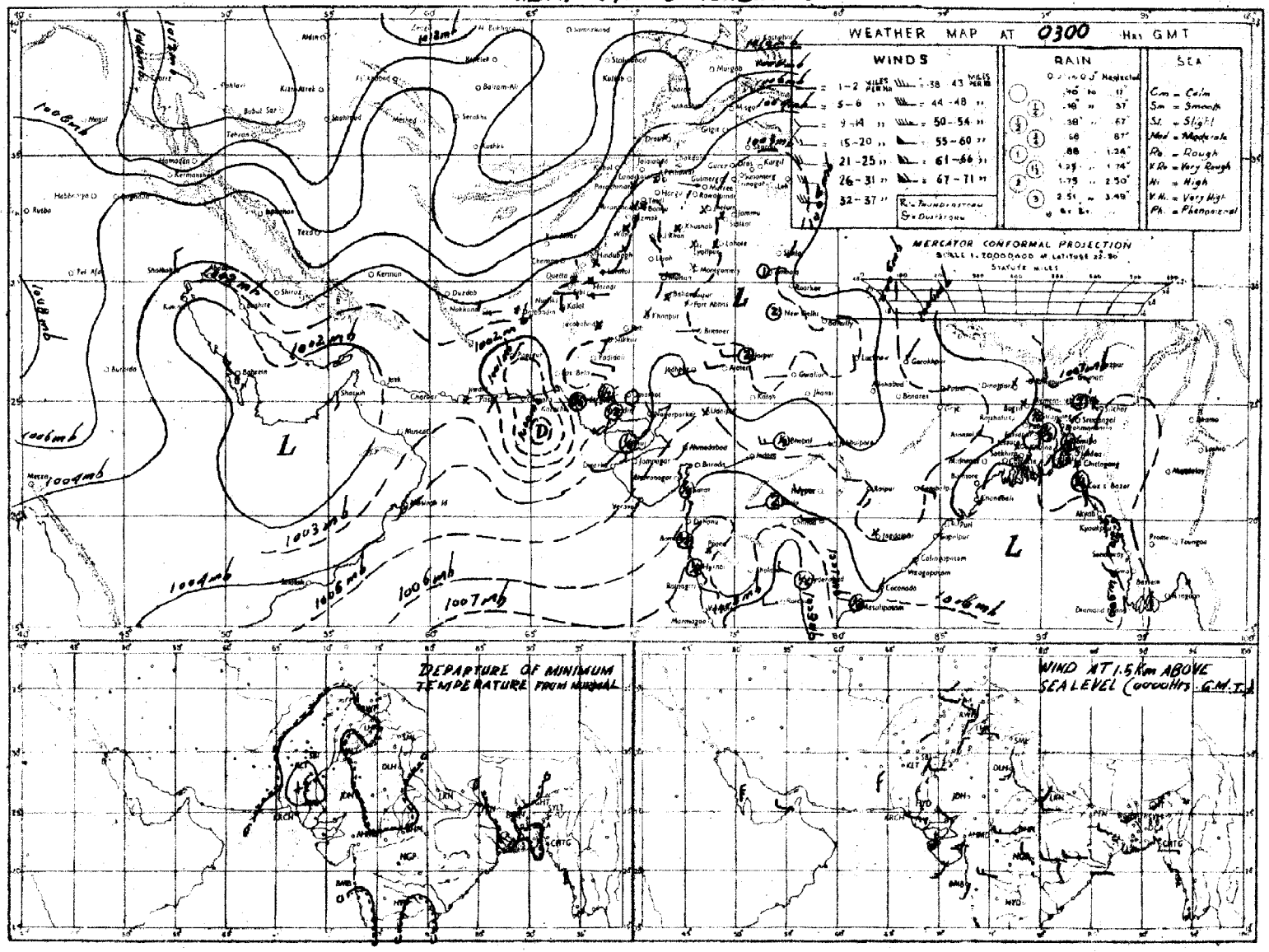
THURSDAY 13th SEPTEMBER, 1962.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY 14th SEPTEMBER 1962.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

SATURDAY THE 15th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Latest available ship's observations indicated that yesterday's shallow depression was centred at 14,1200 GMT within one degree of latitude 23. 5 °N and longitude 66 °E. It moved northwestwards weakened and today lies at a well marked low over thewestern sector of North Arbian Sea. Under its influence scattered light rain/drizzle has fallen in Karachi division.

The easterly low over Punjab (India) has moved away northwards.

The westerly low pressure wave over Peshawar division is moving across Rawalpindi division and adjoining areas.

The low pressure area in northwest Bay of Bengal and neighbourhood persists.

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

Chief amounts of rainfall are :—Rangamati, Majidee Court and Khulna 1" each, Sirajganj and Rangpur 3/4" each, Cox's Bazar 1/2" and Comilla and Sylhet 1/4" each.

Day temperatures were 3—8 °F (2—4 °C) below normal in Sargodha, Multan, Lahore and Khairpur divisions.

Forecast valid until the evening of 16th September, 1962:—Fairly widespread Rain/thundershowers will occur in Dacca and Chittagong divisions, local in Rajshahi and Khulna divisions and scattered thunderstorms or showers in Kalat, Quetta, Peshawar, Rawalpindi, Sargodha and Lahore divisions and in Kashmir.

WEATHER BUREAU
FEB 18 1963

Karachi-11
The 15th September, 1962.

M. AZHAR ADIL
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	Rangamati	090	0	7	23	02	97	05	1	031	85	3	8	6	7	4	79	92
	Cox's Bazar	090	0	7	16	09	97	02	2	024	83	5	0	5	0	8	77	87
	Chittagong	00)	0	5	23	05	97	02	2	021	83	3	3	6	1	1	77	88
	Majidee Court	025	9	8	18	02	97	03	6	020	84	4	2	6	2	0	78	86
	Comilla	020	3	8	00	00	96	02	6	000	84	8	6	3	x	x	80	88
	Brahmanbaria	000	0	5	00	00	97	03	1	021	85	3	4	5	2	0	76	87
	Sylhet	002	9	4	00	00	96	09	6	019	83	2	1	6	0	1	77	87
	Srimangal	000	0	3	00	00	93	00	0	040	83	3	3	3	x	x	79	88
Dacca	Mymensingh	000	0	6	13	02	97	02	1	022	85	0	0	9	0	8	78	87
	Narayanganj	000	9	7	13	02	96	03	1	020	94	4	4	3	3	8	78	88
	Dacca (Tezgaon)	000	9	5	00	00	97	01	2	015	84	2	8	5	0	1	77	86
	Faridpur	000	6	8	00	00	96	02	2	031	84	2	4	6	1	0	78	xx
Khulna	Barisal	000	0	6	00	00	97	02	2	020	85	5	0	9	4	0	78	86
	Khulna	080	2	7	00	00	96	63	6	020	80	7	5	5	0	0	79	86
	Satkhira	000	0	7	00	00	96	03	2	043	85	4	4	4	2	0	80	90
	Jessore	000	0	5	18	02	97	02	2	040	84	4	4	6	6	0	78	86
Rajshahi	Pabna																	
	Sirajganj	000	0	8	00	00	97	02	2	014	85	8	1	4	4	0	78	87
	Bogra	000	0	7	18	02	96	02	2	014	87	5	4	6	3	0	78	91
	Dinajpur	000	8	0	00	00	95	01	1	013	85	3	0	9	2	9	79	87
	Rangpur	016	1	8	13	02	96	62	6	024	82	8	0	6	7	x	82	87
Kashmir	Jammu	000	9	4	13	08	96	01	1	032	88	1	1	7	3	0	82	89
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	97	00	0	993	93	0	0	9	0	0	73	95
	Sialkot																	
Rawalpindi	Jhelum	000	3	2	18	02	97	01	1	992	93	1	1	7	3	0	73	95
	Rawalpindi	000	0	1	09	02	99	00	0	991	91	1	2	7	0	0	73	93
	Campbellpur	000	0	0	13	04	98	00	0	xxx	xx	0	0	9	0	0	83	94
Sargodha	Khushab	000	0	8	13	10	99	00	0	992	96	0	0	9	0	0	79	98
	Lyallpur	000	0	5	00	00	96	02	3	082	93	5	0	9	4	0	73	93
Multan	Montgomery	000	0	0	13	02	96	02	0	995	90	0	0	9	0	0	77	91
	Multan	000	0	1	00	00	98	02	0	994	97	1	1	6	0	0	69	00
	Leiah	000	0	0	00	00	98	00	0	058	89	0	0	9	0	0	76	92
Bahawalpur	Khanpur	000	0	1	00	00	96	02	0	998	95	1	1	6	0	0	75	98
	Bahawalpur	000	0	0	13	02	98	00	0	076	90	0	0	9	0	0	79	99
	Fort Abbas	000	0	0	18	02	98	00	0	001	92	0	0	9	0	0	67	94
Peshawar	Chakdara	000	0	0	18	03	97	00	0	968	xx	0	0	9	0	0	70	93
	Peshawar	000	0	1	05	03	98	02	0	978	95	1	1	6	0	0	66	97
	Haripur	000	0	0	23	11	96	00	0	990	90	0	0	9	0	0	71	93
D. I. Khan	Bannu	000	0	0	16	01	98	00	0	981	94	0	0	9	0	0	67	97
	D. I. Khan	000	0	0	00	00	98	00	0	986	95	0	0	9	0	0	73	96
Quetta	Sibi	000	0	2	23	02	98	01	0	992	01	0	0	9	2	1	68	02
Kalat	Nokkundi	000	9	3	23	02	98	01	2	968	00	0	0	9	0	1	30	03
	Turbat	000	0	0	27	05	97	00	0	971	04	0	0	9	0	0	71	07
	Jiwani	000	0	2	20	10	96	03	0	032	86	3	0	9	3	0	76	07
	Pasni	000	0	8	23	08	95	02	1	033	81	0	0	9	9	6	34	01
Karachi Division	Ormara	000	0	6	18	09	94	03	2	991	88	6	1	6	0	0	75	89
	Lasbela																	
	Karachi (Manora)																	
	Karachi (Airport)	000	1	5	13	09	96	20	2	003	82	5	6	4	0	0	77	69
Hyderabad	Nagarparkar	000	0	1	05	02	97	00	0	010	91	0	1	8	0	0	72	92
	Umerkot	000	0	1	18	01	98	02	0	018	92	1	3	7	0	0	73	94
	Hyderabad	000	0	5	18	07	97	01	2	022	87	5	2	6	0	0	72	90
	Badin	000	0	0	23	02	97	00	0	029	90	0	0	9	0	0	77	94
Khairpur	Padidan	000	0	6	18	07	98	03	0	013	91	6	4	6	0	0	73	92
	Nawabshah	000	0	5	18	05	97	02	2	026	89	5	5	6	0	0	74	93
	Sukkur	000	0	5	20	07	96	03	2	005	87	5	0	9	9	0	75	97
	Kashmore	000	0	4	05	00	99	00	0	989	95	4	1	6	0	0	68	xx
	Jacobabad	000	0	3	23	03	97	01	1	072	94	1	2	7	0	2	78	98
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	6	00	00	97	02	1	425	79	6	5	4	6	0	50	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *	000	0	7	23	02	97	03	1	335	78	7	4	6	0	0	29	83
	Misgar **	000	0	2	13	03	98	01	0	079	67	0	0	9	0	0	29	73
	Aliabad *																	
	Gilgit *	000	0	0	00	00	99	00	0	420	80	0	0	9	0	0	53	97
Rawalpindi	Murree *	000	5	5	27	02	98	02	1	445	69	x	x	9	x	x	60	71
Peshawar	Drosh *	000	0	2	23	07	98	01	0	403	90	2	1	7	0	0	45	95
	Cherat *	000	0	0	18	03	98	02	0	384	82	0	0	9	0	0	76	92
	Kakul *	000	8	1	13	02	98	02	1	443	79	1	3	7	0	0	62	23
	Landikotal *	000	0	1	13	02	98	00	0	436	87	1	2	7	0	0	63	91
	Parachinar *	000	0	5	13	02	99	03	0	457	88	5	1	9	1	0	58	83
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	427	88	0	0	9	0	0	77	90
	Wana *	000	0	5	00	00	99	01	1	505	84	5	1	9	0	0	59	88
Quetta	Fort Sandeman *	000	0	1	00	00	99	01	0	436	90	1	1	7	0	0	49	93
	Hindubagh *	000	0	3	23	03	97	00	0	401	89	0	0	9	0	0	59	90
	Loralai *	000	0	6	16	05	99	00	2	434	83	0	0	9	1	1	65	87
	Harnai *	000	0	4	16	05	97	03	0	425	91	4	4	5	0	0	64	91
	Quetta *	000	0	3	23	02	96	02	0	443	86	3	1	5	0	0	75	90
	Chaman *	000	0	0	31	07	98	00	0	420	94	0	0	9	0	0	31	98
	Nushki *	000	0	2	27	05	98	03	0	472	99	2	0	9	2	0	51	93
	Dalbandin *	000	0	5	09	06	96	00	0	445	99	1	0	9	3	4	41	01
Kalat	Kalat *	000	9	8	09	03	96	03	2	427	81	6	4	8	3	2	62	86
	Panjgur *	000	0	5	36	04	96	03	0	437	94	5	5	7	0	0	58	97
Afghanistan	Kabul *																	
	Kandhar *																	

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 † CM (33)	High Cloud form † CH (34)	Dewpoint Temperature °F TdTd (35)	Minimum Temperature °F TnTn (36)
Chittagong	Rangamati	114	7	7	09	02	98	05	4	056	83	3	8	7	7	3	77	78
	Cox's Bazar	056	9	7	16	03	96	02	6	035	84	4	5	5	3	8	77	xx
	Chittagong	000	0	7	00	00	97	03	2	040	82	6	5	6	1	0	76	79
	Majidee Court	055	4	8	13	02	96	02	6	047	81	4	5	5	3	x	78	76
	Comilla	020	9	8	18	05	97	02	2	027	82	6	4	5	x	x	78	77
	Brahmanbaria	000	0	6	16	03	97	03	1	050	80	4	4	5	0	8	78	80
	Sylhet	019	7	7	09	02	96	21	6	052	83	6	8	5	3	0	79	76
	Srimangal	000	0	4	18	10	95	03	2	047	84	4	0	3	0	0	77	78
Dacca	Mymensingh	000	0	4	13	02	97	02	1	052	82	4	2	4	x	x	74	79
	Narayanganj	017	5	6	11	02	97	03	9	050	90	6	4	2	x	x	79	80
	Dacca (Tezgaon)	000	0	7	00	00	97	02	2	034	84	3	9	5	0	1	78	79
	Faridpur	005	0	7	16	02	97	02	6	039	86	4	5	6	1	0	77	80
Khulna	Barisal																	
	Khulna	092	0	6	00	00	97	02	2	040	85	6	4	6	0	0	70	79
	Satkhira																	
	Jessore	007	0	5	00	00	97	03	2	041	84	3	5	6	0	2	78	78
Rajshahi	Pabna	000	0	5	23	05	98	03	4	038	84	3	2	7	7	0	77	80
	Sirajganj	058	2	8	00	00	97	29	9	046	79	8	5	7	0	0	78	77
	Bogra	003	4	7	11	02	96	02	6	044	84	6	9	5	1	0	78	79
	Dinajpur	000	9	5	00	00	96	00	0	036	88	5	0	9	2	0	78	76
	Rangpur	096	9	5	11	02	96	03	6	050	83	5	0	9	2	0	79	77
Kashmir	Jammu	003	9	4	00	00	96	03	1	022	81	4	0	9	7	0	75	79
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	97	00	0	909	93	0	0	9	0	0	76	78
	Sialkot																	
Rawalpindi	Jhelum	000	6	3	18	02	97	01	1	011	82	3	0	9	7	0	75	78
	Rawalpindi	090	0	0	05	02	99	00	0	012	84	0	0	9	0	0	72	75
	Campbellpur	000	0	0	13	02	98	00	0	007	82	0	0	9	0	0	83	77
Sargodha	Khushab	000	0	0	00	00	98	00	0	013	83	0	0	9	0	0	80	79
	Lyallpur	000	0	0	00	00	96	00	0	015	81	0	0	9	0	0	76	78
Multan	Montgomery	000	0	2	23	02	96	03	0	027	84	2	1	8	0	0	75	78
	Multan	000	0	0	18	03	98	02	0	010	85	0	0	9	0	0	75	82
	Leiah	000	0	0	00	00	98	00	0	026	89	0	0	9	0	0	76	75
Bahawalpur	Khanpur	000	0	0	22	07	96	02	0	021	82	0	0	9	0	0	76	78
	Bahawalpur	000	0	0	00	00	98	00	0	020	83	0	0	9	0	0	78	xx
	Fort Abbas	000	0	0	00	00	98	00	0	020	86	0	0	9	0	0	76	78
Peshawar	Chakdara	000	0	3	36	02	97	00	0	991	77	0	0	9	0	0	65	69
	Peshawar	000	0	1	31	03	97	02	0	010	61	1	1	6	0	0	71	76
	Haripur	000	0	0	05	01	97	00	0	012	81	0	0	9	0	0	69	73
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	005	80	0	0	9	0	0	72	76
	D. I. Khan	000	0	0	18	02	98	00	0	006	84	0	0	9	0	0	75	79
Quetta	Sibi	000	0	2	13	02	98	02	1	024	95	0	0	9	2	1	75	82
Kalat	Nokkundi	000	0	0	05	02	98	02	0	031	78	0	0	9	0	0	35	73
	Turbat	000	0	0	27	03	97	00	0	018	04	0	0	9	0	0	72	xx
	Jiwani	000	0	3	07	02	97	01	0	039	81	3	0	9	4	0	77	78
	Pasni	000	3	0	25	04	96	05	1	979	80	0	0	9	0	0	77	xx
Karachi Division	Ormara	000	0	7	09	03	94	03	1	032	83	7	1	5	0	0	78	79
	Lasbela																	
	Karachi (Manora)																	
	Karachi (Airport)	001	4	8	13	02	96	22	5	033	79	8	6	4	x	x	77	79
Hyderabad	Nagarparkar	000	6	2	31	02	97	00	0	000	82	0	2	7	0	0	72	71
	Umerkot	000	0	8	23	03	96	03	0	034	80	8	9	7	0	0	76	76
	Hyderabad	000	0	7	20	03	97	02	2	030	79	7	5	6	0	0	75	77
	Badin	000	0	0	23	02	97	00	0	045	82	3	0	9	0	0	76	77
Khairpur	Padidan	000	0	0	13	07	98	02	0	023	79	0	0	9	0	0	74	76
	Nawabshah	000	0	2	18	05	97	02	0	031	79	0	0	9	0	1	74	76
	Sukkur	000	9	0	20	03	97	02	2	011	82	0	0	9	0	0	73	69
	Kashmore	000	0	6	03	00	99	02	2	002	86	6	1	4	0	0	70	62
	Jacobabad	000	0	0	13	05	97	02	0	019	81	0	0	9	0	0	77	79
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Misgar **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	...
	Aliabad *																	
	Gilgit *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Murree *	000	9	4	27	09	97	01	1	450	63	2	5	4	5	0	59	55
Peshawar	Drosh *	000	0	2	00	00	98	03	0	448	71	2	2	7	0	0	54	69
	Cherat *	000	0	0	16	03	99	02	0	403	74	0	0	9	0	0	68	65
	Kakul *	000	4	2	23	02	97	01	1	449	73	2	4	6	0	0	67	67
	Landikotal *	000	0	0	00	00	98	00	0	433	79	0	0	9	0	0	64	65
	Parachinar *	000	0	0	00	00	99	00	0	461	62	0	0	9	0	0	55	58
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	438	79	0	0	9	0	0	65	74
	Wana *	000	0	0	00	00	99	00	0	505	66	0	0	9	0	0	55	62
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	451	75	0	0	9	0	0	63	69
	Hindubagh *	000	0	0	31	03	97	00	0	448	69	0	0	9	0	0	50	55
	Loralai *	000	0	0	27	02	99	00	0	413	72	0	0	9	0	0	41	62
	Harnai *	000	0	3	00	00	97	03	0	428	78	3	1	5	0	0	65	75
	Quetta *	000	0	0	00	00	96	00	0	456	69	0	0	9	0	0	54	59
	Chaman *	000	0	0	09	05	98	00	0	447	76	0	0	9	0	0	33	66
	Nushki *	000	0	0	09	05	98	02	0	492	82	0	0	9	0	0	44	70
	Dalbandin *	000	9	3	05	02	96	01	1	437	73	2	0	9	3	1	32	66
Kalat	Kalat *	000	0	6	34	02	96	03	2	458	65	0	0	8	3	2	57	55
	Panjgur *	000	0	6	27	02	97	01	2	444	77	3	5	7	5	0	58	76
Afghanistan	Kabul *																	
	Kandhar *																	

Departure from Normal of / Rainfall

DIVISIONS	STATIONS	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	—	—	—	—
	Cox's Bazar	0	×	94.2	− 8.8	105.0	140
	Chittagong	+ 1	+ 2	70.1	− 2.0	83.6	108
	Majidee Court	0	— 2	73.1	− 4.1	92.8	115
	Comilla	— 1	0	48.3	− 9.6	6?.5	94
	Brahmanbaria	—	—	43.7	+ 0.1	63.1	78
	Sylhet	—	—	91.1	—	118.2	—
	Srimangal	— 3	+ 3	—	—	—	96
Dacca	Mymensingh	— 1	+ 1	46.6	− 9.9	62.4	91
	Narayanganj	— 1	+ 1	41.6	− 1.4	59.9	74
	Dacca (Tezgaon)	—	—	50.5	—	55.4	—
	Faridpur	×	+ 1	32.8	−10.0	46.3	71
Khulna	Barisal	— 2					81
	Khulna	— 2	+ 2	32.7	−12.2	43.3	68
	Satkhira	+ 1					65
	Jessore	—	—	35.5	− 4.4	45.7	65
Rajshahi	Pabna	—	—	—	—	—	59
	Sirajganj	0	— 1	37.5	− 3.0	50.5	64
	Bogra	+ 2	+ 1	36.0	− 8.7	49.8	69
	Dinajpur	— 2	— 2	42.6	− 7.1	49.8	72
	Rangpur	— 2	0	42.7	−12.5	64.9	84
Kashmir	Jammu	— 9	+ 5	10.3	− 3.7	16.7	19
Lahore	Lahore (Jail Rd.)	— 1	+ 2	22.1	− 0.2	26.5	32
	Sialkot						
Rawalpindi	Jhelum	—	—	21.3	—	27.4	
	Rawalpindi	— 1	+ 5	26.5	+ 4.3	33.2	36
	Campbellpur	—	—	9.6	—	17.9	—
Sargodha	Khushab	— 2	+ 1	2.4	− 7.3	7.3	15
	Lyallpur	— 5	+ 2	5.9	− 2.9	9.7	12
Multan	Montgomery	— 8	+ 1	8.1	+ 1.3	11.2	10
	Multan	+ 1	+ 3	1.2	− 3.5	2.9	7
	Leiah	—	—	1.7	—	3.5	8
Bahawalpur	Khanpur	— 3	+ 3	6.2	+ 1.4	7.1	6
	Bahawalpur	— 1	×	2.9	− 1.3	3.6	6
	Fort Abbas	—	—	0.5	—	0.9	8
Peshawar	Chakdara	—	—	6.8	—	16.1	—
	Peshawar	+ 1	+ 4	1.7	− 2.4	8.3	11
	Haripur	—	—	20.1	—	26.7	—
D. I. Khan	Bannu	—	—	2.0	—	5.0	11
	D. I. Khan	— 5	+ 2	1.6	− 3.6	4.4	9
Quetta	Sibi	—	—	2.6	—	3.7	5
Kalat	Nokkundi	—	—	0	—	0.1	2
	Turbat	—	—	1.9	—	4.6	—
	Jiwani	—	—	1.2	—	1.9	5
	Pasni	+ 1	×	0	− 6.9	0.2	6
Karachi Division	Ormara	—	—	0.1	− 0.7	2.0	6
	Lasbela						8
	Karachi (Manora)						8
	Karachi (Airport)	—	—	10.7	—	10.7	—
Hyderabad	Nagarparkar	—	—	10.3	—	10.3	—
	Umerkot	—	—	7.2	—	7.3	—
	Hyderabad	— 7	0	15.6	+ 9.8	16.2	7
	Badin	— 1	+ 1	6.5	− 0.7	7.1	9
Khairpur	Padidan	—	—	2.8	—	3.4	—
	Nawabshah	—	—	2.8	—	3.3	—
	Sukkur	—	—	2.5	—	2.5	4
	Kashmore	—	—	0.5	—	0.5	—
	Jacobabad	— 5	+ 1	2.0	− 0.2	2.8	4
Junagadh	Veraval						20
Afghanistan	Jalalabad						
Arabia	Muscat						4
	Kuwait						9
	HILL STATIONS						
Kashmir	Srinagar *	—					26
	Gulmarg **						—
	Sonamarg **						71
	Dras **						26
	Leh **						3
	Skardu *	—					6
	Misgar **	—					—
	Aliabad *						—
	Gilgit *	—					5
Rawalpindi	Murree *	+ 1	0	27.8	− 5.6	45.8	59
Peshawar	Drosh *	+ 6	+ 4	4.5	—	16.5	18
	Cherat *	+ 7	— 1	11.5	0	35.6	25
	Kakul *	—	—	27.8	—	33.4	—
	Landikotal *	—	—	42.2	—	20.3	—
	Parachinar *	+ 2	— 1	11.3	—	24.9	25
D. I. Khan	Miranshah *	—	—	1.1	− 3.1	2.9	13
	Wana *	—	—	4.6	—	12.9	11
Quetta	Fort Sandeman *	— 1	+ 2	5.5	+ 0.6	10.2	11
	Hindubagh *	—	—	0.8	—	4.6	—
	Loralai *	—	—	1.1	—	4.6	9
	Harnai *	—	—	5.7	− 1.6	8.8	14
	Quetta *	—	—	0.1	− 0.9	4.3	9
	Chaman *	+ 3	+ 2	0	− 0.1	1.3	8
	Nushki *	—	—	0	—	0.2	—
	Dalbandin *	0	+ 2	0	− 0.2	1.1	4
Kalat	Kalat *	+ 2	+ 6	0.2	− 1.0	2.1	7
	Panjgur *	+ 1	+ 9	0.3	—	1.3	5
Afghanistan	Kabul *						12
	Kandhar *						

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 15th SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Rocirah	63 103	575 00	6 23 22	98 0 31	052 79	40 3 40	65 7 15	...	00 1 72	12 3 xx
Yoh0maru	63 200	638 00	2 24 09	98 0 11	038 79	14 3 20	36 4 00	...	05 4 73	12 4 21
Dumra	63 294	644 00	8 22 09	98 0 22	011 82	80 x 7x	25 7 03	...	00 1 77	12 2 22
Dressa	63 203	798 24	5 23 06	97 0 32	041 81	53 4 x2	85 4 00	...	05 1 79	12 5 32
Darpeta	63 247	643 06	7 24 09	97 0 32	041 83	44 3 21	35 2 20	...	00 1 77	12 4 22
Daressa	63 212	698 06	5 22 08	97 2 51	065 82	53 3 6x	75 1 20	...	05 0 77	12 3 41
Cilicia	63 227	655 12	8 31 12	96 5 05	990 81	67 4 80	55 4 00	—	05 0 70	11 5 12
Darpeta	63 246	658 12	5 08 18	98 0 11	994 80	27 3 91	25 7 22	...	05 2 76	10 8 23
Mohammadi	64 151	662 18	1 23 98	98 0 10	844 82	22 7 00	53 2 02	...	00 1 79	
Daressa	63 231	678 18	6 21 07	97 2 01	048 79	65 4 4x	75 2 10	...	05 0 77	12 2 42
Katendrecht	63 233	593 18	x xx xx	96 0 28	xxxxx	xx x xx	76 x xx	...	05 1 75	10 0 x0

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	018 255 245	—	—	141 182 155	...	307 105 068	434 035 508	580 522 999	755 598 999	—	—	...	...
Jiwani														
Karachi	00 00	999 252 232	016 202 175	—	139 152 138	...	302 102 072	429 065 025	576 522 999	750 605 999	967 730	..	...	...
Lahore	00 00	911 275 235	...	...	140 205 178	...	309 070 999	433 535 939	576 660 999	745 708 999	954 792	...	...	...
Multan														
Peshawar														
Quetta	00 00	826 172 105	—	...	...	...	310 145 055	439 105 999	589 065 999	768 505 999	096 555	—	...	—

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.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca	00 00	001 272 262	900 205 185	800 152 115	...	...	...	...	—	...	800 152 115	—	—
Jiwani													
Karachi	00 00	990 162 135	800 128 105	—	...	—	—	—	—	...	800 128 105	...	—
Lahore	00 00	900 268 202	800 152 142	...	...	...	...	...	...	...	800 152 142	—	—
Multan													
Peshawar													
Quetta	00 00	800 165 062	...	—	—	...	...	...	—	—	800 165 062	—	—

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

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

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

† 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	10.8	12.0	14.1	16.2	18.0	21.0	24.0
STATION	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Chittagong																		
Dacca	15 09	15 07	15 06	15 05	16 05	17 07	18 06	19 06	21 01	01 01	16 04	—	—	...	—	—	—	—
Karachi	12 12	17 17	7 24	23 23	18 08	15 09	15 08	12 19	18 09	19 10	19 06	15 09	—	...	...	...	...	—
Peshawar																		
Quetta																		

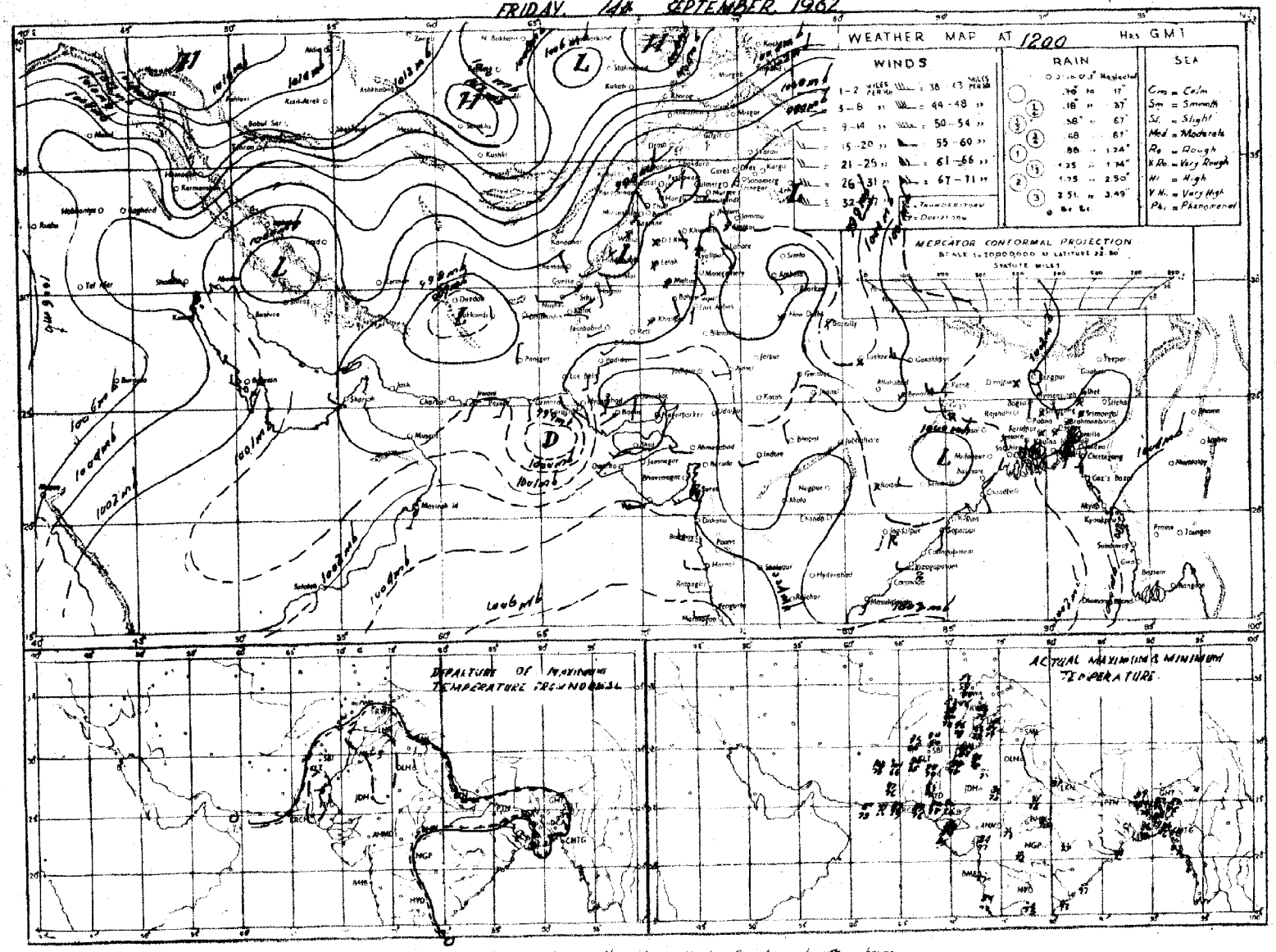
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

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

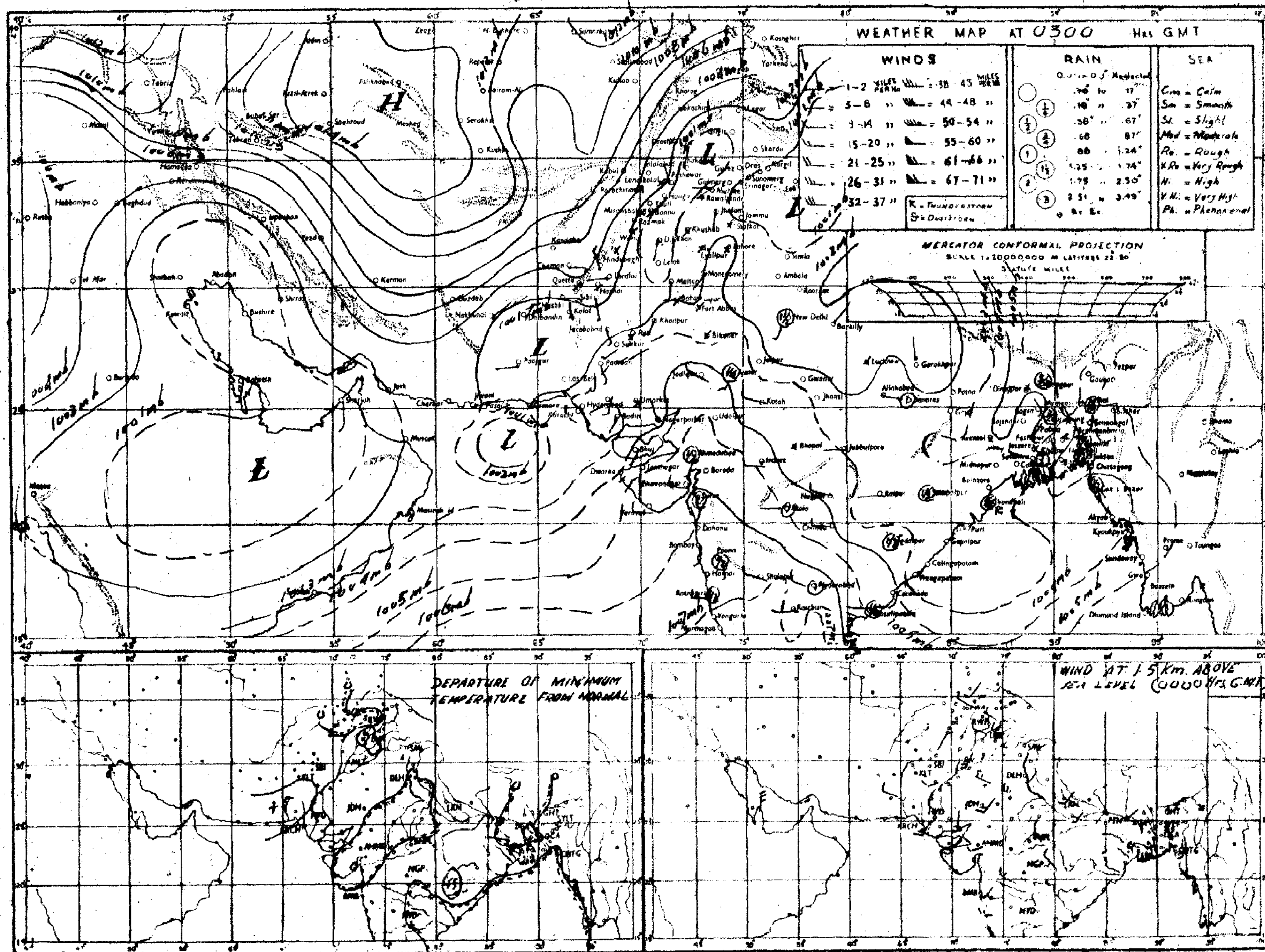
FRIDAY 14th SEPTEMBER 1962



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

PAKISTAN DAILY WEATHER MAP

SATURDAY, 15th SEPTEMBER, 1962.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

SUNDAY THE 16th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Easterly low pressure area in the northwest Bay of Bengal and adjoining areas persists. It is becoming well marked and may concentrate into a depression with its central region near latitude 17½ °N and longitude 87 °E.

Local thunderstorms/showers have been reported from Chittagong, Dacca and Rajshahi divisions. Rangpur recorded 1/4" of rainfall.

Yesterday's well marked low weakened into a shallow low pressure area last evening over the western sector of the north Arabian Sea. Thereafter it moved further westwards and became unimportant. This caused a few falls of light rain/drizzle in Karachi and Hyderabad divisions.

The westerly low pressure wave over Rawalpindi division moved away eastwards; another today lies over D. I. Khan division and adjoining areas.

Day temperatures were 5—8 °F (3—4 °C) below normal in Hyderabad and Khairpur divisions and nearly normal elsewhere in the country.

Forecast valid until the evening of 17th September, 1962:—Rain/thundershowers will be local in Chittagong division and scattered in the rest of East Pakistan and also in Lahore, Rawalpindi, Peshawar divisions and Kashmir.

Earthquake Report :—An earthquake of moderate intensity was recorded at the Geophysical Institute Quetta at 04 hours 01 minutes and 45 seconds W.P.S.T. on the 16th. The epicentre was located at a distance of about 4700 miles northeast of Quetta near Kamchatka coast.

LIBRARY WEATHER BUREAU

Karachi-11
The 16th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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 † 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	Rangamati	000	0	7	18	13	97	02	2	007	83	4	9	5	7	8	77	88
	Cox's Bazar	001	0	4	18	03	97	02	2	009	83	2	3	6	1	1	76	88
	Chittagong	000	0	5	18	05	97	03	2	010	84	3	4	7	2	0	77	87
	Maijdee Court																	
	Comilla	003	0	6	00	00	97	03	1	008	87	4	4	5	0	8	79	89
	Brahmanbaria	020	0	7	27	02	96	63	2	009	84	5	4	5	1	2	80	89
	Sylhet	000	0	2	00	00	94	02	0	016	83	2	0	3	0	0	77	91
	Srimangal																	
Dacca	Mymensingh	000	0	6	13	02	98	02	1	002	85	6	4	4	0	0	78	89
	Narayanganj	000	9	6	00	00	96	03	1	008	86	3	4	3	0	8	77	91
	Dacca (Tezgaon)	000	7	6	00	00	97	03	9	009	83	1	8	5	7	1	79	86
	Faridpur	039	3	7	16	02	96	02	6	008	84	5	4	4	1	0	80	86
Khulna	Barisal	003	0	6	18	02	97	02	2	014	85	5	6	6	0	0	78	91
	Khulna	000	0	4	00	00	97	01	2	008	82	4	5	7	0	0	79	xx
	Satkhira	000	0	6	00	00	97	03	2	021	84	2	2	8	2	0	79	91
	Jessore	000	0	8	18	03	96	03	3	020	82	8	8	5	x	x	77	89
Rajshahi	Pabna																	
	Sirajganj	000	0	8	00	00	96	02	2	007	83	8	0	9	2	0	79	88
	Bogra	000	0	7	09	02	96	02	2	008	85	3	5	6	7	8	78	85
	Dinajpur	000	1	6	00	00	96	66	6	005	81	6	0	6	7	x	77	93
	Rangpur	035	7	6	09	02	96	03	9	009	82	3	2	6	7	0	78	88
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	2	27	03	96	01	1	988	93	2	2	6	3	0	73	95
	Sialkot	000	0	1	31	03	97	03	0	974	95	1	2	6	x	x	72	98
Rawalpindi	Jhelum	000	0	1	00	00	97	01	0	976	97	1	1	7	0	0	74	98
	Rawalpindi	000	0	1	18	02	99	00	0	978	93	1	2	7	0	0	73	94
	Campbellpur	000	0	2	13	01	98	00	2	954	81	0	1	9	0	4	72	81
Sargodha	Khushab	000	0	0	18	07	99	00	0	976	98	0	0	9	0	0	79	01
	Lyallpur	000	0	6	00	00	96	02	3	991	97	6	0	9	4	0	73	97
Multan	Montgomery	000	0	0	00	00	94	02	1	993	96	0	0	9	0	9	73	98
	Multan	000	0	1	18	03	98	02	0	979	88	1	1	6	0	0	70	00
	Laiah	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bahawalpur	Khanpur	000	0	0	23	02	98	00	0	077	96	0	0	9	0	0	81	98
	Bahawalpur	000	0	0	36	02	98	00	0	981	00	0	0	9	0	0	68	01
	Fort Abbas																	
Peshawar	Chakdara	000	0	0	18	02	97	00	0	946	90	0	0	9	0	0	68	93
	Peshawar	000	0	6	05	05	97	03	1	967	93	1	1	7	3	1	70	97
	Haripur	000	0	2	03	01	97	00	0	986	92	0	0	9	0	0	73	93
D. I. Khan	Bannu	000	3	8	13	01	99	03	0	963	95	0	0	9	8	0	67	99
	D. I. Khan	000	0	0	00	00	98	01	0	966	99	0	0	9	0	0	71	00
Quetta	Sibi	000	0	0	18	02	94	00	0	984	00	0	0	9	0	0	67	01
Kalat	Nok-kundi	000	0	0	34	13	97	02	0	975	99	0	0	9	0	0	21	01
	Turbat	000	0	0	23	03	97	00	0	971	05	0	0	9	0	0	68	07
	Jiwani	000	0	1	23	10	97	02	0	0:9	86	0	0	9	0	4	76	89
	Pasni	000	0	8	25	08	95	02	1	001	86	0	0	9	4	4	78	91
Karachi Division	Ormara	000	0	1	23	07	95	03	1	000	88	1	1	6	0	0	76	92
	Lasbela																	
	Karachi (Manora)																	
	Karachi (Airport)	000	0	7	18	09	94	02	2	018	82	6	5	5	5	0	76	85
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	022	88	0	0	9	0	0	70	96
	Umerkot	000	0	3	23	04	98	03	0	010	91	3	3	7	0	0	76	94
	Hyderabad	000	0	6	30	09	97	02	2	031	87	6	5	6	0	0	74	89
	Badin	000	0	8	23	02	97	00	0	041	87	8	0	9	0	6	75	90
Khairpur	Padidan	000	0	2	18	09	98	03	0	997	93	2	1	6	0	0	73	94
	Nawabshah	000	0	3	18	05	96	51	2	011	92	3	2	6	0	0	75	95
	Sukkur	000	2	2	20	03	97	03	0	989	96	0	0	9	0	3	73	97
	Kashmore	000	0	0	00	00	99	00	0	009	96	0	0	9	0	0	69	xx
	Jacobabad	000	0	0	23	03	97	02	0	993	95	0	0	9	0	0	83	96
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Masont																	
	Kuwait																	
HILL STATIONS																		
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *	000	8	2	00	03	97	02	2	322	78	5	4	6	3	0	29	81
	Misgar **	000	0	3	31	03	98	03	0	968	65	0	0	9	3	0	29	70
	Aliabad *																	
	Gilgit *	000	0	2	00	00	98	01	1	427	80	2	5	8	0	0	59	72
Rawalpindi	Murree *	000	9	7	29	02	97	02	1	434	69	5	1	4	5	0	63	72
Peshawar	Drosh *	000	0	1	30	09	99	01	0	434	87	1	1	7	0	0	32	93
	Cherat *	000	0	4	13	01	96	01	0	384	85	0	0	9	0	8	85	92
	Kakul *	000	0	2	20	03	98	05	1	431	79	2	1	7	0	0	63	84
	Landikotal *	000	0	2	13	03	98	03	0	413	86	2	0	9	3	0	64	93
	Parachinar *	000	0	6	00	00	98	03	0	440	79	6	6	8	0	0	52	83
D. I. Khan	Miranshah *	000	0	6	05	07	98	03	2	469	91	6	4	8	0	0	76	92
	Wana *	000	0	4	00	00	99	01	1	505	85	4	1	9	0	0	60	91
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	436	93	0	0	9	0	0	37	95
	Hindubagh *	000	0	0	27	05	97	00	0	399	86	0	0	9	0	0	48	88
	Loralai *	000	0	5	16	07	99	00	1	414	86	0	0	9	1	2	63	91
	Harnai *	000	0	5	13	05	97	03	0	417	90	5	4	5	0	0	65	92
	Quetta *	000	0	3	31	02	96	02	0	421	85	3	1	5	0	0	58	88
	Chaman *	000	0	4	27	07	98	01	0	419	92	4	0	9	4	0	30	93
	Nushki *	000	0	0	27	03	98	02	0	475	97	0	0	9	0	0	53	98
	Dalbandin *	000	0	4	00	00	97	03	0	443	00	4	0	9	4	0	52	02
Kalat	Kalat *	000	0	7	31	02	96	02	2	417	83	6	0	8	3	0	61	86
	Panjgur *	000	0	2	36	04	96	01	1	435	95	0	0	9	0	1	53	97
Afghanistan	Kabul *																	
	Kandhar *																	

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: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	012	5	4	18	02	98	05	9	053	87	2	8	7	8	1	75	77		—	—	—	—	—
	Cox's Bazar	000	0	5	13	09	97	02	2	042	86	2	4	5	4	8	77	77	+ 1	+ 1	94.2	− 9.1	105.0	140
	Chittagong	000	0	3	11	03	97	01	1	038	86	1	1	6	1	1	77	79	+ 1	+ 2	70.1	− 2.3	83.6	108
	Maijdee Court	000	9	4	05	02	97	01	1	046	84	2	2	5	2	x	78	80	+ 1	+ 3	73.1	− 4.1	92.8	115
	Comilla	000	0	4	00	03	97	02	1	025	87	4	4	6	0	0	77	79		+ 2	48.3	−10.0	67.5	94
	Brahmanbaria	000	0	6	13	02	97	93	1	052	87	3	4	5	0	4	79	81	—	—	43.7	− 0.2	61.1	76
	Sylhet	015	5	7	05	02	96	61	9	048	83	7	4	5	0	2	78	79	—		91.3	—	138.4	—
	Srimangal	001	0	2	00	00	96	02	2	052	84	2	8	3	0	0	78	77	0	+ 2	—	—	—	90
Dacca	Mymensingh	011	6	6	13	02	97	02	0	055	xx	6	0	8	8	0	78	78	+ 1	0	46.5	−10.4	62.5	91
	Narayanganj	000	9	7	09	02	97	01	1	047	90	3	4	2	3	8	77	76	+ 2	− 3	41.6	− 1.7	59.9	74
	Dacca (Tezgaon)	003	8	6	00	00	97	93	6	043	86	6	8	4	4	1	77	79	—		50.5	—	65.5	—
	Faridpur	009	0	5	16	02	97	02	0	052	86	3	5	4	1	0	77	79	− 2	+ 1	32.9	−10.2	46.4	71
Khulna	Barisal	000	0	4	09	02	97	02	1	046	88	4	6	6	0	0	77	81	+ 3	+ 3	—	—	—	81
	Khulna																		—					68
	Satkhira	000	0	6	01	01	97	02	2	057	96	4	4	4	2	0	78	79	+ 2	+ 2	—	—	—	69
	Jessore	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				46.4	65
Rajshahi	Pabna	006	0	5	13	05	98	03	3	043	86	5	2	7	0	0	83	80		—	—	—	—	57
	Sirajganj	0 0	0	7	00	00	97	02	1	047	85	7	1	5	4	9	79	77	+ 1	− 1	37.5	− 3.3	50.5	64
	Bogra	000	0	7	13	02	96	32	2	046	85	4	5	6	3	1	79	79	− 4	+ 1	36.0	− 9.1	49.8	69
	Dinajpur	000	1	3	00	00	96	02	0	051	87	3	0	9	4	0	79	76	+ 1	− 2	42.6	− 7.7	49.8	72
	Rangpur	035	0	4	09	02	96	03	0	057	85	2	2	6	1	0	78	79	− 1	+ 2	43.1	−12.7	65.3	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	4	23	03	96	02	0	016	85	4	3	6	0	0	76	80	− 3	+ 8	10.3	− 3.7	16.7	19
	Sialkot	000	0	2	13	03	97	03	0	011	87	2	4	6	1	1	75	79	+ 2	+ 5	22.1	− 0.3	26.5	32
Rawalpindi	Jhelum	000	0	2	23	02	97	01	0	010	86	1	1	7	3	0	74	78	—	—	21.3	—	27.4	
	Rawalpindi	000	0	1	05	02	98	00	0	009	84	1	2	7	0	0	69	75	0	+ 6	26.5	+ 4.1	33.2	36
	Campbellpur	000	0	0	09	02	98	00	0	971	89	0	0	9	0	0	71	80	—	—	9.6	—	17.9	—
Sargodha	Khushab	000	0	0	00	00	98	00	0	994	86	0	0	9	0	0	82	83	+ 1	+ 7	2.4	− 7.7	7.7	15
	Lyallpur	000	0	0	00	00	96	00	0	005	83	0	0	9	0	0	75	84	− 1	+ 7	5.9	− 3.0	9.7	12
Multan	Montgomery	000	0	1	23	03	96	03	0	018	85	0	0	9	0	1	75	77	− 2	+ 4	8.1	+ 1.3	11.2	10
	Multan	003	0	0	18	05	98	02	0	000	83	0	0	9	3	0	75	81	+ 1	+ 4	1.2	− 3.5	2.9	7
	Laiah	000	0	2	18	03	98	00	1	004	87	0	0	9	2	0	75	77		—	1.7	—	3.5	8
Bahawalpur	Khanpur	030	0	0	23	07	96	02	0	014	80	0	0	9	0	0	75	77		+ 2	6.2	+ 1.4	7.1	6
	Bahawalpur	000	0	0	23	02	98	00	0	029	84	0	0	9	0	0	77	xx	− 2	—	2.9	− 1.3	3.6	6
	Fort Abbas	000	0	0	03	02	98	00	0	019	85	0	0	9	0	0	74	80	—	—	0.6	—	0.9	8
Peshawar	Chakdara	000	0	3	36	02	97	00	0	004	75	0	0	9	0	0	66	71	—	—	6.8	—	16.1	—
	Peshawar	000	0	2	31	02	97	03	0	011	81	2	2	6	0	0	70	77	+ 1	+ 6	1.7	− 2.4	8.3	14
	Haripur	000	0	0	05	01	97	00	0	014	82	0	0	9	0	0	69	73	—	—	20.1	—	26.7	—
D. I. Khan	Bannu	000	2	5	00	00	99	02	0	991	89	0	0	9	3	0	73	79	—	—	2.0	—	5.0	10
	D. I. Khan	000	0	0	00	00	98	00	0	999	85	0	0	9	0	0	57	79	− 1	+ 4	1.6	− 3.7	4.4	9
Quetta	Sibi	000	3	6	13	02	98	03	1	014	84	0	2	9	4	2	72	81	—	—	2.6	—	3.7	9
Kalat	Nok-kundi	000	0	0	34	13	97	02	0	034	78	0	0	9	0	0	33	73	—	—	0	—	0.1	2
	Turbat	000	0	0	27	03	97	00	0	038	82	0	0	9	0	0	75	xx	—	—	1.8	—	4.6	—
	Jiwani	003	0	5	23	03	96	00	2	039	81	5	6	4	0	0	74	77	—	—	1.2	—	1.9	5
	Pasni	000	3	8	11	03	96	03	1	998	81	6	2	7	4	0	76	xx	+ 1	—	0	− 0.9	0.3	6
Karachi Division	Ormara	000	0	7	27	07	94	03	2	022	82	7	1	6	0	0	79	80	—	—	0.1	− 0.7	2.0	6
	Lasbela																							8
	Karachi (Manora)																							8
	Karachi (Airport)	002	9	5	01	00	96	20	5	024	79	5	6	4	0	0	78	78	—	—	10.7	—	10.7	—
Hyderabad	Nagarparkar	000	0	0	31	02	97	00	0	984	83	0	0	9	0	0	73	71	—	—	10.3	—	10.3	—
	Umerkot	000	0	2	20	04	97	02	0	021	80	2	2	7	0	0	76	76	—	—	7.2	—	7.3	—
	Hyderabad	007	3	5	30	07	97	01	5	019	79	5	5	6	0	0	79	77	− 8	+ 1	15.6	+ 9.8	16.3	7
	Badin	000	0	0	23	02	97	00	0	045	83	3	0	9	0	0	75	77	− 5	+ 1	6.5	− 0.7	7.1	9
Khairpur	Padidan	000	0	0	13	07	98	02	0	011	79	0	0	9	0	0	75	76	—	—	2.8	—	3.4	—
	Nawabshah	000	0	2	18	05	96	03	0	022	81	0	0	9	0	1	77	71	—	—	2.8	—	3.2	—
	Sukkur	000	0	2	28	05	97	03	0	012	81	0	0	9	0	3	74	78	—	− 1	2.5	—	2.5	4
	Kashmore	000	0	0	03	00	99	30	0	025	84	0	0	9	0	0	67	60	—	—	0.5	—	0.5	—
	Jacobabad	000	0	1	20	03	97	02	0	014	80	1	0	9	3	0	77	78	− 7	+ 2	2.0	− 0.2	2.9	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Masont																							4
	Kuwait																							5
HILL STATIONS																								
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																		—					6
	Misgar **	008	3	8	36	03	97	51	6	093	47	4	7	8	2	0	40	45	—	—				—
	Aliabad *																							—
	Gilgit *	000	0	0	09	00	99	00	0	457	72	0	0	9	0	0	57	67	—					8
Rawalpindi	Murree *	000	9	2	00	00	98	00	1	459	63	0	0	9	0	0	58	57	+ 2	+ 1	27.8	− 5.8	45.8	30
Peshawar	Drosh *	003	9	2	00	00	98	03	1	454	70	3	2	6	0	0	53	69	+ 4	+ 5	4.5	—	16.5	18
	Cherat *	000	0	0	27	11	98	02	0	392	73	0	0	9	0	0	71	65	+ 7	0	11.5	0	35.6	29
	Kakul *	000	9	3	05	02	97	01	1	449	73	2	3	6	0	0	63	68	—	—	77.8	—	33.4	—
	Landikotal *	000	0	0	00	00	96	00	0	434	78	0	0	9	0	0	64	68	—	—	4.2	—	20.3	—
	Parachinar *	000	0	0	00	00	99	00	0	456	65	0	0	9	0	0	49	60	+ 2	+ 2	11.3	—	24.9	20
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	438	78	0	0	9	0	0	67	73	—	—	1.1	− 3.1	2.9	13
	Wana *	000	0	0	00	00	99	00	0	501	70	0	0	9	0	0	51	65	—	—	4.6	—	12.9	11
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	541	74	0	0	9	0	0	64	70	+ 1	+ 6	5.5	+ 0.6	10.2	11
	Hindubagh *	000	9	0	25	07	97	00	0	436	72	0	0	9	0	0	52	57	—	—	0.8	—	4.6	—
	Loralai *	000	0	3	27	03	99	00	1	431	69	0	0	9	1	1	45	57	—	—	1.1	—	4.6	9
	Harnai *	000	0	0	00	00	97	00	0	421	78	0	0	9	0	0	66	75	—	—	5.7	− 1.6	8.8	14
	Quetta *	000	0	0	31	02	96	00	9	456	67	0	0	9	0	0	46	52	—	—	0.1	− 0.9	4.3	9
	Chaman *	000	0	0	09	05	96	00	0	447	74	0	0	9	0	0	32	66	+ 3	+ 4	0	− 0.1	5.3	8
	Nushki *	000	0	0	09	05	99	02	0	490	79	0	0	9	0	0	44	—	—	—	0	—	4.2	—
	Dalbandin *	000	9	0	05	00	95	05	0	434	68	0	0	9	0	0	43	61	+ 4	− 2	0	− 0.2	1.8	4
Kalat	Kalat *	000	0	0	18	03	96	00	0	453	67	0	0	9	0	0	48	54	+ 2	+ 7	0.2	− 1.0	2.1	7
	Panjgur *	000	0	1	27	03	97	03	0	444	73	1	0	9	5	0	48	48	+ 1	+ 5	0.3	—	1.3	5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 SEPTEMBER, 1962.

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$_s$	OT$_s$T$_s$T$_d$T$_d$	Id$_w$ d$_w$ P$_w$ H
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Gohomaru	72 155	686 00	2 34 11	98 0 21	065 79	71 4 70	31 5 10	...	05 4 77	12 4 33
Roebiah	73 120	512 00	0 16 10	98 0 23	029 79	80 9 00	66 7 20	...	05 6 77	11 6 xx
Seisomaru	73 210	606 00	7 18 10	97 1 31	030 79	36 3 3x	34 1 10	...	06 6 77	11 8 21
Dumra	73 215	675 00	7 18 05	98 0 22	025 81	11 3 31	35 0 02	...	00 5 76	11 8 22
Cilicia	73 218	627 00	8 23 09	96 0 22	024 80	57 4 2x	55 x 01	...	05 4 79	12 3 32
Dumra	73 225	685 06	1 22 05	99 0 10	054 82	12 3 01	35 1 08	...	00 2 79	11 9 22
Indian Industry	73 210	624 06	3 24 08	99 8 18	085 85	28 8 00	...	...	...	...
Cilica	72 196	600 12	6 22 12	97 0 22	023 81	17 4 4x	55 4 05	...	05 2 80	12 3 32
Seihomaru	73 214	627 12	6 23 10	98 0 22	050 xx	20 8 43	75 6 20	...	00 3 79	12 3 21
Dareas	73 246	659 18	8 34 07	97 0 31	035 99	87 3 xx	65 4 60	...	05 2 79	15 9 xx
BAY OF BENGAL										
Jalapratap	73 191	875 18	6 05 09	96 5 92	033 85	10	...	—	...	—

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: HHHTTTT$_d$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	020 258 252	...	—	140 178 165	...	307 078 052	433 015 515	579 572 602	750 673 722	962 798	239 002	421 119	...
Jiwani ...														
Karachi ...	00 00	999 265 255	016 xxxxxx	...	140 182 175	...	301 112 032	434 045 455	584 538 992	754 135 995	966 782	247 955	456 025	697 0[illegible]
Lahore ...	00 C0	MISDA	...	...	...	...	—	...	...	...	—	...	—	...
Multan ...														
Peshawar ...	09	MISDA	...	...	...	...			...	...	...	...	...	...
Quetta ...	00 00	827 202 028	...	...	...	...	316 305 995	451 190 990	...	...	...	...	...	—

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st.HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	001 272 262	900 198 195	800 135 422	581 002 525	350 728 772	250 695 922	010 120 670	...	...	010 120 670	...	...
Jiwani ...													
Karachi ...	00 00	900 208 202	800 168 102	...	...	...	—	—	...	...	800 168 102	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	—	—
Multan ...													
Peshawar ...		MISDA	...	—	...	...	...	...	...	...		...	...
Quetta ...	00 00	600 190 990	...	...	...	...	...	...	...	—	600 190 990	—	...

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

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 ...	16 06	11 03	10 04	13 04	13 10	15 01
Chaklala ...	—	08 07	23 03	26 05	32 05	34 06
Chitor ...	21 21	23 29	23 39	23 44	23 40	27 06
Chittagong ...	10 09	23 08	14 14	13 13	11 13	—
Cox's Bazar ...	14 17	14 24	14 19	14 25	14 22	13 19
Dacca ...	13 05	13 10	16 13	14 11	12 11	14 12
Dalbandin ...	—	—	12 02	10 04	27 06	23 11
D.I. Khan ...	—	...	—	...	...	...
Drosh ...	—	—	—	20 04	24 03	25 03
Fort Sandeman ...	...	...	—	11 03	30 07	30 11
Jacobabad ...	19 15	20 08	07 04	32 03	26 04	33 01
Jessore ...	10 03	11 15	11 13	12 15	11 16	11 22
Jhelum ...	12 05	24 03	27 02	28 02	35 04	02 04
Jiwani ...	21 08	—	...	—	—	...
Karachi ...	...	...	...	...	...	...
Khanpur ...	23 19	24 17	26 12	21 10	25 07	33 03
Lahore ...	23 12	25 13	26 15	27 10	31 04	36 06
Multan ...	21 26	21 22	21 13	20 10	24 01	30 10
Muscat ...	...	—	...	...	—	—
Panjgur ...	...	...	—	34 12	33 11	34 06
Peshawar ...	...	35 12	35 11	35 07	20 08	30 12
Quetta ...	...	...	...	...	29 01	32 07
Sharjah ...	...	—	...	—	—	...
Sylhet ...	11 03	07 02	10 02	09 03	13 04	03 02
	...	...	—	...	—	—

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 ...	09 07	12 06	12 04	34 07	14 09	16 11	12 12	18 13	18 33	21 12	...
Chaklala ...	...	17 05	18 02	22 02	26 04	28 05	30 11	31 11	30 12	—	...
Chitor ...	20 10	21 17								—	—
Chittagong ...	15 02	13 13	13 12	15 05	15 25	15 21	15 17	14 22	14 21	...	...
Cox's Bazar ...	14 06	11 03	11 04	...	—	—	...				
Dacca ...	13 07	14 08	14 09	14 10	13 13	14 13	16 10	47 09	17 08	10 10	18 04
Dalbandin ...	...	...	08 01	15 01	09 01	25 03	29 06	24 05	28 05	22 12	26 17
D.I. Khan ...	...	—	...	—	—	...	—	—	—	...	...
Drosh ...	...	—	...	...	31 01	20 04	...	...	...	—	—
Fort Sandeman ...	—			25 07	29 09	35 04	26 11	24 28	24 35		
Jacobabad ...	21 03	18 07	08 01	08 02	01 03	33 02	20 02	13 07	13 07	29 08	25 11
Jessore ...	10 12	41 15	12 15	12 14	—	...	...				
Jhelum ...	07 02	19 03	25 05	26 04	31 05	28 07	32 04	25 10	27 23	26 31	28 41
Jiwani ...	21 04	23 04	34 04	34 06	33 10	03 20	02 08	17 06	19 07	14 09	19 07
Karachi ...	28 15	28 15	28 17	...	—	—	...	—	—	—	—
Khanpur ...				—	...						...
Lahore ...	30 01	29 04	32 06	33 05	35 03	11 03	28 08	34 06	35 05	01 08	...
Multan ...	30 16	21 19	21 21	19 14	16 05	20 05	32 05	27 04	27 09	27 31	...
Muscat ...	...	...	...					...	—	—	...
Panjgur ...	—	—	—	34 09	36 17	09 04	01 18	—			...
Peshawar ...	...	03 10	02 09	35 09	33 09	33 13	25 15	24 18	24 18	25 14	26 12
Quetta ...	—	—	—	—	30 04	28 10	24 13	33 06	26 09	27 17	27 19
Sharjah ...	—	...	...		—	...	...	—	...	...	...
Sylhet ...	18 01	11 02	07 03	09 08	08 06	12 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	13.5	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 06	10 06	16 10	15 09	14 08	14 07	16 08	17 11	18 12	18 10	17 07	12 07	07 13	05 14	06 19	04 21		
Karachi ...	27 06	28 08	31 08	31 08	34 10	36 06	23 05	23 05	13 27	33 04	35 02	34 02	14 10	14 18	14 19	13 19		
Peshawar ...		—	—	—	—	—	..	—	—	—	—	—	—	—	—	—	10 21	10 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.

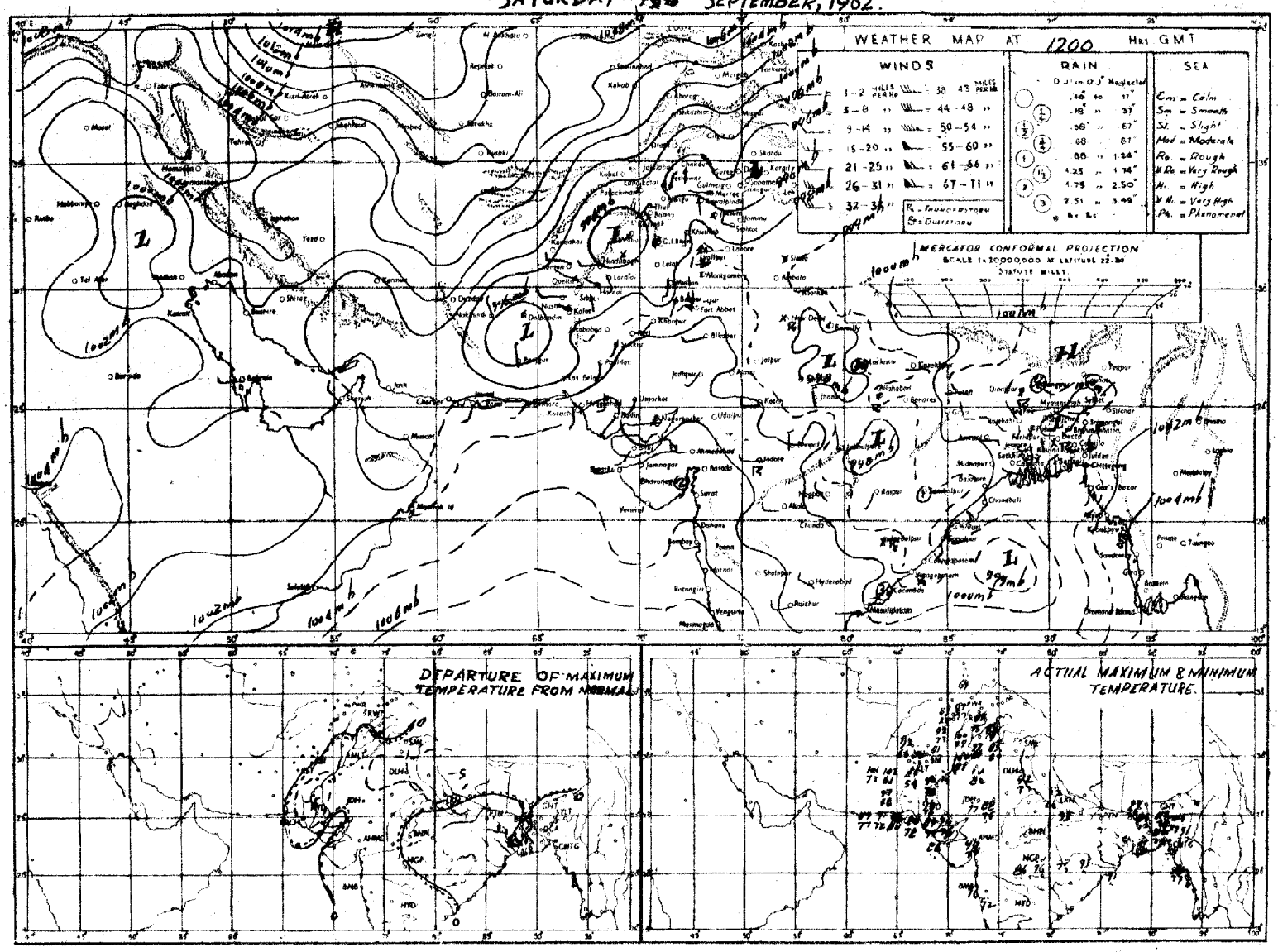
Cloud observation Data (GGiii Cdd VrVr etc.)

12 53) 32 208

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

PAKISTAN DAILY WEATHER MAP

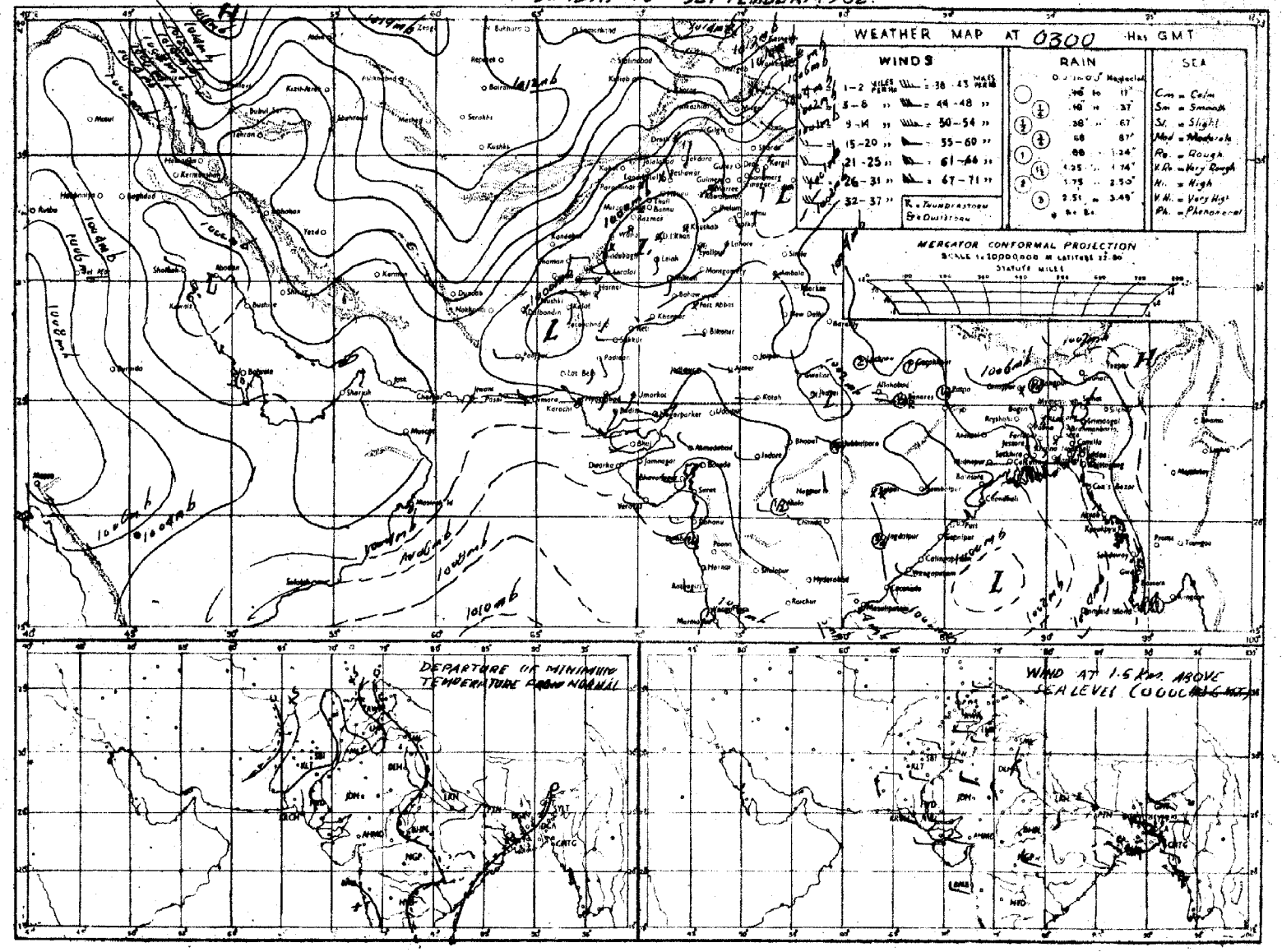
SATURDAY 15th SEPTEMBER, 1962.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 16th SEPTEMBER 1962.



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

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Volume No. 16

PAKISTAN DAILY WEATHER REPORT

MONDAY, THE 17th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's low pressure area in west central and adjoining northwest Bay of Bengal concentrated into a depression and was centred last evening at 1200 G. M. T. with in half a degree of latitude 17.5 °N and longitude 86 °E observations are lacking but believe it moved northwestwards and is crossing coast with centre at 17/0300 G.M.T. about 30 miles south southwest of Gopalpur. It is likely to continue move in the same direction.

Rain/thundershowers have been local in Khulna division and scattered in Chittagong and Dacca divisions. Light rain has also been reported from Rajshahi division.

Yesterday's westerly low pressure wave over D. I. Khan division is moving across Rawalpindi division and adjoining areas.

An easterly low pressure area lies over southwest Uttar Pradesh.

Scattered rain/thundershowers have been reported from Rawalpindi and Peshawar divisions.

A trough of low has developed over Saurashtra and neighbourhood.

Chief amounts of rainfall are:—Satkhira and Murree 1/2" each and Comilla, Faridpur, Barisal and Cherat 1/4" each.

Day temperatures were 3—6 °F (2—3 °C) above normal in Rajshahi, Dacca and Lahore divisions and to the same extent below normal in Khairpur division.

Forecast valid until the evening of 18th September, 1962:—Rain/thundershowers will be fairly widespread in East Pakistan, Lahore and Rawalpindi divisions and in Kashmir, local in Peshawar, Sargodha and Multan divisions and scattered elsewhere over the country outside Quetta, Kalat and Karachi divisions.

Heavy rainfall warning : Local moderate to heavy rain fall in East Pakistan Lahore and Rawalpindi divisions and in Kashmir during next 48 hours.

Karachi-11
The 17th September, 1962.

M. AZHAR ADIL
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	Rangamati —	0?0	4	4	23	02	92	05	9	022	86	1	9	7	7	1	77	94
	Cox's Bazar —	090	0	7	16	05	96	01	2	013	83	4	4	5	3	8	74	89
	Chittagong —	003	0	4	18	05	97	02	2	008	84	2	3	6	1	1	79	89
	Maijdee Court —	000	9	6	18	05	96	03	2	013	85	4	2	6	2	0	78	90
	Comilla —	030	4	8	00	00	94	02	9	994	83	8	4	5	1	x	80	91
	Brahmanbaria —	000	0	4	00	00	97	03	1	013	84	2	5	5	2	0	77	91
	Sylhet —	000	0	6	00	00	96	03	2	991	85	3	2	6	2	1	88	89
	Srimangal —	000	0	4	00	00	95	29	0	015	88	4	0	3	0	0	81	93
Dacca	Mymensingh —	000	0	4	00	00	98	02	1	015	88	2	2	4	0	4	78	91
	Narayanganj —	000	9	6	13	02	96	03	9	012	87	4	4	4	0	8	79	93
	Dacca (Tezgaon) —	000	2	6	13	02	97	02	2	006	84	1	9	5	5	1	77	91
	Faridpur —	030	0	4	16	03	96	01	1	009	86	3	3	6	1	0	82	89
Khulna	Barisal —	010	2	8	09	01	97	02	6	014	83	8	5	6	?	0	79	89
	Khulna —	000	0	6	00	00	97	03	2	011	83	6	5	5	0	0	79	89
	Satkhira —	030	3	6	00	00	97	03	9	049	82	3	4	6	2	0	79	90
	Jessore —	000	0	4	09	03	97	02	2	0?9	85	0	8	1	9	5	7?	9?
Rajshahi	Pabna —	000	0	6	13	05	98	01	2	000	87	3	2	7	4	2	77	91
	Sirajganj —	000	0	7	00	00	96	02	2	039	85	6	0	9	4	0	79	93
	Bogra —	000	0	4	16	03	96	02	1	006	89	3	5	0	3	0	77	93
	Dinajpur —	000	0	3	00	00	95	01	0	0?5	89	3	0	9	1	x	80	94
	Rangpur —	000	0	2	00	00	96	01	1	011	88	1	2	6	1	0	80	91
Kashmir	Jammu —																	
Lahore	Lahore (Jail Rd.) —	000	0	0	00	00	96	01	0	984	97	0	0	9	0	0	72	96
	Sialkot —	000	0	0	00	00	97	00	0	970	95	0	0	9	9	0	72	99
Rawalpindi	Jhelum —	000	0	3	27	02	98	02	0	969	95	1	1	6	1	0	72	98
	Rawalpindi —	000	0	7	25	03	98	03	2	985	84	7	5	7	0	0	62	95
	Campbellpur —	000	0	8	23	02	98	02	0	962	87	0	2	8	0	2	57	98
Sargodha	Khushab —	000	0	0	09	03	98	00	0	974	99	0	0	9	0	0	81	02
	Lyallpur —	000	0	4	25	02	97	01	2	977	97	0	0	9	0	3	67	99
Multan	Montgomery —	000	0	0	00	00	96	02	1	960	97	0	0	9	0	0	74	98
	Multan —	000	0	2	16	03	98	04	0	976	98	2	0	9	3	0	65	00
	Leiah —	000	0	6	18	04	98	01	2	969	98	2	2	9	1	0	69	01
Bahawalpur	Khanpur —	030	0	0	23	02	97	02	0	976	95	0	0	9	0	0	76	96
	Bahawalpur —	000	0	0	23	02	97	00	0	970	97	0	0	9	0	0	76	99
	Fort Abbas —	000	0	0	18	02	98	00	0	977	00	0	0	9	0	0	67	01
Peshawar	Chakdara —	000	0	0	18	01	97	00	0	955	90	0	0	5	0	0	68	91
	Peshawar —	000	0	5	09	00	97	01	1	972	93	4	1	6	3	0	67	96
	Haripur —	000	0	0	23	01	97	00	0	983	90	0	0	9	0	0	71	92
D. I. Khan	Bannu —	000	0	3	09	01	99	02	0	966	96	0	0	9	3	0	64	95
	D. I. Khan —	000	3	3	00	00	98	01	0	960	00	8	0	9	3	0	72	02
Quetta	Sibi —	000	0	0	23	02	98	00	0	970	00	0	0	9	0	0	69	02
Kalat	Nokkundi —	000	0	0	34	13	96	02	0	976	97	0	0	9	0	0	23	98
	Turbat —	000	0	0	37	04	97	00	0	971	05	0	0	9	0	0	66	07
	Jiwani —	000	0	0	23	10	97	02	0	0.5	85	0	0	9	0	0	76	86
	Pasni —	000	0	8	25	11	95	02	1	007	85	0	0	9	4	3	78	90
Karachi Division	Ormara —	000	0	1	27	10	95	03	1	990	87	1	1	6	0	0	77	89
	Lasbela —																	
	Karachi (Manora) —																	
	Karachi (Airport) —	000	0	3	25	09	97	01	1	005	86	2	5	6	3	0	76	86
Hyderabad	Nagarparkar —	000	0	6	31	02	97	00	0	986	92	0	0	9	0	0	76	54
	Umarkot —	000	0	1	23	02	98	02	0	591	92	1	2	7	0	0	76	94
	Hyderabad —	000	0	3	20	09	97	01	1	989	90	3	5	6	0	0	75	93
	Badin —	000	0	8	23	02	97	01	0	017	90	8	0	9	0	6	79	94
Khairpur	Padidan —	000	0	1	18	05	98	02	0	979	96	1	1	6	0	0	71	96
	Nawabshah —	000	0	3	18	05	96	01	0	994	95	3	5	6	0	0	76	97
	Sukkur —	000	5	0	20	09	97	02	0	977	95	0	0	9	0	0	75	96
	Kashmore —	000	0	0	00	00	98	00	0	033	98	0	0	9	0	0	68	94
	Jacobabad —	000	0	0	13	05	97	02	0	977	95	0	0	9	0	0	84	97
Junagadh	Veraval —																	
Afghanistan	Jalalabad —																	
Arabia	Muscat —																	
	Kuwait —																	
	HILL STATIONS																	
Kashmir	Srinagar * —																	
	Gulmarg ** —																	
	Sonamarg ** —																	
	Dras ** —																	
	Leh ** —																	
	Skardu * —	000	8	5	27	07	97	02	2	312	80	5	2	6	0	0	33	83
	Misgar ** —	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aliabad * —																	
	Gilgit * —																	
Rawalpindi	Murree * —	038	3	8	07	05	96	03	9	439	67	8	9	4	x	x	61	71
Peshawar	Drosh * —	000	7	3	23	03	97	01	9	419	88	3	1	7	0	0	45	90
	Cherat * —	025	4	5	18	09	97	01	6	383	77	5	5	6	0	0	66	92
	Kakul * —	000	8	7	23	05	97	03	1	439	78	7	9	5	0	0	65	86
	Landikotal * —	000	0	3	13	03	98	03	0	419	85	1	1	7	3	0	56	91
	Parachinar * —	000	0	4	13	02	99	03	2	443	76	4	1	9	0	0	50	82
D. I. Khan	Miranshah * —	000	0	0	11	09	98	04	4	437	88	0	0	9	0	0	77	93
	Wana * —	000	0	4	00	00	99	01	1	509	85	0	0	9	0	0	54	91
Quetta	Fort Sandeman * —	000	0	0	00	00	99	02	0	419	92	0	0	9	0	0	30	95
	Hindubagh * —	000	0	0	25	16	97	00	0	395	82	0	0	9	0	0	28	87
	Loralai * —	000	0	4	11	07	95	01	1	415	87	0	0	9	1	2	59	91
	Harnai * —	000	0	0	16	05	97	00	0	420	92	0	0	9	0	0	61	94
	Quetta * —	000	0	0	31	02	96	00	0	400	86	0	0	9	0	0	71	87
	Chaman * —	000	0	0	27	05	98	00	0	422	92	0	0	9	0	0	35	93
	Nushki * —	000	0	0	31	05	98	02	0	465	96	0	0	9	0	0	54	97
	Dalbandin * —	000	0	0	23	05	95	05	0	448	97	0	0	9	0	0	56	00
Kalat	Kalat * —	000	0	0	34	05	96	00	0	416	82	0	0	9	0	0	69	86
	Panjgur * —	000	0	0	31	09	97	02	0	433	94	0	0	9	0	0	27	96
Afghanistan	Kabul * —																	
	Kandhar * —																	

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 1962 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati	000	0	7	18	02	97	05	9	015	87	2	2	7	3	4	77	74	—	—		—	—	—
Cox's Bazar	000	0	4	16	13	97	03	1	045	85	2	4	5	4	8	75	77	+ 2	+ 1	94.2	— 9.6	105.0	140
Chittagong	000	0	6	09	05	97	02	2	042	86	7	5	6	2	2	74	79	+ 12	+ 2	—	—	—	108
Maijdee Court	000	1	7	16	05	97	03	2	050	85	4	2	5	2	x	76	81	+ 3	+ 3	73.3	— 4.6	92.8	115
Comilla	003	9	8	00	00	97	02	0	028	85	8	4	5	x	x	79	79	+ 3	+ 2	48.6	+ 9.9	61.8	94
Brahmanbaria	000	0	7	13	03	97	03	1	050	85	2	5	5	2	0	78	81	—	—	43.7	— 0.5	61.1	78
Sylhet	010	4	8	13	09	xx	xx	x	052	78	6	7	4	2	x	69	77	—	—	91.4	—	118.5	—
Srimangal	000	0	3	09	05	96	03	2	049	77	3	0	4	0	0	74	75	+ 2	0	—	—	—	90
Mymensingh	001	0	8	13	02	97	02	1	053	83	8	?	4	x	?	79	79	+ 3	+ 1	46.5	— 11.0	62.5	91
Narayanganj	001	9	7	11	05	97	00	2	046	86	2	4	3	0	J	77	81	+ 5	+ 2	42.6	— 2.1	59.9	74
Dacca (Tezgaon)	003	7	7	11	05	97	02	6	044	85	3	3	4	2	3	75	79	—	—	50.6	—	55.5	—
Faridpur	031	0	7	16	02	97	02	5	051	81	5	5	5	1	0	79	79	+ 2	+ 1	32.3	— 8.8	46.7	71
Barisal	020	6	6	08	02	97	02	6	045	85	6	7	6	0	0	81	81	+ 1	+ 3	—	—	—	81
Khulna	010	0	6	13	02	97	01	2	038	84	6	5	6	0	0	78	81	+ 1	+ 4	—	—	—	68
Satkhira	01?	6	7	05	07	97	03	3	01?	94	4	4	4	2	0	78	79	+ 1	+ 2	—	—	—	65
Jessore	030	0	7	09	07	97	03	2	040	85	4	5	6	6	x	79	79	—	—	—	—	—	65
Pabna	008	9	7	13	05	98	03	6	033	87	3	8	8	0	2	79	81	—	—			—	59
Sirajganj	000	0	7	13	02	97	0	2	043	85	7	4	5	0	4	79	80	+ 3	+ 2	37.5	— 3.7	50.5	64
Bogra	000	0	5	09	2	99	00	2	012	85	3	5	5	?	x	79	81	+ 5	+ 3	36.0	— 9.5	49.8	69
Dinajpur	000	9	3	00	00	96	02	0	049	93	3	0	9	4	0	79	76	+ 6	+ 1	42.6	— 8.2	49.8	72
Rangpur	007	0	4	15	02	96	03	0	058	87	4	0	9	1	0	81	80	+ 3	+ 3	43.1	— 13.1	65.3	84
Jammu																							—
Lahore (Jail Rd.)	000	5	4	13	03	96	01	1	039	82	4	6	4	0	0	76	80	0	+ 8	10.3	— 3.8	16.7	19
Sialkot	000	0	0	00	00	97	00	0	036	84	0	0	9	0	0	72	79	+ 4	+ 5	22.1	— 0.5	26.5	32
Jhelum	000	0	5	29	09	97	03	0	035	83	3	5	7	1	0	47	76	—	—	21.3	—	27.4	
Rawalpindi	010	0	0	09	02	99	0.	0	035	81	0	0	9	0	0	65	72	+ 1	+ 3	26.5	+ 3.9	33.2	36
Campbellpur	000	0	0	27	01	98	00	0	976	79	0	0	9	0	0	67	7?	—	—	9.6	—	17.9	—
Khushab	030	0	0	00	00	96	00	0	028	81	0	0	9	0	0	79	81	+ 3	+ 4	2.4	— 7.3	7.3	15
Lyallpur	030	0	0	00	00	96	00	0	025	82	0	0	9	0	0	75	82	+ 1	+ 0	5.9	— 3.0	9.7	12
Montgomery	000	0	0	00	00	96	02	0	026	85	0	0	9	0	0	73	73	— 2	+ 4	8.1	+ 1.2	11.2	10
Multan	000	0	0	00	00	98	02	0	025	85	0	0	9	3	0	73	xx	+ 1	—	1.2	— 3.5	2.9	7
Leiah	000	0	1	00	09	98	00	0	033	85	0	0	9	2	0	76	78	—	—	1.7	—	3.5	9
Khanpur	010	0	0	18	03	96	01	0	024	83	0	0	9	0	0	77	76	+ 5	+ 1	6.2	— 1.4	7.1	6
Bahawalpur	000	0	0	18	02	98	00	0	027	84	0	0	9	0	0	78	xx	— 1	—	2.9	— 1.3	3.6	6
Fort Abbas	000	0	0	27	02	98	00	0	971	87	0	0	9	0	0	72	78	—	—	0.6	—	0.9	8
Chakdara	000	0	0	36	01	97	00	0	0.7	73	0	0	9	0	0	60	66	—	—	6.8	—	16.1	—
Peshawar	000	0	0	00	00	97	02	0	034	63	0	0	9	0	0	66	76	+ 1	+ 5	1.7	— 2.4	8.3	11
Haripur	000	0	0	36	01	97	00	0	034	80	0	0	9	0	0	67	71	—	—	20.1	—	26.7	—
Bannu	000	0	0	00	00	99	01	0	024	85	0	0	9	0	0	67	77	—	—	2.0	—	5.0	11
D. I. Khan	000	2	1	00	00	98	01	0	018	83	0	0	9	0	1	73	79	+ 2	+ 4	1.6	— 3.7	4.4	9
Sibi	000	0	0	23	02	98	00	0	023	94	0	0	9	0	0	72	81	—	—	2.6	—	3.7	5
Nokkundi	000	0	0	34	05	98	02	0	016	82	0	0	9	0	0	21	74	—	—	0	—	0.1	2
Turbat	000	0	0	27	01	97	00	0	039	81	0	0	9	0	0	74	xx	—	—	4.8	—	4.6	—
Jiwani	000	0	6	23	02	97	02	2	031	81	6	4	4	0	0	75	78	—	—	1.7	—	1.9	5
Pasni	000	3	9	25	04	98	03	4	021	80	9	4	7	0	0	79	xx	+ 1	—	0	— 0.9	0.2	6
Ormara	000	0	5	27	07	94	03	2	025	81	5	1	5	0	0	78	80	—	—	0.1	— 0.7	2.0	6
Lasbela																							8
Karachi (Manora)																							8
Karachi (Airport)	000	0	1	27	05	96	01	2	029	81	1	6	5	0	0	73	78	—	—	10.7	—	10.7	—
Nagarparkar	000	0	3	36	01	97	00	0	022	82	8	0	9	0	0	75	70	—	—	10.3	—	10.3	—
Umarkot	000	0	8	20	01	96	02	0	033	80	0	3	7	0	0	77	77	—	—	7.2	—	7.3	—
Hyderabad	001	0	2	18	07	97	03	0	023	81	0	5	6	0	1	77	78	— 4	+ 2	15.6	+ 9.8	16.2	7
Badin	000	0	0	23	03	97	00	0	040	81	1	0	9	0	0	77	78	— 1	+ 2	6.5	— 0.7	7.1	9
Padidan	000	0	0	13	05	98	02	0	023	81	0	0	9	0	0	75	77	—	—	2.8	—	3.4	—
Nawabshah	000	0	0	18	05	96	02	0	028	81	0	0	9	0	0	77	77	—	—	2.8	—	3.2	—
Sukkur	000	4	1	20	02	97	01	0	016	84	0	0	9	0	3	77	80	—	—	2.5	—	2.5	4
Kashmore	000	0	0	00	00	99	00	0	020	83	0	0	9	0	0	68	61	—	—	0.5	—	0.5	—
Jacobabad	000	0	0	16	02	96	02	0	020	84	0	0	9	0	0	81	82	— 6	+ 6	2.0	— 0.2	2.9	4
Veraval																							10
Jalalabad																							
Muscat																							4
Kuwait																							5
HILL STATIONS																							
Srinagar *																							26
Gulmarg **																							—
Sonamarg **																							71
Dras **																							24
Leh **																							3
Skardu *	000	9	2	05	02	96	01	1	412	66	1	2	6	3	0	45	59	—	—				6
Misgar **	000	0	6	23	02	98	03	1	128	48	2	1	8	4	0	38	42		—				—
Aliabad *																							—
Gilgit *																							8
Murree *	066	9	2	17	02	98	01	9	465	65	0	0	9	8	0	49	55	+ 3	+ 1	28.5	— 5.3	46.5	50
Drosh *	000	0	2	00	00	99	03	0	474	67	2	0	9	3	0	48	66	+ 2	+ 2	4.5	—	16.5	10
Cherat *	025	9	0	18	01	98	02	0	412	71	0	0	9	0	0	63	65	+ 8	0	11.7	+ 0.1	35.9	29
Kakul *	000	9	1	23	03	97	01	9	467	75	1	2	7	0	0	61	66	—	—	27.8	—	33.4	—
Landikotal *	000	0	0	00	00	96	00	0	454	78	0	0	9	0	0	61	66	—	—	4.2	—	20.3	—
Parachinar *	000	0	0	00	00	99	00	0	459	62	0	0	9	0	0	51	59	+ 2	+ 1	11.3	—	24.9	29
Miranshah *	000	0	4	00	00	98	03	2	449	80	4	4	8	0	0	74	73	—	—	1.1	— 3.1	29.5	13
Wana *	000	0	0	00	00	97	00	0	511	73	0	0	9	0	0	57	66	—	—	4.6	—	12.9	11
Fort Sandeman *	000	0	0	00	00	99	02	0	466	74	0	0	9	0	0	58	69	+ 4	+ 5	5.5	+ 0.6	10.2	11
Hindubagh *	000	0	0	27	03	97	00	0	437	67	0	0	9	0	0	41	56	—	—	0.8	—	4.6	—
Loralai *	000	0	0	27	03	99	00	0	419	70	0	0	9	0	0	46	59	—	—	1.1	—	4.6	9
Harnai *	000	0	0	00	00	97	00	0	429	77	0	0	9	0	0	65	74	—	—	5.7	— 1.6	8.9	14
Quetta *	000	0	0	00	00	96	00	0	455	67	0	0	9	0	0	44	51	—	—	0.1	— 0.9	4.3	9
Chaman *	000	0	0	09	07	98	00	0	453	73	0	0	9	0	0	30	68	+ 3	+ 6	0	— 0.1	1.3	8
Nushki *	000	0	0	09	05	98	02	0	482	81	0	0	9	0	0	35	74	—	—	0	—	0.2	—
Dalbandin *	000	0	0	00	00	95	05	0	439	69	0	0	9	0	0	39	62	+ 1	— 1	0	— 0.2	1.1	4
Kalat *	000	0	0	18	03	96	00	0	459	66	0	0	9	0	0	49	52	+ 3	+ 5	0.2	— 1.0	2.1	7
Panjgur *	000	0	0	00	00	96	02	0	445	71	0	0	9	0	0	38	65	+ 2	+ 2	0.3	—	1.3	5
Kabul *																							
Kandhar *																							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 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 17th SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 N_sC h_sh_s	0 $T_wT_wT_dT_d$	$I_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Darass	13 244	644 00	2 34 06	97 0 10	030 82	22 4 3x	65 4 00	—	84 8 xx	...
Shams	13 177	723 00	8 33 10	98 0 10	xxx 82	x5 3 85	76 1 xx	—	00 4 76	12 4 33
Martikor	13 242	584 06	0 05 06	98 0 20	024 88	00 9 00	34 2 18	—	00 1 85	10 5 21
Shams	13 191	713 06	8 24 18	98 0 13	xxx 86	35 3 50	76 1 xx	—	05 1 76	12 4 33
Sonda	13 199	587 06	8 22 16	97 0 22	018 88	86 4 xx	16 2 13	—	05 3 73	12 2 22
Shams	13 205	704 12	8 24 18	98 0 11	xxx 82	49 3 88	76 1 xx	—	00 3 75	12 4 33
Mariakerk	13 233	591 12	1 07 02	98 0 20	018 85	10 5 1x	34 8 13	—	00 0 72	10 7 21
Serenia	13 263	566 12	0 17 08	98 0 20	009 81	00 9 00	30 7 06	—	05 1 00	11 7 22
Mariekerk	13 225	600 18	0 15 10	97 0 20	020 xx	00 9 00	34 3 20	—	00 2 73	11 5 22
Kampala	13 220	658 18	5 23 13	97 9 08	275 80	00 4 50	22 0 00	—	05 2 xx	12 3 43
Darossa	14 239	604 18	0 19 07	97 0 10	016 81	00 9 00	65 1 01	—	05 4 78	11 9 33
Selbomaru	13 173	678 18	4 25 13	98 0 11	090 81	22 4 68	35 2 20	—	06 2 73	12 5 33

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 HHHTTTT$_d$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	022 260 252	—	—	140 162 142	—	307 082 035	433 012 548	588 575 678	756 015 785	958 012	234 015	...	—
Jiwani ...														
Karachi ...	00 00	999 265 252	016 xxxxxx	...	140 225 172	—	309 148 992	438 103 595	586 588 992	759 625 995	...	...	—	—
Lahore ...	00 £0	MISDA	—	—	...	...	—	...	...	...	—	...	—	...
Multan ...														
Peshawar ...	00	MISDA	—	...	...	...			...		—	—	...	—
Quetta ...	00 00	827 xxx xxx	—	...	...	...	312 165 995	442 115 995	592 085 995	773 522 998	—	—	—	—

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	002 xxx xxx	900 195 182	800 142 122	589 002 565	—	—	...	—	...	589 025 565	—	...
Jiwani ...													
Karachi ...	00 00	900 202 155	800 178 128	...	...	—	—	—	...	...	800 178 128	...	—
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	—	—
Multan ...													
Peshawar ...		MI DA	...	—	...	...	...	...	...	...		...	...
Quetta ...	00 00	800 160 xxx	...	—	—	—	—	...	...	—	800 160 xxx	—	—

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 ...	14 05	14 10	13 11	14 11	12 09	16 07	—	...	—
Chaklala ...	...	29 12	28 10	26 09	25 05	24 05	—	...	—
Chhor ...	20 10	21 10	20 10	22 05	02 05	27 10	30 08	29 07	27 02
Chittagong ...	20 13	20 09	23 03	—	—	—	—	...	—
Cox's Bazar ...	16 10	15 10	13 11	—	—	—	—	...	—
Dacca ...	13 08	12 10	13 11	13 11	13 15	12 17	14 01	15 05	15 08
Dalbandin ...	—	—	29 05	22 07	17 01	34 05	23 11	28 08	29 15
D.I. Khan ...	—	—	—	—	—	—	—	—	—
Drosh ...	—	—	—	—	26 04	16 09	—	—	—
Fort Sandeman ...	...	...	—	3 02	30 04	22 06	25 13	28 17	28 19
Jacobabad ...	16 06	16 04	14 04	35 02	28 02	01 01	23 11	29 15	29 14
Jessore ...	14 13	12 03	12 32	12 21	—	—	—	—	—
Jhelum ...	28 07	27 07	26 07	27 05	32 06	34 07	36 04	31 41	29 12
Jiwani ...	22 09	23 10	25 08	34 11	02 17	02 34	01 15	32 10	24 08
Karachi ...	25 13	26 17	26 13	—	—	—	—	—	—
Khanpur ...	24 10	22 13	20 13	18 15	19 06	31 06	33 05	30 13	31 21
Lahore ...	26 04	25 07	34 06	24 06	28 06	31 10	34 16	14 14	32 12
Multan ...	30 13	20 18	29 16	19 12	18 10	32 07	29 09	30 21	28 20
Muscat ...	—	—	—	—	—	—	—	—	—
Panjgur ...	—	—	—	35 09	34 10	34 12	34 03	27 03	23 08
Peshawar ...	—	19 04	17 06	18 06	20 07	27 06	34 10	30 04	—
Quetta ...	—	...	—	—	30 01	30 03	29 07	27 09	27 11
Sharjah ...	...	...	...	—	—	—	...	—	...
Sylhet ...	31 06	35 05	11 02	12 07	15 06	17 10	...	—	...

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

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 00	10 13	10 15	12 13	13 21	...	...	...	...	...	...
Chaklala ...	...	15 05	13 04	27 04	27 06	28 07	30 11	31 12	30 17	28 29	...
Chhor ...	32 12	23 14	—	—	—	—	—	—	—	—	...
Chittagong ...	16 12	16 10	15 09	14 13	—	—	—	—	—	...	...
Cox's Bazar ...	15 12	14 21	11 25	—	—	—	...	—	—	...	...
Dacca ...	14 07	16 15	15 21	14 25	13 23	14 22	xx xx	17 10	16 17	16 16	17 15
Dalbandin ...	—	—	15 01	14 03	21 05	35 07	34 20	34 25	07 09	21 07	...
D.I. Khan ...	—	—	—	—	—	—	—	—	—	—	—
Drosh ...	—	—	—	—	32 04	23 06	28 10	23 12	24 12	25 21	28 31
Fort Sandeman ...	—	—	—	36 07	35 11	05 10	26 11	23 17	33 17	19 15	29 30
Jacobabad ...	14 02	15 02	09 02	09 05	05 06	34 01	13 06	26 07	34 06	02 06	24 07
Jessore ...	12 22	13 13	—	—	—	—	—	—	—	—	...
Jhelum ...	12 08	13 09	13 06	29 06	31 07	31 10	26 11	28 17	27 25	27 51	...
Jiwani ...	17 03	18 09	35 08	35 06	02 05	35 13	01 22	03 21	—	—	...
Karachi ...	26 13	27 12	27 10	—	—	—	—	—	—	—	...
Khanpur ...	18 04	19 07	17 10	17 11	36 07	36 03	08 03	33 04	34 04	36 05	28 11
Lahore ...	14 07	15 11	17 10	18 06	33 06	34 13	36 11	34 08	35 10	30 06	27 19
Multan ...	20 08	19 10	19 12	19 13	12 03	31 07	02 07	29 11	28 10	32 14	...
Muscat ...	—	—	—	—	—	—	—	—	—	—	...
Panjgur ...	—	—	—	34 12	35 22	01 17	04 13	36 07	30 10	17 01	19 02
Peshawar ...	—	—	—	—	—	—	—	—	—	—	...
Quetta ...	—	...	—	—	03 02	29 05	20 12	25 07	27 09	27 03	...
Sharjah ...	—	—	—	—	—	—	—	—	—	—	...
Sylhet ...	09 01	12 03	14 02	07 03	13 04	19 06	27 01	15 03	16 04	—	...

† 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 10	12 11	13 11	13 15	13 19	15 17	15 18	14 11	17 02	26 01	10 10	08 12	...	...	...	...	—	—
Karachi ...	27 2	28 21	9 11	36 09	36 11	07 10	08 13	35 14	32 15	33 15	—	—	—	—	—	—	—	...
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.

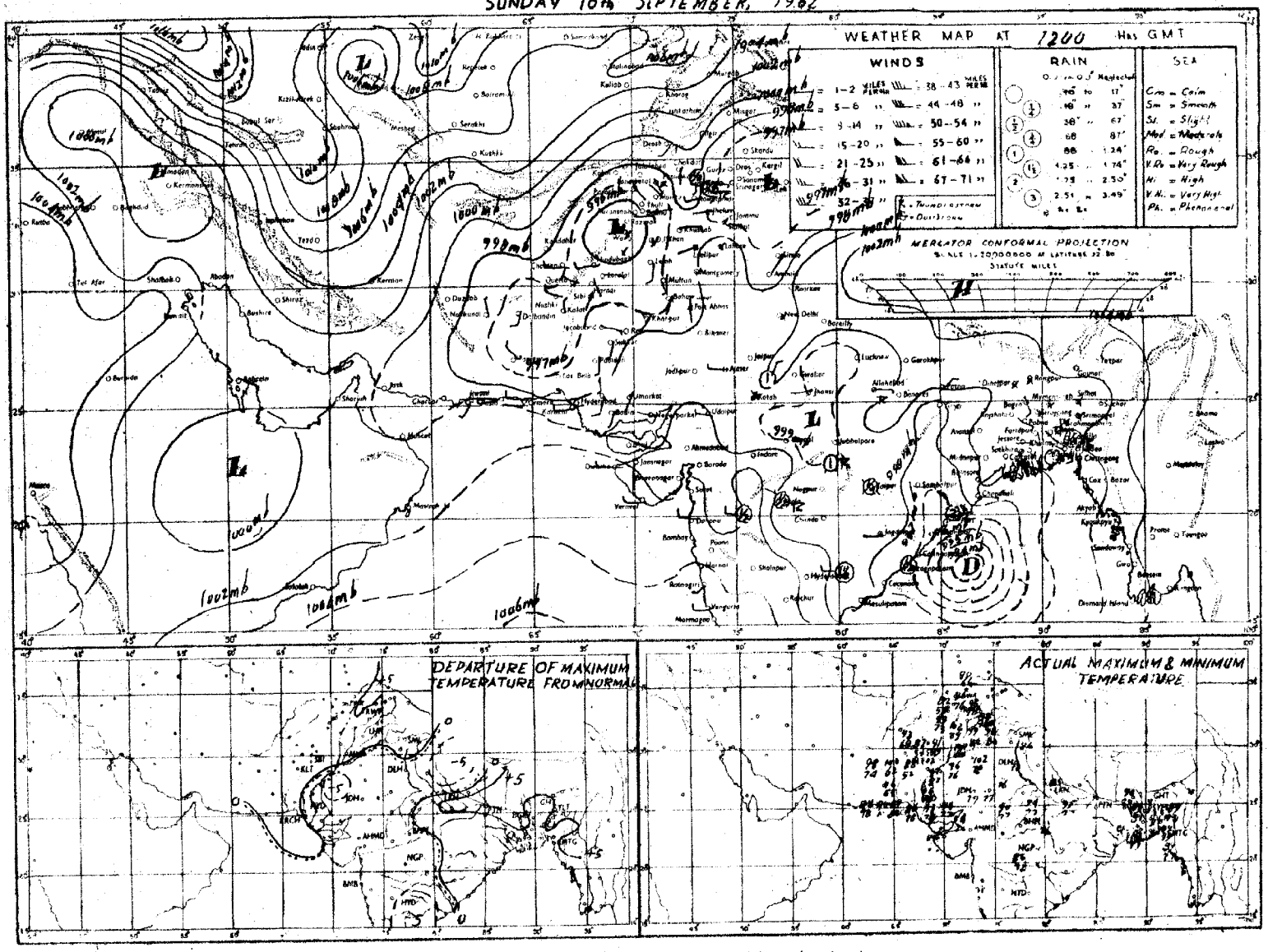
Cloud observation Data (GGiii Cdd V_rV_r etc.)

12 530 33 206
11 917 00 604

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

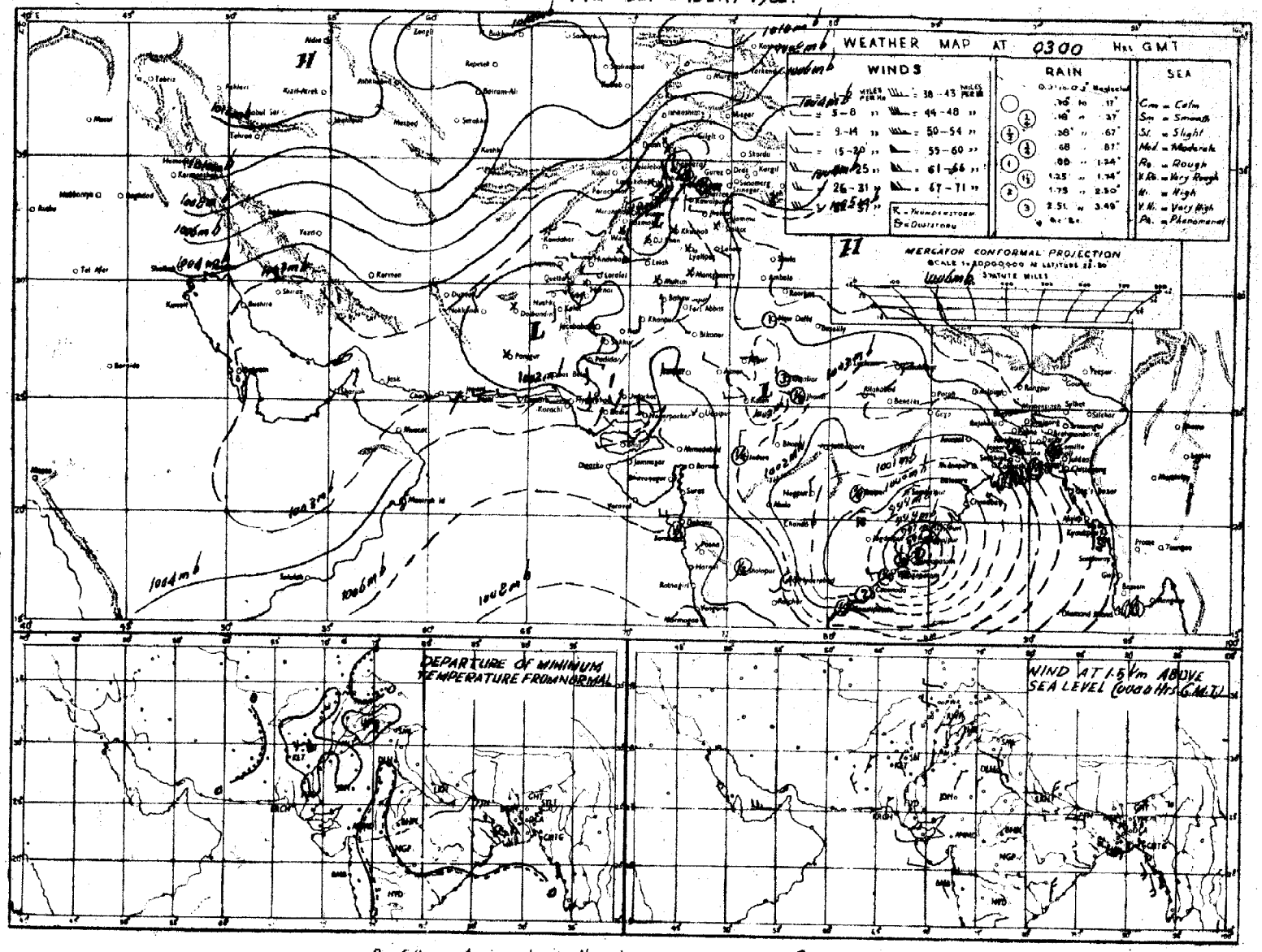
SUNDAY 16th SEPTEMBER, 1962



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

PAKISTAN DAILY WEATHER MAP

MONDAY 17th SEPTEMBER, 1962.



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. 16

TUESDAY THE 18th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's depression moved westnorthwestwards and became deep last evening when it was centred about 20 miles southwest of Gopalpur. Continuing to move in the same direction it now lies at 0300 GMT with its centre about 30 miles northeast of Koraput and is likely to weaken and move in the same direction.

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

Yesterday's easterly low pressure area and the trough of low over Saurashtra became unimportant.

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

Scattered thundershowers have been reported from Rawalpindi division and a few thunderstorms from Peshawar division.

Chief amounts of rainfall are:—Sylhet, Pabna and Murree 1" each; Srimangal 3/4"; Narayanganj, Dacca and Satkhira 1/2" each and Faridpur 1/4".

Day temperatures were 3—6 °F (2—3 °C) above normal in the northern areas of East Pakistan and in Rawalpindi and Peshawar divisions.

Forecast valid until the evening of 19th September, 1962:—Rain/thundershowers will be fairly widespread in Rawalpindi division and in Kashmir and local in East Pakistan and in Lahore and Sargodha divisions. Scattered thunderstorms/showers may also occur in Peshawar, Multan, Bahawalpur and Hyderabad divisions.

Earthquake Report:—An earthquake of severe intensity was recorded by Seismograph at the Geophysical Institute Quetta today the 18th September, 1962 at 05 hours 48 minutes and 17 seconds W.P.S.T. The epicentre of the shock lay about 9000 miles west of Quetta probably somewhere in central America.

Karachi-11
The 18th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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 † 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	Rangamati	000	0	5	18	05	98	05	1	017	89	2	7	5	1	x	78	93
	Cox's Bazar	000	0	7	16	09	97	02	2	007	83	6	8	5	7	0	76	xx
	Chittagong	000	0	6	18	15	97	03	2	005	85	4	3	6	2	0	76	90
	Maijdee Court	000	9	5	13	05	97	03	4	010	85	2	2	6	0	0	77	99
	Comilla	000	0	3	18	05	96	02	1	990	86	3	4	7	0	0	81	90
	Brahmanbaria	000	0	4	00	00	97	03	1	011	87	4	4	5	0	0	78	89
	Sylhet	000	0	4	00	00	96	01	1	006	84	1	1	6	6	1	78	89
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	003	0	4	13	02	98	02	1	011	87	2	2	5	0	4	80	89
	Narayanganj	012	2	6	16	03	96	03	6	012	85	4	2	2	8	8	79	xx
	Dacca (Tejgaon)	015	1	4	00	00	97	29	9	004	81	3	3	5	0	1	79	89
	Faridpur	016	3	6	16	03	96	02	6	016	83	4	4	6	1	0	80	88
Khulna	Barisal	012	4	1	33	3	96	02	2	015	82	4	7	6	0	0	76	87
	Khulna	000	0	3	00	00	97	01	2	000	82	3	5	7	0	0	80	87
	Satkhira	043	3	6	00	00	97	03	6	021	82	2	4	6	3	0	79	88
	Jessore	000	0	6	09	03	96	03	2	020	85	4	4	5	6	0	79	87
Rajshahi	Pabna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirajganj	000	0	1	00	00	98	02	1	999	86	1	9	4	0	0	79	89
	Bogra	000	0	5	13	03	96	02	2	003	87	2	4	6	0	1	77	84
	Dinajpur	004	9	4	00	00	96	02	6	999	86	4	0	9	2	0	81	94
	Rangpur	000	0	3	13	02	96	01	1	003	87	1	7	6	1	0	83	92
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	4	00	00	96	03	0	006	92	4	3	6	0	0	77	94
	Sialkot	000	0	0	00	00	97	00	0	991	94	0	0	9	0	0	72	98
Rawalpindi	Jhelum	000	6	1	36	02	97	02	1	993	92	1	1	7	0	0	74	96
	Rawalpindi	000	0	2	09	00	98	00	0	992	92	2	2	7	0	0	69	95
	Campbellpur	000	0	0	23	02	98	00	0	974	81	0	0	9	0	0	71	99
Sargodha	Khushab	000	0	0	18	03	97	00	0	991	99	0	0	9	0	0	79	01
	Lyallpur	000	0	5	00	00	96	02	3	998	99	5	0	9	4	0	72	99
Multan	Montgomery	000	0	2	00	00	96	02	1	992	98	2	1	8	0	0	70	01
	Multan	000	0	2	18	02	98	01	0	990	99	2	0	9	3	0	66	02
	Leiah	000	0	6	00	00	98	00	0	978	03	0	0	9	0	1	71	05
Bahawalpur	Khanpur	000	0	1	00	00	96	02	0	987	99	1	1	6	0	0	75	00
	Bahawalpur	000	0	0	27	02	98	00	0	996	00	0	0	9	0	0	79	00
	Fort Abbas	000	0	0	05	02	98	00	0	960	99	0	0	9	0	0	67	03
Peshawar	Chakdara	000	0	0	18	02	97	00	0	967	93	0	0	9	0	0	63	93
	Peshawar	000	0	1	31	02	97	01	0	987	93	1	4	6	3	0	67	97
	Haripur	000	0	0	23	01	97	00	0	986	93	0	0	9	0	0	67	94
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	978	96	0	0	9	0	0	63	59
	D. I. Khan	000	0	3	27	02	98	00	0	972	97	3	0	9	0	3	69	00
Quetta	Sibi	000	0	3	23	02	98	01	0	983	01	0	0	9	2	1	67	04
Kalat	Nokkundi	000	0	0	34	05	98	02	0	971	99	0	0	9	0	0	14	01
	Turbat	000	0	0	27	04	97	00	0	971	07	0	0	9	0	0	65	08
	Jiwani	000	0	0	18	10	97	02	1	998	86	0	0	9	0	0	76	88
	Pasni	000	8	8	25	08	95	02	1	001	85	0	0	9	4	3	78	91
Karachi Division	Ormara	000	0	1	27	10	94	03	1	990	86	1	1	6	0	0	77	89
	Lasbela	000	0	3	36	12	97	03	0	935	87	3	0	8	3	0	84	02
	Karachi (Manora)	000	0	0	23	10	96	02	0	001	86	0	0	9	0	0	79	89
	Karachi (Airport)	000	0	1	23	10	97	01	1	008	85	1	5	6	0	0	75	89
Hyderabad	Nagarparkar	000	0	1	00	00	97	00	0	983	93	0	0	8	1	0	71	95
	Umerkot	000	0	0	23	01	98	02	0	995	94	0	0	9	0	0	75	96
	Hyderabad	000	0	0	18	05	97	01	0	997	90	0	0	9	0	0	76	93
	Badin	000	0	0	23	02	97	00	0	016	92	0	0	9	0	0	76	96
Khairpur	Padidan	000	0	0	09	03	98	02	0	988	99	0	0	9	0	0	67	99
	Nawabshah	000	0	0	18	03	96	02	0	997	97	0	0	9	0	0	74	xx
	Sukkur	000	4	0	23	02	97	02	0	983	00	0	0	9	0	0	74	01
	Kashmore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jacobabad	000	0	0	16	03	97	01	0	994	96	0	0	9	0	0	80	99
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonemarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **																	
	Aliabad *																	
	Gilgit *																	
Rawalpindi	Murree *	100	2	6	31	02	98	02	9	454	63	5	5	5	0	0	61	72
Peshawar	Drosh *	000	5	3	23	10	97	01	2	431	87	3	2	7	0	0	41	92
	Cherat *	000	0	0	18	01	98	02	0	384	85	0	0	9	0	0	85	92
	Kakul *	000	2	2	16	03	97	01	9	448	81	2	2	6	0	0	61	84
	Landikotal *	000	0	1	13	03	98	01	0	429	86	1	1	7	0	0	59	89
	Parachinar *	000	0	4	00	00	99	03	0	450	80	4	1	9	1	0	39	77
D. I. Khan	Miranshah *	000	0	2	05	05	98	01	1	438	89	2	4	8	0	0	82	90
	Wana *	000	0	4	00	00	98	01	1	505	84	4	1	9	0	0	55	89
Quetta	Fort Sandeman *	000	0	5	09	09	98	03	0	439	87	5	2	6	0	0	53	95
	Hindubagh *	000	0	0	11	07	97	00	0	406	85	0	0	9	0	0	45	88
	Loralai *	000	8	4	20	03	99	00	1	423	88	0	0	9	1	1	56	90
	Harnai *	000	0	0	23	05	97	00	0	421	93	0	0	9	0	0	49	94
	Quetta *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chaman *	000	0	0	27	07	98	00	0	413	90	0	0	9	0	0	29	91
	Nushki *	000	0	0	27	05	98	02	0	473	94	0	0	9	0	0	43	96
	Dalbandin *	000	0	0	23	05	95	05	0	441	98	0	0	9	0	0	43	00
Kalat	Kalat *	000	0	0	34	05	97	00	0	424	80	0	0	9	0	0	62	87
	Panjgur *	000	0	0	36	06	96	02	0	436	96	0	0	9	0	0	42	99
Afghanistan	Kabul *																	
	Kandhar *																	

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 1962 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1962 to date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	000	9	6	18	02	98	05	9	049	85	3	8	6	7	9	77	80	—	—	—	—	—	—
	Cox's Bazar	000	3	7	13	05	97	02	6	033	83	3	4	5	7	0	77	77	×	+ 1	94.2	—10.0	105.0	147
	Chittagong	000	0	5	11	01	97	02	2	048	84	2	2	6	1	2	75	79	+ 3	+ 2	—	—	—	108
	Maijdee Court	003	9	6	13	05	97	03	6	037	85	4	2	5	2	x	78	xx	+ 12	×	73.3	— 5.2	92.8	101
	Comilla	000	0	8	13	09	97	02	2	026	84	8	4	6	x	x	80	79	+ 2	+ 2	48.6	— 0.5	61.8	94
	Brahmanbaria	000	0	4	13	02	97	03	1	039	87	2	5	5	4	0	75	81	—	—	43.7	— 0.8	61.1	78
	Sylhet	104	0	6	09	05	96	02	2	042	85	2	8	6	6	1	76	76		—	92.4	+	119.5	—
	Srimangal	000	0	4	00	00	96	02	2	044	83	4	0	4	6	0	77	76		+ 1	—		—	98
Dacca	Mymensingh	000	0	4	13	05	97	02	1	046	85	2	4	4	4	0	76	80	+ 1	+ 2	46.5	—11.6	62.5	91
	Narayanganj	042	0	6	13	05	97	03	6	036	81	3	4	2	0	8	77	79	×	0	43.0	— 2.0	60.3	74
	Dacca (Tejgaon)	064	3	6	13	02	97	02	6	030	83	8	5	4	2	1	79	78	—	—	51.2	—	56.1	—
	Faridpur	024	0	7	16	03	97	02	6	032	83	4	5	6	1	0	77	79	+ 1	+ 1	33.4	—10.2	46.9	71
Khulna	Barisal	012	9	8	09	05	97	02	6	030	86	6	7	6	4	0	79	81	— 1	+ 3	—	—	—	81
	Khulna	000	0	5	00	00	96	02	2	025	86	5	5	5	0	0	80	77	—	0	—	—	—	68
	Satkhira	043	9	6	00	00	97	03	6	036	87	2	8	6	2	0	80	78	— 1	+ 1	—	—	—	65
	Jessore	000	0	8	09	07	96	03	2	025	85	7	5	5	5	2	79	78	—	—	—	—	—	65
Rajshahi	Pabna	099	5	7	05	05	98	01	6	073	83	7	8	7	0	0	78	77	—	—	—	—	—	59
	Sirajganj	015	2	7	00	00	97	02	5	034	80	7	0	9	4	0	79	77	— 2	— 1	37.7	— 3.8	50.7	64
	Bogra	016	1	7	09	05	96	21	6	xxx	81	6	4	5	0	1	79	80	— 4	+ 2	36.1	— 9.8	49.8	69
	Dinajpur	004	1	3	00	00	96	02	0	029	87	3	0	9	2	0	77	78	+ 6	0	42.6	— 8.7	49.8	72
	Rangpur	000	0	3	09	05	96	03	0	043	87	3	2	6	0	0	79	79	+ 4	+ 2	43.1	—13.6	65.3	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	13	02	96	01	0	030	83	0	0	9	0	2	73	79	— 4	+ 7	10.3	— 3.9	16.7	19
	Sialkot	000	0	0	00	00	97	00	0	033	83	0	0	9	0	0	71	77	— 3	+ 3	22.1	— 0.6	26.5	32
Rawalpindi	Jhelum	000	0	1	00	00	97	01	0	025	94	1	0	9	3	0	72	79	—	—	21.4	—	27.4	—
	Rawalpindi	000	0	0	09	02	98	00	0	021	83	0	0	9	0	0	69	74	+ 1	+ 5	26.6	+ 3.8	33.2	36
	Campbellpur	000	0	0	13	02	98	00	0	968	84	0	0	9	0	0	72	84	—	—	9.6	—	17.9	—
Sargodha	Khushab	000	0	0	05	05	98	00	0	019	84	0	0	9	0	0	83	80	+ 2	+ 4	2.4	— 7.4	7.3	15
	Lyallpur	000	0	0	00	00	96	00	0	024	85	0	0	9	0	0	76	83	+ 1	+ 9	5.9	— 3.1	9.7	12
Multan	Montgomery	000	0	0	00	00	96	02	0	025	86	0	0	9	0	0	75	81	— 1	+ 6	8.1	— 1.1	11.2	10
	Multan	000	0	0	18	03	98	02	0	014	87	0	0	9	0	0	72	84	+ 3	+ 7	1.2	— 3.5	2.9	7
	Leiah	000	0	0	00	00	98	00	0	023	85	0	0	9	0	0	72	79	—	—	1.9	—	3.5	8
Bahawalpur	Khanpur	000	0	0	00	00	96	02	0	015	83	0	0	9	0	0	77	77	— 1	+ 2	6.2	+ 1.4	7.2	6
	Bahawalpur	000	0	0	13	02	98	00	0	022	87	0	0	9	0	0	77	86	0	+ 12	2.9	— 1.3	3.6	6
	Fort Abbas	000	0	0	18	02	98	00	0	010	90	0	0	9	0	0	76	xx	—	—	0.6	—	0.9	8
Peshawar	Chakdara	000	0	0	36	02	97	00	0	034	75	0	0	9	0	0	63	71	—	—	6.8	—	16.1	—
	Peshawar	000	0	0	00	00	97	02	0	016	00	0	0	9	0	0	69	77	— 2	+ 6	1.7	— 2.5	8.3	11
	Haripur	000	0	0	05	02	97	00	0	022	79	0	0	9	0	0	68	72	—	—	20.1	—	26.7	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	011	84	0	0	9	0	0	69	76	—	—	2.0	—	5.0	11
	D. I. Khan	000	0	0	13	02	98	00	0	015	83	0	0	9	0	0	77	77	0	+ 2	1.6	— 3.7	4.4	9
Quetta	Sibi	000	0	0	23	02	98	00	0	024	86	0	0	9	0	0	74	82	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	0	0	34	09	97	02	0	020	80	0	0	9	0	0	20	70	—	—	0	—	0.1	2
	Turbat	000	0	0	27	02	97	00	0	019	82	0	0	9	0	0	75	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	4	13	03	96	01	2	033	82	4	6	4	0	0	73	78	—	—	1.2	—	1.8	5
	Pasni	000	8	8	23	04	95	02	1	021	83	0	0	9	4	3	78	83	+ 2	+ 10	0	— 0.9	0.2	6
Karachi Division	Ormara	000	0	4	00	00	93	03	1	012	81	4	1	5	0	0	80	78	—	—	0.1	— 0.7	2.0	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
	Karachi (Manora)	000	0	0	27	09	96	02	0	025	82	0	0	9	0	0	76	79	+ 4	+ 2	—	—	—	8
	Karachi (Airport)	000	0	0	00	00	96	02	0	030	80	0	0	9	0	0	76	77	—	—	10.7	—	10.7	—
Hyderabad	Nagarparkar	000	0	0	31	02	97	00	0	028	81	0	0	9	0	0	72	xx	—	—	10.3	—	10.3	—
	Umerkot	000	0	3	25	01	97	02	0	021	80	0	0	8	0	8	76	77	—	—	7.2	—	7.4	—
	Hyderabad	000	0	0	20	03	97	10	0	022	79	0	0	9	0	0	75	77	— 4	+ 1	15.6	+ 9.7	16.2	7
	Badin	000	0	0	23	02	97	00	0	025	81	0	0	9	0	0	77	77	+ 1	+ 1	6.5	— 0.7	7.2	9
Khairpur	Padidan	000	0	0	23	02	98	02	0	019	81	0	0	9	0	0	75	77	—	—	2.8	—	3.4	—
	Nawabshah	000	0	0	13	02	96	02	0	016	81	0	0	9	0	0	76	xx	—	—	2.8	—	3.2	—
	Sukkur	000	4	4	23	02	97	03	1	012	85	0	0	9	0	3	76	82	—	—	2.5	—	2.5	4
	Kashmore	000	0	0	00	00	99	00	0	022	86	0	0	9	0	0	69	63		—	0.5	—	0.5	—
	Jacobabad	000	0	0	23	02	97	02	0	020	85	0	0	9	0	0	81	82	— 4	+ 6	2.0	— 0.2	2.9	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonemarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							
	Gilgit *																							5
Rawalpindi	Murree *	100	9	4	31	02	98	01	9	464	59	4	5	5	0	0	56	55	+ 3	— 1	29.5	— 4.5	47.5	59
Peshawar	Drosh *	000	0	3	00	00	98	03	0	469	69	3	0	9	5	0	51	66	+ 4	+ 2	4.5	—	16.5	18
	Cherat *	000	0	0	18	01	98	02	0	413	73	0	0	9	0	0	71	65	+ 8	0	11.7	+ 0.1	35.9	29
	Kakul *	000	9	[illegible]	27	02	97	01	1	462	73	1	2	6	0	0	62	67	—	—	27.8	—	33.4	—
	Landikotal *	000	0	0	00	00	97	00	0	448	79	0	0	9	0	0	63	70	—	—	4.2	—	20.3	—
	Parachinar *	000	0	0	00	00	99	00	0	446	60	0	0	9	0	0	51	69	— 3	+ 1	11.4	—	24.9	29
D. I. Khan	Miranshah *	000	0	0	00	00	99	00	0	446	77	0	0	9	0	0	73	73	—	—	1.1	— 3.2	29.5	13
	Wana *	000	0	0	00	00	98	00	0	509	68	0	0	9	0	0	54	63	—	—	4.6	—	12.9	11
Quetta	Fort Sandeman *	000	0	0	00	00	99	01	0	468	77	0	0	9	0	0	59	71	+ 4	+ 7	5.5	+ 0.6	10.2	11
	Hindubagh *	000	0	0	27	02	97	00	0	430	64	0	0	9	0	0	32	56	—	—	0.8	—	4.6	—
	Loralai *	000	0	0	31	03	99	00	0	416	70	0	0	9	0	0	55	61	—	—	1.1	—	4.6	9
	Harnai *	000	0	0	00	00	97	00	0	429	78	0	0	9	0	0	63	xx	—	—	5.7	— 1.6	8.8	14
	Quetta *	000	0	0	00	00	96	00	0	455	68	0	0	9	0	0	47	60		—	0.1	— 0.9	4.3	9
	Chaman *	000	0	0	09	05	98	00	0	642	72	0	0	9	0	0	28	66	+ 1	+ 4	0	— 0.2	1.3	8
	Nushki *	000	0	0	09	05	98	02	0	409	79	0	0	9	0	0	27	71	—	—	0	—	0.3	—
	Dalbandin *	000	0	0	00	00	95	05	0	433	63	0	0	0	0	0	31	59	+ 1	— 4	0	— 0.2	1.1	4
Kalat	Kalat *	000	0	0	18	03	96	00	0	455	64	0	0	9	0	0	52	54	+ 4	+ 7	0.2	— 1.0	2.2	7
	Panjgur *	000	0	0	05	04	97	02	0	441	67	0	0	9	0	0	37	64	+ 5	+ 1	0.3	—	1.3	5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

TUESDAY THE 18th SEPTEMBER, 1962.
WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_oL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Oronsay	23 095	761 00	3 25 10	98 0 11	083 80	12 5 10	37 2 04	—	00 0 75	12 5 42
Shams	23 228	682 00	8 24 12	96 0 32	xx0 82	x7 x 77	76 1 xx	...	00 1 74	12 4 22
Suhomaru	23 264	689 00	5 25 11	98 0 24	080 81	28 4 50	35 3 05	...	05 1 72	12 5 22
Marlekerk	23 208	594 06	8 22 10	98 0 22	045 76	85 4 xx	54 2 13	...	05 2 21	12 2 22
Sirdhana	23 249	619 12	0 17 13	98 0 20	001 82	00 0 00	25 7 15	...	00 2 77	12 0 32
Caltex Amsterdam	23 210	594 42	0 20 13	97 1 13	015 77	00 9 00	xx x xx	...	05 0 72	12 0 21
Marlekerk	23 208	589 12	0 20 13	98 0 21	008 77	00 9 00	54 7 16	...	00 1 72	12 0 22
Glengarry	23 066	706 18	3 27 10	98 0 11	097 82	32 5 01	...	...	...	...
Kempla	23 162	634 18	5 25 13	98 0 31	067 81	48 4 70	45 1 12	...	05 1 79	12 5 48
Sirdhana	23 248	634 18	1 24 05	99 0 20	035 82	1x x xx	25 2 20	...	05 2 74	12 4 xx
Venessa	23 244	582 18	0 14 05	98 0 20	004 85	00 9 00	34 4 00	...	05 3 81	11 4 23
Caltex Amsterdam	23 226	598 48	0 20 07	96 0 20	024 76	00 9 00	xx x xx	...	05 2 74	12 0 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPP TTTTdTdTd	1000mb	900mb	850mb	800mb	700mb	600mb	500mb	400mb	300mb	200mb	150mb	100mb
			HHHTTTTdTdTd											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra ...														
Chittagong ...														
Dacca ...	00 00	015 268 228	...	...	139 178 162	...	309 118 102	439 068 028	585 555 592	757 655 992	...			
Jiwani ...														
Karachi ...	00 00	999 252 238	020 xxx xxx	...	140 205 085	..	309 118 995	435 510 993	580 550 990	753 645 995	965 785	242 000	425 [illegible]	681 020
Lahore ...	00 00	978 268 242	020 xxx xxx	MISDA	...	..	...	...	...	...	...			
Multan ...														
Peshawar ...														
Quetta ...	00 00	827 210 120	MISDA	...	..	..	..	...	...	...	...			

STATION	Time of ascent in G.M.T.	At Significant Levels: PPPTTTTdTdTd							Max. Height Reached PPPTTTTdTdTd	TROPOPAUSE st. HHHHTT	TROPOPAUSE st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra													
Chittagong													
Dacca ...	00 00	001 282 268	900 222 222	800 170 160	543 002 542	315 010 010	..	...	...	...	315 010 010	...	
Jiwani													
Karachi ...	00 00	900 232 198	800 180 080	...	..	...	...	...	...	...	800 180 080	...	
Lahore ...	00 00	MISDA			...	...			...	...		...	
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. →	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 ...	16 12	14 16	12 17	13 17	14 21	14 19	14 23	14 17	11 12
Chaklala ...	...	26 04	27 04	28 04	29 05	31 10	32 08	...	...
Chhor ...	20 05	20 04	18 04	07 04	05 09	06 16	35 15	32 06	34 06
Chittagong ...	18 15	16 17	14 15	15 20	...	...	...	...	...
Cox's Bazar ...	16 21	16 23	16 23	...	...	...	...	...	...
Dacca ...	14 15	14 19	15 21	15 21	xx xx	14 21	25 18	15 17	...
Dalbandin ...	...	...	23 16	02 05	24 07	28 12	29 07	29 10	24 08
D.I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 11	20 14	19 04	...	...
Fort Sandeman ...	...	...	...	10 05	30 04	...	...	...	...
Jacobabad ...	15 05	13 05	12 06	10 06	11 04	05 02	27 10	29 04	30 03
Jessore ...	12 12	12 14	13 10	...	...	...	...	...	...
Jhelum ...	20 01	22 02	23 04	29 10	31 11	33 13	33 12	20 23	31 27
Jiwani ...	22 05	27 02	26 03	30 06	01 10	34 20	02 30	28 12	23 15
Karachi ...	23 10	28 07	36 07	07 10	06 09	08 13	02 08	30 09	...
Khanpur ...	27 07	23 06	23 06	16 13	15 13	06 05	02 12	33 07	32 12
Lahore ...	15 02	18 03	18 02	31 13	31 13	34 13	36 12	33 11	30 12
Multan ...	17 07	17 09	17 09	18 07	16 04	35 05	32 06	35 09	32 16
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	36 04	36 06	36 11	23 05	25 05	23 05
Peshawar ...	...	...	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	24 02	32 05	17 02	26 04	27 05
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	28 02	18 06	28 06	20 07	16 07	16 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
STATION	11	12	13	14	15	16
Bogra ...	12 06	12 13	13 13	13 13	13 14	14 15
Chaklala ...	...	10 10	12 10	34 03	31 10	31 08
Chhor ...	27 13	24 08	20 07	12 12	12 13	03 23
Chittagong ...	16 14	17 20	17 15	15 17	...	...
Cox's Bazar ...	16 11	17 15	17 16	...	...	...
Dacca ...	13 15	14 15	...	...	...	...
Dalbandin ...	...	...	08 10	05 12	15 06	32 19
D.I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	26 04	29 04	17 04
Fort Sandeman ...	...	...	...	22 02	23 05	17 02
Jacobabad ...	21 06	17 02	21 03	20 04	26 01	02 06
Jessore ...	12 12	...	...	...	...	...
Jhelum ...	...	...	...	...	...	...
Jiwani ...	...	...	...	...	...	...
Karachi ...	...	...	...	...	...	...
Khanpur ...	27 15	27 16	26 14	24 07	18 09	...
Lahore ...	20 12	24 06	28 08	31 05	34 08	34 11
Multan ...	15 11	16 11	21 11	22 14	23 11	30 09
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	24 07	27 02	36 18
Peshawar ...	...	31 05	22 02	23 07	25 06	28 06
Quetta ...	...	...	...	...	34 01	31 07
Sharjah ...	...	...	...	...	...	...
Sylhet ...	13 04	13 03	12 07	16 06	12 01	07 10
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 ...	12 10	12 13	13 18	13 22	13 20	...	...	...	...	...	...
Chaklala ...	...	14 02	03 01	31 07	30 09	32 10	20 01	28 08	21 15	25 23	...
Chhor ...	23 05	24 03	17 03	12 08	17 14	06 13	05 19	09 09	03 15	13 04	...
Chittagong ...	16 07	15 08	16 10	16 15	16 19	15 15	...	...	...	...	...
Cox's Bazar ...	16 09	16 12	16 13	15 11	...	...	...	...	...	...	...
Dacca ...	13 12	15 12	15 15	14 26	...	...	...	...	...	...	...
Dalbandin ...	...	...	08 06	02 05	32 04	36 15	36 38	36 19	01 11	23 14	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 03	23 03	16 01	35 03	12 01	...	...
Fort Sandeman ...	...	...	...	34 05	01 12	23 10	21 07	17 04	21 15	24 21	...
Jacobabad ...	24 02	21 03	20 04	20 04	21 03	10 04	19 04	35 02	35 05	22 03	31 06
Jessore ...	11 06	10 06	...	...	...	...	...	...	...	...	...
Jhelum ...	15 01	19 02	28 05	29 07	30 10	35 13	01 04	27 05	26 11	27 13	27 22
Jiwani ...	11 05	...	...	...	...	...	...	...	...	...	...
Karachi ...	28 07	29 07	34 09	...	...	...	...	...	...	...	...
Khanpur ...	25 05	22 05	22 07	19 08	27 05	05 02	36 09	06 15	06 11	...	...
Lahore ...	17 03	17 05	19 04	31 05	33 10	33 10	02 08	34 15	34 17	34 05	29 13
Multan ...	17 04	18 08	19 08	18 06	10 03	27 04	04 08	23 04	22 08	25 07	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	33 09	33 16	36 11	01 27	27 03	16 06	22 03	...
Peshawar ...	...	01 07	33 03	31 05	29 06	31 08	30 13	30 11	29 02	27 23	24 33
Quetta ...	...	...	...	...	27 02	03 03	20 15	16 17	17 17	32 12	23 19
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	20 07	22 05	29 02	08 08	11 08	12 05	xx xx	xx xx	09 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 ...	14 14	14 17	14 15	14 14	14 16	13 17	17 13	22 13	21 11	15 10	16 13							
Karachi ...	28 14	28 12	35 11	02 11	05 11	05 08	06 11	04 10	04 09	36 10	04 08	09 04	09 08	11 10	13 09	11 13	...	...
Peshawar ...																		
Quetta ...																		

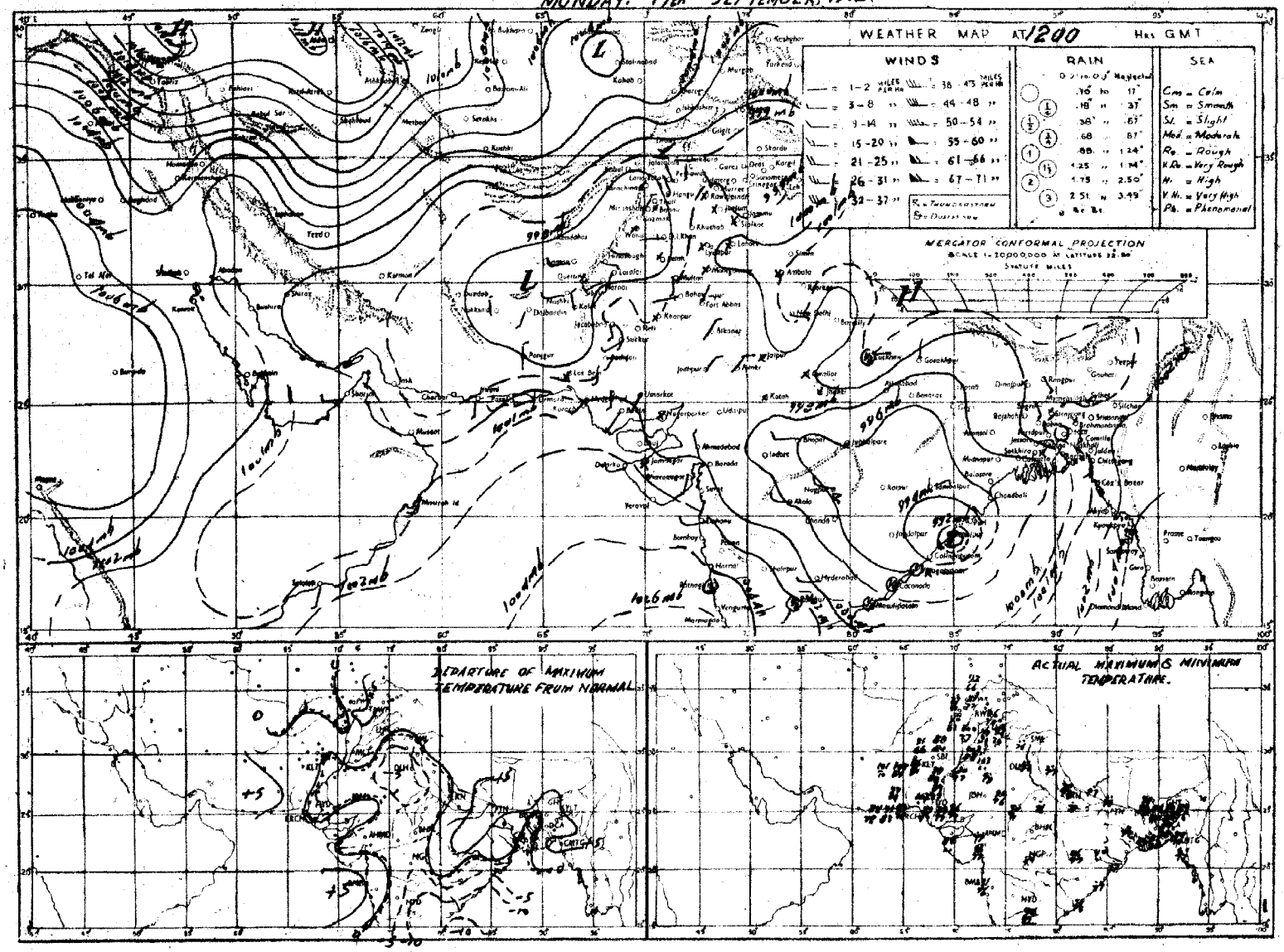
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd VrVr etc.)

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

PAKISTAN DAILY WEATHER MAP

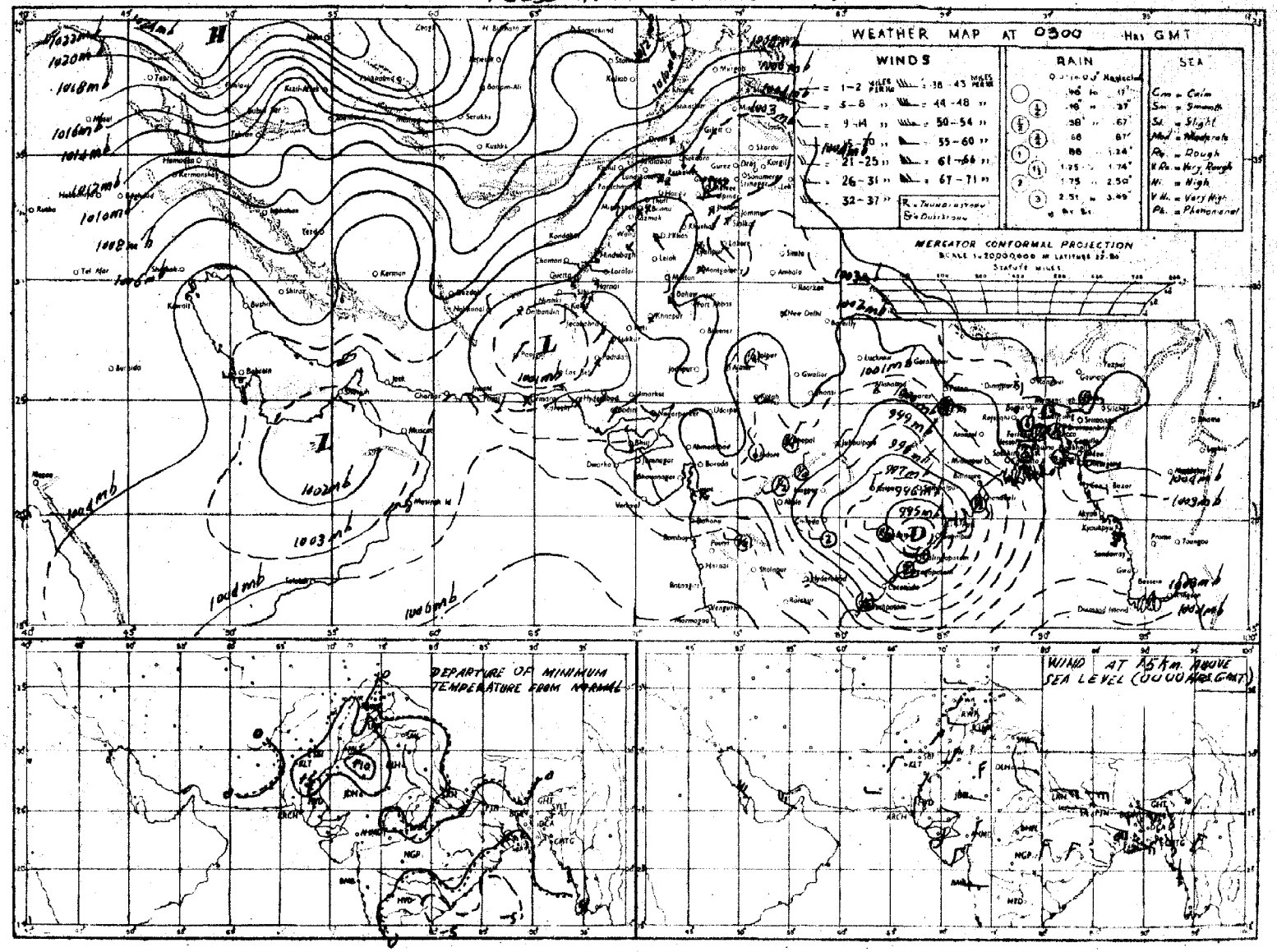
MONDAY. 17th SEPTEMBER, 1962.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY, 10th SEPTEMBER, 1962.



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. 16

WEDNESDAY THE 19th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's deep depression moved westnorthwestwards and was centred last evening near Raipur. Continuing to move in the same direction it is centred this morning at 19,0300 GMT about 30 miles west of Senoi. It is likely to move northwestwards and gradually weaken.

Local thunderstorms/showers have been reported from Dacca division and scattered from Chittagong and Khulna divisions. Light rain has also fallen in Rajshahi division. Jessore recorded 3/4" and Narayanganj 1/2" of rainfall.

A westerly low pressure wave is moving across Peshawar division and adjoining areas and has caused a few thunderstorms in Peshawar division.

Day temperatures were 3—6 °F (2—3 °C) above normal in the northern areas of East Pakistan and in Rawalpindi and Peshawar divisions.

Forecast valid until the evening of 20th September, 1962:—Rain/thundershowers will be fairly widespread in Lahore, Rawalpindi divisions and Kashmir and local in East Pakistan, Peshawar, Sargodha and Multan divisions. Scattered thunderstorms/showers are also likely to occur in Bahawalpur, Hyderabad and Khairpur divisions.

Karachi-11
The 19th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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 †	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 1962 to date	Departure from normal	Since 1st January, 1962 to date	Annual Normal
		RRR	Wx	N	dd	ff	vv	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TxTx	RRR	Wx	N	d	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnTn	TxTx	TnTn				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	1	4	00	00	97	05	9	075	85	2	8	6	7	0	78	94																							
	Cox's Bazar	000	5	7	20	05	97	02	2	011	83	3	4	5	4	8	79	86	000	0	7	00	00	97	03	2	030	84	3	8	5	5	8	78	78	—	1	+ 2	94.2	—10.4	105.0	140
	Chittagong	013	5	5	18	03	97	01	6	005	83	1	1	6	2	2	77	88	013	0	4	05	02	97	01	1	028	87	1	1	6	0	0	79	80	+ 1	+ 3	—	—	—	108
	Majdee Court	030	9	6	18	02	96	03	0	011	84	4	2	6	2	0	78	89	000	9	2	00	00	97	01	0	042	87	2	1	5	0	0	79	80	+ 2	+ 2	73.3	— 5.8	92.8	101
	Comilla	000	0	8	00	00	96	01	2	986	87	8	4	4	x	x	81	91	000	0	5	00	00	97	02	2	021	88	5	4	6	0	0	78	80	+ 3	+ 3	48.6	—10.9	61.8	94
	Brahmanbaria	000	0	4	18	02	97	03	1	007	86	3	4	5	0	8	79	90	000	0	4	05	02	97	03	1	043	88	2	4	5	0	4	78	82	—	—	43.7	— 1.2	61.1	78
	Sylhet	000	0	0	00	00	96	02	2	005	87	2	1	6	2	1	80	91	000	0	0	00	00	97	02	2	043	88	1	6	6	6	9	78	79	—	—	92.5	—	119.5	—
	Srimangal	000	0	0	00	00	96	00	0	003	88	0	0	9	0	0	77	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 2	—				98
Dacca	Mymensingh	000	0	4	13	02	97	02	1	013	88	0	0	9	0	4	78	92	000	0	0	13	02	98	00	0	052	88	0	0	9	0	0	77	81	+ 4	+ 3	46.5	— 7.9	62.5	91
	Narayanganj	053	2	6	13	02	96	03	9	005	85	3	4	2	3	8	79	90	053	9	5	07	02	97	03	1	043	90	x	x	9	x	x	77	81	+ 2	+ 2	43.6	— 1.8	60.9	74
	Dacca (Tejgaon)	039	5	4	13	02	97	02	6	002	84	2	3	5	4	3	78	88	009	0	4	00	00	97	01	2	038	88	3	4	4	0	1	78	79	—	—	51.3	—	56.2	—
	Faridpur	000	0	5	16	03	96	02	2	003	86	3	4	6	1	0	79	89	013	0	4	16	02	97	02	1	041	88	2	5	7	1	0	78	80	+ 2	+ 2	33.6	—10.4	47.0	71
Khulna	Barisal	000	0	4	00	00	97	02	2	007	86	4	7	6	0	0	76	89	000	0	6	18	05	97	02	2	044	89	6	0	9	4	0	79	82	+ 1	+ 4	—	—	—	81
	Khulna	000	0	4	13	03	97	01	2	999	86	4	5	6	0	0	79	xx	000	0	6	00	00	97	01	2	050	88	6	5	6	0	0	80	81	—	—	—	—	—	68
	Satkhira	000	0	6	00	00	97	03	2	020	85	4	4	4	2	0	78	90	000	0	6	00	00	97	03	2	055	89	2	4	4	2	0	79	79	+ 1	+ 2	—	—	—	65
	Jessore	071	6	6	09	03	96	03	6	010	85	4	4	5	6	0	78	86	071	0	6	05	03	97	02	2	045	85	6	5	6	0	0	81	78	—	—	—	—	—	65
Rajshahi	Pabna	008	2	6	13	02	98	04	6	994	85	1	2	7	4	2	80	91	008	9	4	09	05	95	03	9	037	87	2	2	7	0	2	79	78	—	—	—	—	—	59
	Sirajganj	000	0	2	00	00	97	02	1	002	86	2	1	5	4	0	79	89	000	0	0	00	00	99	00	0	043	87	0	0	9	0	0	79	79	+ 2	+ 1	37.7	— 4.1	50.7	64
	Bogra	000	0	5	00	00	96	02	2	999	87	3	4	5	1	1	78	91	000	0	4	13	02	96	03	0	043	90	3	5	5	1	1	79	81	+ 3	+ 3	36.1	—10.2	49.8	69
	Dinajpur	000	8	1	00	00	95	00	1	000	88	1	0	9	4	x	80	93	008	9	5	00	00	96	02	0	052	82	5	0	9	2	0	78	77	+ 5	— 1	42.7	— 9.2	49.9	72
	Rangpur	000	0	3	00	00	96	03	0	002	88	2	2	6	1	0	79	91	000	0	4	09	02	96	01	2	059	83	4	0	9	2	0	79	80	+ 3	+ 3	43.1	—14.0	65.3	84
Kashmir	Jammu																																								—
Lahore	Lahore (Jail Rd.)	000	0	1	00	00	96	02	0	985	95	1	1	7	0	0	75	97	000	6	1	13	02	96	01	1	029	86	1	0	9	1	0	77	82	— 1	+ 10	10.3	— 3.9	16.7	19
	Sialkot	000	0	0	00	00	97	00	0	972	97	0	0	9	0	0	73	98	000	0	4	05	02	97	01	0	029	84	4	5	6	x	0	78	78	— 3	+ 4	22.1	— 0.7	26.5	32
Rawalpindi	Jhelum	000	0	1	27	02	97	02	0	974	97	1	1	7	0	0	74	99	000	0	1	09	03	97	01	0	026	85	1	0	9	0	0	76	80	—	—	21.3	—	27.4	—
	Rawalpindi	000	0	0	25	03	99	00	0	986	93	0	0	9	0	0	68	98	000	0	0	05	02	98	00	0	021	87	0	0	9	0	0	71	76	+ 4	+ 7	26.5	+ 3.7	33.2	36
	Campbellpur	000	0	0	13	02	98	00	0	965	86	0	0	9	0	0	73	99	000	0	0	13	02	98	00	0	046	79	0	0	9	0	0	76	83	—	—	9.6	—	17.9	—
Sargodha	Khushab	000	0	0	13	03	98	00	0	974	00	0	0	9	0	0	84	03	000	0	0	09	03	98	00	0	023	83	0	0	9	0	0	80	80	+ 4	+ 4	2.4	— 7.5	7.3	15
	Lyallpur	000	0	5	27	02	97	02	3	985	00	5	9	0	4	0	68	00	000	0	5	00	00	96	02	3	036	85	5	0	9	4	0	76	84	+ 2	+ 10	5.9	— 3.1	9.7	12
Multan	Montgomery	000	0	1	00	00	96	02	1	990	98	1	1	8	0	0	72	01	000	0	2	18	03	96	00	0	022	86	0	0	9	0	1	76	81	+ 1	+ 6	8.1	+ 1.1	11.2	10
	Multan	000	0	0	18	02	98	02	0	976	01	0	0	9	0	0	65	04	000	0	0	18	03	98	02	0	010	90	0	0	9	0	0	71	85	+ 8	+ 8	1.2	— 3.6	2.9	7
	Lodhi	000	0	1	13	04	98	00	0	984	02	0	0	9	1	0	71	06	000	0	3	18	04	98	03	0	019	99	0	0	9	2	0	73	78	—	—	1.7	—	3.5	8
Bahawalpur	Khanpur	000	0	1	00	00	96	02	0	975	99	1	1	6	0	0	73	01	000	0	0	12	02	95	05	0	008	88	0	0	9	0	0	73	79	—	+ 4	6.2	+ 1.4	7.1	6
	Bahawalpur	000	0	0	23	01	98	00	0	970	00	0	0	9	0	0	79	03	000	0	2	00	00	98	00	0	081	90	0	0	9	0	0	76	xx	+ 3	x	2.9	— 1.3	3.6	6
	Fort Abbas	000	0	0	05	02	98	00	0	977	00	0	0	9	0	0	73	03	000	0	0	00	00	98	00	0	031	67	0	0	9	0	0	74	80	—	—	0.6	—	0.9	8
Peshawar	Chakdara	000	0	0	18	02	97	00	0	946	90	0	0	9	0	0	66	94	000	0	0	36	02	97	00	0	011	78	0	0	9	0	0	64	71	—	—	6.8	—	16.1	—
	Peshawar	000	0	2	05	02	97	01	2	991	95	2	1	6	3	0	68	96	000	0	1	00	00	96	05	1	020	82	1	1	6	0	0	70	77	— 1	+ 6	1.7	— 2.5	8.3	11
	Haripur	000	0	0	27	01	97	00	0	972	94	0	0	9	0	0	66	95	000	0	4	13	02	97	01	1	020	82	4	0	9	5	0	67	73	—	—	20.1	—	26.7	—
D. I. Khan	Bannu	000	0	6	00	00	99	03	0	971	97	0	0	9	0	3	63	99	000	0	0	00	00	99	00	0	010	83	0	0	9	0	0	69	77	—	—	2.0	—	5.0	11
	D. I. Khan	000	0	0	00	00	98	00	0	976	99	0	0	9	0	0	69	02	000	0	0	00	00	98	00	0	986	83	0	0	9	0	0	71	77	+ 2	+ 2	1.6	— 3.7	4.4	9
Quetta	Sibi	000	0	2	18	02	98	01	1	970	03	0	0	9	2	1	61	06	000	0	0	00	00	98	00	0	013	84	0	0	9	0	0	67	81	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	0	0	34	09	97	02	0	971	00	0	0	9	0	0	25	03	000	0	3	23	05	97	01	2	046	76	0	0	9	0	2	36	74	—	—	0	—	0.1	2
	Turbat	000	0	0	27	05	98	00	0	971	04	0	0	9	0	0	74	06	000	0	0	27	02	97	00	0	039	81	0	0	9	0	0	74	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	0	18	10	97	02	0	005	85	0	0	9	0	0	75	87	000	0	2	18	03	96	01	1	012	80	2	6	4	0	0	73	77	—	—	1.2	—	1.9	5
	Pasni	000	8	4	23	10	96	02	2	983	84	0	0	9	3	0	81	90	000	0	8	23	02	96	03	4	021	79	8	4	7	0	0	78	77	+ 1	+ 4	0	— 0.9	0.2	6
Karachi Division	Ormara	000	0	0	27	10	94	00	0	990	86	0	0	9	0	0	77	88	000	0	2	27	07	94	03	0	015	81	2	1	5	0	0	77	78	—	—	0.1	— 0.7	2.0	6
	Lasbela	000	0	4	00	00	98	04	0	968	87	4	0	9	4	0	84	06	000	0	4	09	02	98	04	0	955	98	4	0	9	4	0	75	81	—	—	—	—	—	8
	Karachi (Manora)	000	0	0	25	12	96	02	0	998	85	0	0	9	0	0	79	88	000	0	3	27	07	96	01	1	018	82	3	6	4	0	2	75	80	+ 3	+ 3	—	—	—	8
	Karachi (Airport)	000	0	1	23	09	96	01	2	998	85	1	5	6	0	0	78	89	000	0	4	27	10	96	03	0	019	84	0	1	3	0	1	77	78	—	—	10.7	—	10.7	—
Hyderabad	Nagarparkar	000	0	0	36	01	97	00	0	968	95	0	0	9	5	0	70	97	000	0	4	31	03	97	00	0	998	82	0	0	8	0	4	75	xx	—	—	10.3	—	10.3	—
	Umerkot	000	0	0	25	03	98	02	0	982	98	0	0	9	0	0	74	99	000	0	0	xx	xx	97	02	0	011	82	0	0	9	0	0	78	78	—	—	7.2	—	7.3	—
	Hyderabad	000	0	0	20	02	97	01	0	997	93	0	0	9	0	0	73	95	000	0	5	10	03	97	02	2	008	83	0	0	9	0	1	76	79	— 2	+ 3	15.6	— 9.7	16.2	7
	Badin	000	0	0	23	02	97	00	0	001	xx	0	0	9	0	0	75	94	000	0	0	00	00	97	00	0	032	82	0	0	9	0	0	76	78	— 1	+ 2	6.5	— 0.7	7.1	9
Khairpur	Padidan	000	0	0	18	05	98	02	0	978	99	0	0	9	0	0	68	00	000	0	0	00	00	97	02	0	006	86	0	0	9	0	0	77	77	—	—	2.8	—	3.4	—
	Nawabshah	000	0	0	18	03	96	02	0	994	98	0	0	9	0	0	74	99	000	0	4	13	02	96	02	0	014	85	0	0	9	0	4	75	77	—	—	2.8	—	3.7	—
	Sukkur	000	0	0	05	02	97	02	0	977	00	0	0	9	0	0	75	04	000	0	2	23	02	97	01	0	005	89	0	0	9	0	3	76	82	—	—	2.5	—	2.5	4
	Kashmore	000	0	0	00	00	99	00	0	024	95	0	0	9	0	0	64	94	000	0	0	00	00	99	00	0	024	88	0	0	9	0	0	72	83	—	—	0.5	—	0.5	—
	Jacobabad	000	0	0	13	02	97	01	0	980	99	0	0	9	0	0	80	99	000	0	4	00	00	96	03	0	006	88	4	0	9	4	0	81	83	— 4	+ 7	2.0	— 0.2	2.9	4
Junagadh	Veraval																																								20
Afghanistan	Jalalabad																																								
Arabia	Muscat																																								4
	Kuwait																																								5
	HILL STATIONS																																								
Kashmir	Srinagar **	xxx	x	3	27	01	96	01	1	419	79	1	1	6	6	0	54	xx	xxx	x	5	18	02	97	02	0	454	54	2	8	6	6	1	52	xx	—	—				26
	Gulmarg **																																								—
	Sonamarg **																																								71
	Dras **																																								26
	Leh **																																								3
	Skardu *	000	8	4	00	00	97	01	2	325	79	3	2	6	3	0	39	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					6
	Misgar **	000	0	2	16	02	98	01	0	070	67	2	2	8	0	0	30	73	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Alinbad *																																			—					
	Gilgit *	000	0	4	00	00	99	01	1	420	77	4	5	8	0	0	58	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					5
Rawalpindi	Murree *	000	9	2	31	02	98	01	1	435	69	2	5	5	0	0	60	72	000	9	2	00	00	99	01	1	472	63	2	5	5	1	0	57	57	+ 3	+ 1	29.4	— 4.7	47.5	59
Peshawar	Drosh *	000	5	4	23	09	97	01	2	410	89	4	8	7	0	0	43	94	005	4	7	00	00	97	95	9	483	65	7	9	7	0	0	57	62	+ 6	— 2	9.6	—	16.5	18
	Cherat *	000	0	0	13	01	98	02	0	384	83	0	0	9	0	0	65	92	000	0	0	18	03	98	00	0	413	74	0	0	9	0	0	61	65	+ 8	0	11.7	0	35.9	29
	Kakul *	000	8	1	18	05	97	01	1	435	81	1	4	6	0	0	61	85	000	0	1	18	02	97	01	1	464	75	1	1	6	0	0	64	69	—	—	27.8	—	35.4	—
	Landikotal *	000	0	1	13	03	98	01	0	416	88	1	1	7	0	0	64	92	000	0	0	00	00	97	00	0	444	80	0	0	9	0	0	63	70	—	—	4.2	—	20.5	—
	Parachinar *	000	0	5	13	02	98	03	0	440	81	1	5	6	1	0	55	xx	000	0	0	00	00	99	00	0	444	64	0	0	9	0	0	49	62	—	—	11.3	—	24.9	29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	430	92	0	0	9	0	0	78	94	000	0	0	00	00	99	00	0	449	80	0	0	9	0	0	74	75	—	—	1.1	— 3.2	29.5	13
	Wana *	000	0	4	00	00	99	01	1	505	83	4	1	9	0	0	54	91	000	0	0	00	00	98	00	0	513	74	0	0	9	0	0	56	66	—	—	4.6	—	12.9	11
Quetta	Fort Sandeman *	000	0	3	00	00	99	01	0	430	92	3	0	8	3	0	38	93	000	0	6	00	00	99	00	0	465	78	0	0	9	0	0	54	71	+ 2	+ 7	5.5	+ 0.6	10.2	11
	Hindubagh *	000	0	3	25	07	97	00	0	398	87	8	0	9	0	0	42	89	000	0	0	29	05	97	00	0	496	71	0	0	9	0	0	35	59	—	—	0.8	—	4.6	—
	Loralai *	000	0	5	16	03	99	00	0	413	86	0	0	9	1	2	61	90	000	0	4	29	02	99	01	1	415	71	0	0	9	1	2	45	60	—	—	1.1	—	4.6	9
	Harnai *	000	0	0	13	05	97	00	0	414	94	0	0	9	0	0	53	95	000	0	0	31	05	97	00	0	427	79	0	0	9	0	0	60	74	—	—	5.7	— 1.7	8.8	14
	Quetta *	000	0	1	27	02	96	02	0	413	93	1	1	5	0	0	57	87	000	0	0	00	00	96	00	0	459	64	0	0	9	0	0	44	50	—	—	0.1	— 0.9	4.3	9
	Chaman *	000	0	0	27	07	98	00	0	428	92	0	0	9	0	0	30	93	000	0	0	09	07	98	00	0	452	73	0	0	9	0	0	30	66	+ 3	+ 4	0	— 0.1	1.3	8
	Nushki *	000	0	0	27	05	98	02	0	473	93	0	0	9	0	0	03	95	000	0	0	31	05	98	02	0	506	75	0	0	9	0	0	34	73	—	—	0	—	0.7	—
	Dalbandin *	000	0	0	11	02	96	02	0	446	99	0	0	9	0	0	31	01	000	0	0	09	03	98	05	0	452	69	0	0	9	0	0	31	67	+ 2	+ 4	0	— 0.2	1.1	4
Kalat	Kalat *	000	0	0	27	03	96	00	0	424	80	0	0	9	0	0	59	85	000	0	0	18	02	96	00	0	465	55	0	0	9	0	0	48	49	+ 2	+ 2	0.2	— 1.0	2.2	7
	Panjgur *	000	0	0	31	10	97	02	2	435	90	0	0	9	0	0	32	99	000	0	0	09	03	95	05	0	451	73	0	0	9	0	0	47	66	+ 5	+ 3	0.3	—	1.3	5
Afghanistan	Kabul *																																								12
	Kandhar *																																								

1 Given in Code.

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

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

RRR at 0300 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDESDAY THE 19th SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_oL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV $_{ww}$ W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Catray	33 103	560 00	1 14 18	99 0 20	078 79	00 9 16	66 x xx	...	00 1 75	11 8 32
Vina	33 224	600 06	0 18 12	98 0 50	027 79	00 9 00	44 2 12	...	85 2 75	13 3 24
Isanda	33 277	509 06	0 33 20	98 0 20	013 91	00 9 00	76 2 12	...	00 3 82	12 2 23
Marlekerk	33 174	573 06	8 22 13	97 0 22	037 77	85 3 xx	54 2 12	...	00 1 82	13 2 24
Alamak	33 278	509 06	0 32 16	98 0 20	045 93	00 9 00	26 4 00	...	00 3 85	12 2 22
Marlekerk	33 163	567 12	1 22 19	98 0 30	015 82	11 4 00	54 7 12	...	00 2 72	13 0 34
Alamak	33 269	528 12	0 30 19	97 0 50	010 93	00 9 00	56 7 20	...	05 1 20	12 4 xx
Sirdhana	33 244	670 18	1 24 05	99 0 20	043 81	1x x 00	45 2 20	...	05 0 97	13 1 44
Alamak	33 262	545 18	0 33 16	97 0 50	024 95	00 9 00	26 1 15	...		

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPP TTTT$_d$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$_{mb}$
		HHHTTTT$_d$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	978 262 245	...	...	139 245 112	...	307 102 990	433 005 542	578 540 999	751 042 999	963 795	...	...	
Lahore ...	00 00	974 270 250	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	960 772 195	...	...	140 255 999	...	309 132 999	437 065 999	584 510 999	776 582 999	000 660	308 780	558 795	...
Quetta ...	00 00	827 000 000	...	...			312 152 668	440 045 715	587 090 999	763 570 999	985 620	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTT1T$_d$T$_d$T$_d$								Max. Height Reached PPPTTTT$_d$T T$_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	MISDA		...	...	...	...	...	...	...	...	...	...
Jiwani ...													
Karachi ...	00 00	900 265 188	800 195 068	...	...	...	...	...	...	...	800 195 068	...	...
Lahore ...	00 00	MISDA		...	...	...	...	...	...	...		...	...
Multan ...													
Peshwar ...	00 00	900 285 999	800 202 999	...	...	...	...	...	...	...	800 202 999	...	...
Quetta ...	00 00	800 205 598	...	...	...	...	...	...	...	...	800 205 598	...	...

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff)									At 0000 hrs. G.M.T. † of date (dd ff)						At 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 ...	15 08	15 12	14 17	14 19	14 20	14 15	16 15	16 11	18 10	11 04	11 07	10 09	09 12	11 12	14 11	04 05	04 06	06 05	19 02	12 15	11 17	...	...	...	...	...
Chaklala ...	...	17 05	31 07	28 07	32 05	31 07	20 24	08 08	26 16	...	09 07	14 03	21 04	33 03	31 03	...	...	...	...	...	...	...	...	...	...	...
Chhor ...	26 03	27 02	01 04	01 11	05 17	06 22	05 15	01 08	04 10	27 12	29 08	02 05	07 10	06 12	04 13	34 07	01 13	01 14	03 10	04 12	05 15	04 14	09 09	07 02	10 04	...
Chittagong ...	18 11	18 11	17 14	16 15	14 19	...	...	...	...	35 05	35 04	01 06	04 11	06 15	07 17	32 06	36 07	36 09	...	...	...	...	...	...	...	...
Cox's Bazar ...	18 17	18 13	18 13	18 15	...	...	...	...	...	35 06	35 07	35 06	...	...	...	03 11	35 14	35 15	03 09	...	...	...	...	...	...	...
Dacca ...	16 08	15 12	15 15	14 15	15 15	15 10	15 09	16 07	26 06	...	...	...	...	...	...	05 03	06 03	04 04	07 13	02 19	01 07	25 03	36 05	...	...	...
Dalbandin ...	...	...	10 05	24 01	30 06	35 13	35 19	35 14	27 15	...	...	06 12	09 16	09 10	01 16	...	...	08 10	05 07	09 08	...	...	...	...	...	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 17	20 10	...	...	...	...	...	...	23 04	25 04	31 01	...	...	...	...	20 14	24 03	...	...	...	...	...
Fort Sandeman ...	...	...	06 02	03 01	18 06	19 09	...	...	...	...	...	...	20 05	30 06	33 03	...	...	...	30 01	32 02	02 05	...	...	...	...	...
Jacobabad ...	17 03	19 03	19 02	31 01	29 03	28 03	31 03	33 02	27 04	21 05	23 06	24 05	27 04	29 01	34 03	15 02	19 03	21 05	21 05	20 03	32 03	01 05	33 05	01 04	10 05	28 02
Jessore ...	14 17	15 18	15 19	...	...	...	...	...	...	13 10	14 07	14 07	12 09	14 13	13 14	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	16 02	23 02	26 06	31 11	34 09	34 07	07 03	29 07	25 15	11 05	16 06	24 03	24 05	30 04	05 04	14 02	15 05	15 04	27 03	13 03	23 08	22 13	23 17	24 16	24 31	25 34
Jiwani ...	17 08	17 08	17 08	29 06	34 09	34 11	36 11	05 14	26 16	23 03	23 05	15 04	08 03	08 05	...	29 03	21 02	05 02	05 03	09 03	04 09	07 12	02 09	30 07	29 06	26 05
Karachi ...	25 14	02 06	08 06	07 14	06 08	01 12	04 13	03 17	03 08	...	...	...	...	...	...	28 12	33 08	12 05	09 04	06 06	05 11	05 13	04 06	04 05	03 08	35 01
Khanpur ...	28 10	27 12	27 10	22 07	17 07	20 04	01 08	36 13	05 13	26 05	28 05	27 04	26 04	19 03	07 03	16 12	14 12	11 09	10 04	06 06	05 08	02 12	05 15	15 40	13 01	22 10
Lahore ...	35 02	35 02	33 01	28 02	22 02	32 09	32 10	33 12	03 08	17 08	17 09	19 07	27 05	07 02	02 07	12 08	12 09	11 06	07 04	03 07	03 10	11 09	16 11	17 14	22 11	
Multan ...	16 07	18 05	19 04	18 04	06 04	35 08	35 11	32 10	23 04	15 18	16 23	15 24	...	...	...	16 12	16 14	16 15	13 08	13 12	18 03	30 02	34 11	05 15	09 15	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	34 15	03 10	01 13	02 12	01 23	26 08	...	...	...	34 10	35 03	01 13	...	...	...	...	...	...	...	...	...	...	...
Peshawar ...	...	05 04	14 03	16 08	21 09	31 10	31 07	32 15	26 26	...	33 03	32 04	29 03	26 03	27 05	...	03 03	03 01	16 02	12 10	21 10	24 11	27 12	26 13	23 40	24 47
Quetta ...	...	...	...	...	18 02	21 03	18 04	...	...	...	...	...	...	30 02	28 07	...	...	...	...	33 04	35 09	02 13	20 10	21 18	27 27	25 34
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	30 06	30 04	28 01	19 04	14 09	...	...	...	...	26 01	01 02	05 06	08 12	09 10	09 09	19 03	00 50	08 12	09 18	07 22	...	...	...	...	...	...
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 ...	30 17	33 11	36 08	36 05	10 08	04 12	03 14	04 14	05 04	06 09	05 04	03 11	...	...	...	...	...	...
Peshawar ...	MISDA												...	...	...	...	...	...
Quetta ...													...	...	...	...	...	...

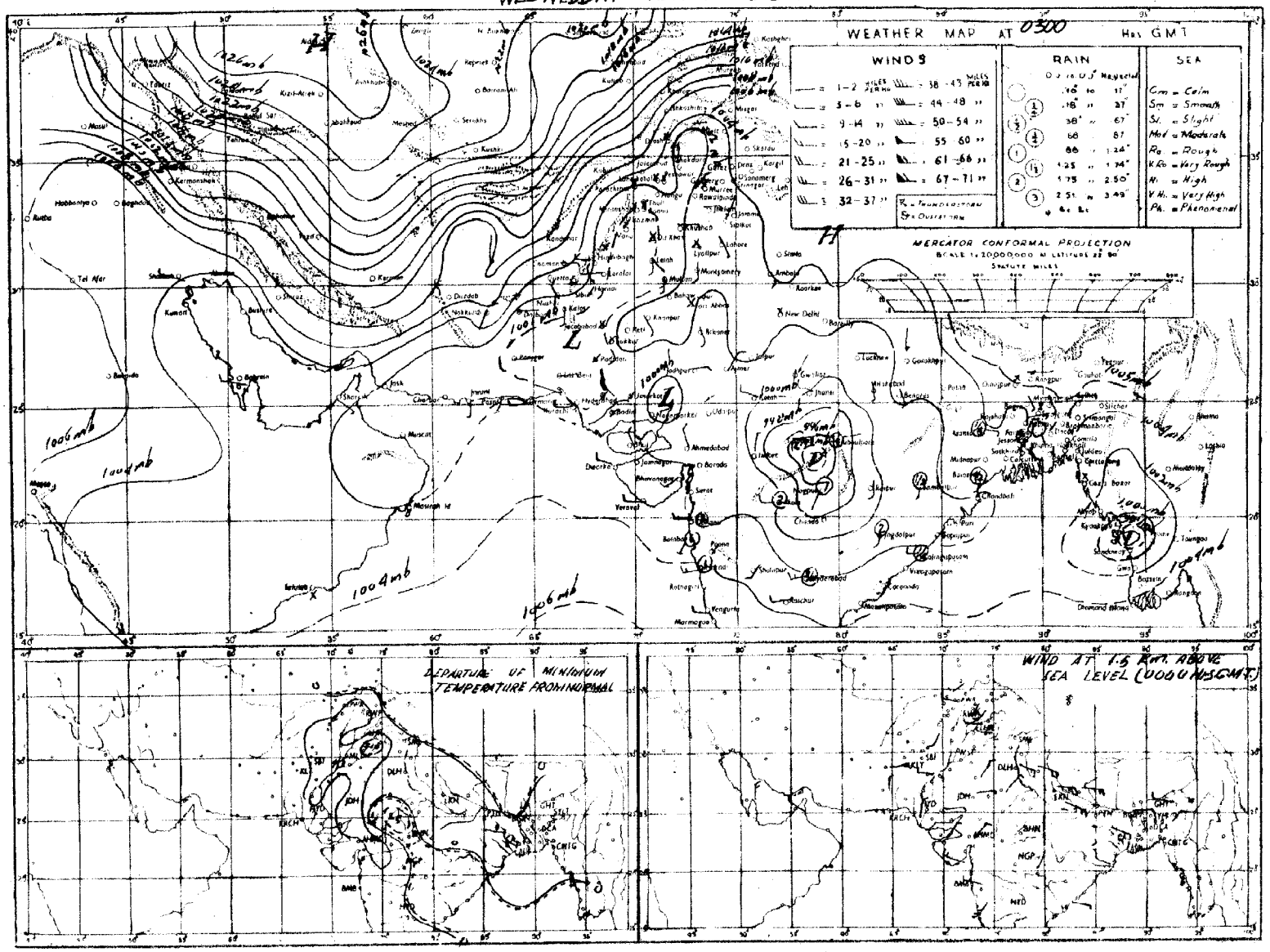
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd VrVr etc.)

The accuracy of individul entries in thit 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

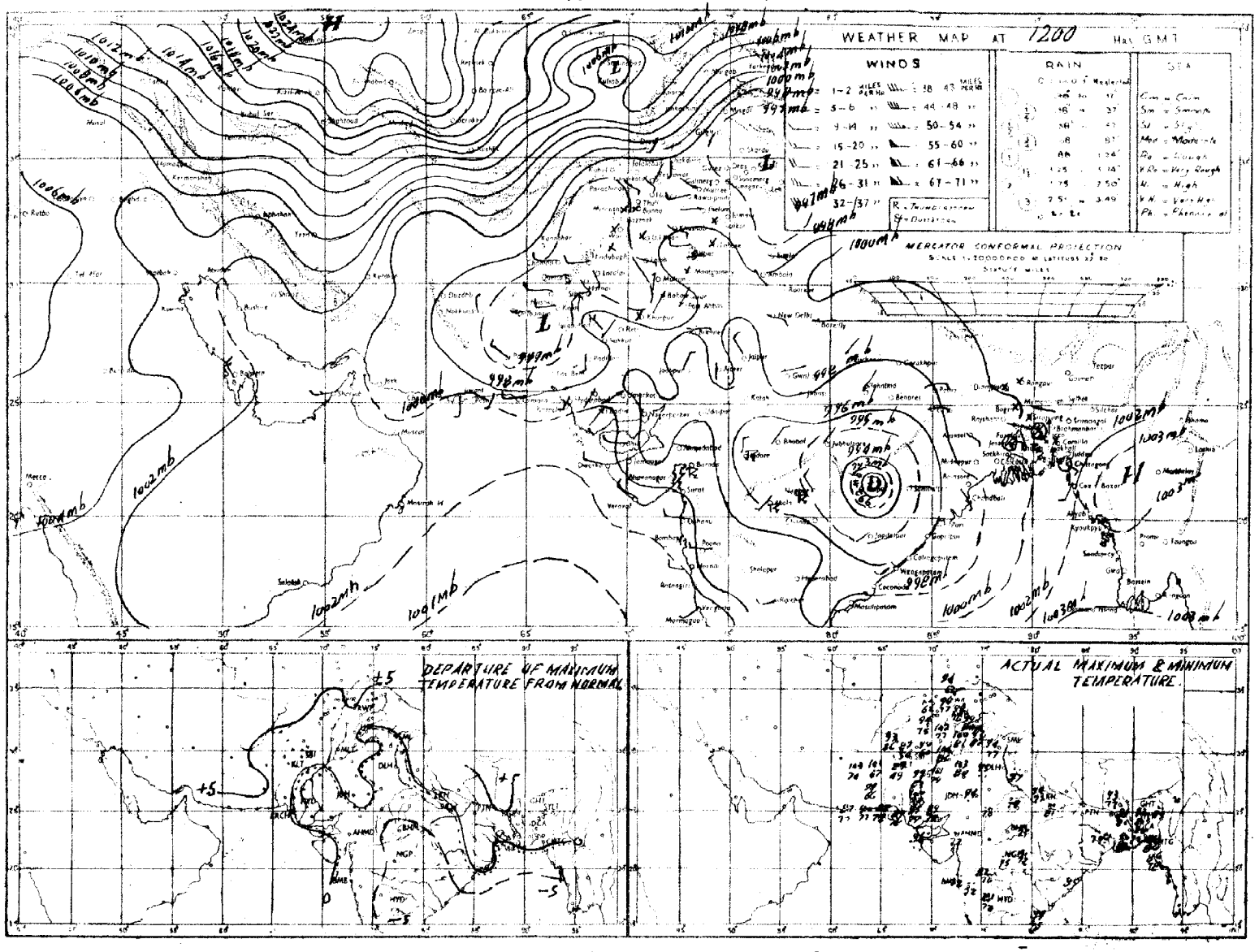
WEDNESDAY 19th SEPTEMBER 1962



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 18th SEPTEMBER, 1962.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

THURSDAY THE 20th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's deep depression moved northwestwards and was centred last evening at 1200 GMT near Hoshingabad. Continuing to move in the same direction it today lies with its centre at 20,0300 GMT about 50 miles southsouthwest of Jhaldwar. It is likely to move in a northerly direction.

The westerly low pressure wave is moving away across Kashmir and Rawalpindi division.

They have caused fairly widespread rain/thundershowers in Peshawar division; local in Rawalpindi and Sargodha divisions and scattered in D. I. Khan division. Light rain has also been reported from Lahore division.

Observations are lacking but believe a depression moved across Burma to north Bay of Bengal and is centred this morning at 0300 G.M.T within one degree of latitude 20 °N and longitude 90 °E It is likely to intensify and move slowly westnorthwest wards.

Thunderstorms/showers have been fairly widespread in Khulna division, local in Chittagong division and scattered in Dacca division.

Chief amounts of rainfall are :—Khulna 2"; Rangamati, Barisal and Kakul 1" each; Maijdee Court, Murree, Khushab and Haripur 1/2" each and Cox's Bazar, Chittagong, Satkhira, Jhelum, Peshawar and Wana 1/4" each.

Day temperatures were 3—6 °F (2—3 °C) above normal in East Pakistan and in Karachi and Hyderabad divisions.

Forecast valid until the evening of 21st September, 1962:—Rain/thundershowers will be fairly widespread in Chittagong, Khulna, Rawalpindi and Lahore divisions and in Kashmir, local in Dacca, Rajshahi, Sargodha and Multan divisions and scattered in Peshawar, Bahawalpur and Hyderabad divisions.

Heavy Rainfall Warning :—Locally moderate to heavy rain will fall in Chittagong, Khulna, Rawalpindi, Lahore divisions and in Kashmir during next 48 hours.

Earthquake Report :—The Seismograph of Geophysical Institude Quetta has recorded an earthquake of moderate intensity at 12 hours 32 minutes and 05 seconds W.P.S.T on 19th September, 1962. The epicentre of the earthquake was at a distance of about 1000 miles west of Quetta probably in West Iran.

Karachi-11
The 20th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	000	1	6	27	02	97	29	1	998	91	4	3	6	7	x	81	95
	Cox's Bazar	000	0	7	31	13	97	02	2	989	85	5	9	5	4	8	78	90
	Chittagong	000	0	6	27	09	96	13	2	991	87	3	3	6	2	1	80	92
	Maijdee Court	000	9	7	18	02	96	03	0	994	87	7	0	9	5	0	79	91
	Comilla	000	0	2	18	05	96	03	1	974	89	2	4	7	0	0	84	92
	Brahmanbaria	000	0	4	00	00	97	03	1	997	88	2	0	9	0	0	80	92
	Sylhet	000	0	3	31	02	96	02	1	988	85	1	1	6	0	1	81	95
	Srimangal	000	0	0	00	00	96	00	0	994	88	0	0	9	0	0	81	94
Dacca	Mymensingh	000	0	2	00	00	98	01	0	041	91	2	2	4	0	0	78	94
	Narayanganj	000	9	6	00	00	96	03	1	993	90	2	4	2	0	8	80	94
	Dacca (Tezgaon)	000	0	4	00	00	98	00	0	989	88	2	8	5	0	1	80	92
	Faridpur	000	0	3	34	02	96	01	1	995	90	2	3	6	0	1	81	91
Khulna	Barisal	000	0	6	13	02	97	02	2	995	90	6	6	6	0	0	80	97
	Khulna	000	0	4	00	00	97	01	2	996	88	4	5	6	0	0	78	xx
	Satkhira	000	0	5	00	00	97	03	2	027	90	3	4	8	2	0	81	93
	Jessore	000	0	2	00	00	97	01	1	024	89	2	4	6	0	0	81	92
Rajshahi	Pabna	000	0	1	05	02	99	01	1	996	89	0	0	9	0	0	79	93
	Sirajganj	000	0	0	00	00	98	00	1	997	89	0	0	9	0	0	81	93
	Bogra	000	0	2	00	00	96	01	0	999	89	2	4	1	0	0	80	93
	Dinajpur	000	9	3	00	00	96	02	2	003	90	3	0	9	4	0	82	94
	Rangpur	000	0	2	13	02	96	01	1	004	88	2	0	9	1	0	79	93
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	002	3	1	00	00	96	01	6	989	91	1	1	7	0	1	77	94
	Sialkot	000	0	3	23	03	97	02	1	981	93	3	2	6	1	1	74	98
Rawalpindi	Jhelum	000	3	4	09	02	97	17	9	975	95	4	3	6	0	0	71	01
	Rawalpindi	000	0	5	09	05	98	03	2	983	88	5	6	6	0	0	67	96
	Campbellpur	000	0	7	23	10	97	02	0	945	80	2	2	8		1	69	98
Sargodha	Khushab	000	0	0	18	02	97	00	0	968	00	0	0	9	0	0	85	02
	Lyallpur	000	0	5	16	02	97	02	x	991	94	5	0	9	4	0	71	94
Multan	Montgomery	000	0	1	09	03	96	01	1	974	96	1	1	7	0	0	71	00
	Multan	000	0	1	18	02	98	01	0	966	01	1	1	6	0	0	64	05
	Leiah	000	0	8	00	00	98	01	1	965	99	2	4	9	3	0	72	02
Bahawalpur	Khanpur	000	0	0	27	02	96	02	0	966	99	0	0	9	0	0	71	04
	Bahawalpur	000	0	0	09	02	98	00	0	071	01	0	0	9	0	0	76	02
	Fort Abbas	000	0	0	05	02	98	00	0	965	99	0	0	9	0	0	69	02
Peshawar	Chakdara	000	2	6	36	02	96	50	9	067	xx	6	3	9	0	0	64	90
	Peshawar	012	4	8	23	10	97	95	9	035	75	4	9	6	2	x	69	93
	Haripur	000	2	8	05	05	95	09	3	009	75	8	5	6	0	0	74	97
D. I. Khan	Bannu	000	3	4	05	02	99	03	0	978	92	0	0	9	8	0	64	98
	D. I. Khan	000	3	6	00	00	98	00	0	964	96	6	6	8	0	0	69	99
Quetta	Sibi	000	0	0	18	02	98	00	0	960	07	0	0	8	0	0	53	09
Kalat	Nokkundi	000	0	0	34	09	97	02	1	009	91	0	0	9	0	0	39	96
	Turbat	000	0	0	27	04	96	05	0	971	08	0	0	9	0	0	66	10
	Jiwani	000	0	0	20	12	97	02	0	003	85	0	0	9	0	0	75	90
	Pasni	000	8	8	25	10	95	02	1	001	xx	0	0	9	4	4	78	90
Karachi Division	Ormara	000	0	0	27	10	94	00	0	981	84	0	0	9	0	0	78	88
	Lasbela	000	0	4	20	12	98	04	0	967	00	4	0	9	4	0	78	08
	Karachi (Manora)	000	0	4	27	12	96	01	1	989	86	0	0	9	0	3	78	89
	Karachi (Airport)	000	0	4	23	09	96	03	0	987	88	1	1	6	0	1	78	93
Hyderabad	Nagarparkar	000	0	4	31	03	97	00	0	946	97	0	0	8	0	4	72	99
	Umerkot	000	0	6	xx	00	98	02	0	956	00	1	2	7	0	8	74	03
	Hyderabad	000	0	0	00	00	97	02	0	975	00	0	0	9	0	0	73	02
	Badin	000	0	0	23	02	97	00	0	989	98	0	0	9	0	0	75	01
Khairpur	Padidan	000	0	1	36	02	98	02	0	965	03	1	1	6	0	0	66	05
	Nawabshah	000	0	2	18	02	96	01	0	977	03	0	0	9	0	1	69	05
	Sukkur	000	8	1	23	02	97	01	0	964	02	0	0	9	0	3	73	06
	Kashmore	000	0	0	00	00	99	00	0	018	96	0	0	9	0	0	76	xx
	Jacobabad	000	0	0	18	02	97	01	0	968	02	0	0	9	0	0	77	03
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	5	32	01	96	13	2	416	79	2	2	7	0	4	54	86
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *								...	...	...	...	...	...	...	...	...	...
	Misgar **	000	0	7	31	07	97	03	1	068	59	3	5	8	2	0	31	66
	Aliabad *																	
	Gilgit *	000	0	8	00	00	98	02	2	453	71	8	5	8	x	x	60	87
Rawalpindi	Murree *	006	3	8	00	00	97	17	9	441	64	8	7	3	x	x	58	70
Peshawar	Drosh *	...								...	...	...	...	...	...	...	...	...
	Cherat *	005	3	8	36	23	98	50	6	382	74	8	8	6	0	0	56	92
	Kakul *	...	...	...					...	...	...	...	...	...	...	...	...	...
	Landikotal *	004	0	7	00	00	97	29	1	426	70	7	3	7	1	1	60	86
	Parachinar *	000	0	4	13	02	97	03	0	438	71	4	1	9	1	0	52	79
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	415	86	0	0	9	0	0	79	92
	Wana *	030	0	4	00	00	99	01	1	513	71	4	1	9	0	0	59	90
Quetta	Fort Sandeman *	000	0	0	25	01	99	02	0	422	93	0	0	9	0	0	29	95
	Hindubagh *	000	0	0	29	05	97	00	0	392	87	0	0	9	0	0	43	89
	Loralai *	000	0	5	20	03	99	00	1	417	87	0	0	9	1	2	54	92
	Harnai *	000	0	0	13	05	97	00	0	423	95	0	0	9	0	0	41	97
	Quetta *	000	0	0	31	02	96	00	0	422	83	0	0	9	0	0	56	86
	Chaman *	000	0	0	27	07	98	00	0	430	87	0	0	9	0	0	34	88
	Nushki *	000	0	0	27	13	98	02	0	480	90	0	0	9	0	0	47	92
	Dalbandin *	000	0	0	05	03	94	05	0	457	98	0	0	9	0	0	37	98
Kalat	Kalat *	000	0	3	04	07	94	00	0	430	77	0	0	9	0	0	60	83
	Panjgur *	000	0	0	36	19	95	07	0	435	89	0	0	9	0	0	53	94
Afghanistan	Kabul *																	
	Kandhar *																	

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 d (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 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	099	9	7	18	02	98	05	9	042	88	4	7	5	7	x	77	75	—	—	—	—	—	—
	Cox's Bazar	027	9	8	28	09	97	61	9	022	78	5	5	4	7	0	74	76	+ 3	0	94.5	—10.6	105.2	140
	Chittagong	035	8	8	09	03	96	62	9	023	81	8	7	4	x	x	74	76	+ 5	+ 1	70.8	— 3.0	84.3	108
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 4					101
	Comilla	000	0	8	00	00	97	02	2	009	84	8	7	5	0	0	78	79	+ 4	+ 2	43.6	—11.3	61.8	94
	Brahmanbaria	000	0	6	13	02	97	03	1	030	85	6	4	5	0	0	79	82	—	—	43.7	— 1.5	61.1	78
	Sylhet	000	0	7	05	09	97	02	2	030	86	5	2	6	7	1	77	81	—	—	92.5	—	12.0	—
	Srimangal	000	0	0	00	00	96	00	0	026	85	0	0	9	0	0	78	79	+ 3	+ 4	46.4	— 9.4	62.7	98
Dacca	Mymensingh	000	0	6	13	02	97	02	1	056	89	0	0	9	0	0	79	81	+ 6	+ 3	46.5	—12.7	62.5	91
	Narayanganj	000	9	8	18	02	98	03	9	026	82	8	4	2	x	x	78	81	+ 6	+ 2	43.7	— 2.1	60.9	74
	Dacca (Tezgaon)	000	0	7	18	02	97	02	2	020	82	4	9	4	2	x	79	82	—	—	51.3	—	56.2	—
	Faridpur	000	0	8	xx	xx	96	02	1	031	82	8	5	5	1	0	77	80	+ 4	+ 2	33.6	—10.7	47.0	71
Khulna	Barisal	102	6	6	09	02	96	03	9	020	81	4	7	6	4	1	78	77	+ 4	— 1	40.9	—12.3	54.7	81
	Khulna	200	4	7	00	00	96	02	6	013	78	7	5	4	x	0	78	76	x	— 1	35.7	—10.4	42.0	68
	Satkhira	022	3	8	00	00	96	61	9	040	77	8	7	4	x	x	68	76	+ 4	— 1	45.4	+ 2.2	51.6	65
	Jessore	036	0	8	00	00	96	61	6	048	77	8	7	5	x	x	75	76	—		36.2	— 5.0	46.4	65
Rajshahi	Pabna	000	0	7	36	05	98	03	2	023	85	7	0	9	2	0	81	82	—	—	35.9	—	55.3	59
	Sirajganj	000	0	8	09	02	97	02	0	023	87	8	0	9	2	0	79	83	+ 6	+ 2	37.8	— 4.5	50.7	64
	Bogra	000	0	6	05	02	96	02	2	026	87	2	5	6	1	1	81	83	+ 5	+ 2	36.1	—10.6	49.8	69
	Dinajpur	000	9	0	00	00	96	00	0	029	90	0	0	9	0	0	77	77	+ 6	— 1	42.7	— 9.7	49.9	72
	Rangpur	000	0	1	09	05	96	01	0	038	87	1	0	9	1	0	79	83	+ 5	+ 3	43.1	—14.4	65.3	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	002	9	6	00	00	96	02	1	020	83	6	0	9	7	0	74	78	— 4	+ 6	10.3	— 4.0	16.7	19
	Sialkot	000	0	4	00	00	97	03	1	033	90	4	5	6	x	x	77	78	+ 3	+ 4	22.1	— 0.9	26.5	32
Rawalpindi	Jhelum	024	9	3	26	02	97	03	9	025	83	1	1	7	3	6	69	74	—	—	21.6	—	27.7	—
	Rawalpindi	000	0	6	23	02	98	03	2	035	75	1	5	6	6	0	67	73	+ 2	+ 1	26.6	+ 3.7	33.2	36
	Campbellpur	000	0	0	09	01	97	02	2	984	71	0	2	8	0	2	68	71	—	—	9.6		17.7	—
Sargodha	Khushab	047	2	8	31	14	96	53	5	030	74	8	8	6	0	0	72	xx	+ 3	—	2.9	— 7.0	7.8	15
	Lyallpur	000	0	5	00	00	96	02	0	015	80	5	0	9	4	0	74	78	— 4	+ 4	5.9	— 3.1	9.7	12
Multan	Montgomery	000	0	4	13	02	96	02	1	017	83	4	7	8	0	0	76	78	0	+ 3	8.1	— 1.1	11.2	10
	Multan	000	0	0	35	03	97	02	0	017	95	0	0	9	0	0	75	83	+ 6	+ 6	1.2	— 3.6	2.9	7
	Leiah	000	0	0	00	00	98	00	0	034	86	0	0	9	1	4	xx	75	—	—	1.7	—	3.5	8
Bahawalpur	Khanpur	000	0	1	26	02	95	05	0	002	85	0	0	9	0	2	77	79	+ 3	+ 4	6.2	+ 1.4	7.2	6
	Bahawalpur	000	0	0	05	02	98	00	0	011	87	0	0	9	0	0	81	xx	+ 2	x	2.9	+ 1.3	3.6	6
	Fort Abbas	000	0	2	02	02	98	00	0	010	86	0	0	9	0	2	77	83	—	—	0.6	—	0.9	8
Peshawar	Chakdara	000	0	0	36	02	97	00	0	027	69	0	0	9	0	0	59	63	—	—	6.8	—	16.1	—
	Peshawar	022	9	2	00	00	97	02	9	044	72	1	5	7	0	1	xx	75	+ 2	+ 4	1.9	— 2.3	8.5	11
	Haripur	049	9	7	31	02	96	03	6	035	73	7	0	9	7	0	67	67	—	—	20.5	—	27.2	—
D. I. Khan	Bannu	000	2	7	00	00	99	03	1	033	77	0	0	9	8	6	63	74	—	—	2.0	—	5.0	11
	D. I. Khan	000	2	5	03	02	98	02	1	033	77	5	5	8	0	0	69	74	— 1	— 1	1.6	— 3.7	4.4	9
Quetta	Sibi	000	0	0	00	00	98	00	0	004	86	0	0	9	0	0	69	81	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	9	7	20	05	97	03	2	094	71	7	0	9	4	0	25	70	—	—	0	—	0.1	2
	Turbat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Jiwani	000	0	5	27	03	96	03	1	008	83	5	6	4	0	0	79	80	—	—	1.2	—	1.9	5
	Pasni	000	3	0	23	02	96	05	1	979	81	0	0	8	0	0	77	76	+ 1	+ 3	0	— 0.9	0.2	6
Karachi Division	Ormara	000	0	6	27	09	93	03	1	007	80	6	0	9	0	1	77	79	—	—	0.1	— 0.7	2.0	6
	Lasbela	000	0	4	31	02	98	04	0	964	84	4	0	9	4	0	72	76	—	—	0	—	0	8
	Karachi (Manora)	000	0	6	27	05	96	03	2	006	80	0	0	9	0	7	74	78	+ 4	+ 1	—	—	—	8
	Karachi (Airport)	000	0	5	29	09	96	02	1	010	83	5	6	5	0	0	77	81	—	—	10.7	—	10.7	—
Hyderabad	Nagarparkar	000	0	5	31	04	97	03	0	981	83	0	0	8	5	0	73	xx	—	—	10.3	—	10.3	—
	Umerkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Hyderabad	000	0	7	00	00	97	03	2	993	83	0	0	9	0	8	75	81	+ 5	+ 5	15.6	+ 9.7	16.2	7
	Badin	000	0	8	23	02	97	01	0	016	82	8	0	9	0	1	78	80	+ 6	+ 4	6.5	— 0.7	7.2	9
Khairpur	Padidan	000	0	2	36	02	98	03	0	993	86	0	0	9	0	1	72	80	—	—	2.8	—	3.4	—
	Nawabshah	000	0	6	31	02	96	01	0	001	85	0	0	9	0	2	71	81	—	—	2.8	—	3.2	...
	Sukkur	000	9	0	00	00	96	03	0	991	85	0	0	9	0	3	73	83	—	—	2.5	—	2.5	4
	Kashmore	000	0	0	00	00	99	00	0	014	84	0	0	9	0	0	68	62	—	—	0.5	—	0.5	—
	Jacobabad	000	0	0	36	03	96	02	0	008	xx	0	0	9	0	0	79	83	0	+ 7	2.0	— 0.2	2.9	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *	000	9	2	13	03	99	01	1	476	63	1	1	7	0	1	49	58		—	—	—	...	6
	Misgar **	000	0	7	13	05	98	01	1	128	46	2	4	8	6	0	34	44	—	—	—	—		—
	Aliabad *																							—
	Gilgit *	000	0	1	00	00	98	01	1	480	xx	4	8	4	6	5	57	59	—	—	—	—	—	5
Rawalpindi	Murree *	045	7	6	00	00	98	02	9	459	62	6	5	4	0	0	51	53	+ 1	— 3	29.9	— 4.4	48.5	59
Peshawar	Drosh *	000	9	0	00	00	98	02	2	473	64	0	0	9	0	0	52	63		1	9.6	—	16.5	18
	Cherat *	007	9	3	31	03	98	03	0	402	69	3	3	6	0	0	51	66	+ 8	+ 1	11.8	+ 0.1	35.9	29
	Kakul *	100	9	6	27	02	99	03	9	455	69	3	4	6	6	0	55	62	—	—	28.8	—	34.4	—
	Landikotal *	004	0	0	00	00	97	00	0	444	70	0	0	9	0	0	58	60	—	—	4.2	—	20.4	—
	Parachinar *	012	0	0	00	00	99	00	0	458	61	0	0	9	0	0	49	59	— 1	+ 1	11.5	...	25.0	29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	442	74	0	0	9	0	0	67	72	—	—	1.1	— 3.3	29.5	13
	Wana *	030	0	4	00	00	95	xx	7	419	xx	5	9	9	0	0	59	62	—	—	4.9	—	13.2	11
Quetta	Fort Sandeman *	000	0	0	00	03	98	02	0	464	73	0	0	9	0	0	60	69	+ 4	+ 5	5.5	+ 0.6	10.2	11
	Hindubagh *	000	0	0	25	12	96	00	0	434	67	0	0	9	0	0	36	60	—	—	0.8	—	4.6	—
	Loralai *	000	0	6	27	02	99	00	2	425	69	0	0	9	1	2	47	61	—	—	1.1	—	4.6	9
	Harnai *	000	0	0	31	09	97	00	0	425	80	0	0	9	0	0	66	74	—	—	5.7	— 1.7	8.8	14
	Quetta *	000	0	0	00	00	96	00	0	468	66	0	0	9	0	0	45	54	—	—	0.1	— 0.9	4.3	9
	Chaman *	000	0	6	18	07	98	02	0	460	70	0	0	9	2	0	30	62	— 2	0	0	— 0.2	1.3	8
	Nushki *	000	0	0	36	09	98	05	4	527	68	0	0	9	0	0	41	66	—	—	0	—	0.2	—
	Dalbandin *	000	2	3	05	09	94	05	0	473	69	0	0	9	0	0	42	68	— 1	+ 5	0	— 0.2	[illegible]	4
Kalat	Kalat *	000	0	0	27	02	96	00	0	491	58	0	0	9	0	0	47	47	0	0	0.2	— 1.0	2.2	7
	Panjgur *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0					5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 20th SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LbC_MC_H$	D_sV_s a PP	8 $N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Caltex Delft	43 221	598 36	0 19 18	97 0 20	031 77	80 9 80	...	...	00 2 74	11 9 10
Cuyawa Alley	43 216	612 06	7 20 04	98 0 32	043 82	78 4 xx	36 1 12	...	05 1 74	12 0 20
Fogo	43 189	579 06	9 23 10	94 4 54	968 76	9x x xx	55 4 00	...	00 0 59	13 3 xx
Sirohaaa	43 220	690 06	5 27 09	98 0 21	038 84	52 5 00	35 4 00	...	00 5 77	14 9 22
Alamak	43 365	578 06	4 15 04	97 0 50	051 86	95 4 00	26 2 20	...	05 4 84	11 5 21
Alamak	43 251	597 12	0 17 07	98 0 20	014 83	09 9 00	26 6 18	...	05 3 81	11 7 21
Cuyawanalalley	43 206	625 12	0 22 03	99 0 20	019 84	00 9 00	36 6 10	...	00 2 76	12 2 10
Caltex Delft	43 108	692 42	1 00 00	97 0 20	021 77	12 3 00	00 1 23	...	10 0 60	11 9 03
Maskark	43 153	520 12	0 22 10	97 0 20	014 xx	00 9 00	25 7 23	...	00 6 79	12 2 30
Fogo	43 182	570 12	2 21 15	98 0 14	976 74	20 6 01	54 6 20	...	00 2 72	12 1 xx
Alamak	43 248	616 18	0 20 07	97 0 50	034 77	00 9 00	26 2 20	...	05 3 74	12 0 32

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPP TTTTdTdTd	1000mb	900mb	850mb	800mb	700mb	600mb	500mb	400mb	300mb	200mb	150mb	100mb
			HHHTTTTdTdTd								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	997 272 238	501 xxx xxx	...	140 255 112	...	308 072 528	433 000 990	577 558 992	749 645 992	962 785	262 965	429 065	
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	
Multan ...														
Peshawar ...	00 00	969 212 198	...	...	140 178 092	...	306 072 995	431 010 990	576 568 998	747 660 990	959 750	...	...	...
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: PPPTTTdTdTd								Max. Height Reached PPPTTTTdTTd	TROPOPAUSE st. HHHHTT	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	900 272 118	800 195 092	...	...	...	...	...	...	...	800 195 092	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshwar ...	00 00	920 228 105	900 210 120	800 145 062	...	...	...	...	...	...	800 145 062	...	...
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 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 ...	34 06	33 05	35 05	36 07	11 12	11 14	...	...	...
Chaklala ...	...	15 10	18 13	19 04	22 06	...	...	...	...
Chhor ...	01 06	02 06	03 05	01 09	36 13	01 21	17 05	11 03	10 03
Chittagong ...	30 16	31 23	35 10	07 12	10 17	09 10	06 15	06 18	06 19
Cox's Bazar ...	21 17	32 23	34 19	...	...	...	...	...	...
Dacca ...	33 07	33 09	04 11	08 14	09 13	08 13	06 13	06 10	06 08
Dalbandin ...	...	...	07 03	25 03	01 03	34 13	01 15	35 17	33 23
D.I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	20 01	18 01	...	...	...
Fort Sandeman ...	...	...	...	23 06	25 11	28 07	29 15	...	...
Jacobabad ...	17 03	20 01	19 01	30 01	30 02	29 04	02 02	30 02	26 05
Jessore ...	02 04	03 05	35 04	02 03	...	...	...	...	...
Jhelum ...	36 01	29 02	23 04	21 03	23 03	24 05	22 06	...	...
Jiwani ...	21 07	27 03	27 03	01 14	34 07	36 12	04 16	01 12	...
Karachi ...	27 06	21 04	19 03	13 08	06 09	04 14	03 15	31 05	...
Khanpur ...	32 07	32 07	32 06	03 02	05 02	12 10	03 17	03 19	34 08
Lahore ...	09 05	11 07	11 06	07 06	03 04	01 03	16 07	18 07	02 15
Multan ...	16 06	15 08	15 09	12 11	11 10	11 08	35 10	...	21 08
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	36 11	...	...	...	...	...
Peshawar ...	No	ac ent	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	03 14	32 12	11 06	25 18	25 24
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	01 08	07 08	07 15	09 18	11 23	11 28	...	...	...
Veraval ...	...	...	...	...	...	...	...	...	...

Height in kms. a.s.l. →	At 0000 hrs G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0
STATION	11	12	13	14	15	16
Bogra ...	09 10	09 13	10 19	08 15	06 18	...
Chaklala ...	...	04 01	08 06	09 03	28 10	29 13
Chhor ...	30 21	33 23	32 17	35 09	03 10	03 01
Chittagong ...	10 09	12 14	13 18	...	...	...
Cox's Bazar ...	12 23	13 20	12 21	14 17	...	...
Dacca ...	07 13	07 23	xx xx	08 17	07 12	07 19
Dalbandin ...	...	...	07 19	36 09	03 07	02 12
D.I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	24 06	22 04	26 02
Fort Sandeman ...	...	...	...	05 09	35 05	31 13
Jacobabad ...	07 05	07 00	01 01	03 02	08 03	01 13
Jessore ...	06 07	35 10	36 02	03 22	...	...
Jhelum ...	32 10	31 04	19 02	35 03	33 09	31 11
Jiwani ...	27 09	35 06	36 08	05 08	03 09	01 12
Karachi ...	...	...	...	...	...	...
Khanpur ...	09 09	09 11	05 13	03 15	03 19	01 22
Lahore ...	07 05	07 11	07 13	09 04	11 03	33 04
Multan ...	11 12	10 15	09 21	06 25	...	...
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	29 01	36 03	01 03	36 05	26 13
Quetta ...	...	...	...	...	31 03	29 07
Sharjah ...	...	...	...	...	...	...
Sylhet ...	09 25	09 29	10 32	11 20	11 33	...
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 ...	09 15	09 22	09 22	07 25	05 23	...	...	...	...	...	...
Chaklala ...	...	28 08	26 07	29 03	28 02	32 05	...	...	...	...	...
Chhor ...	34 10	36 12	11 07	02 24	36 23	01 28	...	...	...	...	...
Chittagong ...	12 15	13 12	14 15	...	...	...	...	...	...	...	...
Cox's Bazar ...	14 22	16 23	17 29	...	...	...	...	...	...	...	...
Dacca ...	14 06	14 07	14 11	11 21	12 25	01 27	08 29	09 31	01 31	01 34	...
Dalbandin ...	...	...	08 12	09 15	...	...	...	...	...	...	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 01	33 02	06 03	05 03	25 01	18 06	18 11
Fort Sandeman ...	...	...	...	36 03	33 03	30 10	...	...	...	...	...
Jacobabad ...	09 08	11 07	13 12	13 09	05 03	01 05	02 15	01 21	14 09	26 17	22 14
Jessore ...	12 08	05 03	...	...	...	...	...	...	...	...	...
Jhelum ...	31 09	30 15	30 13	31 04	34 09	35 09	...	...	...	...	...
Jiwani ...	04 06	03 11	...	...	...	...	...	...	...	...	...
Karachi ...	29 15	34 14	36 10	02 07	05 09	04 12	03 13	27 08	33 08	33 11	35 07
Khanpur ...	03 10	04 13	04 13	03 13	04 17	05 28	36 26	34 15	...	...	...
Lahore ...	10 07	10 08	10 06	04 06	...	...	...	...	...	...	...
Multan ...	05 09	03 10	02 08	04 07	04 10	36 07	05 06	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	01 21	...	...	...	...	...	...	...
Peshawar ...	...	11 08	15 08	18 05	34 09	34 10	33 09	30 11	31 25	30 25	27 21
Quetta ...	...	...	...	...	28 04	26 06	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	09 23	09 24	11 19	16 12	15 16	12 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 ...	MISDA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi ...	27 10	31 10	33 16	33 16	35 09	34 11	34 21	02 14	36 08	10 08	28 05	29 12	27 16	17 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 VrVr etc.)

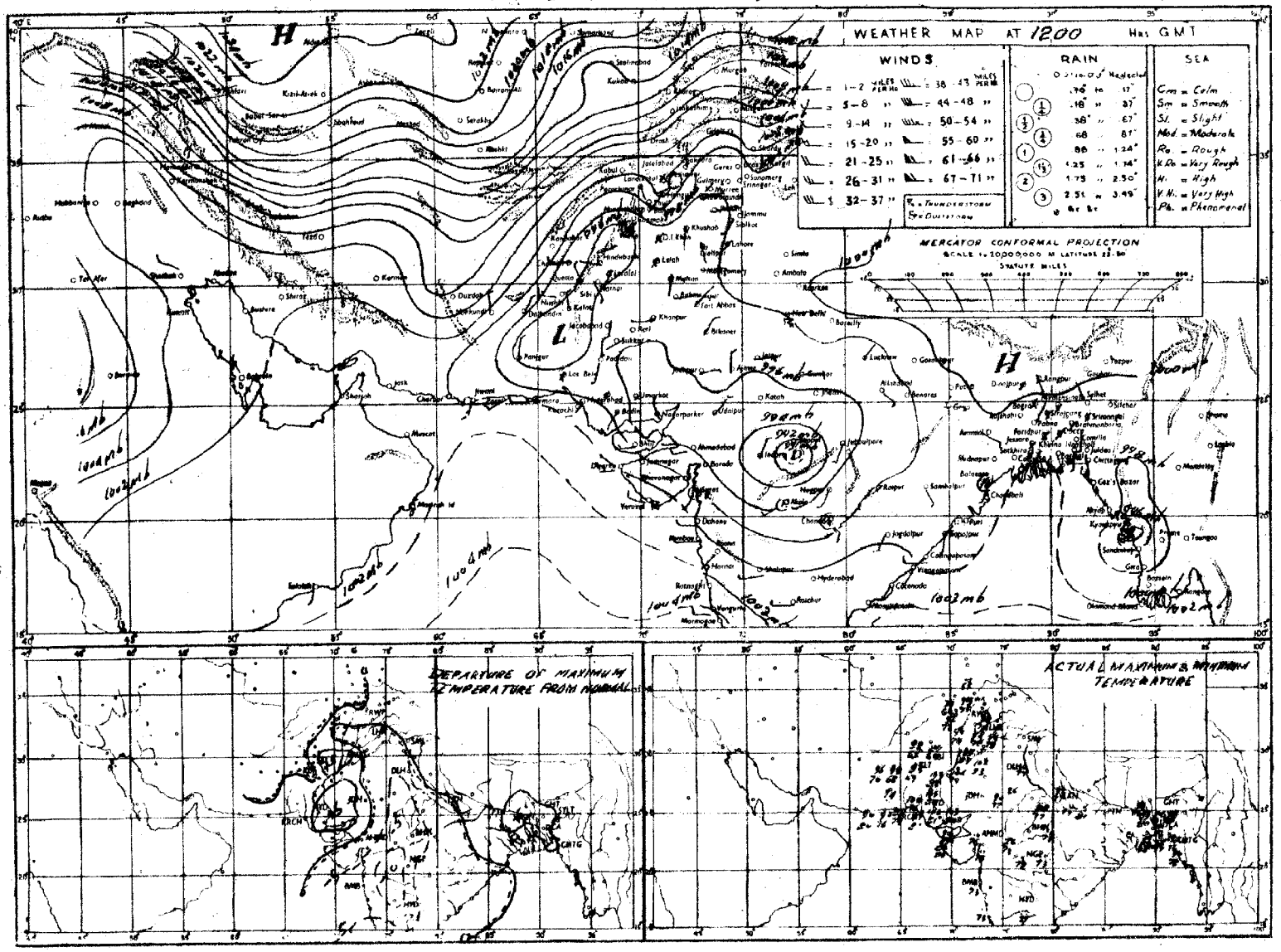
06 571

60 309
33 008

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

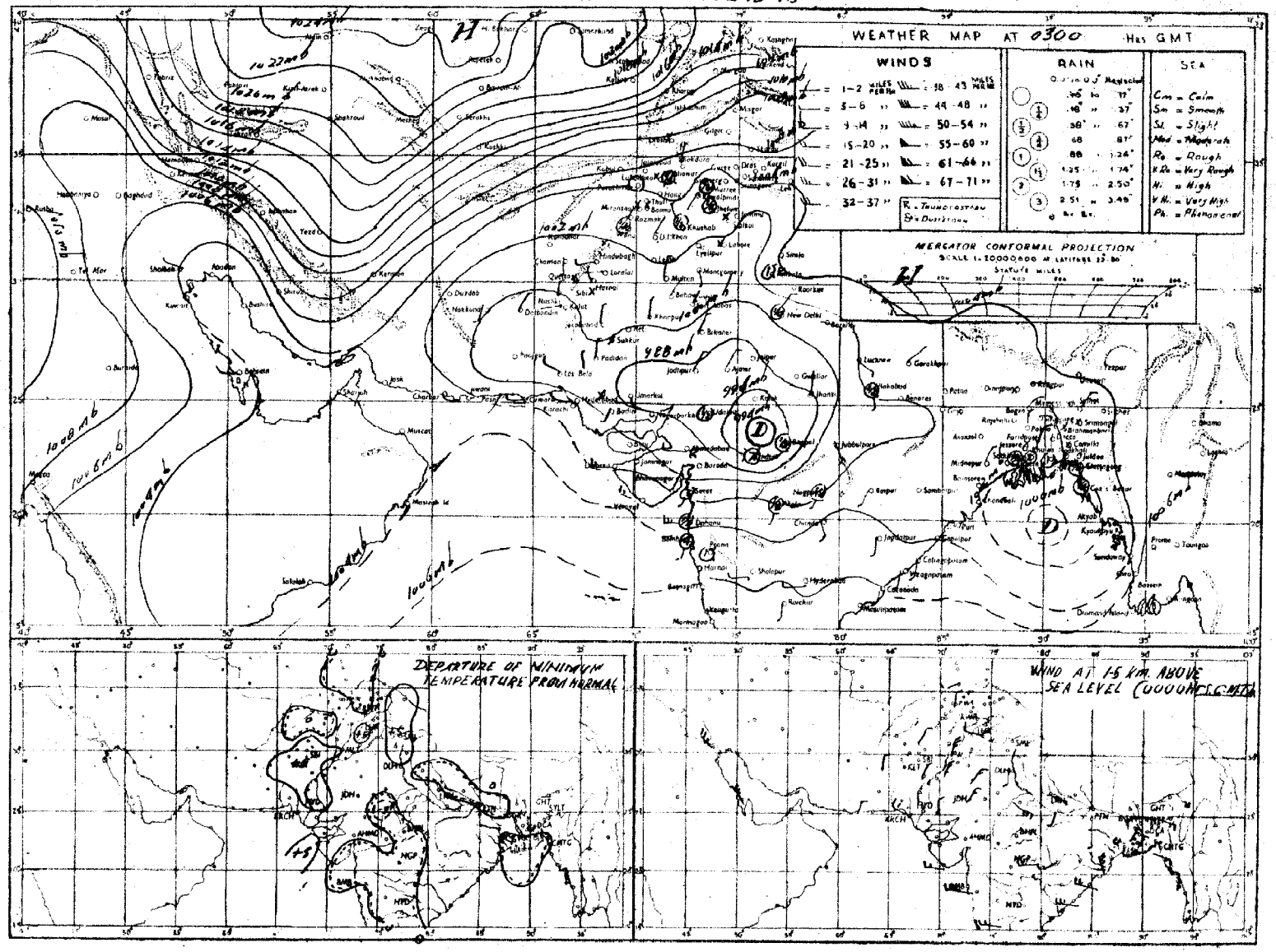
WEDNESDAY, 19th SEPTEMBER, 1962.



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

PAKISTAN DAILY WEATHER MAP

THURSDAY, 20th SEPTEMBER, 1962.



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. 16

FRIDAY THE 21st SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's deep depression moved northnorthwestwards and lay with its centre last evening at 20,1200 G.M.T. about 30 miles to the west of Kotah. There after it moved north-wards and centred this morning at 21,0300 G.M.T about 30 miles to the north of Jaipur. It is likely to move in a north northeasterly direction.

A westerly low pressure wave is moving across Peshawar division and neighbourhood. Under their influence rain/thundershowers have been local in Lahore and Hyderabad divisions and scattered in Peshawar division. Isolated light rain or drizzle has also been reported from Khairpur division.

The depression in North Bay of Bengal moved westnorthwestwards, intensified into a deep depression and was centred last evening at 29,1200 G.M.T within one degree of latitude 20½ °N and longitude 89 °E It further intensified into a cyclonic storm, moved northnorthwestwards crossed Sunderban's coast and today lies with its centre at 0300 G.M.T about 40 miles to the east-south-east of Calcutta. It has caused widespread rain/thundershowers in Dacca division, fairly widespread in Khulna division and local in Rajshahi and Chittagong divisions

Chief amounts of rainfall are :—Cox's Bazar 5", Barisal (upto 21,00002) and Nagarparker 1½" each, Dinajpur 1", Chittagong, Khulna and Parachinar 3/4" each, Mymensingh, Faridpur, Satkhira, Pabna and Umerkot 1/2" each and Maijdee Court, Narayanganj, Jessore and Lahore 1/4" each.

Day temperatures: were 7—10 °F (4—6 °C) below normal in Lahore, Sargodha and Multan divisions and in northern distts of Kalat division and 3—6 °F (2—3 °C) so elsewhere over the country outside the northern parts of East Pakistan and Karachi, Hyderabad and coastal Kalat divisions where these were 3—6 °F (2—3 °C) above normal.

Forecast valid until the evening of 22nd September, 1962:—Fairly widespread rain/thundershowers will occur in East Pakistan and in Lahore division and Kashmir. Local thunderstorm/showers are also likely to occur in Rawalpindi division and scattered in Peshawar, Sargodha, Multan and Bahawalpur divisions.

Karachi-11
The 21st September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	000	0	7	18	19	96	05	1	011	83	5	8	5	7	0	73	86
	Cox's Bazar	047	9	8	06	19	97	51	6	996	77	3	5	4	2	x	75	78
	Chittagong	000	0	3	13	13	96	03	2	995	82	8	6	5	x	x	73	88
	Maijdee Court	000	9	7	18	05	96	03	2	994	83	4	6	5	2	0	74	86
	Comilla	000	0	8	00	00	96	02	2	983	80	1	4	4	x	x	76	90
	Brahmanbaria	000	0	6	13	05	96	17	1	009	82	6	3	5	0	0	xx	89
	Sylhet	000	0	6	09	05	96	02	2	004	87	4	4	6	2	0	71	92
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh	000	0	8	13	02	97	02	1	006	88	8	7	4	x	x	80	90
	Narayanganj	023	4	8	09	03	95	02	9	001	84	8	4	2	x	x	76	92
	Dacca (Tezgaon)	001	5	8	13	02	97	02	9	997	83	4	3	4	2	x	75	89
	Faridpur	007	3	8	16	03	96	02	6	003	82	6	4	6	1	0	78	86
Khulna	Barisal	000	0	8	27	05	97	02	2	985	82	8	7	6	x	x	76	85
	Khulna	000	0	7	09	05	96	03	2	982	82	7	5	4	0	0	73	xx
	Satkhira	044	9	8	05	03	95	61	6	002	81	8	7	4	x	x	78	83
	Jessore	011	3	8	36	02	96	03	6	010	80	8	5	5	x	x	79	85
Rajshahi	Pabna	038	4	8	00	00	96	01	9	992	80	8	8	7	x	x	79	91
	Sirajganj	000	0	8	00	00	97	02	9	992	84	8	9	5	7	0	80	92
	Bogra	000	0	7	09	03	96	02	2	998	87	4	4	6	2	x	79	90
	Dinajpur	000	0	6	00	00	95	01	0	001	90	2	1	6	0	9	79	95
	Rangpur	000	0	2	05	02	96	01	1	001	89	1	2	6	1	0	82	94
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	016	4	5	13	07	96	01	9	995	80	2	5	6	7	0	71	89
	Sialkot	000	0	1	23	03	98	01	1	985	87	1	2	6	x	x	72	94
Rawalpindi	Jhelum	000	4	2	09	02	97	02	1	976	91	2	1	7	0	0	70	93
	Rawalpindi	000	0	0	18	02	99	00	0	971	88	0	0	9	0	0	64	91
	Campbellpur	000	0	0	13	04	98	00	0	945	80	6	9	9	0	0	69	98
Sargodha	Khushab	000	0	0	09	05	97	00	0	975	90	0	0	9	0	0	73	91
	Lyallpur	000	0	5	16	02	96	02	3	979	88	5	0	9	4	0	72	88
Multan	Montgomery	000	0	2	13	10	96	02	3	981	84	2	0	9	4	0	71	93
	Multan	000	0	2	36	02	98	01	0	959	97	2	1	6	0	0	65	99
	Leiah	000	0	4	13	05	98	00	1	003	98	2	1	9	2	0	70	02
Bahawalpur	Khanpur	000	0	3	05	13	94	07	0	957	96	1	1	6	0	4	73	98
	Bahawalpur	000	4	3	13	09	96	07	3	073	82	1	2	9	0	0	71	95
	Fort Abbas	000	0	5	09	02	97	02	0	970	85	0	2	8	0	0	74	96
Peshawar	Chakdara	000	0	0	36	02	97	00	0	941	87	0	0	9	0	0	66	88
	Peshawar	000	0	4	07	03	97	00	0	968	88	1	1	6	3	0	63	91
	Haripur	000	0	0	23	01	97	00	0	968	86	0	0	9	0	0	73	87
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	959	91	0	0	9	0	0	65	94
	D. I. Khan	000	2	0	05	02	98	00	0	965	93	0	0	9	0	0	67	94
Quetta	Sibi	000	0	0	18	02	97	05	0	952	09	0	0	9	0	0	37	11
Kalat	Nokkundi	000	0	1	31	09	97	01	2	032	85	0	0	9	0	1	33	89
	Turbat	000	0	0	05	05	95	05	0	993	00	0	0	9	0	0	41	03
	Jiwani	000	0	0	23	14	95	05	0	999	87	0	0	9	0	0	80	93
	Pasni	000	0	2	25	10	95	02	1	998	81	0	0	9	3	4	74	93
Karachi Division	Ormara	000	9	0	27	16	93	05	4	971	89	0	0	9	0	0	62	01
	Lasbela	000	0	3	00	00	97	03	0	961	86	3	0	8	3	0	74	08
	Karachi (Manora)	000	0	7	27	14	96	03	2	975	84	0	0	9	0	7	76	87
	Karachi (Airport)	000	0	7	23	10	96	02	2	978	86	0	0	9	0	8	79	93
Hyderabad	Nagarparkar	000	8	8	31	02	97	00	8	931	96	0	8	7	0	0	69	99
	Umerkot	000	0	8	27	02	98	03	0	941	94	4	5	7	0	8	74	03
	Hyderabad	009	0	6	18	02	97	02	2	961	98	2	5	6	0	1	74	03
	Badin	000	0	0	23	02	97	00	0	985	95	0	0	9	0	0	80	96
Khairpur	Padidan	000	0	4	31	05	98	02	0	954	02	1	1	6	0	8	65	02
	Nawabshah	000	0	7	31	05	96	03	1	960	02	1	1	6	0	8	64	05
	Sukkur	000	0	4	31	02	97	03	1	949	00	0	0	9	0	4	70	02
	Kashmore	000	0	8	05	05	99	02	0	996	93	8	1	2	0	0	63	93
	Jacobabad	000	0	0	18	02	97	02	0	947	00	0	0	9	0	0	87	01
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	5	19	03	97	02	2	410	73	3	3	6	3	0	55	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	000	0	6	31	07	98	03	1	068	54	2	5	8	5	0	26	61
	Aliabad *																	
	Gilgit *	000	0	6	00	00	98	01	1	422	73	6	5	8	0	0	53	85
Rawalpindi	Murree *	000	9	6	13	02	98	02	1	420	66	6	5	3	x	x	60	70
Peshawar	Drosh *	000	3	5	23	07	97	01	2	404	81	4	8	7	6	0	39	87
	Cherat *	000	0	0	18	01	98	00	0	383	79	0	0	9	0	0	64	92
	Kakul *	000	8	1	18	03	98	01	1	417	76	1	2	6	0	0	61	83
	Landikotal *	000	0	2	13	02	98	01	0	401	83	0	0	9	0	9	55	86
	Parachinar *	000	0	4	13	02	99	03	0	452	75	4	1	9	1	0	51	79
D.I. Khan	Miranshah *	000	0	0	05	02	99	00	0	428	87	0	0	9	0	0	74	92
	Wana *	000	0	4	00	03	99	00	0	513	71	4	1	9	0	0	59	93
Quetta	Fort Sandeman *	000	0	2	02	01	99	00	0	421	88	2	0	8	3	0	33	91
	Hindubagh *	000	0	0	25	04	96	00	0	386	80	0	0	9	0	0	53	85
	Loralai *	000	0	6	16	03	98	02	2	405	85	4	0	5	8	5	54	91
	Harnai *	000	0	1	31	09	97	06	0	394	96	0	0	9	0	0	57	98
	Quetta *	000	0	0	31	02	96	00	0	422	83	0	0	9	0	0	55	87
	Chaman *	000	0	0	23	07	98	00	0	436	80	0	0	9	0	0	30	81
	Nushki *	000	0	0	31	13	96	05	4	494	82	0	0	9	0	0	47	83
	Dalbandin *	000	0	0	09	03	93	05	4	461	87	0	0	9	0	0	41	88
Kalat	Kalat *	000	0	0	34	05	94	00	0	462	70	0	0	9	0	0	56	74
	Panjgur *	000	0	0	31	16	94	05	4	451	82	0	0	9	0	0	52	84
Afghanistan	Kabul *																	
	Kandhar *																	

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 d (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 TnT (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1962 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Cox's Bazar	084	9	8	18	19	97	61	6	055	74	6	7	2	2	x	73	71	— 9	— 5	99.3	— 6.1	110.1	140
	Chittagong	075	2	8	13	19	96	64	6	041	76	8	7	4	x	x	75	74	— 1	— 2	71.5	— 2.6	85.1	108
	Maijdee Court	025	3	8	13	31	93	95	6	025	76	8	7	4	x	x	75	76	— 1	— 2	74.2	— 6.1	93.7	101
	Comilla	001	1	8	13	09	96	01	6	007	82	8	4	4	x	x	79	77	— 2	0	48.6	—11.7	61.8	94
	Brahmanbaria	000	0	8	13	09	97	02	0	xxx	xx	7	5	5	0	0	77	80	—	—	43.7	— 1.9	61.1	78
	Sylhet	000	0	0	00	00	96	02	2	043	87	4	5	6	2	0	74	80	—	—	92.5	—	11.9	—
	Srimangal	000	0	2	00	00	96	02	0	047	84	2	0	4	0	0	77	78		+ 3	46.4	— 9.7	62.7	98
Dacca	Mymensingh	045	0	8	13	05	97	02	6	038	84	8	7	4	x	x	74	76	+ 4	— 1	47.0	—12.7	62.9	91
	Narayanganj	023	9	8	09	17	96	02	2	018	70	8	7	2	x	x	73	xx	+ 2	x	43.9	— 2.2	61.1	74
	Dacca (Tezgaon)	002	9	8	13	25	97	61	6	013	81	7	7	3	1	x	74	79	—	—	51.3	—	56.2	—
	Faridpur	045	0	8	16	26	96	61	6	080	78	7	5	3	1	0	75	71	— 1	— 7	34.0	—10.6	47.5	71
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	— 3					81
	Khulna	063	0	8	05	35	96	18	6	025	79	8	5	4	x	x	78	76	x	0	36.3	—10.0	42.7	68
	Satkhira	052	9	8	05	07	95	03	6	921	78	6	7	4	3	x	76	xx	— 6	x	45.9	— 2.4	52.1	65
	Jessore	031	8	8	09	35	96	60	6	937	79	8	x	x	x	x	76	76	—	—	36.5	— 5.0	46.7	65
Rajshahi	Pabna	043	9	6	09	37	98	01	9	990	82	6	5	6	0	0	74	77	—	—	37.3	—	55.7	59
	Sirajganj	000	0	8	13	14	97	01	2	016	83	8	2	0	0	0	74	77	+ 5	— 1	37.7	— 4.8	50.7	64
	Bogra	038	8	6	09	09	96	03	2	019	85	2	6	4	0	8	73	76	+ 2	— 1	36.1	—10.9	49.9	69
	Dinajpur	103	3	3	09	02	96	02	2	020	87	3	0	9	2	0	79	74	+ 7	— 3	42.7	—10.1	50.9	72
	Rangpur	000	0	5	09	02	96	01	2	040	85	5	0	9	1	0	78	79	+ 6	—	43.1	—14.9	65.3	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	028	2	8	05	02	96	50	6	997	71	5	6	4	2	1	70	71	— 9	+ 1	10.6	— 3.7	17.0	19
	Sialkot	000	0	7	13	05	98	02	5	007	73	7	5	6	x	x	68	72	— 1	0	22.1	— 1.0	26.5	32
Rawalpindi	Jhelum	000	0	3	00	00	97	02	0	994	75	1	5	7	3	0	70	73	—	—	21.6	—	27.7	—
	Rawalpindi	000	0	1	23	02	98	00	0	985	78	1	1	7	0	0	72	73	— 3	+ 6	26.5	+ 3.6	33.2	36
	Campbellpur	000	0	0	13	02	98	00	0	065	78	0	0	9	0	0	72	71	—	—	10.6	—	18.7	—
Sargodha	Khushab	000	0	0	00	00	98	00	0	993	78	0	0	9	0	0	76	72	— 8	— 2	2.9	— 7.1	7.7	15
	Lyallpur	000	0	4	36	02	96	01	0	989	75	0	0	9	0	3	73	75	— 10	+ 3	5.9	— 3.1	9.7	12
Multan	Montgomery	000	0	2	05	02	96	01	2	982	79	2	2	9	0	0	72	73	— 7	— 1	8.1	— 1.0	11.2	10
	Multan	000	0	1	36	02	98	02	0	985	79	1	0	9	3	0	70	75	0	0	1.2	— 3.6	2.9	7
	Leiah	000	0	0	00	00	97	00	0	998	80	0	0	9	0	0	71	74	—	—	1.7	—	3.5	8
Bahawalpur	Khanpur	000	0	0	10	05	95	05	0	989	80	1	0	9	3	0	70	74	— 3	0	0.2	+ 1.3	7.1	6
	Bahawalpur	000	0	0	00	00	98	00	0	994	77	0	0	9	0	0	72	xx	— 5	x	2.9	— 1.3	3.6	6
	Fort Abbas	000	0	2	36	02	93	00	0	987	75	0	0	9	0	3	72	72	—	—	0.6	—	0.9	8
Peshawar	Chakdara	000	0	0	36	02	97	00	0	989	71	0	0	9	0	0	61	64	—	—	6.8	—	16.1	—
	Peshawar	000	0	0	02	02	97	02	0	985	77	0	0	9	0	0	69	72	— 4	+ 3	1.9	— 2.3	8.5	11
	Haripur	000	0	0	05	01	97	00	0	982	78	0	0	9	0	0	69	69	—	—	20.5	—	27.2	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	983	79	0	0	9	0	0	70	76	—	—	2.0	—	5.0	11
	D. I. Khan	000	0	0	00	00	98	00	0	992	79	0	0	9	0	0	72	75	— 6	+ 2	1.6	— 3.7	4.4	9
Quetta	Sibi	000	0	5	36	02	97	05	0	997	86	0	1	9	2	2	27	82	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	0	0	34	19	97	02	0	078	68	0	0	9	0	0	25	59	—	—	0	—	0.1	2
	Turbat	000	0	0	05	04	96	05	0	038	85	0	0	9	0	0	70	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	0	36	02	96	05	0	026	83		0	9	0	0	77	78	—	—	1.2	—	1.9	5
	Pasni	000	0	0	29	04	96	05	1	979	81	0	0	9	0	0	77	77	+ 4	+ 5	0	— 0.9	0.2	6
Karachi Division	Ormara	000	0	0	00	00	93	05	4	005	84	0	0	9	0	0	48	80	—	—	0.1	— 0.7	2.0	6
	Lasbela	000	0	4	23	02	98	04	0	964	89	4	0	9	4	0	81	83	—	—	0	—	0	8
	Karachi (Manora)	000	0	0	25	14	98	05	0	998	79	0	0	9	0	0	73	77	+ 2	+ 1	2.1	— 4.5	9.1	8
	Karachi (Airport)	000	0	6	23	09	96	03	1	996	82	0	0	9	0	6	79	81	—	—	10.7	—	10.7	—
Hyderabad	Nagarparkar	130	0	8	31	05	97	00	0	973	82	0	8	7	0	0	73	xx	—	—	10.6	—	10.6	—
	Umerkot	060	0	8	20	04	96	03	0	986	80	8	9	6	0	0	77	74	—	—	7.8	—	7.9	—
	Hyderabad	000	0	8	20	07	96	03	2	987	82	0	0	9	0	7	76	81	+ 6	+ 6	15.6	— 9.7	16.2	7
	Badin	000	0	8	23	02	97	01	0	005	81	8	0	9	0	1	77	79	+ 1	+ 4	6.5	— 0.7	7.1	9
Khairpur	Padidan	002	7	0	31	02	97	02	6	986	83	0	0	9	0	0	77	80	—	—	2.8	—	3.4	—
	Nawabshah	000	0	0	18	09	xx	xx	x	992	82	0	0	9	0	0	73	79	—	—	2.8	—	3.2	—
	Sukkur	000	0	0	16	03	96	02	0	985	85	0	0	9	0	0	73	82	—	—	2.5	—	2.5	4
	Kashmore	000	0	0	00	00	99	00	0	984	82	0	0	9	0	0	67	77	—	—	0.5	—	0.5	—
	Jacobabad	000	0	4	07	05	96	03	0	990	84	2	4	6	3	9	81	82	— 2	+ 7	2.0	— 0.2	2.9	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **	000	0	2	36	02	98	01	0	080	50	0	0	9	3	0	31	41	—	—	—	—	—	—
	Aliabad *																							
	Gilgit *	000	0	0	00	00	96	00	0	428	69	0	0	9	0	0	45	64		—	—	...		5
Rawalpindi	Murree *	000	0	2	00	00	98	01	1	412	57	2	0	9	4	0	51	53	+ 1	— 1	29.9	— 4.5	47.9	59
Peshawar	Drosh *	000	9	0	00	00	98	02	2	435	71	0	0	9	0	0	43	61	— 1	—	9.6	—	16.5	18
	Cherat *	000	0	0	02	03	98	02	0	372	68	0	0	9	0	0	60	63	+ 8	— 1	11.8	0	35.9	29
	Kakul *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Landikotal *	000	0	0	00	00	97	00	0	400	76	0	0	9	0	0	60	64	—	—	4.2	—	20.3	—
	Parachinar *	075	7	0	00	00	99	00	6	990	60	0	0	9	0	0	52	60	— 1	+ 4	12.2	—	25.8	29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	428	78	0	0	9	0	0	66	69	—	—	1.1	— 3.3	29.5	13
	Wana *	000	0	0	00	00	98	00	0	517	64	0	0	9	0	0	50	59	—	—	4.9	—	13.2	11
Quetta	Fort Sandeman *	000	0	0	25	01	98	02	0	438	70	0	0	9	0	0	23	66	0	+ 3	5.5	+ 0.5	10.2	11
	Hindubagh *	000	0	0	25	12	97	00	0	427	60	0	0	9	0	0	41	51	—	—	0.8	—	4.6	—
	Loralai *	000	0	6	00	00	99	01	2	429	71	0	0	9	1	2	45	60	—	—	1.1	—	4.6	9
	Harnai *	000	0	0	31	05	97	00	0	402	76	0	0	9	0	0	53	71	—	—	5.7	— 1.7	8.8	14
	Quetta *	000	0	0	23	02	96	00	0	449	62	0	0	9	0	0	39	48	—	—	0.1	— 0.9	4.3	9
	Chaman *	000	0	0	13	07	98	00	0	448	64	0	0	9	0	0	27	53	— 9	— 6	0	— 0.1	1.3	8
	Nushki *	000	0	0	26	09	96	05	4	494	63	0	0	9	0	0	41	60	—	—	0	—	0.2	—
	Dalbandin *	000	9	0	25	05	94	05	4	449	60	0	0	9	0	0	31	57	— 11	— 1	0	— 0.2	1.1	4
Kalat	Kalat *	000	0	0	18	02	96	00	0	465	50	0	0	9	0	0	40	43	— 9	— 3	0.2	— 1.0	2.1	7
	Panjgur *	000	0	0	18	03	95	05	4	448	65	0	0	9	0	0	36	62	— 10	— 1	0.3	—	1.3	5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FRIDAY THE 21st SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Riyadh Maru	53 228	610 00	4 18 00	97 0 31	020 79	42 3 00	36 1 05	...	00 0 xx	11 8 31
Safina-e-Hajjaj	53 219	681 00	6 24 09	97 0 21	012 82	9x 0 xx	33 4 05	...	05 1 76	12 7 xx
Alamak	53 247	656 06	8 27 10	97 0 22	030 84	08 4 1x	26 5 00	...	00 1 79	12 7 33
Riyadh Maru	53 218	624 06	5 20 07	98 0 31	050 84	41 4 10	36 3 10	...	00 4 xx	12 0 21
Safina-e-Hajjaj	53 213	685 06	3 24 09	97 0 10	034 86	31 3 xx	33 2 01	...	00 3 70	12 7 xx
Maaskerk	53 182	574 12	8 22 10	96 0 51	005 82	80 4 xx	15 6 26	...	01 0 25	12 2 22
[illegible]	53 201	588 12	5 88 12	97 0 11	017 77	00 9 00	16 6 18	...	00 1 73	12 0 21
Fakirjeecowas	50 229	678 12	4 23 13	98 0 32	046 80	33 x xx	...	...	...	...
Safina-e-Hajjaj	53 196	697 18	3 24 09	97 0 10	034 83	xx x xx	33 2 01	...	05 2 80	1x x xx
Riyadhmaru	53 198	651 18	6 25 06	97 0 51	050 84	64 3 xx	36 4 15	...	00 2 xx	12 5 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPP $TTTT_dT_dT_d$	1000_{mb}	900_{mb}	850_{mb} HHHTTT$T_dT_dT_d$	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	996 272 255	...	...	139 178 095	...	301 065 999	427 025 999	569 995 999	739 662 999	949 812	226 985	...	...
Lahore ...	00 00	974 255 212	...	...	139 178 999	...	303 110 999	429 035 999	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	958 242 218	...	...	140 228 152	...	305 118 999	433 048 999	579 545 999	750 695 999	958 820	239 915	...	...
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. HHHHTT	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	900 215 182	800 145 005	...	...	...	...	...	...	...	800 145 005	...	...
Lahore ...	00 00	900 202 195	800 145 999	...	...	...	...	...	...	...	800 145 999	...	...
Multan ...													
Peshwar ...	00 00	900 242 185	800 182 142	...	...	...	...	...	...	...	800 182 142	...	...
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*

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 20	12 24	14 28	13 39	13 46	11 33	...	...	...
Chaklala ...	...	23 03	21 02	23 04	36 02	26 02	34 04	33 08	24 31
Chhor ...	27 18	28 19	28 11	32 09	01 13	35 23	35 30	35 28	33 14
Chittagong ...	14 27	14 38	15 42	15 41	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...
Dacca ...	13 20	12 24	14 28	13 39	13 46	11 33	...	...	...
Dalbandin ...	...	...	05 04	02 03	31 05	...	...	...	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	22 11	16 07	...	...	...
Fort Sandeman ...	...	...	...	33 04	32 08	30 12	29 14	29 19	30 14
Jacobabad ...	21 04	25 02	27 04	35 12	35 13	30 10	29 13	29 16	28 15
Jessore ...	08 19	10 27	10 38	...	...	...	...	...	...
Jhelum ...	10 01	13 03	13 03	01 04	36 04	33 08	36 06	27 19	22 40
Jiwani ...	23 10	36 03	02 12	02 23	01 18	...	...	...	...
Karachi ...	25 08	17 03	15 03	02 03	02 12	01 10	35 13	34 14	29 13
Khanpur ...	03 18	03 21	02 19	02 21	03 19	34 17	...	...	...
Lahore ...	10 07	09 11	09 13	07 13	05 17	03 19	01 22	30 17	...
Multan ...	06 13	06 13	05 13	36 10	33 22	33 19	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	01 10	...	...	...	...	...
Peshawar ...	...	06 06	05 03	30 01	26 04	31 10	31 12	30 09	...
Quetta ...	...	...	...	...	29 09	30 12	31 13	30 15	26 15
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 ...	10 27	10 38	...	...	...	...
Chaklala ...	...	26 07	30 07	32 11	32 08	33 12
Chhor ...	23 20	24 07	29 03	31 12	32 13	36 15
Chittagong ...	No	Ascent	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...
Dacca ...	No	Ascent	...	...	...	...
Dalbandin ...	...	...	25 11	27 11	33 12	33 12
D.I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	34 09	36 09	28 07
Jacobabad ...	12 10	15 13	14 08	28 08	29 17	28 11
Jessore ...	No	Ascent	...	...	...	...
Jhelum ...	19 07	21 04	27 01	35 06	01 13	35 13
Jiwani ...	02 08	03 09	02 09	01 09	36 09	...
Karachi ...	...	...	...	...	...	...
Khanpur ...	02 12	02 11	02 11	34 15	...	...
Lahore ...	06 08	07 17	...	...	...	...
Multan ...	02 11	04 10	01 10	35 17	35 22	...
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	33 09	33 29	...
Peshawar ...	...	36 04	03 03	08 04	18 09	25 10
Quetta ...	...	...	...	...	29 07	29 07
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 ...	10 24	10 38	11 33	...	...	...	...	...	...	...	...
Chaklala ...	...	17 05	24 04	29 05	35 07	...	...	...	...	...	...
Chhor ...	24 19	24 20	...	...	...	...	...	...	...	...	...
Chittagong ...	16 37	16 29	17 34	19 31	19 31	...	...	...	...	...	...
Cox's Bazar ...	No	Ascent	...	...	...	...	...	...	...	...	...
Dacca ...	12 41	...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	10 01	19 02	32 04	29 18	31 23	27 17	29 13	...	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	06 04	06 12	36 23	36 23	36 32	...	...
Fort Sandeman ...	...	...	...	25 01	25 04	24 06	10 03	07 05	29 04	...	...
Jacobabad ...	33 07	31 09	31 09	34 02	21 10	21 13	22 19	22 15	31 13	34 14	...
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	14 06	12 07	09 06	01 07	...	...	...	...	...	...	...
Jiwani ...	03 11	01 15	34 14	34 14	34 15	21 16	31 18	31 12	31 12	29 12	30 17
Karachi ...	31 14	31 17	32 17	...	...	...	...	...	...	...	...
Khanpur ...	02 02	34 08	33 10	32 12	32 12	...	...	...	...	...	...
Lahore ...	06 10	08 09	...	...	...	...	...	...	...	...	...
Multan ...	13 06	01 06	01 08	02 13	02 13	01 18	35 17	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	35 13	36 16	...	...	...	...	...	...
Peshawar ...	...	12 06	11 04	31 09	31 15	33 27	36 15	32 13	30 27	29 09	21 13
Quetta ...	...	...	...	...	32 05	30 08	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	10 12	10 19	31 10	13 20	13 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	18.0	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 14	30 12	34 15	34 16	32 16	32 14	31 09	28 08	27 12	30 15	30 15	29 19	...	...	...	...	...	...
Peshawar ...	...	36 17	03 14	36 12	36 12	34 09	33 15	34 15	34 15	28 13	26 28	25 38	26 36	29 42	...	...	...	...
Quetta ...																		

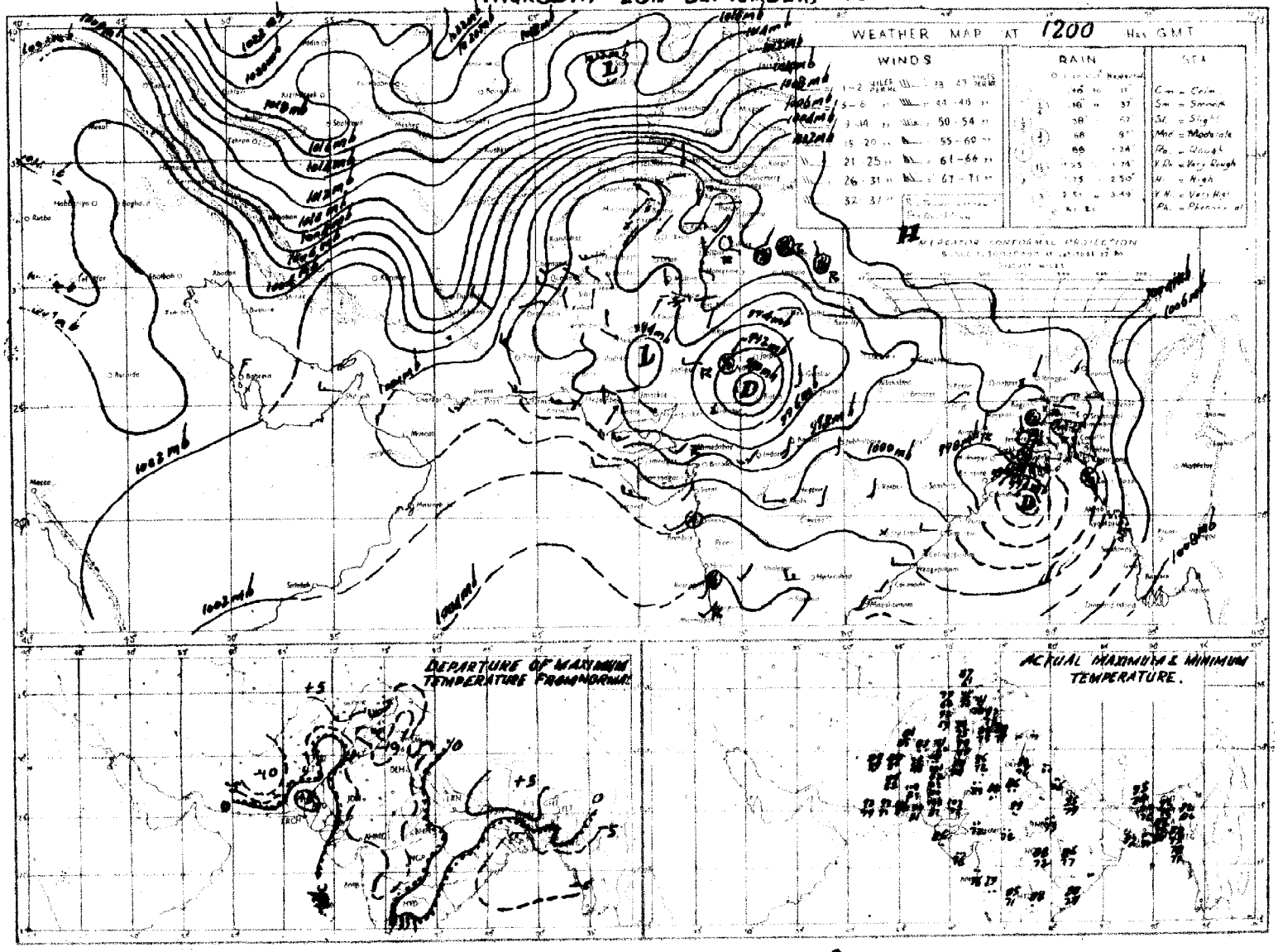
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd VrVr etc.)

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

PAKISTAN DAILY WEATHER MAP

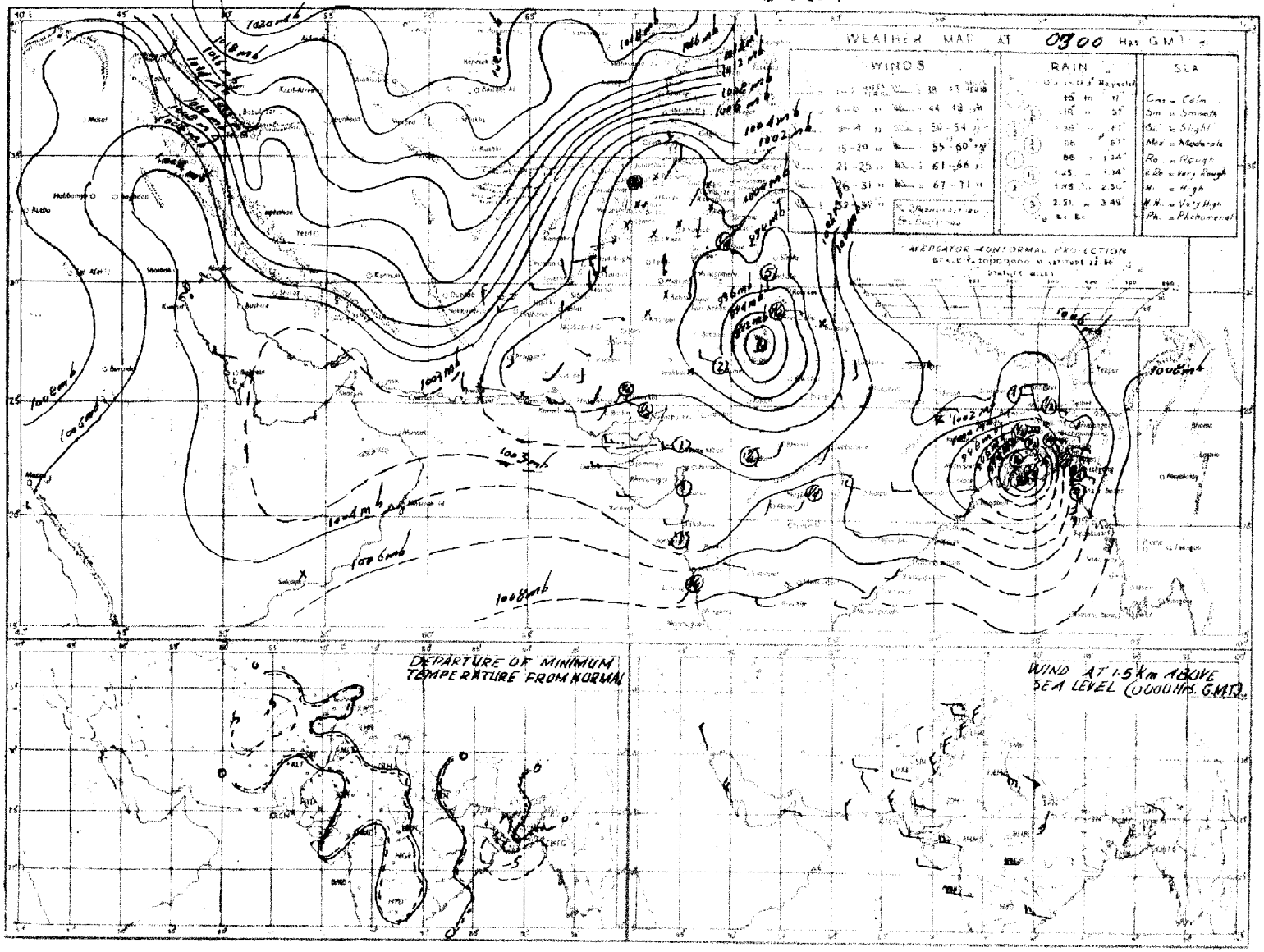
THURSDAY 20th SEPTEMBER, 1962.



Rainfall amounts indicate in the above chart refer to last 9 hours

PAKISTAN DAILY WEATHER MAP

FRIDAY 21st SEPTEMBER, 1962.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

SATUDAY THE 22nd SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's cyclonic storm moved northnorthwestwards and was centred last evening at 1200 G.M.T. about 30 miles northwest of Calcutta. It further moved north westwards and today lies with its centre at 0300 hours G.M.T. close to Asansol. It is likely to continue move in the same direction and weaken.

Under its influence rain/thundershowers have been widespread in East Pakistan outside Chittagong division where these were local. Locally moderate to heavy falls have also been reported from Dacca and Khulna divisions.

The deep depression moved northwards and lay with its centre last evening at 1200 hours G.M.T. about 80 miles Southwest of Celhi. It thereafter moved rapidly northnortheastwards and is centred this morning at 0300 hours G.M.T. about 90 miles northnortheast of Simla. It is likely to break up in the hills.

Yesterday's westerly low pressure wave now lies over Peshawar and adjoniing Rawalpindi division.

Widespread rain with locally heavy falls has been reported from Lahore division and scattered light rain from Rawalpindi division.

Chief amounts of rainfall are :—Barisal and Sialkot 5" each; Dacca Faridpur and Khulna 4" each; Narayanganj 3" Mymensingh, Jessore and Lahore 2" each; Maijdee Court and Pabna 1½" each; Bogra and Rungpur 1" each; Cox's Bazar, Satkhira and Dinajpur 1/2" each and Chittagong and Comilla 1/4" each.

Day temperatures were 10—20°F (6—11°C) below normal in Lahore, Sargodha and Khulna divisions and in northern parts of Kalat division and 3—7°F (2—4°C) so elsewhere over the country outside Karachi and Hyderabad divisions and coastal districts of Kalat division.

Forecast valid until the evening of 23rd September, 1962:—Fairly widespread rain/thundershowers will occur in East Pakistan and Kashmir, local in Rawalpindi and Lahore divisions and scattered in Peshawar, Multan and Sargodha divisions.

Heavy rainfall warning:—Locally moderate to heavy rain will continue to fall in East Pakistan during next 24 hours.

Earthquake report:—An earthquake of severe intensity was recorded by the Seismograph Geophysical Institute Quetta at 11 hours 57 minutes 11 seconds W.P.S.T. of 22nd September, 1962. The epicentre of the shock lies east of Quetta at a distance of 1800 miles.

Karachi-11
The 22nd September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati ...																	
	Cox's Bazar ...	022	9	8	18	17	97	61	6	043	77	5	5	4	2	x	74	78
	Chittagong ...	023	6	8	13	16	96	61	6	034	78	8	7	5	x	x	72	80
	Maijdee Court ...	120	9	8	13	25	94	63	6	015	78	8	7	4	x	x	76	88
	Comilla ...	005	9	8	13	13	96	61	6	001	80	8	4	4	x	x	76	88
	~~Brahmanbaria~~ ...	000	0	7	13	10	97	03	1	023	81	7	5	5	0	0	77	85
	Sylhet ...	007	7	8	09	02	96	02	6	033	81	7	9	9	2	0	xx	89
	Srimangal ...	000	0	4	00	00	94	02	0	036	86	4	0	3	0	0	71	88
Dacca	Mymensingh ...	000	0	8	13	13	97	02	1	015	82	8	7	4	x	x	75	87
	Narayanganj ...	038	5	8	13	10	96	03	6	991	79	8	4	2	x	8	75	xx
	Dacca (Tejgaon) ...	028	9	8	13	30	96	61	6	985	79	8	7	2	2	x	76	81
	Faridpur ...	072	6	8	11	25	95	61	6	953	77	7	4	5	1	x	75	80
Khulna	Barisal ...	222	9	8	09	44	96	51	6	990	78	8	7	6	x	x	77	79
	Khulna ...	023	1	0	x	x	96	53	5	954	78	8	7	4	x	x	77	77
	Satkhira ...	056	9	0	00	00	95	61	6	953	77	8	9	4	x	x	76	79
	Jessore ...	138	9	8	18	05	95	60	6	938	77	8	8	5	x	x	75	77
Rajshahi	Pabna ...	039	6	8	09	37	96	50	6	947	78	8	7	6	x	x	77	83
	Sirajganj ...	030	4	8	09	17	96	02	5	981	79	8	7	4	0	0	74	94
	Bogra ...	007	3	8	09	09	96	02	6	986	82	6	5	5	2	x	73	86
	Dinajpur ...	000	0	7	09	05	95	02	1	991	84	3	5	6	2	x	74	xx
	Rangpur ...	000	0	7	09	05	96	03	2	003	85	7	5	6	0	0	76	92
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	093	9	8	05	02	96	50	6	985	70	7	6	4	7	x	69	75
	Sialkot ...	154	4	8	13	05	97	21	6	993	70	8	5	5	x	x	69	75
Rawalpindi	Jhelum ...	000	3	3	13	07	97	02	1	963	81	1	1	7	3	0	65	91
	Rawalpindi ...	000	1	1	13	05	99	01	1	951	84	1	6	6	0	0	68	90
	Campbellpur ...	000	0	2	16	03	98	01	0	953	91	2	1	8	0	0	67	92
Sargodha	Khushab ...	000	0	2	08	10	96	00	0	958	87	2	3	6	0	0	77	98
	Lyallpur ...	000	0	6	36	02	96	02	3	956	85	6	0	9	4	0	69	85
Multan	Montgomery ...	000	0	0	31	02	96	02	0	945	85	0	0	9	0	0	68	87
	Multan ...	000	0	0	00	00	98	02	0	941	95	0	0	9	0	0	67	97
	Leiah ...	000	0	4	13	04	95	00	1	954	97	4	4	9	4	0	73	02
Bahawalpur	Khanpur ...	000	0	0	00	00	94	06	0	949	95	0	0	9	0	0	70	97
	Bahawalpur ...	000	0	0	31	02	98	00	0	xxx	93	0	0	9	0	0	71	94
	~~Fort Abbas~~ ...	000	0	0	18	02	98	00	0	940	86	0	0	9	0	0	73	88
Peshawar	Chakdara ...	000	0	0	18	02	97	00	0	918	80	0	0	9	0	0	65	90
	Peshawar ...	000	0	1	02	03	97	02	0	927	90	1	1	6	0	0	63	93
	Haripur ...	000	0	0	23	01	97	00	0	936	96	0	0	9	0	0	67	90
D. I. Khan	Bannu ...	000	0	0	00	00	99	00	0	927	93	0	0	9	0	0	61	95
	D. I. Khan ...	000	0	0	00	00	98	00	0	939	94	0	0	9	0	0	72	95
Quetta	Sibi ...	000	0	0	13	02	97	05	0	953	01	0	0	9	0	0	43	03
Kalat	Nokkundi ...	000	0	0	34	09	97	02	0	015	82	0	0	9	0	0	21	84
	Turbat ...	000	0	0	09	03	98	00	0	999	02	0	0	9	0	0	66	04
	Jiwani ...	000	0	0	18	14	96	05	0	004	87	0	0	9	0	0	74	96
	Pasni ...	000	0	4	23	08	96	02	1	983	84	0	0	9	3	0	81	93
Karachi Division	Ormara ...	000	9	0	25	09	93	05	4	978	95	0	0	9	0	0	41	60
	Lasbela ...	000	0	3	00	00	97	03	0	955	92	3	0	9	3	0	84	05
	Karachi (Manora) ...	000	0	0	27	12	95	05	0	976	85	0	0	9	0	0	74	83
	Karachi (Airport) ...	000	0	0	25	07	96	06	0	980	92	0	0	9	0	0	58	98
Hyderabad	Nagarparkar ...	000	0	1	23	04	97	00	0	968	88	0	1	8	0	0	66	93
	Umerkot ...	000	0	8	23	03	98	03	0	962	92	8	5	7	0	0	75	03
	Hyderabad ...	000	0	0	23	02	97	02	0	963	97	0	0	9	0	0	64	99
	Badin ...	000	0	0	23	02	97	00	0	006	93	0	0	9	0	0	74	95
Khairpur	Padidan ...	000	0	0	31	07	97	02	0	953	00	0	0	9	0	0	64	01
	Nawabshah ...	000	0	0	36	03	96	00	0	963	00	0	0	9	0	0	56	xx
	Sukkur ...	000	0	0	34	03	96	02	0	949	94	0	0	9	0	0	70	97
	Kashmore ...	000	0	0	00	00	99	00	0	989	95	0	0	9	0	0	64	xx
	Jacobabad ...	000	0	0	25	03	97	05	1	957	96	0	0	9	0	0	78	99
Junagadh	Veraval ...																	
Afghanistan	Jalalabad ...																	
Arabia	Muscat ...																	
	Kuwait ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...	xxx	x	8	18	03	95	63	6	432	56	8	7	5	x	x	53	66
	~~Gulmarg~~ ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...	xxx	x	9	00	00	95	61	6	106	49	9	x	x	x	x	40	52
	Skardu * ...																	
	Misgar ** ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	~~Aliabad~~ * ...																	
	Gilgit * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rawalpindi	Murree * ...	000	9	6	23	02	96	02	1	392	62	6	5	4	0	0	58	66
Peshawar	Drosh * ...	000	0	0	23	03	99	02	0	361	88	0	0	9	0	0	20	94
	Cherat * ...	000	0	0	13	05	98	02	0	353	80	0	0	9	0	0	65	92
	Kakul * ...	000	8	3	20	07	98	01	1	313	76	3	2	6	0	0	62	79
	Landikotal * ...	000	0	1	13	05	97	01	0	368	88	1	1	7	0	0	46	99
	Parachinar * ...	000	0	4	13	02	99	00	0	440	76	4	0	9	1	0	43	78
D. I. Khan	Miranshah * ...	000	0	2	05	09	99	03	2	408	88	2	4	9	0	0	77	80
	Wana * ...	000	0	0	00	00	99	00	0	513	86	0	0	9	0	0	58	88
Quetta	~~Fort Sandeman~~ * ...	000	0	0	02	00	99	02	0	393	86	0	0	9	0	0	35	88
	Hindubagh * ...	000	0	0	23	14	96	00	0	374	77	0	0	9	0	0	46	80
	Loralai * ...	000	0	6	11	02	99	02	2	387	80	0	0	9	2	1	51	86
	Harnai * ...	000	0	0	13	05	97	00	0	396	90	0	0	9	0	0	81	91
	Quetta * ...	000	0	0	31	02	96	00	0	422	72	0	0	9	0	0	66	76
	Chaman * ...	000	0	0	31	09	98	00	0	415	76	0	0	9	0	0	29	77
	Nushki * ...	000	0	0	31	13	97	05	4	471	78	0	0	9	0	0	41	79
	Dalbandin * ...	000	0	0	13	05	94	05	0	441	84	0	0	9	0	0	33	85
Kalat	Kalat * ...	000	0	0	34	03	96	00	0	443	65	0	0	9	0	0	50	69
	Panjgur * ...	000	0	8	36	16	96	02	0	435	81	0	0	9	0	0	46	83
Afghanistan	Kabul * ...																	
	Kandhar * ...																	

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 d (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 TnT (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1962 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1962 to date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati ...	005	0	6	18	02	98	05	1	093	85	4	8	6	7	x	78	78			—			—
	Cox's Bazar ...	057	2	7	18	19	97	02	8	074	88	4	8	4	7	0	77	77	— 9	+ 1	99.9	—69.0	110.7	149
	Chittagong ...	023	0	8	13	13	97	61	2	071	82	8	6	6	x	x	76	74	— 7	— 2	71.8	— 2.7	85.3	108
	Maijdee Court ...	165	6	8	13	09	96	48	2	xxx	xx	5	5	5	2	x	79	77	— 1	— 1	75.7	— 5.3	95.4	101
	Comilla ...	033	5	8	13	18	96	02	6	049	82	8	4	4	x	x	78	76	0	— 1	49.0	—11.7	62.2	94
	~~Brahmanbaria~~ ...	005	9	7	13	09	97	03	1	066	82	7	5	5	0	0	76	78	—	—	43.7	— 2.2	61.2	78
	Sylhet ...	...																						
	Srimangal ...	000	0	7	14	40	96	03	0	086	85	3	7	3	0	0	78	77	— 3	+ 2	46.4	—10.1	62.7	98
Dacca	Mymensingh ...	199	8	8	13	05	96	64	6	066	74	8	7	4	x	x	74	73	0	— 4	49.0	—11.2	65.0	91
	Narayanganj ...	275	9	8	13	12	96	60	6	058	80	8	7	2	x	x	77	76	x	— 3	44.7	+ 0.3	63.8	74
	Dacca (Tejgaon) ...	378	6	8	18	05	96	97	9	057	74	7	9	3	2	x	73	74	—	— 2	55.1	—	63.0	—
	Faridpur ...	353	3	8	18	13	95	80	9	035	76	8	5	5	0	0	73	75	— 7	— 3	37.5	— 7.4	51.0	71
Khulna	Barisal ...	456	9	6	09	31	96	03	6	051	83	4	7	6	4	0	79	73	— 8	— 5	—	—	—	81
	Khulna ...	683	9	8	00	00	96	02	5	037	77	8	7	4	x	x	76	75	— 11	— 2	41.2	— 5.4	46.6	68
	Satkhira ...	052	9	0	05	12	96	51	6	913	78	8	7	4	x	x	72	77	— 10	0	46.4	+ 2.6	52.6	65
	Jessore ...	209	9	8	18	11	95	63	9	020	79	8	7	5	x	x	78	76	—	—	38.6	— 3.3	48.8	65
Rajshahi	Pabna ...	129	9	8	13	13	95	60	6	019	28	8	7	6	x	x	77	76	—	—	38.6	—	57.0	59
	Sirajganj ...	...																	— 3					64
	Bogra ...	099	9	8	13	09	96	61	6	033	76	8	7	4	2	x	75	74	— 2	— 3	37.1	—10.2	50.9	69
	Dinajpur ...	050	9	8	09	12	95	61	6	028	76	8	7	6	x	x	75	72		— 5	43.2	—10.0	51.4	72
	Rangpur ...	104	8	8	07	09	96	61	6	050	83	8	7	6	x	x	83	78	—	—	44.1	—14.2	66.4	84
Kashmir	Jammu ...																							—
Lahore	Lahore (Jail Rd.) ...	216	9	8	00	00	96	03	6	005	69	5	7	4	2	x	67	67	— 23	— 3	12.7	— 1.6	19.1	19
	Sialkot ...	494	9	8	00	00	96	21	6	992	66	8	5	5	x	x	66	66	— 20	— 6	27.0	— 3.9	31.5	32
Rawalpindi	Jhelum ...	004	7	6	27	02	97	02	6	991	73	4	7	5	1	0	68	71	—	—	21.6		27.7	—
	Rawalpindi ...	000	0	5	00	00	99	03	2	994	72	3	1	7	6	0	69	69	— 3	+ 2	26.6	+ 3.5	33.2	36
	Campbellpur ...	000	0	5	23	02	98	02	1	xxx	80	0	0	5	7	5	68	71	—		13.6	—	18.9	—
Sargodha	Khushab ...	000	0	2	09	05	98	03	0	986	73	2	0	9	2	0	71	72	— 1	— 2	2.9	— 7.1	7.8	15
	Lyallpur ...	000	0	0	16	02	96	00	0	989	73	0	0	9	0	0	69	71	— 14	— 1	5.9	— 3.2	9.7	12
Multan	Montgomery ...	000	0	0	18	03	96	01	1	988	79	0	0	9	0	0	67	71	— 12	— 3	8.1	+ 0.9	11.2	10
	Multan ...	000	0	0	18	03	97	02	0	982	78	0	0	9	0	0	69	xx	— 1	x	1.2	— 3.6	2.9	7
	Leiah ...	000	0	1	13	08	96	03	1	001	79	1	7	8	0	0	67	72		—	1.7		3.5	8
Bahawalpur	Khanpur ...	000	0	0	23	14	94	07	4	983	79	0	0	9	0	0	67	74	— 4	0	6.2	+ 1.4	7.2	6
	Bahawalpur ...	030	0	0	13	02	98	00	0	004	82	0	0	9	0	0	74	xx	— 5	x	2.9	— 1.3	3.6	6
	~~Fort Abbas~~ ...	000	0	0	08	02	98	00	0	009	79	0	0	9	0	0	73	74	—		0.6	—	0.9	8
Peshawar	Chakdara ...	000	0	0	36	02	97	00	0	950	70	0	0	9	0	0	62	63	—	—	6.8	—	16.1	—
	Peshawar ...	000	0	1	31	02	97	02	0	979	76	1	1	8	0	0	67	74	— 1	+ 5	1.9	— 2.3	8.5	11
	Haripur ...	000	3	3	05	02	97	01	1	974	89	3	0	9	0	9	67	70	—	—	20.5	—	27.2	—
D. I. Khan	Bannu ...	000	2	4	09	01	99	03	0	983	75	0	0	9	0	3	69	73	—	—	2.0	—	5.8	11
	D. I. Khan ...	000	0	0	05	02	98	00	0	986	83	0	0	9	0	0	66	72	— 4	— 1	1.6	— 3.8	4.4	9
Quetta	Sibi ...	000	0	0	05	02	97	05	0	993	82	0	0	9	0	0	36	81	—	—	2.6	—	3.7	5
Kalat	Nokkundi ...	000	0	0	09	02	98	02	0	071	63	0	0	9	0	0	15	60	—	—	0	—	0.1	2
	Turbat ...	000	0	0	13	02	96	05	0	023	78	0	0	9	0	0	49	xx	—	—	1.8	—	4.6	—
	Jiwani ...	000	0	0	00	00	96	05	0	036	78		0	9	0	0	75	74	—	—	1.2	—	1.9	5
	Pasni ...	000	3	2	23	06	96	05	1	009	80	0	0	9	0	2	73	71	0	— 1	0	— 0.9	0.2	6
Karachi Division	Ormara ...	000	9	0	27	05	93	05	4	015	85	0	0	9	0	0	49	80	—	—	0.1	— 0.7	2.0	6
	Lasbela ...	000	0	4	23	02	98	04	0	992	91	4	0	9	4	0	61	77	—	—	0	—	0	8
	Karachi (Manora) ...	000	0	3	27	07	95	05	1	013	80	0	0	9	0	1	74	78	+ 3	+ 2	2.1	— 3.9	9.1	8
	Karachi (Airport) ...	003	0	0	25	02	96	02	0	010	83	0	0	9	0	0	70	75	—	—	10.7	—	10.7	—
Hyderabad	Nagarparkar ...	000	0	0	13	04	96	00	0	004	79	0	0	9	0	0	72	xx	—	—	10.6	—	10.6	—
	Umerkot ...	000	0	8	20	06	97	03	0	001	78	8	2	7	0	0	74	75	—	—	7.8	—	8.0	—
	Hyderabad ...	000	0	0	20	07	97	02	0	995	77	0	0	9	0	0	71	74	+ 1	— 1	15.6	+ 9.6	16.2	7
	Badin ...	000	0	0	23	05	97	00	0	025	83	0	0	9	0	0	76	77	0	+ 2	6.5	— 0.7	7.2	9
Khairpur	Padidan ...	000	0	0	23	02	96	06	0	985	75	0	0	9	0	0	53	69	—	—	2.8	—	2.4	—
	Nawabshah ...	003	0	0	18	02	96	01	0	996	75	0	0	9	0	0	61	67	—	—	2.8	—	3.2	—
	Sukkur ...	000	0	0	20	02	96	02	0	981	81	0	0	9	0	0	69	80	—	—	2.5	—	2.5	4
	Kashmore ...	000	0	0	00	00	99	00	0	982	82	0	0	9	0	0	67	60	—	—	0.5	—	0.5	—
	Jacobabad ...	000	0	0	00	00	97	02	0	981	82	0	0	9	0	0	87	77	— 3	+ 2	2.0	— 0.2	2.9	4
Junagadh	Veraval ...																							20
Afghanistan	Jalalabad ...																							
Arabia	Muscat ...																							4
	Kuwait ...																							5
	HILL STATIONS																							
Kashmir	Srinagar * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					26
	~~Gulmarg~~ ** ...																							—
	Sonamarg ** ...																							71
	Dras ** ...																							26
	Leh ** ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					3
	Skardu * ...																							6
	Misgar ** ...	000	0	1	05	02	98	01	0	056	48	0	0	9	4	0	14	38		—	—	—	—	—
	~~Aliabad~~ * ...																							—
	Gilgit * ...	000	0	0	00	00	98	00	0	423	63	0	0	9	0	0	48	58		—	—	—	—	5
Rawalpindi	Murree * ...	000	9	2	00	00	98	01	1	407	56	2	5	5	0	0	47	52	— 4	— 2	29.9	— 4.7	48.0	59
Peshawar	Drosh * ...	000	0	0	00	00	98	02	0	407	64	0	0	9	0	0	39	61	—	—	9.6	—	16.5	18
	Cherat * ...	000	0	7	18	01	98	03	0	361	66	0	0	9	0	9	xx	63	+ 8	— 1	11.8	0	35.9	29
	Kakul * ...	000	9	1	16	03	98	01	1	405	67	1	4	6	0	0	61	61	—	—	28.9	—	34.4	—
	Landikotal * ...	000	0	0	00	00	98	00	0	386	72	0	0	9	0	0	64	64	—	—	4.2	—	20.4	—
	Parachinar * ...	000	0	0	00	00	99	00	0	464	58	0	0	9	0	0	42	58	— 1	+ 2	12.2	—	23.8	29
D. I. Khan	Miranshah * ...	000	0	0	00	00	99	00	0	384	71	0	0	9	0	0	68	65	—	—	1.1	— 3.4	29.5	13
	Wana * ...	000	0	0	00	00	98	00	0	513	68	0	0	9	0	0	58	67	—	—	4.9	—	13.2	11
Quetta	~~Fort Sandeman~~ * ...	000	0	0	25	01	98	02	0	429	69	0	0	9	0	0	27	64	— 4	+ 1	5.5	+ 0.5	10.2	11
	Hindubagh * ...	000	0	0	25	16	97	00	0	407	62	0	0	9	0	0	39	54	—	—	0.8	—	4.6	—
	Loralai * ...	000	0	0	31	03	99	00	0	421	67	0	0	9	0	0	43	58	—	—	1.1	—	4.6	9
	Harnai * ...	000	0	0	31	05	97	00	0	387	72	0	0	9	0	0	53	68	—	—	5.7	— 1.7	8.8	14
	Quetta * ...	000	0	0	31	02	96	00	0	443	63	0	0	9	0	0	45	49	—	—	0.1	— 0.9	4.3	9
	Chaman * ...	000	0	0	09	05	98	00	0	436	61	0	0	9	0	0	24	55	— 12	— 6	0	— 0.2	1.3	8
	Nushki * ...	000	0	0	00	00	98	02	0	479	66	0	0	9	0	0	40	58	—	—	0	—	0.2	—
	Dalbandin * ...	000	0	0	00	00	95	05	0	432	58	0	0	9	0	0	26	55	— 13	— 3	0	— 0.2	1.2	4
Kalat	Kalat * ...	000	0	0	18	02	96	00	0	477	47	0	0	9	0	0	34	40	— 12	— 6	0.2	— 1.0	2.2	7
	Panjgur * ...	000	0	0	27	03	97	02	0	431	64	0	0	9	0	0	38	57	— 11	— 6	0.3	—	1.3	5
Afghanistan	Kabul * ...																							12
	Kandhar * ...																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 22nd SEPTEMBER, 1962.

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 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Safina-e-Hajjaj	63 190	702 09	4 24 09	97 0 20	038 82	9x 8 xx	33 4 00	...	05 3 76	12 7 xx
Hague	63 093	655 00	3 24 18	98 0 21	085 81	22 3 00	67 6 10	...	00 0 70	...
Riyadh Maru	62 188	666 00	4 25 08	98 0 31	020 81	36 8 15	xx x xx	...	05 2 xx	12 5 32
Dumra	62 199	703 00	8 26 09	98 0 22	019 82	9x x xx	75 7 07	...	00 2 77	12 7 22
Edzdi	63 174	561 04	2 25 16	97 0 12	075 44	16 7 05	10 2 20	...	00 6 70	12 5 22
Isanda	63 251	575 06	8 08 16	98 0 22	030 91	00 4 07	00 4 07	...	00 8 74	10 8 22
alchibal	63 246	681 06	0 05 09	98 0 00	036 90	00 9 00	76 2 15	...	00 4 70	10 4 21
madawarar	63 118	587 06	0 22 14	98 0 20	092 81	00 9 00	66 8 03	...	00 3 76	12 2 23
Safina-e-Hajjaj	63 183	706 06	6 24 09	97 5 02	064 83	97 4 2x	33 2 01	...	05 1 69	12 7 xx
Caltex Rotterdam	63 134	472 42	0 24 14	98 0 20	028 91	00 9 00	00 2 24	...	12 4 72	12 2 39
Dumra	63 217	693 12	5 28 09	98 0 31	012 82	32 3 20	75 6 15	...	00 0 77	12 9 22
Maaskerk	63 234	592 12	7 10 10	97 0 22	991 90	70 5 10	75 6 30	...	00 2 79	11 0 21
[illegible]	63 133	572 12	7 23 23	98 0 12	057 79	33 4 30	55 7 35	...	00 0 74	12 3 32
alchibal	63 258	571 12	8 23 06	97 0 31	010 91	86 5 xx	76 7 10	...	00 0 67	12 3 21
Binlana	63 199	628 12	5 22 11	98 0 31	082 81	52 3 00	36 6 09	...	05 2 74	12 3 21
Ess ansterdam	63 146	503 12	3 21 06	98 0 20	039 88	30 7 40	16 5 10	...	00 2 77	12 1 22
Safina Hajjaz	63 175	715 12	9 24 09	96 6 05	054 79	9x x xx	33 7 06	...	05 5 74	12 7 xx
Fakirjo	63 221	684 18	4 23 13	97 0 30	01x 83	33 x xx	...	...	...	...
Piydhmaru	63 158	705 18	1 27 16	97 0 22	075 82	14 4 xx	36 3 30	...	00 0 xx	12 5 32
Bintang	63 187	651 18	0 23 16	98 0 20	048 82	00 9 00	36 2 12	...	05 2 74	12 3 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPP $TTTT_dT_dT_d$	1000mb	900mb	850mb	800mb	700mb	600mb	500mb	400mb	300mb	200mb	150mb	100mb
			$HHHTTTT_dT_dT_d$								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	996 255 158	510 xxx xxx	...	140 023 990	...	305 100 980	431 259 998	577 510 990	751 625 995	965 772	246 975	431 110	673 282
Lahore ...	00 00	973 222 188	524 xx xxx	...	138 152 995	...	399 058 992	423 5x2 998	564 622 898	733 705 995	...	...	...	...
Multan ...														
Peshawar ...	00 00	955 242 188	...	...	136 168 995	...	397 028 995	420 572 992	560 640 990	727 718 995	935 822	...	...	...
Quetta ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels $PPPTTT T_dT_dT_d$									Max. Height Reached $PPPTTTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...													
Karachi ...	00 00	900 240 xxx	800 140 xxx	350 200 xxx	250 850 xxx	...	...	...	...	...	250 850 xxx	...	...
Lahore ...	00 00	900 182 172	800 122 995	...	...	...	...	...	...	...	800 122 995	...	...
Multan ...													
Peshawar ...	00 00	900 200 xxx	800 130 xxx	350 770 xxx	252 890 xxx	...	...	...	...	...	252 890 xxx	...	...
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*

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 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	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 ...	10 47	11 27	11 43	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	17 03	...	...	...	...	...	...	...	...	...
Chaklala ...	...	15 13	16 13	18 07	34 05	34 15	...	...	...	...	29 03	31 02	33 10	30 10	...	...	22 17	16 04	26 03	...	...	...	...	...	...	...
Chhor ...	22 14	22 14	25 15	25 13	...	...	...	...	...	23 19	23 18	...	...	...	...	21 16	19 19	21 17	22 17	26 79	24 21	28 17	24 13	26 18	...	...
Chittagong ...	16 29	16 36	18 39	xx xx	xx xx	...	...	...	...	17 29	18 33	18 29	19 27	...	...	18 19	...	19 22	18 27	20 19	...	...	...	...	...	...
Cox's Bazar ...	16 23	17 23	...	...	...	...	...	...	...	18 20	18 20	xx xx	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	No	...	...	Ascent	...	...	...	...	...	...	...
Dalbandin ...	...	...	09 05	10 02	36 05	34 18	26 12	29 17	31 28	...	...	20 04	33 05	33 12	07 06	...	...	24 03	31 05	33 13	33 10	34 18	31 25	31 24	28 20	30
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	25 10	26 01	28 06	33 03	12 03	...	...	...	22 01	24 02	28 05	...	...	...	...	18 01	12 04	36 07	33 12	33 13	32 19	...
Fort Sandeman ...	...	...	...	01 01	25 03	31 05	28 13	27 22	27 27	...	...	...	23 07	27 04	31 06	...	...	...	27 03	23 11	03 06	...	...	...	...	...
Jacobabad ...	22 07	25 06	27 05	25 12	24 21	25 15	30 14	29 14	29 21	36 10	34 08	32 07	33 07	29 04	29 06	32 08	36 10	25 01	25 01	03 04	33 06	30 15	31 15	30 18	27 25	29
Jessore ...	No	Ascent	...	...	...	...	...	...	...	No	Ascent	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	11 10	08 09	07 09	04 10	02 09	33 07	18 20	20 21	20 21	22 05	04 04	07 08	...	...	...	14 02	12 03	10 02	34 04	30 13	...	...	...	...	...	...
Jiwani ...	21 09	27 06	27 07	31 15	30 19	31 25	30 25	...	...	28 11	30 16	33 13	34 15	32 19	30 23	10 08	08 09	06 09	06 13	34 20	33 18	34 04	34 05	30 07	28 07	26
Karachi ...	26 10	28 13	27 14	28 19	...	...	...	...	...	...	...	...	...	...	...	28 14	28 15	27 17	27 21	27 25	29 08	31 07	31 05	28 08	30 12	31
Khanpur ...	22 03	22 03	29 03	29 03	30 07	28 12	27 21	...	...	23 08	24 13	27 13	27 15	...	...	20 10	21 10	22 10	23 11	23 13	...	...	...	...	...	...
Lahore ...	No	Ascent	...	...	...	...	...	...	...	33 07	01 08	04 10	...	...	...	13 05	13 05	13 07	...	...	...	...	...	...	...	...
Multan ...	15 06	19 03	11 01	30 04	31 12	31 24	30 30	...	...	14 08	23 09	23 17	24 21	...	...	20 11	20 09	20 09	19 20	18 12	16 16	17 24	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	34 10	33 16	30 28	...	...	...	...	...	...	33 15	34 31	...	...	...	...	...	01 08	36 21	34 15	31 10	34 13	31 10	30
Peshawar ...	...	03 16	08 15	13 10	20 14	29 12	31 27	31 24	28 16	...	32 08	33 09	33 04	34 04	00 10	...	05 04	06 04	16 04	28 09	26 13	26 10	28 07	28 09	26 17	26
Quetta ...	...	...	...	...	31 04	36 05	28 13	29 21	29 22	...	...	...	...	26 05	28 08	...	...	...	...	34 03	36 14	03 29	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	12 13	11 17	14 13	15 21	...	...	...	...	...	11 15	13 16	14 16	15 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 ...	23 23	31 28	30 33	30 39	29 39	30 34	30 17	30 08	30 39	29 16	29 23	30 14	30 14	33 12	35 16	28 13	19 09	10 19
Peshawar ...	...	34 09	32 10	36 06	33 09	33 10	24 06	25 11	27 18	25 28	27 35	27 43	...	...	...	...	...	...
Quetta ...																		

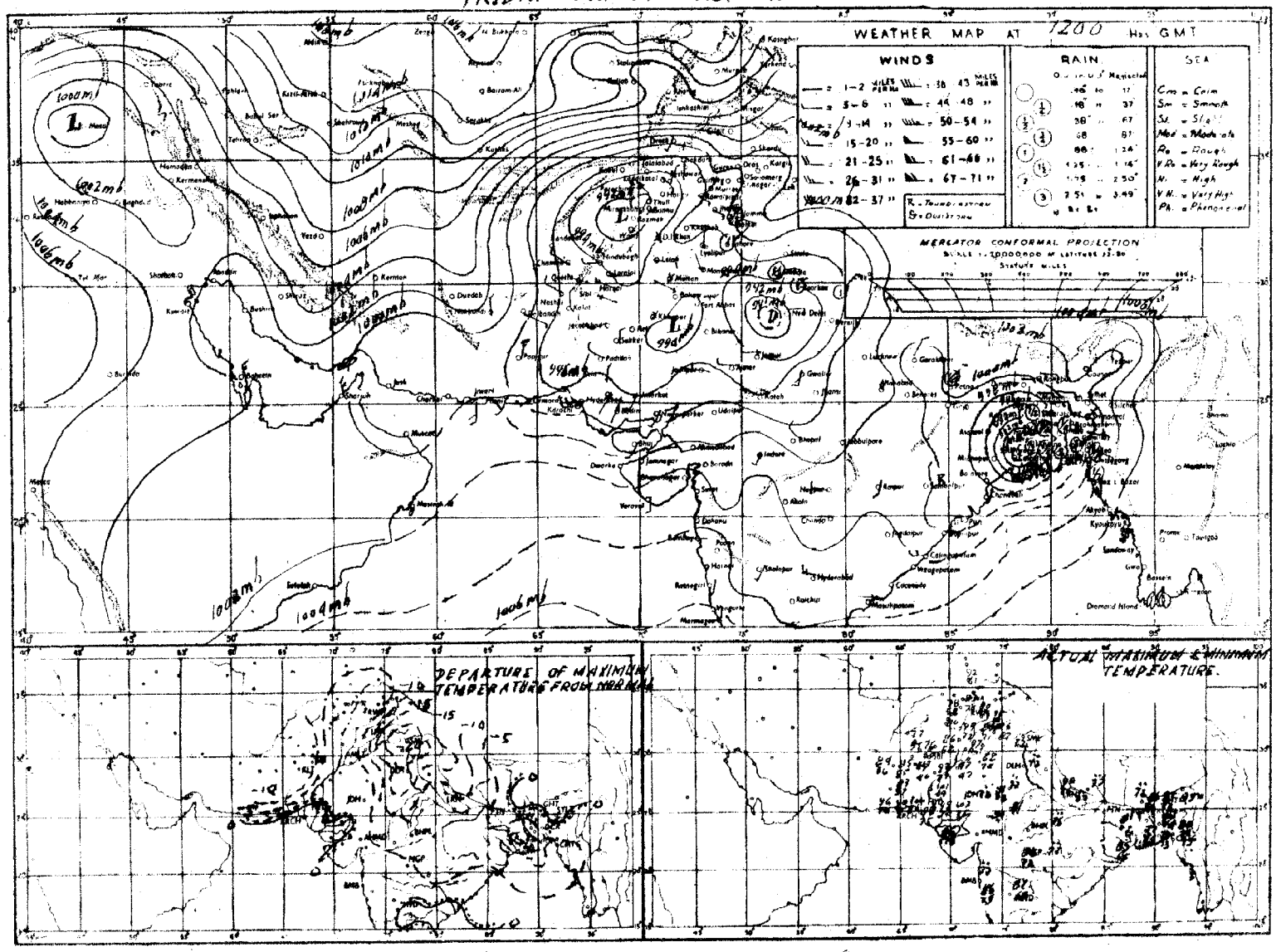
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGifi Cdd VrVr etc.)

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

PAKISTAN DAILY WEATHER MAP

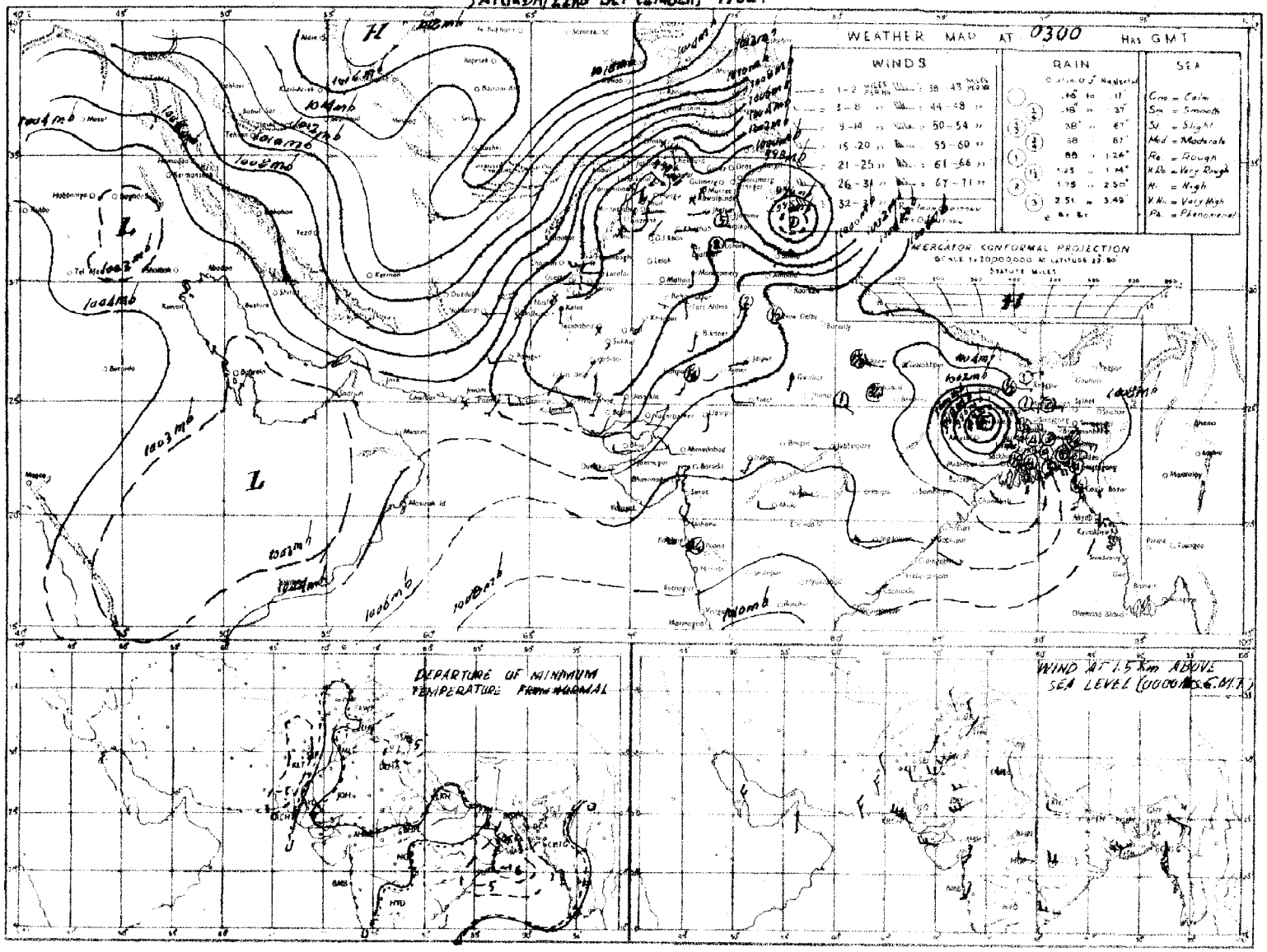
FRIDAY 21st SEPTEMBER. 1962.



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

PAKISTAN DAILY WEATHER MAP

SATURDAY 22nd SEPTEMBER, 1962.



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. 16

SUNDAY THE 23rd SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's cyclonic storm moved northwestwards and weakened into a deep depression last evening with its centre lying about 70 miles northeast of Hazaribagh. Thereafter it moved northnorthwestwards, weakened further and today lies as a depression near Gaya. It is now likely to weaken further and move away northeastwards as a low pressure area.

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

The deep depression near Simla weakened rapidly into a low last evening and became unimportant thereafter.

Yesterday's westerly low pressure wave over Peshawar and Rawalpindi divisions moved away eastwards; another is moving across D. I. Khan division and adjoining areas.

Under their influence rain/thundershowers have been fairly widespread in Peshawar division, local in Lahore, Rawalpindi, Multan and D. I. Khan divisions and scattered in Sargodha divisions.

Chief amounts of rainfall are:—Narayanganj and Dacca 2" each; Mymensingh and Satkhira 1¼" each; Maijdee Court, Brahmanbaria, Barisal (upto 22,1200 G.M.T.) and Campbellpur 1" each; Faridpur, Sirajganj, Murree, Montgomery and Miranshah 3/4" each; Khulna, Jessore, Sialkot, Chakdara and Bannu ½" each and Bogra, Dinajpur, Rungpur and Parachinar 1/4" each.

Day temperatures were 8—18 °F (4—10 °C) below normal in Lahore and Sargodha divisions and 4—8 °F (2—4 °C) so elsewhere in the country outside D. I. Khan, Bahawalpur, Khairpur, Hyderabad and Karachi divisions.

Forecast valid until the evening of 24th September, 1962:—Rain/thundershowers will be fairly widespread in Rajshahi division with a few moderate falls; local elsewhere in East Pakistan and in Kashmir and scattered in Rawalpindi, Peshawar and D. I. Khan divisions.

Karachi-11
The 23rd September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	...																
	Cox's Bazar	000	0	8	13	09	97	02	2	053	82	6	8	5	2	0	78	86
	Chittagong	009	9	8	13	12	96	13	6	050	82	8	6	6	x	x	75	86
	Maijdee Court	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Comilla	010	0	8	00	00	96	02	2	028	81	8	4	4	x	x	80	87
	Brahmanbaria	115	6	6	00	00	96	01	6	052	80	6	4	5	0	0	76	87
	Sylhet	013	3	8	00	00	96	02	6	051	78	5	2	6	2	x	76	87
	Srimangal	000	0	4	08	00	95	02	0	013	88	4	0	3	0	0	80	92
Dacca	Mymensingh	034	6	7	13	05	96	02	6	035	78	3	6	4	7	0	75	78
	Narayanganj	192	9	8	11	02	96	60	6	037	78	8	7	2	x	x	77	81
	Dacca (Tezgaon)	178	9	7	18	02	97	01	6	034	78	1	5	4	2	1	77	78
	Faridpur	078	0	8	18	02	96	02	6	964	79	7	5	6	1	0	76	79
Khulna	Barisal	095	4	6	18	02	96	03	6	037	80	6	8	6	x	x	77	84
	Khulna	063	2	7	13	03	96	02	6	026	78	7	5	5	0	0	77	xx
	Satkhira	165	6	7	00	00	96	03	6	032	81	4	4	4	2	0	79	81
	Jessore	038	7	8	18	03	95	03	6	989	79	8	8	5	x	x	78	79
Rajshahi	Pabna	010	9	8	11	09	96	01	6	020	79	2	7	7	9	x	78	80
	Sirajganj	045	x	8	13	05	96	02	5	031	78	8	7	5	0	0	77	84
	Bogra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dinajpur	030	8	8	09	09	95	62	6	031	76	7	7	5	2	x	75	76
	Rangpur	028	8	7	15	02	96	01	6	044	83	7	5	6	0	0	80	84
Kashmir	Jammu	...																
Lahore	Lahore (Jail Rd.)	000	0	4	13	02	96	03	0	040	81	4	4	6	0	0	74	82
	Sialkot	051	7	2	13	03	98	01	6	048	75	2	1	6	x	x	72	75
Rawalpindi	Jhelum	000	9	6	13	07	97	02	2	047	78	4	4	6	9	0	68	82
	Rawalpindi	000	0	6	13	05	98	02	2	039	79	x	x	x	x	x	67	86
	Campbellpur	000	0	4	13	14	98	95	1	023	86	4	3	7	0	0	74	90
Sargodha	Khushab	000	0	3	09	10	96	06	4	029	85	3	0	9	3	0	78	86
	Lyallpur	000	0	6	16	03	96	02	3	016	85	6	0	9	4	0	70	85
Multan	Montgomery	073	1	6	13	03	96	29	2	022	75	6	9	6	0	0	67	92
	Multan	000	0	0	18	02	97	02	0	094	95	0	0	9	0	0	68	98
	Leiah	000	0	7	13	06	97	02	2	944	91	3	7	8	8	0	60	96
Bahawalpur	Khanpur	000	0	0	00	00	94	06	4	988	96	0	0	9	0	0	57	98
	Bahawalpur	000	0	0	13	02	98	00	0	969	94	0	0	9	0	0	72	98
	Fort Abbas	000	0	0	18	02	98	00	0	002	93	0	0	9	0	0	59	95
Peshawar	Chakdara	000	0	0	18	04	97	00	0	969	82	0	0	9	0	0	62	85
	Peshawar	000	1	4	13	05	97	17	1	988	90	4	9	6	0	0	63	91
	Haripur	000	0	6	23	01	96	00	0	941	85	6	1	9	0	0	71	90
D. I. Khan	Bannu	000	0	4	13	04	99	02	1	998	87	0	0	9	0	7	60	90
	D. I. Khan	000	3	2	09	02	98	00	0	996	93	2	0	9	0	2	73	94
Quetta	Sibi	000	0	0	13	02	97	05	0	976	03	0	0	9	0	0	27	06
Kalat	Nokkundi	000	0	0	34	09	97	02	0	117	87	0	0	9	0	0	20	89
	Turbat	000	0	0	27	03	98	00	0	993	03	0	0	9	0	0	54	05
	Jiwani	000	0	0	18	17	96	05	0	020	87	0	0	9	0	0	71	92
	Pasni	000	0	2	23	09	95	07	4	959	83	0	0	9	0	2	76	90
Karachi Division	Ormara	000	9	0	25	10	93	05	4	998	95	0	0	9	0	0	44	97
	Lasbela	000	0	3	00	00	97	03	0	952	94	3	0	8	3	0	69	11
	Karachi (Manora)	000	0	0	27	10	96	00	0	012	86	0	0	9	0	0	77	91
	Karachi (Airport)	000	0	0	23	10	96	02	0	018	87	0	0	9	0	0	69	94
Hyderabad	Nagarparkar	000	0	0	13	02	97	00	0	002	92	0	0	9	0	0	62	93
	Umerkot	000	0	8	20	05	98	02	0	002	92	8	5	7	0	0	70	05
	Hyderabad	000	0	0	23	09	96	05	0	007	92	0	0	9	0	0	84	96
	Badin	000	0	0	23	02	97	00	0	021	69	0	0	9	0	0	69	95
Khairpur	Padidan	000	0	0	18	03	97	02	0	989	99	0	0	9	0	0	68	01
	Nawabshah	000	0	0	18	05	96	02	0	999	98	0	0	9	0	0	42	06
	Sukkur	000	0	0	34	07	96	02	0	985	96	0	0	9	0	0	65	01
	Kashmore	000	0	0	18	02	99	00	0	989	96	0	0	9	0	0	67	xx
	Jacobabad	000	0	0	23	03	96	05	0	992	97	0	0	9	0	0	61	00
Junagadh	Veraval	...																
Afghanistan	Jalalabad	...																
Arabia	Muscat	...																
	Kuwait	...																
	HILL STATIONS																	
Kashmir	Srinagar *	...																
	Gulmarg **	...																
	Sonamarg **	...																
	Dras **	...																
	Leh **	...																
	Skardu *	002	2	5	00	00	xx	01	5	466	50	3	7	4	3	0	48	xx
	Misgar **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Aliabad *	...																
	Gilgit *	000	0	8	13	09	98	02	2	458	10	8	5	8	x	x	47	82
Rawalpindi	Murree *	012	2	8	23	02	96	95	9	473	51	8	7	3	x	x	39	64
Peshawar	Drosh *	000	0	3	23	17	97	03	0	398	62	2	2	7	6	0	41	89
	Cherat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kakul *	000	9	6	02	07	97	17	9	457	67	6	9	5	0	0	57	76
	Landikotal *	000	0	2	13	09	97	03	0	416	79	2	2	7	0	0	62	83
	Parachinar *	000	0	4	13	02	99	03	0	422	75	4	1	9	1	0	51	78
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	422	83	0	0	9	0	0	79	85
	Wana *	000	0	0	00	00	99	00	0	517	77	0	0	9	0	0	58	86
Quetta	Fort Sandeman *	000	0	0	00	00	99	02	0	428	88	0	0	9	0	0	26	89
	Hindubagh *	000	0	0	25	17	97	00	0	391	79	0	0	9	0	0	33	84
	Loralai *	000	0	4	16	03	99	00	1	413	82	0	0	9	1	2	52	88
	Harnai *	000	0	0	33	05	97	00	0	403	94	0	0	9	0	0	19	73
	Quetta *	000	0	0	36	02	96	00	0	431	74	0	0	9	0	0	60	77
	Chaman *	000	0	0	27	07	98	00	0	405	71	0	0	9	0	0	27	80
	Nushki *	000	0	0	27	09	98	02	0	482	81	0	0	9	0	0	40	82
	Dalbandin *	000	0	0	00	00	95	05	0	455	89	0	0	9	0	0	28	90
Kalat	Kalat *	000	0	0	34	05	96	00	0	430	70	0	0	9	0	0	56	74
	Panjgur *	000	0	0	36	14	97	07	0	452	84	0	0	9	0	0	46	85
Afghanistan	Kabul *	...																
	Kandhar *	...																

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 d (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 TnT (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	012	3	2	16	02	96	05	4	069	86	1	1	7	1	0	76	77		—	—	—	—	
	Cox's Bazar	000	0	7	16	09	97	02	1	076	83	2	8	5	7	0	76	77	— 1	+ 1	99.9	— 6.4	110.7	149
	Chittagong	009	0	5	13	02	97	01	1	075	84	1	1	6	0	1	75	76	— 1	0	71.9	— 3.0	85.4	108
	Maijdee Court	100	7	2	13	06	97	03	6	077	83	4	2	5	0	0	78	xx		×	76.7	— 4.9	96.4	101
	Comilla	010	0	4	00	00	97	02	2	059	85	8	4	5	x	x	76	78	— 1	+ 1	49.1	—11.9	62.3	94
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					78
	Sylhet	013	0	3	07	05	96	02	1	076	85	3	2	5	0	0	78	76	—	—	—	—	—	—
	Srimangal	000	0	0	00	00	96	00	0	070	86	0	0	9	0	0	76	75	+ 1	0	46.4	—10.4	62.7	98
Dacca	Mymensingh	135	0	4	13	00	97	02	7	080	82	4	4	4	0	0	76	72	— 9	— 5	50.4	—10.2	66.4	91
	Narayanganj	192	9	7	16	05	97	03	2	073	85	7	7	2	0	0	79	xx	— 8	×	48.6	+ 2.1	65.8	74
	Dacca (Tezgaon)	178	9	7	13	05	97	02	9	071	83	7	8	4	0	0	78	77	—	—	56.9	—	61.8	
	Faridpur	081	0	7	16	05	97	02	2	078	83	6	5	6	1	0	79	75	— 8	— 3	38.4	— 6.9	51.8	71
Khulna	Barisal	095	0	8	09	03	97	02	7	087	82	8	6	6	0	0	80	xx	— 3	×	—	—	—	81
	Khulna	063	0	4	00	00	97	01	2	066	83	4	5	7	0	0	79	76	×	— 1	40.9	— 6.0	47.2	69
	Satkhira	165	9	6	00	00	96	03	6	075	79	4	4	6	2	0	76	77	— 8	0	48.1	+ 4.0	54.3	65
	Jessore	038	9	6	09	07	96	02	6	061	81	6	5	6	0	0	80	76	—	—	39.0	— 3.2	49.2	65
Rajshahi	Pabna	010	0	8	18	05	97	03	2	068	83	8	7	6	x	x	79	77	—	—	38.7	—	57.1	59
	Sirajganj	081	7	3	13	02	97	01	0	069	83	2	1	5	0	0	79	74	— 3	— 4	—	—	—	64
	Bogra	034	9	8	13	05	96	02	6	068	83	5	7	4	4	3	78	77		0	37.5	—10.2	51.2	69
	Dinajpur	030	9	6	09	02	96	02	2	062	82	6	2	7	x	x	79	72	— 12	— 5	43.5	—10.1	51.7	72
	Rangpur	028	0	6	09	02	96	03	1	074	82	6	5	6	2	0	79	79	—	—	44.4	—14.4	66.6	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	1	059	77	0	0	9	0	0	76	71	— 16	+ 1	12.7	— 1.6	19.1	19
	Sialkot	051	0	0	00	00	98	00	0	061	75	0	0	9	0	0	65	65	— 20	— 7	27.5	— 4.3	32.0	32
Rawalpindi	Jhelum	000	0	2	31	02	97	01	0	059	75	2	0	9	3	0	62	69	—	—	21.6	—	27.7	—
	Rawalpindi	000	0	4	25	02	98	01	2	071	73	0	0	9	0	8	62	68	— 7	+ 1	26.6	+ 3.5	33.2	36
	Campbellpur	097	8	3	02	07	98	02	9	106	71	1	2	7	2	0	65	70	—	—	11.6	—	19.9	—
Sargodha	Khushab	000	0	6	00	00	97	02	2	067	73	3	8	7	4	0	74	74	— 13	0	2.9	— 2.1	7.8	15
	Lyallpur	012	6	0	00	00	96	00	5	069	74	0	0	9	0	0	68	71	— 13	— 1	6.0	— 3.1	9.8	12
Multan	Montgomery	073	0	0	05	02	96	01	3	057	77	0	0	9	0	0	69	71	— 7	— 3	8.8	+ 1.6	11.9	10
	Multan	000	0	0	36	05	95	02	0	959	77	0	0	9	0	0	66	74	0	— 1	1.2	— 3.6	2.9	7
	Leiah	000	0	4	13	04	97	01	2	962	77	4	8	9	0	0	68	71	—		1.7	—	3.5	8
Bahawalpur	Khanpur	000	0	3	00	00	94	06	4	054	77	3	0	9	3	0	65	71	— 3	— 3	6.2	+ 1.4	7.2	6
	Bahawalpur	000	0	0	00	00	98	00	0	989	80	0	0	9	0	0	64	xx	— 1	×	2.9	— 1.3	3.6	6
	Fort Abbas	000	0	0	20	02	98	00	0	049	77	0	0	9	0	0	64	72	—	—	0.6	—	0.9	8
Peshawar	Chakdara	049	0	0	36	02	97	00	0	074	65	0	0	9	0	0	60	64	—	—	7.3	—	16.1	—
	Peshawar	009	7	6	18	02	98	02	9	086	70	5	3	6	3	0	65	66	— 3	— 3	2.0	— 2.3	8.6	11
	Haripur	000	0	0	05	01	97	00	0	976	97	0	0	9	0	0	67	70	—	—	20.5	—	27.2	
D. I. Khan	Bannu	049	0	8	00	00	99	02	2	072	70	0	0	9	8	0	69	68	—	—	2.5	—	5.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	066	78	0	6	6	7	8	69	73	— 5	0	1.6	— 3.8	4.4	9
Quetta	Sibi	000	0	0	00	00	96	05	0	949	78	0	0	9	0	0	54	72	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	0	0	13	02	98	02	0	104	65	0	0	9	0	0	25	60	—	—	0	—	0.1	2
	Turbat	000	0	0	07	02	96	05	0	055	76	0	0	9	0	0	52	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	0	00	00	96	05	0	064	80		0	9	0	0	76	73	—	—	1.2	—	1.9	5
	Pasni	000	3	8	25	03	96	03	4	021	80	8	4	7	0	0	78	78	0	+ 6	0	— 0.9	0.2	6
Karachi Division	Ormara	000	9	0	27	10	93	05	4	045	80	0	0	9	0	0	71	78	—	—	0.1	— 0.7	2.0	6
	Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
	Karachi (Manora)	000	0	3	27	10	95	05	1	048	79	3	6	4	0	0	72	77	+ 6	+ 1	2.1	— 3.9	9.1	8
	Karachi (Airport)	000	0	2	27	03	96	03	0	051	80	2	6	5	0	0	74	77	—	—	10.7	—	10.7	—
Hyderabad	Nagarparkar	000	0	4	00	00	96	00	0	005	82	0	4	7	0	0	75	70	—	—	10.6	—	10.6	—
	Umerkot	000	0	8	20	03	97	02	0	051	78	8	5	7	0	0	74	75	—	—	7.8	—	8.0	—
	Hyderabad	000	0	0	20	07	97	02	0	049	79	0	0	9	0	0	74	77	— 2	— 2	15.6	+ 9.6	16.2	7
	Badin	000	0	0	23	02	97	00	0	060	80	0	0	9	0	0	74	75	0	0	6.5	— 0.7	7.2	9
Khairpur	Padidan	000	0	0	13	03	97	02	0	046	75	0	0	9	0	0	69	69	—	—	2.8	—	3.4	—
	Nawabshah	000	0	0	18	03	96	02	0	053	76	0	0	9	0	0	71	70	—	—	2.8	—	3.2	—
	Sukkur	000	0	0	13	02	96	02	0	045	78	0	0	9	0	0	77	74	—	—	2.5	—	2.5	4
	Kashmore	000	0	0	00	00	99	00	0	979	83	0	0	9	0	0	68	58	—	—	0.5	—	0.5	—
	Jacobabad	000	0	0	00	00	96	02	0	042	79	0	0	9	0	0	72	76	— 2	+ 1	2.0	— 0.2	2.9	4
Junagadh	Veraval																							20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *																							26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *	062	9	5	23	02	97	01	5	495	50	5	0	9	6	0	47	50	—	—	—	—	—	6
	Misgar **	000	0	6	05	03	97	03	1	083	44	2	1	8	3	0	36	43		—	—	—	—	—
	Aliabad *																							
	Gilgit *	000	0	7	00	00	98	01	1	494	65	7	5	8	0	0	62	61	—	—	—	—	—	5
Rawalpindi	Murree *	074	9	6	31	02	98	02	9	480	57	6	5	5	0	0	42	49	— 6	+ 5	30.6	— 4.1	48.7	59
Peshawar	Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					11
	Cherat *	002	9	8	18	03	97	50	5	446	02	8	8	6	0	0	59	xx		×	11.8	0	35.9	2'
	Kakul *	017	9	7	31	02	99	02	9	476	63	7	4	6	0	0	57	58	—	—	28.9	—	34.5	—
	Landikotal *	000	0	6	00	00	97	01	2	468	68	6	5	7	x	x	55	64	—	—	4.2	—	20.4	
	Parachinar *	026	2	4	00	00	99	03	6	489	59	4	1	9	0	0	55	58	— 1	+ 2	12.5	—	26.0	2'
D.I. Khan	Miranshah *	000	0	4	00	00	98	01	1	509	69	4	1	9	0	0	59	64	—	—	4.9	—	13.2	1
	Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					1
Quetta	Fort Sandeman *	000	0	4	07	01	97	05	0	484	69	4	0	9	3	0	63	66	— 3	+ 3	5.5	+ 0.5	10.2	1
	Hindubagh *	000	0	0	25	09	97	00	0	443	62	0	0	9	0	0	44	52	—	—	0.8	—	4.6	
	Loralai *	000	0	0	25	02	99	00	0	396	64	0	0	9	0	0	43	58	—	—	1.1	—	4.6	
	Harnai *	000	0	0	31	05	97	00	0	446	73	0	0	9	0	0	21	68	—	—	5.7	— 1.7	8.8	1
	Quetta *	000	0	0	31	02	96	00	0	484	60	0	0	9	0	0	41	43	—	—	0.1	— 0.9	4.3	
	Chaman *	000	0	0	13	07	98	00	0	462	64	0	0	9	0	0	27	57	— 9	— 4	0	— 0.2	1.3	
	Nushki *	000	0	0	00	00	98	02	0	519	69	0	0	9	0	0	42	64	—	—	0	—	0.2	
	Dalbandin *	000	0	0	00	00	95	05	0	463	59	0	0	9	0	0	30	57	— 8	— 1	0	— 0.2	1.2	
Kalat	Kalat *	000	0	0	18	02	96	00	0	487	54	0	0	9	0	0	47	41	— 7	— 5	0.2	— 1.0	2.2	
	Panjgur *	000	0	0	00	00	97	02	0	474	63	0	0	9	0	0	36	58	— 9	— 5	0.3	—	1.3	
Afghanistan	Kabul *																							
	Kandhar *																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 23rd SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV_{ww} W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Satsumamaru	73 089	666 00	2 24 05	97 0 10	085 99	34 4 00	66 4 00	...	00 0 76	
Safina-a-Hajjaj	73 600	738 00	3 24 13	98 0 11	088 81	24 4 01	53 7 06	...	00 1 00	
Oumra	72 327	673 00	4 27 09	98 0 22	996 00	41 3 00	75 6 07	...	00 2 83	12 7 xx
Hague mala	73 208	582 00	4 22 22	98 0 21	070 79	44 3 00	67 7 15	...	05 2 77	12 8 33
Caltex the hague	73 192	566 36	3 23 10	98 0 20	062 82	22 4 01	00 1 28	...	12 1 70	...
Sanda	73 204	588 06	8 21 15	97 0 22	050 79	85 5 xx	55 1 15	...	00 2 77	12 5 33
Edjele	73 227	598 06	3 16 12	97 0 12	050 81	30 9 08	76 4 00	...	00 2 76	12 1 21
Sefina-e-Hajjaj	73 148	733 06	3 24 13	98 0 11	104 86	21 4 01	35 0 04	...	00 4 79	11 4 21
Binta	73 163	679 06	8 23 12	98 0 32	089 81	82 3 xx	36 2 20	...	00 0 77	12 7 xx
Caltex Pernis	73 147	508 42	2 16 08	98 0 22	039 86	10 8 61	xx x xx	...	00 1 77	12 3 21
Bintange	73 153	690 12	1 23 13	98 0 21	070 81	12 5 00	36 6 12	...	05 0 76	11 6 22
Caltex Rotterdam	73 158	528 42	1 20 14	98 0 20	036 82	00 9 01	00 2 25	...	12 0 73	12 3 21
Em. anttordam	73 180	569 12	2 21 15	97 0 24	029 77	00 9 01	16 6 11	...	00 4 74	11 8 44
Edjele	73 240	587 12	4 10 13	97 0 20	030 88	40 4 50	76 7 18	...	05 4 79	12 1 22
Dintang	73 141	704 18	3 23 09	98 0 21	109 99	32 3 00	36 8 00	...	95 5 87	11 0 21
Fakirjee cowasjee	73 165	721 18	6 23 05	98 0 32	08x 81	33 x xx		...		12 3 21
Oumra	73 248	661 18	2 24 15	99 0 11	039 84	2x x xx	65 4 00	...	00 1 27	
Safina-e-hajjaj	73 123	745 18	7 24 09	98 0 21	109 81	50 0 90	xx x xx	...	08 0 57	12 6 23
Caltex Pernis	73 154	522 48	2 16 09	97 0 21	069 81	9x 0 xx	xx x xx	...	05 0 79	12 7 xx

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	Surface PPP $TTTT_dT_dT_d$	1000_{mb}	900_{mb}	850_{mb}	800_{mb}	700_{mb}	600_{mb}	500_{mb}	400_{mb}	300_{mb}	200_{mb}	150_{mb}	100_{mb}
			At surface and Standard Isobaric Levels HHHTTTT$_d$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	001 262 232	031 275 995	...	145 235 995	...	311 098 995	438 050 990	585 535 992	758 615 992	972 770	252 982	436 118	684 092
Lahore ...	00 00	981 278 195	046 xxx xxx	...	140 212 095	...	320 025 005	443 580 990	582 705 995	742 875 995	...	...	...	...
Multan ...														
Peshawar ...	00 00	967 222 212	...	...	142 180 990	...	310 048 995	434 520 990	576 065 098	...	...	...	...	...
Quetta ...						...					...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Jiwani ...													
Karachi ...	00 00	900 260 xxx	800 200 xxx	350 070 xxx	250 880 xxx	050 120 xxx	010 100 xxx	...	...	...	010 100 xxx	...	...
Lahore ...	00 00	900 248 165	800 162 045	...	...	...	...	...	...	...	800 162 045	...	...
Multan ...													
Peshawar ...	00 00	900 200 xxx	800 140 xxx	...	...	...	...	...	...	...	800 140 xxx	...	...
Quetta ...													

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

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

UPPER WIND DATA*

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

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	13 25	15 27	16 29	17 33	17 32	...	...	...	...
Chaklala ...	...	15 21	14 17	13 17	15 08	...	...	...	...
Chhor ...	20 17	23 17	23 17	24 25	23 26	23 26	24 12	30 12	29 14
Chittagong ...	18 16	18 21	18 19	19 23	19 19	19 17	...	...	...
Cox's Bazar ...	18 19	18 21	19 13	...	...	...	...	...	...
Dacca ...	16 17	18 23	18 27	18 28	18 21	...	...	...	...
Dalbandin ...	...	...	07 02	10 01	02 03	29 03	30 16	31 21	31 17
D.I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	23 23	25 01	16 06	...	...
Fort Sandeman ...	...	...	...	24 04	16 03	14 02	30 19	28 26	28 29
Jacobabad ...	19 06	20 06	21 07	22 04	22 04	06 06	32 08	32 19	30 19
Jessore ...	No	Ascent	...	...	...	...	...	...	...
Jhelum ...	12 10	12 16	12 18	10 10	28 06	...	...	...	...
Jiwani ...	18 11	19 09	19 09	34 15	32 21	30 20	28 06	11 02	09 04
Karachi ...	25 12	25 18	26 21	27 22	26 22	30 12	03 06	01 15	34 10
Khanpur ...	20 07	18 10	17 07	17 09	19 06	17 05	...	...	...
Lahore ...	11 08	12 09	13 12	16 05	20 09	23 13	22 16	25 10	26 09
Multan ...	...	...	...	...	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	34 18	36 10	33 14	32 17	...	...
Peshawar ...	...	17 15	16 16	15 13	17 10	21 16	...	...	...
Quetta ...	...	...	...	...	29 07	09 03	33 15	30 21	29 25
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 ...	No	Ascent	...	...	...	...
Chaklala ...	...	01 04	35 01	23 03	15 04	33 01
Chhor ...	22 17	24 24	24 21	23 17	20 19	24 04
Chittagong ...	16 20	16 21	16 17	19 14	20 12	19 13
Cox's Bazar ...	16 19	16 16	18 14	20 12	20 08	19 07
Dacca ...	14 17	15 16	15 15	16 10	16 11	...
Dalbandin ...	...	...	06 12	03 09	18 05	76 09
D.I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	21 06	20 09	21 11
Fort Sandeman ...	...	...	...	05 06	26 03	27 06
Jacobabad ...	17 10	16 10	16 09	12 07	05 07	08 13
Jessore ...	17 14	18 17	...	...	...	...
Jhelum ...	35 10	05 08	09 07	31 04	27 07	23 06
Jiwani ...	26 06	28 05	31 04	34 10	33 10	...
Karachi ...	...	...	...	...	...	...
Khanpur ...	23 15	27 14	29 11	36 08	...	...
Lahore ...	04 10	02 06	23 04	24 04	23 06	13 01
Multan ...	17 03	32 01	04 03	04 04	07 05	07 09
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	33 21	32 25	...
Peshawar ...	...	04 05	03 05	33 04	...	...
Quetta ...	...	...	...	...	31 03	16 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 ...	16 17	17 16	...	...	...	...	...	...	...	...	...
Chaklala ...	...	02 06	01 08	01 08	26 01	26 10	...	...	...	...	...
Chhor ...	21 11	22 08	32 14	...	...	...	...	...	...	...	...
Chittagong ...	18 08	16 07	16 07	xx xx	xx xx	22 11	18 12	16 12	14 13	16 09	16
Cox's Bazar ...	18 13	18 19	11 11	...	...	...	...	...	...	...	...
Dacca ...	18 09	16 11	16 10	16 08	16 10	xx xx	15 15	17 15	17 13	...	...
Dalbandin ...	...	...	09 07	35 06	18 04	35 10	23 10	26 19	27 21	...	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	22 04	21 10	...	...	...	...	...
Fort Sandeman ...	...	...	...	35 08	02 02	26 02	...	...	...	...	...
Jacobabad ...	17 02	13 04	15 11	15 10	00 06	08 07	02 11	07 13	31 10	29 15	31
Jessore ...	...	...	...	...	...	...	...	...	...	...	...
Jhelum ...	34 04	33 08	24 09	34 08	33 04	26 08	22 03	20 11	22 12	26 29	27
Jiwani ...	03 02	13 02	10 05	10 09	35 10	35 17	28 07	27 05	29 07	27 05	26
Karachi ...	24 11	26 09	35 09	35 10	34 11	35 13	02 07	36 06	32 03	32 03	14
Khanpur ...	34 08	01 11	02 08	03 12	03 12	32 02	...	...	...	...	...
Lahore ...	14 01	16 01	21 03	32 09	33 09	03 03	18 06	21 06	16 05	15 11	27
Multan ...	02 10	02 11	03 10	04 09	04 09	06 14	08 25	08 31	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	01 09	03 11	33 03	26 11	30 13	28 18	...	...
Peshawar ...	...	11 09	01 06	34 15	28 07	24 05	19 05	28 10	24 21	28 21	26
Quetta ...	...	...	...	...	01 03	21 04	27 14	...	...	25 27	...
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 ...	27 10	30 08	29 15	29 19	32 05	35 15	34 10	34 07	34 07	35 06	32 08	31 06	09 09	06 08	06 13	06 15	07 17	08 15
Peshawar ...	...	07 08	02 07	34 06	34 06	26 06	32 06	33 10	32 12	...	...	...	...	...	...	...	...	...
Quetta ...																		

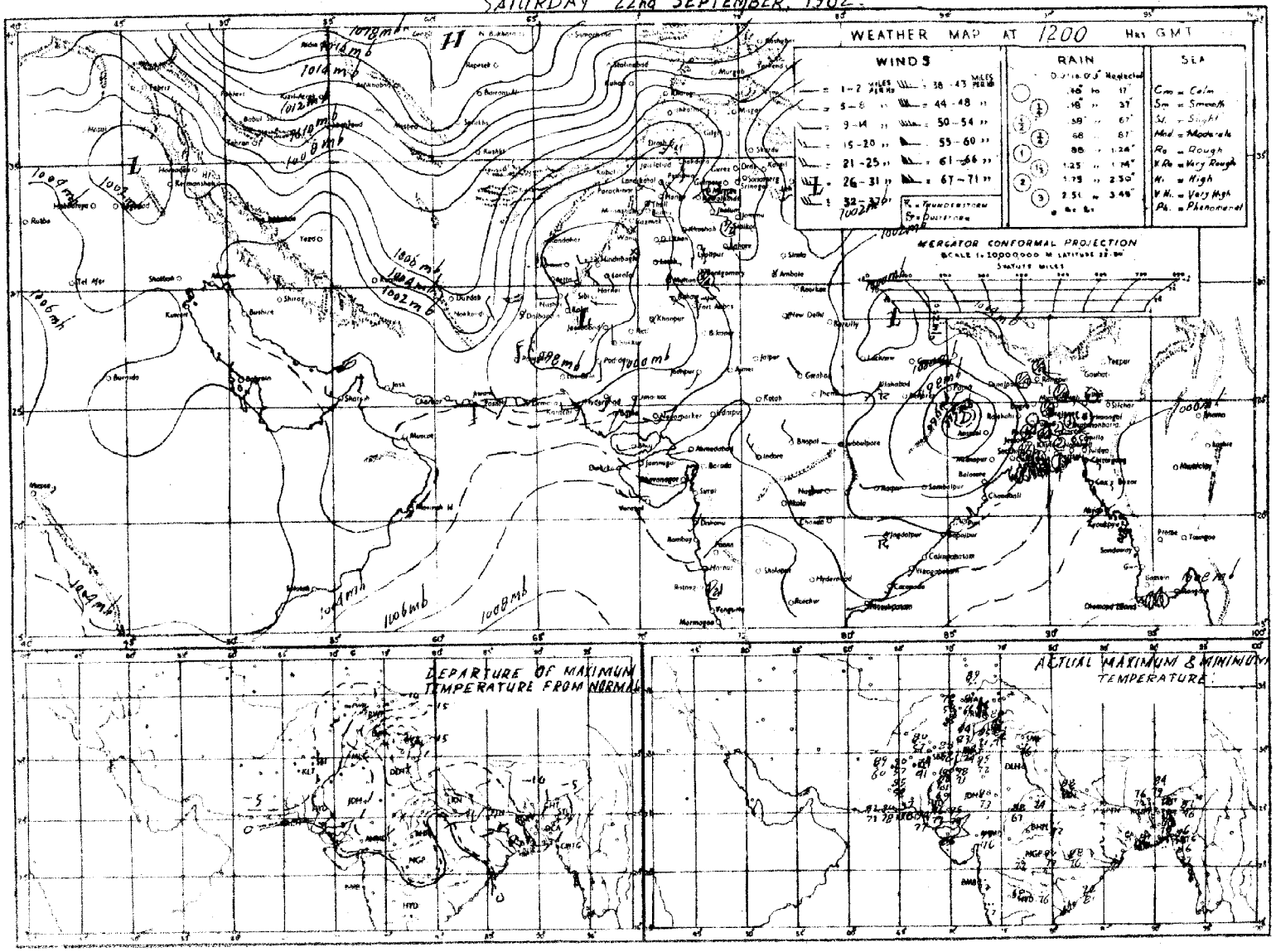
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd VrVr etc.)

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

PAKISTAN DAILY WEATHER MAP

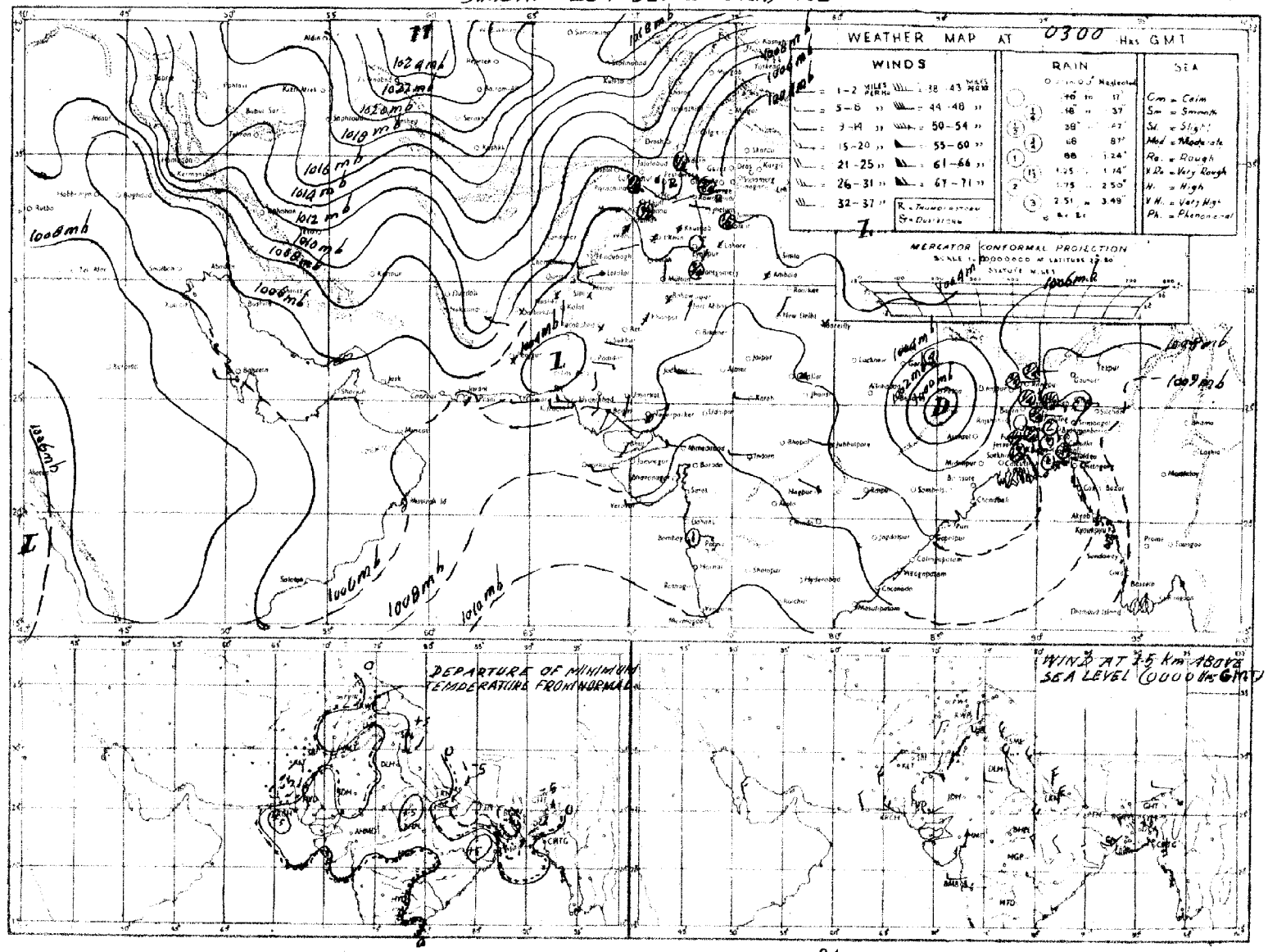
SATURDAY 22nd SEPTEMBER, 1962.



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

PAKISTAN DAILY WEATHER MAP

SUNDAY 23rd SEPTEMBER, 1962



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

Reg. No. S-1427
Volume No. 11

PAKISTAN DAILY WEATHER REPORT

MONDAY THE 24th SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_sT_sT_dT_d$	$I_wd_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Dumra	13 249	[illegible]	3 26 15	98 0 10	036 63	9x x xx	65 9 00	...	05 3 75	12 6 23
Malaia	13 081	600 83	3 25 10	99 0 28	195 82	12 5 41	67 2 00	...	[illegible]	12 6 20
Edjila	[illegible]	500 06	[illegible]	98 0 20	[illegible]	00 9 08	66 2 20	...	05 2 79	10 8 21
Malais	13 082	682 06	6 31 16	98 1 80	137 81	62 4 2x	67 8 08	...	05 4 75	13 1 22
Jasmda	13 164	540 06	7 24 06	92 1 04	070 77	77 0 10	66 1 20	...	00 6 75	12 4 22
Dwarka	13 149	633 08	0 25 06	98 0 20	070 79	00 x 00	65 1 30	...	00 0 75	12 3 23
Edjila	13 288	528 12	1 28 18	98 0 20	057 91	12 4 00	76 7 23	...	05 5 75	12 8 21
Caltex Edivlurg	13 220	598 12	7 20 16	98 0 22	076 81	70 7 30	46 6 09	...	08 3 73	12 0 28
Malais	13 085	664 12	4 28 07	98 1 51	107 84	22 x 32	67 5 00	...	05 1 73	12 8 21

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface (PPP $TTTT_dT_d$)	1000mb	900mb	850mb	800mb	700mb	600mb	500mb	400mb	300mb	200mb	150mb	100mb
			HHH $TTTT_dT_d$								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	004 255 235	...	...	142 185 999	...	309 060 999	435 025 999	580 565 999	751 650 999	963 785	242 992	425 132	676 108
Karachi ...	00 00	982 272 222	...	...	149 228 132	...	316 178 052	445 105 999	595 015 999	772 558 999	994 638	...	...	...
Lahore ...														
Multan ...	00 00	964 222 172	...	...	141 202 192	...	310 120 999	437 050 999	584 525 999	758 620 999	972 748	...	...	...
Peshawar ...	00 00	MISD	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels ($PPPTTTT_dT_d$)									Max. Height Reached ($PPPTTTT_dT_d$)	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Dacca ...													
Jiwani ...	00 00			...	...	...	...	...	...	...	100 108 999	...	...
Karachi ...	00 00	900 242 162	800 215 105	...	...	...	...	...	...	...	800 215 105	...	...
Lahore ...													
Multan ...	00 00	900 220 190	800 178 999	...	...	...	...	...	...	...	800 178 999	...	...
Peshawar ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													

PPP—Pressure in hundreds tens and units of millibars.
TTT; TTTdTd; Dry Bulb, Dew Point temperatures (htenths of °C.)
St—Character of tropopause.

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 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 13	15 08	...	...	...	...	...	...	...	19 08	30 07	17 10	16 09	16 09	18 10	16 04	16 09	17 09	...	...	...	...	...	...	...	...
Chaklala ...	...	27 05	25 05	16 04	17 07	19 12	19 15	19 13	26 19	...	10 06	15 03	28 02	29 03	20 05	...	20 02	24 01	32 08	31 06	31 06	21 02	22 07	...	...	...
Chhor ...	22 09	22 10	19 07	05 03	24 03	33 02	...	...	...	24 15	24 11	19 10	16 13	21 05	02 04	17 09	17 10	15 09	16 03	07 04	02 13	02 12	29 09	17 07	14 06	17 07
Chittagong ...	20 09	21 10	20 11	23 11	21 10	...	...	...	...	15 10	15 04	12 02	27 02	27 04	17 03	18 09	16 07	16 04	09 02	09 04	17 04	16 08	16 08	...	...	...
Cox's Bazar ...	20 12	20 10	20 09	...	...	...	...	...	...	17 04	17 03	14 03	30 06	23 02	10 05	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	17 11	19 13	20 11	20 13	18 13	18 13	19 12	17 17	16 15	19 12	20 13	20 12	21 07	21 03	24 08	18 11	18 08	20 08	20 09	19 09	19 07	20 08	17 09	...	...	...
Dalbandin ...	...	...	13 05	22 02	31 05	33 07	26 05	29 13	28 22	...	...	04 06	35 10	33 07	37 18	...	...	09 07	03 06	30 09	31 19	30 22	30 26	29 26	...	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	No	Ascent	...	...	...	...	...	...	...	...	...	...	23 01	24 02	21 03	...	...	...	...	34 03	18 02	...	...	...	...	...
Fort Sandeman ...	...	...	...	19 06	21 04	22 12	22 07	...	...	...	...	...	28 04	28 04	20 06	...	...	...	27 05	21 04	21 13	20 14	26 15	25 45	25 56	26 63
Jacobabad ...	17 06	21 04	19 03	17 03	15 05	35 05	34 09	34 10	30 13	18 09	19 06	22 06	21 07	33 06	31 01	30 04	26 05	26 05	26 02	22 02	15 02	13 03	26 07	26 12	26 23	25 20
Jessore ...	No	Ascent	...	...	...	...	...	...	...	21 07	22 07	24 06	...	...	...	17 08	20 06	20 04	...	...	...	...	...	...	...	...
Jhelum ...	20 03	25 04	28 04	26 03	12 02	14 02	23 07	27 12	27 27	20 02	28 04	28 05	32 08	36 09	27 03	08 01	31 02	31 05	32 07	34 02	19 01	20 09	23 29	23 38	25 59	26 03
Jiwani ...	17 08	20 04	14 04	35 11	34 15	35 15	36 09	32 05	29 01	28 06	33 02	06 03	36 04	29 08	03 16	26 04	09 06	13 05	13 06	31 10	36 12	36 15	27 12	27 11	29 07	03 03
Karachi ...	24 13	33 08	33 04	03 14	04 23	35 14	34 18	35 13	...	...	...	...	...	...	...	27 19	27 14	30 16	31 10	31 06	34 06	34 08	28 08	28 04	23 08	...
Khanpur ...	32 03	23 01	18 02	09 06	05 08	36 14	36 10	...	...	25 16	26 10	26 08	30 08	35 09	06 15	25 14	23 10	26 08	28 06	31 05	...	...	...	...	...	...
Lahore ...	33 01	30 02	32 02	03 01	28 03	18 06	22 03	07 03	27 03	28 03	29 03	30 03	36 03	05 02	04 02	20 01	25 01	34 02	01 02	27 01	35 03	10 03	09 03	15 13	22 23	24 27
Multan ...	17 07	17 06	18 07	18 09	19 13	17 14	19 14	21 23	...	22 06	26 07	23 07	24 02	29 07	05 05	18 04	20 05	18 08	16 07	17 05	08 03	15 04	15 04	26 09	23 21	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	36 05	34 03	30 09	27 13	28 08	...	...	...	...	35 19	36 23	34 32	...	...	...	01 13	36 14	34 20	33 20	28 14	26 15	26 15	19 29
Peshawar ...	...	15 03	24 03	27 05	36 01	27 02	19 05	32 07	26 14	...	04 04	04 06	01 04	30 04	23 13	...	35 02	34 02	35 02	15 01	24 06	26 08	23 14	24 18	22 25	...
Quetta ...	...	...	...	...	...	...	...	...	...	...	...	...	...	26 04	16 08	...	...	...	...	31 07	27 09	02 15	31 23	34 43	32 47	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	21 05	22 04	20 03	18 03	19 08	17 08	18 08	...	...	21 06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Yeraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

† 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 15	28 14	28 13	28 11	30 14	36 13	36 10	35 09	33 11	24 04	26 11	12 15	11 11	08 14	11 14	12 23	08 15	09 14
Peshawar ...	...	25 02	10 08	01 08	35 08	35 11	35 15	33 22	33 31	31 45	31 59	...	...	...	...	...	...	...
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 VrVr etc.)

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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

MONDAY THE 24th SEPTEMBER, 1962.

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

Yesterday's shallow depression moved north northwestwards and was centred at 23,1200 G.M.T near Chapra. It weakend thereafter and to-day lies as well marked low over northeast Utter Predesh and neighbourhood. Under its influence thunderstorm/showers have been local in East Pakistan.

The westerlylow pressure wave over D. I. Khan division has moved away northeastwards after causing scattered thunderstorm/showers in Peshawar division.

Another westerly low pressure wave lies over Peshawar division and adjoining areas.

Chief amounts of rainfall are:—Mymensingh and Pabna 1" each, Drosh 1/2" and Khulna and Jessore 1/4" each.

Day temperaturures were 5—10 °F (3—6 °C) below normal in Khulna division and over West Pakistan outside Rawalpindi division Karachi and Hyderabad divisions and the coastal distts of Kalat division.

Forecast valid until the evening of 25th September, 1962:—Local thunderstorm/showers will occur in East Pakistan and scattered in Peshawar and Rawalpindi divisions and in Kashmir.

Karachi-11
The 24th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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 † 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	Rangamati	000	1	7	10	05	95	05	9	060	87	3	7	5	7	x	74	93
	Cox's Bazar	000	0	4	20	05	97	01	2	048	84	2	4	5	4	8	77	86
	Chittagong	010	7	x	xx	xx	96	02	6	040	83	3	4	6	2		76	88
	Maijdee Court	000	0	4	13	03	96	03	2	046	83	2	2	5	0	0	77	87
	Comilla	000	0	8	00	00	96	02	2	022	84	8	4	4	x	x	81	91
	Brahmanbaria	000	1	4	18	02	96	17	9	044	84	4	3	5	0	0	78	90
	Sylhet	000	0	2	00	08	96	02	1	040	87	3	4	6	0	0	79	92
	Srimangal	000	0	2	00	00	96	02	1	040	87	3	4	6	0	0	79	92
Dacca	Mymensingh	120	0	6	00	00	96	97	1	046	78	6	2	4	0	0	77	85
	Narayanganj	014	4	4	13	02	96	03	6	034	83	2	4	2	3	8	79	83
	Dacca (Tezgaon)	003	8	3	00	00	97	01	6	032	83	1	3	6	0	3	79	88
	Faridpur	005	4	3	16	03	96	01	6	030	84	2	4	6	0	8	80	87
Khulna	Barisal	000	0	2	13	01	97	00	0	042	84	2	0	9	8	0	79	87
	Khulna	021	2	4	00	00	97	01	6	038	79	4	5	7	0	0	78	87
	Satkhira	000	0	6	00	00	96	03	2	051	79	4	4	6	2	0	76	83
	Jessore	019	6	6	09	03	97	02	6	033	85	4	4	6	6	0	71	90
Rajshahi	Pabna	100	9	7	00	00	98	01	6	026	77	2	7	6	7	0	75	87
	Sirajganj	000	0	8	00	00	97	02	1	031	83	8	5	5	1	0	78	88
	Bogra	000	0	6	13	02	96	02	2	030	82	3	4	5	3	1	77	90
	Dinajpur	000	8	2	09	02	95	01	1	027	84	2	1	6	x	x	77	89
	Rangpur	010	0	4	13	02	96	01	6	035	83	2	2	6	1	0	79	89
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	033	89	0	0	9	0	0	71	90
	Sialkot	000	0	0	00	00	97	00	0	035	86	0	0	9	0	0	72	90
Rawalpindi	Jhelum	000	0	0	00	00	97	02	0	022	92	0	0	9	0	0	64	94
	Rawalpindi	000	0	1	27	02	99	00	0	022	85	1	0	4	7	0	77	87
	Campbellpur	000	0	0	13	03	98	00	0	032	86	0	0	9	0	0	74	90
Sargodha	Khushab	000	0	0	09	03	98	00	0	029	91	0	0	9	0	0	75	93
	Lyallpur	000	0	4	16	02	96	02	0	035	90	0	0	9	0	4	68	90
Multan	Montgomery	000	0	0	00	00	96	02	0	032	88	0	0	9	0	0	70	89
	Multan	000	0	0	00	00	97	02	0	026	93	0	0	9	0	0	61	95
	Leiah	000	0	3	00	00	97	01	1	022	89	3	2	9	0	0	61	95
Bahawalpur	Khanpur	000	0	1	00	00	96	06	0	026	93	1	2	6	0	0	64	95
	Bahawalpur	000	0	0	13	02	98	00	0	071	95	0	0	9	0	0	74	98
	Fort Abbas	000	0	0	00	00	98	00	0	027	93	0	0	9	0	0	59	96
Peshawar	Chakdara	000	0	0	18	04	97	00	0	005	82	0	0	9	0	0	56	85
	Peshawar	000	0	7	00	00	98	03	1	029	85	2	3	6	7	0	63	89
	Haripur	000	0	0	23	01	97	00	0	942	84	0	0	9	0	0	60	88
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	029	85	0	0	9	0	0	65	86
	D. I. Khan	000	0	3	05	02	98	00	0	xx	93	2	0	9	0	2	69	92
Quetta	Sibi	000	0	0	18	02	97	05	0	xx	xx	0	0	9	0	0	41	03
Kalat	Nokkundi	000	0	0	36	02	98	02	1	048	88	0	0	9	0	0	17	90
	Turbat	000	0	0	36	04	98	00	0	027	00	0	0	9	0	0	65	03
	Jiwani	000	0	0	23	16	96	02	0	050	86	0	0	9	0	0	76	90
	Pasni	000	0	8	25	11	95	02	1	001	85	0	0	9	4	3	xx	89
Karachi Division	Ormara	000	0	0	27	12	94	05	4	021	89	0	0	9	0	0	73	92
	Lasbela																	
	Karachi (Manora)	000	0	3	27	12	96	01	1	034	86	3	6	4	0	0	80	92
	Karachi (Airport)	000	0	0	23	07	96	02	0	037	87	0	0	9	0	0	61	90
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	987	94	0	0	9	0	0	70	95
	Umerkot	000	0	8	23	02	98	02	0	031	92	8	5	7	0	0	68	94
	Hyderabad	000	0	0	00	00	97	02	0	036	95	0	0	9	0	0	66	96
	Badin	000	0	0	23	02	97	00	0	993	92	0	0	9	0	0	71	96
Khairpur	Padidan	000	0	0	36	02	97	02	0	027	96	0	0	9	0	0	56	96
	Nawabshah	000	0	0	13	02	96	02	0	038	96	0	0	9	0	0	59	98
	Sukkur	000	0	0	36	02	96	02	0	027	95	0	0	9	0	0	62	99
	Kashmore	000	0	0	00	00	99	00	0	984	95	0	0	9	0	0	68	xx
	Jacobabad	000	0	0	18	03	96	02	0	024	95	0	0	9	0	0	87	95
Junagadh	Veraval	xxx	x	1	25	06	96	01	6	048	84	1	2	5	0	0	77	xx
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *	000	0	3	00	00	96	03	0	xx	61	3	0	9	4	0	40	70
	Misgar **	000	0	6	31	07	97	03	1	044	58	2	5	6	5	0	22	63
	Aliabad *																	
	Gilgit *	000	0	8	23	09	98	02	2	487	73	8	5	7	0	0	48	83
Rawalpindi	Murree *	000	0	3	00	00	98	01	1	460	64	3	5	5	0	0	52	70
Peshawar	Drosh *	003	3	7	23	09	96	95	9	468	64	7	9	5	0	0	46	84
	Cherat *	000	0	5	18	01	98	03	0	389	75	5	5	6	0	0	59	92
	Kakul *	000	8	5	18	02	98	01	2	461	73	5	0	9	3	0	59	79
	Landikotal *	000	0	2	00	00	97	01	0	420	79	2	4	7	0	0	60	82
	Parachinar *	009	0	4	00	00	99	03	6	453	70	4	1	9	1	0	46	74
D.I. Khan	Miranshah *	000	0	0	05	05	99	00	0	439	80	0	0	9	0	0	65	82
	Wana *	000	0	3	00	00	98	01	1	505	79	0	0	9	0	0	54	83
Quetta	Fort Sandeman *	000	0	1	25	01	98	05	4	454	84	1	0	8	3	0	39	86
	Hindubagh *	000	0	0	25	16	96	00	0	427	76	0	0	9	0	0	38	81
	Loralai *	000	0	5	11	03	59	00	0	423	80	0	0	9	1	2	51	84
	Harnai *	000	0	0	31	05	57	00	0	439	89	0	0	9	0	0	48	91
	Quetta *	000	0	0	31	02	96	00	0	454	74	0	0	9	0	0	62	78
	Chaman *	000	0	0	27	07	98	00	0	447	79	0	0	9	0	0	27	80
	Nushki *	000	0	0	27	05	98	02	0	521	82	0	0	9	0	0	31	83
	Dalbandin *	000	0	0	09	03	95	05	0	485	87	0	0	9	0	0	28	88
Kalat	Kalat *	000	0	0	34	07	95	00	0	465	69	0	0	9	0	0	54	75
	Panjgur *	000	0	0	36	11	96	02	0	477	84	0	0	9	0	0	47	86
Afghanistan	Kabul *																	
	Kandhar *																	

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 d (23)	Wind speed in Knots ff (24)	Horizontal visibility † VV (29)	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 TnT (36)
Chittagong	Rangamati	000	0	4	18	02	98	05	1	090	86	2	2	7	2	4	74	77
	Cox's Bazar	000	0	4	18	05	97	02	1	079	84	2	8	5	0	[illegible]	78	75
	Chittagong	012	8	2	13	09	97	01	6	075	84	1	0	9	1	1	75	76
	Maijdee Court	010	2	7	13	02	97	03	6	083	83	6	2	5	2	x	79	79
	Comilla	000	0	0	00	00	97	02	2	060	84	8	4	5	x	x	80	78
	Brahmanbaria	000	0	5	18	03	97	03	1	084	83	x	x	5	0	9	77	78
	Sylhet	000	4	7	00	00	96	29	9	077	82	6	5	4	7	0	78	79
	Srimangal	000	0	2	00	00	96	02	0	082	85	2	0	4	0	0	84	77
Dacca	Mymensingh	120	9	2	00	00	98	02	9	080	81	2	2	4	0	0	72	76
	Narayanganj	014	9	6	16	02	97	03	1	079	85	6	4	2	0	0	79	79
	Dacca (Tezgaon)	003	0	4	18	02	97	01	1	073	83	4	4	4	0	0	77	77
	Faridpur	005	0	5	16	05	97	02	1	075	85	4	5	6	1	0	78	72
Khulna	Barisal	000	0	6	00	00	97	02	2	069	86	0	6	6	4	0	79	79
	Khulna	021	0	3	00	00	97	01	1	077	85	3	5	7	0	0	79	77
	Satkhira	000	0	6	00	00	97	03	1	091	87	3	4	6	1	7	83	77
	Jessore	019	9	5	18	05	97	03	6	070	82	5	5	6	0	0	79	77
Rajshahi	Pabna	100	0	1	18	05	98	01	1	066	83	1	1	7	0	0	79	75
	Sirajganj	000	0	1	18	05	97	01	1	072	83	1	1	5	0	0	77	77
	Bogra	000	0	5	00	00	96	03	0	068	86	3	4	5	1	x	77	78
	Dinajpur	000	9	3	00	00	96	02	2	062	84	3	0	9	4	0	77	77
	Rangpur	000	0	5	13	02	96	03	0	079	83	4	4	6	1	0	79	78
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	064	79	0	0	9	0	0	73	xx
	Sialkot	000	0	0	00	00	97	00	0	059	80	0	0	9	0	0	69	68
Rawalpindi	Jhelum	000	0	0	00	00	96	02	0	061	79	0	0	9	0	0	68	71
	Rawalpindi	000	0	0	00	00	97	05	0	061	76	0	0	9	0	0	63	69
	Campbellpur	000	0	0	07	05	98	00	0	083	75	0	0	9	0	0	66	69
Sargodha	Khushab	000	0	0	00	00	96	05	0	060	81	0	0	9	0	0	77	78
	Lyallpur	000	0	0	00	00	96	00	0	062	79	0	0	9	0	0	72	75
Multan	Montgomery	000	0	0	00	00	96	02	0	063	78	0	0	9	0	0	69	73
	Multan	000	0	0	00	00	96	05	0	054	81	0	0	9	0	0	64	72
	Leiah	000	0	0	00	00	97	00	0	011	80	0	0	9	0	0	71	72
Bahawalpur	Khanpur	000	0	0	23	02	97	06	4	057	78	0	0	9	0	0	65	71
	Bahawalpur	000	0	0	13	02	98	00	0	056	78	0	0	9	0	0	76	xx
	Fort Abbas	000	0	0	20	02	98	00	0	071	78	0	0	9	0	0	61	72
Peshawar	Chakdara	000	0	0	36	02	99	00	0	057	71	0	0	9	0	0	58	65
	Peshawar	000	0	0	13	02	98	01	0	066	76	0	0	9	0	0	63	69
	Haripur	000	0	0	23	02	97	00	0	063	74	0	0	9	0	0	61	63
D. I. Khan	Bannu	000	0	0	00	00	99	03	0	059	74	0	0	9	8	0	69	68
	D. I. Khan	000	0	0	00	00	96	00	0	052	80	0	0	9	0	0	78	75
Quetta	Sibi	000	0	0	05	02	97	05	0	067	75	0	0	9	0	0	58	72
Kalat	Nokkundi	000	0	0	31	02	98	02	2	121	65	0	0	9	0	0	20	56
	Turbat	000	0	0	07	03	96	05	0	089	79	0	0	9	0	0	42	xx
	Jiwani	000	0	0	23	02	97	02	0	087	77		0	9	0	0	73	72
	Pasni	000	0	8	23	06	95	02	1	001	80	0	0	9	4	3	78	79
Karachi Division	Ormara	000	0	0	27	05	93	05	4	067	77	0	0	9	0	0	74	75
	Lasbela	000	0	3	31	02	97	03	0	955	98	3	0	8	3	0	75	81
	Karachi (Manora)	000	0	4	27	10	96	01	1	065	81	4	6	4	0	0	71	78
	Karachi (Airport)	000	0	1	29	02	96	03	0	072	79	1	6	5	0	0	74	77
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	962	81	0	3	7	0	0	75	77
	Umerkot	000	0	8	23	02	97	02	0	066	78	8	5	7	0	0	74	74
	Hyderabad	000	0	0	20	03	97	02	0	064	77	0	0	9	0	0	72	75
	Badin	000	0	0	23	02	97	00	0	085	80	0	0	9	0	0	74	76
Khairpur	Padidan	000	0	0	13	05	97	02	0	059	78	0	0	9	0	0	69	73
	Nawabshah	000	0	0	18	05	96	02	0	068	77	0	0	9	0	0	71	73
	Sukkur	000	0	0	20	02	96	02	0	053	81	0	0	9	0	0	69	77
	Kashmore	000	0	0	00	00	99	00	0	985	84	0	0	9	0	0	69	58
	Jacobabad	000	0	0	23	02	96	02	0	055	80	0	0	9	0	0	77	77
Junagadh	Veraval	xxx	x	1	23	06	97	02	0	099	81	1	4	5	0	0	xx	75
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *																	
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	008	6	8	05	07	97	50	5	081	39	4	6	8	2	0	33	38
	Aliabad *																	
	Gilgit *	000	0	8	00	00	98	02	2	428	69	8	5	8	x	x	42	62
Rawalpindi	Murree *	000	3	0	31	02	98	00	1	484	55	0	0	9	0	0	47	52
Peshawar	Drosh *	[illegible]	8	5	00	00	97	01	9	501	57	5	8	6	0	0	52	54
	Cherat *	000	0	0	00	00	98	02	0	420	65	0	0	9	0	0	40	60
	Kakul *	000	9	0	18	02	97	02	1	478	68	0	0	9	0	0	58	64
	Landikotal *	000	0	0	00	00	97	00	0	465	69	0	0	9	0	0	47	60
	Parachinar *	009	0	0	00	00	99	00	0	473	57	0	0	9	0	0	51	54
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	472	74	0	0	9	0	0	58	65
	Wana *	000	0	0	00	00	99	00	0	513	62	0	0	9	0	0	53	58
Quetta	Fort Sandeman *	000	0	0	00	00	99	00	0	492	69	0	0	9	0	0	20	49
	Hindubagh *	000	0	0	27	05	97	00	0	446	60	0	0	9	0	0	39	49
	Loralai *	000	0	0	29	03	99	00	0	391	63	0	0	9	0	0	39	53
	Harnai *	000	0	0	31	05	97	00	0	454	72	0	0	9	0	0	23	67
	Quetta *	000	0	0	00	00	96	00	0	491	60	0	0	9	0	0	43	43
	Chaman *	000	0	0	18	07	98	00	0	483	57	0	0	9	0	0	16	51
	Nushki *	000	0	0	00	00	98	02	0	541	65	0	0	9	0	0	46	60
	Dalbandin *	000	0	0	00	00	95	05	0	476	59	0	0	9	0	0	29	54
Kalat	Kalat *	000	0	0	34	02	96	00	0	501	52	0	0	9	0	0	38	38
	Panjgur *	000	0	0	34	06	97	02	0	495	65	0	0	9	0	0	43	61
Afghanistan	Kabul *																	
	Kandhar *																	

Departure from Normal of / Rainfall

DIVISIONS (1)	STATIONS (2)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Chittagong	Rangamati	—	—	—		—	
	Cox's Bazar	— 3	— 1	99.9	— 6.3	118.7	
	Chittagong	+ 1	0	72.0	— 3.2	85.5	
	Maijdee Court	+ 2	+ 1	76.8	— 5.4	96.5	
	Comilla	+ 3	+ 1	49.4	— 12.3	62.3	
	Brahmanbaria	—	—	44.7	— 1.8	62.3	
	Sylhet	—	—	92.7	—	119.7	
	Srimangal	1	+ 2	46.4	— 10.7	62.7	
Dacca	Mymensingh	— 2	— 1	51.6	— 9.3	67.6	
	Narayanganj	— 6	0	48.7	+ 1.8	65.9	
	Dacca (Tezgaon)	—	—	56.9	—	61.8	
	Faridpur	8	— 6	38.4	— 7.1	51.9	
Khulna	Barisal	0	+ 1	47.7	— 7.1	61.5	
	Khulna	— 1	0	41.1	— 6.1	47.4	
	Satkhira	— 6	0	48.1	+ 3.6	54.3	
	Jessore	—	0	39.1	— 8.0	49.4	
Rajshahi	Pabna	—	—	39.7	—	58.1	
	Sirajganj	+ 1	— 1	38.5	— 4.9	51.4	
	Bogra	+ 2	+ 1	37.5	— 10.6	51.2	
	Dinajpur	+ 1	0	43.5	— 10.5	51.7	
	Rangpur	—	—	44.5	— 14.7	66.7	
Kashmir	Jammu						
Lahore	Lahore (Jail Rd.)	— 8	×	12.7	— 1.6	19.2	
	Sialkot	— 5	— 4	27.5	— 4.3	32.0	
Rawalpindi	Jhelum	—	+	21.6	—	27.7	
	Rawalpindi	— 6	+ 2	26.5	+ 3.4	33.2	
	Campbellpur	—	—	11.6	—	19.9	
Sargodha	Khushab	—	—	2.9	— 7.2	7.7	
	Lyallpur	— 8	+ 3	6.0	— 3.1	9.8	
Multan	Montgomery	— 10	— 1	8.8	+ 1.5	11.9	
	Multan	— 3	+ 2	1.2	— 3.7	2.9	
	Leiah	—	—	1.7	—	3.5	
Bahawalpur	Khanpur	— 6	— 3	6.2	+ 1.3	7.1	
	Bahawalpur	— 1	×	2.9	— 1.3	3.6	
	Fort Abbas	—	—	0.6	—	0.9	
Peshawar	Chakdara	—	—	7.3	—	16.5	
	Peshawar	— 5	0	2.0	— 2.3	8.6	
	Haripur	—	—	20.5	—	27.2	
D. I. Khan	Bannu	—	—	2.5	—	5.5	
	D. I. Khan	— 7	+ 2	1.6	— 3.8	4.4	
Quetta	Sibi	—	—	2.6	—	3.7	
Kalat	Nokkundi	—	—	0	—	0.1	
	Turbat	—	—	1.8	—	4.6	
	Jiwani	—	—	1.2	—	1.9	
	Pasni	— 1	+ 7	0	— 0.9	0.2	
Karachi Division	Ormara	—	—	0.1	— 0.7	2.0	
	Lasbela			0		0	
	Karachi (Manora)	+ 7	+ 2	2.1	— 3.9	9.1	
	Karachi (Airport)	—	—	10.7	—	10.7	
Hyderabad	Nagarparkar	—	—	10.6	—	10.6	
	Umerkot	—	—	7.8	—	7.9	
	Hyderabad	— 2	0	15.6	+ 9.6	16.2	
	Badin	+ 1	+ 1	6.5	— 0.7	7.1	
Khairpur	Padidan	—	—	2.8	—	3.4	
	Nawabshah	—	—	2.8	—	3.2	
	Sukkur	—	—	0.5	—	2.5	
	Kashmore	—	—	0.5	—	0.5	
	Jacobabad	— 7	+ 2	2.0	— 0.2	2.9	
Junagadh	Veraval	—	—	—	—	—	
Afghanistan	Jalalabad						
Arabia	Muscat						
	Kuwait						
	HILL STATIONS						
Kashmir	Srinagar *						
	Gulmarg **						
	Sonamarg **						
	Dras **						
	Leh **						
	Skardu *	—					
	Misgar **	—	—	—		—	
	Aliabad *						
	Gilgit *	—	—	—	—	—	
Rawalpindi	Murree *	0	— 2	30.6	— 4.2	48.7	
Peshawar	Drosh *	—	—	4.9	—	16.9	
	Cherat *	+ 8	— 4	41.8	0	35.9	
	Kakul *	—	—	28.9	—	34.5	
	Landikotal *	—	—	4.2	—	20.3	
	Parachinar *	— 5	— 2	12.6	—	26.1	
D.I. Khan	Miranshah *	—	—	—	—	—	
	Wana *	—	—	4.9	—	13.2	
Quetta	Fort Sandeman *	— 6	— 4	5.5	+ 0.5	10.2	
	Hindubagh *	—	—	0.8	—	4.6	
	Loralai *	—	—	1.1	—	4.6	
	Harnai *	—	—	5.7	— 1.7	8.8	
	Quetta *	—	—	0.1	— 0.9	4.3	
	Chaman *	— 9	— 10	0	— 0.1	1.3	
	Nushki *	—	—	0	—	0.2	
	Dalbandin *	— 10	— 4	0	— 0.2	1.1	
Kalat	Kalat *	— 6	— 8	0.2	— 1.0	2.1	
	Panjgur *	— 8	— 2	0.3	—	1.3	
Afghanistan	Kabul *						
	Kandhar *						

† Given in Code.

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

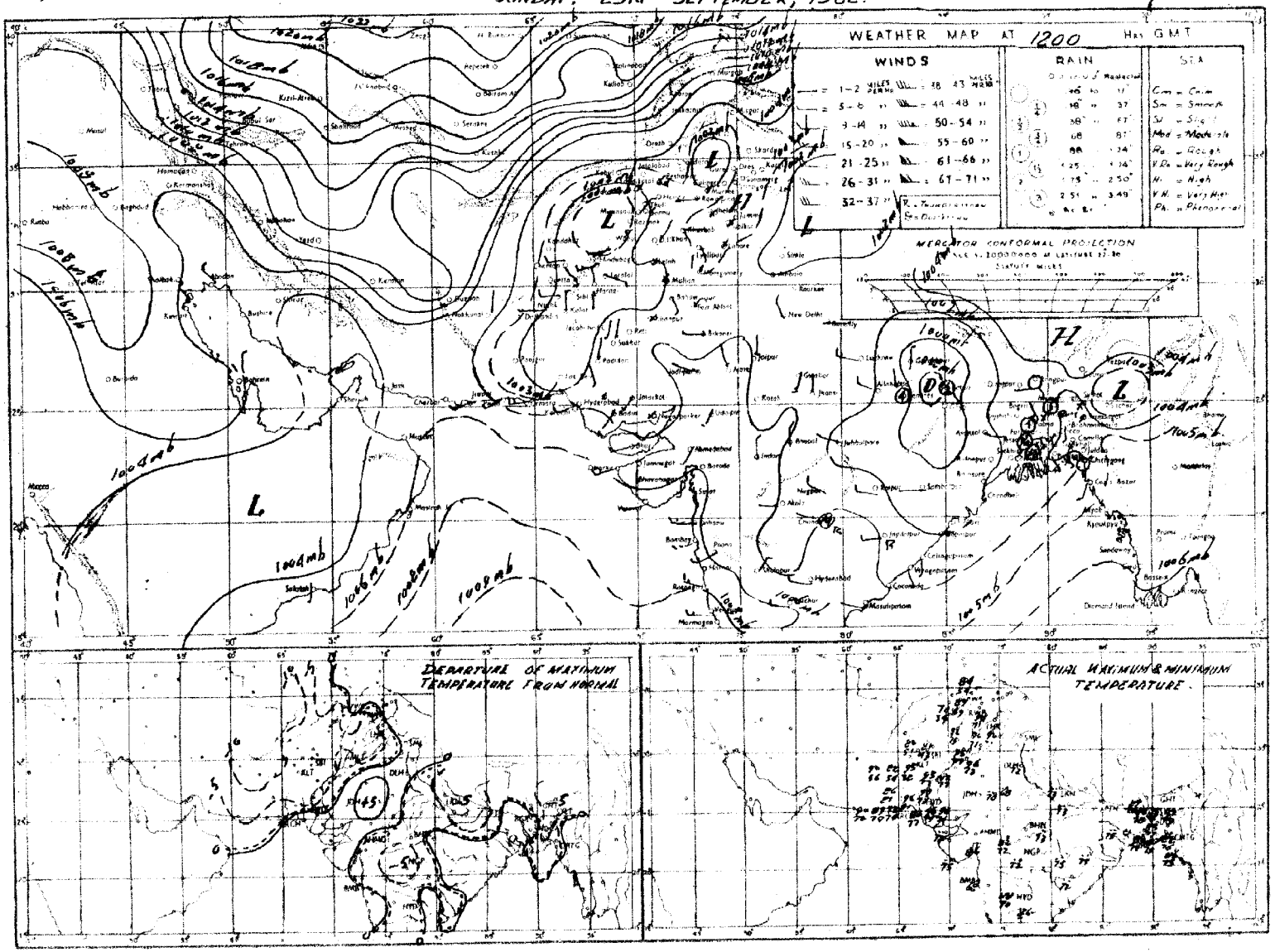
** These stations report for PPP, the geopotential of the 700 mbs. Pressure level in geopotential metres, the thousands figure omitted.

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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER MAP

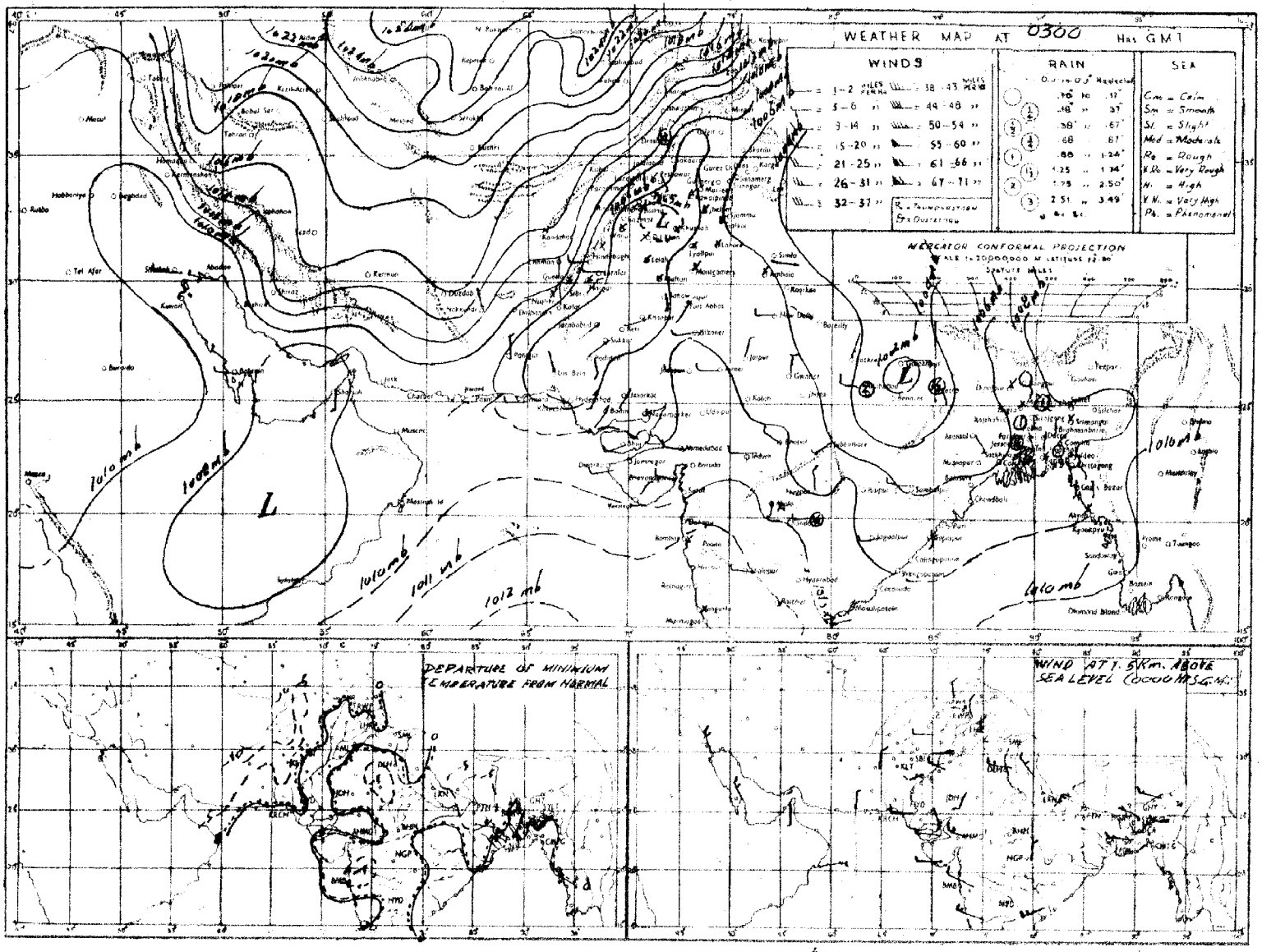
SUNDAY, 23rd SEPTEMBER, 1962.



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

PAKISTAN DAILY WEATHER MAP

MONDAY, 24th SEPTEMBER, 1962.



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. 16

TUESDAY THE 25th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's well marked low over northeast Utter Pradesh is weakening and merging with the seasonal trough.

Latest observations from East Pakistan lacking. According to observation up to 0000 rain/thundershowers have been scattered in Chittagong and Khulna divisions.

The low pressure wave over Peshawar division and neighbourhood is moving away across Kashmir. Another lies over Peshawar division and adjoining areas. These have caused fairly widespread rain/thundershowers in Rawalpindi division and local in Peshawar division. Scattered thunderstorms have also been reported from D. I. Khan division.

Chief amounts of rainfall are:—Cherat 3/4" and Murree and Peshawar 1/4" each.

Day temperaturures were 6—12 °F (3—7 °C) below normal in Quetta and Kalat divisions and 3—6 °F (2—3 °C) so elsewhere over West Pakistan outside Karachi division.

Forecast valid until the evening of 26th September, 1962:—Fairly widespread thunderstorm/showers will occur in Rawalpindi division and in Kashmir, local in East Pakistan, Peshawar, Sargodha and Lahore divisions and scattered in Quetta, D. I. Khan and Multan divisions.

Karachi-11
The 25th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
for Director, Meteorological Service.

Divisions	Stations	AT 1200 Hrs. G.M.T. of Previous day: Rainfall in Cents (RRR)	Past weather commenced at † (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (dd)	Wind speed in Knots (ff)	Horizontal visibility † (vv)	Present weather (ww)	Past weather † (W)	Sea level Pressure (mbs. and tenths) (PPP)	Dry Bulb temperature °F (TT)	Amount of Lowest Cloud † (Nh)	Low Cloud form † (CL)	Height of Lowest Cloud † (h)	Medium Cloud form † (CM)	High Cloud form † (CH)	Dewpoint temperature °F (TdTd)	Maximum temperature °F (TxTx)	At 0300 Hrs. G.M.T. of date: Rainfall in Cents (RRR)	Past weather commenced at † (Wx)	Total cloud amount (N)	Wind direction in tens of degrees (d)	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 (TnT)	Departure from Normal of: Maximum Temperature (TxTx)	Minimum Temperature (TnTn)	Rainfall: Since 1st June 1962 to date	Departure from normal	Since 1st January, 1962 to date	Actual Normal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	000	1	6	18	02	95	99	9	070	84	2	7	6	7	3	75	94	000	0	5	18	02	98	05	1	101	87	3	3	6	7	4	77	79	—	—	—	—	—	—
	Cox's Bazar	000	0	0	18	05	97	91	2	060	84	4	8	5	7	8	77	84	000	0	6	13	03	97	02	6	083	84	3	8	5	3	8	75	76	— 1	— 0	99.9	— 7.4	110.7	140
	Chittagong	000	0	5	23	03	96	02	2	051	83	2	3	6	2	1	76	88	000	0	3	00	00	97	01	1	081	84	1	1	6	1	1	77	78	+ 1	+ 2	72.0	— 3.7	88.5	108
	Maijdee Court	000	9	4	18	05	96	02	2	056	84	4	0	7	2	0	78	88	000	9	4	00	00	97	03	1	059	85	4	2	5	0	0	79	79	— 1	+ 1	76.8	— 5.9	96.5	101
	Comilla	000	0	2	00	00	96	02	1	031	86	2	4	5	0	0	79	92	000	0	2	00	00	97	00	0	070	86	2	4	7	0	0	79	78	— 4	+ 1	49.1	—12.6	62.3	94
	Brahmanbaria	000	0	4	00	00	97	03	1	049	86	2	4	5	0	2	79	89	000	0	3	18	02	97	03	1	091	83	3	4	5	0	0	79	79	—	—	44.7	— 2.1	62.3	78
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	010	0	5	09	05	96	03	0	089	85	5	8	5	0	0	77	74		—	92.7	—	119.7	—
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	000	0	3	00	00	96	02	0	087	86	3	0	4	0	0	76	75		0	46.4	—11.0	62.7	98
Dacca	Mymensingh	000	0	2	00	00	98	02	1	049	87	2	2	5	0	0	77	90	000	0	4	13	00	97	02	1	095	83	4	2	4	0	0	79	78	+ 3	+ 1	51.6	— 9.7	67.6	91
	Narayanganj	000	0	5	00	00	96	03	1	045	86	2	4	3	0	0	77	91	000	0	6	13	02	97	03	1	090	86	4	4	2	0	0	79	81	+ 2	+ 2	48.7	+ 1.5	65.9	74
	Dacca (Tezgaon)	000	0	4	13	02	97	02	1	045	85	1	2	6	0	1	78	89	000	0	6	23	02	97	02	2	085	85	6	8	5	0	0	78	79	—	—	56.9	—	61.8	—
	Faridpur	000	0	5	16	05	96	01	1	048	87	3	4	6	1	0	81	88	000	0	7	16	02	97	02	1	077	85	5	5	5	1	0	78	80	+ 1	+ 2	38.4	— 7.4	51.9	71
Khulna	Barisal	000	0	2	00	00	97	02	2	057	86	2	7	6	0	0	79	89	000	0	6	18	02	97	02	2	088	85	6	0	9	4	0	82	80	+ 2	+ 2	47.7	— 7.4	61.5	81
	Khulna	000	0	2	00	00	97	01	1	046	03	2	5	7	0	0	77	91	000	0	4	00	00	97	07	1	085	86	4	5	7	0	0	79	79	+ 3	+ 2	41.1	— 6.4	47.4	68
	Satkhira	000	0	5	00	00	97	03	2	060	87	2	2	8	3	0	79	92	000	0	6	00	00	97	03	2	097	85	3	4	6	3	0	79	78	+ 3	+ 1	48.1	+ 3.3	54.3	65
	Jessore	012	4	4	18	02	96	02	6	046	85	4	4	6	0	0	79	89	013	9	5	13	03	97	02	1	084	83	5	5	6	0	0	80	78	—	—	39.3	— 3.6	49.5	65
Rajshahi	Pabna	000	0	3	13	05	98	01	1	046	87	0	0	9	0	2	81	92	000	0	4	13	03	97	03	1	081	85	2	2	7	0	2	79	76	—	—	39.7	—	58.1	59
	Sirajganj	000	0	0	00	00	98	00	0	041	85	0	0	9	0	0	76	88	000	0	1	00	00	97	02	1	085	85	1	5	x	0	0	79	78	+ 1	0	38.5	— 5.3	51.4	64
	Bogra	000	0	2	00	00	96	02	1	042	87	2	4	6	0	0	77	91	000	0	7	00	00	96	02	2	084	86	6	4	5	3	0	78	79	+ 3	+ 2	37.5	—10.9	51.2	69
	Dinajpur	000	0	0	00	00	96	00	0	025	88	0	0	9	0	0	77	92																		+ 4					72
	Rangpur	000	0	2	09	02	96	01	1	037	83	2	2	6	0	0	79	93	000	0	5	18	02	96	03	0	084	84	5	5	6	0	0	80	78	—	—	44.5	—15.2	66.7	84
Kashmir	Jammu	...																																							—
Lahore	Lahore (Jail Rd.)	000	0	0	00	00	96	01	0	028	91	0	0	9	0	0	69	91	000	0	0	00	00	96	02	0	055	80	0	0	9	0	0	69	71	— 7	+ 1	12.7	— 1.7	19.1	19
	Sialkot	000	0	0	00	00	96	00	0	020	90	0	0	9	0	0	72	92	000	0	6	13	05	97	02	0	065	72	6	4	5	x	x	64	70	— 3	— 2	27.5	— 4.2	32.0	32
Rawalpindi	Jhelum	000	0	4	31	02	97	03	0	025	89	2	3	7	1	0	64	93	009	6	7	00	00	97	97	9	084	68	5	3	5	1	0	63	67	—	—	21.7	—	27.8	—
	Rawalpindi	000	0	7	18	09	98	03	9	016	83	7	5	6	0	0	48	89	013	3	8	36	05	97	51	6	084	65	8	5	6	0	0	61	64	— 4	— 3	26.7	+ 3.5	33.3	36
	Campbellpur	000	0	0	13	03	98	00	0	032	86	0	0	9	0	0	74	93	013	4	8	13	06	98	00	2	094	67	8	2	7	0	0	63	65	—	—	11.7	—	20.1	—
Sargodha	Khushab	000	0	4	36	10	96	05	1	026	87	4	3	7	0	0	74	94	000	0	7	05	05	97	02	2	061	75	5	2	6	8	0	67	76	—	—	2.9	— 7.2	7.7	15
	Lyallpur	000	0	6	16	02	96	00	0	025	92	0	0	9	0	0	56	93	000	0	5	36	02	96	02	2	006	76	5	3	8	0	0	67	74	— 5	+ 2	6.0	— 3.1	9.8	—12
Multan	Montgomery	000	0	0	36	02	96	02	0	021	92	0	0	9	0	0	60	96	000	0	0	00	00	96	02	0	046	77	0	0	9	0	0	63	72	— 3	— 2	8.8	+ 1.5	11.9	10
	Multan	000	0	0	00	00	97	01	0	016	95	0	0	9	0	0	59	97	000	0	3	00	00	96	05	0	041	79	3	5	6	0	0	64	76	— 1	+ 1	1.2	— 3.7	2.9	7
	Leiah	000	0	1	00	00	97	00	0	999	95	1	2	9	0	0	72	98	000	0	0	16	02	97	00	0	071	79	0	0	9	0	0	70	73	—	—	1.7	—	3.5	8
Bahawalpur	Khanpur	000	0	0	23	03	94	06	4	017	93	0	0	9	0	0	59	96	000	0	1	23	02	94	06	4	050	79	1	0	9	3	0	69	71	+ 5	— 3	6.2	+ 1.4	7.1	6
	Bahawalpur	000	0	0	23	02	98	00	0	075	96	0	0	9	0	0	84	98	000	0	0	13	02	98	00	0	047	80	0	0	9	0	0	69	xx	— 1	×	2.9	— 1.3	3.6	6
	Fort Abbas	000	0	0	23	02	98	00	0	038	96	0	0	9	0	0	46	99	000	0	0	20	02	98	00	0	057	78	0	0	9	0	0	60	72	—	—	0.6	—	0.9	8
Peshawar	Chakdara	000	0	0	18	02	97	00	0	002	81	0	0	9	0	0	61	83	000	0	4	13	02	96	01	0	072	62	4	0	9	3	0	59	60	—	—	7.3	—	16.5	—
	Peshawar	000	0	7	13	28	93	98	9	029	84	4	9	6	3	1	63	89	028	9	7	00	00	98	02	9	081	67	1	5	6	3	0	64	86	— 5	— 3	2.3	— 2.0	8.6	11
	Haripur	000	0	7	23	05	95	09	3	023	84	7	0	9	7	0	63	89	006	5	8	05	01	95	60	6	096	64	8	7	6	0	0	63	63	—	—	20.6	—	27.3	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	006	87	0	0	9	0	0	67	91	000	1	0	03	00	99	00	9	071	71	0	0	9	0	0	51	62	—	—	2.5	—	5.5	11
	D. I. Khan	000	2	4	00	00	98	00	0	007	92	4	0	9	4	0	73	95	000	2	2	36	02	98	01	0	060	76	0	0	9	0	2	67	71	— 4	— 2	1.6	— 3.8	4.4	9
Quetta	Sibi	000	0	0	13	02	98	00	0	034	01	0	0	9	0	0	01	03	000	0	0	00	00	97	05	0	041	80	0	0	9	0	0	25	73	—	—	2.6	—	3.7	5
Kalat	Nokkundi	000	0	0	34	09	97	00	0	080	80	0	0	9	0	0	37	84	000	0	0	34	31	94	08	3	150	58	0	0	9	0	0	12	57	—	—	0	—	0.1	2
	Turbat	000	0	8	05	05	98	00	0	027	02	0	0	9	0	0	46	04	000	0	0	09	02	96	05	0	089	78	0	0	9	0	0	33	xx	—	—	1.0	—	4.6	—
	Jiwani	000	0	0	23	02	96	02	0	064	84	0	0	9	0	0	73	88	000	0	1	05	05	96	28	0	084	75	1	6	9	0	0	72	73	—	—	1.2	—	1.9	5
	Pasni	000	0	8	23	08	95	02	1	001	86	0	0	9	4	3	78	89	000	0	0	25	03	97	05	1	089	81	0	0	9	0	0	77	77	— 1	+ 5	0	— 0.9	0.2	6
Karachi Division	Ormara	000	9	0	22	14	94	05	4	031	85	0	0	9	0	0	68	96	000	0	0	27	05	93	05	4	068	80	0	0	9	0	0	44	75	—	—	0.1	— 0.7	2.0	6
	Lasbela	000	0	4	09	00	98	04	0	967	00	4	0	9	4	0	78	08	000	0	3	23	02	97	03	0	044	96	3	0	8	3	0	79	68	—	—	0	—	0	8
	Karachi (Manora)	000	0	0	27	12	96	02	0	037	86	0	0	9	0	0	77	90	000	0	0	27	10	96	02	0	050	79	0	0	9	0	0	70	77	+ 5	+ 1	9.1	+ 3.1	9.1	8
	Karachi (Airport)	000	0	0	23	07	96	02	0	042	84	0	0	9	0	0	75	89	000	0	0	27	05	96	02	0	056	77	0	0	9	0	0	73	77	—	—	10.7	—	10.7	—
Hyderabad	Nagarparkar	000	0	3	05	02	97	00	0	029	89	0	3	7	0	0	66	91	000	0	4	05	02	96	00	0	024	80	0	4	7	0	0	77	xx	—	—	10.6	—	10.6	—
	Umerkot	000	0	0	23	01	98	02	0	032	92	0	0	9	0	0	66	95	000	0	0	20	02	97	02	0	057	78	0	0	9	0	0	74	74	—	—	7.8	—	7.9	—
	Hyderabad	000	0	0	20	05	97	02	0	040	89	0	0	9	0	0	71	94	000	0	2	20	03	97	01	0	054	79	2	5	6	0	0	75	75	— 4	0	15.6	— 9.6	16.2	7
	Badin	000	0	0	23	02	97	00	0	055	92	0	0	9	0	0	71	95	000	0	0	23	02	97	00	0	075	79	0	0	9	0	0	74	75	— 0	0	6.5	— 0.7	7.1	9
Khairpur	Padidan	000	0	0	18	07	97	02	0	025	96	0	0	9	0	0	58	96	000	0	0	13	07	97	02	0	046	75	0	0	9	0	0	69	70	—	—	2.8	—	3.4	—
	Nawabshah	000	0	0	13	05	96	01	0	038	95	0	0	9	0	0	63	97	000	0	0	18	03	96	02	0	054	77	0	0	9	0	0	71	72	—	—	2.8	—	3.2	—
	Sukkur	000	0	0	20	02	97	02	0	016	00	0	0	9	0	0	64	00	000	0	0	20	03	96	02	0	038	79	0	0	9	0	0	72	76	—	—	2.5	—	2.5	4
	Kashmore	000	0	0	00	00	99	00	0	969	95	0	0	9	0	0	67	xx	000	0	0	00	00	96	00	0	940	83	0	0	9	0	0	68	59	—	—	0.5	—	0.5	—
	Jacobabad	000	0	0	13	02	96	02	0	058	96	0	0	9	0	0	73	97	000	0	0	00	00	96	02	0	045	80	0	0	9	0	0	73	77	— 5	+ 2	2.0	— 0.3	2.9	4
Junagadh	Veraval	...																																							20
Afghanistan	Jalalabad	...																																							
Arabia	Muscat	...																																							4
	Kuwait	...																																							5
	HILL STATIONS																																								26
Kashmir	Srinagar *	...	xxx	x	7	00	00	97	04	1	495	66	7	5	6	0	1	54	73	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
	Gulmarg **	...																																							71
	Sonamarg **	...																																							26
	Dras **	...																																							3
	Leh **	...																																							6
	Skardu *	...																																							—
	Misgar **	...	009	0	8	23	03	97	14	6	069	43	4	7	8	2	0	30	45	017	9	8	09	05	97	50	5	070	35	4	7	8	2	0	33	34	—	—	—	—	—	—
	Allabad *	...																																							5
	Gilgit *	...	000	0	8	00	00	98	02	2	488	70	8	5	8	x	x	44	75	000	0	8	00	00	98	02	2	488	57	8	5	8	x	x	52	54	—	—	—	—	—	—
Rawalpindi	Murree *	...	000	8	8	27	05	97	03	1	450	61	8	5	5	1	1	53	66	022	9	x	xx	xx	96	61	9	486	47	8	9	3	x	x	xx	46	— 4	— 8	30.8	— 4.1	48.9	59
Peshawar	Drosh *	...	017	5	6	05	10	97	20	9	481	62	4	5	6	5	0	42	70	017	9	5	00	00	97	03	2	473	56	3	8	7	6	0	46	54	—	—	6.1	—	17.1	18
	Cherat *	...	005	2	8	13	05	97	60	6	320	67	8	8	6	0	0	40	92	005	9	8	36	07	98	03	9	429	59	8	0	9	2	x	50	57	+ 8	— 7	12.7	+ 0.8	36.8	29
	Kakul *	...	2	7	09	14	97	17	9	457	72	7	9	5	1	0	3	47	79	015	9	8	18	05	97	61	9	477	59	8	7	6	x	x	55	56	—	—	29.1	—	34.7	—
	Landikotal *	...	0	6	13	03	97	01	1	437	76	6	5	7	x	x	45	80	000	0	3	00	00	97	02	0	457	63	3	0	9	3	0	54	60	—	—	4.2	—	20.3	—
	Parachinar *	...	009	2	3	00	00	99	00	6	441	71	3	0	9	1	0	59	74	000	0	5	00	00	99	00	0	468	52	4	0	9	1	0	47	52	— 5	— 4	12.6	—	26.1	29
D.I. Khan	Miranshah *	...	000	0	0	00	00	99	00	0	454	77	0	0	9	0	0	66	84	000	0	0	05	05	96	00	0	463	67	0	0	9	0	0	57	64	—	—	—	—	—	13
	Wana *	...	000	0	0	00	00	99	00	0	509	83	0	0	9	0	0	49	84	000	0	0	00	00	98	00	0	513	61	0	0	9	0	0	52	57	—	—	4.9	—	13.2	11
Quetta	Fort Sandeman *	...	000	0	0	25	01	99	02	0	455	83	0	0	9	0	0	18	85	000	0	0	00	00	99	00	0	480	68	0	0	9	0	0	23	49	— 7	— 14	5.5	+ 0.5	10.2	11
	Hindubagh *	...	000	0	0	25	16	96	00	0	427	73	0	0	9	0	0	18	77	000	0	0	25	05	97	00	0	447	59	0	0	9	0	0	32	48	—	—	0.8	—	4.4	—
	Loralai *	...	000	0	0	13	02	99	00	0	431	79	0	0	9	0	0	49	83	000	0	0	34	03	99	00	0	403	64	0	0	9	0	0	37	51	—	—	1.1	—	4.6	9
	Harnai *	...	000	0	0	13	05	97	00	0	430	88	0	0	9	0	0	37	90	000	0	0	05	05	97	00	0	439	70	0	0	9	0	0	31	62	—	—	5.7	— 1.7	8.8	14
	Quetta *	...	000	0	0	27	02	96	00	0	458	67	0	0	9	0	0	52	73	000	0	0	00	00	96	00	0	480	55	0	0	9	0	0	34	39	—	—	0.1	— 0.9	4.3	9
	Chaman *	...	000	0	0	27	05	98	00	0	450	76	0	0	9	0	0	19	77	000	0	0	18	07	98	00	0	477	54	0	0	9	0	0	07	48	— 12	— 13	0	— 0.1	1.3	8
	Nushki *	...	000	0	0	31	05	98	02	0	520	81	0	0	9	0	0	39	82	000	0	0	36	13	98	05	4	519	59	0	0	9	0	0	41	56	—	—	0	—	0.2	—
	Dalbandin	...	000	0	0	16	05	95	15	0	484	85	0	0	9	0	0	27	87	000	0	0	27	03	95	05	0	431	54	0	0	9	0	0	12	49	— 11	— 9	0	— 0.2	1.1	4
Kalat	Kalat *	...	000	0	0	34	02	96	00	0	472	67	0	0	9	0	0	54	69	000	9	0	18	02	96	00	0	492	46	0	0	9	0	0	35	34	— 12	— 12	0.2	— 1.0	2.1	7
	Panjgur *	...	000	0	0	36	10	96	02	0	484	82	0	0	9	0	0	44	85	000	0	0	00	00	95	05	0	486	58	0	0	9	0	0	31	55	— 9	— 8	0.3	—	1.3	5
Afghanistan	Kabul *	...																																							12
	Kandhar *	...																																							

† Given in Code.

* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

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TUESDAY THE 25th SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	$D_sV_sa_pPP$	$8N_sChsh_s$	$0T_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Hasumaru	23 118	623 00	0 31 20	98 0 08	080 75	00 9 00	66 6 06	...	00 0 73	
Deora	23 242	602 00	0 17 05	98 0 29	066 82	00 9 00	55 6 01	...	08 2 77	...
Dumra	23 237	587 06	0 00 00	98 0 30	086 86	00 9 00	55 1 03	...	05 3 xx	01 7 13
Bengalen	22 063	917 06	7 23 10	98 0 31	109 81	22 4 46	46 8 09	...	05 1 76	11 1 21
Bengalen	22 062	900 12	6 22 10	98 0 31	117 82	22 3 44	66 3 08	...	00 0 75	12 3 22
Alamak Pefy	24 234	651 12	2 27 13	98 0 20	065 88	22 4 xx	56 xxx	...	08 4 75	12 2 22
Alamak Pefy	23 225	636 18	1 27 19	98 0 11	090 81	12 4 00	56 1 10	...	08 5 72	12 7 23
Shams	23 236	671 18	2 27 18	96 0 11	xxx 82	xx x xx	26 1 xx	...	00 1 75	12 7 33
										12 7 53

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION	Time of ascent in G.M.T.	Surface PPP $TTT_dT_dT_d$	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	060 202 182	...	...	140 142 095	...	307 068 908	432 512 555	575 626 028	845 185 785	955 812	229 022	408 139	...
Jiwani ...														
Karachi ...	00 00	001 028 702	...	...	139 175 999	...	307 058 999	431 522 999	574 600 999	744 652 999	954 822	228 012	...	...
Lahore ...	00 00	982 222 205	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	966 202 182	...	...	140 150 999	...	307 048 999	430 535 999	572 622 999	740 730 999	945 865	...	...	...
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. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	006 275 262	900 172 148	800 092 035	...	...	...	...	...	...	800 092 035	...	...
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	200 012 999	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	900 185 166	...	...	...	...	...	...	...	...	900 185 165	...	...
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*

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 08	18 06	21 09	22 08	24 14	23 14	20 09	27 19	19 12
Chaklala ...	...	25 13	23 17	29 09	17 16	10 14	...	...	...
Chhor ...	21 03	23 04	26 05	30 02	34 09	30 11	29 09	29 09	24 10
Chittagong ...	20 06	19 05	19 13	13 02	07 01	13 02	14 03	16 06	16 12
Cox's Bazar ...	20 07	21 07	24 02	08 02	...	...	...	...	...
Dacca ...	20 07	20 07	21 08	21 09	23 09	24 09	28 09	23 07	...
Dalbandin ...	...	...	22 04	23 07	31 08	31 14	31 16	29 16	27 34
D.I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	05 06	...	...	...	...
Fort Sandeman ...	...	...	...	21 05	25 06	28 03	26 40	25 26	25 47
Jacobabad ...	17 06	19 07	20 06	24 05	26 09	27 07	30 12	26 21	26 29
Jessore ...	15 11	18 10	20 12	...	...	...	...	...	...
Jhelum ...	28 06	29 05	29 03	24 04	28 04	17 02	17 07	23 17	24 43
Jiwani ...	20 08	20 06	22 04	34 09	33 17	32 21	34 23	35 25	27 18
Karachi ...	25 11	26 07	27 09	27 12	27 08	32 08	33 16	28 19	29 14
Khanpur ...	20 08	20 12	21 12	23 08	27 05	36 06	28 10	...	...
Lahore ...	25 02	21 04	21 04	21 04	24 03	24 02	08 01	08 04	17 05
Multan ...	19 06	15 06	15 06	18 05	26 02	26 02	25 06	26 22	24 25
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	34 07	34 16	33 18	34 17	29 17	27 19
Peshawar ...	...	16 13	14 20	15 06	...	...	...	...	...
Quetta ...	...	...	...	...	29 13	27 07	28 09	29 25	27 54
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	25 06	25 07	23 07	23 08	24 07	24 08	24 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 ...	21 09	20 07	20 05	24 06	26 04	...
Chaklala ...	...	05 07	01 11	03 05	20 05	...
Chhor ...	23 18	25 12	20 10	28 06	29 05	35 15
Chittagong ...	13 05	12 06	12 05	07 04	09 02	11 04
Cox's Bazar ...	10 02	18 01	05 01	08 03	12 06	12 07
Dacca ...	17 02	16 03	14 02	02 04	35 03	15 01
Dalbandin ...	...	...	27 08	30 03	32 03	33 11
D.I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	21 05	22 02	19 03
Fort Sandeman ...	...	...	...	25 04	31 03	23 05
Jacobabad ...	17 08	22 13	23 09	23 02	24 01	73 04
Jessore ...	19 06	17 07	11 04	...	...	...
Jhelum ...	33 07	31 04	27 02	22 02	29 03	17 04
Jiwani ...	35 06	33 08	35 07	03 10	01 11	32 17
Karachi ...	...	...	...	...	...	...
Khanpur ...	...	...	...	...	...	...
Lahore ...	20 07	19 05	17 04	12 03	10 04	12 01
Multan ...	24 11	22 17	23 20	22 23	...	...
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	33 18	36 33	...
Peshawar ...	...	35 03	07 04	16 05	27 04	25 10
Quetta ...	...	...	...	...	26 04	28 07
Sharjah ...	...	...	...	...	...	...
Sylhet ...	12 04	17 03	25 02	27 04	27 06	...
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.
STATION	17	18	19	20	21	22	23	24	25	26	2
Bogra ...	16 08	19 09	19 09	21 07	28 08	22 09	24 07	21 10	23 03	...	...
Chaklala ...	...	13 08	16 10	18 11	13 04	23 09	27 20	28 19	...	...	...
Chhor ...	21 10	21 12	21 12	23 07	26 04	33 09	34 08	25 17	25 24	25 21	...
Chittagong ...	21 08	11 02	11 02	09 07	08 06	12 07	11 08	...	...	...	...
Cox's Bazar ...	...	...	...	...	...	...	...	...	...	...	...
Dacca ...	21 03	15 05	14 04	07 02	02 03	04 04	12 03	18 03	17 07	19 04	18
Dalbandin ...	...	...	05 17	08 05	21 03	23 08	36 16	33 23	29 25	...	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	21 02	23 02	...	...	...	...	...
Fort Sandeman ...	...	...	...	30 01	27 03	22 10	21 17	23 20	26 27	26 54	25
Jacobabad ...	34 02	35 06	36 07	36 07	03 01	11 05	03 05	19 06	11 13	20 12	27
Jessore ...	19 05	14 05	14 04	...	...	...	...	...	...	...	...
Jhelum ...	35 08	36 10	35 11	26 14	...	...	...	...	...	...	...
Jiwani ...	05 06	04 13	35 13	34 11	35 06	33 18	33 23	34 20	28 16	29 17	30
Karachi ...	29 12	29 12	32 08	29 08	28 13	30 09	30 09	27 17	25 17	27 11	...
Khanpur ...	...	...	...	...	...	...	...	...	...	...	...
Lahore ...	01 10	01 15	01 13	05 08	13 08	14 09	16 06	20 04	19 09	14 07	23
Multan ...	01 08	36 10	36 08	22 03	20 08	23 08	21 08	18 14	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	34 21	...	...	...	...	...	...	...
Peshawar ...	...	10 03	09 04	34 03	29 03	20 02	21 05	23 10	25 31	21 40	24
Quetta ...	...	...	...	...	26 04	34 10	35 12	35 10	27 16	28 28	26
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	18 09	14 05	11 08	10 08	11 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	16.2	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 ...	17 08	18 10	06 05	19 01	33 02	27 01	27 01	14 01	19 07	17 11	19 02	18 07	15 10	14 14	...	...	...	...
Karachi ...	24 23	29 23	29 19	33 07	23 04	24 10	26 08	30 14	27 23	18 13	28 13	27 14	29 06	...	...	...	...	...
Peshawar ...	...	26 08	22 07	29 04	18 05	25 10	25 14	26 17	27 21	27 23	26 94	25 62	26 58	...	...	...	...	...
Quetta ...																		

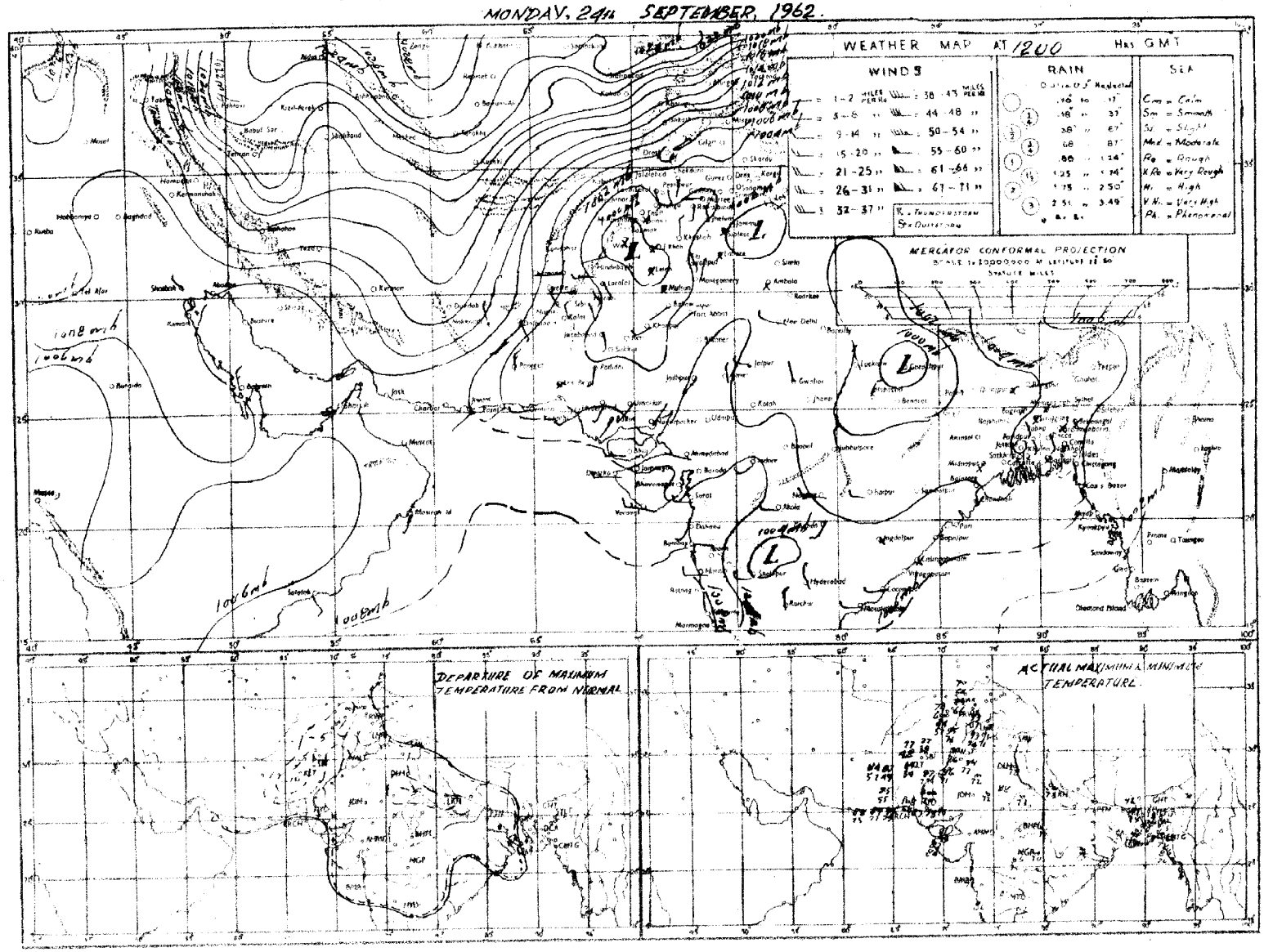
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd VrVr etc.)

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

PAKISTAN DAILY WEATHER MAP

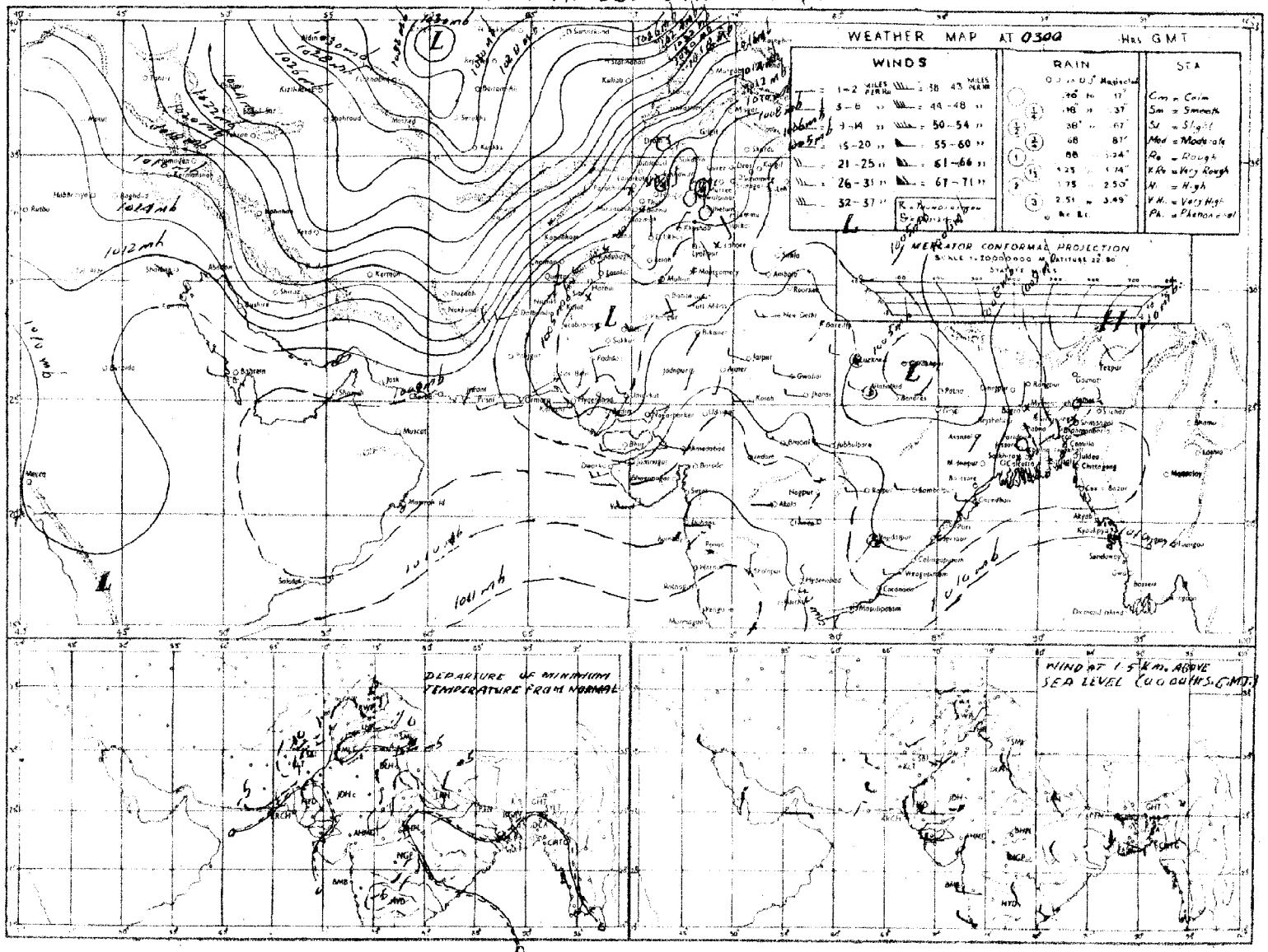
MONDAY, 24th SEPTEMBER, 1962.



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

PAKISTAN DAILY WEATHER MAP

TUESDAY 25th SEPTEMBER 1962.



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

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

WEDNESDAY THE 26th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's westerly low pressure wave has moved away eastwards.

A western disturbance is moving across Quetta division and adjoining areas. These have caused widespread thunderstorm/showers in Lahore division. Fairly widespread in Rawalpindi division and local in Sargodha, Peshawar and D. I. Khan divisions.

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

Thunderstorm/showers have been local in Chittagong division and scattered in Dacca and Khulna divisions.

Chief amounts of rainfall are:—Maijdee Court 2", Rangamati and Parachinar 1" each, Lahore and Murree 3/4" each; Dacca, Sialkot and D. I. Khan 1/2" each and Jhelum, Rawalpindi and Kakul 1/4" each.

Day temperatures were 9—23 °F (5—13 °C) below normal in Quetta, D. I. Khan, Sargodha, Peshawar, Rawalpindi and Lahore divisions and in Kalat division outside coast and 3—8 °F (2—4 °C) so elsewhere over West Pakistan outside coastal districts of Kalat division and were 2—5 °F (1—3 °C) above normal in East Pakistan.

Forecast valid until the evening of 27th September, 1962:—Fairly widespread thunderstorm/showers will occur in Sargodha, Lahore, Rawalpindi divisions and Kashmir, local in Dacca, Chittagong, Peshawar, Multan divisions and scattered elsewhere over West Pakistan outside Karachi and Kalat divisions.

Karachi-11,
The 26th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	...																
	Cox's Bazar	000	0	7	23	02	97	02	2	053	83	5	3	5	7	8	75	87
	Chittagong	000	0	7	00	00	96	00	0	053	84	6	6	6	2	0	78	89
	Maijdee Court	000	9	6	00	00	96	03	0	053	86	4	2	6	6	0	76	89
	Comilla	000	0	8	00	00	96	02	2	030	88	8	4	6	x	x	78	91
	Brahmanbaria	000	0	2	00	00	97	01	1	050	87	2	5	5	0	0	77	90
	Sylhet	000	0	3	00	00	96	01	2	047	84	3	2	6	0	0	77	90
	Srimangal	000	0	0	00	00	96	00	0	051	86	0	0	9	0	0	79	91
Dacca	Mymensingh	000	0	4	00	00	98	02	1	055	87	0	0	9	0	4	76	91
	Narayanganj	000	9	3	00	00	96	03	1	052	88	1	4	3	0	8	77	93
	Dacca (Tezgaon)	047	6	1	00	00	97	01	6	047	86	1	9	5	0	1	77	88
	Faridpur	000	0	4	16	02	96	01	2	046	88	2	4	6	1	0	78	89
Khulna	Barisal	000	0	6	00	00	97	02	2	055	85	6	6	6	0	0	78	90
	Khulna	000	0	5	00	00	97	02	2	053	87	5	5	6	0	0	80	90
	Satkhira	000	0	4	00	00	97	03	2	073	87	2	2	8	3	0	79	92
	Jessore	004	2	4	00	00	97	02	6	053	83	4	4	6	0	0	30	89
Rajshahi	Pabna	000	0	3	13	02	98	01	2	047	87	2	2	7	0	1	79	92
	Sirajganj	000	0	0	00	00	98	00	0	043	87	0	0	9	0	0	77	90
	Bogra	000	0	3	00	00	96	02	2	047	87	3	5	5	x	x	78	94
	Dinajpur	000	0	0	00	00	96	00	0	036	88	0	0	9	0	0	78	93
	Rangpur	000	0	2	09	02	96	01	1	045	86	2	2	6	0	0	79	91
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	000	0	0	05	03	96	01	0	038	84	0	0	9	0	0	69	85
	Sialkot	000	0	0	05	03	97	00	0	035	84	0	0	9	0	0	64	85
Rawalpindi	Jhelum	004	4	1	00	00	97	01	9	038	86	1	1	7	0	0	62	89
	Rawalpindi	000	0	1	09	02	98	00	0	044	80	1	0	9	0	1	57	81
	Campbellpur	000	0	1	30	03	98	00	0	083	86	0	0	9	0	0	74	90
Sargodha	Khushab	000	0	0	09	07	97	05	0	033	88	0	0	9	0	0	73	93
	Lyallpur	000	0	4	02	02	96	92	0	005	87	4	0	9	4	0	58	88
Multan	Montgomery	000	0	6	18	26	96	09	2	032	85	6	3	7	0	0	64	88
	Multan	000	0	0	00	00	97	02	0	014	93	0	0	9	0	0	63	95
	Leiah	000	0	1	16	04	97	00	0	024	xx	0	0	9	1	0	73	99
Bahawalpur	Khanpur	000	0	2	05	07	94	06	0	021	83	2	1	6	0	0	63	97
	Bahawalpur	000	0	2	23	04	97	00	0	075	90	0	0	8	2	0	79	84
	Fort Abbas	000	0	2	31	02	98	00	0	028	86	0	0	9	0	0	60	98
Peshawar	Chakdara	000	0	4	27	02	96	03	0	015	97	4	3	7	0	0	58	x
	Peshawar	000	0	7	23	25	98	98	1	074	77	7	9	6	0	0	42	81
	Haripur	002	8	0	23	01	97	00	5	043	79	0	0	9	0	0	58	81
D. I. Khan	Bannu	000	4	2	05	01	99	03	1	039	82	0	0	9	3	0	57	86
	D. I. Khan	000	2	3	05	04	98	07	0	024	85	0	0	9	0	2	61	93
Quetta	Sibi	000	0	0	23	02	98	00	0	999	99	0	0	9	0	0	17	02
Kalat	Nokkundi	000	9	0	34	25	95	07	0	113	74	0	0	9	0	0	24	74
	Turbat	000	0	0	31	07	95	07	0	048	94	0	0	9	0	0	59	98
	Jiwani	000	0	0	23	16	97	02	0	064	86	0	0	9	0	0	66	92
	Pasni	000	8	6	23	01	96	02	1	989	83	0	0	9	4	3	77	90
Karachi Division	Ormara	000	9	0	27	10	93	05	4	032	86	0	0	9	0	0	51	97
	Lasbela	000	0	4	00	00	98	00	0	963	02	4	0	9	4	0	xx	06
	Karachi (Manora)	000	0	0	27	10	96	02	0	022	85	0	0	9	0	0	72	88
	Karachi (Airport)	000	0	0	23	09	96	02	0	031	86	0	0	9	0	0	51	91
Hyderabad	Nagarparkar	000	0	0	13	02	97	00	0	027	90	0	0	9	0	0	69	92
	Umerkot	000	0	0	25	03	98	02	0	026	90	0	0	9	0	0	67	93
	Hyderabad	000	0	0	18	10	97	02	0	026	91	0	0	9	0	0	59	94
	Badin	000	0	0	23	02	97	00	0	048	91	0	0	9	0	0	61	95
Khairpur	Padidan	000	0	0	18	05	97	02	0	014	95	0	0	9	0	0	57	95
	Nawabshah	000	0	0	18	03	96	02	0	026	93	0	0	9	0	0	67	97
	Sukkur	000	0	2	20	03	96	03	0	010	97	0	0	9	0	3	67	98
	Kashmore	000	0	0	00	00	99	00	0	990	94	0	0	9	0	0	65	xx
	Jacobabad	000	0	0	09	03	96	02	0	019	95	0	0	9	0	0	73	96
Junagadh	Veraval																	
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	4	32	02	97	01	6	481	55	2	7	3	3	0	46	xx
	Gulmarg **	xx5	x	6	14	04	93	44	9	093	46	6	5	2	0	0	45	48
	Sonamarg **																	
	Dras **																	
	Leh **	xxx	x	6	xx	xx	98	03	1	011	59	3	4	8	3	0	27	63
	Skardu *	000	2	8	27	09	95	50	5	400	58	5	6	4	2	x	37	61
	Misgar **	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...
	Aliabad *																	
	Gilgit *	005	2	8	00	00	97	50	2	577	57	8	5	7	x	x	50	64
Rawalpindi	Murree *	006	8	0	29	09	98	00	6	468	55	0	0	9	0	0	38	50
Peshawar	Drosh *	029	5	8	13	03	95	95	9	503	52	8	9	5	x	x	49	69
	Cherat *	000	0	8	13	02	97	03	2	xx	68	6	3	5	2	x	54	81
	Kakul *	009	8	2	31	05	98	01	6	462	70	2	0	9	3	0	54	72
	Landikotal *	005	2	7	23	05	98	09	x	464	62	7	3	7	x	x	47	76
	Parachinar *	104	4	6	00	00	99	03	7	447	57	6	1	9	1	0	43	67
D. I. Khan	Miranshah *	000	0	4	05	05	99	03	2	442	73	4	4	8	0	0	64	78
	Wana *	000	0	4	00	00	99	01	1	513	75	4	1	9	0	0	56	81
Quetta	Fort Sandeman *	000	0	0	20	02	99	00	0	441	81	0	0	9	0	0	21	83
	Hindubagh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Loralai *	000	0	0	16	03	99	00	0	431	77	0	0	9	0	0	47	81
	Harnai *	000	0	0	13	05	97	00	0	422	86	0	0	9	0	0	16	88
	Quetta *	000	0	0	31	02	96	00	0	454	71	0	0	9	0	0	42	72
	Chaman *	000	0	0	23	07	98	00	0	460	66	0	0	9	0	0	03	67
	Nushki *	000	0	0	36	19	96	05	4	519	70	0	0	9	0	0	35	71
	Dalbandin *	000	2	0	13	03	93	05	4	491	79	0	0	9	0	0	27	81
Kalat	Kalat *	000	0	0	34	07	94	00	0	459	62	0	0	9	0	0	55	69
	Panjgur *	000	0	9	31	11	91	05	4	482	69	9	x	0	x	x	40	70
Afghanistan	Kabul *																	
	Kandhar *																	

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 d (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 TnT (36)
Rangamati	(98	9	6	27	02	98	3	9	073	83	3	7	6	7	x	77	78
Cox's Bazar	000	0	6	20	02	97	02	1	090	84	2	4	5	4	8	76	77
Chittagong	000	0	7	00	00	97	02	2	024	84	7	5	6	0	0	78	78
Maijdee Court	180	3	8	00	00	94	61	4	099	75	8	6	5	x	x	74	74
Comilla	000	0	8	00	00	96	02	2	086	77	8	4	4	x	x	75	77
Brahmanbaria	000	0	6	18	02	97	03	1	094	82	4	4	5	2	0	79	80
Sylhet	000	0	6	13	02	96	02	1	085	85	7	9	4	0	0	78	77
Srimangal	000	0	4	00	00	95	03	0	093	86	4	0	4	0	0	77	76
Mymensingh	000	0	4	13	02	97	02	1	096	85	2	2	4	0	4	79	79
Narayanganj	000	9	8	00	00	97	02	2	094	83	8	4	2	x	x	79	81
Dacca (Tezgaon)	049	0	7	00	00	96	05	1	088	83	1	2	6	2	3	79	77
Faridpur	000	0	6	16	02	97	02	2	086	86	3	4	6	1	0	81	81
Barisal	000	0	8	13	05	96	02	3	103	82	6	7	4	6	0	77	80
Khulna	000	0	6	00	00	97	02	2	093	86	6	5	6	x	0	80	79
Satkhira	000	0	5	00	00	97	03	2	107	87	7	1	8	3	0	80	79
Jessore	017	0	5	00	00	97	02	1	089	84	5	5	6	0	0	81	79
Pabna	000	0	4	05	02	98	03	1	082	87	2	2	7	0	1	78	80
Sirajganj	000	0	4	00	00	97	03	1	085	87	4	2	5	0	0	81	79
Bogra	000	0	5	00	00	96	82	0	084	86	3	5	5	1	1	18	80
Dinajpur	000	0	0	00	00	96	03	1	075	87	0	0	9	0	0	80	78
Rangpur	000	0	1	09	02	96	01	0	084	85	1	1	6	0	0	81	78
Jammu																	
Lahore (Jail Rd.)	075	6	8	36	03	96	97	9	095	66	5	3	6	2	1	65	65
Sialkot	042	3	8	05	03	97	02	6	084	65	8	5	6	1	1	62	62
Jhelum	022	3	7	31	03	97	03	9	092	66	3	5	6	7	0	59	63
Rawalpindi	018	0	8	00	00	96	02	5	097	64	8	5	6	0	0	59	62
Campbellpur	007	1	7	07	10	98	00	2	107	67	0	0	0	2	1	57	67
Khushab	000	0	7	05	10	98	03	2	079	68	5	5	8	2	0	67	60
Lyallpur	000	0	5	02	03	96	02	3	084	70	5	0	9	4	0	60	68
Montgomery	000	0	7	05	03	96	03	0	083	69	7	4	7	0	0	60	68
Multan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Khanpur	000	0	3	05	16	93	07	4	074	72	2	2	6	3	0	67	71
Bahawalpur	000	0	3	31	04	97	04	0	088	74	3	0	9	0	1	62	xx
Fort Abbas	000	0	0	36	02	98	00	0	077	76	0	0	9	0	0	66	75
Chakdara	000	0	6	36	02	96	01	0	117	61	0	0	9	9	0	56	59
Peshawar	004	9	5	00	00	96	02	9	101	66	2	5	6	3	0	57	63
Haripur	002	6	7	31	02	96	03	5	096	64	7	7	6	0	0	59	62
Bannu	000	0	0	00	00	99	00	0	079	68	0	0	9	0	0	59	63
D. I. Khan	043	2	2	23	02	98	01	0	086	68	0	0	9	0	2	63	64
Sibi	000	0	0	31	02	95	05	0	056	80	0	0	9	0	0	12	78
Nokkundi	000	9	0	34	31	94	08	3	123	58	0	0	9	0	0	12	50
Turbat	000	0	0	05	02	92	07	0	095	75	0	0	9	0	0	26	xx
Jiwani	000	0	0	05	05	94	05	0	085	77	0	0	9	0	0	73	74
Pasni	000	3	0	25	12	97	05	1	089	80	0	0	9	0	0	77	78
Ormara	000	9	0	27	03	92	05	4	057	78	0	0	9	0	0	46	77
Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Karachi (Manora)	000	0	0	27	10	93	06	4	054	78	0	0	9	0	0	43	76
Karachi (Airport)	000	0	0	27	02	96	06	0	053	79	0	0	9	0	0	63	70
Nagarparkar	000	0	4	00	00	97	00	0	059	78	x	x	x	x	x	72	xx
Umerkot	000	0	8	20	04	97	02	0	055	76	8	5	7	0	0	71	72
Hyderabad	000	0	0	18	03	94	10	0	049	75	0	0	9	0	0	67	72
Badin	000	0	8	18	02	96	05	0	040	75	8	0	9	0	0	63	68
Padidan	000	0	0	13	05	97	02	0	054	70	0	0	9	0	0	61	67
Nawabshah	000	0	0	18	03	96	02	0	059	73	0	0	9	0	0	60	64
Sukkur	000	9	0	20	05	96	02	0	055	76	0	0	9	0	0	59	73
Kashmore	000	0	0	00	00	99	00	0	985	81	0	0	9	0	0	65	57
Jacobabad	000	0	0	09	09	96	05	0	051	79	0	0	9	0	0	68	76
Veraval																	
Jalalabad																	
Muscat																	
Kuwait																	
HILL STATIONS																	
Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gulmarg **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sonamarg **																	
Dras **																	
Leh **		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Skardu *	000	9	8	00	00	96	02	2	431	50	5	6	4	2	x	38	47
Misgar **	009	8	7	23	03	97	01	7	093	36	2	4	9	6	0	29	33
Aliabad *																	
Gilgit *	000	0	8	00	00	98	02	2	492	54	8	5	8	x	x	50	50
Murree *	068	9	8	11	13	97	03	9	482	48	8	5	4	1	1	38	43
Drosh *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cherat *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kakul *	037	8	8	31	03	97	61	6	475	54	8	7	6	1	1	50	53
Landikotal *	005	0	1	23	05	97	01	1	466	60	0	9	0	9	1	47	56
Parachinar *	104	0	5	00	00	98	03	2	494	xx	1	8	0	0	0	40	49
Miranshah *	000	0	0	00	00	99	00	0	461	63	0	0	9	0	0	56	57
Wana *	000	0	6	00	00	98	01	1	513	81	6	0	9	2	0	51	55
Fort Sandeman *	000	0	0	00	00	96	05	4	486	61	0	0	8	0	0	37	57
Hindubagh *	000	0	0	25	14	95	00	0	464	56	0	0	9	0	0	36	44
Loralai *	000	0	7	31	02	98	00	2	400	62	0	4	8	2	1	36	50
Harnai *	000	0	0	31	09	96	06	0	447	68	0	0	9	0	0	27	65
Quetta *	000	0	0	05	02	96	00	0	486	54	0	0	9	0	0	33	44
Chaman *	000	0	0	18	07	96	06	4	475	51	0	0	x	0	0	12	47
Nushki *	000	0	0	36	13	96	05	4	524	54	0	0	9	0	0	23	52
Dalbandin *	000	9	0	08	03	91	05	4	489	57	9	x	0	x	x	08	57
Kalat *	000	0	0	34	03	96	00	0	499	45	0	0	9	0	0	29	36
Panjgur *	000	9	9	05	03	91	05	4	482	57	9	x	0	x	x	32	56
Kabul *																	
Kandhar *																	

STATIONS (2)	Departure from Normal of Maximum Temperature TxTx (37)	Departure from Normal of Minimum Temperature TnTn (38)	Rainfall Since 1st June 1962 to date (39)	Rainfall Departure from normal (40)	Rainfall Since 1st January, 1962 to date (41)	Rainfall Annual Normal (42)
Rangamati		—	...			—
Cox's Bazar	0	+ 2	99.9	— 7.9	110.7	14[illegible]
Chittagong	+ 2	2	72.0	— 4.1	85.5	108
Maijdee Court	0	— 3	78.6	— 4.6	98.3	101
Comilla	+ 3	+ 1	49.1	—13.0	62.3	94
Brahmanbaria	—	—	44.7	— 2.4	62.3	78
Sylhet	—	—	92.8	—	119.8	—
Srimangal	0	+ 2	46.4	—11.3	62.7	98
Mymensingh	+ 4	+ 2	51.6	—10.1	67.6	91
Narayanganj	+ 4	+ 3	48.7	+ 1.3	65.9	74
Dacca (Tezgaon)	—	—	57.4	—	62.3	—
Faridpur	+ 2	+ 3	38.4	— 7.6	51.9	71
Barisal	+ 3	+ 2	47.7	— 7.7	61.5	81
Khulna	+ 2	+ 2	41.1	— 6.7	47.4	68
Satkhira	+ 3	+ 3	48.1	+ 3.0	54.3	65
Jessore	—	—	39.4	— 3.7	49.7	65
Pabna	—	—	39.7	—	58.1	59
Sirajganj	+ 3	+ 2	38.5	— 5.6	51.4	64
Bogra	+ 6	+ 3	37.5	—11.4	51.2	69
Dinajpur	+ 5	+ 1	—	—	—	72
Rangpur	—	+ 2	44.5	—15.7	66.7	84
Jammu						—
Lahore (Jail Rd.)	— 13	— 3	13.5	— 0.9	19.8	19
Sialkot	— 10	— 8	27.9	+ 4.6	31.4	32
Jhelum	—	—	21.9	—	28.0	—
Rawalpindi	— 12	— 3	26.9	+ 3.6	33.5	36
Campbellpur	—	—	11.8	—	20.1	—
Khushab	—	— 11	2.9	— 7.3	7.8	15
Lyallpur	— 10	— 2	6.0	— 3.1	9.8	12
Montgomery	— 11	— 4	8.8	+ 1.5	11.9	10
Multan	— 3					7
Leiah	—					8
Khanpur	— 4	— 1	6.2	+ 1.4	7.2	6
Bahawalpur	— 5	×	2.9	— 1.3	3.6	6
Fort Abbas	—	—	0.6	—	0.9	8
Chakdara	—	—	7.3	—	16.6	—
Peshawar	— 13	— 4	2.3	— 2.0	8.9	11
Haripur	—	—	20.6	—	27.3	—
Bannu	—	—	2.5	—	5.5	11
D. I. Khan	— 9	— 7	2.0	— 3.4	4.9	9
Sibi	—	—	2.6	—	3.7	5
Nokkundi	—	—	0	—	0.1	2
Turbat	—	—	1.8	—	4.6	—
Jiwani	—	—	1.2	—	1.8	5
Pasni	0	+ 7	0	— 0.9	0.2	6
Ormara	—	—	0.1	— 0.7	2.0	6
Lasbela	—					8
Karachi (Manora)	+ 3	0	9.1	+ 3.1	9.1	8
Karachi (Airport)	—	—	10.7	—	10.7	—
Nagarparkar	—	—	10.6	—	10.6	—
Umerkot	—	—	7.8	—	8.0	—
Hyderabad	— 4	— 3	15.6	+ 9.6	16.2	7
Badin	0	— 6	6.5	— 0.7	7.2	9
Padidan	—	—	2.8	—	3.4	—
Nawabshah	—	—	2.8	—	3.2	—
Sukkur	—	—	2.5	—	2.5	4
Kashmore	—	—	0.5	—	0.5	—
Jacobabad	— 6	+ 3	2.0	— 0.3	2.9	4
Veraval						20
Jalalabad						
Muscat						4
Kuwait						5
HILL STATIONS						
Srinagar *	—					26
Gulmarg **	—					—
Sonamarg **						71
Dras **						26
Leh **	—					3
Skardu *		—	—	—	—	6
Misgar **		—	—	—	—	—
Aliabad *						
Gilgit *	—	—	—	—	—	5
Murree *	— 12	— 10	31.5	— 3.6	49.6	59
Drosh *	—					18
Cherat *	— 3					28
Kakul *	—		92.5	—	35.1	—
Landikotal *	—	—	4.3	—	20.4	—
Parachinar *	— 12	— 6	13.6	—	27.2	29
Miranshah *	—	—	—	—	—	13
Wana *	—	—	4.9	—	13.2	11
Fort Sandeman *	— 9	— 4	5.5	+ 0.5	10.2	11
Hindubagh *		—	0.8	—	4.6	—
Loralai *	—	—	1.1	—	4.6	9
Harnai *	—	—	5.7	— 1.7	8.8	14
Quetta *	—	—	0.1	— 0.9	4.3	9
Chaman *	— 22	— 12	0	— 0.1	1.3	8
Nushki *	—	—	0	—	0.2	—
Dalbandin *	— 17	— 1	0	— 0.2	1.2	4
Kalat *	— 12	— 8	0.2	— 1.0	2.2	7
Panjgur *	— 24	— 5	0.3	—	1.3	5
Kabul *						12
Kandhar *						

† Given in Code.
* These stations reportf or PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

WEDNESDAY THE 26th SEPTEMBER, 1962.

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_sChh_s	$0T_sT_sT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Oceanis	34 110	569 00	1 20 36	97 0 20	106 77	11 3 00	26 3 00	...	00 0 76	12 0 xx
Delius	33 245	571 00	0 99 02	99 0 20	081 86	00 9 00	75 8 20	...	85 3 74	01 9 x0
Shams	33 221	680 00	4 18 13	96 0 11	870 84	38 3 96	26 1 xx	...	00 2 72	11 8 22
State of Bombay	33 029	604 00	1 00 00	98 0 10	107 82	10 0 10	15 1 05	...	40 1 68	10 0 00
Celtic Parnis	33 253	576 36	0 04 07	97 0 50	110 90	00 9 00	...	...	00 3 77	10 4 33
Tencaim	33 000	851 06	4 22 16	98 0 31	115 82	32 4 05	46 8 14	...	00 1 79	12 2 32
Alamaka	33 204	607 06	5 33 10	98 0 31	115 99	52 4 00	56 3 07	...	00 0 74	12 3 33
Caltex	33 214	630 06	5 24 09	98 0 13	309 81	31 5 48	35 2 04	...	00 0 73	12 4 33
Edjel	33 287	463 06	0 34 15	98 0 20	013 88	00 9 00	36 2 47	...	[illegible]	0 34 21
Bengalen	33 089	835 12	3 22 18	98 0 20	095 82	22 4 63	66 3 03	...	00 0 76	12 2 33
Edjele	33 280	586 12	0 29 02	98 0 20	205 72	00 9 00	36 7 20	...	00 0 76	12 9 x0
Safina-e-Hajjaj	33 060	889 12	3 18 09	98 0 11	090 84	41 3 00	25 2 00	...	00 2 77	11 8 00
Safina-e-Hajjaj	33 060	873 18	2 18 09	98 0 11	118 82	2x x 00	23 1 01	...	00 1 78	11 8 xx
Devon	33 108	528 18	0 15 12	98 0 20	100 76	00 9 00	36 2 16	...	05 1 75	11 6 23

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPP TTT $T_dT_dT_d$	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	056 252 235	...	...	145 162 142	...	310 085 042	436 002 535	580 578 618	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	001 248 162	...	...	140 190 999	...	306 080 999	431 515 999	574 585 999	745 628 999	958 788	234 022	415 128	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	967 192 148	...	...	141 148 999	...	306 038 999	429 555 999	579 668 999	732 785 999	...	...	...	...
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. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	005 262 245	900 205 172	800 142 112	...	...	...	...	...	...	800 142 112	...	...
Jiwani ...													
Karachi ...	00 00	...	...	...	...	...	...	...	...	...	150 128 999	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	...	...	...	...	...	...	...	...	...	400 785 999	...	...
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*

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 08	24 10	24 09	27 05	27 07	28 06	27 04	27 03	28 08
Chaklala ...	...	...	...	...	...	...	...	...	...
Chitor ...	28 10	22 11	21 09	21 05	27 07	26 14	24 27	35 27	...
Chittagong ...	25 05	25 04	21 02	14 03	...	...	...	...	...
Cox's Bazar ...	24 06	24 05	23 06	...	...	...	...	...	...
Dacca ...	25 04	35 06	35 04	36 02	36 03	05 01	08 01	17 03	16 01
Dalbandin ...	...	...	30 01	09 08	04 06	...	...	...	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	21 09	20 07	23 11	27 11	26 19	26 39
Jacobabad ...	15 06	16 07	15 10	16 13	20 07	25 13	25 13	25 21	29 29
Jessore ...	No	Ascent	...	...	...	...	...	...	...
Jhelum ...	29 01	09 02	04 02	15 01	22 04	25 09	25 13	22 13	20 15
Jiwani ...	20 07	27 05	33 07	34 18	33 26	34 29	34 17	33 19	33 13
Karachi ...	25 11	25 12	24 14	28 12	32 09	30 12	30 11	30 15	26 26
Khanpur ...	02 02	16 02	21 04	20 04	21 08	27 13	26 12	24 12	...
Lahore ...	04 07	07 08	09 06	18 03	30 05	24 05	27 06	25 13	21 24
Multan ...	34 01	32 02	32 04	30 07	28 12	21 15	19 08	17 12	27 12
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	No	Ascent	...	...	...	...	...	...	...
Peshawar ...	No	Ascent	...	...	...	...	...	...	...
Quetta ...	...	...	...	...	31 07	31 15	29 17	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	28 08	28 07	28 07	22 06	31 04	28 06	...	...	...
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	26 04	28 05	33 04	28 03	28 05
Chaklala ...	...	29 07	29 11	07 07	...	...
Chitor ...	20 22	20 22	17 15	15 10	12 15	14 09
Chittagong ...	06 07	06 07	09 06	10 05	...	...
Cox's Bazar ...	13 06	13 07	09 07	12 08	11 12	09 08
Dacca ...	06 01	04 02	04 05	03 05	02 04	05 02
Dalbandin ...	...	...	16 08	12 03	...	...
D.I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	...	...	...
Fort Sandeman ...	...	...	...	30 03	36 05	28 09
Jacobabad ...	36 05	34 03	24 01	29 01	30 01	16 03
Jessore ...	31 03	36 05	02 07	05 06	06 06	...
Jhelum ...	02 20	03 15	11 06	20 06	21 12	23 22
Jiwani ...	05 17	03 14	02 14	...	...	...
Karachi ...	...	...	...	...	...	...
Khanpur ...	23 15	24 17	24 17	26 09	24 07	23 02
Lahore ...	35 13	35 13	01 04	09 07	...	...
Multan ...	No	Ascent	...	...	...	...
Muscat ...	...	...	...	...	...	...
Panjgur ...	No	Ascent	...	...	...	...
Peshawar ...	...	30 06	31 10	30 21	33 13	10 12
Quetta ...	...	...	...	...	29 02	31 07
Sharjah ...	...	...	...	...	...	...
Sylhet ...	10 02	...	...	...	...	...
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 ...	24 08	23 07	22 06	...	...	...	...	...	...	...	...
Chaklala ...	...	05 01	09 08	12 12	12 09	21 12	22 17	...	...	...	...
Chitor ...	20 12	...	...	...	...	...	...	...	...	...	...
Chittagong ...	33 02	08 03	08 04	09 08	09 08	...	...	...	...	...	...
Cox's Bazar ...	17 05	14 04	11 07	07 08	...	...	...	...	...	...	...
Dacca ...	20 04	13 01	09 02	04 08	09 05	11 04	07 04	05 03	16 02	24 01	30 0
Dalbandin ...	...	...	07 05	...	...	...	...	...	...	...	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	22 07	21 11	...	...	...	...	...
Fort Sandeman ...	...	...	...	31 04	35 04	...	...	...	...	...	...
Jacobabad ...	10 13	09 12	09 06	14 02	18 06	...	...	...	...	...	...
Jessore ...	10 08	08 04	07 06	07 05	05 10	...	...	...	...	...	...
Jhelum ...	09 06	10 15	10 13	12 07	22 01	23 08	...	...	...	...	...
Jiwani ...	03 18	...	...	...	...	...	...	...	...	...	...
Karachi ...	24 08	...	...	...	...	...	...	...	...	...	...
Khanpur ...	07 11	07 12	...	...	...	...	...	...	...	...	...
Lahore ...	11 08	14 10	16 09	19 11	26 14	...	...	...	...	...	...
Multan ...	01 13	35 13	02 10	04 09	05 13	...	...	...	...	...	...
Muscat ...	...	...	...	...	...	...	...	...	...	...	...
Panjgur ...	No	Ascent	...	...	...	...	...	...	...	...	...
Peshawar ...	...	13 02	23 01	31 07	02 01	11 05	22 18	22 21	22 26	22 44	22 7
Quetta ...	...	...	...	...	31 02	...	...	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...
Sylhet ...	26 06	28 04	30 03	33 04	31 04	26 02	xx xx	xx xx	26 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	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 ...	xx xx	31 01	03 03	04 07	04 04	35 03	35 01	21 03	18 02	...	...	...	...	...	...	...	...	...
Karachi ...	29 11	31 10	26 09	36 07	29 03	04 07	28 08	25 11	26 28	26 32	26 36	25 27	28 15	...	...	...	...	...
Peshawar ...	...	36 04	36 04	01 03	32 04	31 07	31 11	32 04	18 12	21 39	23 87	24 70	23 87	...	...	...	...	...
Quetta ...																		

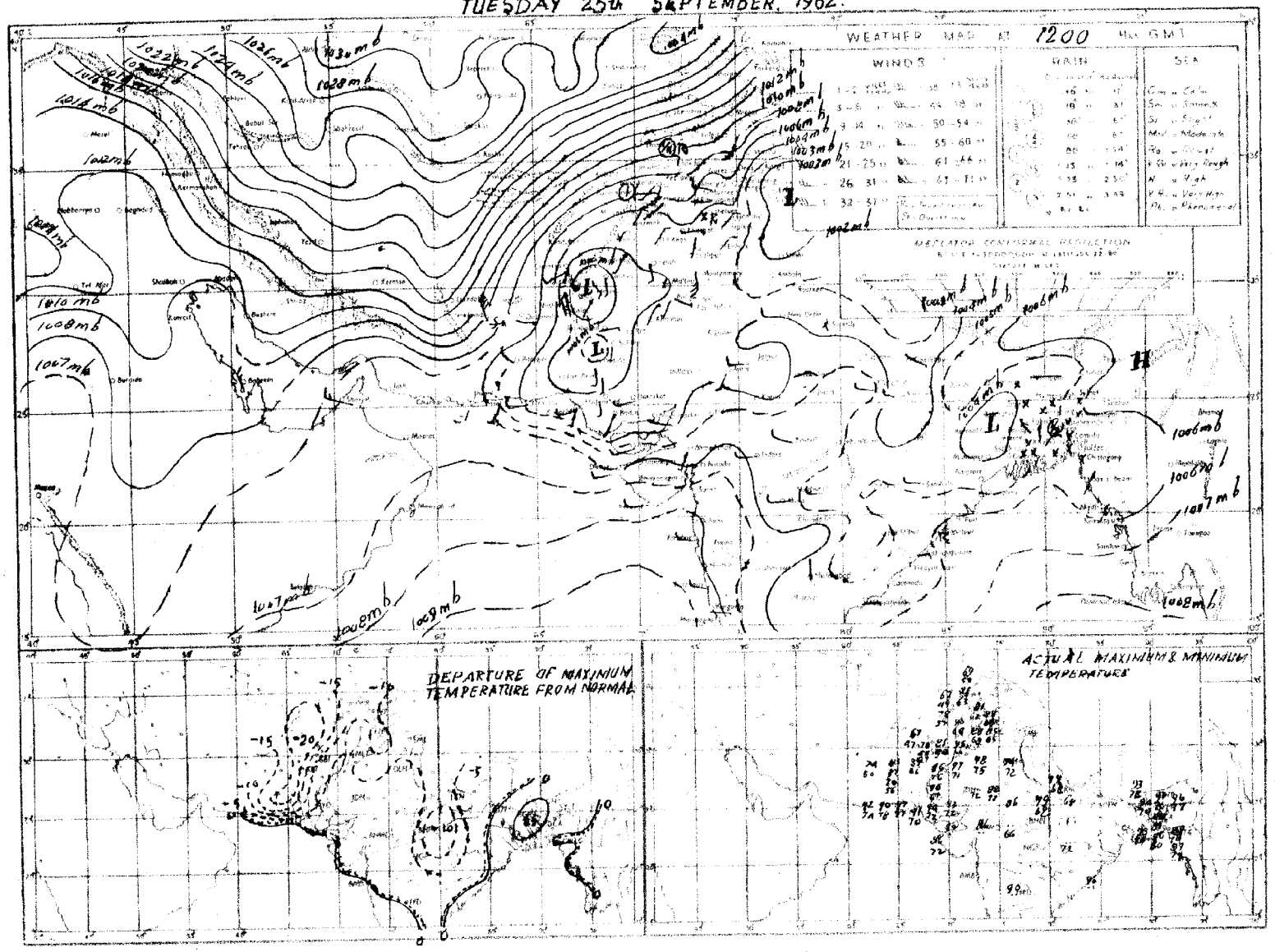
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd VrVr etc.)

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

PAKISTAN DAILY WEATHER MAP

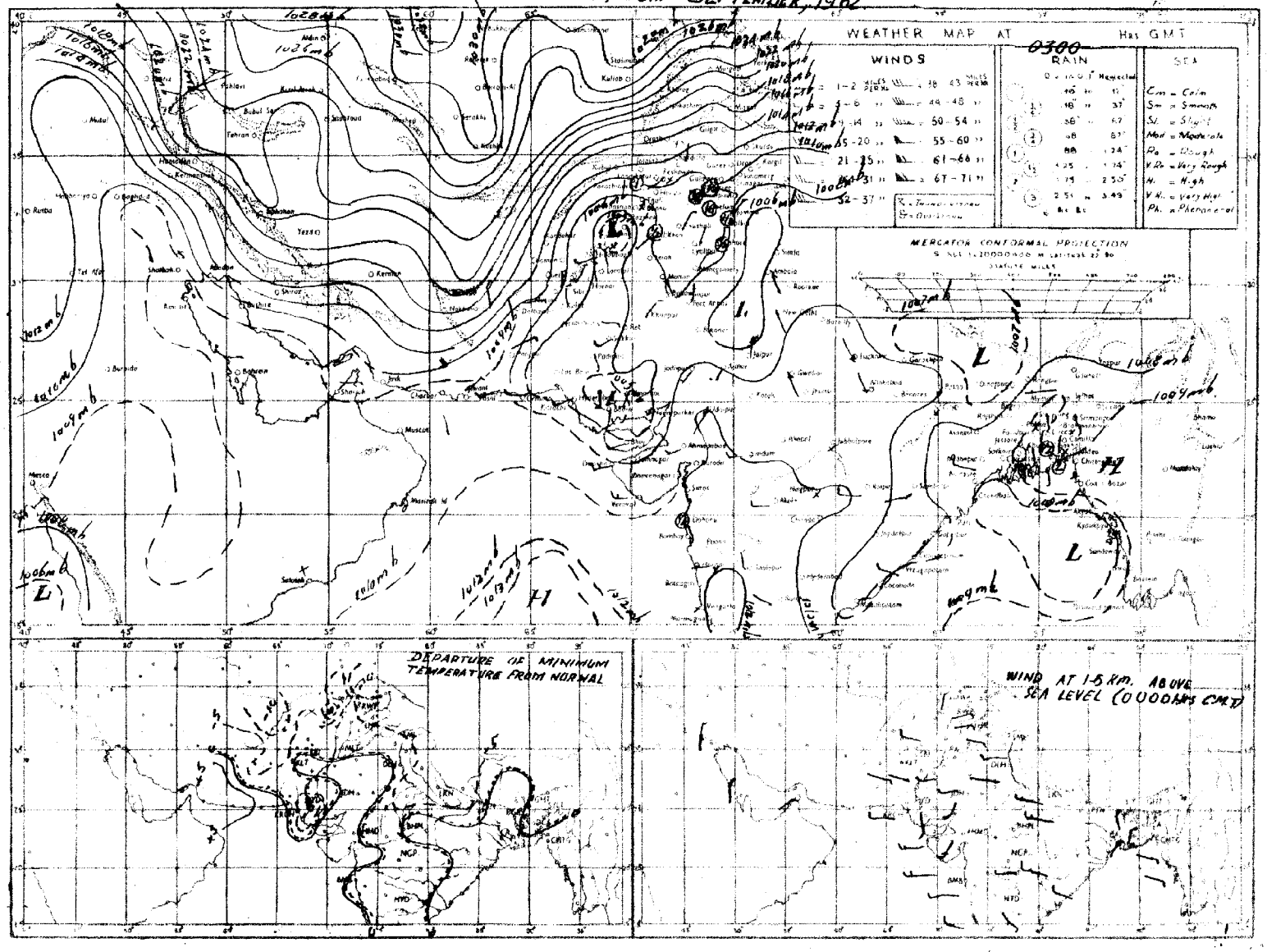
TUESDAY 25th SEPTEMBER, 1962.



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

PAKISTAN DAILY WEATHER MAP

WEDNESDAY, 26th SEPTEMBER, 1962



Rainfall amounts indicate in the above chart refer to only 24 hours

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[illegible] DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

THURSDAY THE 27th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance over Quetta division is moving away eastwards across east Kashmir. Another lies over Quetta division.

Rain/thundershowers have been widespread in Lahore division, local in Peshawar division and scattered in Multan, Rawalpindi and Quetta divisions. Isolated light rain has also been reported from Sargodha division.

The easterly low pressure area now lies over central Bay of Bengal. It has caused local rain/thundershowers in Chittagong division and scattered rain in Rajshahi division.

Chief amounts of rainfall are:—Rangamati 5"; Cox's Bazar and Chittagong 2" each; Brahmanbaria 1"; Sirajganj 1/2", and Campbellpur and Parachinar 1/4" each.

Night temperatures were 9—12 °F (5—7 °C) below normal in Quetta division and northern districts of Peshawar and Rawalpindi divisions and 3—7 °F (2—4 °C) so elsewhere over West Pakistan.

Forecast valid until the evening of 28th September, 1962:—Thunderstorm/showers will be fairly widespread in Rawalpindi division and Kashmir, local in Chittagong, Peshawar, D. I. Khan, Sargodha and Lahore divisions and scattered elsewhere over the country outside Kalat and Karachi divisions.

Karachi-11
The 27th September, 1962.

M. AZHAR ADIL
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	Rangamati	013	2	7	34	02	[illegible]	03	9	047	28	5	8	6	2	0	28	xx
	† Cox's Bazar	000	0	7	27	09	97	02	2	094	83	5	9	5	4	0	76	87
	Chittagong	044	4	7	27	03	96	02	6	041	80	3	4	6	3	0	72	87
	Maijdee Court	005	9	6	00	00	96	03	6	052	84	6	2	6	0	0	78	86
	Comilla	000	0	8	00	00	96	02	1	029	86	3	4	7	0	0	78	89
	Brahmanbaria	000	0	6	27	02	97	03	1	050	85	0	0	9	0	4	78	90
	Sylhet	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Srimangal	000	0	0	00	00	96	00	0	055	83	0	0	0	0	0	79	92
Dacca	Mymensingh	000	0	6	27	02	98	02	1	054	86	2	2	4	0	8	77	90
	Narayanganj	000	9	6	00	00	96	03	1	050	85	3	4	3	3	8	78	xx
	Dacca (Tezgaon)	000	0	6	00	00	92	03	2	045	84	2	9	5	5	7	78	88
	Faridpur	000	0	4	16	02	96	02	2	046	87	2	3	6	1	0	79	89
Khulna	Barisal	000	0	6	18	02	97	02	2	054	85	4	0	9	4	2	75	87
	Khulna	000	0	5	00	00	97	01	2	051	85	5	5	6	0	0	79	89
	Satkhira	000	0	6	00	00	97	03	2	072	84	4	4	6	3	0	81	91
	Jessore	000	0	5	00	03	96	03	2	059	87	5	5	5	0	0	80	89
Rajshahi	Pabna	000	0	5	00	00	97	03	1	047	84	3	2	7	0	2	78	91
	Sirajganj	[illegible]	[illegible]	[illegible]	[illegible]	00	97	03	6	050	84	4	1	5	4	0	75	93
	Bogra	005	4	5	00	00	96	01	6	049	82	3	5	5	1	0	76	93
	Dinajpur	000	1	3	00	00	96	02	0	037	88	5	0	9	2	0	80	94
	Rangpur	000	0	6	13	02	96	03	1	046	80	5	0	9	2	0	77	93
Kashmir	Jammu																	
Lahore	Lahore (Jail Rd.)	007	8	7	05	03	96	03	9	084	72	5	3	6	2	0	66	84
	Sialkot	010	4	8	13	03	97	02	6	075	70	8	5	6	x	x	76	70
Rawalpindi	Jhelum	000	2	7	00	00	97	01	5	081	73	3	3	6	1	0	61	86
	Rawalpindi	000	0	6	03	02	98	03	2	084	75	6	3	6	0	0	60	76
	Campbellpur	000	0	4	13	03	98	00	0	082	86	4	0	9	0	0	74	90
Sargodha	Khushab	000	0	6	09	07	97	02	2	078	77	6	0	9	6	0	64	77
	Lyallpur	002	3	6	36	02	96	02	6	084	73	6	7	8	0	0	65	73
Multan	Montgomery	004	0	7	36	02	96	02	5	076	72	7	0	9	4	0	66	75
	Multan	000	0	4	00	00	98	01	1	070	82	2	5	6	3	0	59	83
	Leiah	000	0	0	00	00	97	00	6	004	94	0	0	9	0	0	66	99
Bahawalpur	Khanpur	000	0	5	05	12	95	07	1	060	81	3	6	6	3	0	64	78
	Bahawalpur	000	0	5	13	02	96	00	0	076	81	1	2	8	1	0	69	82
	Fort Abbas	000	0	0	05	02	98	00	0	060	81	0	0	9	0	0	72	82
Peshawar	Chakdara	000	0	0	18	02	97	00	0	057	74	0	0	9	0	0	58	77
	Peshawar	000	0	3	09	02	97	02	0	080	79	1	3	6	3	0	48	80
	Haripur	000	8	8	31	02	95	03	1	098	71	8	0	9	7	0	52	73
D. I. Khan	Bannu	000	4	2	25	03	99	03	0	076	77	0	0	9	2	0	71	84
	D. I. Khan	000	0	3	00	00	98	00	0	074	79	3	0	9	0	3	61	84
Quetta	Sibi	000	0	0	18	02	96	05	0	041	93	0	0	9	0	0	63	96
Kalat	Nokkundi	000	9	0	34	25	95	07	3	112	74	0	0	9	0	0	18	75
	Turbat	000	0	0	05	05	92	07	0	053	89	0	0	9	0	0	35	92
	Jiwani																	
	Pasni	000	8	4	25	08	95	02	1	999	88	0	0	9	4	4	78	87
Karachi Division	Ormara	000	9	0	27	09	92	05	4	045	82	0	0	9	0	0	50	88
	Lasbela	000	0	3	26	12	97	03	0	963	00	4	0	9	3	0	90	09
	Karachi (Manora)	000	0	0	27	12	93	06	4	038	83	0	0	9	0	0	51	86
	Karachi (Airport)	000	0	0	23	07	94	06	4	047	84	9	x	0	x	x	40	88
Hyderabad	Nagarparkar	000	0	4	18	03	96	00	0	030	88	0	0	7	4	0	63	96
	Umerkot	000	0	8	23	04	97	02	0	041	88	8	5	7	0	0	78	91
	Hyderabad	000	0	8	20	10	94	05	0	048	85	0	0	9	0	7	53	89
	Badin	000	0	8	23	02	96	05	0	062	86	8	0	9	0	0	56	90
Khairpur	Padidan	000	0	0	05	03	97	02	0	030	92	0	0	9	0	0	48	92
	Nawabshah	000	0	0	09	03	95	05	0	045	90	0	0	9	0	0	55	94
	Sukkur	000	0	0	33	02	96	02	0	035	90	0	0	9	0	0	56	91
	Kashmore	000	8	0	05	14	95	09	3	002	90	0	0	9	0	0	59	90
	Jacobabad	000	0	0	09	07	96	02	0	047	88	0	0	9	0	0	72	90
Junagadh	Veraval	xxx	x	3	27	06	96	01	0	474	84	2	2	5	0	1	72	xx
Afghanistan	Jalalabad																	
Arabia	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	8	00	00	96	01	6	504	50	6	7	2	2	0	xx	xx
	Gulmarg **																	
	Sonamarg **																	
	Dras **																	
	Leh **																	
	Skardu *																	
	Misgar **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Aliabad *																	
	Gilgit *	000	0	8	00	00	96	02	3	522	59	8	7	6	x	x	48	63
Rawalpindi	Murree *	004	7	7	09	13	97	02	6	483	50	7	5	4	0	0	38	56
Peshawar	Drosh *	000	0	8	00	00	97	03	2	490	61	8	5	6	x	x	47	65
	Cherat *	000	0	3	10	03	98	01	0	xxx	68	3	0	9	3	0	48	69
	Kakul *	013	2	7	05	19	97	60	9	480	58	7	9	6	0	0	52	66
	Landikotal *	000	0	2	00	00	97	03	0	470	72	2	0	9	7	0	35	72
	Parachinar *	029	5	8	00	00	97	20	6	535	50	8	7	7	0	0	41	61
D. I. Khan	Miranshah *	000	0	6	05	05	98	03	2	463	66	4	4	8	0	0	61	75
	Wana *	000	0	4	00	00	99	01	1	513	68	4	1	9	0	0	58	73
Quetta	Fort Sandeman *	000	0	0	00	00	96	05	4	462	74	0	0	8	0	0	21	77
	Hindubagh *	000	0	0	25	19	95	00	0	422	66	0	0	9	0	0	40	71
	Loralai *	000	8	8	16	05	97	02	2	423	73	0	4	7	2	1	48	76
	Harnai *	000	0	0	13	05	97	05	0	448	82	0	0	9	0	0	31	84
	Quetta *	000	0	0	31	02	96	00	0	489	62	0	0	9	0	0	50	70
	Chaman *	000	0	0	23	07	96	06	4	557	65	0	0	x	0	0	07	66
	Nushki *	000	9	0	31	13	96	05	4	517	68	0	0	9	0	0	38	69
	Dalbandin *	000	8	9	13	03	91	05	4	495	71	9	x	0	x	x	09	73
Kalat	Kalat *	000	0	0	34	05	94	00	0	477	60	0	0	9	0	0	48	65
	Panjgur *	000	9	9	31	14	90	05	4	478	67	9	x	0	x	x	36	69
Afghanistan	Kabul *																	
	Kandhar *																	

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 1962 to date	Departure from normal	Since 1st January, 1962 to date	Annual Normal
		RRR	Wt	N	dd	ff	VV	ww	W	PPP	TT	Nh	CL	h	CM	CH	TdTd	TnT	TxTx	TnTn				
1	2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Chittagong	Rangamati	462	7	7	27	02	98	21	9	034	76	3	7	5	7	x	77	74	—	—				
	† Cox's Bazar	211	9	7	00	00	97	02	6	083	79	2	4	5	7	x	75	75	0	0	102.0	— 6.3	112.8	145
	Chittagong	207	2	8	00	00	97	02	9	078	78	8	6	5	x	x	77	76	—0	0	74.1	— 2.5	87.6	108
	Maijdee Court	085	9	6	36	02	96	03	2	086	84	4	5	2	x	x	80	75	— 1	— 2	78.6	— 4.9	98.3	101
	Comilla	000	0	8	00	00	97	02	2	064	85	8	4	5	x	x	79	77	+ 1	+ 1	49.1	—13.3	62.3	94
	Brahmanbaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					78
	Sylhet	005	8	7	00	00	96	28	4	028	83	7	4	5	0	0	79	77	—	—	92.8	—	119.9	—
	Srimangal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	+ 1					98
Dacca	Mymensingh	000	0	6	11	02	97	01	2	096	82	0	0	9	0	8	76	78	+ 3	+ 1	51.6	+10.5	67.6	91
	Narayanganj	000	9	7	00	00	97	02	2	087	83	3	5	3	3	8	77	80	×	+ 2	48.7	+ 1.0	65.9	74
	Dacca (Tezgaon)	000	0	7	30	02	97	02	2	083	83	4	0	9	3	1	77	78	—	—	57.4	—	62.3	—
	Faridpur	000	0	6	34	02	97	02	2	096	85	4	4	6	1	0	81	79	+ 2	+ 1	38.4	— 7.8	51.9	71
Khulna	Barisal	000	0	6	27	02	97	02	2	090	83	6	0	9	4	0	79	83	— 1	+ 2	47.7	— 8.0	61.5	81
	Khulna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+ 1					68
	Satkhira	000	0	4	00	00	97	03	2	103	85	1	1	8	3	0	76	78	+ 4	+ 2	48.1	+ 2.7	54.3	65
	Jessore	000	0	3	05	03	97	01	0	092	83	0	0	9	0	2	77	77	—	—	39.4	— 4.0	49.7	65
Rajshahi	Pabna	000	0	3	31	05	99	03	1	093	85	0	0	9	0	2	76	79	—	—	39.7	—	58.1	59
	Sirajganj	041	x	8	00	00	97	02	2	091	85	7	0	9	2	2	76	77	+ 2	0	38.9	— 5.5	51.9	64
	Bogra	005	0	3	31	02	96	02	0	091	85	0	0	9	0	1	76	75	+ 2	— 2	37.5	—11.7	51.3	69
	Dinajpur	000	9	0	00	00	96	00	0	077	85	0	0	9	0	0	75	73	+ 6	— 4	—	—	—	72
	Rangpur	000	0	1	27	02	96	01	0	088	83	1	0	6	1	0	77	75	+ 5	— 1	44.5	—16.1	66.7	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	009	9	0	00	00	96	02	6	112	71	0	0	9	0	0	65	65	— 24	— 3	13.6	— 0.8	20.0	19
	Sialkot	010	0	0	00	00	98	00	0	105	70	0	0	9	0	0	61	63	— 25	— 7	28.0	+ 4.7	31.5	32
Rawalpindi	Jhelum	000	8	2	31	02	97	02	1	114	69	1	1	7	3	0	63	63	—	—	21.9	—	28.0	—
	Rawalpindi	000	0	7	00	00	97	03	2	124	65	2	5	6	3	0	58	61	— 17	— 4	26.9	+ 3.6	33.5	36
	Campbellpur	029	9	6	07	02	98	00	0	135	66	0	0	9	3	2	59	62	—	—	11.8		20.1	—
Sargodha	Khushab	000	0	0	00	00	98	03	0	115	67	4	0	5	4	0	66	67	— 21	— 4	2.9	— 7.3	7.8	15
	Lyallpur	002	8	4	00	00	96	01	2	120	68	0	0	9	0	3	65	66	— 25	— 4	6.0	— 3.1	9.8	12
Multan	Montgomery	000	0	1	05	02	96	01	2	112	71	1	4	7	0	0	63	67	— 24	— 5	8.8	+ 1.5	11.9	10
	Multan	000	0	3	00	00	97	02	0	108	74	2	5	6	3	0	63	68	— 15	— 5	—	—	—	7
	Leiah	010	5	6	00	00	96	13	2	084	75	4	9	8	2	0	68	68	—	—	—	—	—	8
Bahawalpur	Khanpur	000	0	0	05	02	95	05	4	101	73	0	0	9	0	0	67	67	— 13	— 5	6.2	+ 1.4	7.2	6
	Bahawalpur	000	0	2	13	02	97	00	0	108	72	2	0	9	0	0	63	68	— 17	— 2	2.9	— 1.3	3.6	6
	Fort Abbas	000	0	0	36	02	98	00	0	114	72	0	0	9	0	0	68	67	—		0.6	—	0.9	8
Peshawar	Chakdara	000	0	0	36	02	97	00	0	109	60	0	0	9	0	0	57	59	—	—	7.3	—	16.6	—
	Peshawar	000	0	4	00	00	97	03	0	117	68	3	5	6	3	0	54	63	— 13	— 4	2.3	— 2.0	8.9	11
	Haripur	000	4	7	05	02	96	03	2	116	63	7	0	9	7	0	55	57	—	—	20.6	—	27.3	—
D. I. Khan	Bannu	000	2	2	05	02	99	03	0	114	65	0	0	9	0	0	53	62	—	—	2.5	—	5.5	11
	D. I. Khan	000	2	7	00	00	98	03	1	109	71	7	7	8	0	0	65	67	— 15	— 4	2.0	— 3.4	4.9	9
Quetta	Sibi	000	9	8	00	00	97	05	1	111	71	4	2	9	4	2	63	64	—	—	4.0	—	5.1	5
Kalat	Nokkundi	000	0	0	34	19	96	07	0	154	58	0	0	9	0	0	23	54	—	—	0	—	0.1	2
	Turbat	000	0	0	09	03	95	07	0	112	77	0	0	9	0	0	31	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	0	36	03	94	05	0	110	76	0	0	9	0	0	75	67	—	—	1.2	—	1.9	5
	Pasni	000	3	0	23	06	97	05	1	089	80	0	0	9	0	0	77	xx	— 4	×	0	— 0.9	0.2	6
Karachi Division	Ormara	000	9	0	13	03	92	05	4	098	79	0	0	9	0	0	39	78	—	—	0.1	— 0.7	2.0	6
	Lasbela	000	0	4	23	02	98	04	0	944	96	4	0	9	4	0	79	71	—	—	—			8
	Karachi (Manora)	000	0	9	00	00	93	06	4	092	77	9	x	0	x	x	42	74	0	— 2	9.1	+ 3.1	9.1	8
	Karachi (Airport)	000	0	9	00	00	92	06	4	097	76	9	x	0	x	x	62	75	—	—	10.7	—	10.7	—
Hyderabad	Nagarparkar	000	0	0	00	00	97	00	0	004	80	0	0	x	0	0	74	xx	—	—	10.6	—	10.6	—
	Umerkot	000	0	8	20	02	95	02	0	069	74	8	5	7	0	0	68	70	—	—	7.8	—	8.0	—
	Hyderabad	000	0	7	00	00	94	05	2	094	73	0	0	9	0	7	61	72	— 10	— 3	15.6	+ 9.6	16.2	7
	Badin	000	0	8	00	00	96	05	0	107	73	8	0	9	0	0	63	71	— 6	— 3	6.5	— 0.7	7.2	9
Khairpur	Padidan	000	0	0	13	02	96	05	0	099	74	0	0	9	0	0	56	70	—	—	2.8	—	3.4	—
	Nawabshah	000	0	0	31	02	94	05	0	110	71	0	0	9	0	0	61	68	—	—	2.8	—	3.2	—
	Sukkur	000	0	0	02	03	96	02	0	097	74	0	0	9	0	0	74	72	—	—	2.5	—	2.5	4
	Kashmore	000	0	0	00	00	99	00	0	014	84	0	0	9	0	0	67	56	—	—	0.5	—	0.5	—
	Jacobabad	000	0	0	05	02	96	02	0	106	74	0	0	9	0	0	68	71	— 11	— 2	2.0	— 0.3	2.9	4
Junagadh	Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *	xxx	x	8	00	00	95	21	6	521	50	8	7	5	x	x	48	46	—					26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **	004	8	8	05	03	78	03	7	093	37	3	4	8	6	0	28	90		—	—	—	—	—
	Aliabad *																							—
	Gilgit *	006	3	8	00	00	96	63	6	523	53	8	7	6	x	x	51	51	—	—	—	—	—	5
Rawalpindi	Murree *	004	9	6	13	05	97	02	1	501	51	6	1	4	0	0	43	44	— 14	— 9	31.6	— 3.7	49.6	59
Peshawar	Drosh *	005	9	7	00	00	97	03	5	512	50	5	5	6	5	0	46	48	— 19	— 12	—	—	—	18
	Cherat *	025	9	5	34	12	97	01	9	xxx	53	3	4	7	3	0	41	52	— 14	— 11	—	—	—	29
	Kakul *	013	9	6	27	03	97	01	2	499	60	5	4	6	0	2	51	53	—	—	29.6	—	35.2	—
	Landikotal *	000	0	1	00	00	96	03	0	457	64	0	0	9	0	4	45	51	—	—	4.3	—	20.4	—
	Parachinar *	029	0	4	00	00	98	03	0	520	46	4	1	8	0	0	39	46	— 17	— 9	13.9	—	27.4	29
D. I. Khan	Miranshah *	000	0	6	00	00	98	03	2	474	59	6	4	8	0	0	52	58	—	—	—	—	—	13
	Wana *	000	0	7	00	00	99	00	1	509	57	0	0	9	6	0	50	53	—	—	4.9	—	13.2	11
Quetta	Fort Sandeman *	001	0	6	02	01	98	03	6	505	60	4	5	7	3	0	58	58	— 13	— 3	5.5	+ 0.5	10.3	11
	Hindubagh *	000	0	0	23	03	96	00	0	462	48	0	0	9	0	0	27	45	—	—	0.8	—	4.6	—
	Loralai *	000	0	7	29	03	98	02	2	377	58	0	4	8	2	1	37	50	—	—	1.1	—	4.6	9
	Harnai *	000	0	0	31	05	97	05	0	474	57	0	0	9	0	0	25	65	—	—	5.7	— 1.7	8.8	14
	Quetta *	000	0	0	31	02	96	00	0	497	54	0	0	9	0	0	35	37	—	—	0.1	— 0.9	4.3	9
	Chaman *	000	0	0	13	05	97	00	0	485	53	0	0	9	0	0	11	47	— 21	— 12	0	— 0.2	1.3	8
	Nushki *	000	9	0	09	13	96	05	4	528	59	0	0	9	0	0	38	53	—	—	0	—	0.2	—
	Dalbandin *	000	9	9	29	03	92	05	4	498	59	9	x	0	6	6	10	56	— 24	— 2	0	— 0.2	1.2	4
Kalat	Kalat *	000	0	0	18	03	96	00	0	499	41	0	0	9	0	0	37	31	— 15	— 13	0.2	— 1.0	2.2	7
	Panjgur *	000	9	9	05	05	91	05	4	510	56	9	x	0	x	x	30	53	— 25	— 8	0.3	—	1.3	5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.
* These stations reportf or PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

THURSDAY THE 27th SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN (1)	YQ $L_aL_aL_a$ (2)	$L_oL_oL_o$ GG (3)	N dd ff (4)	VV ww W (5)	PPP TT (6)	$N_hC_LhC_MC_H$ (7)	D_sV_s aPP (8)	8N_sChshs (9)	0$T_sT_dT_dT_d$ (10)	$I_{dw}d_wP_wH_w$ (11)
ARABIAN SEA										
British Comage	43 197	586 00	2 31 10	98 0 30	xxx 76	46 x xx		...		
Devon	43 089	841 00	8 20 18	98 5 29	083 78	00 9 00	36 7 12	...	00 0 77	12 0 xx
British Comage	43 212	595 06	7 25 09	97 0 2	xxx 80	26 x xx		...		
Utrecht	43 098	800 06	8 24 13	98 0 31	112 65	47 4 1x	46 7 03	...	00 2 77	12 4 29
Islamnar	43 168	836 06	3 26 09	97 0 21	193 83	36 0 08	43 1 48	...	08 3 08	26 3 46
Bengalen	43 066	790 06	6 24 17	98 2 52	122 82	28 4 00	76 8 06	...	[illegible]	12 4 23
Bengalen	43 066	578 06	6 24 17	98 2 52	122 82	29 4 09	75 0 08	...	00 0 74	12 4 23
Edjele	43 263	563 06	0 07 12	96 0 28	116 88	00 9 00	26 2 20	...	08 2 76	10 7 21
Edjele	43 261	568 12	0 18 13	95 0 60	100 90	00 9 00	36 7 10	...	00 0 67	11 8 11
Caltex Zwanardam	43 250	578 42	0 18 05	98 0 20	097 00	00 9 00	xx x xx	...	00 1 52	
Safina-e-Hrjjaj	43 059	897 12	8 23 05	98 0 38	078 27	61 3 22	23 2 02	...	05 2 77	12 3 00
Socotra	43 216	670 18	1 27 13	98 0 20	094 61	15 9 00	55 4 02	...	05 4 72	12 7 22
Jopara	43 119	525 18	0 20 09	98 0 20	094 77	00 9 00	64 2 14	...	00 1 74	18 0 22
Udenmaru	43 234	605 18	1 31 05	96 3 33	090 81	1x x 00	75 2 10	...	05 2 65	13 1 21
Saomarme	43 248	579 18	0 32 10	98 0 20	068 84	00 9 00	75 2 10	...	00 0 77	13 2 21
Lalykerk	43 197	586 18	0 21 05	98 0 20	094 79	00 9 00	36 2 26	...	00 6 70	12 1 21
Solatga	43 200	591 18	0 18 05	98 0 20	021 79	00 9 00	15 2 14	...	00 1 76	1x x xx
alammar	43 165	618 18	0 24 09	97 0 21	101 81	00 0 00	64 2 09	...	05 2 74	12 2 34

UPPER AIR DATA

At surface and Standard Isobaric Levels

STATION (1)	Time of ascent in G.M.T. (2)	Surface PPP $TTT_dT_dT_d$ (3)	1000mb (4)	900mb (5)	850mb (6)	800mb (7)	700mb (8)	600mb (9)	500mb (10)	400mb (11)	300mb (12)	200mb (13)	150mb (14)	100mb (15)
			HHHTTT$T_dT_dT_d$								HHHTTT			
Bogra ...														
Chittagong ...														
Dacca ...	00 00	052 262 225	...	...	140 168 102	...	310 092 502	437 032 548	583 538 608	...	...	...	...	...
Jiwani ...														
Karachi ...	00 00	100 242 158	032 010 990	...	140 155 945	...	303 022 992	426 512 995	570 858 998	739 708 992	946 838	...	...	...
Lahore ...	00 00	MISDA	...		...	...	...	...	...	...	...	...	...	...
Multan ...														
Peshawar ...	00 00	968 192 122	...	...	140 148 995	...	309 065 995	433 502 995	577 578 995	748 675 998	938 790	241 910	...	...
Quetta ...		...	...	...	...	...	...	...	...	...	...	...	...	...

At Significant Levels

STATION (16)	Time of ascent in G.M.T. (17)	PPPTTT$T_dT_dT_d$ (18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	Max. Height Reached PPPTTT$T_dT_dT_d$ (27)	TROPOPAUSE st. HHHHTT (28)	st. HHHHTT (29)
Bogra ...													
Chittagong ...													
Dacca ...	00 00	005 265 252	900 212 145	800 175 078	350 668 782	...	...	...	...	...	350 668 782	...	...
Jiwani ...													
Karachi ...	00 00	900 200 xxx	800 110 xxx	350 760 xxx	...	...	...	...	...	...	350 760 xxx	...	...
Lahore ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan ...													
Peshawar ...	00 00	900 170 xxx	800 130 xxx	350 750 xxx	250 840 xxx	...	...	...	...	...	250 840 xxx	...	...
Quetta ...													

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

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

UPPER WIND DATA*

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

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	28 07	29 13	30 13	38 10	...	...	...	...	...
Chaklala ...	...	11 15	09 14	09 13	10 11	13 04	26 17	22 31	...
Chitor ...	21 23	21 15	21 17	...	...	...	...	...	...
Chittagong ...	29 09	29 10	32 09	29 04	06 07	10 09	10 06	19 04	21 02
Cox's Bazar ...	25 12	26 10	29 08	...	...	...	...	...	...
Dacca ...	...	...	...	...	...	...	...	...	...
Dalbandin ...	...	...	09 02	05 09	...	...	...	...	...
D.I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	24 03	27 04	...	...	...
Fort Sandeman ...	...	...	...	31 01	26 03	26 07	...	...	...
Jacobabad ...	11 11	09 15	08 13	77 04	19 05	...	...	...	...
Jessore ...	02 02	01 03	32 05	...	...	...	...	...	...
Jhelum ...	00 08	07 11	07 12	07 10	06 07	28 08	...	...	...
Jiwani ...	28 09	36 05	...	...	...	...	...	...	...
Karachi ...	24 10	...	...	...	...	...	...	...	...
Khanpur ...	03 15	05 12	07 12	09 09	...	...	...	...	...
Lahore ...	36 09	35 15	35 18	36 11	02 11	...	...	...	...
Multan ...	13 03	11 01	18 01	28 04	28 12	22 12	23 19	20 29	22 25
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	No	Ascent	...	...	...	...	...	...	...
Peshawar ...	—	10 07	11 05	18 02	09 02	01 05	18 02	24 15	23 23
Quetta ...	...	...	...	...	31 03	...	...	...	...
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	25 07	25 05	36 05	29 08	31 06	...	...	...	...
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 ...	32 11	33 09	33 05	29 09	31 11	31 05
Chaklala ...	...	11 06	12 15	12 06	17 01	21 04
Chitor ...	22 11	...	...	...	...	...
Chittagong ...	No	Ascent	...	...	...	...
Cox's Bazar ...	01 14	36 00	02 09	02 07	...	...
Dacca ...	36 07	01 07	35 05	35 04	36 04	01 03
Dalbandin ...	...	...	23 03	18 03	31 05	30 05
D.I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	24 01	26 02	32 04
Fort Sandeman ...	...	...	...	07 06	08 03	22 05
Jacobabad ...	09 20	10 13	11 09	19 02	16 02	29 03
Jessore ...	01 09	01 11	01 12	36 06	02 05	01 04
Jhelum ...	06 03	11 09	13 06	13 05	17 03	21 09
Jiwani ...	06 14	04 21	03 20	...	...	...
Karachi ...	...	...	...	...	...	...
Khanpur ...	06 17	06 13	05 11	08 09	14 07	...
Lahore ...	36 05	05 07	05 08	09 09	08 04	29 02
Multan ...	11 04	05 03	02 06	18 02	24 04	28 04
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	...	...	...
Peshawar ...	...	22 04	30 03	36 03	29 07	24 13
Quetta ...	...	...	...	...	26 03	29 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	4.5	5.4	6.0	7.2	
STATION	17	18	19	20	21	22	23	24	25	26	(27)
Bogra ...	32 07	33 08	31 04	30 06	32 06	...	...	—	—	...	
Chaklala ...	...	08 10	10 08	10 07	14 04	14 05	17 19	...	...	...	
Chitor ...	20 09	22 12	...	...	...	...	...	...	...	...	
Chittagong ...	04 02	35 07	36 10	01 00	01 07	36 09	04 09	32 11	...	...	
Cox's Bazar ...	34 01	25 05	32 03	33 02	11 02	...	...	...	...	...	
Dacca ...	29 08	30 08	33 06	33 06	34 06	01 04	02 04	12 05	10 03	06 03	
Dalbandin ...	...	...	27 04	31 36	...	...	...	...	...	...	
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	
Drosh ...	...	...	...	...	28 01	19 03	...	...	...	...	
Fort Sandeman ...	...	...	...	09 02	00 00	19 07	...	...	...	...	
Jacobabad ...	09 12	09 15	09 06	09 04	29 02	20 06	31 17	31 22	31 24	...	
Jessore ...	36 04	01 07	36 07	36 08	01 07	03 07	...	...	...	...	
Jhelum ...	04 01	03 05	03 06	09 03	14 04	21 11	17 28	19 27	19 31	21 56	25
Jiwani ...	03 07	04 16	06 20	06 21	...	...	...	...	...	...	
Karachi ...	21 03	26 02	03 05	...	...	...	...	...	...	...	
Khanpur ...	15 15	04 12	06 13	08 06	03 03	34 01	16 12	20 08	...	...	
Lahore ...	03 04	03 11	03 10	01 08	21 05	21 09	18 13	14 12	16 13	19 24	20
Multan ...	36 04	02 05	01 03	31 05	34 06	31 10	...	...	...	...	
Muscat ...	...	...	...	...	...	...	...	...	...	...	
Panjgur ...	...	...	...	01 11	04 10	01 13	...	...	...	...	
Peshawar ...	...	01 05	36 07	01 04	14 02	16 07	19 12	17 14	18 21	18 37	18
Quetta ...	...	...	...	...	21 03	17 09	...	...	...	...	
Sharjah ...	...	...	...	...	...	...	...	...	...	...	
Sylhet ...	18 04	22 02	33 02	xx xx	xx xx	06 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	16.2	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 ...	36 04	01 04	35 04	35 02	35 04	02 03	09 01	09 02	17 03		...	—	—	...	...	...	...	...
Karachi ...	23 08	32 06	32 06	06 06	05 09	02 08	29 23	28 25	28 27	09 26	...	...	—	...	...	...	...	...
Peshawar ...		22 07	35 08	33 08	04 04	18 04	20 04	20 11	21 24	21 40	23 48	24 51	...	...	...	...	...	...
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.

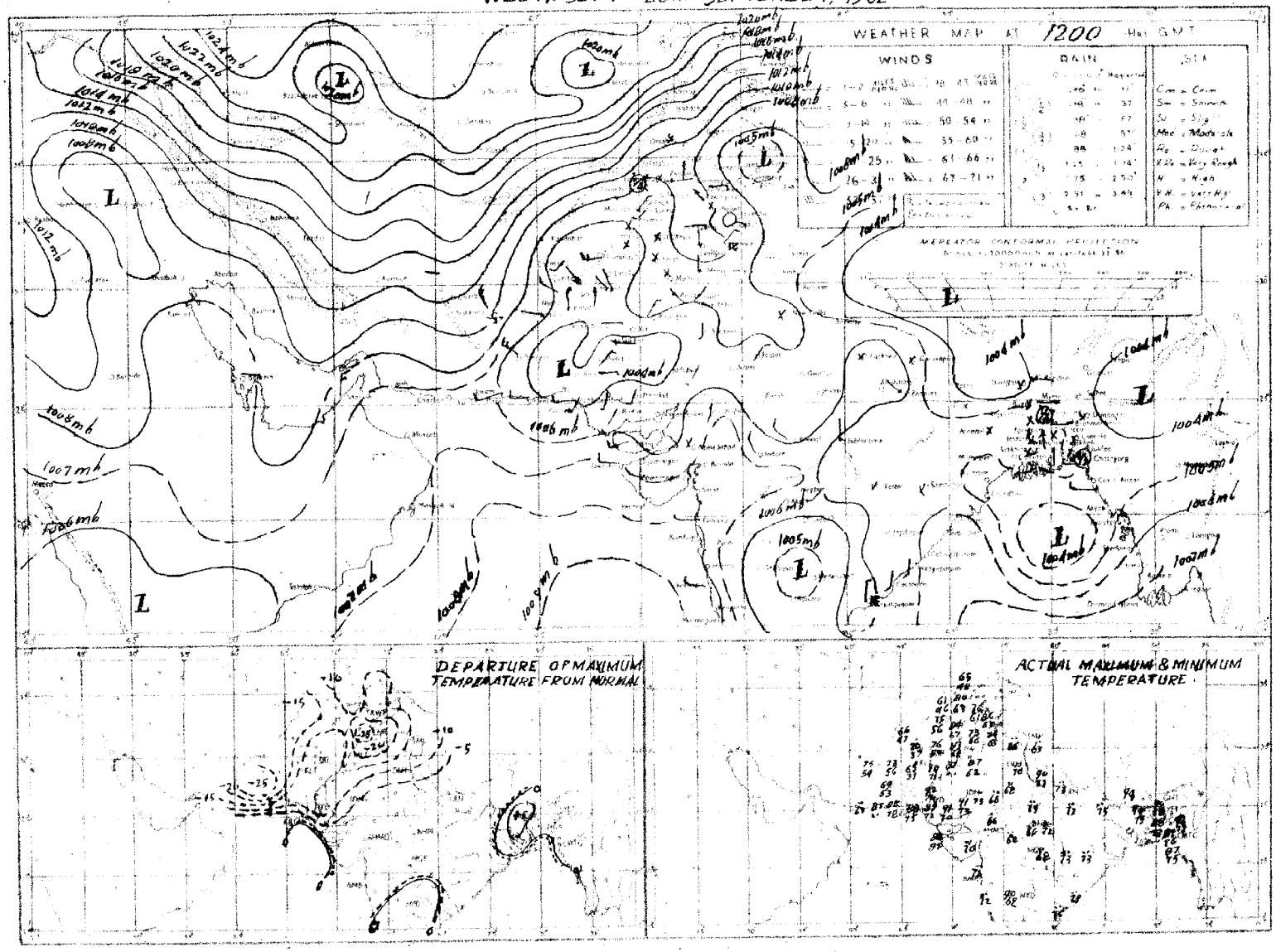
Cloud observation Data (GGiii Cdd VrVr etc.)

06 530 84 812

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

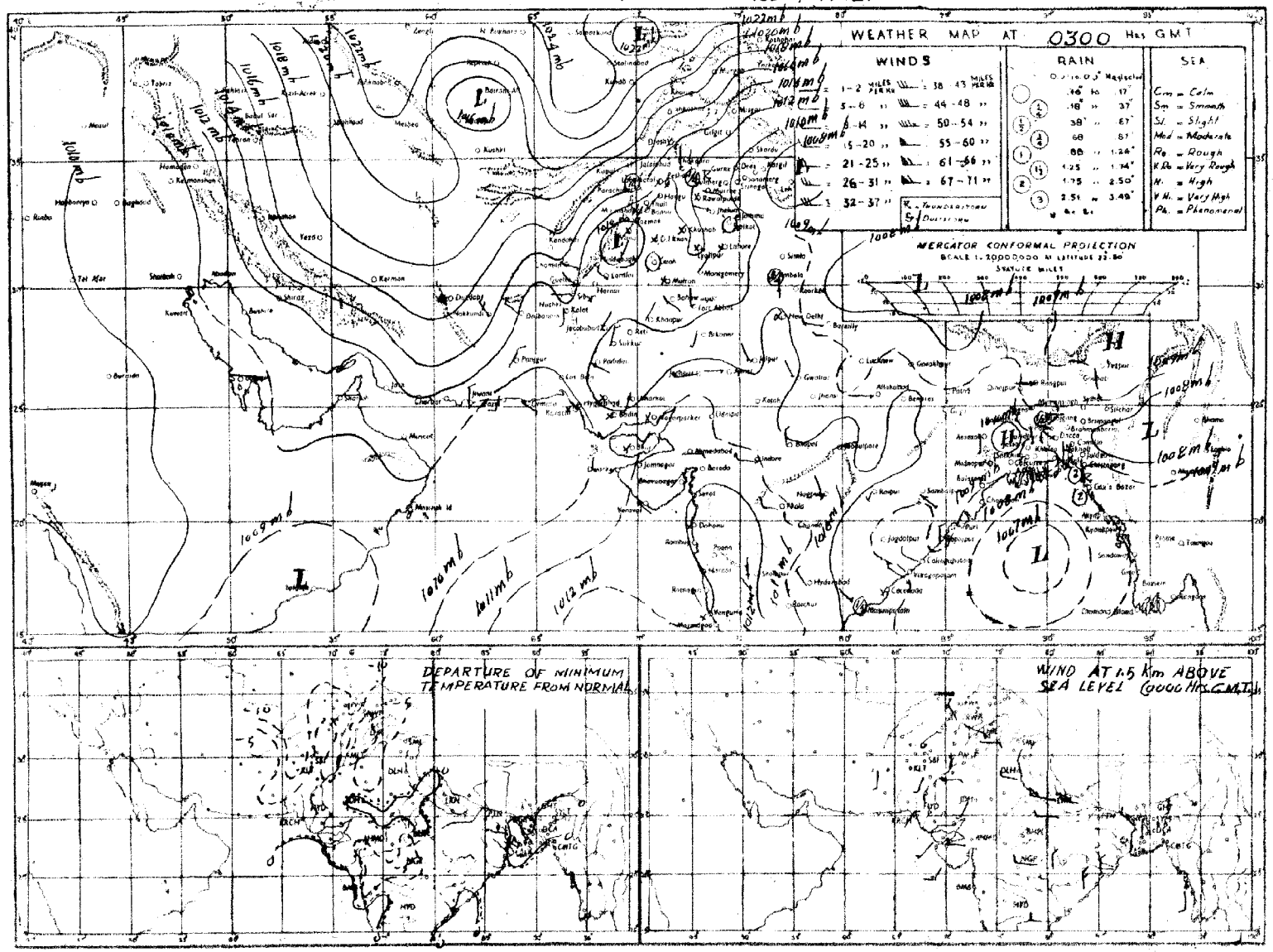
WEDNESDAY 26th SEPTEMBER, 1962



Rainfall amounts in the above chart refer to last 9 hours

PAKISTAN DAILY WEATHER MAP

THURSDAY 27th SEPTEMBER, 1962.



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

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[illegible] DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

FRIDAY, THE 28th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance over Quetta division is moving away across east Kashmir.
Another western disturbance is moving across north of Peshawar division.
These have caused fairly widespread thunderstorm/showers in Multan and Peshawar divisions and scattered in Rawalpindi, Sargodha and Quetta divisions.
The low pressure area over central Bay of Bengal persists. Under its influence scattered rain has fallen in Chittagong division.
Chief amounts of rainfall are:—Kakul and Fort Sandeman 1" each and Rangamati, Leiah, Drosh, Chakdara, Cherat and Landikotal 1/4" each.
Night temperatures were 6—14 °F (3—8 °C) below normal over West Pakistan outside Karachi, Khairpur and Hyderabad divisions and coastal districts of Kalat division.

Forecast valid until the evening of 29th September, 1962:—Local thunderstorm/showers will occur in Chittagong division and scattered in Dacca, Khulna, Peshawar and Rawalpindi divisions and in Kashmir.

Karachi-11
The 28th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati ...																	
	Cox's Bazar ...	000	0	7	31	05	97	02	2	050	84	4	9	5	4	8	78	87
	Chittagong ...	000	0	7	29	03	96	02	2	046	84	6	5	5	1	0	79	89
	Maijdee Court ...	000	9	6	27	02	96	02	2	053	84	3	2	7	2	0	79	89
	Comilla ...	000	0	8	00	00	96	02	0	029	84	8	4	5	x	x	80	90
	Brahmanbaria ...	000	0	5	00	00	97	03	1	049	86	0	0	9	0	5	77	88
	Sylhet ...	000	0	6	27	05	xx	01	2	044	84	2	1	6	2	8	79	91
	Srimangal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Mymensingh ...	000	0	7	27	02	97	00	0	052	86	0	0	9	0	8	83	90
	Narayanganj ...	000	9	6	00	00	96	02	2	049	86	2	5	3	3	8	78	89
	Dacca (Tejgaon) ...	000	0	6	00	00	97	02	2	046	84	0	0	9	0	1	75	89
	Faridpur ...	000	0	4	34	02	96	01	1	048	87	2	4	6	1	0	80	89
Khulna	Barisal ...	000	0	0	00	00	97	02	2	055	85	0	0	9	0	0	79	89
	Khulna ...	000	0	5	00	00	97	02	1	056	86	5	5	6	0	0	77	90
	Satkhira ...	000	0	4	00	00	97	03	2	080	87	2	1	8	2	0	75	91
	Jessore ...	000	0	7	36	02	97	02	2	066	87	4	4	6	6	0	79	89
Rajshahi	Pabna ...	000	0	4	00	00	98	01	2	046	86	0	0	9	0	8	76	91
	Sirajganj ...	000	0	8	00	00	96	02	1	051	85	8	0	9	0	2	xx	91
	Bogra ...	000	0	3	31	02	96	02	2	049	85	3	5	5	1	1	76	90
	Dinajpur ...	000	0	0	00	00	95	00	0	039	87	0	0	9	0	0	77	92
	Rangpur ...	000	0	1	21	02	96	01	0	035	87	1	0	9	1	0	77	91
Kashmir	Jammu ...																	
Lahore	Lahore (Jail Rd.) ...	000	0	0	00	00	96	02	0	087	81	0	0	9	0	0	67	82
	Sialkot ...	000	0	0	00	00	97	00	0	078	84	0	0	9	0	0	65	85
Rawalpindi	Jhelum ...	000	0	0	00	00	98	02	0	xxx	71	0	0	9	0	0	60	75
	Rawalpindi ...	000	0	6	27	03	99	03	1	083	76	6	3	6	0	0	58	81
	Campbellpur ...	000	0	6	05	02	98	02	0	014	85	4	2	8	1	1	73	00
Sargodha	Khushab ...	000	0	5	05	07	98	02	2	094	78	5	3	9	2	0	67	83
	Lyallpur ...	000	0	6	00	00	96	02	3	082	83	6	0	9	4	0	62	84
Multan	Montgomery ...	000	0	0	00	00	96	01	1	083	85	0	0	9	0	0	62	86
	Multan ...	000	0	6	00	00	97	03	1	081	85	2	4	6	3	1	59	87
	Leiah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bahawalpur	Khanpur ...	000	0	3	02	02	95	05	0	074	86	1	2	6	3	0	59	87
	Bahawalpur ...	000	0	2	13	02	98	00	0	076	82	0	1	9	1	0	69	83
	Fort Abbas ...	025	0	4	36	02	98	00	1	101	68	0	0	8	0	2	64	68
Peshawar	Chakdara ...	000	0	6	09	02	97	03	0	081	69	0	0	9	9	0	53	73
	Peshawar ...	002	2	8	25	09	96	97	9	014	70	6	9	6	7	x	50	80
	Haripur ...	000	3	4	31	02	97	03	2	087	77	4	1	6	0	0	58	78
D. I. Khan	Bannu ...	000	1	8	31	04	99	20	5	102	72	8	2	8	0	0	46	81
	D. I. Khan ...	000	0	4	09	02	98	00	0	105	xx	0	0	9	0	1	63	83
Quetta	Sibi ...	000	0	8	18	02	97	05	1	079	87	2	3	9	4	1	57	89
Kalat	Nokkundi ...	000	0	0	34	13	97	02	0	109	76	0	0	9	0	0	19	77
	Turbat ...	000	0	0	09	04	97	00	0	087	92	0	0	9	0	0	41	94
	Jiwani ...	000	0	0	18	07	94	05	0	091	85	0	0	9	0	0	49	89
	Pasni ...	000	0	6	23	06	96	02	1	989	82	0	0	9	4	3	77	89
Karachi Division	Ormara ...	000	9	0	27	10	93	05	4	032	86	0	0	9	0	0	51	97
	Lasbela ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Manora) ...	000	0	0	23	10	93	06	0	088	82	0	0	9	0	0	56	86
	Karachi (Airport) ...	000	0	9	25	05	96	06	4	086	83	9	x	0	x	x	54	85
Hyderabad	Nagarparkar ...	000	0	0	00	00	97	00	0	009	88	0	0	9	0	0	67	90
	Umarkot ...	000	0	8	23	03	96	02	0	072	86	8	5	7	0	0	53	89
	Hyderabad ...	000	0	8	00	00	94	05	2	087	87	0	0	9	0	7	60	89
	Badin ...	000	0	8	23	02	96	05	0	088	89	8	0	9	0	0	64	92
Khairpur	Padidan ...	000	0	0	23	02	96	05	0	078	89	0	0	9	0	0	48	90
	Nawabshah ...	000	0	0	00	00	94	05	0	089	88	0	0	9	0	0	55	90
	Sukkur ...	000	0	0	02	02	96	02	0	074	88	0	0	9	0	0	63	90
	Kashmore ...	000	0	0	05	03	99	00	0	020	92	0	0	9	0	0	60	xx
	Jacobabad ...	000	0	0	09	03	96	01	0	070	87	0	0	9	0	0	79	88
Junagadh	Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Afghanistan	Jalalabad ...																	
Arabia	Muscat ...																	
	Kuwait ...																	
	HILL STATIONS																	
Kashmir	Srinagar * ...	xxx	x	6	00	00	97	xx	x	510	74	4	3	x	7	0	07	x
	Gulmarg ** ...																	
	Sonamarg ** ...																	
	Dras ** ...																	
	Leh ** ...																	
	Skardu * ...																	
	Misgar ** ...																	
	Aliabad * ...																	
	Gilgit * ...	010	3	6	00	00	98	02	1	531	59	6	5	0	0	x	48	60
Rawalpindi	Murree * ...	000	9	4	00	00	98	01	1	490	56	2	1	4	8	0	47	60
Peshawar	Drosh * ...	004	6	8	00	00	97	03	5	519	57	4	5	6	2	x	42	59
	Cherat * ...	000	0	7	36	10	96	03	2	xxx	[illegible]	3	4	9	5	7	42	77
	Kakul * ...	001	6	3	29	03	98	01	9	487	67	2	2	6	6	0	53	72
	Landikotal * ...	017	4	8	32	03	96	61	9	490	58	8	0	9	2	x	47	70
	Parachinar * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
D.I. Khan	Miranshah * ...	000	0	8	00	00	98	03	2	484	58	8	4	8	0	0	54	72
	Wana * ...	000	0	5	00	00	99	20	1	505	65	5	1	9	0	0	57	71
Quetta	Fort Sandeman * ...	000	0	0	25	01	98	05	4	479	73	0	0	9	0	0	11	75
	Hindubagh * ...	000	0	0	25	19	96	00	0	449	65	0	0	9	0	0	43	69
	Loralai * ...	000	0	8	16	03	97	02	2	431	70	0	4	7	2	1	48	—
	Harnai * ...	000	0	0	13	05	97	00	0	451	77	0	0	9	0	0	46	79
	Quetta * ...	000	0	0	34	02	96	00	0	484	65	0	0	9	0	0	56	72
	Chaman * ...	000	0	0	18	07	98	00	0	469	67	0	0	9	0	0	15	68
	Nushki * ...	000	9	0	27	09	96	05	4	521	72	0	0	9	0	0	41	73
	Dalbandin * ...	000	8	9	13	07	91	05	4	505	73	9	x	0	x	x	10	74
Kalat	Kalat * ...	000	0	0	18	03	96	00	0	486	57	0	0	9	0	0	37	63
	Panjgur * ...	000	0	0	31	08	94	05	0	500	73	0	0	9	0	0	26	75
Afghanistan	Kabul * ...																	
	Kandhar * ...																	

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 TnT (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall: Since 1st June 1962 to date (39)	Rainfall: Departure from normal (40)	Rainfall: Since 1st January, 1962 to date (41)	Rainfall: Annual Normal (42)
Chittagong	Rangamati	019	5	1	36	02	98	05	6	107	86	1	2	7	0	0	78	76		—	—	—	—	—
	Cox's Bazar	000	0	4	36	02	97	01	2	092	83	3	8	5	7	0	77	78	0	+3	102.0	—6.3	112.8	149
	Chittagong	004	3	5	36	02	97	03	6	088	86	5	3	6	0	0	79	78	+2	+2	74.1	—2.4	87.6	108
	Maijdee Court	000	0	3	27	05	97	02	0	099	85	3	0	9	4	0	77	80	+2	+3	78.6	—4.9	98.3	101
	Comilla	000	0	2	00	00	97	01	2	077	87	2	4	7	0	0	77	79	+2	+3	49.1	—13.3	62.3	94
	Brahmanbaria	000	0	7	05	02	97	03	0	099	85	3	4	5	0	0	77	75	—		—		—	78
	Sylhet	000	3	5	09	05	96	02	4	093	84	5	8	4	0	0	79	77	—	—	92.8	—	119.9	—
	Srimangal	000	0	0	00	00	96	00	0	102	87	0	0	9	0	0	77	75		+1	—	—	—	98
Dacca	Mymensingh	000	0	4	07	02	97	01	1	107	82	4	1	4	0	0	78	77	+3	0	51.6	—10.5	67.6	91
	Narayanganj	000	9	2	00	00	97	03	0	099	86	2	4	3	0	0	76	79	+1	+1	48.7	+1.0	65.9	74
	Dacca (Tejgaon)	000	9	3	31	02	97	02	2	096	83	3	8	4	0	1	77	78	—	—	57.4	—	62.9	—
	Faridpur	000	0	3	34	02	97	01	1	096	84	2	3	6	1	0	80	79	+2	+1	38.4	—7.8	51.9	71
Khulna	Barisal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	+1					81
	Khulna	000	0	5	00	00	97	03	1	104	85	5	5	6	0	0	76	77	+2	0	—	—	—	60
	Satkhira	000	0	5	00	00	97	01	2	125	85	1	1	8	3	0	75	76	+4	0	48.1	+2.7	54.3	65
	Jessore	000	0	4	05	03	97	01	1	099	83	1	5	6	0	2	77	76	—	—	39.4	—4.0	49.7	63
Rajshahi	Pabna	000	0	3	31	02	98	02	0	103	85	1	1	7	0	1	77	77	—	—	39.7	—	58.1	59
	Sirajganj	000	0	0	05	03	99	00	0	101	84	0	0	9	0	0	78	76	+3	—	38.9	—5.5	51.8	64
	Bogra	000	0	1	05	02	96	02	0	104	83	0	0	9	0	1	76	76	+2	—1	37.5	—11.7	51.3	69
	Dinajpur	000	0	8	09	02	97	02	2	xxx	81	8	3	7	x	x	77	76	+4	—1	—	—	—	72
	Rangpur	000	0	1	13	02	96	01	0	111	88	1	0	9	1	0	77	76	+3	0	44.5	—16.1	66.7	84
Kashmir	Jammu																							—
Lahore	Lahore (Jail Rd.)	000	0	0	31	03	96	02	0	134	70	0	0	9	0	0	58	60	—16	—8	13.6	—0.8	20.0	19
	Sialkot	000	0	0	00	00	97	00	0	117	69	0	0	9	0	0	61	60	—10	—10	28.0	+4.7	31.8	32
Rawalpindi	Jhelum	000	0	1	31	03	97	03	0	136	69	1	0	9	3	0	53	64	—	—	21.9	—	28.0	—
	Rawalpindi	000	0	3	27	03	98	02	0	143	65	3	0	9	7	0	54	61	—12	—4	26.9	+3.6	33.5	36
	Campbellpur	000	0	4	03	02	98	00	0	181	63	0	0	0	0	1	52	59	—	—	11.8	—	20.1	—
Sargodha	Khushab	000	0	0	00	00	98	00	0	139	71	0	0	9	0	0	64	68	—15	—3	2.9	—7.3	7.8	15
	Lyallpur	017	9	0	00	00	96	09	x	153	66	0	0	9	0	0	60	64	—14	—6	6.2	—2.9	10.0	12
Multan	Montgomery	000	0	0	00	00	96	01	1	145	70	0	0	9	0	0	57	63	—13	—9	8.8	+1.5	11.9	10
	Multan	000	9	9	36	02	96	05	0	147	70	2	5	6	3	0	60	67	—11	—6				
	Leiah	000	x	0	00	00	95	00	0	119	70	0	0	9	0	0	63	61	—	—	—	—	—	8
Bahawalpur	Khanpur	000	0	0	05	05	95	05	0	139	73	0	0	9	0	0	61	66	—13	—6	6.2	+1.4	7.1	6
	Bahawalpur	000	0	0	00	00	98	00	0	143	72	0	0	9	0	0	64	77	—16	—	2.9	—1.3	3.6	6
	Fort Abbas	000	0	0	05	02	98	00	0	140	73	0	0	9	0	0	63	66	—	—	0.6	—	0.9	8
Peshawar	Chakdara	024	0	0	36	02	97	00	0	150	57	0	0	9	0	0	52	45	—	—	7.6	—	16.8	—
	Peshawar	005	9	0	18	02	97	01	9	140	62	0	0	9	0	0	53	58	—13	—9	2.4	—2.0	9.0	11
	Haripur	000	3	5	09	02	96	03	2	150	64	1	5	0	6	4	xx	57	—	—	20.6	—	27.3	—
D. I. Khan	Bannu	000	0	0	00	00	99	00	0	114	62	0	0	9	0	0	52	58	—	—	2.5	—	5.5	11
	D. I. Khan	000	0	0	00	00	98	00	0	145	67	0	0	9	0	0	60	63	—15	—8	2.0	—3.4	4.9	9
Quetta	Sibi	000	9	8	13	02	97	05	1	153	75	2	3	9	4	1	41	69	—	—	4.0	—	5.1	5
Kalat	Nokkundi	000	0	0	31	05	97	02	0	192	53	0	0	9	0	0	16	48	—	—	0	—	0.1	2
	Turbat	000	0	0	09	02	95	05	0	146	74	0	0	9	0	0	32	xx	—	—	1.8	—	4.6	—
	Jiwani	000	0	0	09	07	94	05	0	144	78	0	0	9	0	0	71	69	—	—	1.2	—	1.9	5
	Pasni	000	3	0	25	04	97	05	1	989	81	0	0	9	0	0	77	77	—2	+6	0	—0.9	0.2	6
Karachi Division	Ormara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					6
	Lasbela	000	0	4	13	02	98	04	0	946	94	4	0	9	4	0	80	69		—	0	—	0	8
	Karachi (Manora)	000	0	0	00	00	93	05	4	131	77	0	0	9	0	0	52	75	0	—1	9.1	—3.1	9.1	8
	Karachi (Airport)	000	0	9	00	00	92	06	4	138	75	9	x	0	x	x	70	72	—	—	10.7	—	10.7	—
Hyderabad	Nagarparkar	000	0	2	00	00	95	00	0	852	80	0	2	7	0	0	77	xx	—	—	10.6	—	10.6	—
	Umarkot	000	0	8	11	01	95	02	0	127	74	8	5	6	0	0	63	70	—	—	7.8	—	8.0	—
	Hyderabad	000	0	8	00	00	95	05	2	129	74	0	0	9	0	0	63	72	—10	—3	15.6	+9.6	16.2	7
	Badin	000	0	8	00	00	96	05	0	160	73	8	0	9	0	0	63	75	—4	+1	6.5	—0.6	7.2	9
Khairpur	Padidan	000	0	0	05	02	96	05	0	131	75	0	0	9	0	0	65	71	—	—	2.8	—	3.4	—
	Nawabshah	000	0	0	00	00	94	05	0	141	75	0	0	9	0	0	61	71	—	—	2.8	—	3.2	—
	Sukkur	000	0	0	02	05	96	02	0	132	74	0	0	9	0	0	59	73	—	—	2.5	—	2.5	4
	Kashmore	000	0	0	00	00	99	00	0	017	85	0	0	9	0	0	70	57	—	—	0.5	—	0.5	—
	Jacobabad	000	0	0	09	07	96	02	0	126	75	0	0	9	0	0	72	75	—13	+2	2.0	—0.3	2.9	4
Junagadh	Veraval	xxx	x	3	02	02	97	01	0	137	79	2	0	9	3	9	73	73		—	—	—	—	20
Afghanistan	Jalalabad																							
Arabia	Muscat																							4
	Kuwait																							5
	HILL STATIONS																							
Kashmir	Srinagar *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					26
	Gulmarg **																							—
	Sonamarg **																							71
	Dras **																							26
	Leh **																							3
	Skardu *																							6
	Misgar **																							—
	Aliabad *																							—
	Gilgit *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					5
Rawalpindi	Murree *	005	9	6	05	09	96	02	9	515	22	x	x	9	5	0	35	45	—10	—8	31.6	—3.6	49.7	59
Peshawar	Drosh *	018	8	3	00	00	98	01	6	552	48	2	1	6	6	0	45	47	—25	—12	—	—	—	18
	Cherat *	025	9	0	34	16	96	02	5	xxx	54	0	0	9	0	0	42	58	—6	—5	—	—	—	29
	Kakul *	116	9	4	31	03	97	02	9	420	57	3	4	6	6	2	51	50	—	—	30.7	—	36.3	—
	Landikotal *	119	0	0	00	00	96	00	0	513	55	0	0	9	0	0	46	47	—	—	4.5	—	20.6	—
	Parachinar *	000	0	0	00	00	99	00	0	532	47	0	0	9	0	0	33	41	—					29
D.I. Khan	Miranshah *	000	0	0	00	00	99	00	0	519	57	0	0	9	0	0	45	52	—	—	13.9	—	27.4	13
	Wana *	000	0	0	00	00	98	00	0	509	55	0	0	9	0	0	43	49	—	—	4.9	—	13.2	11
Quetta	Fort Sandeman *	097	0	0	00	00	98	05	4	538	58	0	0	9	0	0	47	55	—15	—6	6.5	+1.5	11.2	11
	Hindubagh *	000	0	0	27	02	96	00	0	479	44	0	0	9	0	0	22	35	—	—	0.8	—	4.6	—
	Loralai *	000	0	7	31	02	98	02	2	344	55	0	4	8	2	1	32	51	—	—	1.1	—	4.6	9
	Harnai *	006	0	0	31	05	97	00	0	501	66	0	0	9	0	0	11	66	—	—	5.7	—	8.8	14
	Quetta *	000	0	0	00	00	96	00	0	532	53	0	0	9	0	0	37	36	—	—	0.1	—0.9	4.3	9
	Chaman *	000	0	0	18	03	97	06	4	520	54	0	0	9	0	0	13	48	—19	—11	0	—0.2	1.3	8
	Nushki *	000	9	0	32	05	96	05	4	546	59	0	0	9	0	0	41	57	—	—	0	—	0.2	—
	Dalbandin *	000	9	0	00	00	94	05	4	501	49	0	0	9	0	0	02	47	—23	—11	0	—0.2	1.2	4
Kalat	Kalat *	000	0	0	18	02	96	00	0	535	44	0	0	9	0	0	35	34	—17	—10	0.2	—1.0	2.2	7
	Panjgur *	000	0	0	00	00	94	05	0	517	51	0	0	9	0	0	26	49	—19	—12	0.3	—	1.3	5
Afghanistan	Kabul *																							12
	Kandhar *																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

FIRDAY THE 28th SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQ $L_aL_aL_a$	$L_oL_oL_o$ GG	N dd ff	VV ww W	PPP TT	$N_hC_LhC_MC_H$	D_sV_s a PP	8 $N_sCh_sh_s$	$OT_wT_wT_dT_d$	$Id_wd_wP_wH_w$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Action	53 180	580 36	0 00 00	98 0 30	123 99	00 9 00	xx x xx	...	00 0 90	10 0 x0
Salacia	53 239	596 06	0 35 06	61 0 70	117 02	00 9 00	75 3 11	...	00 1 91	13 5 30
Socotra	53 305	533 06	4 32 05	96 0 81	130 83	46 5 00	55 2 40	...	00 0 79	13 0 33
Lalyleark	53 174	565 06	3 20 05	98 0 30	114 97	33 6 00	56 1 05	...	00 4 63	12 1 31
Edjala	53 222	599 06	0 33 07	96 0 30	138 99	00 9 00	56 3 20	...	00 1 65	12 3 x0
Calsex awstrdam	53 310	599 36	0 00 00	97 0 30	131 97	00 9 00		...	05 1 74	1x x xx
Max Bonn	53 101	587 12	5 26 10	98 0 22	086 81	33 4 41	75 6 10	...	00 1 74	12 6 21
Salatiga	53 241	585 12	0 09 05	96 0 70	104 84	00 9 00	75 7 06	...	00 0 77	10 9 20
Socotra	53 195	626 12	0 33 05	96 0 54	189 82	00 9 00	55 6 05	...	00 0 63	13 2 22
action	53 195	588 42	0 09 02	97 0 60	092 82	00 9 00		...	00 0 60	10 7 20
Edjala	53 208	592 12	0 21 03	96 0 50	108 82	00 9 00	56 7 22	...	00 4 68	12 0 x0
Bengalen	53 128	739 12	5 34 16	98 0 21	092 84	42 4 01	76 5 07	...	00 2 74	13 4 22
Calrex awstrdam	53 196	588 42	0 00 00	97 0 20	102 82	00 9 00	...	...	00 1 63	10 0 x0
Feldijas Cowsjas	53 065	818 12	6 10 13	98 0 10	01x 85	34 x xx		...		
Karanja	53 144	624 18	3 24 09	98 0 20	117 79	34 3 00	86 2 10	...	05 3 78	12 4 21
action	53 210	594 18	0 08 07	97 0 60	114 79	00 9 00	...	...	00 1 67	...

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}
		PPP $TTTT_dT_dT_d$				HHH$TTTT_dT_dT_d$					HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Bogra	...													
Chittagong	...													
Dacca	00 00	072 258 218	...	...	110 168 008	...	311 078 002	437 012 555	581 978 992	...	...	...	...	...
Jiwani	...													
Karachi	00 00	800 245 198	090 242 195	...	147 195 995	...	312 050 990	437 008 992	542 635 998	754 635 995	967 770	245 985	408 112	673 261
Lahore	00. 00	MISDG	...	...	...	...	...	...	...	...	...	...	...	...
Multan	...													
Peshawar	00 00	913 145 122	...	...	149 192 085	...	316 132 032	499 072 728	...	...	...	...	...	...
Quetta	...	...	...	...	...	...	...	...	...	...	...	...	...	...

STATION	Time of ascent in G.M.T.	At Significant Levels: $PPPTTTT_dT_dT_d$									Max. Height Reached: $PPPTTTT_dT_dT_d$	TROPOPAUSE: St. HHHHTT	St. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra	...												
Chittagong	...												
Dacca	00 00	007 262 242	900 222 048	800 138 505	587 005 565	010 112 605	...	...	...	...	010 112 605	...	...
Jiwani	...												
Karachi	00 00	900 220 xxx	800 150 xxx	350 70 xxx	250 880 xxx	...	...	...	...	...	250 880 xxx	...	...
Lahore	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Multan	...												
Peshawar	00 00	900 192 112	870 202 085	350 175 082	...	...	...	...	...	...	800 175 082	...	...
Quetta	...												

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff): 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 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
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
Bogra	30 07	28 07	29 08	30 08	30 08	32 04	28 06	27 04	29 04	34 15	34 09	34 04	33 04	xx xx	29 03	33 07	31 04	...	...	...	...	...	...	...	...
Chaklala	...	29 06	30 08	30 02	12 07	14 02	18 25	...	...	...	35 05	34 05	34 08	27 04	25 03	...	30 07	33 04	33 08	33 07	06 06	27 13	23 27	23 31	13 32
Cahor	22 08	23 07	23 06	...	...	...	...	...	...	09 12	08 09	08 08	...	...	...	01 03	27 03	...	...	...	...	...	...	...	...
Chittagong	28 07	33 09	01 09	01 05	33 01	08 02	05 09	06 07	06 09	xx xx	xx xx	05 04	02 05	10 05	13 04	01 04	03 05	03 04	03 03	08 07	08 08	15 12	05 11	05 13	...
Cox's Bazar	31 07	33 04	35 03	19 02	...	...	...	...	...	01 06	36 06	34 05	19 02	07 05	13 02	...	...	...	...	...	...	...	...	...	...
Dacca	31 06	32 06	32 08	34 07	04 03	06 03	03 04	05 03	05 03	36 04	36 05	11 03	36 04	36 04	05 06	...	...	...	...	...	...	...	...	...	...
Dalbandin	...	...	25 12	26 18	...	...	...	...	...	...	...	10 01	04 04	31 04	35 20	...	...	12 03	19 03	01 03	02 15	32 11	...	...	...
D.I. Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drosh	...	...	...	...	06 11	02 09	...	...	...	...	...	...	...	...	...	...	...	...	...	02 01	36 04	...	...	...	...
Fort Sandeman	...	...	...	23 03	23 05	23 08	...	...	...	...	...	...	08 05	35 02	31 03	...	...	...	25 04	21 07	27 14	...	...	...	...
Jacobabad	12 05	11 04	13 04	18 04	24 07	26 08	...	...	...	09 25	12 13	14 09	20 06	19 02	34 03	09 08	06 12	04 10	33 04	32 03	23 07	29 15	...	...	...
Jessore	33 05	33 13	34 07	36 11	01 05	07 07	...	...	...	01 13	36 13	...	...	...	...	34 04	34 06	...	...	...	...	...	...	...	...
Jhelum	15 02	07 01	36 01	04 02	12 03	21 08	18 21	20 26	21 28	31 09	33 15	34 12	36 08	33 07	15 08	31 06	32 07	32 11	34 08	04 04	15 07	19 15	23 29	02 34	24 32
Jiwani	16 07	20 04	19 06	19 15	...	...	...	...	...	04 15	07 14	08 09	09 05	01 12	07 16	06 12	04 14	...	...	...	...	...	...	...	...
Karachi	22 10	20 06	10 04	...	...	...	...	...	...	...	...	...	...	...	...	31 03	03 03	10 05	08 06	...	...	...	...	...	...
Khanpur	36 10	01 11	01 11	02 10	05 04	20 03	17 05	20 12	...	04 27	05 19	06 09	09 08	11 02	...	05 11	06 09	08 05	14 03	19 02	24 02	...	...	...	...
Lahore	01 05	01 04	01 05	33 02	24 06	21 12	19 14	20 22	20 38	34 09	35 13	34 12	33 08	30 03	26 07	34 06	33 09	33 09	31 08	30 08	26 08	21 09	[illegible]	19 17	21 23
Multan	04 05	02 05	01 05	31 04	28 04	24 13	24 17	24 13	25 29	36 12	02 11	36 03	28 05	...	...	02 07	03 08	03 08	32 06	26 05	26 09	23 13	26 20	24 24	...
Muscat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Panjgur	...	...	...	35 09	34 06	...	...	...	...	...	...	...	35 12	...	...	...	...	...	03 12	04 11	...	...	...	...	...
Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30 07	32 08	32 11	33 11	32 10	29 15	18 08	...	...
Quetta	...	...	...	...	30 10	...	...	...	...	...	...	...	...	25 01	27 05	...	...	...	...	15 03	16 03	30 08	27 19	27 25	...
Sharjah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sylhet	26 10	24 05	21 04	22 01	07 03	...	...	...	...	07 03	08 02	10 02	14 07	xx xx	06 04	21 05	20 01	08 03	07 05	36 06	05 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	01 08	...	...	...	...	...	...	...			...	...		...	...	...		...
Karachi	28 06	34 04	01 03	01 05	05 11	08 14	32 08	30 07	29 13	27 30	27 42	26 44	25 45	25 31	28 23	26 17	17 11	20 16
Peshawar	33 15	30 13	33 11	25 13	24 12	19 08	25 13	27 17	27 19	25 40	27 51	27 76	...	...	...	...	...	...
Quetta	...																	

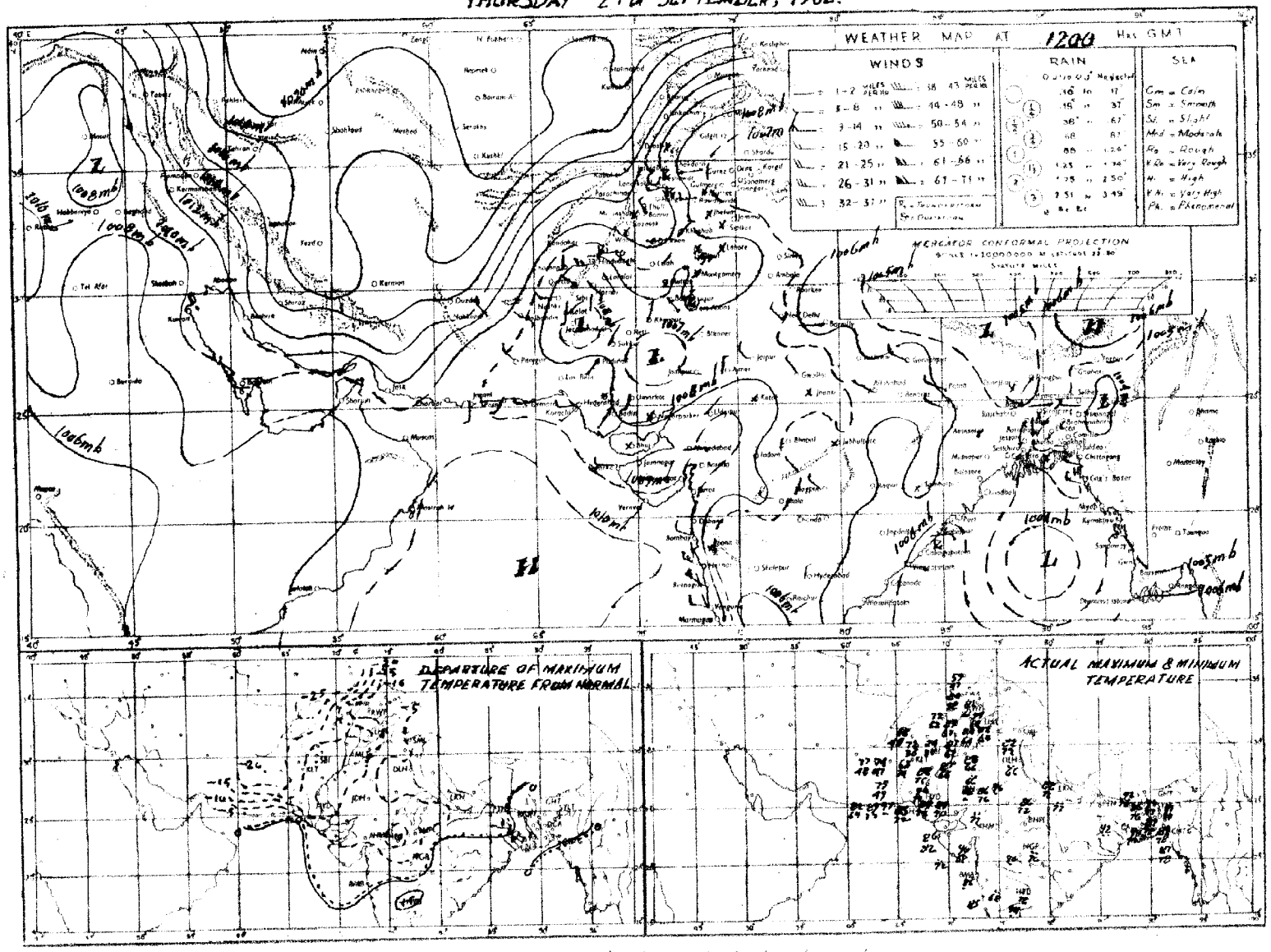
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd VrVr etc.)

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

PAKISTAN DAILY WEATHER MAP

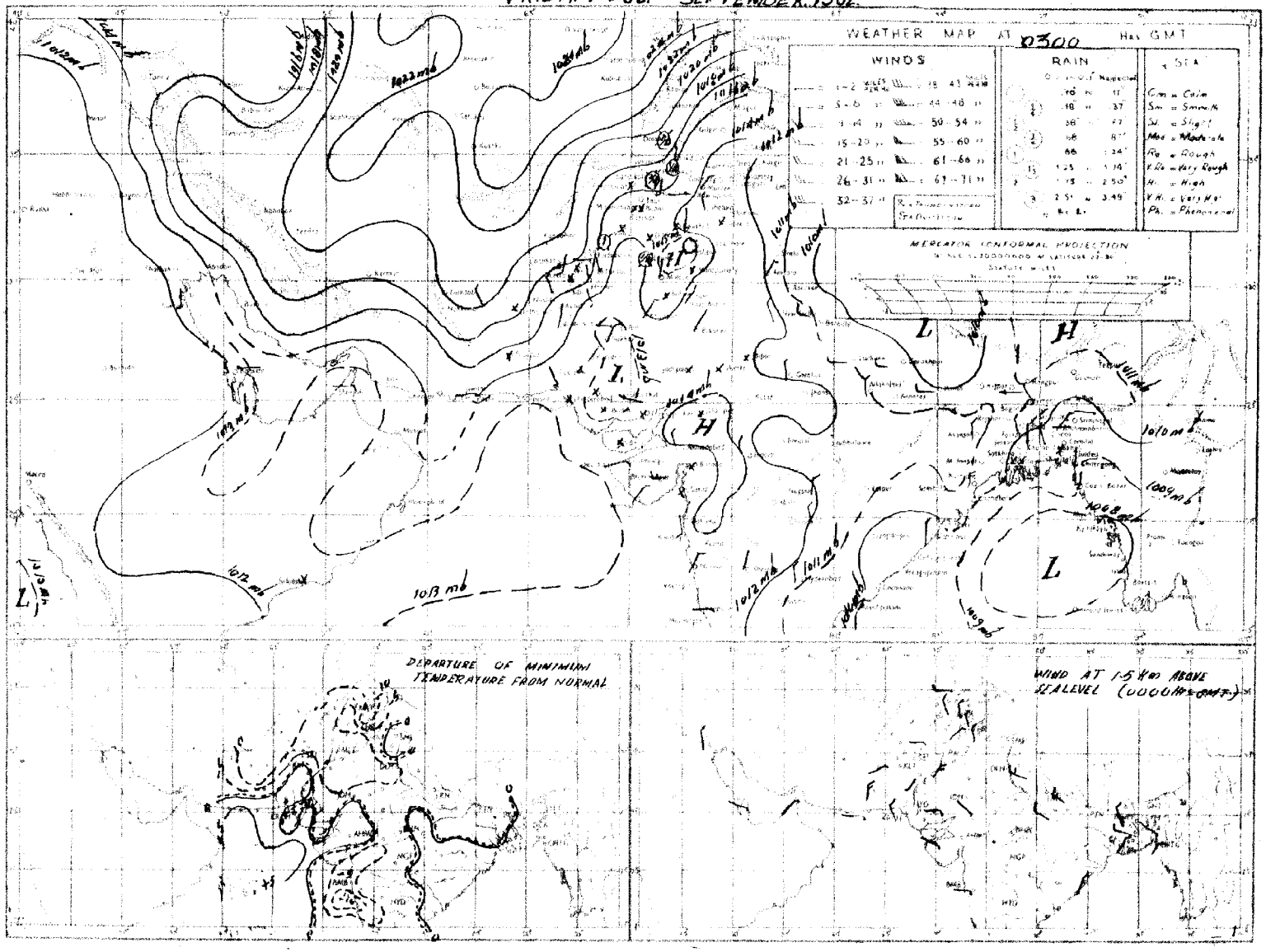
THURSDAY 27th SEPTEMBER, 1962.



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

PAKISTAN DAILY WEATHER MAP

FRIDAY, 28th SEPTEMBER 1962



Rainfall amounts indicate in the above chart refer to rain 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

SATURDAY, THE 29th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance north of Peshawar division is moving away across the north of Kashmir. It has caused scattered thunderstorms in Peshawar and Rawalpindi divisions.

A fresh western disturbance is moving across the north of Afghanistan.

The low pressure area in the Bay of Bengal has become diffused and extends as a trough of low over the central Bay and neighbourhood. Under its influence rain/thundershowers have been scattered in Chittagong division.

Chief amounts of rainfall are:—Rangamati 2″ and Maijdee Court 1/4″.

Night temperatures were 6—13°F (3—7°C) below normal over West Pakistan outside Karachi, Khairpur and Hyderabad divisions and the coastal districts of Kalat division.

Forecast valid until the evening of 30th September, 1962:—Local thunderstorm/showers will occur in Chittagong division and scattered elsewhere over East Pakistan and in Peshawar and Rawalpindi divisions and Kashmir.

Karachi-11
The 29th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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	Rangamati	000	1	6	30	05	35	17	8	064	86	5	3	5	1	6	79	83
	Cox's Bazar	000	0	5	29	07	97	02	2	053	83	7	7	9	0	4	77	88
	Chittagong	000	0	4	27	02	96	01	3	05x	85	2	3	6	2	0	79	92
	Maijdee Court	000	9	3	27	02	96	03	0	056	86	3	0	9	5	0	77	89
	Comilla	000	0	2	00	00	97	02	1	034	87	2	4	7	0	0	77	90
	Brahmanbaria	000	0	3	00	00	96	03	1	056	87	0	0	9	0	4	78	90
	Sylhet	000	0	5	27	05	xx	01	2	047	85	2	1	6	4	1	78	91
	Srimangal	000	0	0	00	00	95	00	0	063	86	0	0	9	0	0	74	92
Dacca	Mymensingh	000	0	2	00	00	97	01	0	060	87	0	0	9	0	4	78	90
	Narayanganj	000	4	2	00	00	96	02	0	057	86	1	5	3	0	8	70	92
	Dacca (Tezgaon)	000	9	2	00	00	98	02	1	054	85	0	0	9	0	2	75	90
	Faridpur	000	0	1	34	02	96	01	1	062	85	1	4	6	0	0	75	87
Khulna	Barisal	000	0	3	00	00	97	02	2	061	87	2	0	9	4	2	74	89
	Khulna	000	0	2	00	00	97	01	2	062	86	2	5	7	0	0	78	89
	Satkhira	000	0	3	00	00	97	04	1	080	87	1	1	8	2	0	78	90
	Jessore	000	0	4	18	02	97	02	2	072	84	4	4	6	0	0	78	89
Rajshahi	Pabna	000	0	2	00	00	98	01	1	062	86	0	0	9	0	2	76	91
	Sirajganj	000	0	0	31	02	96	00	1	057	86	0	0	9	0	0	76	90
	Bogra	000	0	2	00	00	96	02	0	061	86	0	0	9	0	1	77	91
	Dinajpur	000	0	0	00	00	95	00	0	055	88	0	0	9	0	0	76	93
	Rangpur	000	0	2	23	02	96	01	1	056	88	1	2	6	1	0	80	92
	Jammu																	
	Lahore (Jail Rd.)	000	0	0	31	02	96	02	0	116	83	0	0	9	0	0	61	84
	Sialkot	000	0	0	00	00	97	00	0	105	xx	0	0	9	0	0	63	85
	Jhelum	000	0	0	27	03	97	02	0	104	86	0	0	9	0	0	52	88
	Rawalpindi	000	0	0	27	03	97	05	0	117	75	0	0	9	0	0	52	79
	Campbellpur	000	0	0	07	02	98	00	0	014	85	0	0	9	0	0	73	88
	Khushab	000	0	0	00	00	97	05	4	123	85	0	0	9	0	0	68	82
	Lyallpur	000	0	0	00	00	96	00	2	114	85	0	0	9	0	0	52	85
	Montgomery	000	0	0	00	00	96	02	6	125	83	0	0	9	0	0	58	86
	Multan	000	0	0	00	00	97	02	0	122	85	0	0	9	0	0	49	87
	Leiah	000	0	3	00	00	95	01	1	014	73	1	2	9	1	0	59	82
	Khanpur	000	0	0	02	05	95	05	0	130	86	0	0	9	0	0	60	xx
	Bahawalpur	000	0	0	31	00	96	00	0	105	81	0	0	9	0	0	65	82
	Fort Abbas	000	0	0	31	02	98	00	0	116	84	0	0	9	0	0	59	87
	Chakdara	000	0	0	02	05	95	05	0	130	86	0	0	9	0	0	60	xx
	Peshawar	000	0	0	00	00	97	02	1	124	80	0	0	9	0	0	47	82
	Haripur	000	4	5	05	03	96	03	2	136	76	5	0	9	0	3	51	78
	Bannu	000	0	0	18	01	99	00	0	123	79	0	0	9	0	0	48	83
	D. I. Khan	000	3	6	00	00	98	00	0	021	82	6	0	9	0	6	57	84
	Sibi	000	9	8	05	02	97	05	1	129	86	2	3	9	4	1	51	87
	Nokkundi	000	0	0	09	02	98	02	0	125	83	0	0	9	0	0	18	84
	Turbat	000	0	0	09	02	97	00	0	104	94	0	0	9	0	0	49	95
	Jiwani	000	0	0	18	09	94	05	0	122	85	0	0	9	0	0	54	92
	Pasni	000	8	4	23	08	96	02	1	983	84	0	0	9	3	0	81	88
	Ormara	000	9	0	31	05	92	05	4	105	87	0	0	9	0	0	47	92
	Lasbela	000	0	3	36	10	97	03	0	965	98	3	0	9	3	0	81	06
	Karachi (Manora)	000	0	0	27	10	93	05	4	109	84	0	0	9	0	0	71	87
	Karachi (Airport)	000	0	9	23	07	92	06	4	115	83	9	x	0	x	x	61	87
	Nagarparkar	000	0	0	00	00	96	00	0	094	87	0	0	9	0	0	59	90
	Umerkot	000	0	8	xx	xx	95	05	0	105	89	8	5	7	0	0	56	91
	Hyderabad	000	0	8	00	00	94	05	2	123	88	0	0	9	0	7	61	92
	Badin	000	0	0	23	02	97	00	0	127	88	0	0	9	0	0	59	93
	Padidan	000	0	0	31	05	96	05	0	115	87	0	0	9	0	0	58	87
	Nawabshah	000	0	0	00	00	94	05	0	027	91	0	0	9	0	0	53	93
	Sukkur	000	0	0	34	03	96	02	0	117	85	0	0	9	0	0	65	91
	Kashmore	000	0	0	00	00	99	00	0	019	93	0	0	9	0	0	63	xx
	Jacobabad	000	0	0	33	02	97	05	0	118	85	0	0	9	0	0	76	xx
	Veraval	xxx	x	6	29	12	97	02	2	111	85	1	2	5	3	0	72	xx
	Jalalabad	...																
	Muscat																	
	Kuwait																	
	HILL STATIONS																	
Kashmir	Srinagar *	xxx	x	2	00	00	97	03	1	521	61	2	1	6	0	0	50	xx
	Gulmarg **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sonamarg **																	
	Dras **																	
	Leh **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Skardu *																	
	Misgar **	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Aliabad *																	
	Gilgit *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Murree *	005	3	2	00	00	98	01	9	511	55	0	0	9	8	0	42	63
	Drosh *	000	4	3	00	00	96	02	4	520	64	3	1	7	0	0	43	73
	Cherat *	000	0	0	36	03	97	05	0	xxx	65	0	0	9	0	0	41	67
	Kakul *	000	3	0	07	03	97	01	9	518	69	3	4	6	6	0	42	77
	Landikotal *	000	0	0	23	03	96	00	0	516	71	0	0	9	0	0	42	72
	Parachinar *	000	0	4	13	02	99	03	0	508	64	4	1	9	1	0	34	67
	Miranshah *	000	0	4	05	05	98	03	2	518	73	4	4	8	0	0	69	75
	Wana *	000	0	0	00	00	98	00	0	509	65	0	0	9	0	0	57	71
Quetta	Fort Sandeman *	000	0	0	00	00	96	05	4	522	74	0	0	8	0	0	08	76
	Hindubagh *	000	0	0	25	12	96	00	0	473	69	0	0	9	0	0	36	72
	Loralai *	000	0	8	16	03	97	02	2	357	67	0	4	8	2	1	49	72
	Harnai *	000	0	0	13	05	96	00	0	501	77	0	0	9	0	0	35	79
	Quetta *	000	0	0	31	02	96	00	0	466	68	0	0	9	0	0	58	70
	Chaman *	000	0	0	27	07	98	00	0	504	71	0	0	9	0	0	21	72
	Nushki *	000	0	0	18	09	97	05	4	526	80	0	0	9	0	0	46	82
	Dalbandin *	000	0	0	09	03	94	05	0	535	79	0	0	9	0	0	09	80
	Kalat *	000	0	0	31	07	96	00	0	512	61	0	0	9	0	0	49	67
	Panjgur *	000	0	0	34	08	94	05	0	526	77	0	0	9	0	0	43	79
	Kabul *																	
	Kandhar *																	

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 TnT (36)	Departure: Maximum Temperature TxTx (37)	Departure: Minimum Temperature TnTn (38)	Rainfall since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati	196	8	4	36	02	98	05	9	101	82	1	1	6	1	4	73	75	—	—				
Cox's Bazar	001	9	7	00	00	97	02	6	030	84	3	4	5	3	8	77	79	+ 1	+ 4	102.0	— 7.2	112.8	140
Chittagong	089	8	4	36	05	97	02	6	078	85	2	0	9	2	2	76	77	+ 5	+ 1	74.2	— 3.0	87.7	108
Maijdee Court	025	6	5	31	05	97	03	1	086	85	5	2	5	0	0	79	80	+ 2	+ 3	78.9	— 5.3	98.6	101
Comilla	000	0	6	00	00	97	02	2	069	86	6	4	5	0	0	79	80	+ 2	+ 4	49.1	—13.9	62.3	94
Brahmanbaria	000	0	4	18	02	97	03	1	089	87	4	4	5	0	0	80	80	—	—	44.7	— 3.1	62.3	78
Sylhet	000	0	3	09	05	96	01	1	084	85	2	1	6	1	0	76	78	—		92.9	—	119.9	[illegible]
Srimangal	000	0	0	00	00	96	00	0	059	88	0	0	9	0	0	77	76	+ 1	+ 2	46.4	—12.2	62.7	98
Mymensingh	000	0	4	27	02	97	01	0	089	84	0	0	9	0	4	77	77	+ 3	0	51.6	—11.2	67.6	91
Narayanganj	000	0	5	00	00	97	02	1	091	88	1	4	3	0	8	77	80	+ 4	+ 2	48.7	+ 0.6	65.9	74
Dacca (Tezgaon)	000	0	2	36	02	97	01	0	084	85	1	0	9	3	1	76	79	—		57.4	—	62.3	—
Faridpur	000	0	6	02	02	97	02	1	090	85	2	5	6	1	0	78	80	0	+ 2	38.4	— 8.3	51.9	71
Barisal	000	0	4	13	02	97	02	2	091	88	4	0	9	4	0	78	80	+ 1	+ 2	47.7	— 8.4	61.5	81
Khulna	000	0	6	00	00	97	01	2	092	86	6	5	6	0	0	78	80	+ 1	+ 3	40.1	— 8.3	47.7	60
Satkhira	000	0	6	00	00	97	03	2	109	84	3	4	6	3	0	77	78	+ 3	+ 2	48.1	+ 2.2	54.3	63
Jessore	000	0	5	05	03	97	01	1	094	83	3	5	6	6	0	79	77	—	—	39.4	— 4.3	49.7	65
Pabna	003	0	4	31	05	97	03	1	093	85	0	0	9	0	2	79	73	—		39.7	—	58.1	59
Sirajganj	000	0	6	00	00	97	03	1	089	85	6	0	9	0	4	78	77	+ 2	0	38.9	— 6.0	51.9	64
Bogra	000	0	4	05	03	96	02	0	090	85	0	0	9	0	1	78	78	+ 3	+ 1	37.5	—12.4	51.3	69
Dinajpur	000	0	0	00	00	96	00	0	090	86	0	0	9	0	0	77	76	+ 5	—	—	—	—	72
Rangpur	000	0	1	05	02	96	01	0	095	85	1	0	9	1	0	78	77	+ 4	+ 1	44.5	—16.8	66.7	84
Jammu																							—
Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	126	69	0	0	9	0	0	60	64	— 14	— 4	13.6	— 0.9	19.9	[illegible]
Sialkot	000	0	0	00	00	97	00	0	113	67	0	0	9	0	0	60	62	— 10	— 8	28.0	+ 4.6	31.5	[illegible]
Jhelum	000	0	0	36	02	97	02	0	118	68	0	0	9	0	0	51	61	—	—	21.9	—	28.0	—
Rawalpindi	000	0	0	00	00	96	00	0	127	65	0	0	9	0	0	58	57	— 14	— 8	26.9	+ 3.5	33.5	[illegible]
Campbellpur	000	0	0	13	02	97	00	0	147	62	0	0	9	0	0	59	58	—	—	11.8	—	20.1	—
Khushab	000	0	0	00	00	98	00	0	123	68	0	0	9	0	0	63	69	— 16	— 2	2.9	— 7.3	7.7	15
Lyallpur	000	0	0	00	00	96	00	0	127	67	0	0	9	0	0	57	65	— 13	— 5	6.2	— 2.7	10.0	13
Montgomery	000	0	0	00	00	96	02	0	129	69	0	0	9	0	0	60	62	— 13	— 10	8.8	— 1.4	11.9	10
Multan	000	0	0	00	00	95	05	0	xxx	73	0	0	9	0	0	55	67	— 11	— 6	1.3	— 3.7	3.0	7
Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				8
Khanpur	000	0	0	00	00	94	06	4	133	74	0	0	9	0	0	63	65	—	— 7	6.2	+ 1.4	7.1	6
Bahawalpur	000	0	0	00	00	98	00	0	133	71	0	0	9	0	0	63	76	— 17	+ 6	2.9	— 1.3	3.6	6
Fort Abbas	000	0	0	18	02	98	00	0	134	72	0	0	9	0	0	62	66	—	—	0.6	—	0.9	8
Chakdara	000	0	2	36	02	97	03	0	116	61	2	0	9	0	0	51	55	—	—	7.3	—	16.5	—
Peshawar	000	0	0	18	02	97	02	0	124	65	0	0	9	0	0	50	59	— 11	— 8	2.4	— 2.0	9.0	11
Haripur	000	0	0	09	02	97	00	0	123	65	0	0	9	0	0	55	56	—	—	20.6	—	27.3	—
Bannu	000	0	0	00	00	99	00	0	123	66	0	0	9	0	0	53	60	—	—	2.5	—	5.5	11
D. I. Khan	000	0	0	00	00	98	00	0	124	69	0	0	9	0	0	58	64	— 14	— 7	2.0	— 3.4	4.9	9
Sibi	000	0	0	00	00	97	05	0	142	69	0	0	9	0	0	61	66			4.0	—	5.1	5
Nokkundi	000	0	0	36	02	97	02	0	188	62	0	0	9	0	0	12	53	—	—	0	—	0.1	2
Turbat	000	0	0	00	00	96	05	0	157	68	0	0	9	0	0	39	xx	—	×	1.8	—	4.6	—
Jiwani	000	0	0	27	02	96	05	0	150	70	0	0	9	0	0	52	65	—	—	1.2	—	1.9	5
Pasni	000	0	0	23	02	97	05	2	089	80	0	0	9	0	0	77	77	— 3	+ 6	0	— 0.9	0.2	6
Ormara	000	0	0	00	00	93	05	0	138	70	0	0	9	0	0	56	69	—	—	0.1	— 0.7	2.0	6
Lasbela	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Karachi (Manora)	000	0	0	31	05	93	05	4	133	78	0	0	9	0	0	56	76	+ 1	0	9.1	— 3.1	9.1	8
Karachi (Airport)	000	0	9	31	02	92	06	4	142	76	9	x	0	x	x	65	74	—	—	10.7	—	10.7	—
Nagarparkar	000	0	0	00	00	95	00	0	116	78	0	0	9	0	0	60	xx	—	—	10.6	—	10.6	—
Umerkot	000	0	8	xx	xx	96	05	0	126	75	8	5	7	0	0	64	68	—	—	7.8	—	7.9	—
Hyderabad	000	0	0	26	02	95	05	0	137	77	0	0	9	0	0	65	74	— 7	— 1	15.6	+ 9.5	16.2	7
Badin	000	0	8	00	00	96	05	0	149	75	8	0	9	0	0	69	72	— 3	+ 2	6.5	— 0.7	7.1	9
Padidan	000	0	0	00	00	96	05	0	139	76	0	0	9	0	0	63	70	—	—	2.8	—	3.4	—
Nawabshah	000	0	0	31	02	94	05	0	149	75	0	0	9	0	0	66	72	—	—	2.8	—	3.2	—
Sukkur	000	0	0	00	00	96	02	0	136	77	0	0	9	0	0	68	73	—	—	2.5	—	2.5	4
Kashmore	000	0	0	00	00	99	00	0	011	86	0	0	9	0	0	71	55	—	—	0.5	—	0.5	—
Jacobabad	000	0	0	00	00	96	05	0	136	78	0	0	9	0	0	74	75	—	+ 2	2.0	— 3.9	2.9	4
Veraval	xxx	x	1	36	08	98	02	0	132	90	x	x	9	x	x	70	90	—	—	—	—	—	20
Jalalabad																							
Muscat																							4
Kuwait																							5
HILL STATIONS																							
Srinagar *	xxx	x	3	00	00	97	01	1	523	48	3	7	4	0	0	46	46	—	—	—	—	—	26
Gulmarg **	xxx	x	3	28	02	97	02	0	108	37	3	2	6	0	0	28	28		—	—	—	—	—
Sonamarg **																							71
Dras **																							26
Leh **	xxx	x	2	18	06	98	03	0	112	46	2	8	8	0	0	27	37		—	—	—	—	3
Skardu *																							6
Misgar **	000	0	4	23	02	98	01	1	150	36	0	0	9	3	0	17	32		—				—
Aliabad *																							—
Gilgit *	000	0	8	00	00	98	02	2	544	53	8	5	8	x	x	49	48		—				5
Murree *	005	9	0	00	00	98	00	1	511	52	0	0	9	0	0	38	45	— 7	— 8	31.7	— 3.9	49.7	59
Drosh *	000	9	0	00	00	97	05	4	532	51	0	0	9	0	0	38	48	— 11	— 12	5.3	—	17.2	18
Cherat *	000	0	0	36	07	96	02	0	xxx	61	0	0	9	0	0	37	53	— 16	— 10	12.6	— 0.7	36.8	29
Kakul *	000	0	0	36	02	97	00	0	507	61	1	0	9	0	0	45	53	—	—	30.7	—	36.3	
Landikotal *	000	0	0	00	00	96	00	0	488	58	0	0	9	0	0	44	50	—	—	4.5	—	20.6	—
Parachinar *	000	0	0	00	00	99	00	0	502	48	0	0	9	0	0	37	44	— 11	— 11	13.9	—	27.4	29
Miranshah *	000	0	0	00	00	99	00	0	496	61	0	0	9	0	0	53	56	—	—	1.8	— 2.9	3.6	13
Wana *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—	—				11
Fort Sandeman *	000	0	0	20	01	96	05	4	530	62	0	0	9	0	0	12	44	— 14	— 17	6.5	+ 1.5	11.2	11
Hindubagh *	000	0	0	27	09	97	00	0	506	53	0	0	9	0	0	31	40	—	—	0.8	—	4.6	—
Loralai *	000	0	7	25	02	98	02	0	349	57	0	4	8	2	1	35	48	—	—	1.1	—	4.6	9
Harnai *	000	0	0	34	05	97	00	0	498	65	0	0	9	0	0	31	61	—	—	5.7	+ 1.8	8.8	14
Quetta *	000	0	0	00	00	96	00	0	534	52	0	0	9	0	0	14	37	—	—	0.1	— 0.9	4.3	9
Chaman *	000	0	0	13	07	98	00	0	525	60	0	0	9	0	0	18	50	— 15	— 9	0	— 0.1	1.3	8
Nushki *	000	9	0	31	02	97	05	4	557	60	0	0	9	0	0	27	57	—	—	0	—	0.2	—
Dalbandin *	000	0	0	05	02	94	05	0	523	56	0	0	9	0	0	06	49	— 17	— 9	0	— 0.2	1.2	4
Kalat *	000	0	0	18	03	96	00	0	543	44	0	0	9	0	0	35	32	— 13	— 12	0.2	— 1.0	2.1	7
Panjgur *	000	0	0	09	05	95	05	0	524	55	0	0	9	0	0	19	48	— 15	— 13	0.3	—	1.3	5
Kabul *																							12
Kandhar *																							

† Given in Code.
* These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SATURDAY THE 29th SEPTEMBER, 1962.

WIRELESS REPORTS FROM SHIPS

SHIPS IN	YQL$_a$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$_s$	OT$_s$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
[illegible] SEA										
Sirdhana	63 208	702 00	4 99 02	98 0 20	121 79	40 [illegible]	79 3 40	...	[illegible] 79	12 4 42
Devon	63 019	654 00	8 34 02	98 0 22	114 82	72 5 50	36 3 04	...	00 0 76	13 4 22
Esso Cambridge	63 220	599 06	7 04 03	96 0 20	158 [illegible]	00 9 03	[illegible]	...	[illegible]	10 4 31
Edjala	63 173	558 06	8 20 06	98 0 [illegible]	167 81	00 9 00	...	...	00 2 73	12 0 x0
Caltex the Hague	63 239	586 38	0 14 05	96 0 30	194 xx	00 9 00	...	...	[illegible]	
Sirdhana	63 118	692 06	1 00 00	99 0 20	152 81	10 9 60	75 2 10	...	05 3 [illegible]	10 0 x1
Edjala	63 165	543 12	1 23 02	98 0 20	135 81	12 4 00	56 7 25	...	05 1 [illegible]	12 3 x0
[illegible]	63 190	649 12	8 36 05	96 0 [illegible]	188 80	80 0 [illegible]	[illegible]	...	05 2 72	13 6 20
Bengal	63 186	702 12	6 34 07	98 0 31	120 82	72 4 81	76 6 30	...	05 1 70	13 4 21
Karanja	63 203	651 18	6 00 00	96 1 24	135 80	00 9 00	[illegible]	...	05 3 [illegible]	10 0 x0
Glenartney	63 118	527 18	2 12 09	98 0 20	129 77	22 6 70	16 2 23	...	00 2 75	11 2 24

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
		PPP TTTT$_d$T$_d$T$_d$	HHHTTTT$_d$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	058 262 218	...	...	144 182 032	...	311 092 505	437 015 668	582 092 915	753 672 738	...	...	...	...
Jiwani ...														
Karachi ...	00 00	858 242 182	094 245 092	...	140 152 002	...	308 065 999	433 502 999	576 580 999	746 665 999	963 730	226 035	405 185	630 2[illegible]
Lahore ...	00 00	989 225 165	...	...	150 992 042	...	317 115 572	441 070 680	591 152 855	764 650 999	973 842	...	...	...
Multan ...														
Peshawar ...	00 00	MISDO	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels PPPTTTT$_d$T$_d$T$_d$									Max. Height Reached PPPTTTT$_d$T$_d$T$_d$	TROPOPAUSE st. HHHHTT	st. HHHHTT
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	006 272 245	900 192 072	800 160 050	580 002 568	350 725 795	...	...	...	...	350 725 795	...	...
Jiwani ...													
Karachi ...	00 00	900 172 005	800 092 522	...	...	...	...	...	...	...	800 092 522	...	...
Lahore ...	00 00	900 215 092	900 172 002	...	...	...	...	...	...	...	900 172 002	...	...
Multan ...													
Peshawar ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													

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

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

UPPER WIND DATA*

Height in kms. a.s.l. →	At 1200 hrs. G.M.T. † of Previous day (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0	At 0000 hrs. G.M.T. † of date (dd ff) 0.3	0.6	0.9	1.5	2.1	3.0	At 0600 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	
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	
Bogra ...	30 07	32 07	33 08	32 08	30 08	34 04	34 04	28 02	29 04	36 10	01 08	03 06	31 05	31 05	35 06	01 09	33 05	35 05	05 04	01 04	03 08	05 06	05 05	06 04	...	
Chaklala ...	...	31 08	34 06	33 03	35 03	15 05	23 13	23 18	24 27	...	03 02	27 04	33 04	05 02	25 01	...	28 02	32 02	32 02	21 02	27 02	24 02	24 07	23 19	...	
Chhor ...	01 03	32 02	...	...	...	...	...	...	...	04 13	03 01	02 09	05 09	05 08	03 03	07 06	03 09	04 10	03 08	05 08	12 07	08 05	20 10	27 09	...	
Chittagong ...	30 08	32 08	35 06	35 05	09 02	09 02	06 09	...	...	02 12	01 08	36 05	36 03	03 10	...	02 05	35 10	35 13	02 12	02 08	12 10	07 13	08 16	07 16	08 17	
Cox's Bazar ...	29 10	28 09	27 10	...	...	...	...	...	...	03 13	02 11	02 08	36 05	05 02	03 06	04 04	04 09	02 06	03 05	06 04	02 02	...	...	...	...	
Dacca ...	31 09	31 01	32 09	36 04	04 06	06 06	05 04	05 06	09 06	36 10	01 07	05 04	35 03	35 08	06 02	36 05	36 05	36 05	04 10	04 15	04 17	07 08	08 13	12 13	11 11	10
Dalbandin ...	...	...	09 07	14 03	24 03	35 13	01 06	34 06	30 25	...	...	07 07	07 10	29 05	35 03	...	...	06 09	08 10	33 03	36 09	35 14	35 21	35 28	32 27	30
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Drosh ...	...	...	...	...	22 05	19 03	11 01	12 05	...	...	...	...	24 01	24 03	21 06	...	...	...	...	06 04	36 13	09 07	13 06	28 07	23 02	
Fort Sandeman ...	...	...	...	21 03	21 03	...	...	...	...	...	...	...	21 05	21 06	32 09	...	...	...	22 05	24 08	02 04	...	—	—	—	
Jacobabad ...	36 03	27 01	22 02	21 03	27 06	28 16	27 17	...	...	03 02	05 02	33 04	26 06	28 08	01 10	28 02	30 02	31 03	29 05	28 07	...	...	...	—	—	
Jessore ...	35 09	34 10	28 09	27 10	...	...	...	...	...	36 15	36 14	35 12	35 07	01 07	07 05	36 12	36 12	56 10	03 11	...	...	...	...	...	...	
Jhelum ...	29 06	29 09	30 09	31 06	03 03	11 04	12 04	16 11	...	32 08	31 12	32 12	28 05	31 02	01 03	32 02	34 04	36 02	31 03	28 01	26 04	xx xx	19 26	24 27	23 45	24
Jiwani ...	19 05	32 03	01 07	36 14	...	...	...	...	...	34 08	36 08	03 08	16 14	06 10	03 21	05 09	09 10	07 11	05 11	03 12	02 15	34 18	32 20	32 24	30 24	99
Karachi ...	26 09	30 03	...	...	...	...	...	...	...	...	...	...	...	...	...	34 11	35 06	02 06	...	...	...	—	—	—	...	
Khanpur ...	02 11	02 13	03 08	33 04	18 04	27 04	22 09	30 09	...	09 03	14 03	18 03	13 05	10 10	...	20 04	23 08	25 07	26 10	27 10	24 10	...	...	...	...	
Lahore ...	32 05	31 08	31 08	31 09	32 07	28 07	22 10	19 10	21 17	32 10	31 13	31 15	28 08	30 06	32 11	29 04	29 06	29 06	28 06	28 10	25 07	26 07	26 06	20 10	23 22	24
Multan ...	05 02	03 03	01 05	30 04	26 06	28 06	28 09	28 16	26 23	34 03	24 07	24 07	27 09	25 06	34 07	18 07	21 08	21 11	25 08	28 04	25 07	32 05	33 08	27 16	...	
Muscat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Panjgur ...	...	...	...	36 13	35 12	36 06	35 08	32 16	...	...	...	...	01 18	01 16	01 20	...	...	...	02 10	04 12	02 13	...	...	...	...	
Peshawar ...	...	...	...	...	...	...	...	...	...	...	01 05	35 03	31 12	33 07	36 10	...	07 03	09 01	27 03	32 13	02 07	33 10	33 12	31 16	30 32	29
Quetta ...	...	...	...	...	31 07	25 04	...	...	...	...	...	...	...	33 01	33 06	...	...	...	...	32 05	35 12	35 13	01 13	33 23	29 29	
Sharjah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Sylhet ...	28 07	32 04	05 03	09 03	04 05	04 05	...	...	...	11 08	09 10	07 10	07 11	05 08	09 08	13 02	09 03	07 10	09 12	09 13	06 09	...	12 06	11 06	...	
Veraval ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10 08	...	...	...	

† 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 ...	35 10	35 11	03 10	06 09	35 07	02 06	10 06	09 09	09 12	09 13	09 15	09 15	10 11	...	...	...	...	...
Karachi ...	27 11	34 08	03 07	05 10	05 12	04 09	29 05	28 12	29 23	25 25	26 43	...	...	...	...	...	...	...
Peshawar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...																		

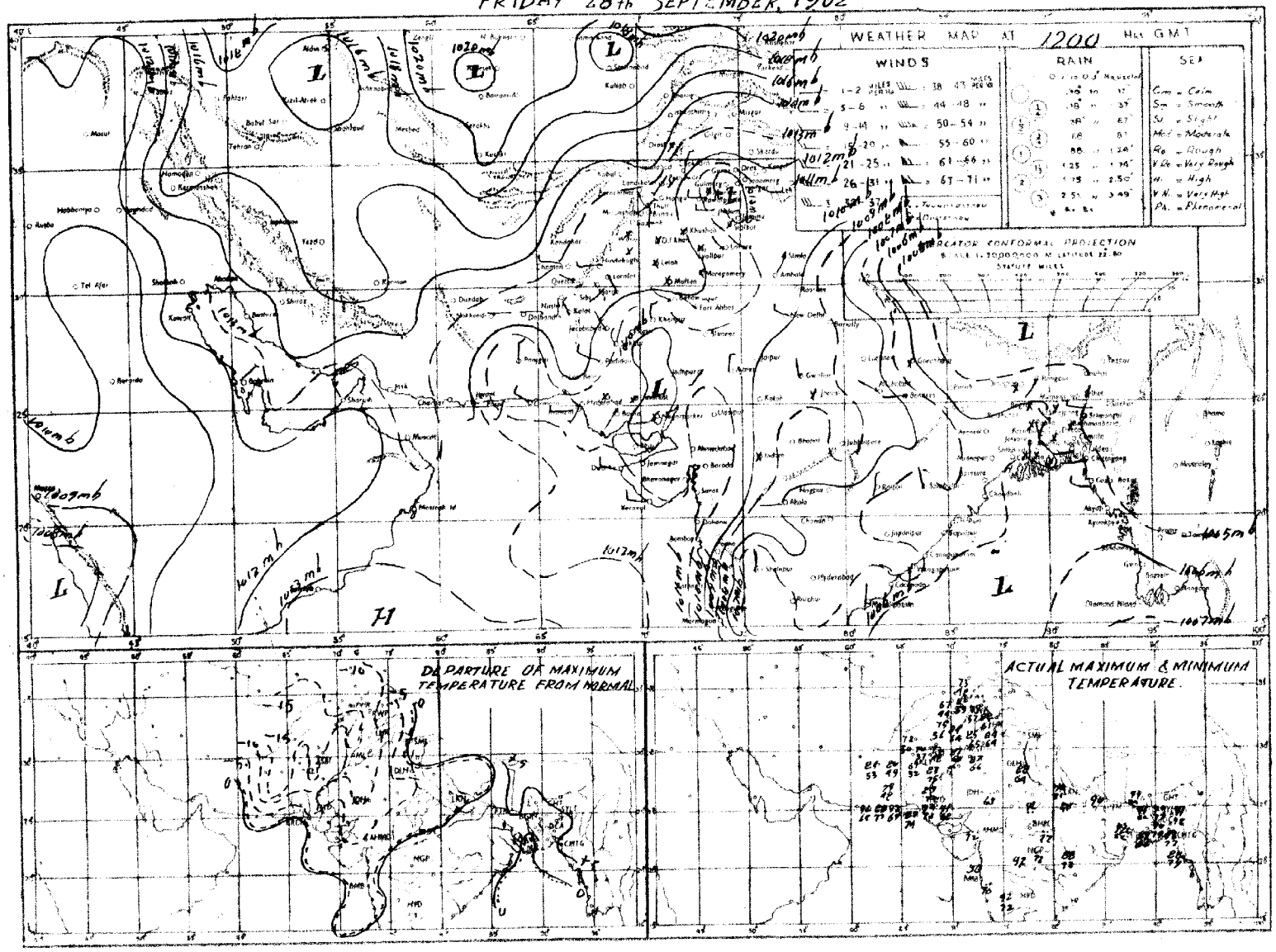
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd VrVr etc.)

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

PAKISTAN DAILY WEATHER MAP

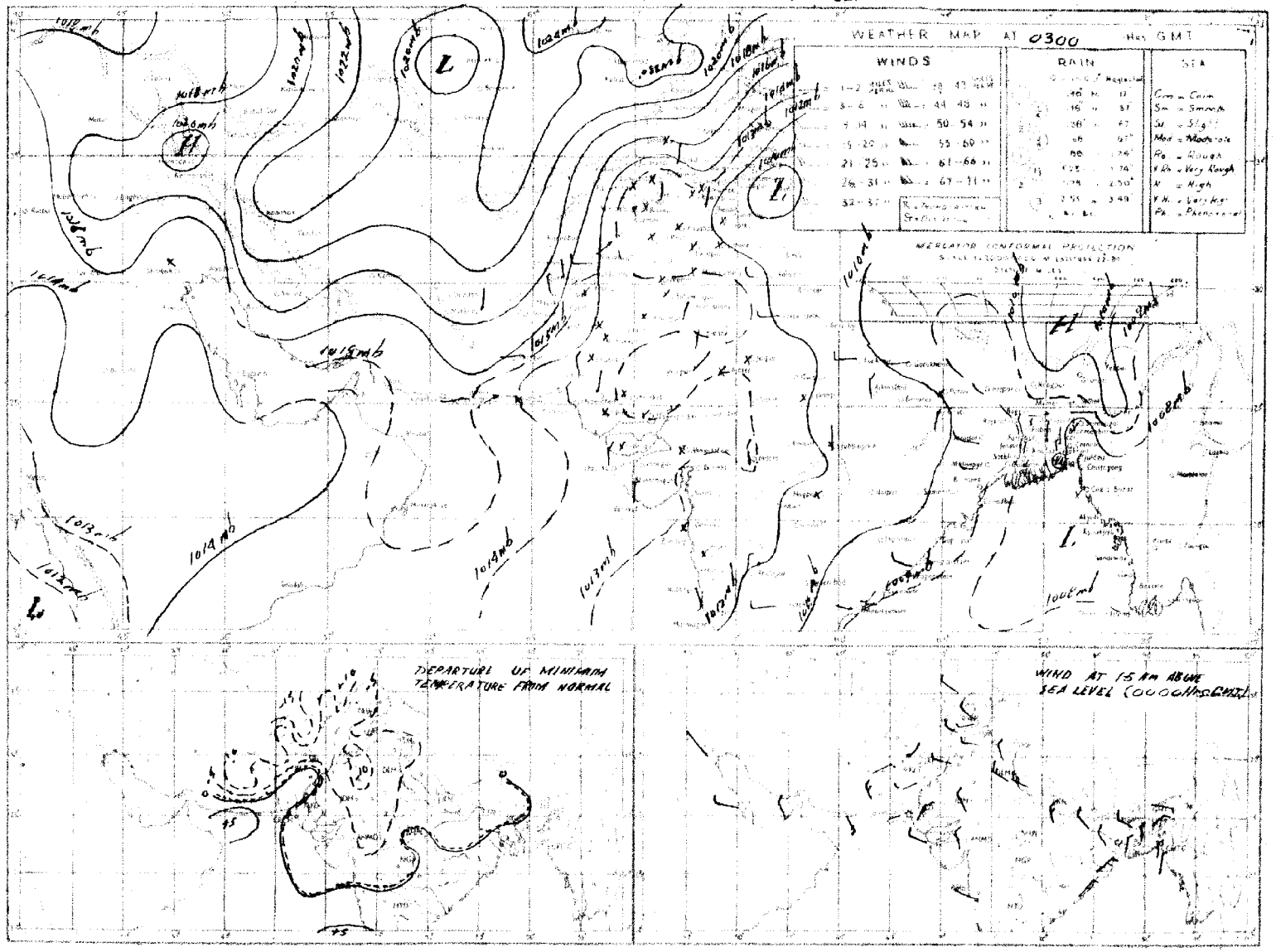
FRIDAY 28th SEPTEMBER, 1962



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

PAKISTAN DAILY WEATHER MAP

SATURDAY, 29th SEPTEMBER, 1962.



Rainfall amounts indicate in the above chart refer to only 24 hours.

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PAKISTAN DAILY WEATHER REPORT

Reg. No. S-1457
Volume No. 16

SUNDAY THE 30th SEPTEMBER, 1962.
Summary of observations recorded at 0300 hrs. G.M.T.

Yesterday's western disturbance north of Afghanistan is moving away across north of Kashmir.
Another feeble western disturbance is moving across north of Afghanistan.
Weather remained dry over West Pakistan.
Conditions are becoming unsettled in central and adjoining south Bay of Bengal. Scattered thunderstorm/showers have occurred in Chittagong division. Light rain has also fallen at most places in Dacca division.
Night temperatures were 6—12 °F (3—7 °C) below normal in Quetta, D. I. Khan, Peshawar and Rawalpindi divisions and in Kalat division outside coastal districts and 3—5 °F (2—3 °C) so elsewhere over West Pakistan outside coastal Kalat and Karachi divisions.
Forecast valid until the evening of 1st October, 1962:—Local thunderstorm/showers may occur in Chittagong division and scattered in Rajshahi, Khulna and Peshawar divisions and in Kashmir.

FEB 18 1963
WEATHER BUREAU

Karachi-11
The 30th September, 1962.

OBSERVATIONS

M. AZHAR ADIL
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 † 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	Rangamati ...	000	0	6	18	02	95	05	1	054	86	3	8	6	7	x	77	92
	Cox's Bazar ...	001	0	7	00	00	97	61	2	044	84	4	3	4	7	0	78	89
	Chittagong ...	000	0	6	00	00	96	02	2	041	85	2	3	6	2	0	80	91
	Maijdee Court ...	000	9	0	31	05	96	00	0	042	86	0	0	9	0	0	79	94
	Comilla ...	000	0	2	00	00	96	02	1	018	86	2	4	7	0	0	79	92
	Brahmanbaria ...	000	0	3	00	00	97	03	1	039	89	0	0	9	0	0	79	92
	Sylhet ...	000	0	5	00	00	96	02	1	033	87	4	2	6	1	0	81	95
	Srimangal ...	000	0	0	00	00	95	00	0	044	84	0	0	9	0	0	77	92
Dacca	Mymensingh ...	000	0	4	00	00	97	00	0	045	88	0	0	9	0	8	83	92
	Narayanganj ...	000	9	4	00	00	96	03	1	041	88	1	4	3	0	8	78	94
	Dacca (Tezgaon) ...	000	0	3	00	00	97	03	1	037	87	0	0	9	0	1	76	80
	Faridpur ...	000	0	7	34	02	97	02	2	042	86	1	5	7	1	0	76	90
Khulna	Barisal ...	000	0	6	00	00	97	02	2	036	86	6	0	9	4	0	77	91
	Khulna ...	000	0	0	00	00	97	01	1	045	87	5	5	6	0	0	79	90
	Satkhira ...	000	0	4	00	00	97	03	2	076	87	2	4	6	3	0	79	91
	Jessore ...	000	0	3	36	02	97	02	2	066	85	2	4	6	6	0	71	90
Rajshahi	Pabna ...	000	0	3	00	00	98	01	2	043	89	0	0	9	0	0	79	92
	Sirajganj ...	000	0	6	00	00	96	02	2	041	88	6	0	9	0	4	77	92
	Bogra ...	000	0	6	00	00	96	02	2	044	89	4	4	5	1	1	79	91
	Dinajpur ...	000	0	0	00	00	95	00	0	044	93	0	0	9	0	0	79	94
	Rangpur ...	000	0	3	00	00	96	03	0	045	89	3	0	9	1	0	81	93
...mir	Jammu ...																	
...ore	Lahore (Jail Rd.) ...	000	0	0	00	00	96	02	0	135	83	0	0	9	0	0	58	86
	Sialkot ...	000	0	0	00	00	97	00	0	094	83	0	0	9	0	0	61	85
...pindi	Jhelum ...	000	0	1	18	02	97	02	0	092	85	1	1	7	0	0	59	93
	Rawalpindi ...	000	0	0	27	03	96	05	4	097	80	0	0	9	0	0	52	83
	Campbellpur ...	000	0	0	13	02	98	00	0	014	85	0	0	8	0	0	73	88
...dha	Khushab ...	000	0	0	00	00	98	00	0	101	88	0	0	9	0	0	68	93
	Lyallpur ...	000	0	0	00	00	96	00	0	112	86	0	0	9	0	0	51	85
...tan	Montgomery ...	000	0	0	00	00	96	02	0	104	82	0	0	9	0	0	60	88
	Multan ...	000	0	0	00	00	96	05	0	098	88	0	0	9	0	0	54	91
	Leiah ...	000	0	0	00	00	95	00	0	102	76	0	0	9	0	0	55	89
...alpur	Khanpur ...	000	0	0	23	03	94	06	4	103	86	0	0	9	0	0	58	90
	Bahawalpur ...	000	0	0	23	02	97	00	0	144	83	0	0	9	0	0	66	84
	Fort Abbas ...	000	0	0	00	00	98	00	0	101	87	0	0	9	0	0	61	90
...war	Chakdara ...	000	0	0	18	02	97	00	0	073	78	0	0	9	0	0	55	82
	Peshawar ...	000	0	0	09	02	96	05	0	095	82	0	0	9	0	0	52	85
	Haripur ...	000	3	3	23	02	96	03	1	086	83	3	0	9	5	0	51	84
...I. Khan	Bannu ...	000	0	0	00	00	99	00	0	087	83	0	0	9	0	0	49	85
	D. I. Khan ...	000	0	0	00	00	98	00	0	094	85	0	0	9	0	0	61	86
...tta	Sibi ...	000	0	0	13	02	97	05	0	101	94	0	0	9	0	0	25	95
Kalat	Nokkundi ...	000	0	0	31	02	98	02	0	115	85	0	0	9	0	0	16	88
	Turbat ...	000	0	0	09	02	98	00	0	104	97	0	0	9	0	0	38	98
	Jiwani ...	000	0	0	23	09	94	02	0	126	85	0	0	9	0	0	46	90
	Pasni ...	000	8	6	23	06	97	02	1	996	84	0	0	9	4	3	74	88
Division	Ormara ...	000	4	0	27	07	93	05	4	105	87	0	0	9	0	0	53	87
	Lasbela ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karachi (Manora) ...	000	0	0	27	12	98	06	4	106	85	0	0	9	0	0	63	88
	Karachi (Airport) ...	000	0	9	27	05	97	06	4	106	89	9	x	0	x	x	44	92
...bad	Nagarparkar ...	000	0	0	00	00	95	00	0	083	91	0	0	9	0	0	73	93
	Umerkot ...	000	0	8	29	01	97	02	0	094	92	8	5	7	0	0	54	95
	Hyderabad ...	000	0	0	00	00	97	02	0	114	90	0	0	9	0	0	53	95
	Badin ...	000	0	0	31	02	97	00	0	131	94	0	0	9	0	0	54	97
Khairpur	Padidan ...	000	0	0	31	02	96	05	0	107	91	0	0	9	0	0	53	91
	Nawabshah ...	000	0	0	05	02	96	05	0	138	91	0	0	9	0	0	48	94
	Sukkur ...	000	0	0	31	03	96	02	0	105	87	0	0	9	0	0	63	90
	Kashmore ...	000	0	0	00	00	95	10	0	032	90	0	0	9	0	0	57	90
	Jacobabad ...	000	0	0	18	02	96	05	0	016	87	0	0	9	0	0	83	91
...adh	Veraval ...	xxx	x	3	29	14	96	01	0	100	82	1	2	5	3	0	77	xx
...nistan	Jalalabad ...																	
...bia	Muscat ...																	
	Kuwait ...																	
	HILL STATIONS																	
Kashmir	Srinagar ...	xxx	x	2	32	03	97	01	0	480	20	2	2	6	0	0	06	20
	Gulmarg ...																	
	Sonamarg ...																	
	Dras ...																	
	Leh ...																	
	Skardu ...																	
	Misgar ...																	
	Aliabad ...																	
	Gilgit ...	000	0	6	00	00	98	01	1	559	63	6	5	8	0	0	46	70
...pindi	Murree ...	000	0	0	05	02	98	00	0	502	88	0	0	9	0	0	41	64
...war	Drosh ...	000	8	3	23	03	99	03	4	391	76	3	1	7	0	0	36	83
	Cherat ...	000	0	0	18	02	96	02	0	xxx	72	0	0	9	0	0	41	75
	Kakul ...	000	7	1	27	05	97	01	0	505	71	1	2	6	0	0	47	74
	Landikotal ...	000	0	0	23	02	96	00	0	494	79	0	0	9	0	0	39	80
	Parachinar ...	000	0	0	00	00	99	00	0	502	51	0	0	9	0	0	38	66
...Khan	Miranshah ...	000	0	4	05	05	99	03	2	505	78	4	4	9	0	0	74	80
	Wana ...	000	0	0	00	00	98	00	0	509	74	0	0	9	0	0	12	76
Quetta	Fort Sandeman ...	000	0	0	00	00	98	05	4	526	78	0	0	9	0	0	04	80
	Hindubagh ...	000	0	0	29	17	97	00	0	489	72	0	0	9	0	0	52	74
	Loralai ...	000	0	6	11	03	99	02	2	370	73	0	0	9	2	1	62	79
	Harnai ...	000	0	0	13	05	97	00	0	487	81	0	0	9	0	0	17	82
	Quetta ...	000	0	0	36	02	96	00	0	479	69	0	0	9	0	0	11	70
	Chaman ...	000	0	0	31	05	98	00	0	508	75	0	0	9	0	0	21	76
	Nushki ...	000	0	0	27	05	98	02	0	527	78	0	0	9	0	0	29	80
	Dalbandin ...	000	0	0	34	03	95	05	0	536	82	0	0	9	0	0	07	83
...at	Kalat ...	000	0	0	31	07	96	00	0	510	64	0	0	9	0	0	52	67
	Panjgur ...	000	0	0	36	10	97	02	0	526	80	0	0	9	0	0	10	82
	Kabul ...																	
	Kandhar ...																	

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

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 TnT (36)	Maximum Temperature TxTx (37)	Minimum Temperature TnTn (38)	Since 1st June 1962 to date (39)	Departure from normal (40)	Since 1st January, 1962 to date (41)	Annual Normal (42)
Rangamati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—			—		—
Cox's Bazar	001	9	8	16	09	97	02	6	073	82	5	3	5	7	x	79	78	+ 2	+ 3	102.0	— 7.6	112.8	143
Chittagong	003	0	7	05	02	97	03	2	065	87	7	5	6	0	0	80	78	+ 4	+ 2	74.2	— 3.4	87.7	108
Maijdee Court	015	9	8	36	05	97	01	6	075	80	0	0	9	2	2	72	76	+ 7	— 1	79.0	— 5.5	98.7	101
Comilla	003	0	8	00	00	97	02	2	053	85	8	4	4	x	x	78	78	+ 4	+ 2	49.1	—14.2	62.3	94
Brahmanbaria	001	0	6	00	03	97	03	1	073	88	4	4	5	0	7	83	84	—	—	44.7	— 3.5	62.4	78
Sylhet	003	6	5	00	00	96	01	9	065	87	1	1	6	1	1	77	76	—	—	92.9	—	119.9	—
Srimangal	003	0	0	00	03	96	03	0	072	88	0	0	9	0	0	xx	80	+ 1	+ 6	46.4	—12.5	62.7	98
Mymensingh	003	0	4	13	02	97	01	0	078	87	0	0	9	0	4	80	80	+ 5	+ 3	51.6	—11.6	67.6	91
Narayanganj	004	7	3	00	00	97	03	6	074	96	1	5	3	3	8	79	77	+ 4	— 1	48.8	+ 0.4	65.9	74
Dacca (Tezgaon)	003	0	7	36	02	97	02	6	068	84	7	0	9	7	0	78	77			57.4	—	62.3	—
Faridpur	079	0	7	34	03	97	02	6	076	84	8	3	6	x	x	78	75	+ 3	— 3	—		—	71
Barisal	000	0	6	00	00	96	02	1	094	88	6	0	9	8	0	78	79	+ 3	+ 1	47.7	— 8.7	61.5	81
Khulna	000	0	6	00	00	97	01	2	066	84	6	0	0	8	7	79	83	+ 2	+ 3	40.1	— 8.6	47.7	68
Satkhira	000	0	6	00	00	97	03	1	075	95	4	4	7	2	0	79	79	+ 4	+ 3	48.1	+ 2.0		65
Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					65
Pabna	000	0	5	31	05	98	03	2	074	82	5	0	9	7	0	77	79	—	—	37.7	—	58.1	59
Sirajganj	000	0	2	31	02	97	01	1	071	87	2	x	x	x	x	77	78	+ 4	+ 1	33.9	— 6.2	51.8	64
Bogra	000	0	4	05	03	96	02	0	074	85	2	5	5	1	1	79	79	+ 3	— 2	—	—	—	69
Dinajpur	000	0	0	00	03	96	00	0	081	87	0	0	9	0	0	77	75	+ 6	— 2	—	—	—	72
Rangpur	000	0	1	36	02	96	01	0	085	85	1	0	9	1	0	80	77	+ 5	+ 1	—	—	—	84
Jammu																							—
Lahore (Jail Rd.)	000	0	0	00	00	96	02	0	121	70	0	0	9	0	0	59	63	— 12	— 5	13.6	— 0.9	20.0	19
Sialkot	000	0	0	00	00	97	00	0	115	73	0	0	9	0	0	63	65	— 10	— 3	20.3	+ 4.6	31.5	32
Jhelum	000	0	0	00	00	97	02	0	110	69	0	0	9	0	0	59	59	—	—	21.9	—	28.0	—
Rawalpindi	000	0	0	05	02	97	10	0	120	66	0	0	9	0	0	53	57	— 10	— 8	24.9	— 3.4	33.5	36
Campbellpur	000	0	4	02	03	98	00	0	181	63	0	0	9	0	1	52	59	—	—	11.3		20.1	—
Khushab	000	0	0	00	00	97	05	0	xxx	xx	0	0	9	0	0	63	76	— 8	— 1	2.9	— 7.4	7.8	15
Lyallpur	000	0	0	00	00	96	00	0	120	70	0	0	9	0	0	60	68	— 12	— 2	6.2	— 3.0	10.0	12
Montgomery	000	0	0	00	00	96	02	0	128	63	0	0	9	0	0	61	63	— 11	— 9	8.8	— 1.4	11.9	10
Multan	000	0	0	00	00	96	05	0	114	72	0	0	9	0	0	60	70	— 7	— 3	1.3	— 3.7	3.0	7
Leiah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Khanpur	000	0	0	00	00	94	06	4	114	73	0	0	9	0	0	60	65	— 10	— 7	6.2	+ 1.4	7.2	6
Bahawalpur	000	0	0	00	00	98	00	0	139	73	0	0	9	0	0	61	xx	— 15	×	2.9	— 1.3	3.6	6
Fort Abbas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					8
Chakdara	000	0	0	36	02	97	00	0	115	62	0	0	9	0	0	53	55	—	—	7.3	—	16.6	—
Peshawar	000	0	0	00	00	96	05	0	126	66	0	0	9	0	0	54	59	— 8	— 8	2.4	— 2.0	9.0	11
Haripur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					—
Bannu	000	0	0	00	00	99	00	0	127	63	0	0	9	0	0	56	60	—	—	2.5	—	5.5	11
D. I. Khan	000	0	0	00	00	98	00	0	116	69	0	0	9	0	0	61	65	— 12	— 6	2.0	— 3.4	4.9	9
Sibi	000	0	0	00	03	97	05	0	130	68	0	0	9	0	0	51	64	—	—	4.0	—	5.1	5
Nokkundi	000	0	0	31	02	98	02	0	173	65	0	0	9	0	0	33	52	—	—	0	—	0.1	2
Turbat	000	0	0	09	02	96	05	0	130	68	0	0	9	0	0	41	xx	—	—	1.8	—	4.6	—
Jiwani	000	0	6	29	03	96	02	0	135	70	0	0	9	0	0	65	69	—	—	1.2	—	1.9	5
Pasni	000	3	0	25	02	96	03	1	997	83	0	0	9	4	3	77	79	— 3	+ 8	0	— 0.9	0.2	6
Ormara	000	9	0	00	00	93	05	4	120	70	0	0	9	0	0	58	67	—	—	0.1	— 0.7	2.0	6
Lasbela	000	2	3	34	02	97	03	0	100	86	3	0	8	3	0	68	75	—	—	—		—	8
Karachi (Manora)	000	0	0	00	00	94	05	4	121	79	0	0	9	0	0	67	77	+ 2	+ 1	9.1	+ 3.1	9.1	8
Karachi (Airport)	000	0	0	00	00	94	06	4	129	75	0	0	9	0	0	55	70	—	—	10.7	—	10.7	—
Nagarparkar	000	0	0	00	00	95	00	0	056	78	0	0	9	0	0	72	xx	—	—	10.6	—	10.6	—
Umerkot	000	0	0	xx	00	96	05	0	117	75	8	5	7	0	0	63	70	—	—	7.8	—	8.0	—
Hyderabad	009	0	0	00	00	95	05	0	123	75	0	0	9	0	0	69	71	— 4	— 4	15.6	+ 8.6	16.2	7
Badin	000	0	0	00	00	97	00	0	149	76	0	0	9	0	0	65	71	— 1	— 3	6.5	— 0.7	7.2	9
Padidan	000	0	0	13	02	96	06	0	119	73	0	0	9	0	0	57	68	—	—	2.8	—	3.4	—
Nawabshah	000	0	0	00	00	96	05	0	132	73	0	0	9	0	0	58	67	—	—	2.8	—	3.2	—
Sukkur	000	0	0	71	02	96	02	0	121	76	0	0	9	0	0	63	71	—	—	2.5	—	2.5	4
Kashmore	000	0	0	00	00	99	00	0	048	80	0	0	9	0	0	61	55	—	—	0.5	—	0.5	—
Jacobabad	000	0	0	00	00	96	05	0	122	75	0	0	9	0	0	70	71	+ 10	— 2	2.0	— 0.3	2.9	4
Veraval	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					20
Jalalabad																							
Muscat																							4
Kuwait																							5
HILL STATIONS																							
Srinagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					26
Gulmarg																							—
Sonamarg																							71
Dras																							26
Leh																							3
Skardu																							6
Misgar																							—
Aliabad																							—
Gilgit	000	0	0	00	00	99	00	0	565	53	0	0	9	0	0	45	47	—	—	—	—	—	5
Murree	000	0	0	27	02	98	00	0	503	57	0	0	9	0	0	34	46	+ 11	— 7	31.7	— 3.9	49.7	59
Drosh	000	0	0	00	00	98	02	0	525	54	0	0	9	0	0	39	50	— 1	— 10	5.3	—	17.2	18
Cherat	000	0	0	34	13	96	02	0	xxx	64	0	0	9	0	0	34	56	— 8	— 7	12.6	+ 0.7	36.8	29
Kakul	000	0	0	18	02	97	00	0	508	64	0	0	9	0	0	45	55	—	—	30.7	—	36.3	—
Landikotal	000	0	0	00	00	98	00	0	496	64	0	0	9	0	0	47	50	—	—	4.5	—	20.6	—
Parachinar	000	0	0	00	00	99	00	0	501	52	0	0	9	0	0	34	47	— 12	— 8	13.9	—	27.4	29
Miranshah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					13
Wana	000	0	0	00	00	98	00	0	513	55	0	0	9	0	0	29	47	—	—	—	—	—	11
Fort Sandeman	000	0	0	00	00	98	05	4	529	60	0	0	9	0	0	22	xx	— 10	×	6.5	+ 1.5	11.2	11
Hindubagh	000	0	0	27	03	97	00	0	526	56	0	0	9	0	0	34	44	—	—	0.8	—	4.6	—
Loralai	000	0	0	29	03	99	00	0	352	58	0	0	9	0	0	47	47	—	—	1.1	—	4.6	9
Harnai	000	0	0	31	03	97	00	0	486	64	0	0	9	0	0	18	60	—	—	5.7	+ 1.8	8.8	14
Quetta	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	—					9
Chaman	000	0	0	09	05	98	00	0	527	60	0	0	9	0	0	20	50	— 11	— 9	0	— 0.2	1.3	8
Nushki	000	0	0	09	05	98	02	0	559	68	0	0	9	0	0	46	55	—	—	0	—	0.2	—
Dalbandin	000	0	0	02	02	95	05	0	506	50	0	0	9	0	0	15	46	— 14	— 12	0	— 0.2	1.1	4
Kalat	000	0	0	18	03	96	00	0	473	62	0	0	9	0	0	36	31	— 13	— 13	0.2	— 0.9	2.2	7
Panjgur	000	0	0	09	07	96	02	0	509	52	0	0	9	0	0	04	49	— 12	— 12	0.3	—	1.3	5
Kabul																							12
Kandhar																							

Given in Code.
These stations report for PPP, the geopotential of the 850 mbs. Pressure level in geopotential metres, the thousands figure 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 or RRR see the summary above for the actual amounts of rainfall.

PAKISTAN DAILY WEATHER REPORT

SUNDAY THE 30th SEPTEMBER, 1962.

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 $N_sC_sh_sh_s$	$0T_sT_wP_dT_d$	$Id_wd_wP_wH$
1	2	3	4	5	6	7	8	9	10	11
ARABIAN SEA										
Safina-e-arab	73 186	706 00	3 36 09	97 0 20	117 81	32 3 00	...	...	...	...
Leenfalen	73 214	683 00	6 36 09	98 0 21	128 79	00 4 81	36 3 04	...	05 3 70	...
Safinabarkat	73 133	746 00	5 32 09	97 0 22	103 82	52 4 11	...	...	...	...
Safina-e arab	73 200	694 06	0 26 0x	98 0 00	120 04	00 0 00	...	...	...	...
Leidarkerk	73 249	578 06	0 18 10	98 0 30	135 00	00 9 00	35 2 18	...	05 0 70	11 8 33
Encadia	73 170	634 06	6 45 09	65 3 13	148 90	61 x xx	34 2 88	...	00 0 88	14 5 21
Caltex the Haque	73 220	592 36	0 00 90	96 0 31	164 99	00 9 00	...	...	00 2 86	10 0 x0
Caltex Rotterdam	73 246	581 42	0 22 03	98 0 20	148 86	00 9 00	...	...	00 2 67	12 2 20
Leiderkerk	73 238	588 12	0 02 05	97 0 20	131 82	00 9 00	35 7 11	...	05 1 60	10 2 20
Safina-e-arab	73 214	686 12	0 34 05	96 0 54	113 84	00 0 00	...	...	...	...
Essoermterddam	73 157	525 12	0 15 01	98 0 20	140 81	9 00	56 7 18	...	05 2 68	11 5 20
Caltex the Haque	73 195	177 42	0 04 26	97 0 78	921 82	9 00	...	...	00 1 68	01 0 90
Sirdhana	73 247	661 18	9 31 02	97 1 24	131 79	x xx	65 x xx	...	00 0 70	10 0 xx
Caltex zaidam	73 208	695 48	0 34 09	96 3 13	118 82	9 00	...	...	05 1 68	13 4 21
Caltex Rotterdam	73 234	592 48	0 00 00	97 0 50	148 81	9 00	...	...	05 2 68	10 0 90

UPPER AIR DATA

STATION	Time of ascent in G.M.T.	At surface and Standard Isobaric Levels: Surface PPP $TTT_dT_dT_d$	1000 mb	900 mb	850 mb	800 mb	700 mb	600 mb	500 mb	400 mb	300 mb	200 mb	150 mb	10[illegible]
			HHH$TTT_dT_dT_d$								HHHTTT			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	[illegible]
Bogra ...														
Chittagong ...														
Dacca ...	00 00	050 245 212	...	...	144 192 145	...	311 082 028	438 022 515	583 568 588	755 655 678	958 795	245 008	427 162	666
Jiwani ...														
Karachi ...	00 00	889 222 162	100 235 995	...	145 155 995	...	310 040 990	435 040 990	551 560 990	751 675 995	960 825	225 010	401 135	659
Lahore ...	00 00	986 238 158	000 230 090	...	150 165 035	...	312 058 512	437 512 542	581 575 995	752 650 990	965 752	247 870	448 932	725
Multan ...														
Peshawar ...	00 00	MISDD	...	...	...	...	...	...	...	...	...	...	...	
Quetta ...														

STATION	Time of ascent in G.M.T.	At Significant Levels PPP$TTT_dT_dT_d$									Max. Height Reached PPP$TTT_dT_dT_d$	TROPOPAUSE st. HHHHTT	st. HHH[illegible]
16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bogra ...													
Chittagong ...													
Dacca ...	00 00	005 272 245	900 212 182	800 152 112	579 000 530	350 722 745	250 895 945	...	...	...	250 895 945	...	...
Jiwani ...													
Karachi ...	00 00	900 160 xxx	xxxxxx xxx	350 750 xxx	250 910 xxx	...	...	...	...	...	250 910 xxx	...	...
Lahore ...	00 00	900 212 078	800 122 008	...	...	...	...	...	...	...	800 122008	...	...
Multan ...													
Peshwar ...	00 00	MISDA	...	...	...	...	...	...	...	...	...	...	...
Quetta ...													

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

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

UPPER WIND DATA*

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

Height in kms. a.s.l. →	0.3	0.6	0.9	1.5	2.1	3.0	4.5	5.4	6.0
STATION	2	3	4	5	6	7	8	9	10
Bogra ...	32 07	34 09	36 09	06 06	06 04	06 07	03 09	36 07	36 09
Chaklala ...	...	27 06	28 06	25 03	21 01	01 02	17 09	22 12	28 08
Chhor ...	32 05	36 05	36 05	03 05	05 05	28 10	28 19	27 29	26 31
Chittagong ...	21 04	33 03	34 05	02 06	13 06	...	...	...	...
Cox's Bazar ...	No	...	...	Ascent	...	...	...	...	...
Dacca ...	31 13	34 09	02 07	05 11	06 11	06 12	05 12	05 11	05 10
Dalbandin ...	...	...	27 01	33 03	35 07	01 11	02 17	01 18	35 22
D.I. Khan ...	...	...	...	...	...	...	...	...	...
Drosh ...	...	...	...	...	25 06	26 03	21 09	20 12	...
Fort Sandeman ...	...	...	...	20 02	31 04	26 05	...	...	...
Jacobabad ...	19 03	23 03	27 05	26 09	26 04	33 13	35 11	35 15	...
Jessore ...	34 07	34 08	34 09	...	...	...	...	...	...
Jhelum ...	20 02	27 03	27 03	30 04	34 07	28 05	19 13	25 12	26 17
Jiwani ...	23 09	23 07	29 05	36 12	02 18	04 21	36 20	35 29	34 22
Karachi ...	25 12	27 10	30 08	...	...	...	...	...	...
Khanpur ...	23 08	23 08	24 08	30 09	29 10	25 07	...	...	...
Lahore ...	25 01	30 02	29 03	30 04	30 06	31 08	24 08	24 12	25 16
Multan ...	21 07	20 08	19 09	23 06	26 06	33 09	33 15	30 15	30 18
Muscat ...	...	...	...	...	...	...	...	...	...
Panjgur ...	...	...	...	35 03	36 08	01 14	32 20	31 23	30 23
Peshawar ...	...	07 06	06 03	25 05	33 07	36 12	01 22	36 20	...
Quetta ...	...	...	...	...	33 08	32 08	30 20	30 30	30 39
Sharjah ...	...	...	...	...	...	...	...	...	...
Sylhet ...	28 06	30 04	05 03	08 10	11 10	10 07	xx xx	xx xx	07 30
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 ...	36 18	01 12	06 09	08 07	07 10	07 11
Chaklala ...	...	05 02	31 04	34 03	36 07	04 09
Chhor ...	05 13	03 13	02 12	07 04	08 02	16 03
Chittagong ...	04 06	04 05	01 04	07 07	10 08	12 12
Cox's Bazar ...	01 09	36 08	36 07	...	...	...
Dacca ...	33 12	01 10	01 09	09 08	10 12	09 10
Dalbandin ...	...	...	08 07	11 09	30 03	04 08
D.I. Khan ...	...	...	...	...	...	...
Drosh ...	...	...	...	24 01	27 02	36 01
Fort Sandeman ...	...	...	...	20 03	28 03	31 08
Jacobabad ...	21 07	23 04	28 05	32 05	01 19	36 09
Jessore ...	...	...	...	...	...	...
Jhelum ...	34 04	29 06	31 09	31 17	06 02	33 10
Jiwani ...	29 11	31 11	33 06	03 07	03 15	04 21
Karachi ...	...	...	...	...	...	...
Khanpur ...	26 18	27 15	29 16	23 11	22 15	...
Lahore ...	28 10	30 11	30 10	33 08	33 09	01 07
Multan ...	15 04	20 06	23 07	27 06	30 07	31 10
Muscat ...	...	...	...	...	...	...
Panjgur ...	...	...	...	01 12	02 15	...
Peshawar ...	...	36 03	34 03	26 04	29 06	32 10
Quetta ...	...	...	...	...	20 02	28 04
Sharjah ...	...	...	...	...	...	...
Sylhet ...	06 09	06 10	08 13	07 10	06 09	09 09
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	[illegible]
STATION	17	18	19	20	21	22	23	24	25	26	[illegible]
Bogra ...	04 04	05 05	06 06	07 09	11 09	10 09	07 13	07 20	08 15	09 20	
Chaklala ...	...	15 01	32 03	32 10	33 08	09 07	29 07	28 13	28 21	27 32	
Chhor ...	03 05	04 07	04 06	10 02	14 03	06 04	31 09	30 18	29 27	...	
Chittagong ...	17 07	16 07	14 10	...	...	...	...	...	...	...	
Cox's Bazar ...	No	...	...	Ascent	...	...	...	...	...	...	
Dacca ...	05 02	07 02	07 03	10 10	09 23	09 15	11 12	09 13	09 14	...	
Dalbandin ...	...	...	09 04	10 03	34 06	01 10	34 11	33 12	31 15	26 28	27
D.I. Khan ...	...	...	...	...	...	...	...	...	...	...	
Drosh ...	...	...	...	...	26 01	02 02	03 05	02 09	35 14	34 19	
Fort Sandeman ...	...	...	...	26 03	27 05	29 05	...	...	...	...	
Jacobabad ...	24 06	24 08	26 05	26 02	29 03	10 06	23 12	30 17	29 19	28 31	27
Jessore ...	36 09	03 10	12 08	10 14	07 11	06 15	08 17	...	...	...	
Jhelum ...	31 01	30 03	29 08	31 09	33 06	11 04	28 04	28 15	28 21	27 29	25
Jiwani ...	35 08	35 08	05 07	05 08	03 12	04 15	02 07	28 10	30 11	27 24	27
Karachi ...	29 08	29 08	32 04	13 12	09 13	08 07	...	...	...	...	
Khanpur ...	25 12	24 12	23 12	23 13	23 04	03 04	...	...	...	...	
Lahore ...	31 07	30 07	30 09	30 10	30 08	31 08	34 04	31 07	31 12	28 16	26
Multan ...	19 04	21 04	23 07	25 06	35 07	36 07	30 15	28 21	...	...	
Muscat ...	...	...	...	...	...	...	...	...	...	...	
Panjgur ...	...	...	...	02 10	03 12	04 13	09 06	27 07	27 14	28 28	27
Peshawar ...	...	08 03	07 02	29 04	27 05	28 06	28 12	28 14	28 17	27 31	30
Quetta ...	...	...	...	...	30 04	01 08	09 04	30 07	34 17	30 20	
Sharjah ...	...	...	...	...	...	...	...	...	...	...	
Sylhet ...	11 06	11 10	10 14	10 19	10 15	13 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	16.2	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 ...	27 16	04 12	06 08	08 04	09 09	08 11	10 14	11 21	11 18	10 13	10 08	15 08	11 12	...	...	...	...	...
Karachi ...	08 00	31 12	30 12	04 10	04 16	05 06	05 16	36 10	32 13	32 17	31 29	28 37	27 35	26 41	23 27	25 31	...	...
Peshawar ...	MISDA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quetta ...																		

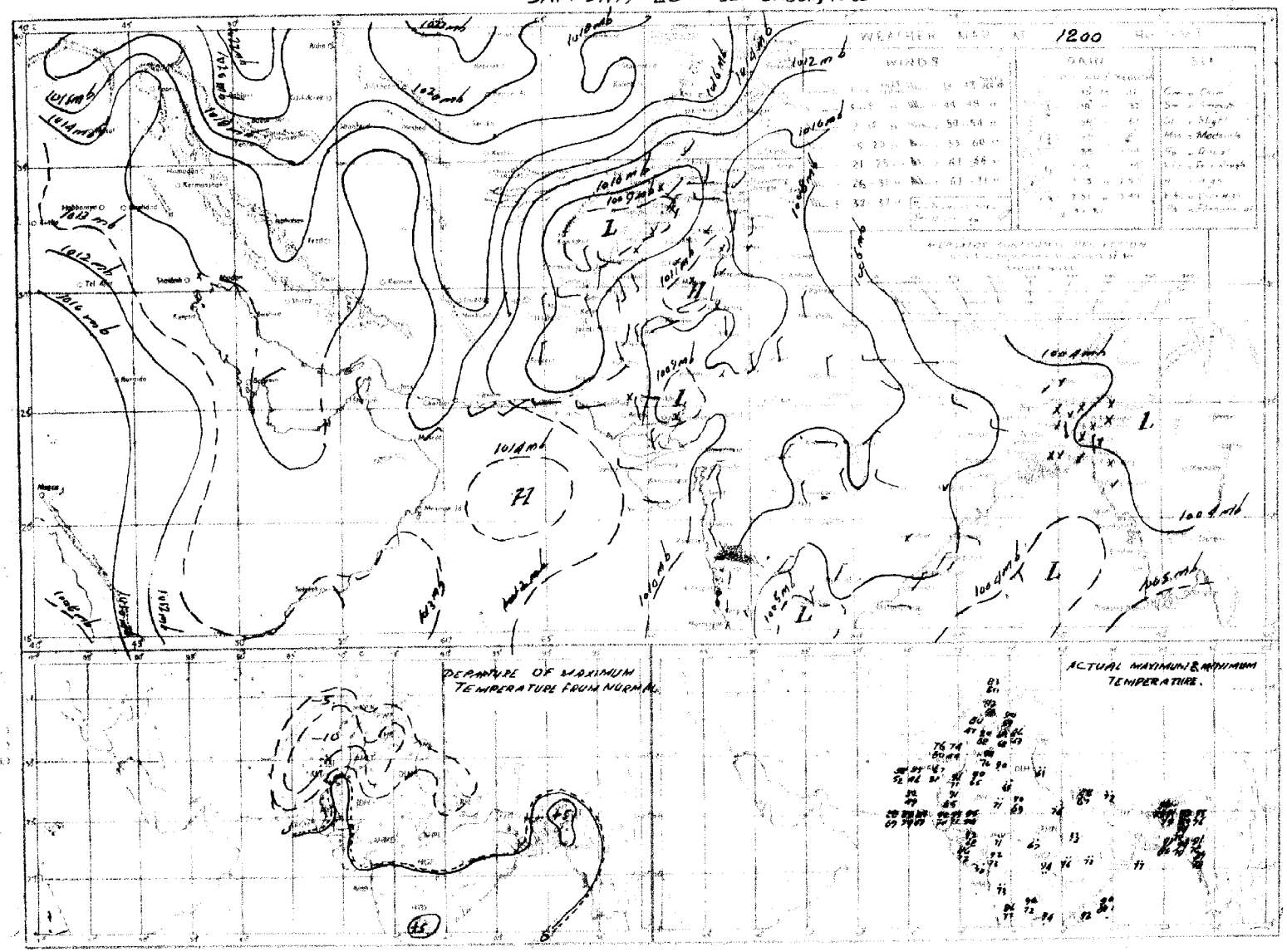
*The first two figures in each column give the wind direction "dd" in tens of degrees counting from North through East. The next two figures give the wind speed "ff" in knots. If wind speed "ff" exceeds 99 knots, 50 is added to "dd" and the hundred figures for wind speed "ff" is omitted.

Cloud observation Data (GGiii Cdd VrVr etc.)

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

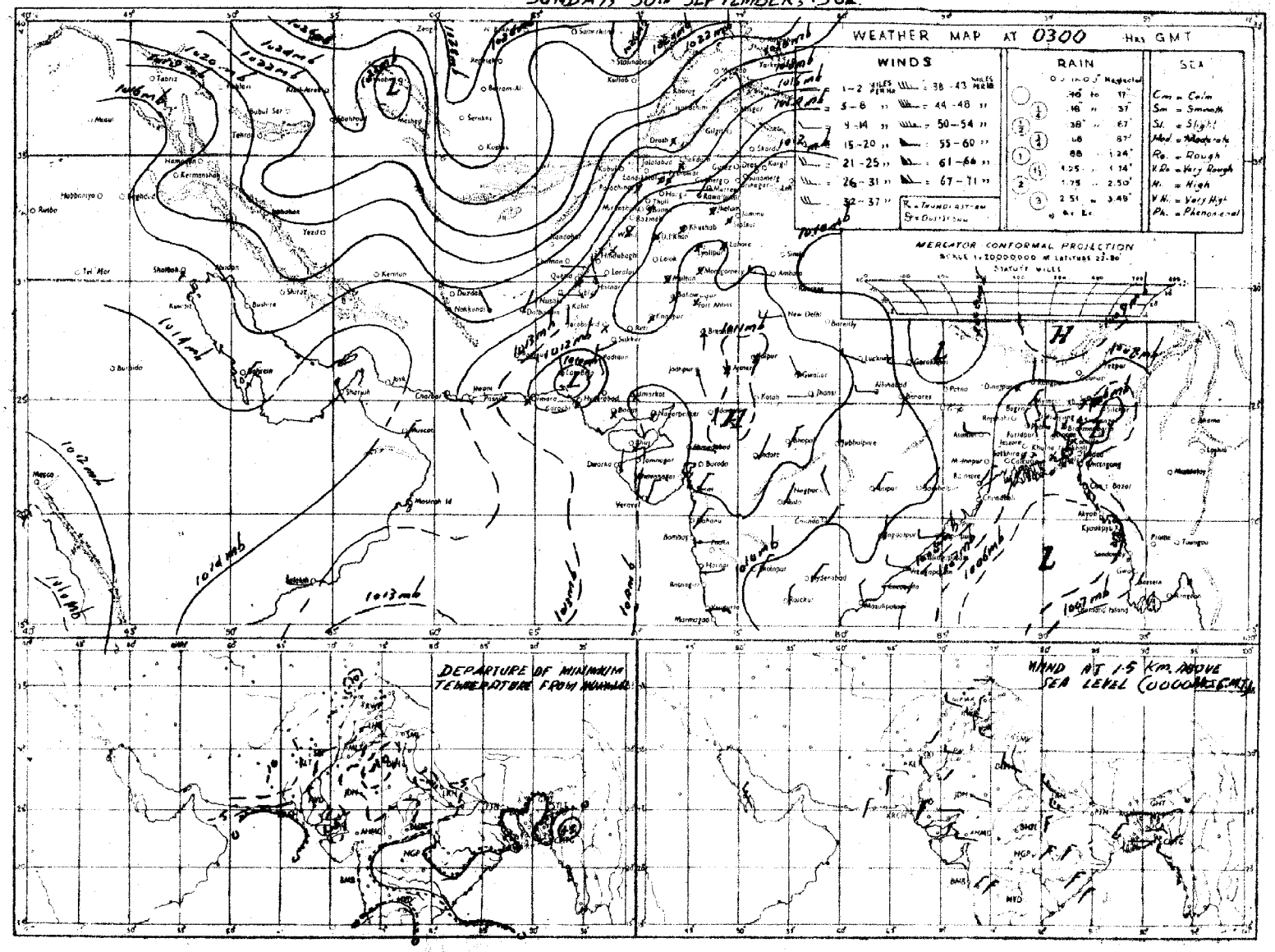
PAKISTAN DAILY WEATHER MAP

SATURDAY, 29th SEPTEMBER, 1962.



PAKISTAN DAILY WEATHER MAP

SUNDAY, 30th SEPTEMBER, 1962.



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